Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122920\
Data File : VV019868.D
Acq On : 29 Dec 2020 17:17
Operator : SY/MD
Sample : L4485-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-03

Quant Time: Dec 30 04:50:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 30 04:48:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	277118	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	260488	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	120394	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.30	65	96669	4.85	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.00%			
7) Chloroethane-d5	1.56	69	81863	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.40%			
11) 1,1-Dichloroethene-d2	2.10	63	149593	3.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.40%			
20) 2-Butanone-d5	3.94	46	207401	49.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.60%			
24) Chloroform-d	4.35	84	171819	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.04	65	93536	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
32) Benzene-d6	5.05	84	350161	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	6.08	67	108003	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.32	98	299049	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
43) trans-1,3-Dichloropropene-	7.63	79	35156	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	8.10	63	132473	44.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.04%			
56) 1,1,2,2-Tetrachloroethane-	10.22	84	58370	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.00%			
66) 1,2-Dichlorobenzene-d4	11.63	152	94674	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	5341	0.202	ug/L	96
3) Chloromethane	1.24	50	7007	0.239	ug/L	93
5) Vinyl chloride	1.31	62	6697	0.233	ug/L #	74
6) Bromomethane	1.52	94	4114	0.244	ug/L	84
8) Chloroethane	1.58	64	3878	0.221	ug/L	92
9) Trichlorofluoromethane	1.75	101	7659	0.219	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	5043	0.268	ug/L	90
12) 1,1-Dichloroethene	2.11	96	5492	0.286	ug/L #	1
14) Carbon disulfide	2.29	76	14617	0.220	ug/L	97
15) Methyl Acetate	2.46	43	1228	0.156	ug/L	95
16) Methylene chloride	2.51	84	7046	0.301	ug/L	98
17) Methyl tert-butyl Ether	2.78	73	10077	0.210	ug/L #	88
18) trans-1,2-Dichloroethene	2.76	96	4613	0.213	ug/L	94
19) 1,1-Dichloroethane	3.19	63	9120	0.217	ug/L	97
22) cis-1,2-Dichloroethene	3.92	96	4528	0.201	ug/L	99
23) Bromochloromethane	4.25	128	2002	0.223	ug/L #	90
25) Chloroform	4.38	83	16172	0.387	ug/L	91

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122920\
Data File : VV019868.D
Acq On : 29 Dec 2020 17:17
Operator : SY/MD
Sample : L4485-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-03

Quant Time: Dec 30 04:50:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 30 04:48:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
27) 1,2-Dichloroethane	5.15	62	5674	0.223 ug/L		98
29) 1,1,1-Trichloroethane	4.61	97	7340	0.207 ug/L		95
30) Cyclohexane	4.68	56	7334	0.205 ug/L		96
31) Carbon tetrachloride	4.83	117	5986	0.206 ug/L		99
33) Benzene	5.11	78	17755	0.204 ug/L		100
34) Trichloroethene	5.92	95	5524	0.237 ug/L		89
35) Methylcyclohexane	6.13	83	7814	0.224 ug/L		94
37) 1,2-Dichloropropane	6.19	63	4296	0.196 ug/L	#	95
38) Bromodichloromethane	6.52	83	5673	0.210 ug/L		99
39) cis-1,3-Dichloropropene	7.04	75	5458	0.182 ug/L		86
40) 4-Methyl-2-pentanone	7.24	43	23916	1.936 ug/L	#	88
42) Toluene	7.40	91	19809	0.224 ug/L		94
44) trans-1,3-Dichloropropene	7.67	75	5048	0.205 ug/L		89
45) 1,1,2-Trichloroethane	7.85	97	3179	0.225 ug/L		89
47) Tetrachloroethene	7.98	164	3694	0.233 ug/L		94
48) 2-Hexanone	8.15	43	34476	4.027 ug/L	#	91
49) Dibromochloromethane	8.25	129	2846	0.186 ug/L		97
50) 1,2-Dibromoethane	8.36	107	2920	0.227 ug/L	#	99
51) Chlorobenzene	8.89	112	12275	0.219 ug/L		98
52) Ethylbenzene	9.02	91	19567	0.199 ug/L		99
53) m,p-xylene	9.15	106	7148	0.199 ug/L		97
54) o-xylene	9.55	106	7159	0.208 ug/L		99
55) Styrene	9.57	104	10101	0.174 ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.25	83	3336	0.223 ug/L	#	96
59) Bromoform	9.75	173	1326	0.203 ug/L	#	81
60) Isopropylbenzene	9.94	105	18154	0.207 ug/L		98
61) 1,2,3-Trichloropropane	10.29	75	2593	0.223 ug/L		93
62) 1,3,5-Trimethylbenzene	10.55	105	13763	0.190 ug/L		99
63) 1,2,4-Trimethylbenzene	10.93	105	14356	0.194 ug/L		99
64) 1,3-Dichlorobenzene	11.19	146	8733	0.227 ug/L		94
65) 1,4-Dichlorobenzene	11.28	146	9428	0.244 ug/L		96
67) 1,2-Dichlorobenzene	11.65	146	8137	0.230 ug/L		96
68) 1,2-Dibromo-3-chloropropan	12.44	75	514	0.214 ug/L		89
69) 1,3,5-Trichlorobenzene	12.66	180	5495	0.193 ug/L		89
70) 1,2,4-trichlorobenzene	13.28	180	4622	0.199 ug/L		92
71) Naphthalene	13.52	128	5246	0.150 ug/L	#	93
72) 1,2,3-Trichlorobenzene	13.75	180	3890	0.197 ug/L		99

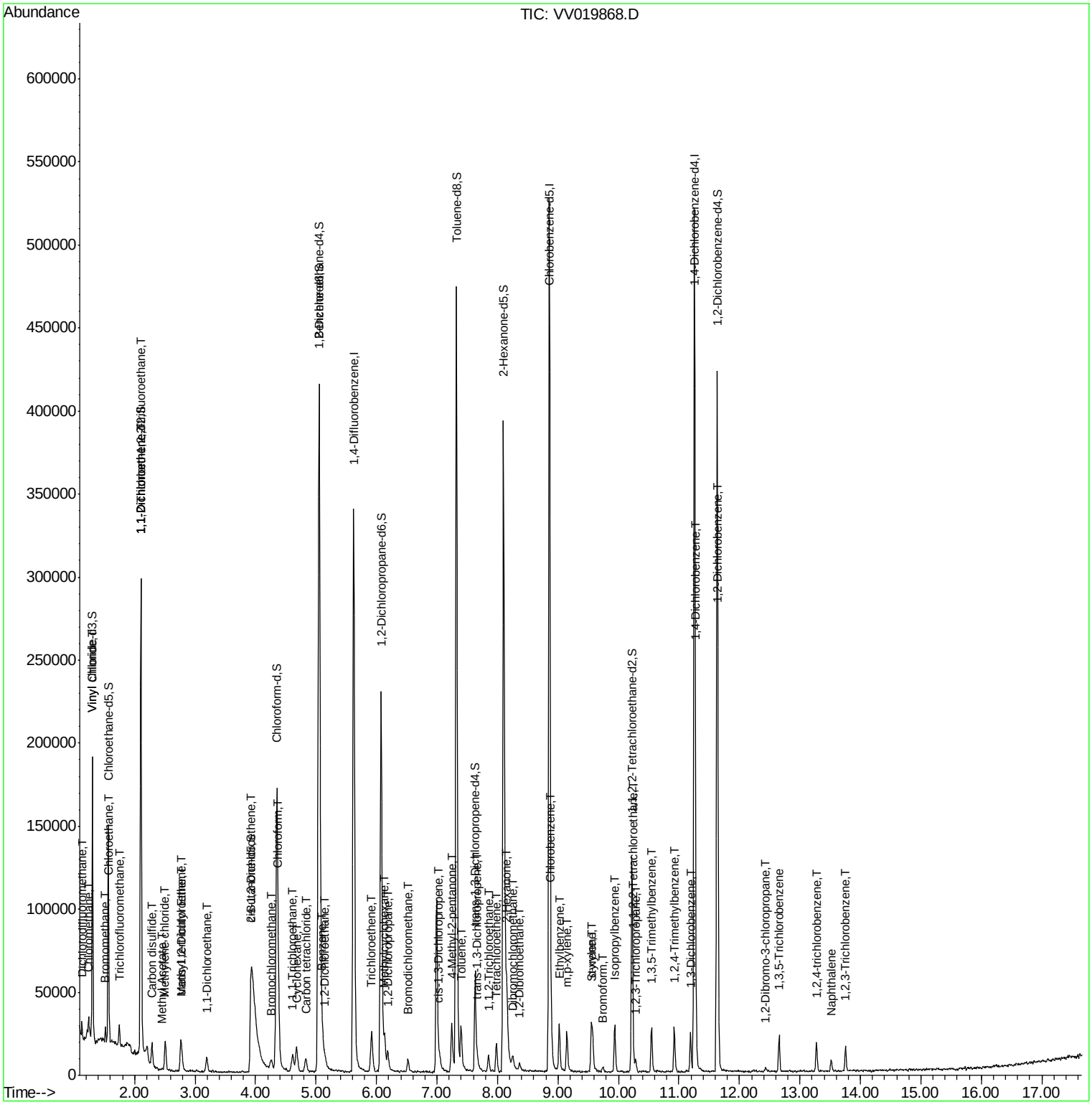
(#) = qualifier out of range (m) = manual integration (+) = signals summed

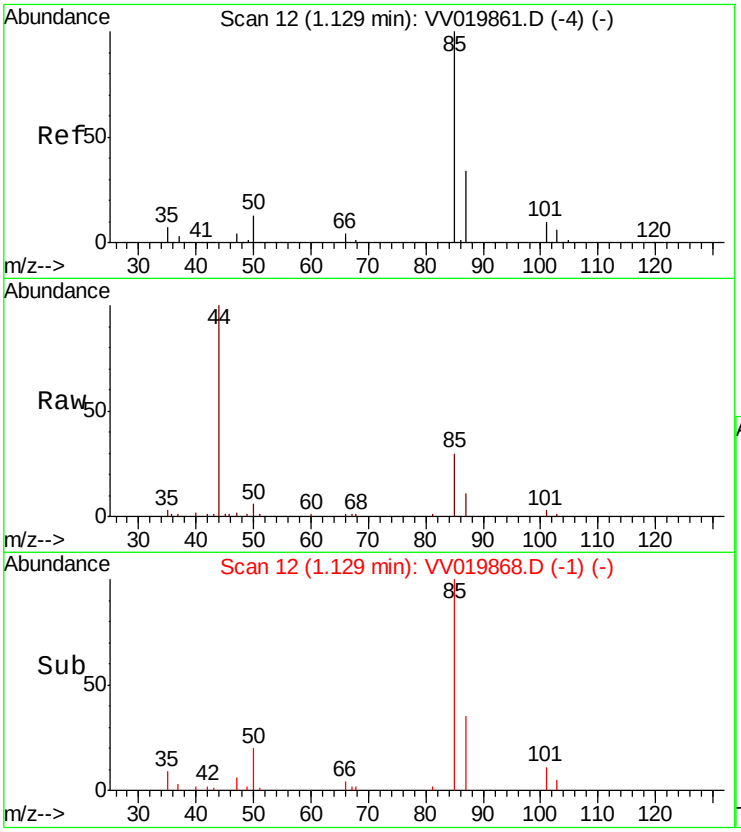
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122920\
Data File : VV019868.D
Acq On : 29 Dec 2020 17:17
Operator : SY/MD
Sample : L4485-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Quant Time: Dec 30 04:50:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 30 04:48:15 2020
Response via : Initial Calibration



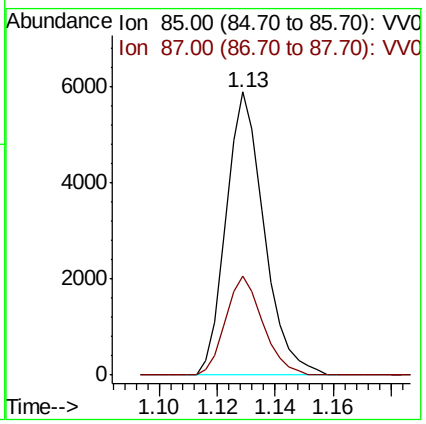


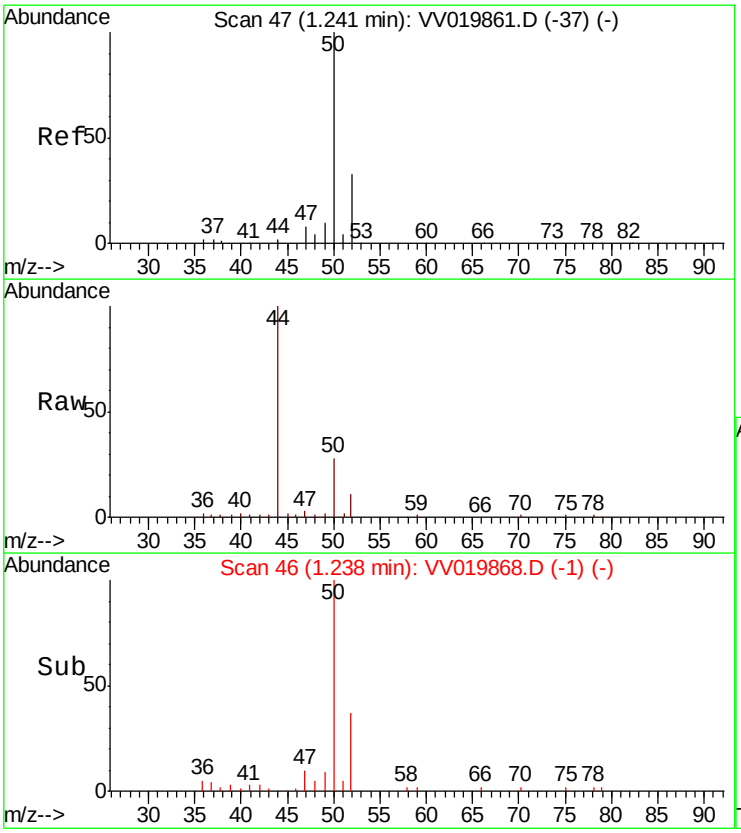
#2
Dichlorodifluoromethane
Concen: 0.202 ug/L
RT: 1.13 min Scan# 12
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion: 85 Resp: 5341

Ion	Ratio	Lower	Upper
85	100		
87	34.3	25.6	38.4

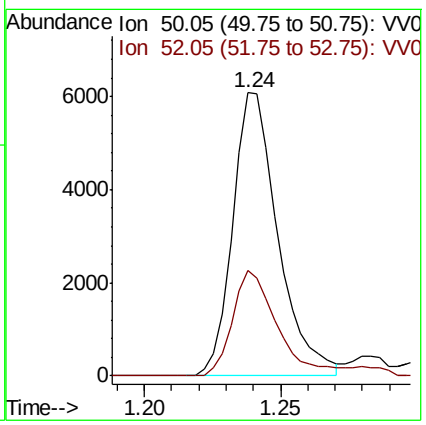


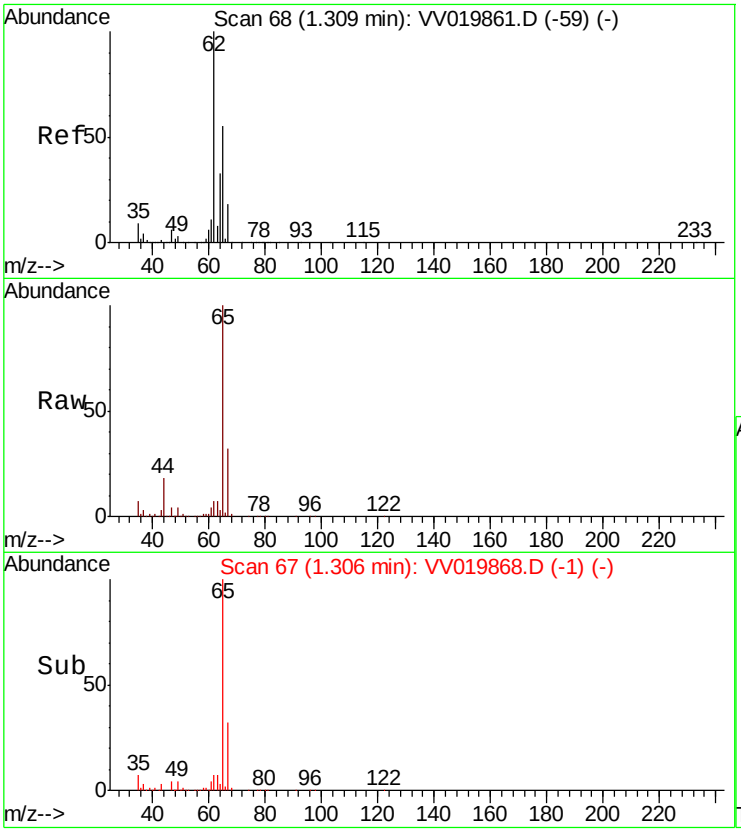


#3
Chloromethane
Concen: 0.239 ug/L
RT: 1.24 min Scan# 46
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion: 50 Resp: 7007

Ion	Ratio	Lower	Upper
50	100		
52	37.2	23.1	42.9



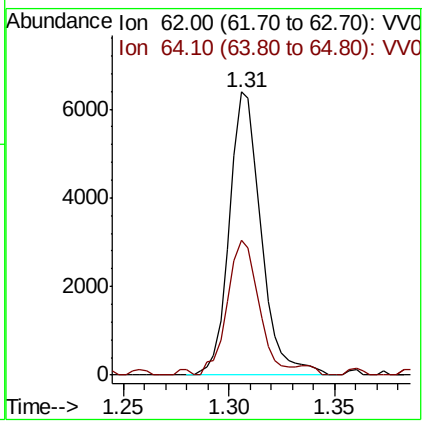


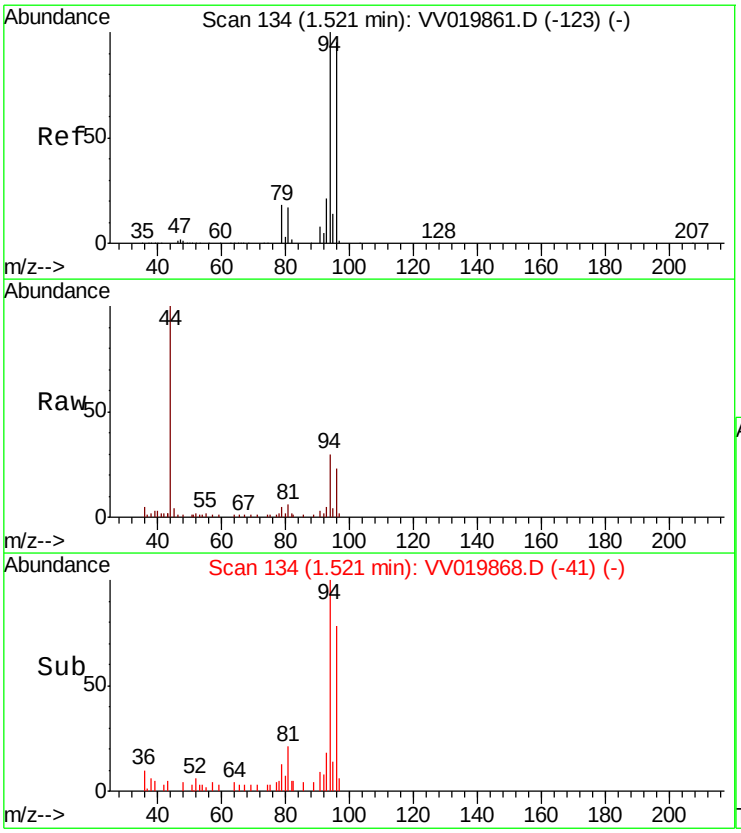
#5
Vinyl chloride
Concen: 0.233 ug/L
RT: 1.31 min Scan# 67
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion: 62 Resp: 6697

Ion	Ratio	Lower	Upper
62	100		
64	47.7	23.2	43.2#

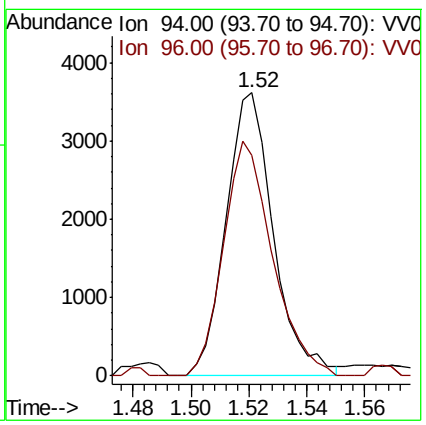


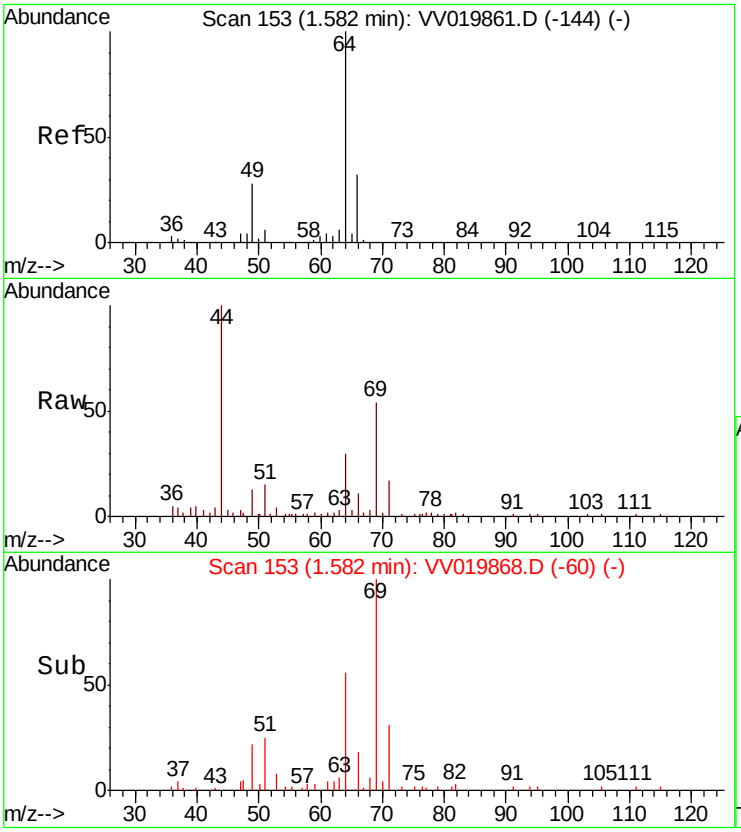


#6
Bromomethane
Concen: 0.244 ug/L
RT: 1.52 min Scan# 134
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion: 94 Resp: 4114

Ion	Ratio	Lower	Upper
94	100		
96	78.2	65.6	121.8



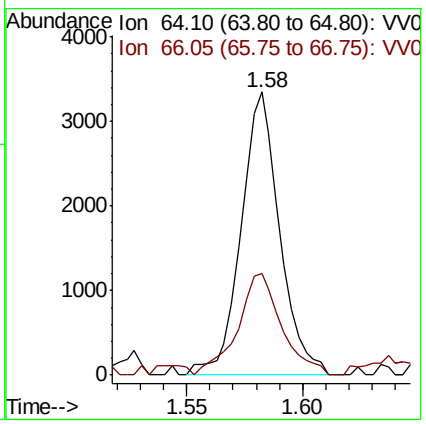


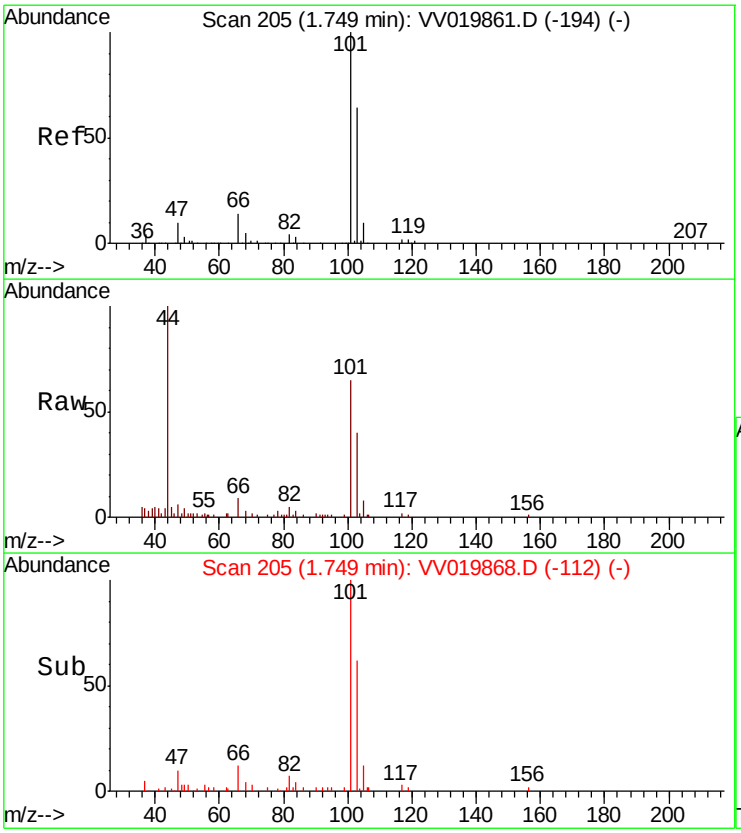
#8
Chloroethane
Concen: 0.221 ug/L
RT: 1.58 min Scan# 153
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion: 64 Resp: 3878

Ion	Ratio	Lower	Upper
64	100		
66	35.9	22.0	40.8

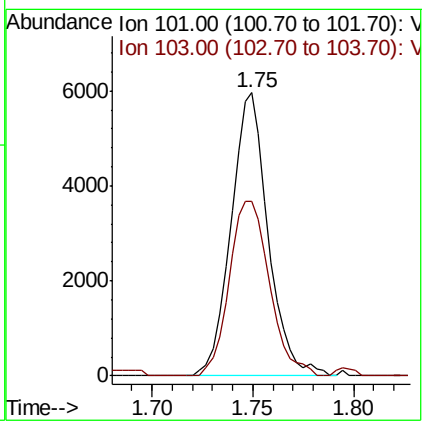


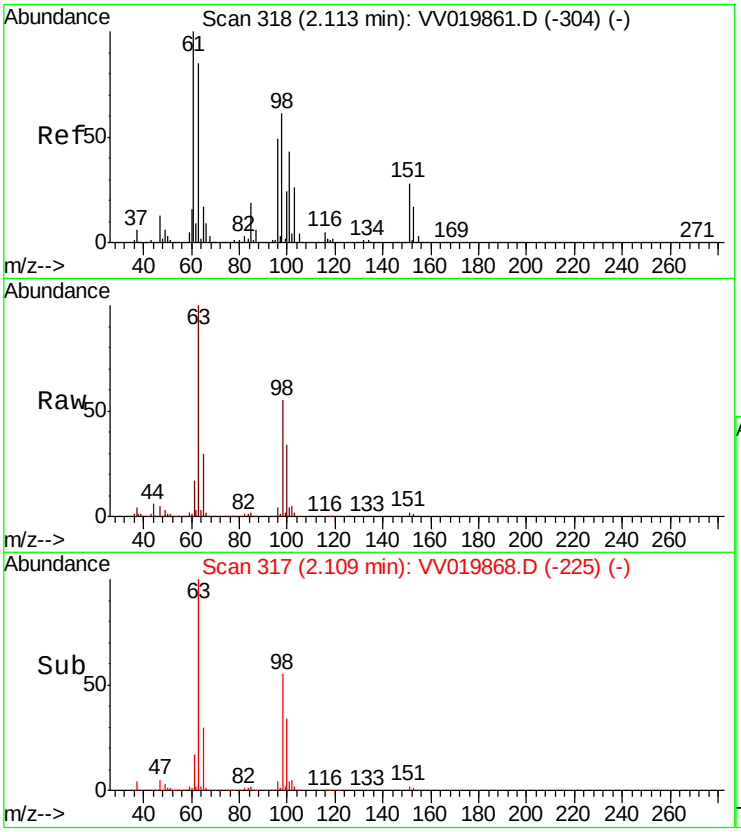


#9
Trichlorofluoromethane
Concen: 0.219 ug/L
RT: 1.75 min Scan# 205
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion:101 Resp: 7659

Ion	Ratio	Lower	Upper
101	100		
103	67.2	51.8	77.8



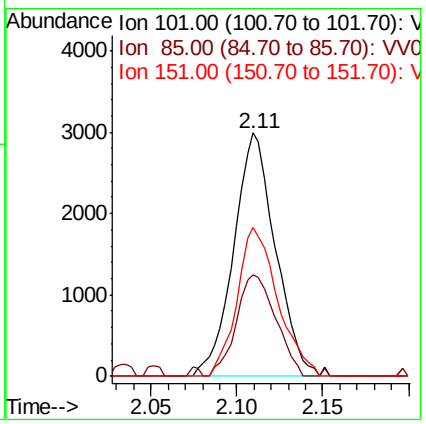


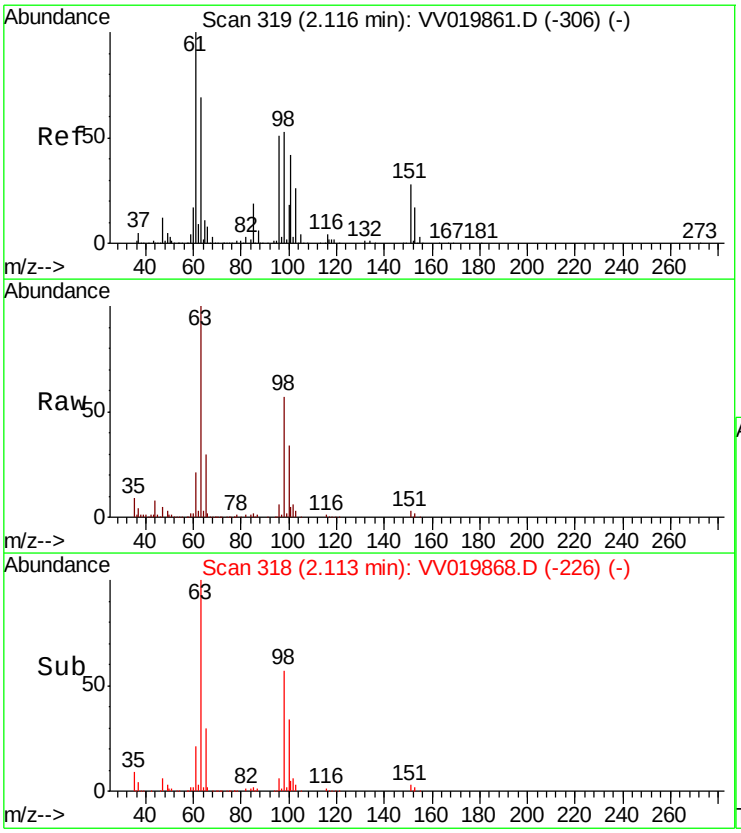
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.268 ug/L
RT: 2.11 min Scan# 317
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion:101 Resp: 5043

Ion	Ratio	Lower	Upper
101	100		
85	39.1	36.4	54.6
151	59.5	54.1	81.1

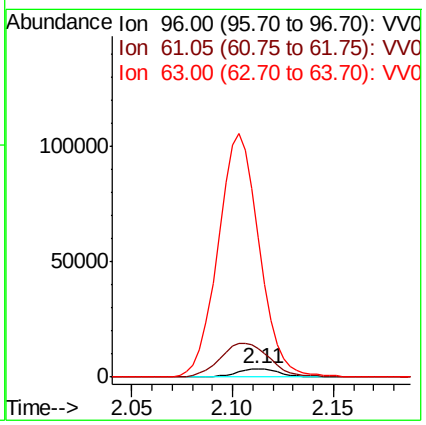


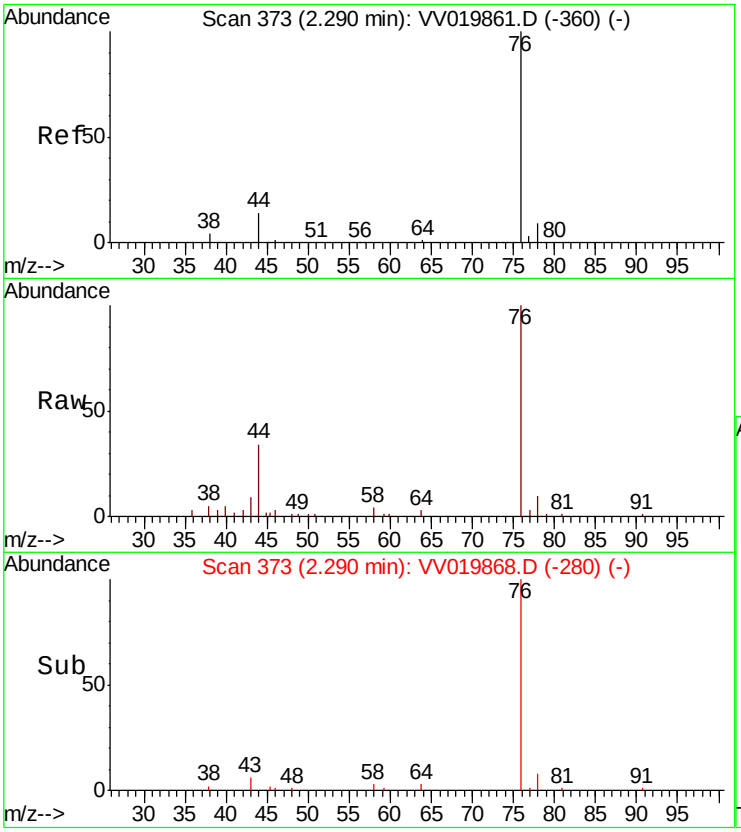


#12
1,1-Dichloroethene
Concen: 0.286 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion: 96 Resp: 5492

Ion	Ratio	Lower	Upper
96	100		
61	350.6	131.5	244.1#
63	1679.5	95.2	176.8#



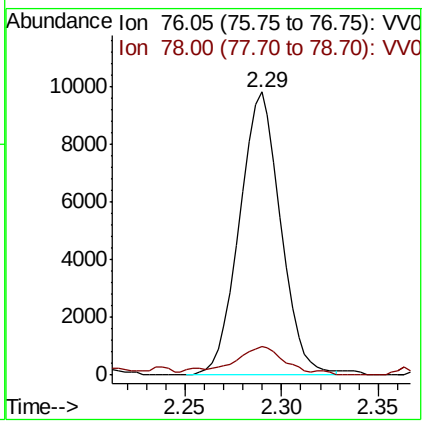


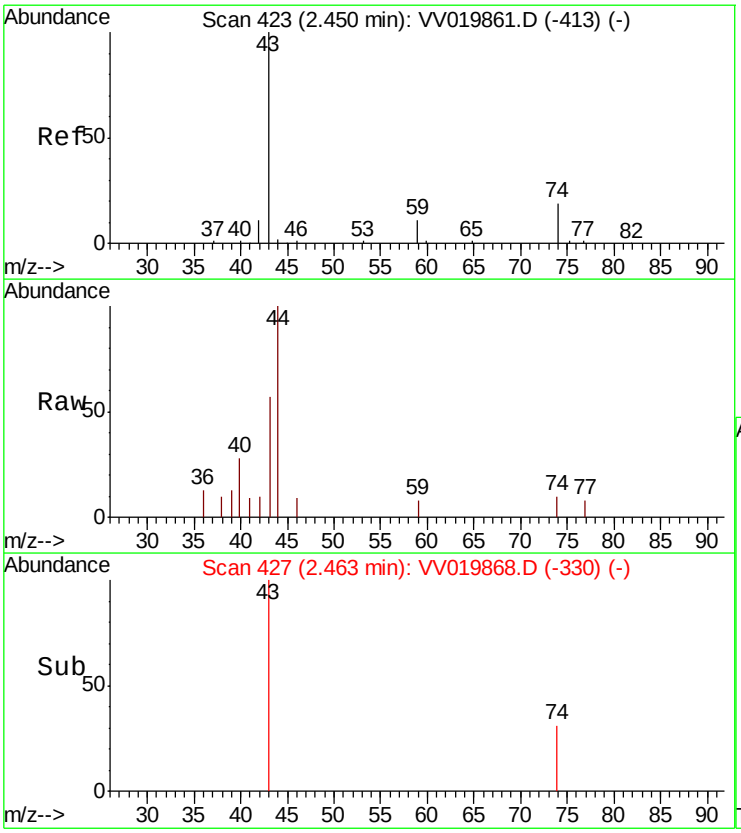
#14
Carbon disulfide
Concen: 0.220 ug/L
RT: 2.29 min Scan# 373
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion: 76 Resp: 14617

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.2	10.8

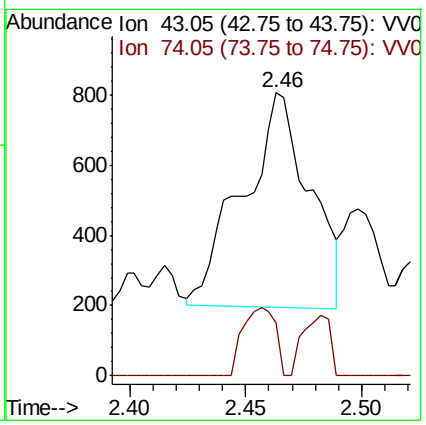


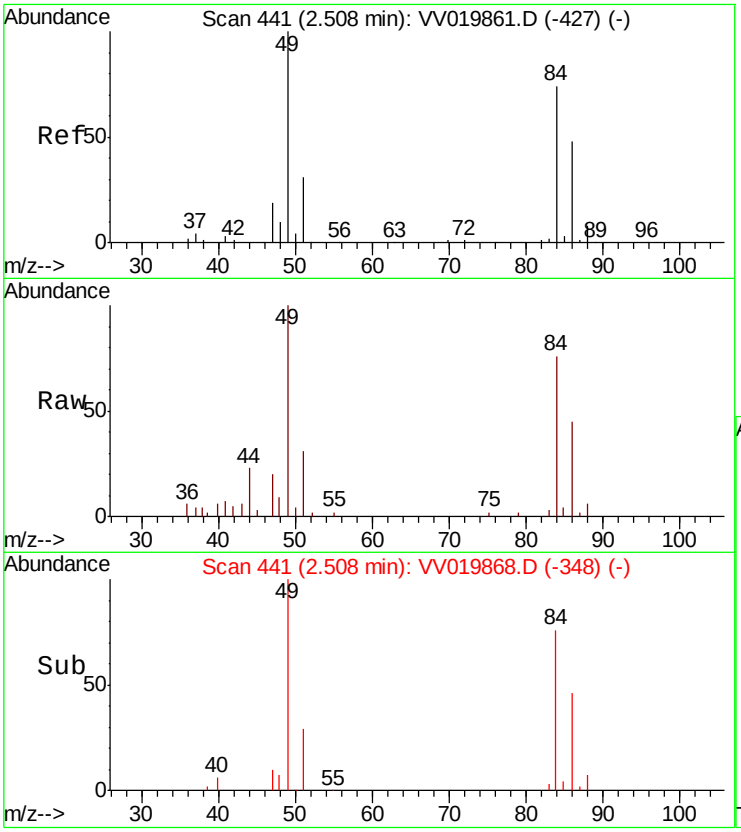


#15
Methyl Acetate
Concen: 0.156 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion: 43 Resp: 1228

Ion	Ratio	Lower	Upper
43	100		
74	15.5	10.6	16.0



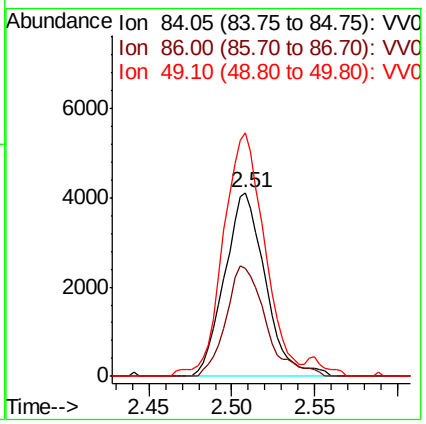


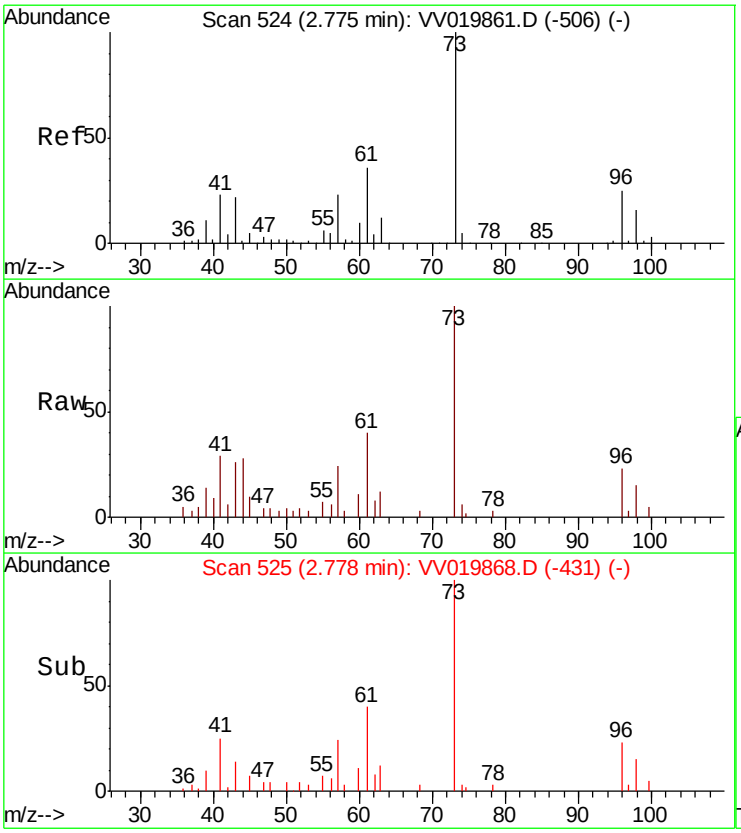
#16
Methylene chloride
Concen: 0.301 ug/L
RT: 2.51 min Scan# 441
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-03

Tgt Ion: 84 Resp: 7046

Ion	Ratio	Lower	Upper
84	100		
86	58.9	42.8	79.4
49	132.3	93.9	174.3

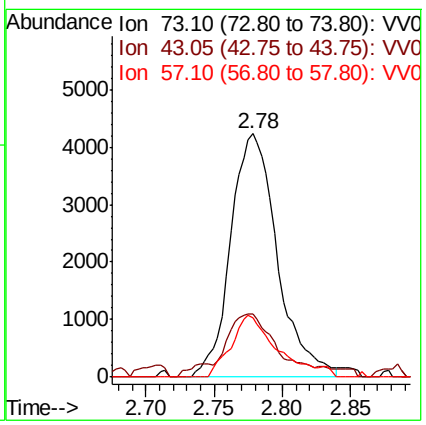


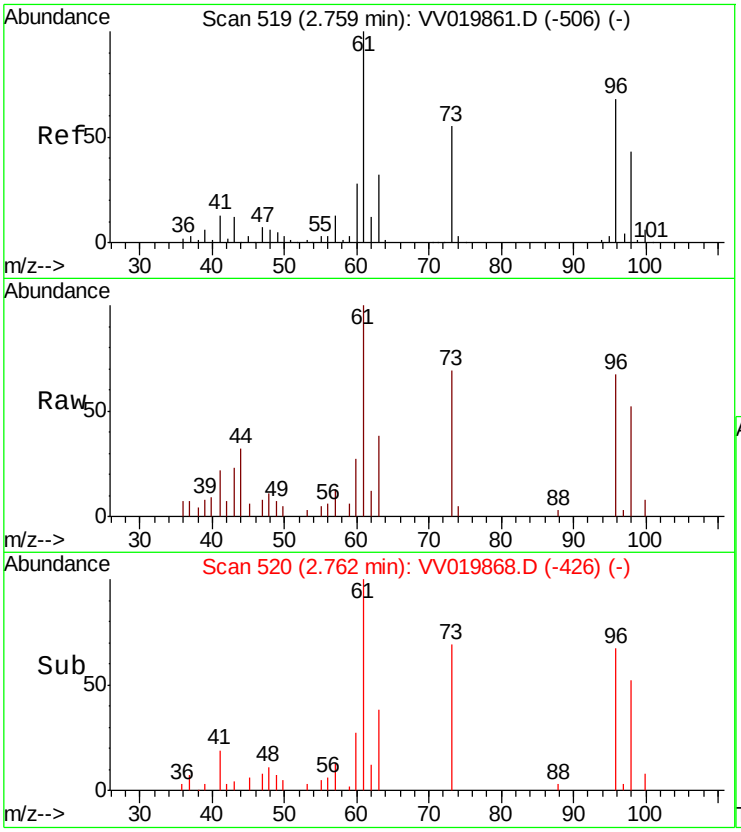


#17
Methyl tert-butyl Ether
Concen: 0.210 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion: 73 Resp: 10077

Ion	Ratio	Lower	Upper
73	100		
43	31.0	17.0	25.6#
57	25.2	18.2	27.4



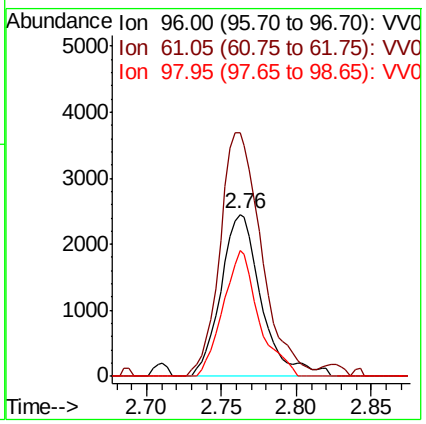


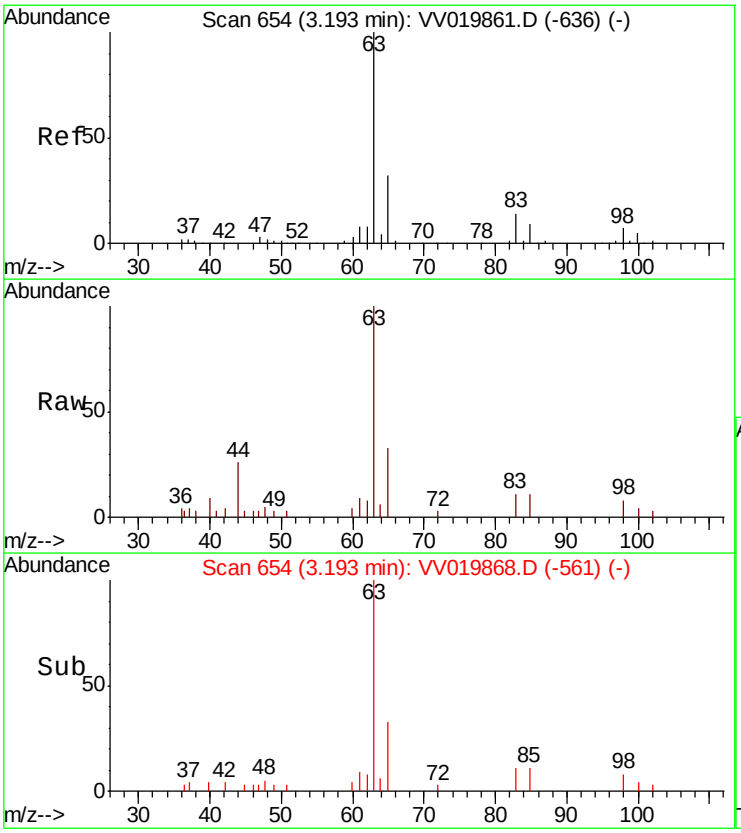
#18
trans-1,2-Dichloroethene
Concen: 0.213 ug/L
RT: 2.76 min Scan# 520
Delta R.T. 0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion: 96 Resp: 4613

Ion	Ratio	Lower	Upper
96	100		
61	150.1	106.3	197.3
98	77.5	44.7	82.9

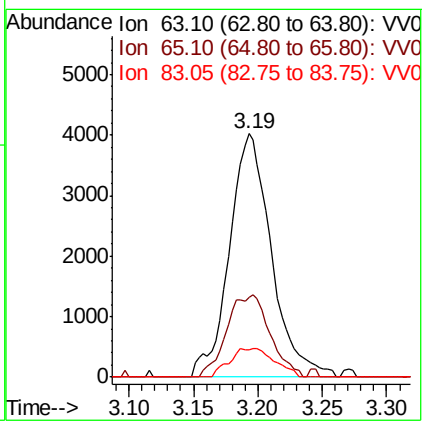


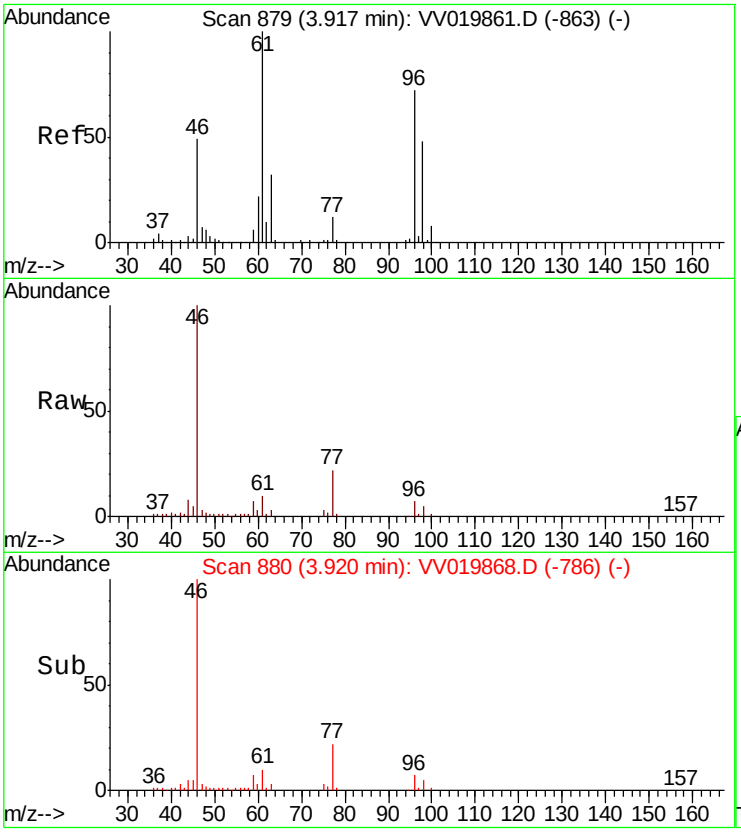


#19
1,1-Dichloroethane
Concen: 0.217 ug/L
RT: 3.19 min Scan# 654
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion: 63 Resp: 9120

Ion	Ratio	Lower	Upper
63	100		
65	32.9	21.8	40.6
83	11.0	9.0	16.8



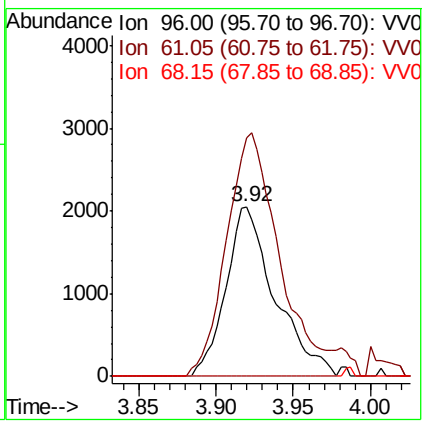


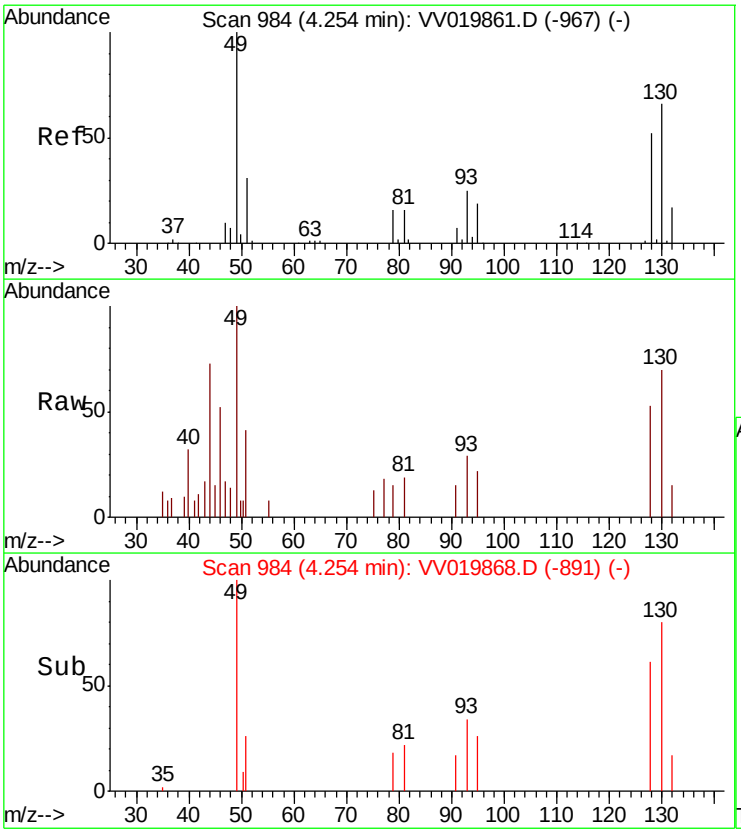
#22
cis-1,2-Dichloroethene
Concen: 0.201 ug/L
RT: 3.92 min Scan# 880
Delta R.T. 0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion: 96 Resp: 4528

Ion	Ratio	Lower	Upper
96	100		
61	140.9	98.1	182.3
68	0.0	0.0	0.0

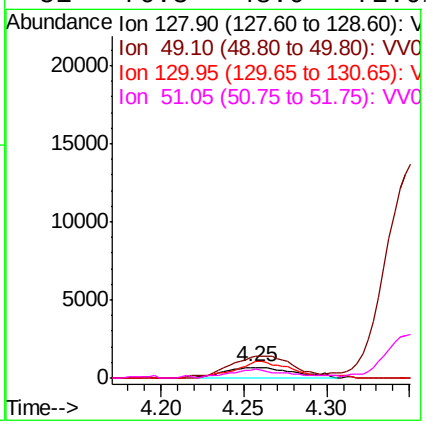


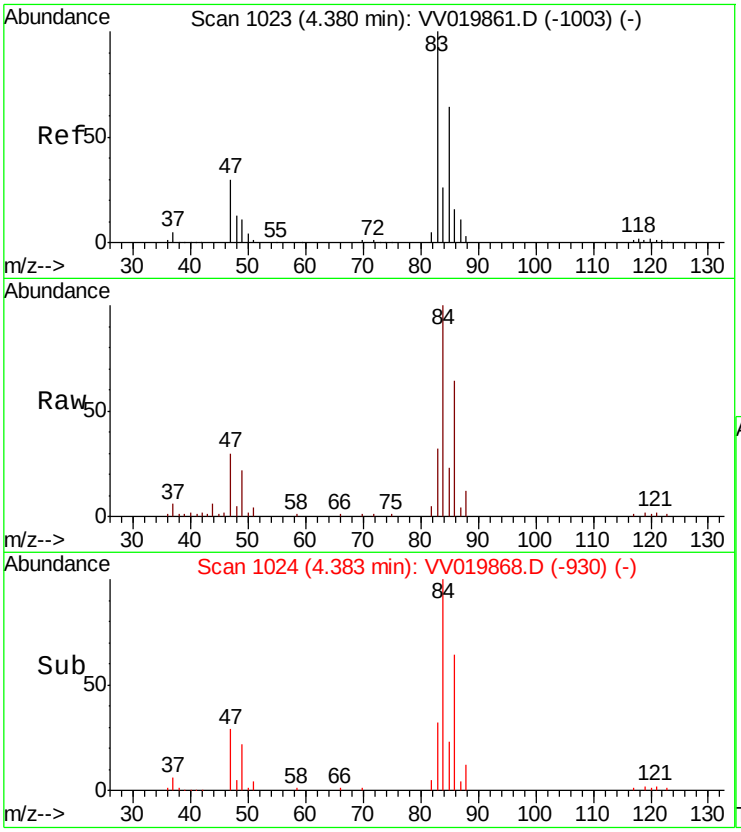


#23
Bromochloromethane
Concen: 0.223 ug/L
RT: 4.25 min Scan# 984
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion:128 Resp: 2002

Ion	Ratio	Lower	Upper
128	100		
49	202.2	132.6	246.2
130	131.0	86.4	160.4
51	76.3	48.0	72.0#



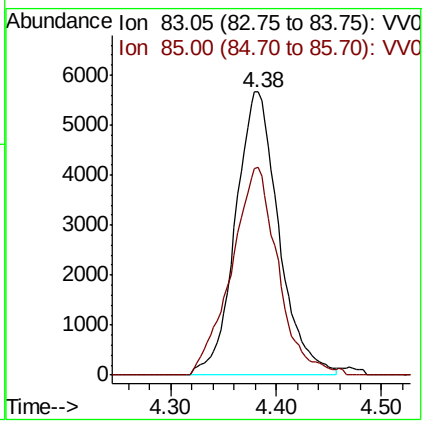


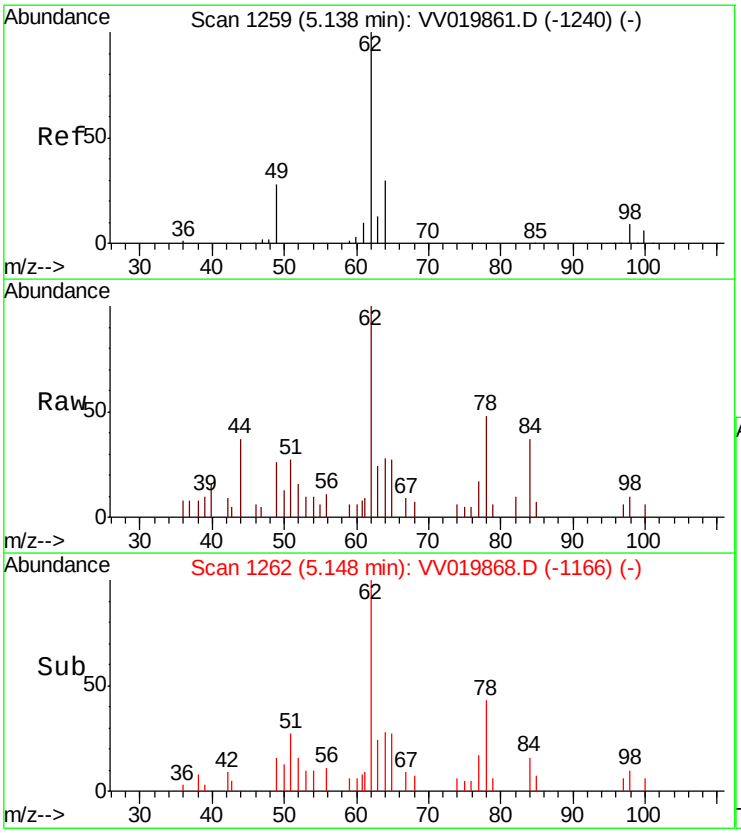
#25
Chloroform
Concen: 0.387 ug/L
RT: 4.38 min Scan# 1024
Delta R.T. 0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion: 83 Resp: 16172

Ion	Ratio	Lower	Upper
83	100		
85	73.2	46.4	86.2

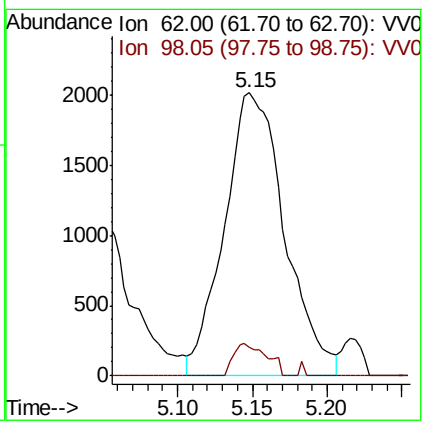


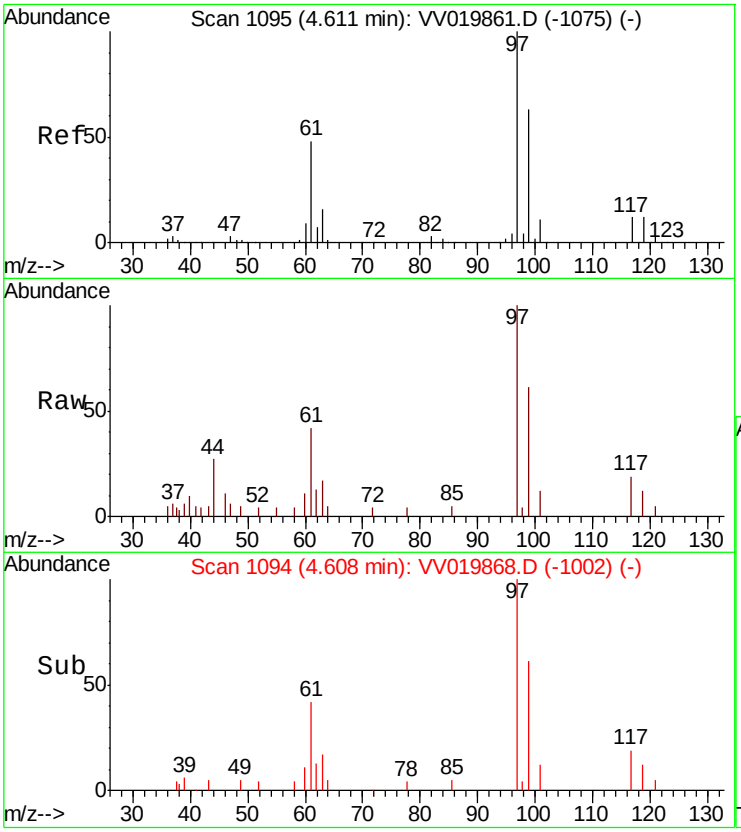


#27
1,2-Dichloroethane
Concen: 0.223 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion: 62 Resp: 5674

Ion	Ratio	Lower	Upper
62	100		
98	10.2	7.6	11.4



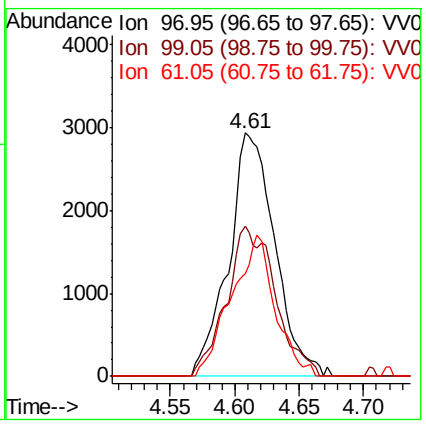


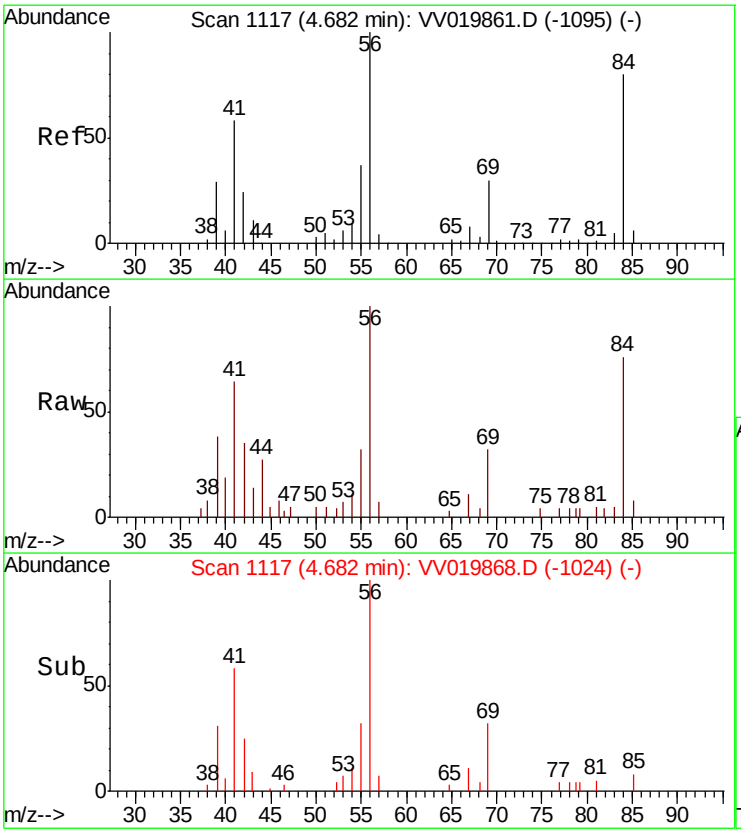
#29
1,1,1-Trichloroethane
Concen: 0.207 ug/L
RT: 4.61 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion: 97 Resp: 7340

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.1	76.7
61	54.7	38.6	57.8

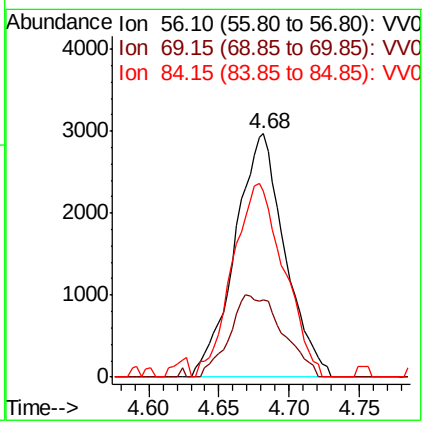


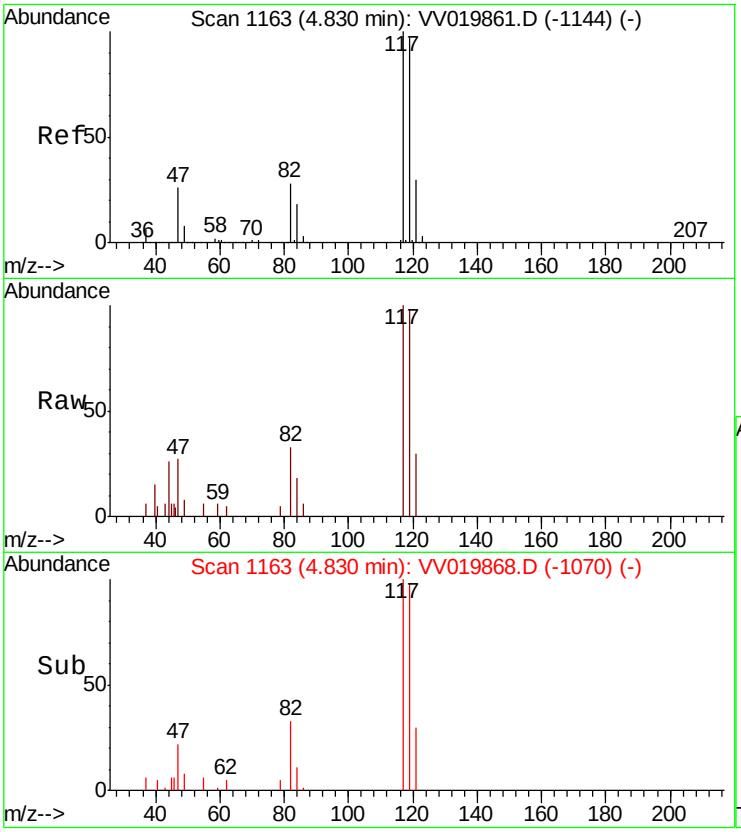


#30
Cyclohexane
Concen: 0.205 ug/L
RT: 4.68 min Scan# 1117
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion: 56 Resp: 7334

Ion	Ratio	Lower	Upper
56	100		
69	35.9	24.1	36.1
84	82.1	66.8	100.2



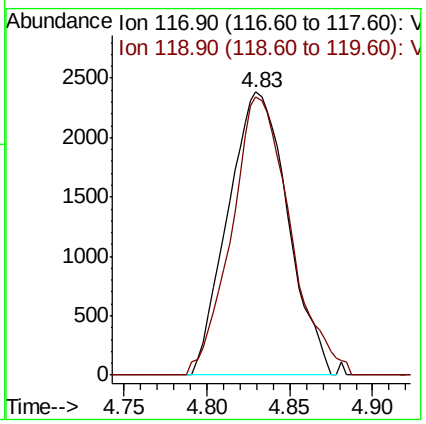


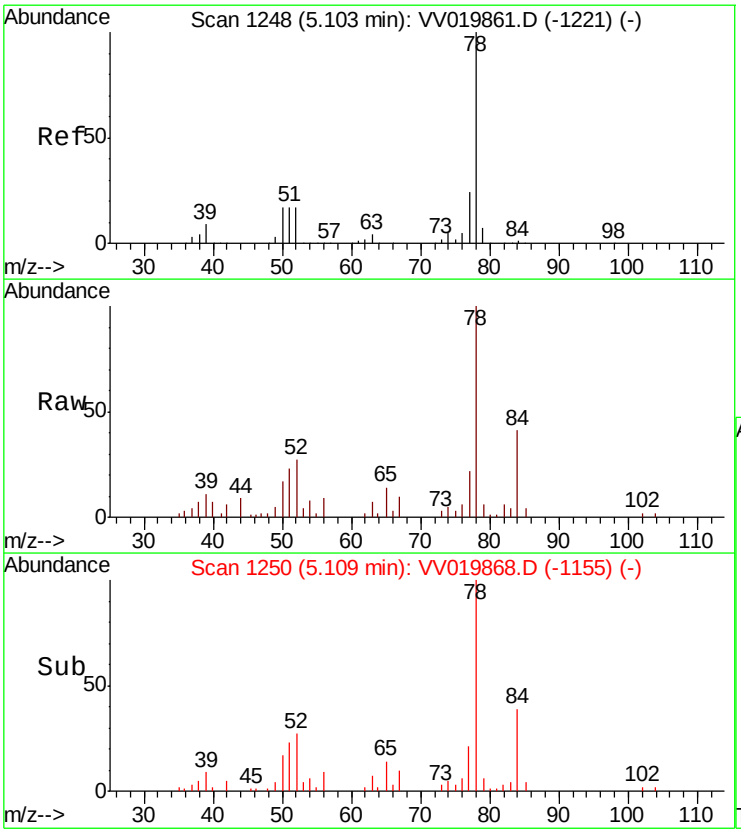
#31
Carbon tetrachloride
Concen: 0.206 ug/L
RT: 4.83 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion:117 Resp: 5986

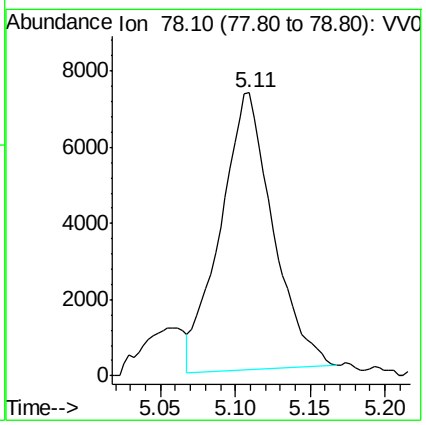
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.0	114.0

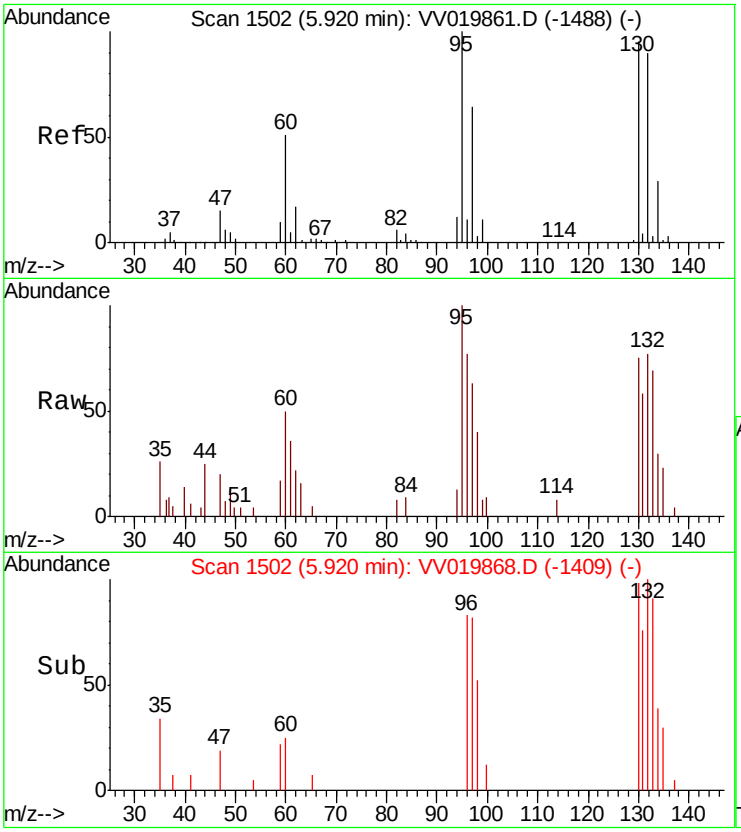




#33
Benzene
Concen: 0.204 ug/L
RT: 5.11 min Scan# 1250
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion: 78 Resp: 17755



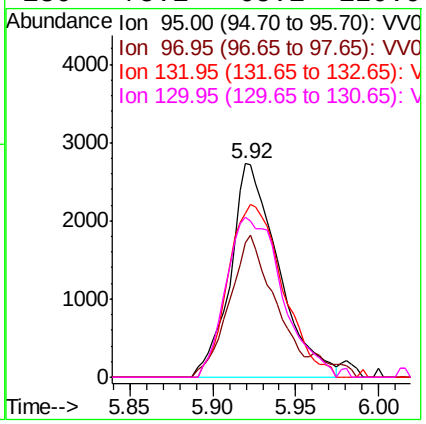


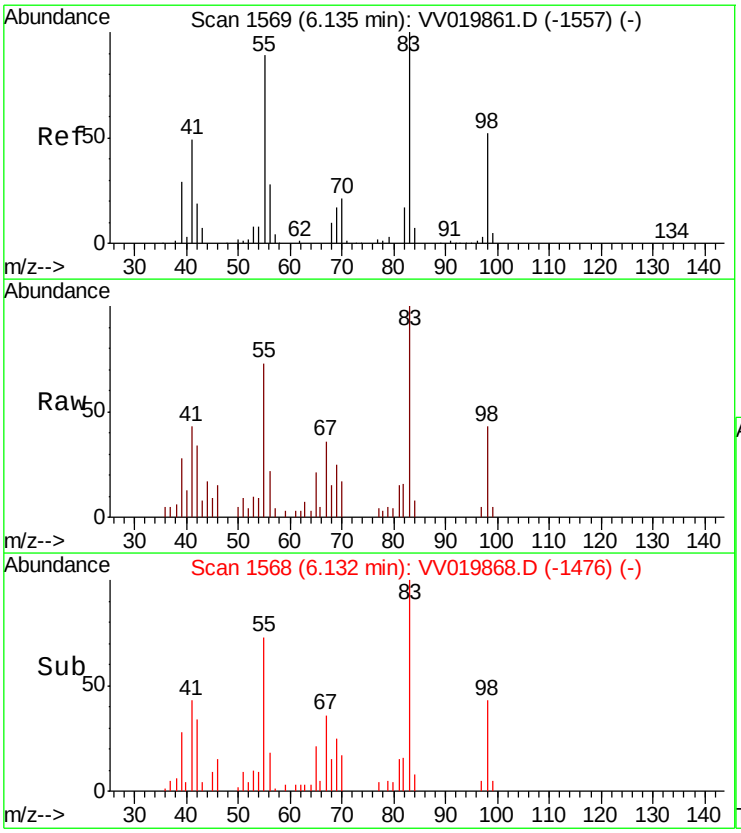
#34
Trichloroethene
Concen: 0.237 ug/L
RT: 5.92 min Scan# 1502
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion: 95 Resp: 5524

Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.1	81.9
132	76.6	61.2	113.8
130	75.1	65.1	120.9

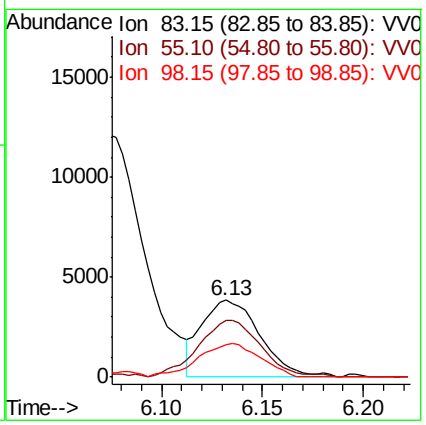


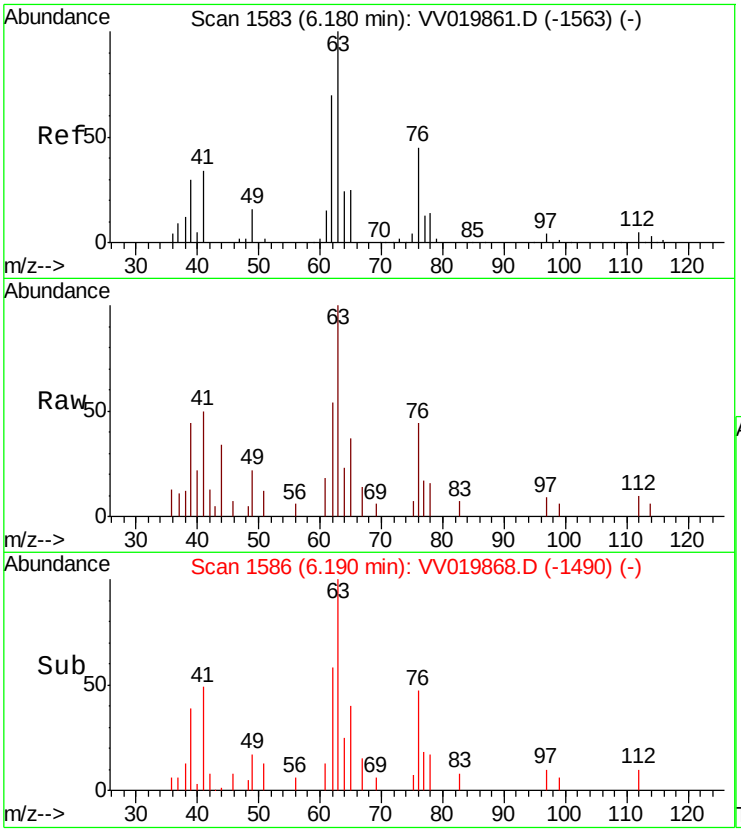


#35
Methylcyclohexane
Concen: 0.224 ug/L
RT: 6.13 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion: 83 Resp: 7814

Ion	Ratio	Lower	Upper
83	100		
55	78.2	67.5	101.3
98	45.9	38.6	58.0



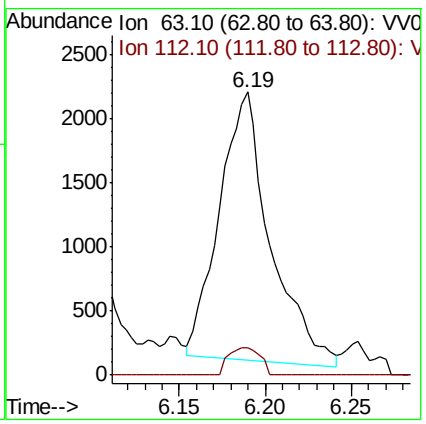


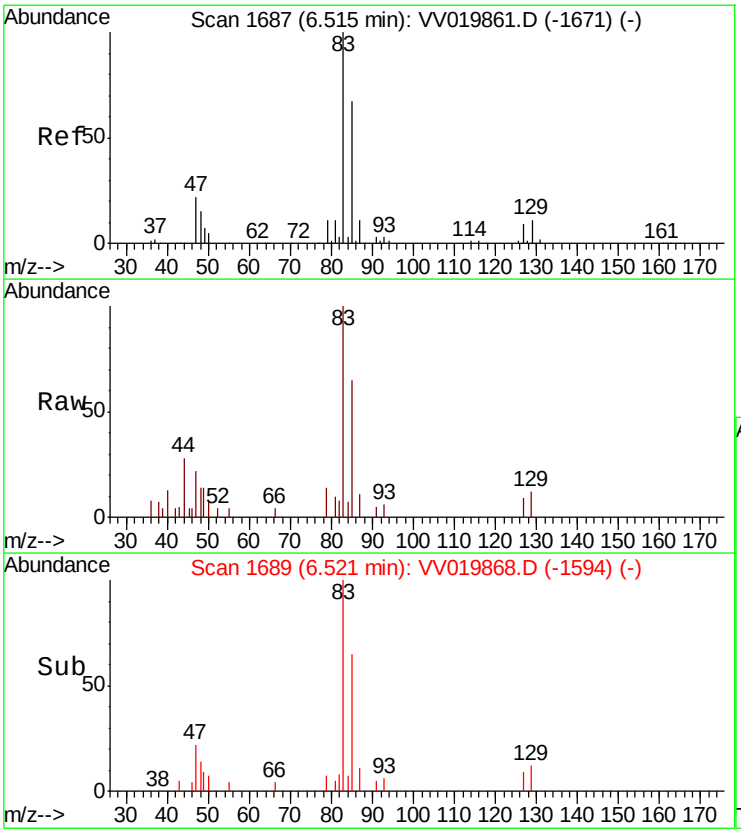
#37
1,2-Dichloropropane
Concen: 0.196 ug/L
RT: 6.19 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion: 63 Resp: 4296

Ion	Ratio	Lower	Upper
63	100		
112	6.3	3.6	5.4#

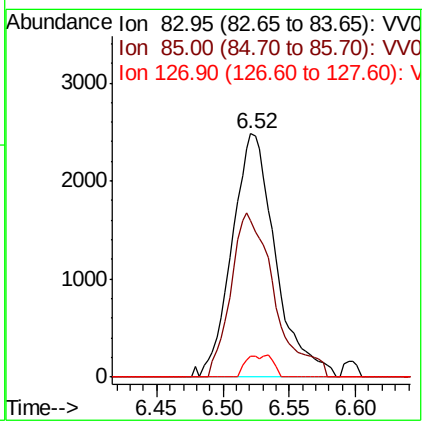


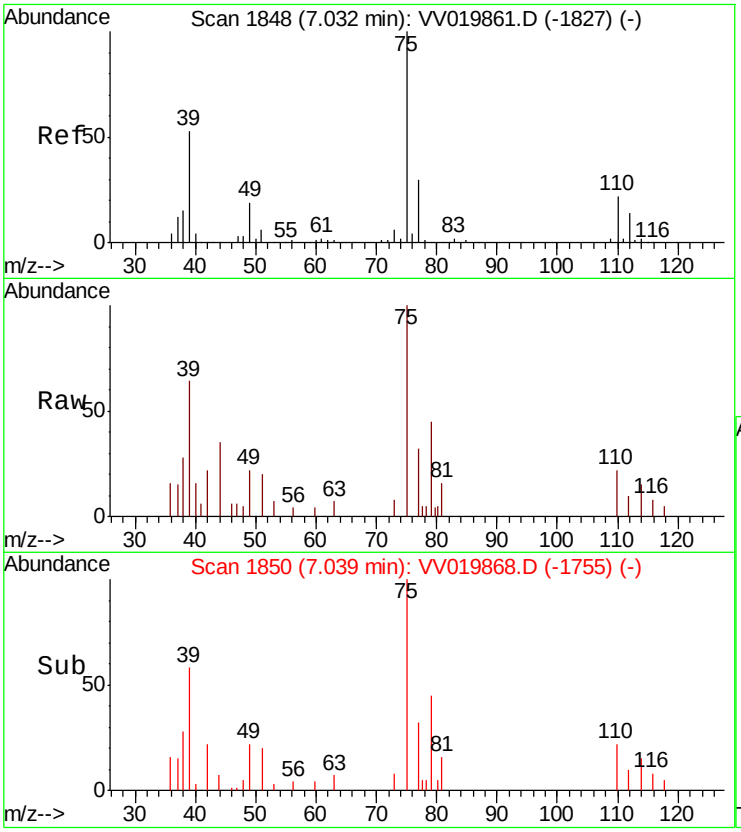


#38
Bromodichloromethane
Concen: 0.210 ug/L
RT: 6.52 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion: 83 Resp: 5673

Ion	Ratio	Lower	Upper
83	100		
85	64.6	45.9	85.3
127	8.6	6.2	9.2



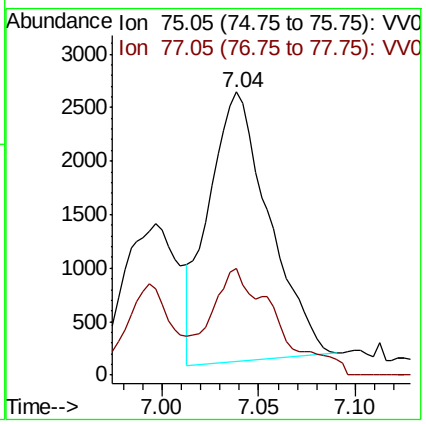


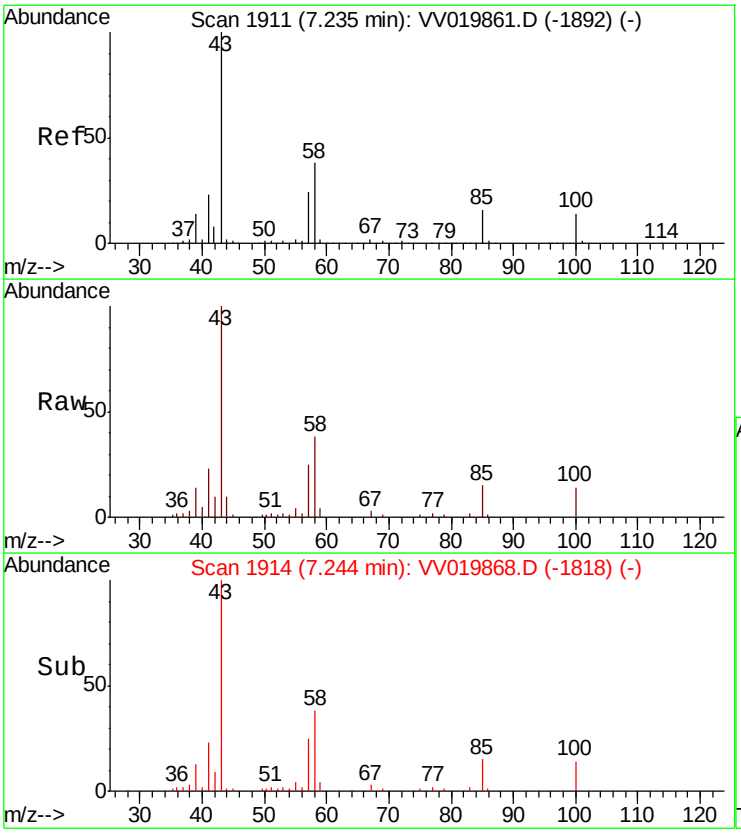
#39
cis-1,3-Dichloropropene
Concen: 0.182 ug/L
RT: 7.04 min Scan# 1850
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion: 75 Resp: 5458

Ion	Ratio	Lower	Upper
75	100		
77	37.7	21.0	39.0

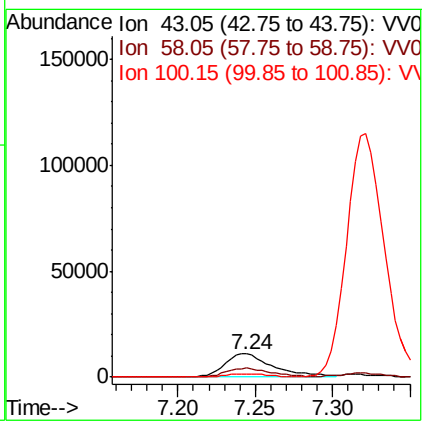


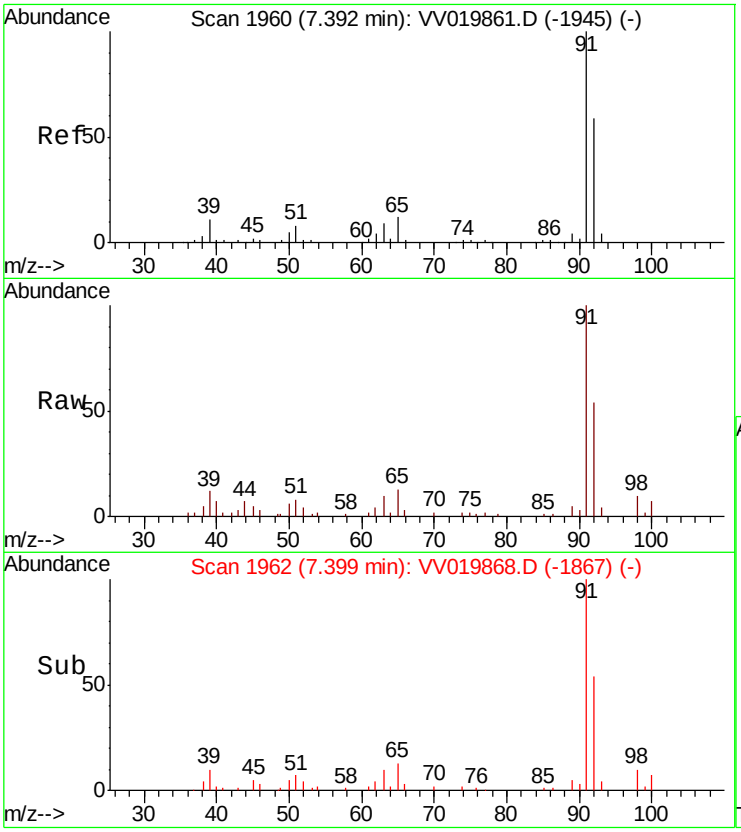


#40
4-Methyl-2-pentanone
Concen: 1.936 ug/L
RT: 7.24 min Scan# 1914
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion: 43 Resp: 23916

Ion	Ratio	Lower	Upper
43	100		
58	35.8	30.0	45.0
100	0.0	11.4	17.0#



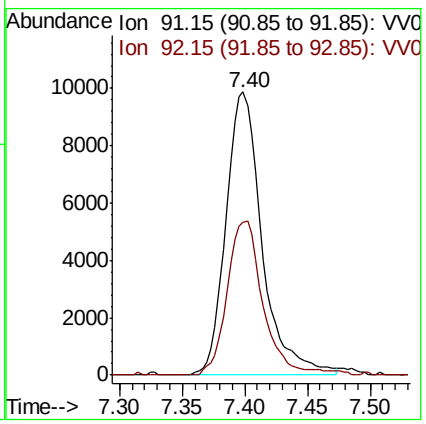


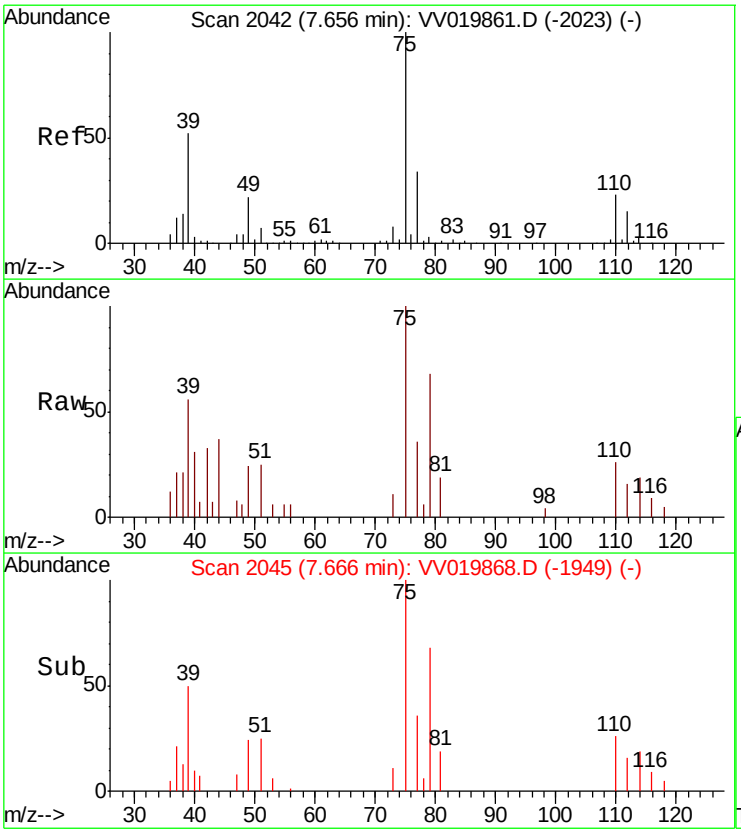
#42
Toluene
Concen: 0.224 ug/L
RT: 7.40 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion: 91 Resp: 19809

Ion	Ratio	Lower	Upper
91	100		
92	54.1	40.9	76.0

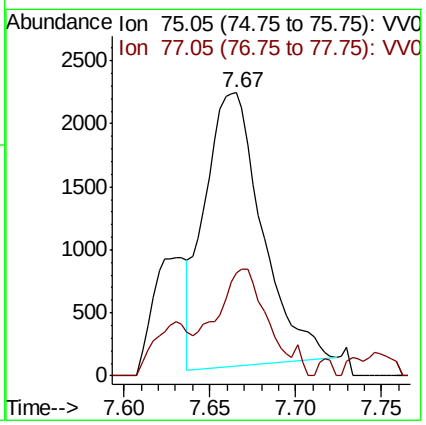


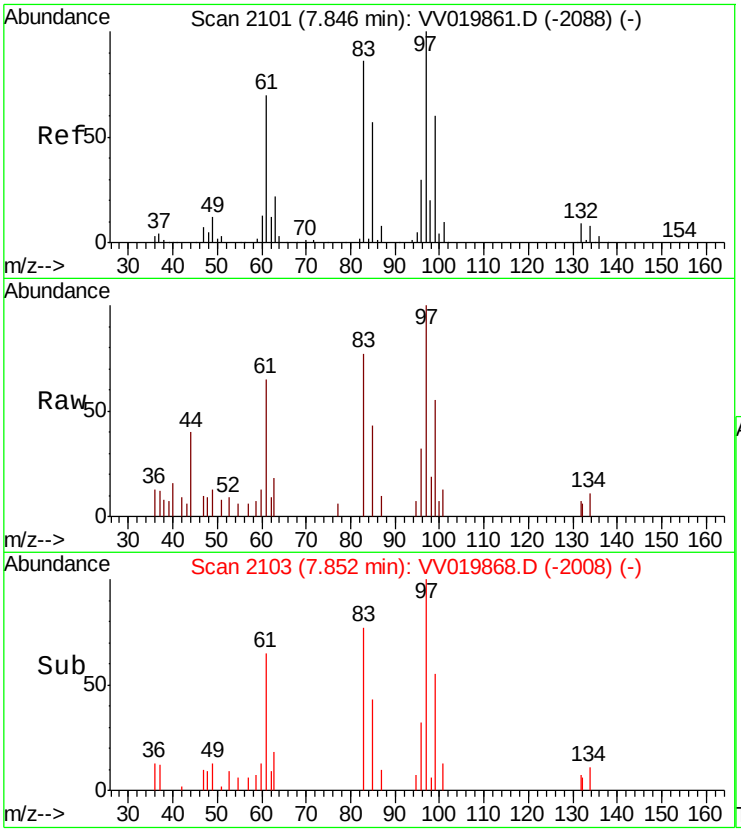


#44
trans-1,3-Dichloropropene
Concen: 0.205 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion: 75 Resp: 5048

Ion	Ratio	Lower	Upper
75	100		
77	36.3	21.1	39.3



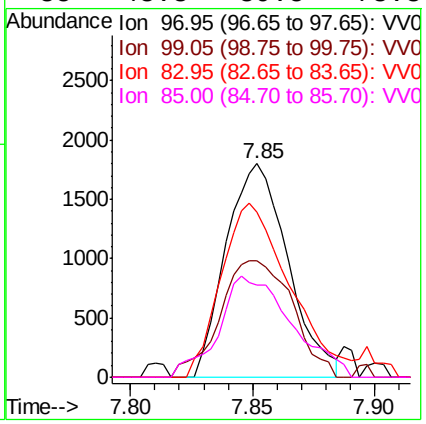


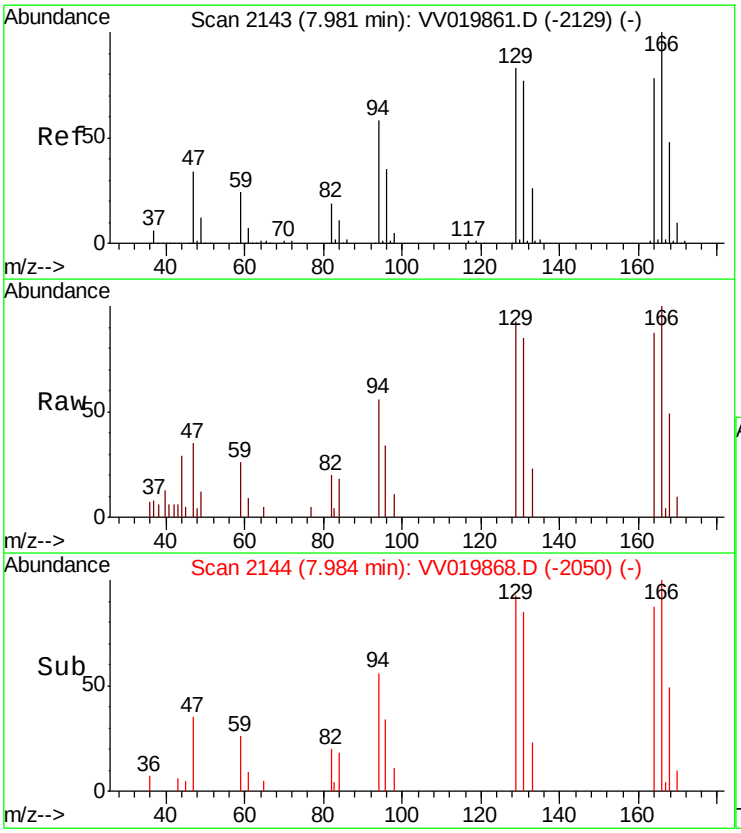
#45
1,1,2-Trichloroethane
Concen: 0.225 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion: 97 Resp: 3179

Ion	Ratio	Lower	Upper
97	100		
99	54.7	42.4	78.8
83	77.1	59.4	110.4
85	43.3	39.5	73.3

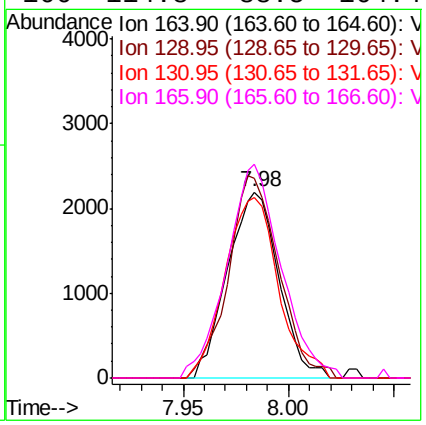


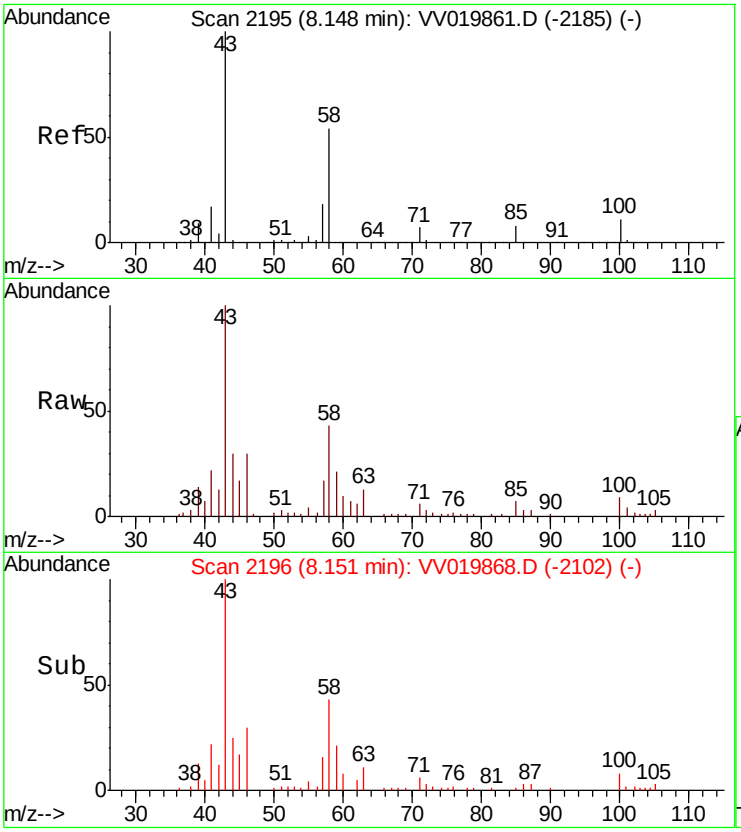


#47
Tetrachloroethene
Concen: 0.233 ug/L
RT: 7.98 min Scan# 2144
Delta R.T. 0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion:164 Resp: 3694

Ion	Ratio	Lower	Upper
164	100		
129	107.0	72.1	133.9
131	97.1	68.9	127.9
166	114.8	88.5	164.4



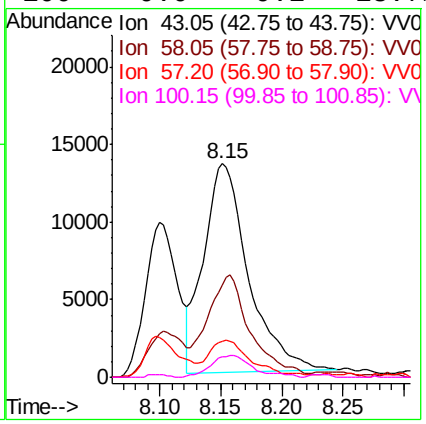


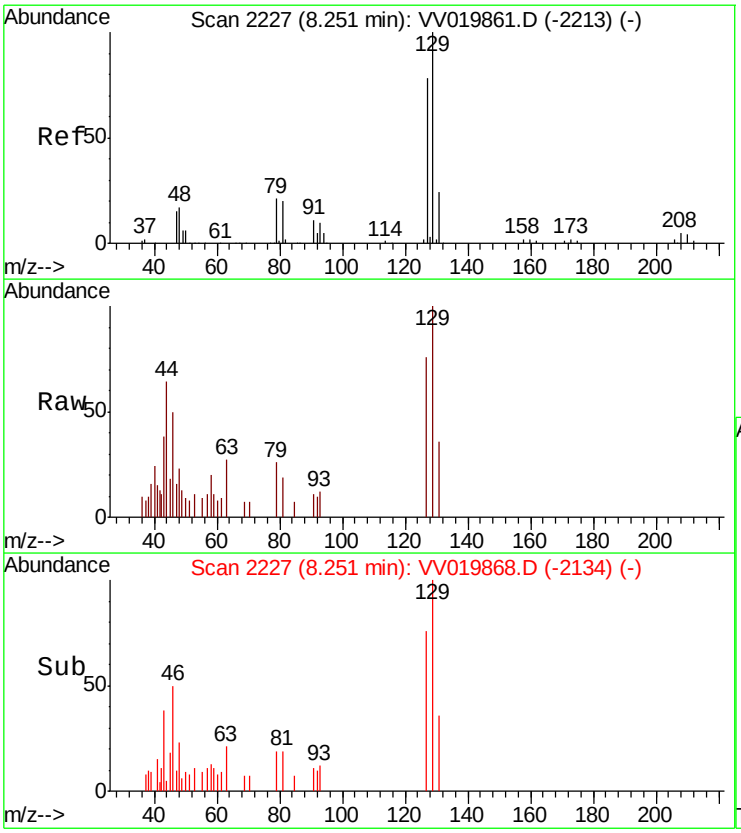
#48
2-Hexanone
Concen: 4.027 ug/L
RT: 8.15 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-03

Tgt Ion: 43 Resp: 34476

Ion	Ratio	Lower	Upper
43	100		
58	46.0	42.4	63.6
57	15.1	14.8	22.2
100	9.0	9.1	13.7#

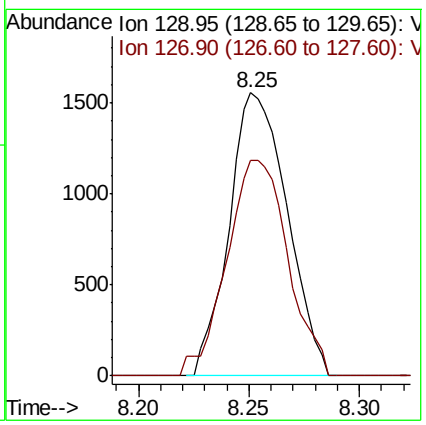


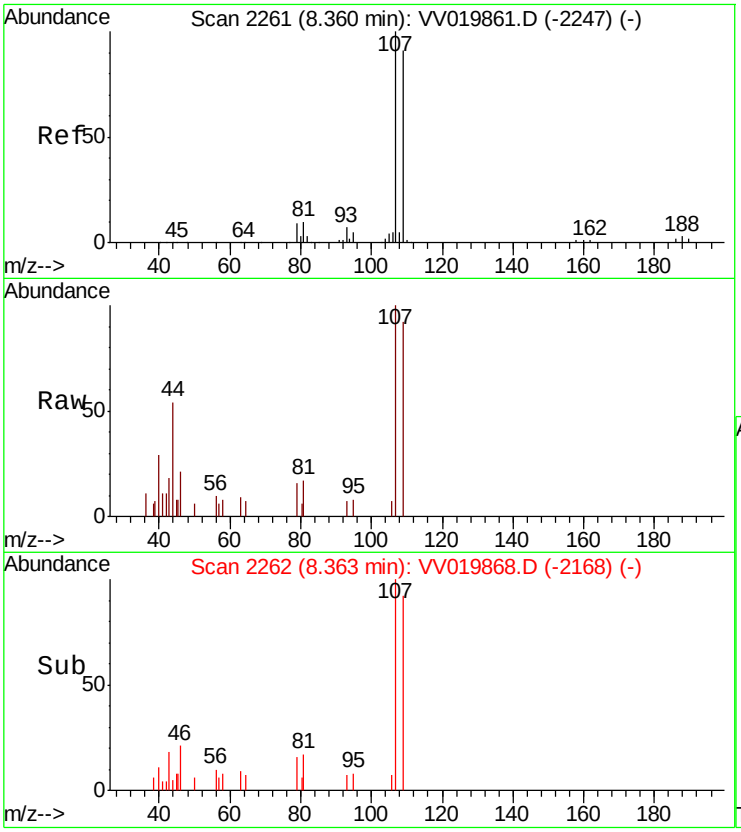


#49
Dibromochloromethane
Concen: 0.186 ug/L
RT: 8.25 min Scan# 2227
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion:129 Resp: 2846

Ion	Ratio	Lower	Upper
129	100		
127	75.9	55.0	102.2



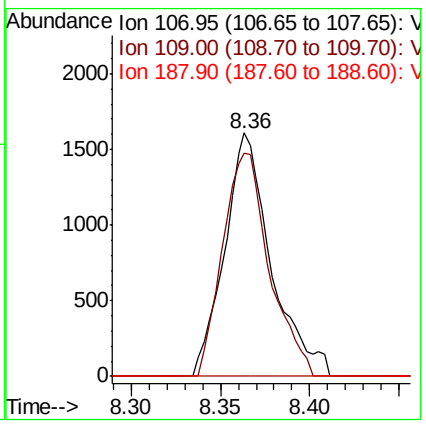


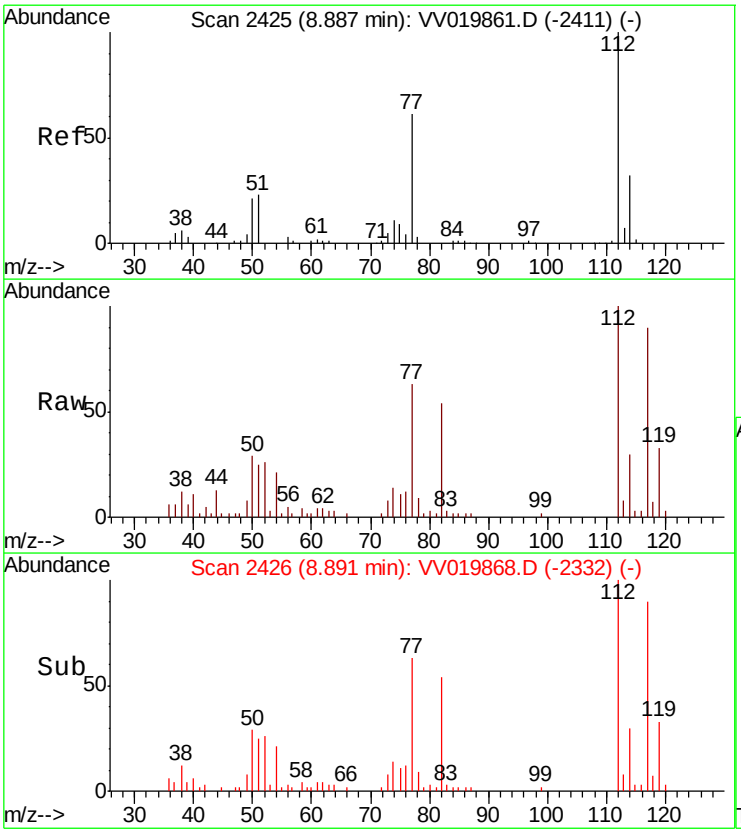
#50
1,2-Dibromoethane
Concen: 0.227 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion:107 Resp: 2920

Ion	Ratio	Lower	Upper
107	100		
109	91.9	63.8	118.4
188	0.0	2.5	3.7#

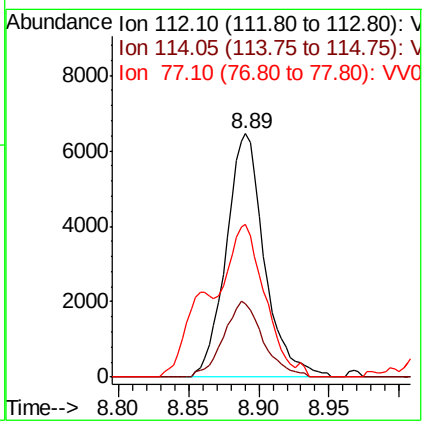


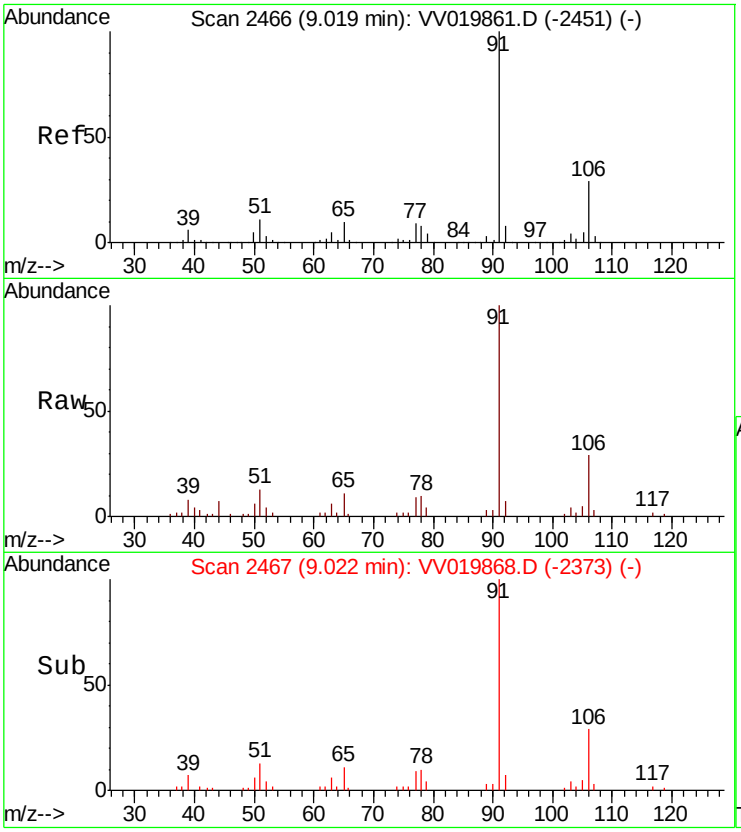


#51
Chlorobenzene
Concen: 0.219 ug/L
RT: 8.89 min Scan# 2426
Delta R.T. 0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion:112 Resp: 12275

Ion	Ratio	Lower	Upper
112	100		
114	30.2	21.8	40.6
77	62.6	51.0	76.4



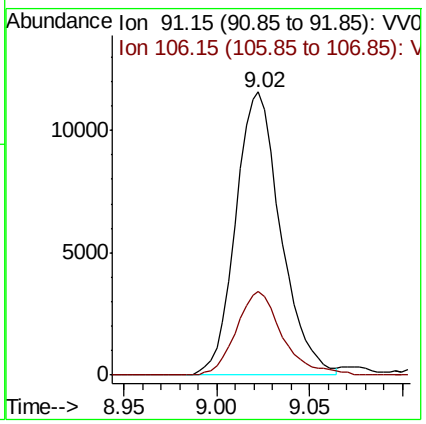


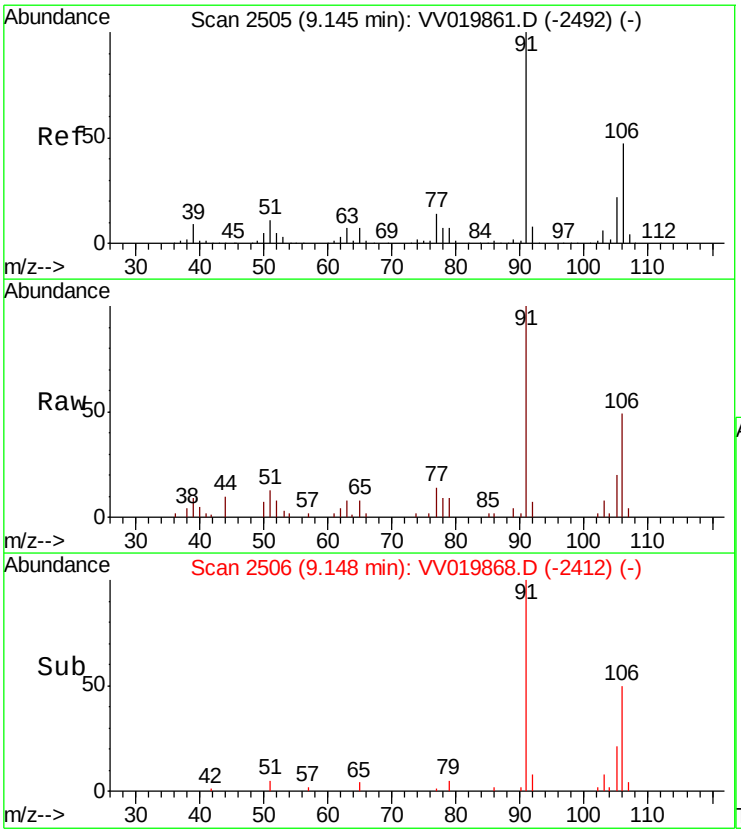
#52
Ethylbenzene
Concen: 0.199 ug/L
RT: 9.02 min Scan# 2467
Delta R.T. 0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-03

Tgt Ion: 91 Resp: 19567

Ion	Ratio	Lower	Upper
91	100		
106	29.4	20.9	38.7

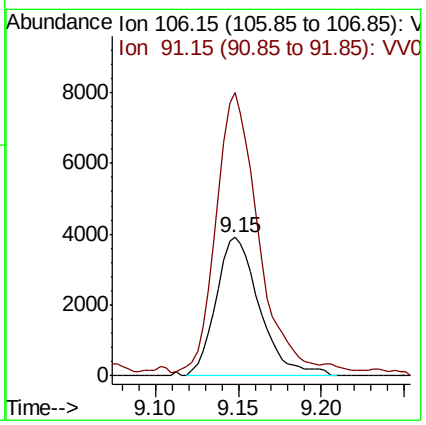


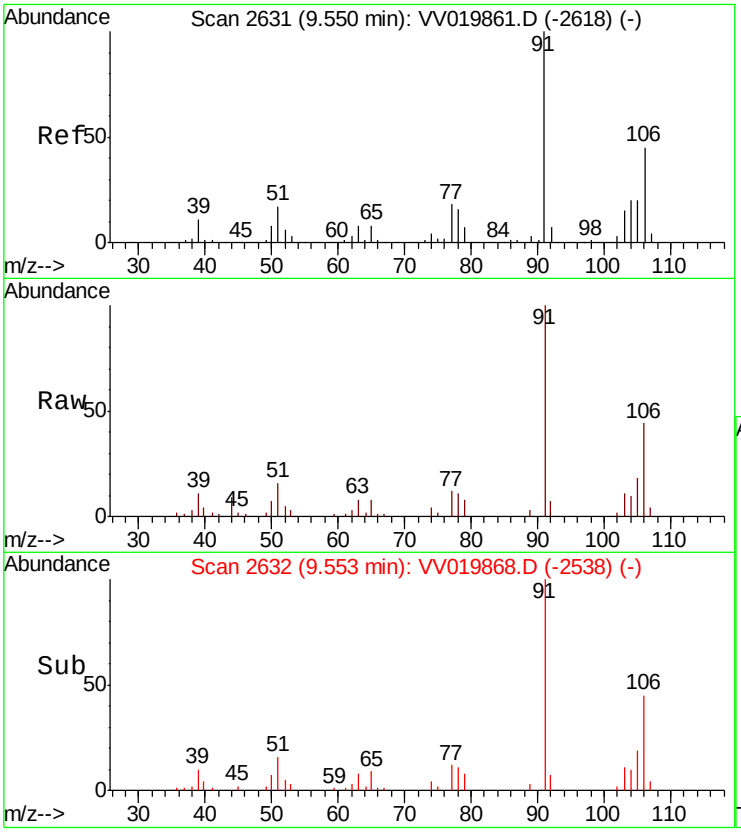


#53
m,p-xylene
Concen: 0.199 ug/L
RT: 9.15 min Scan# 2506
Delta R.T. 0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion:106 Resp: 7148

Ion	Ratio	Lower	Upper
106	100		
91	205.0	147.1	273.1



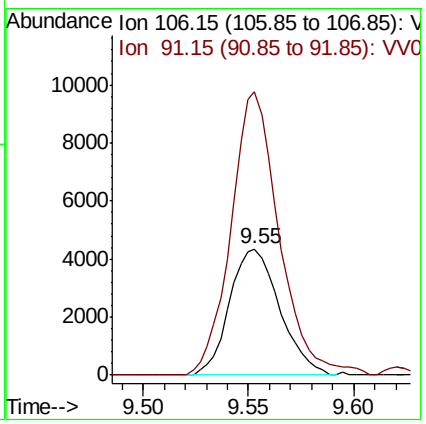


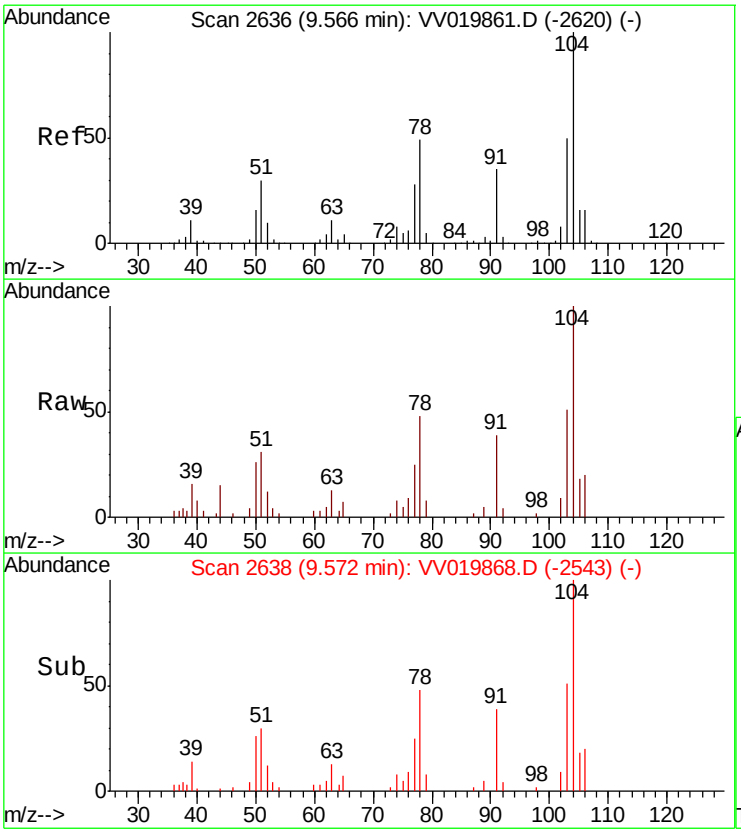
#54
o-xylene
Concen: 0.208 ug/L
RT: 9.55 min Scan# 2632
Delta R.T. 0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion:106 Resp: 7159

Ion	Ratio	Lower	Upper
106	100		
91	224.8	155.8	289.3

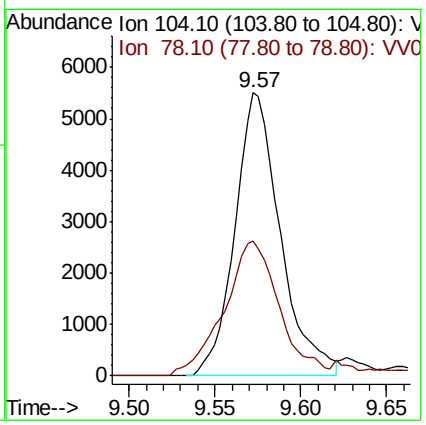


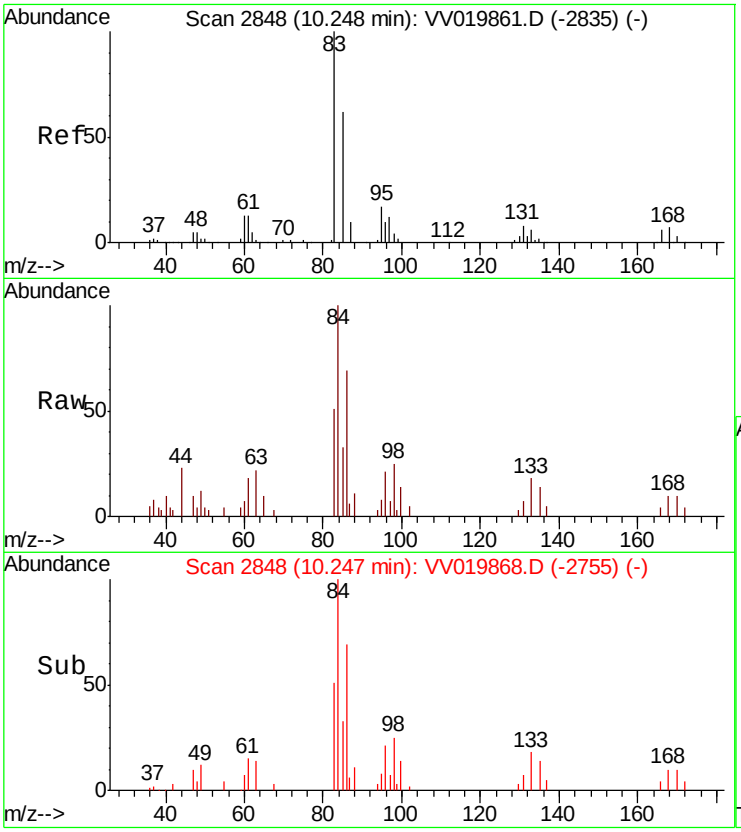


#55
Styrene
Concen: 0.174 ug/L
RT: 9.57 min Scan# 2638
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion:104 Resp: 10101

Ion	Ratio	Lower	Upper
104	100		
78	47.6	33.7	62.7



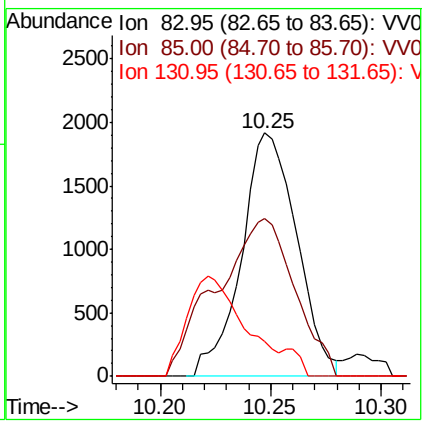


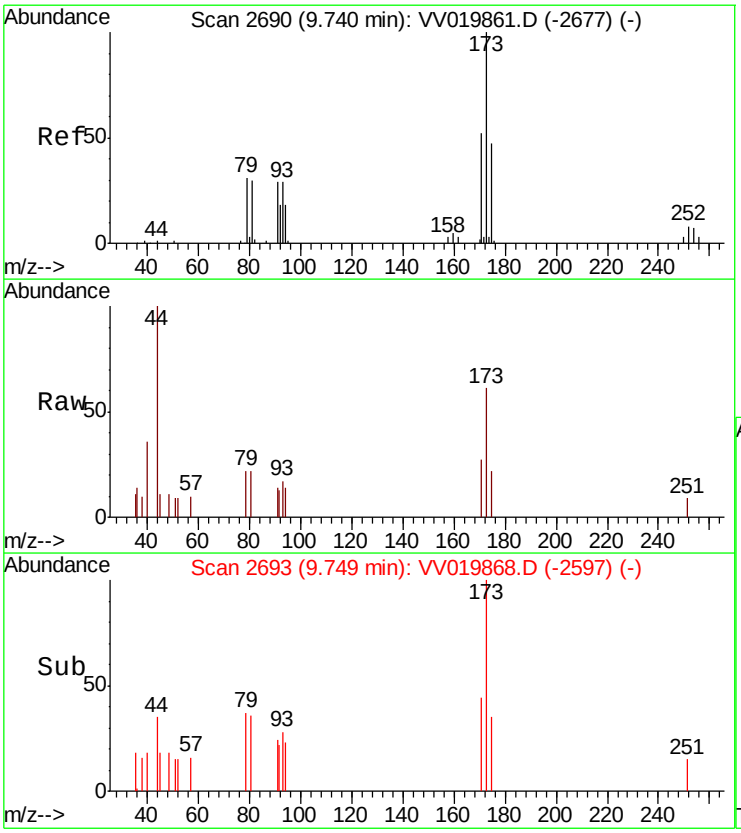
#57
1,1,2,2-Tetrachloroethane
Concen: 0.223 ug/L
RT: 10.25 min Scan# 2848
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-03

Tgt Ion: 83 Resp: 3336

Ion	Ratio	Lower	Upper
83	100		
85	65.0	44.3	82.3
131	14.5	7.4	11.2#

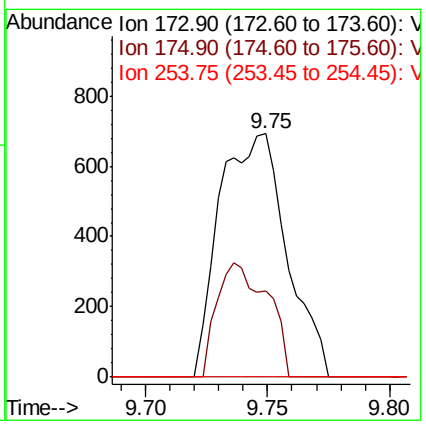


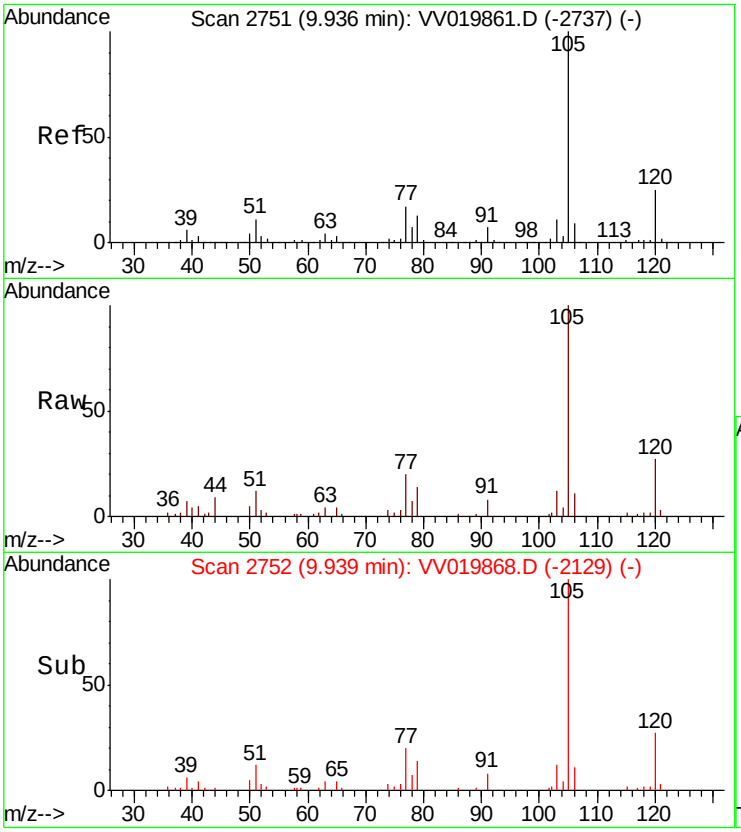


#59
Bromoform
Concen: 0.203 ug/L
RT: 9.75 min Scan# 2693
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion:173 Resp: 1326

Ion	Ratio	Lower	Upper
173	100		
175	35.4	38.3	57.5#
254	0.0	6.4	9.6#



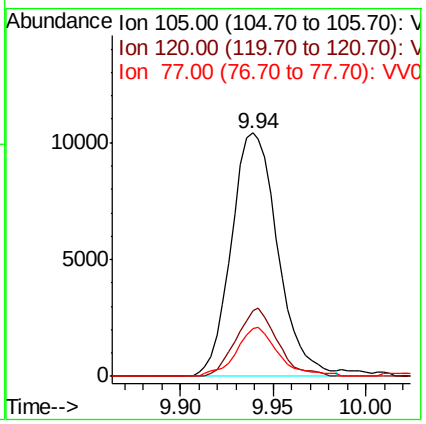


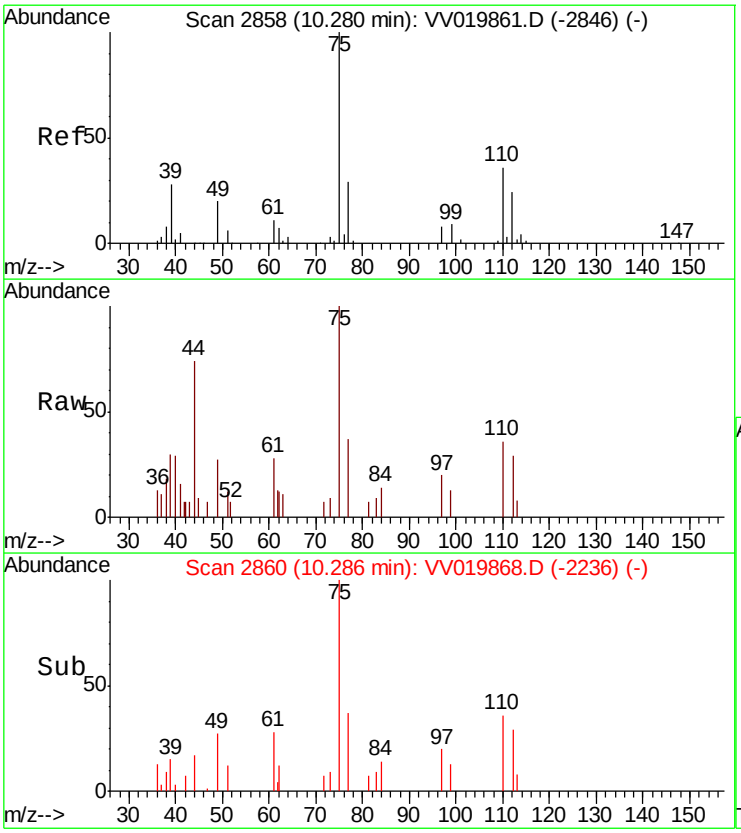
#60
Isopropylbenzene
Concen: 0.207 ug/L
RT: 9.94 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-03

Tgt Ion:105 Resp: 18154

Ion	Ratio	Lower	Upper
105	100		
120	24.6	20.4	30.6
77	18.2	13.7	20.5

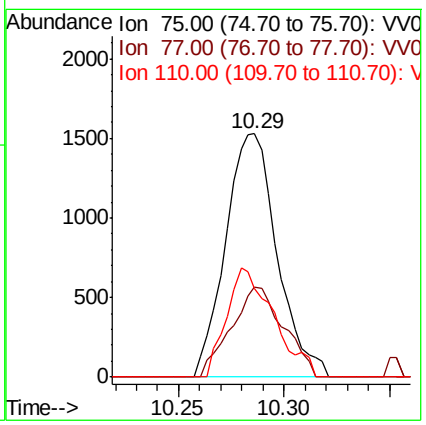


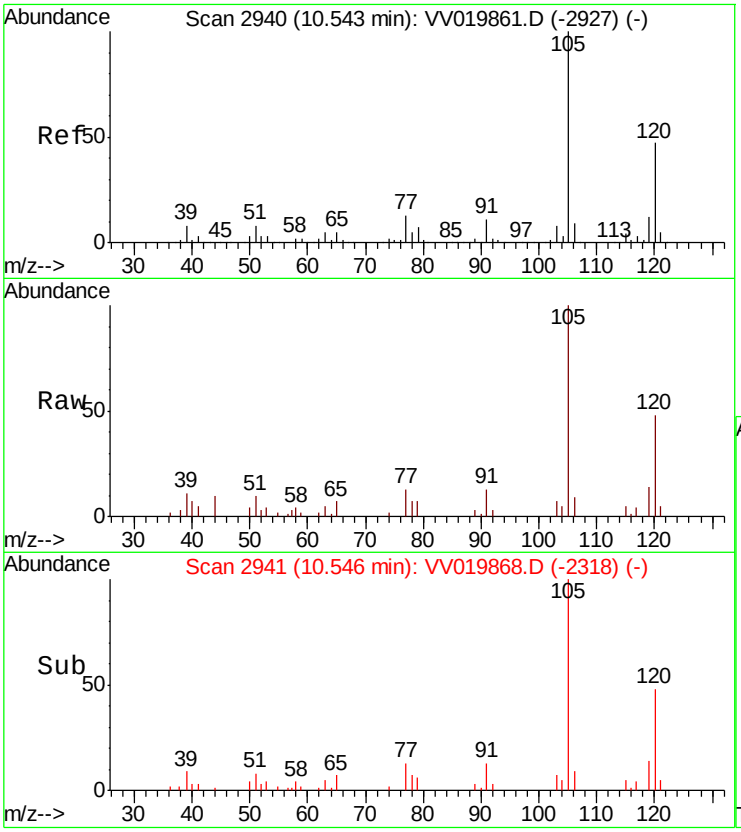


#61
1,2,3-Trichloropropane
Concen: 0.223 ug/L
RT: 10.29 min Scan# 2860
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion: 75 Resp: 2593

Ion	Ratio	Lower	Upper
75	100		
77	37.8	25.6	38.4
110	40.9	30.5	45.7



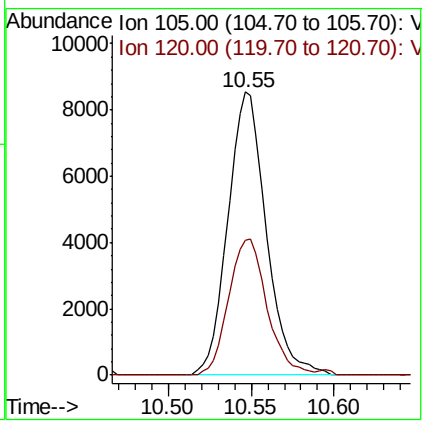


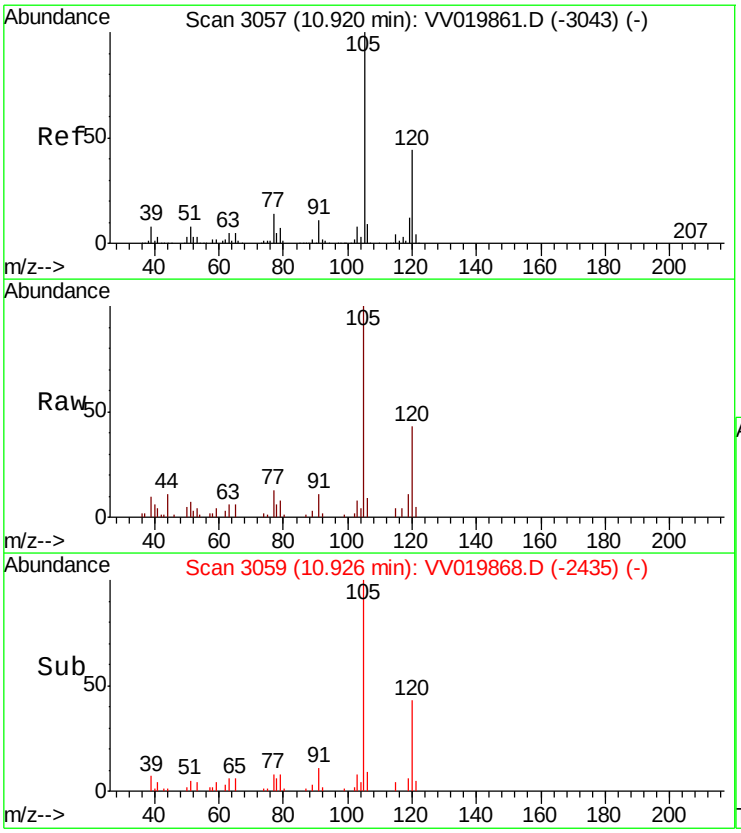
#62
1,3,5-Trimethylbenzene
Concen: 0.190 ug/L
RT: 10.55 min Scan# 2941
Delta R.T. 0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion:105 Resp: 13763

Ion	Ratio	Lower	Upper
105	100		
120	48.2	37.8	56.6

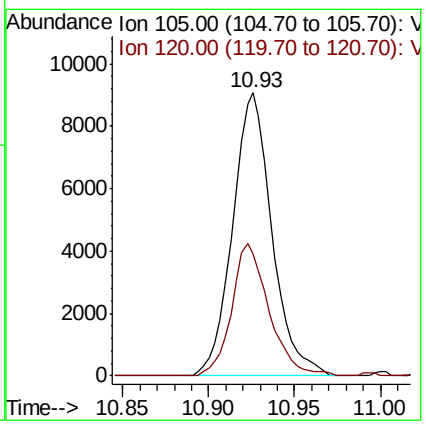


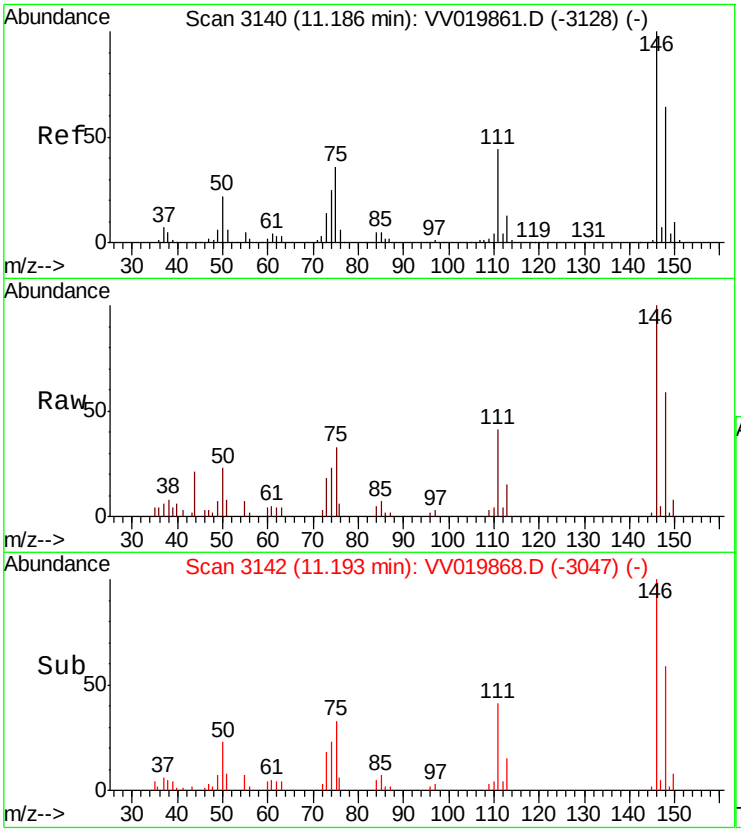


#63
1,2,4-Trimethylbenzene
Concen: 0.194 ug/L
RT: 10.93 min Scan# 3059
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion:105 Resp: 14356

Ion	Ratio	Lower	Upper
105	100		
120	44.5	34.9	52.3



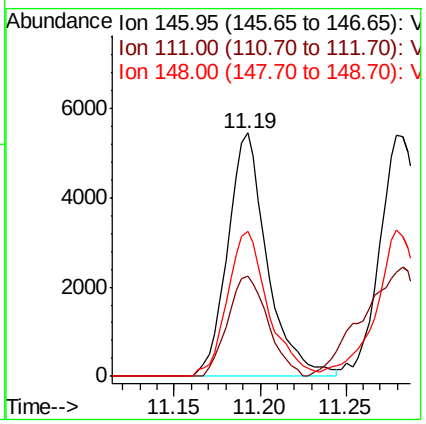


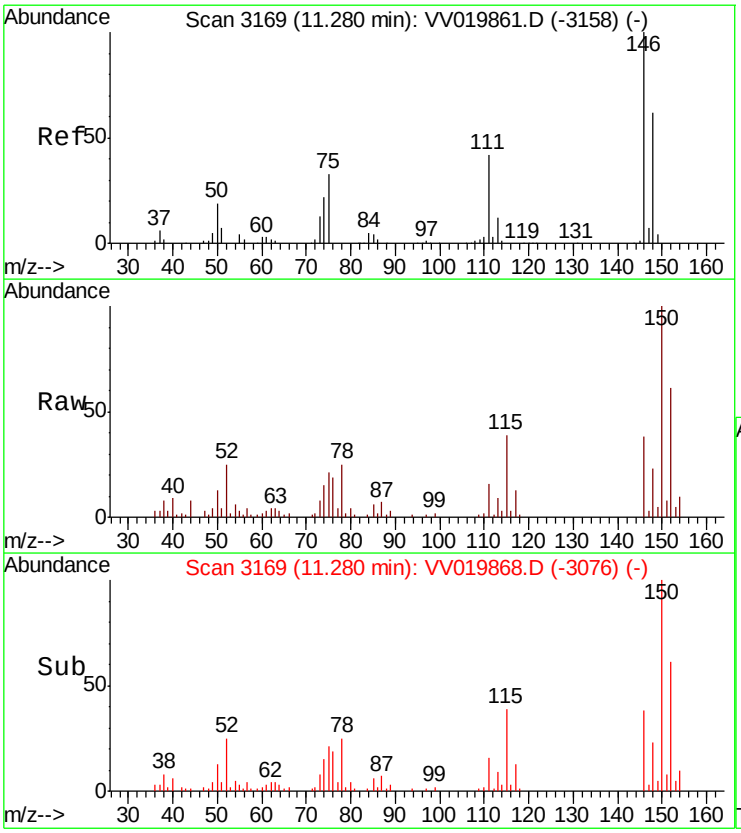
#64
1,3-Dichlorobenzene
Concen: 0.227 ug/L
RT: 11.19 min Scan# 3142
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion:146 Resp: 8733

Ion	Ratio	Lower	Upper
146	100		
111	41.1	30.4	56.5
148	59.4	45.8	85.2

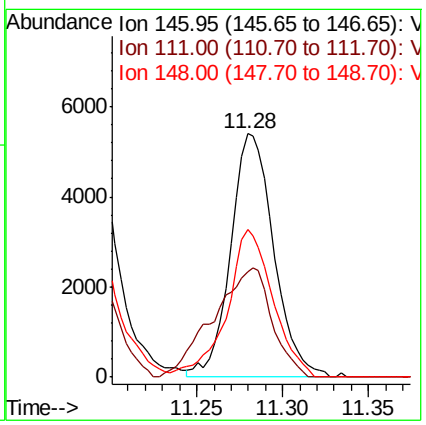


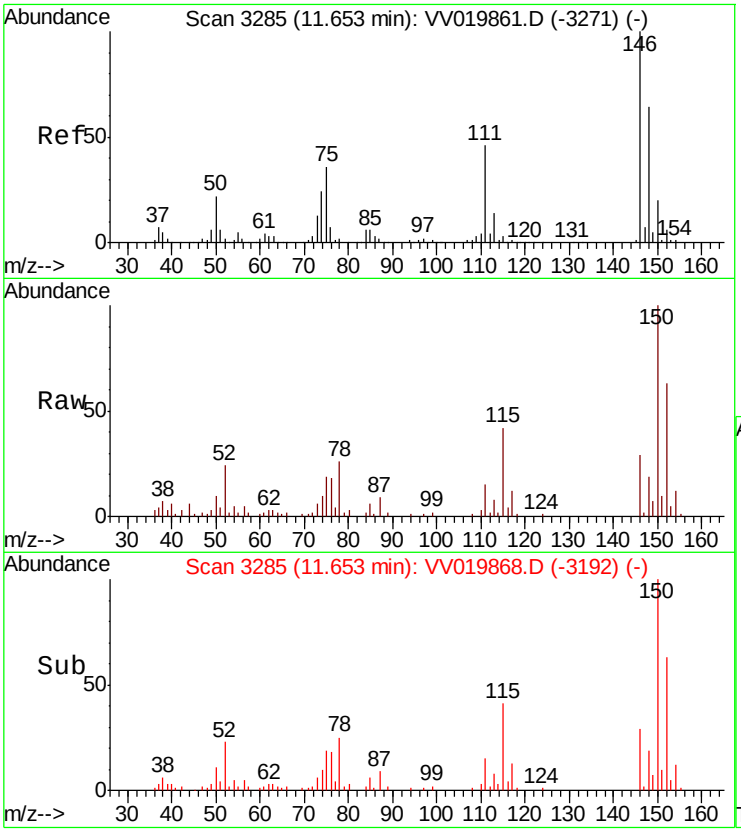


#65
1,4-Dichlorobenzene
Concen: 0.244 ug/L
RT: 11.28 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion:146 Resp: 9428

Ion	Ratio	Lower	Upper
146	100		
111	43.4	29.7	55.1
148	60.5	45.1	83.7



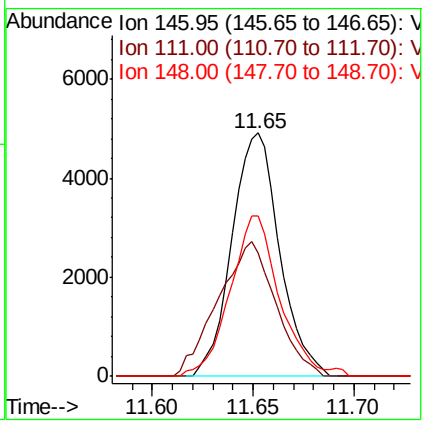


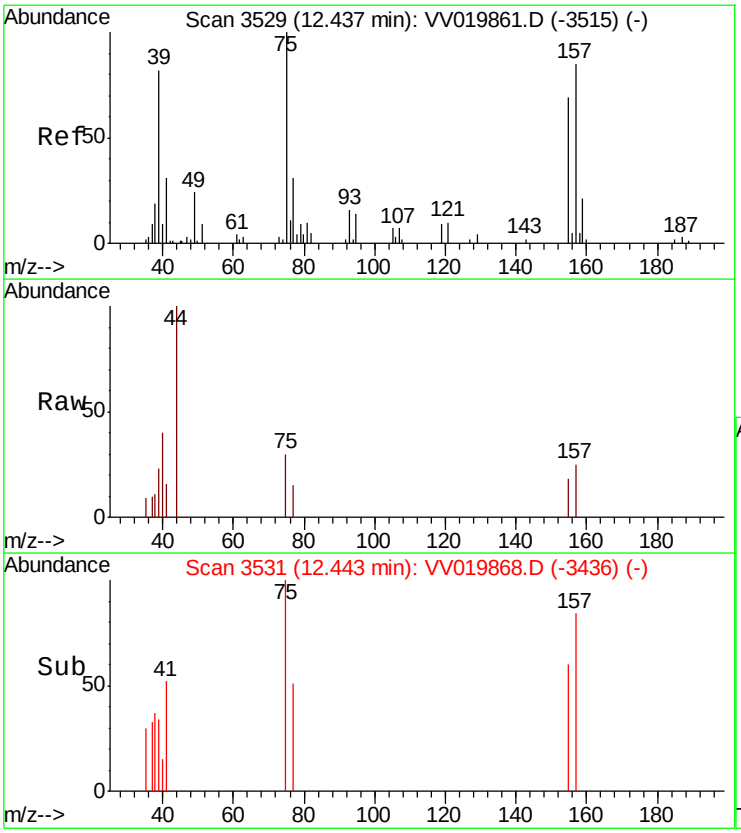
#67
1,2-Dichlorobenzene
Concen: 0.230 ug/L
RT: 11.65 min Scan# 3285
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-03

Tgt Ion:146 Resp: 8137

Ion	Ratio	Lower	Upper
146	100		
111	50.6	37.7	56.5
148	65.7	50.6	75.8

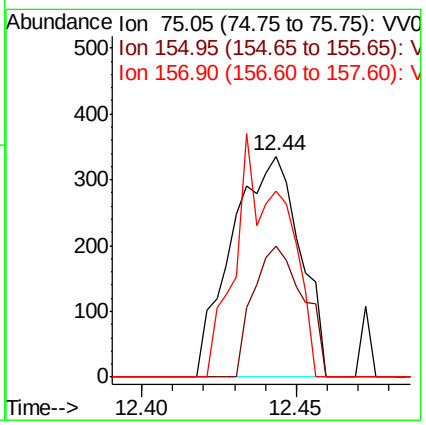


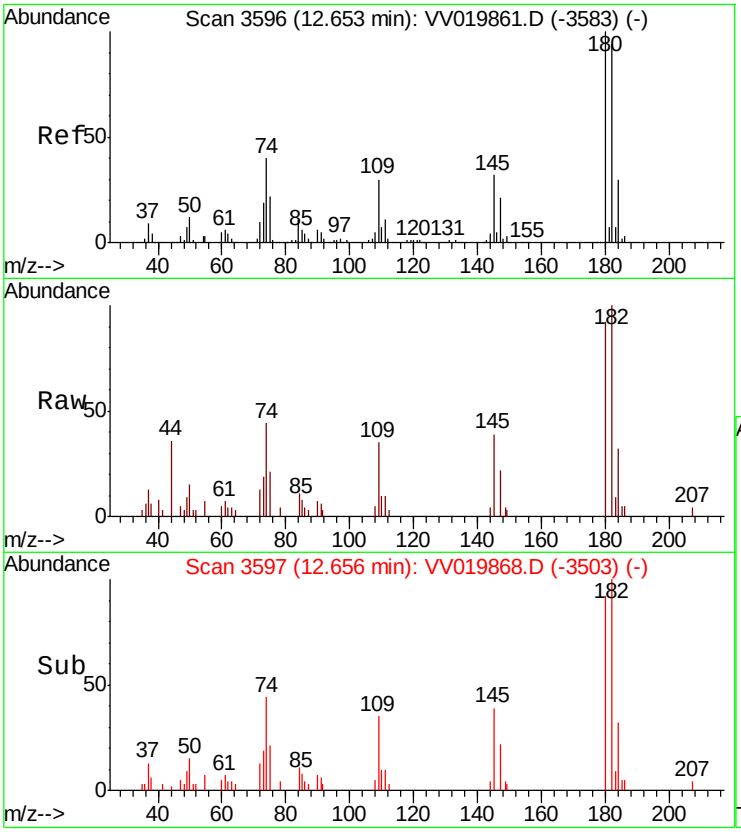


#68
1,2-Dibromo-3-chloropropane
Concen: 0.214 ug/L
RT: 12.44 min Scan# 3531
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion: 75 Resp: 514

Ion	Ratio	Lower	Upper
75	100		
155	59.5	56.5	84.7
157	83.9	74.2	111.2



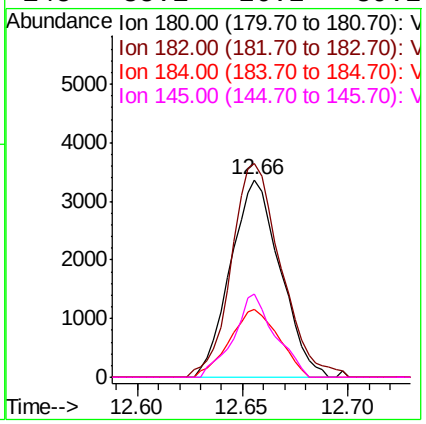


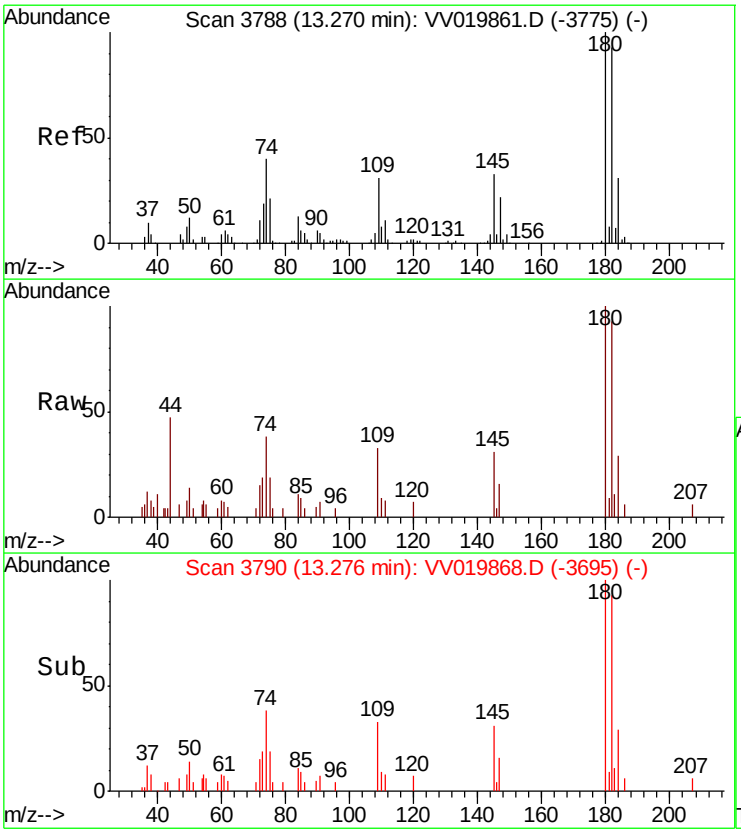
#69
1,3,5-Trichlorobenzene
Concen: 0.193 ug/L
RT: 12.66 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-03

Tgt Ion:180 Resp: 5495

Ion	Ratio	Lower	Upper
180	100		
182	107.9	75.9	113.9
184	34.0	23.5	35.3
145	35.1	26.2	39.2

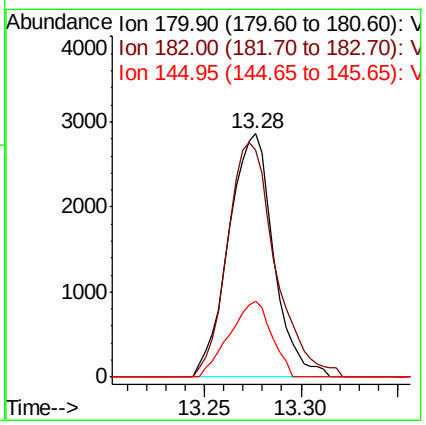


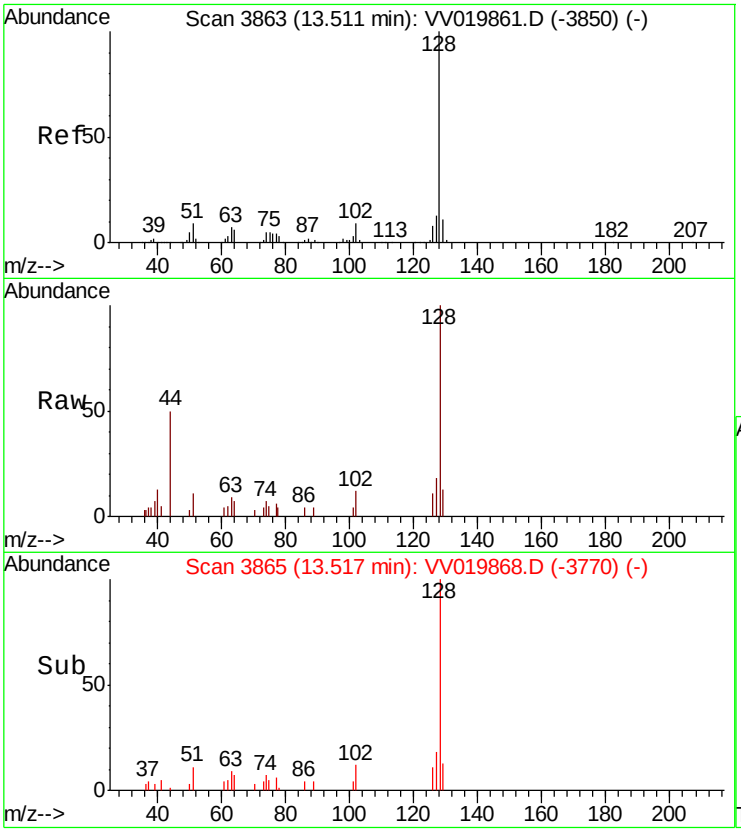


#70
1,2,4-trichlorobenzene
Concen: 0.199 ug/L
RT: 13.28 min Scan# 3790
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion:180 Resp: 4622

Ion	Ratio	Lower	Upper
180	100		
182	102.8	75.9	113.9
145	29.2	26.6	39.8



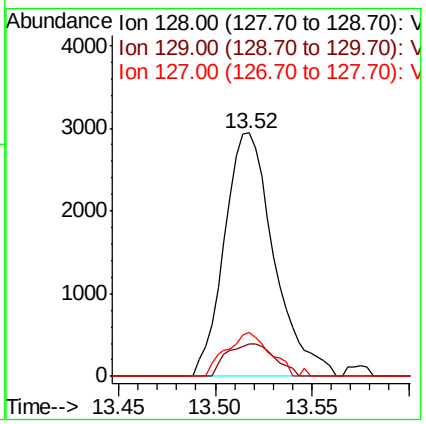


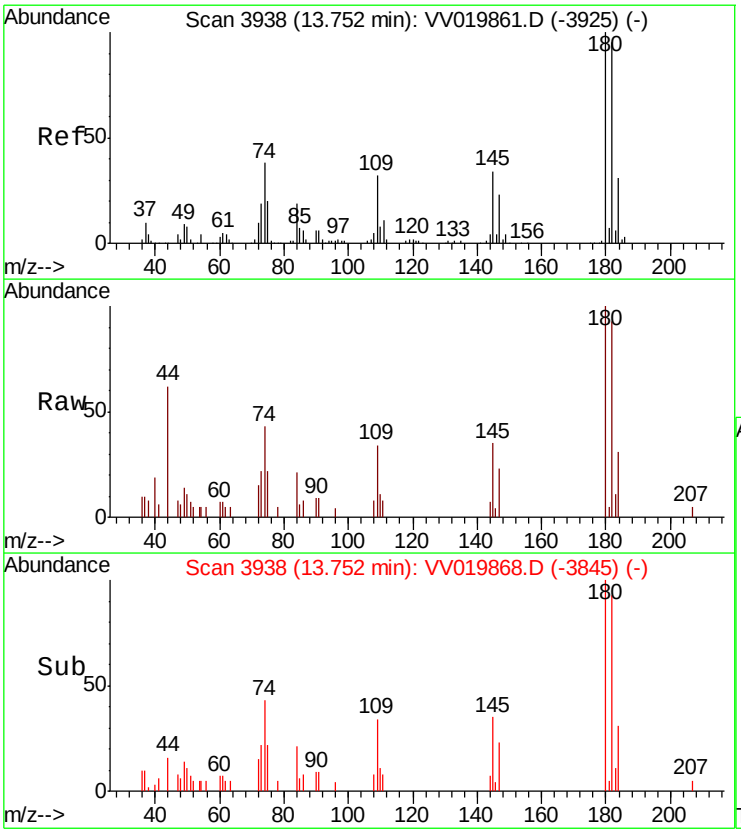
#71
Naphthalene
Concen: 0.150 ug/L
RT: 13.52 min Scan# 3865
Delta R.T. 0.01 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-03

Tgt Ion:128 Resp: 5246

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.5	12.7#
127	15.8	10.2	15.4#





#72
1,2,3-Trichlorobenzene
Concen: 0.197 ug/L
RT: 13.75 min Scan# 3938
Delta R.T. -0.00 min
Lab File: VV019868.D
Acq: 29 Dec 2020 17:17

Tgt Ion:180 Resp: 3890

Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.6	112.0
145	36.5	28.8	43.2