Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102119\
Data File : VX013158.D
Acq On : 21 Oct 2019 17:41
Operator : JC/SP
Sample : K5111-07 2.5PPB MDL
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-MDL-WATER-03-QT4-2019DL

Quant Time: Oct 22 01:58:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X102119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.01	128	27554	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.85	114	155966	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.11	117	136180	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.05	65	64171	29.58	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 98.60%				
60) 4-Bromofluorobenzene	11.14	95	66615	28.09	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 93.63%				
63) Toluene-d8	8.71	98	188983	31.20	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 104.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	4313	2.180	ug/l		99
3) Chloromethane	1.32	50	4052	2.349	ug/l		96
4) Vinyl Chloride	1.40	62	4096	2.297	ug/l		100
5) Bromomethane	1.64	94	3107	3.229	ug/l		93
6) Chloroethane	1.72	64	3099	2.723	ug/l		98
7) Trichlorofluoromethane	1.92	101	6432	2.245	ug/l		89
8) Diethyl Ether	2.18	74	2354	2.407	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	4179	2.388	ug/l		95
10) 1,1-Dichloroethene	2.37	96	3907	2.311	ug/l		90
11) Methyl Iodide	2.50	142	3823	1.756	ug/l		93
12) Methyl Acetate	2.76	43	5530	2.533	ug/l		94
13) Acrolein	2.28	56	3401	10.467	ug/l		94
14) Acrylonitrile	3.13	53	10487	11.488	ug/l		98
15) Acetone	2.44	58	3372	11.212	ug/l		91
16) Carbon Disulfide	2.56	76	10948	2.425	ug/l		99
17) Allyl chloride	2.72	41	6247	2.323	ug/l		84
18) Methylene Chloride	2.85	84	5322	2.719	ug/l		95
19) trans-1,2-Dichloroethene	3.15	96	3985	2.222	ug/l		95
20) Diisopropyl ether	3.85	45	12177	2.342	ug/l	#	86
21) 1,1-Dichloroethane	3.70	63	6993	2.215	ug/l	#	90
22) cis-1,2-Dichloroethene	4.59	96	4671	2.284	ug/l		89
23) tert-Butyl Alcohol	3.03	59	7109	14.781	ug/l	#	100
24) Methyl tert-Butyl Ether	3.18	73	7673	1.316	ug/l	#	74
25) Chloroform	5.20	83	7667	2.311	ug/l		93
26) Cyclohexane	5.57	56	6200	2.238	ug/l	#	87
29) 1,1-Dichloropropene	5.79	75	5553	2.292	ug/l	#	86
30) 2-Butanone	4.67	43	15338	12.068	ug/l	#	53
31) 2,2-Dichloropropane	4.57	77	6276	2.240	ug/l	#	84
32) 1,1,1-Trichloroethane	5.48	97	3263	1.113	ug/l	#	14
33) Carbon Tetrachloride	5.78	117	5560	2.206	ug/l		92
34) Benzene	6.14	78	16842	2.415	ug/l		96
35) Methacrylonitrile	5.03	41	3007	2.307	ug/l		77
36) 1,2-Dichloroethane	6.18	62	6137	2.327	ug/l	#	93
37) Trichloroethene	7.20	130	4702	2.430	ug/l		96
38) Methylcyclohexane	7.46	83	6610	2.237	ug/l		96
39) 1,2-Dichloropropane	7.51	63	3963	2.315	ug/l		96
40) Dibromomethane	7.65	93	2942	2.406	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102119\
Data File : VX013158.D
Acq On : 21 Oct 2019 17:41
Operator : JC/SP
Sample : K5111-07 2.5PPB MDL
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-MDL-WATER-03-QT4-2019DL

Quant Time: Oct 22 01:58:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X102119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Bromodichloromethane	7.89	83	5223	2.118 ug/l	#	94
42) Vinyl Acetate	3.80	43	50070	11.361 ug/l		99
43) Ethyl Acetate	4.83	43	5261	2.270 ug/l		99
44) Isopropyl Acetate	6.43	43	8833	2.267 ug/l		96
45) 1,4-Dioxane	7.74	88	2441	49.543 ug/l	#	83
46) Methyl methacrylate	7.76	41	4381	2.285 ug/l		88
47) n-amyl Acetate	10.89	43	6604	2.011 ug/l		96
48) t-1,3-Dichloropropene	9.04	75	5418	2.003 ug/l	#	88
49) cis-1,3-Dichloropropene	8.43	75	6488	2.204 ug/l	#	82
50) 1,1,2-Trichloroethane	9.21	97	4314	2.389 ug/l		97
51) Ethyl methacrylate	9.18	69	5962	2.105 ug/l		90
52) 1,3-Dichloropropane	9.37	76	6880	2.262 ug/l		94
53) Dibromochloromethane	9.58	129	3853	1.978 ug/l		96
54) 1,2-Dibromoethane	9.67	107	4336	2.245 ug/l		99
55) 2-Chloroethyl vinyl ether	8.31	63	14075	12.236 ug/l		99
56) Bromoform	10.85	173	2412	1.745 ug/l		97
58) 4-Methyl-2-Pentanone	8.64	43	27664	12.056 ug/l		99
59) 2-Hexanone	9.49	43	21032	11.695 ug/l		99
61) Tetrachloroethene	9.33	164	4489	2.486 ug/l		91
62) Toluene	8.78	91	18454	2.510 ug/l		95
64) Chlorobenzene	10.14	112	11737	2.490 ug/l		97
65) 1,1,1,2-Tetrachloroethane	10.21	131	3913	2.216 ug/l		95
66) Ethyl Benzene	10.25	91	20321	2.402 ug/l		98
67) m/p-Xylenes	10.35	106	14633	4.551 ug/l		98
68) o-Xylene	10.69	106	7277	2.371 ug/l		97
69) Styrene	10.71	104	11048	2.091 ug/l		97
70) Isopropylbenzene	11.01	105	18530	2.200 ug/l		96
71) 1,1,2,2-Tetrachloroethane	11.26	83	6249	2.421 ug/l		98
72) 1,2,3-Trichloropropane	11.29	75	7133	3.182 ug/l		89
73) Bromobenzene	11.25	156	4565	2.258 ug/l		98
74) n-propylbenzene	11.35	91	20557	2.223 ug/l		99
75) 2-Chlorotoluene	11.42	91	13139	2.271 ug/l		100
76) 1,3,5-Trimethylbenzene	11.50	105	15549	2.199 ug/l		95
77) t-1,4-Dichloro-2-butene	11.07	75	1616	1.857 ug/l		93
78) 4-Chlorotoluene	11.51	91	14976	2.266 ug/l		97
79) tert-butylbenzene	11.76	119	14893	2.187 ug/l		98
80) 1,2,4-Trimethylbenzene	11.81	105	15272	2.162 ug/l		98
81) sec-Butylbenzene	11.94	105	17840	2.199 ug/l		99
82) p-Isopropyltoluene	12.06	119	15146	2.042 ug/l		99
83) 1,3-Dichlorobenzene	12.03	146	8535	2.312 ug/l		98
84) 1,4-Dichlorobenzene	12.09	146	8183	2.241 ug/l		98
85) n-Butylbenzene	12.39	91	12036	1.911 ug/l		98
86) Hexachloroethane	12.59	117	2384	1.842 ug/l		86
87) 1,2-Dichlorobenzene	12.39	146	8345	2.330 ug/l		98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	1159	1.822 ug/l		86
89) 1,2,4-Trichlorobenzene	13.64	180	4764	2.139 ug/l		98
90) Hexachlorobutadiene	13.78	225	2678	2.368 ug/l		97
91) Naphthalene	13.83	128	15132	2.089 ug/l		98
92) 1,2,3-Trichlorobenzene	14.01	180	4824	2.114 ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102119\
Data File : VX013158.D
Acq On : 21 Oct 2019 17:41
Operator : JC/SP
Sample : K5111-07 2.5PPB MDL
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-MDL-WATER-03-QT4-2019DL

Quant Time: Oct 22 01:58:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X102119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
Response via : Initial Calibration

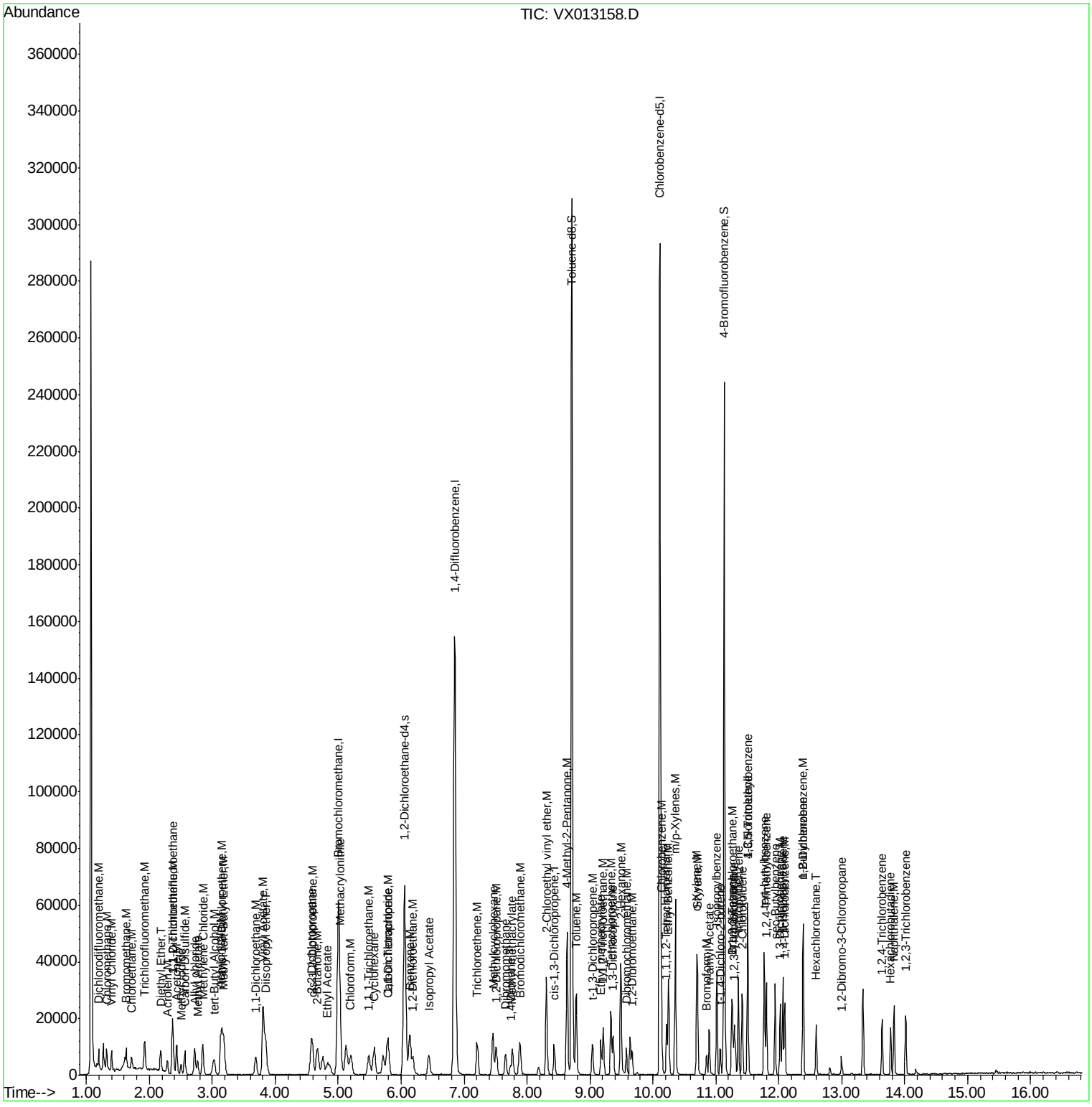
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

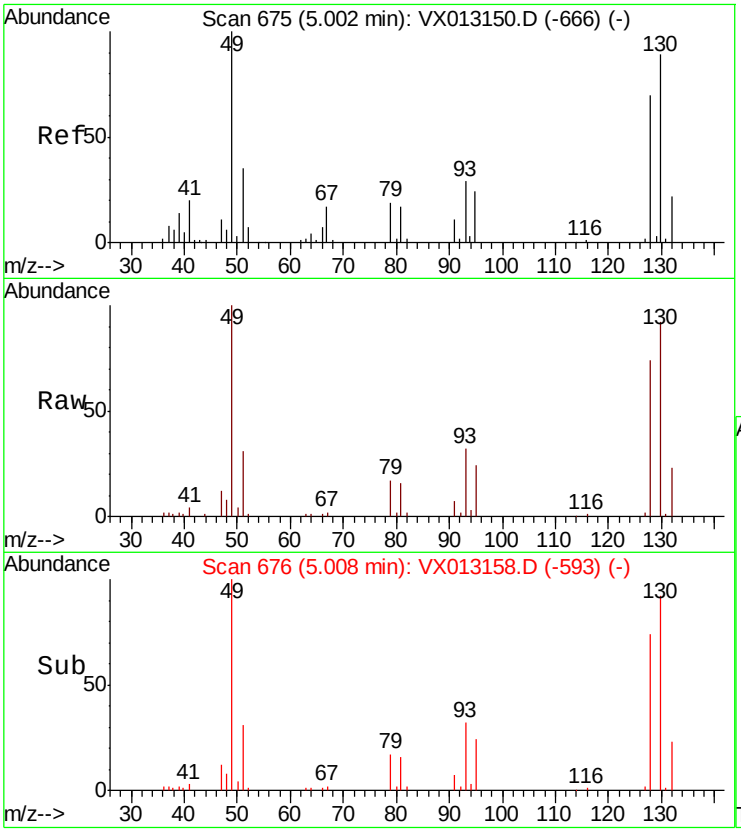
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102119\
Data File : VX013158.D
Acq On : 21 Oct 2019 17:41
Operator : JC/SP
Sample : K5111-07 2.5PPB MDL
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Quant Time: Oct 22 01:58:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X102119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
Response via : Initial Calibration



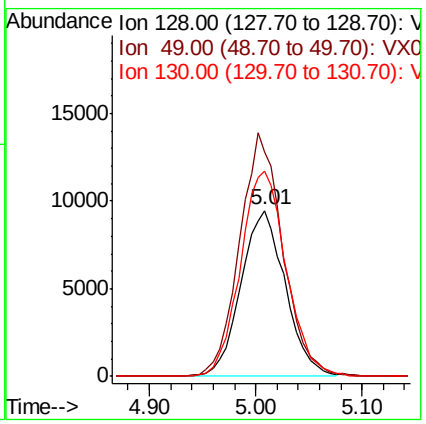


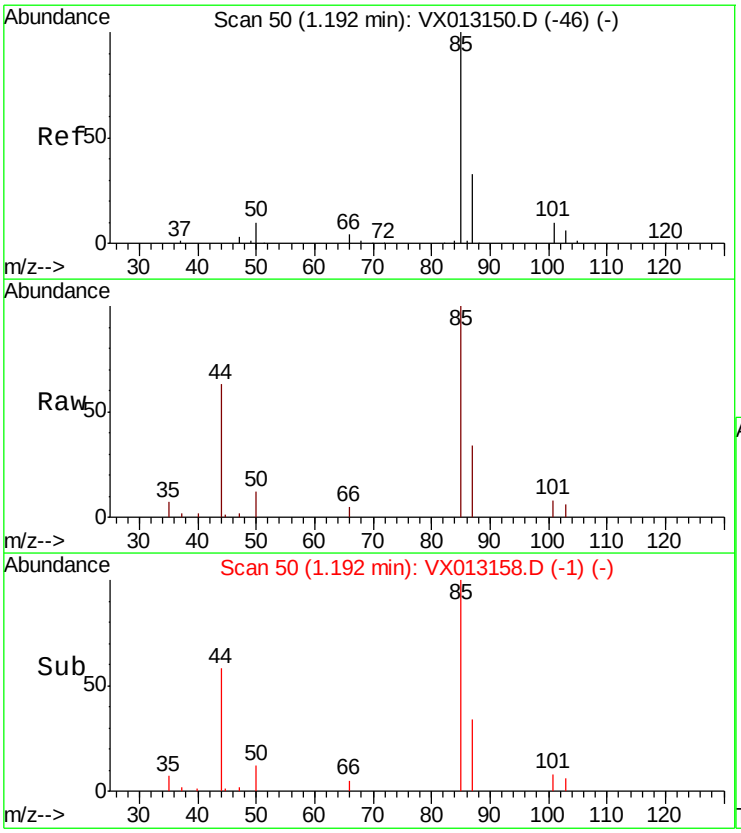
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:128 Resp: 27554

Ion	Ratio	Lower	Upper
128	100		
49	143.7	0.0	367.3
130	128.3	0.0	325.0

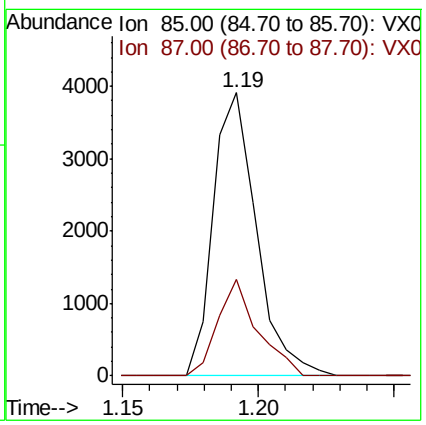


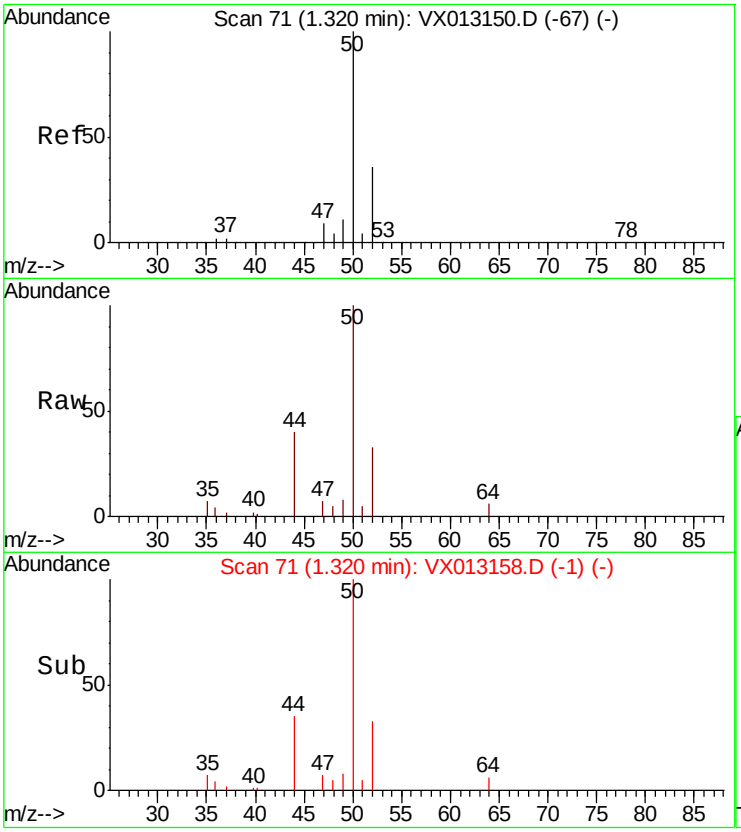


#2
Dichlorodifluoromethane
Concen: 2.180 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 85 Resp: 4313

Ion	Ratio	Lower	Upper
85	100		
87	33.9	16.6	49.7



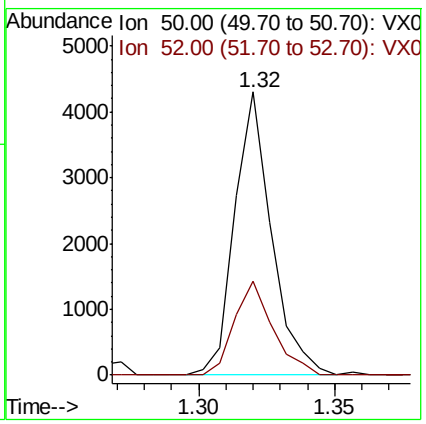


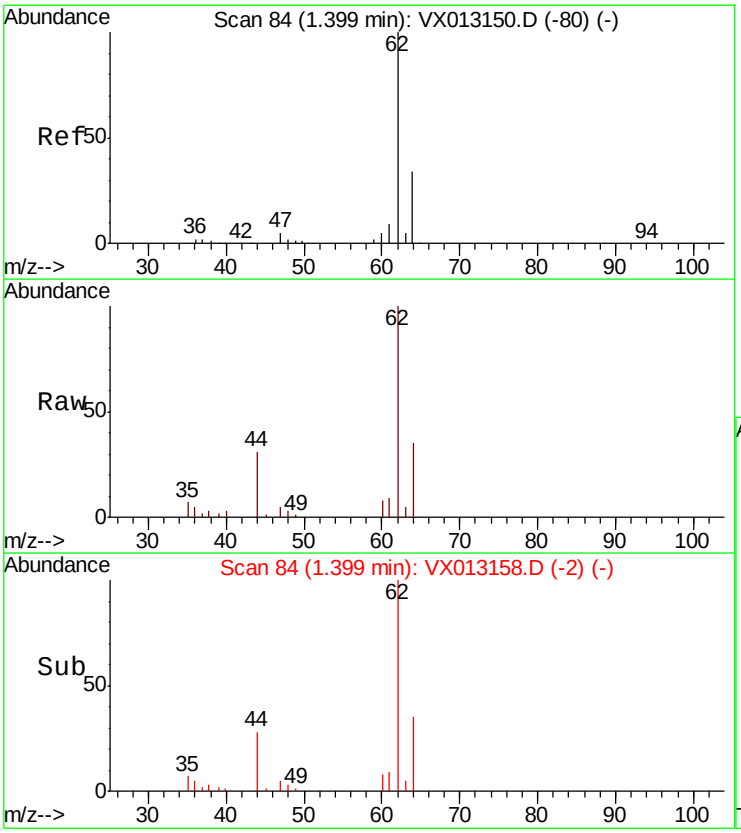
#3
Chloromethane
Concen: 2.349 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 50 Resp: 4052

Ion	Ratio	Lower	Upper
50	100		
52	33.1	28.6	42.8

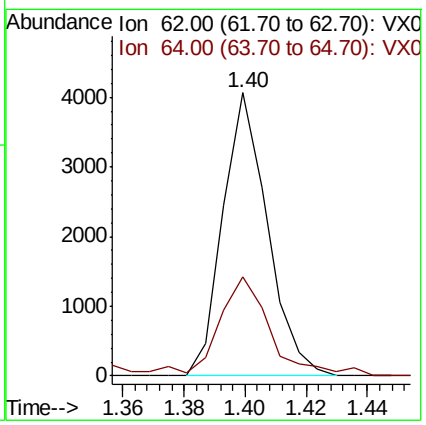


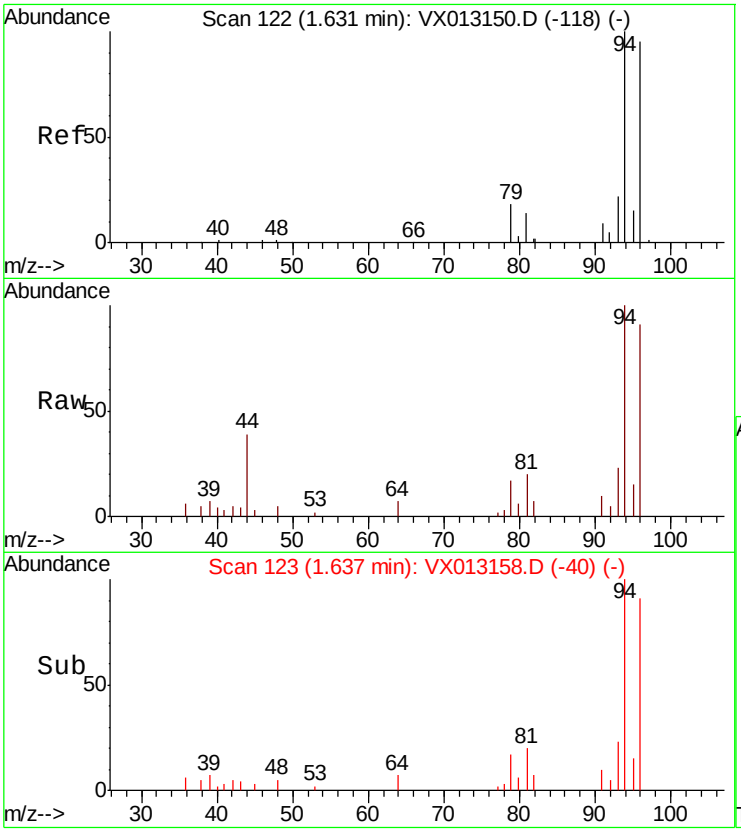


#4
Vinyl Chloride
Concen: 2.297 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 62 Resp: 4096

Ion	Ratio	Lower	Upper
62	100		
64	33.9	27.3	40.9



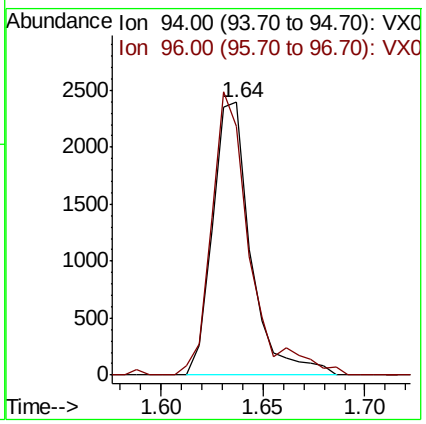


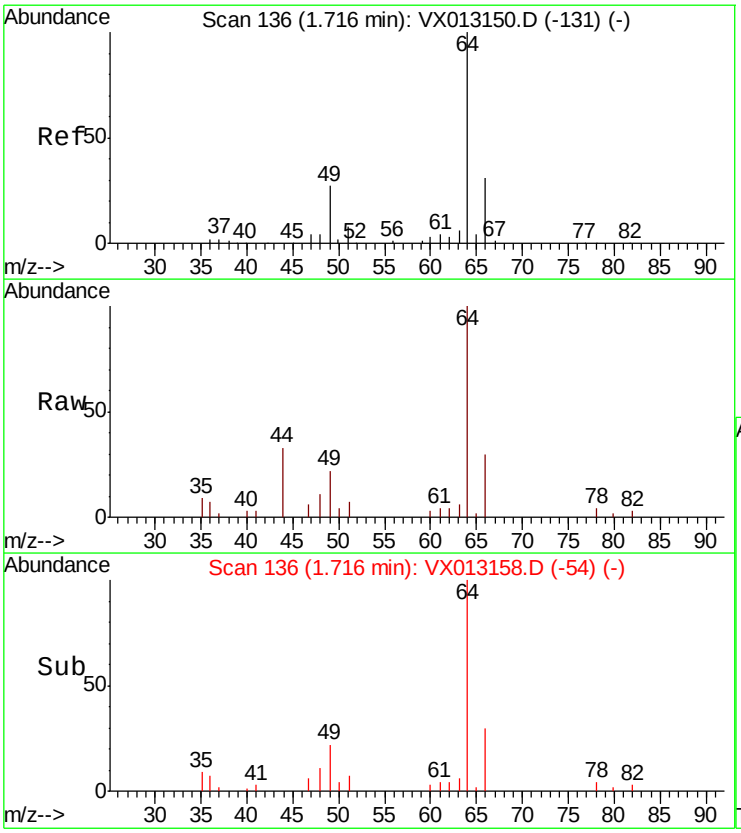
#5
Bromomethane
Concen: 3.229 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 94 Resp: 3107

Ion	Ratio	Lower	Upper
94	100		
96	88.0	75.9	113.9

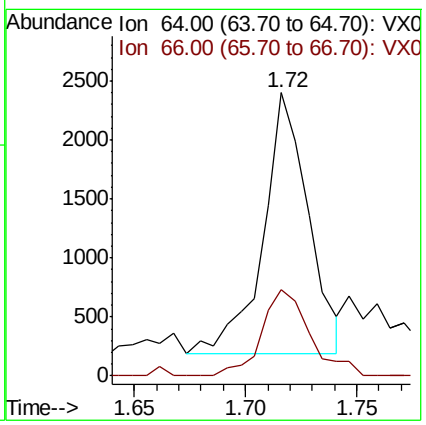


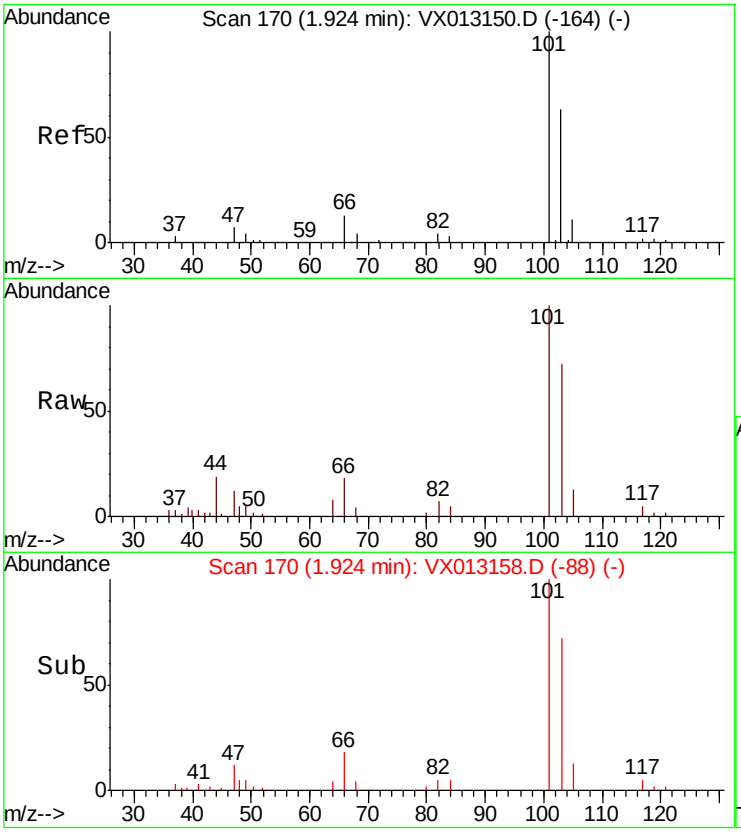


#6
Chloroethane
Concen: 2.723 ug/l
RT: 1.72 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 64 Resp: 3099

Ion	Ratio	Lower	Upper
64	100		
66	32.9	25.4	38.2



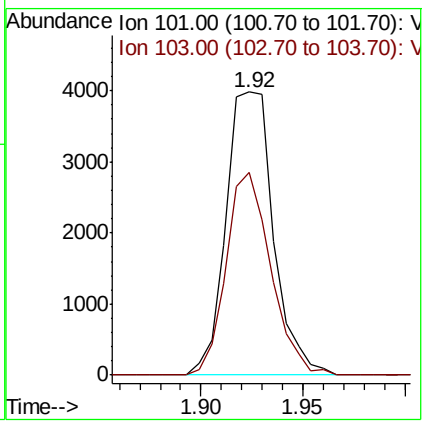


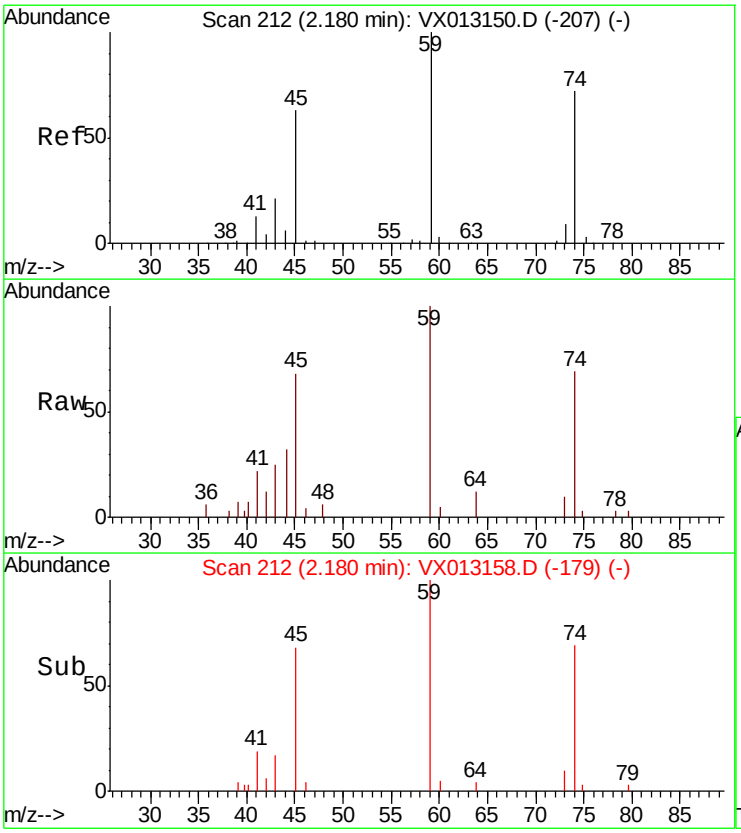
#7
Trichlorofluoromethane
Concen: 2.245 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:101 Resp: 6432

Ion	Ratio	Lower	Upper
101	100		
103	71.7	50.2	75.4

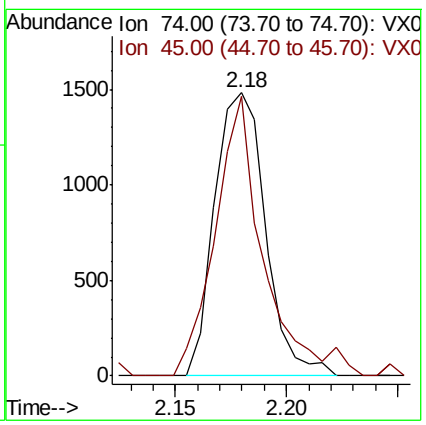


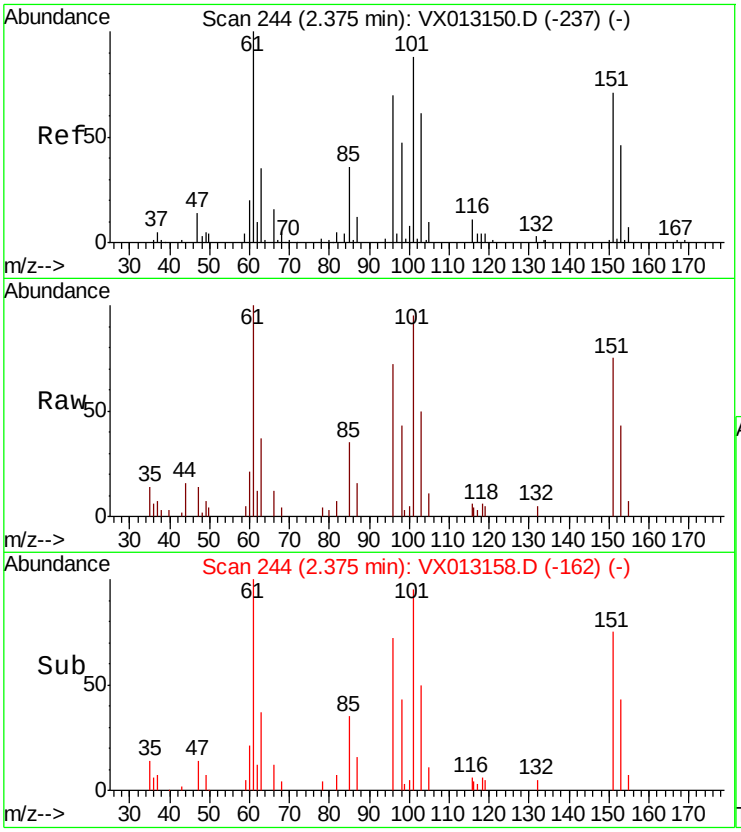


#8
Diethyl Ether
Concen: 2.407 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 74 Resp: 2354

Ion	Ratio	Lower	Upper
74	100		
45	90.2	18.4	165.6



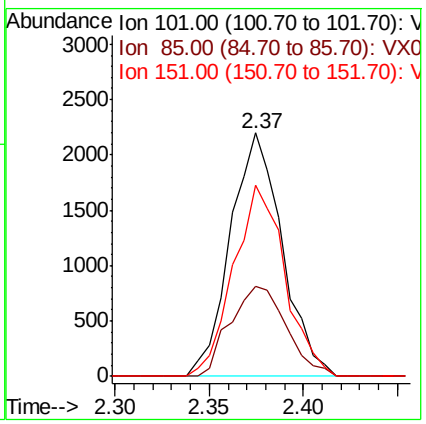


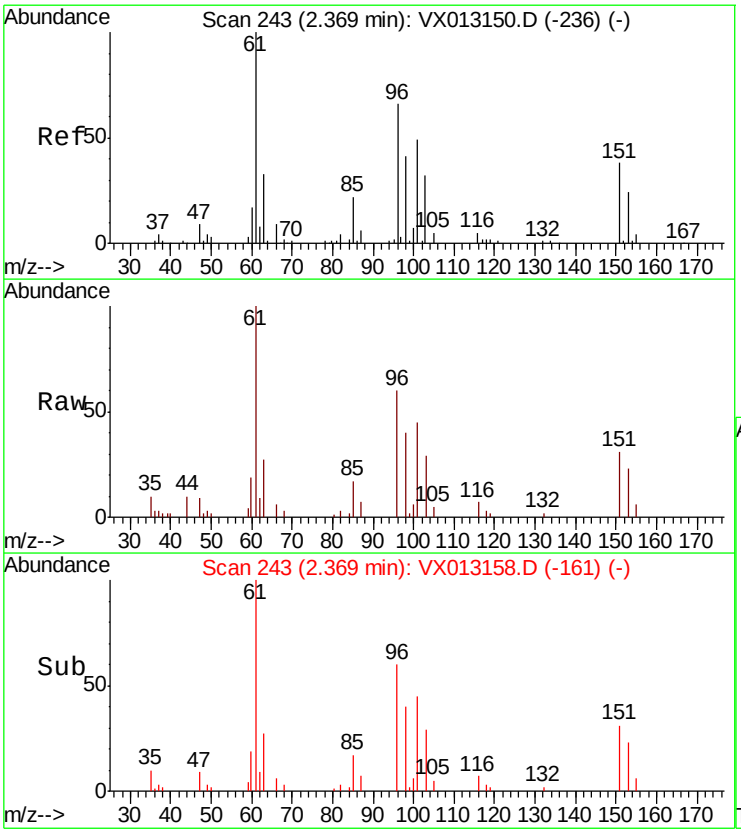
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.388 ug/l
RT: 2.37 min Scan# 244
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:101 Resp: 4179

Ion	Ratio	Lower	Upper
101	100		
85	40.2	0.0	87.2
151	77.7	0.0	163.0

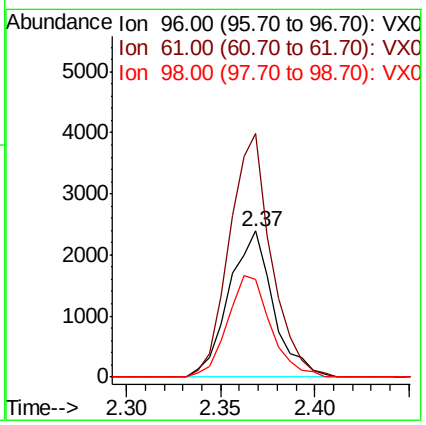


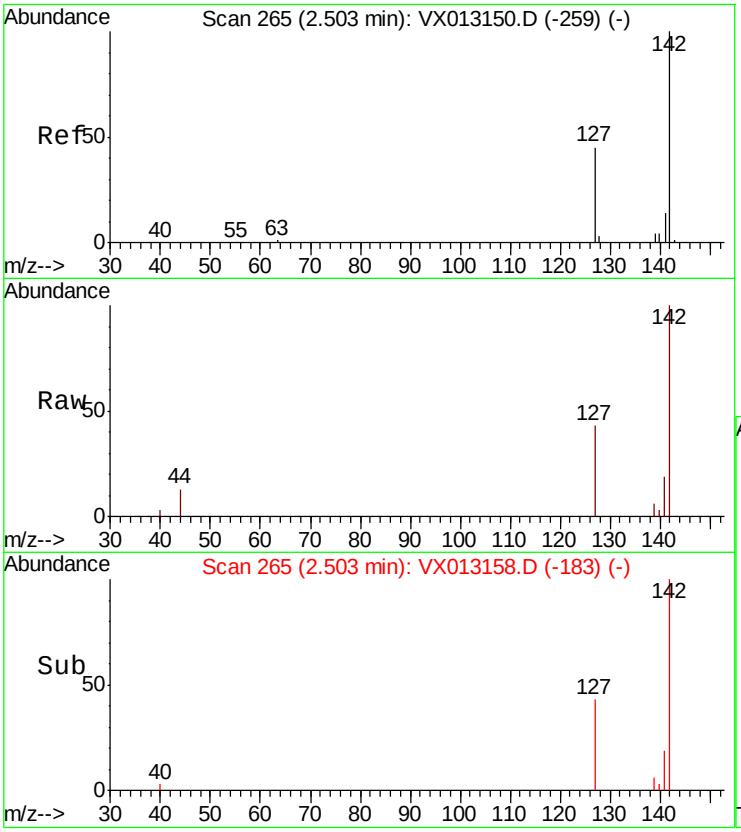


#10
1,1-Dichloroethene
Concen: 2.311 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 96 Resp: 3907

Ion	Ratio	Lower	Upper
96	100		
61	166.8	121.3	181.9
98	66.9	49.5	74.3



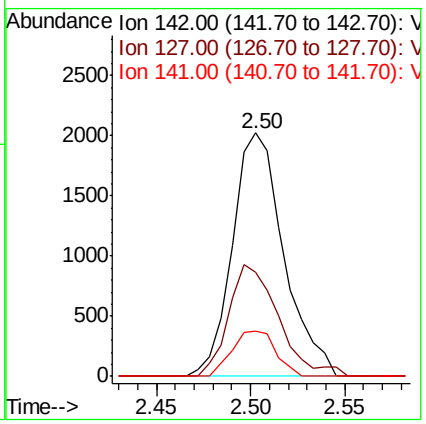


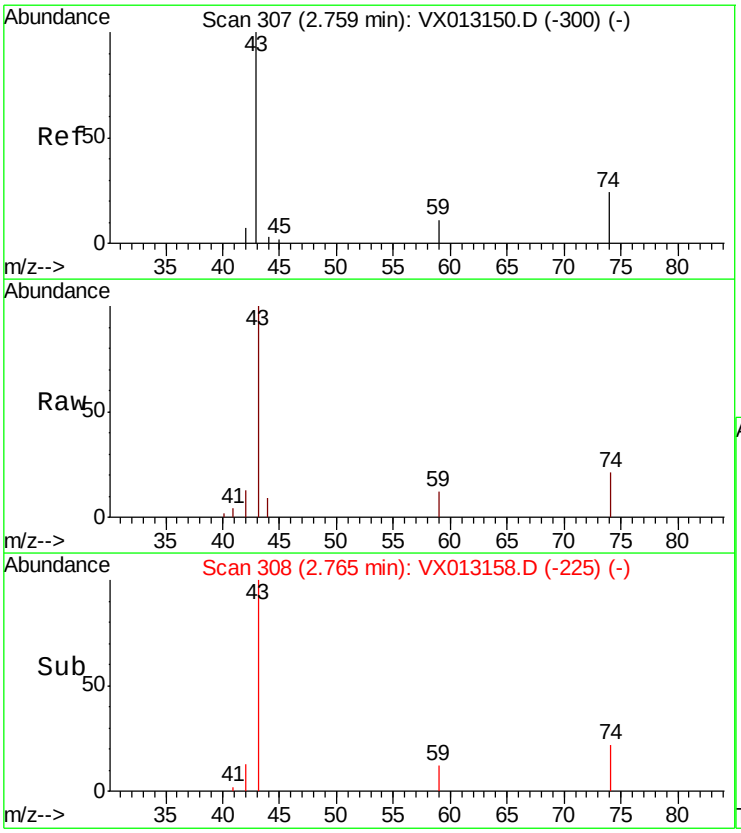
#11
Methyl Iodide
Concen: 1.756 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:142 Resp: 3823

Ion	Ratio	Lower	Upper
142	100		
127	40.7	22.3	66.9
141	18.8	7.1	21.3

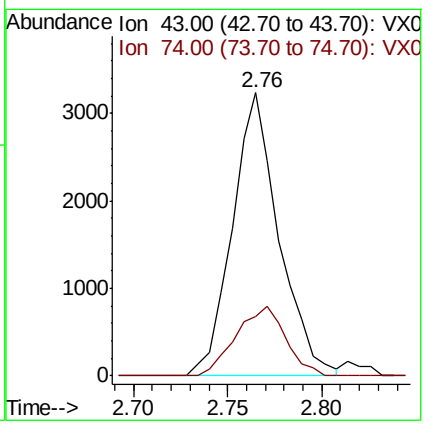


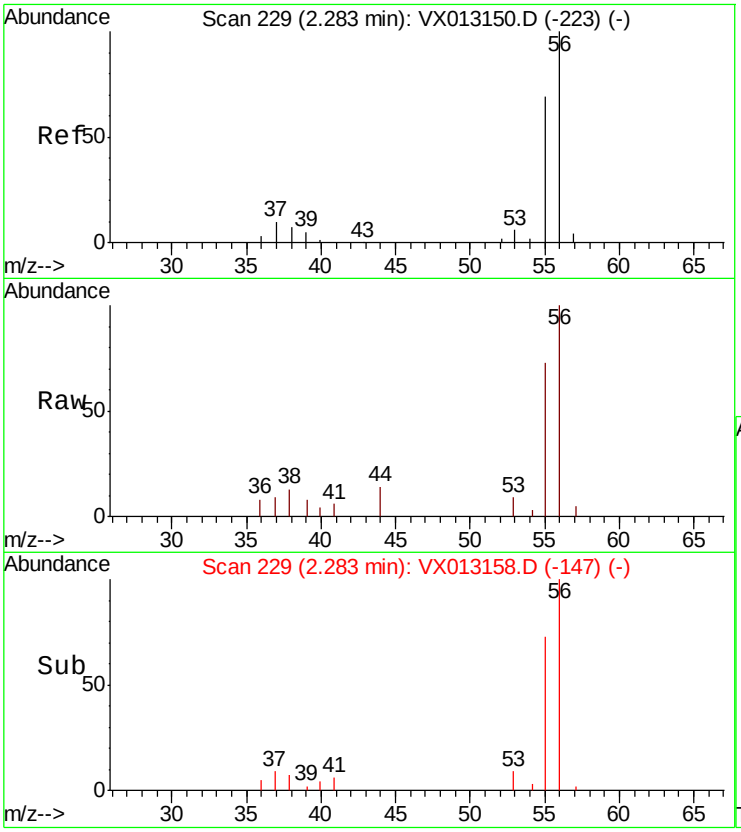


#12
Methyl Acetate
Concen: 2.533 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 43 Resp: 5530

Ion	Ratio	Lower	Upper
43	100		
74	21.4	19.7	29.5



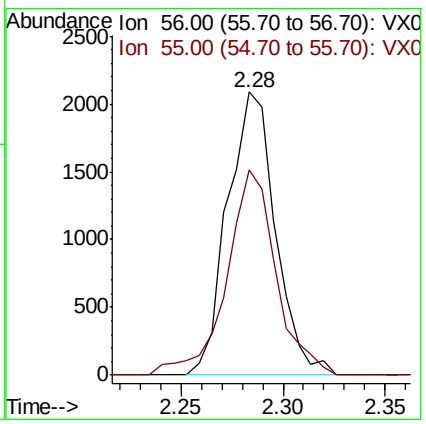


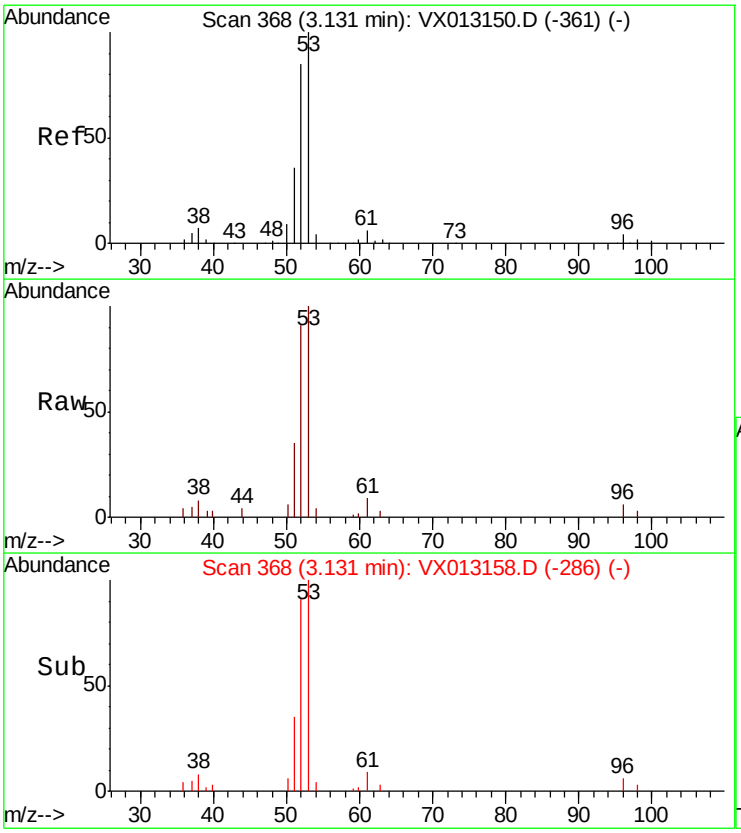
#13
Acrolein
Concen: 10.467 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 56 Resp: 3401

Ion	Ratio	Lower	Upper
56	100		
55	74.8	55.8	83.8

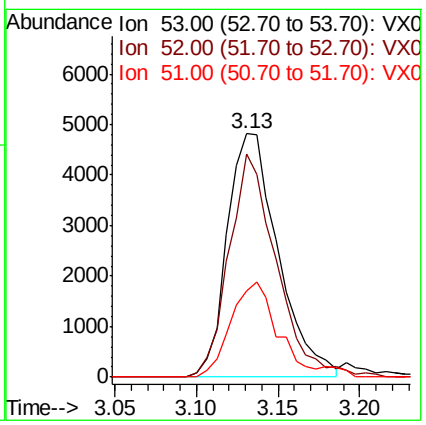


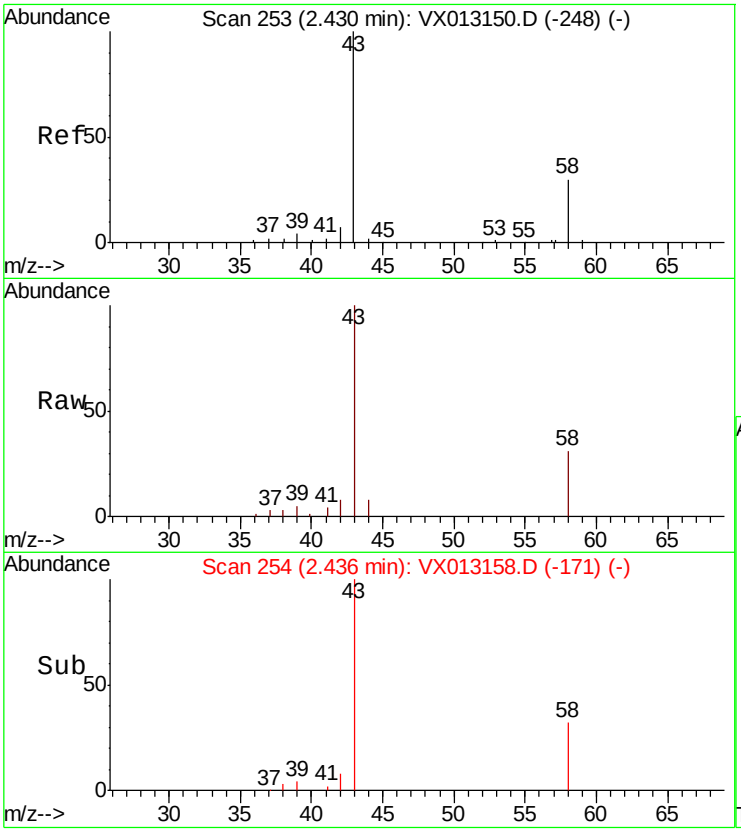


#14
Acrylonitrile
Concen: 11.488 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 53 Resp: 10487

Ion	Ratio	Lower	Upper
53	100		
52	84.8	42.0	126.0
51	35.5	18.6	56.0



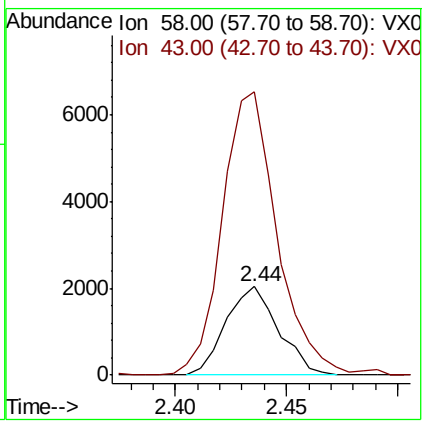


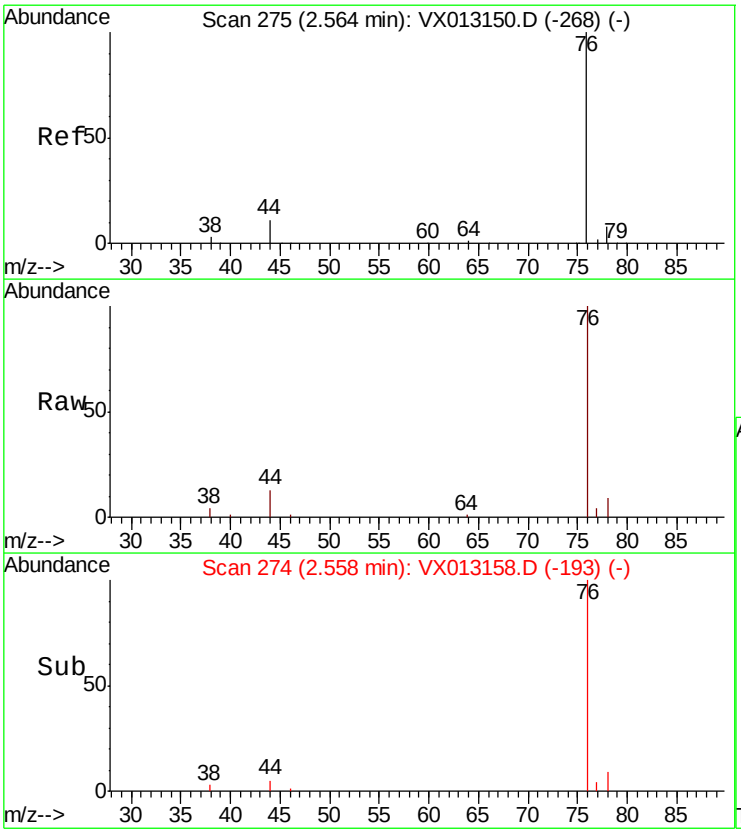
#15
Acetone
Concen: 11.212 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 58 Resp: 3372

Ion	Ratio	Lower	Upper
58	100		
43	309.5	262.8	394.2

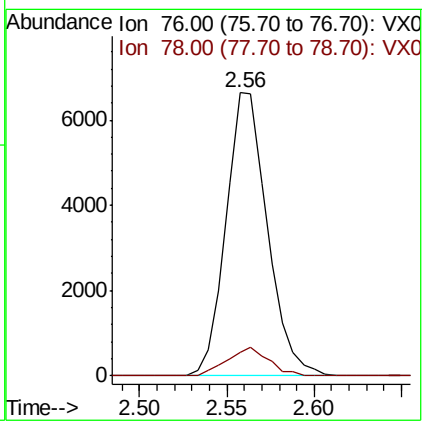


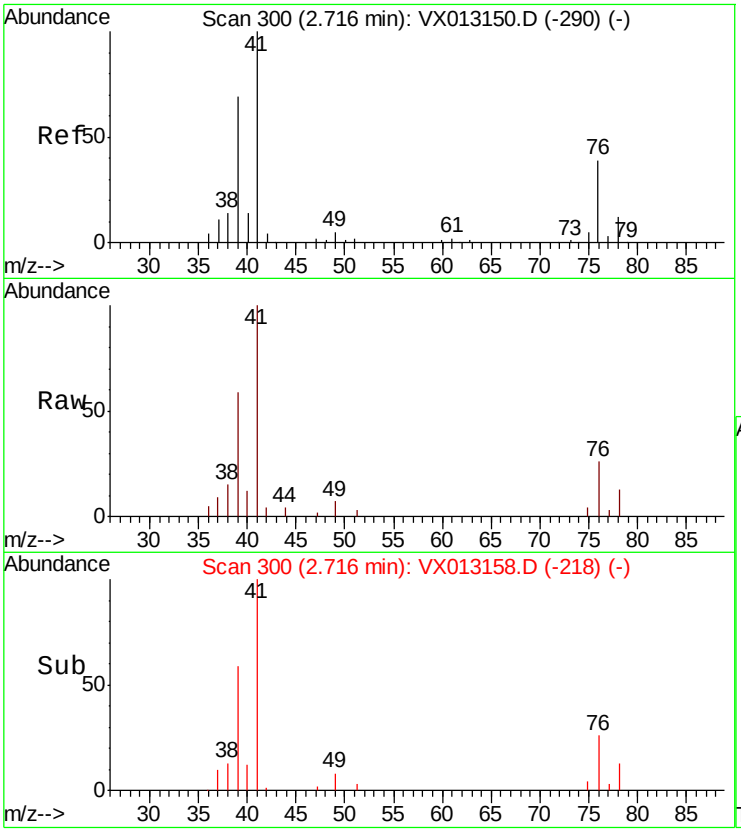


#16
Carbon Disulfide
Concen: 2.425 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 76 Resp: 10948

Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.6	10.0



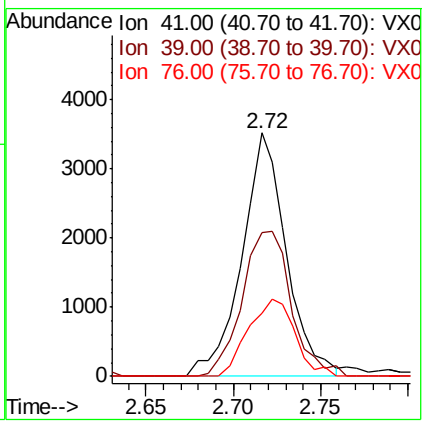


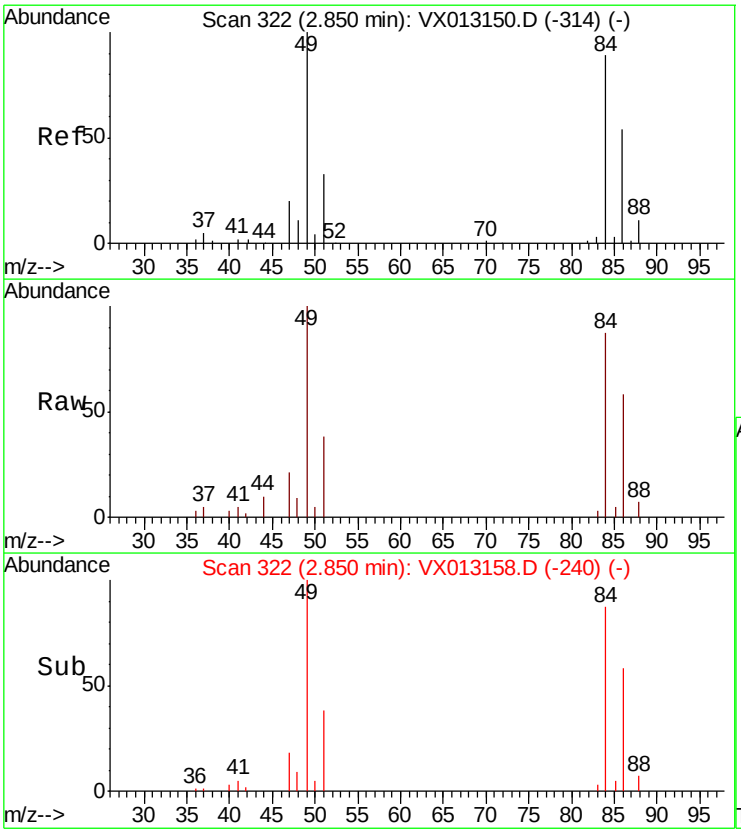
#17
Allyl chloride
Concen: 2.323 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 41 Resp: 6247

Ion	Ratio	Lower	Upper
41	100		
39	59.2	34.7	104.1
76	25.8	19.7	59.0

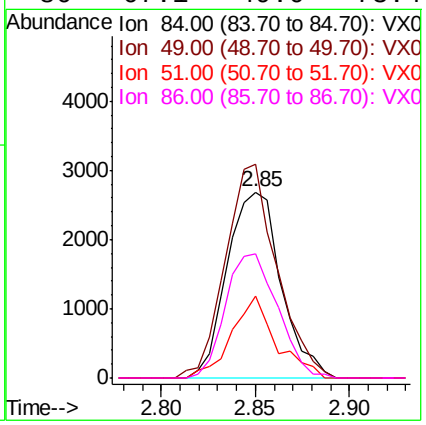


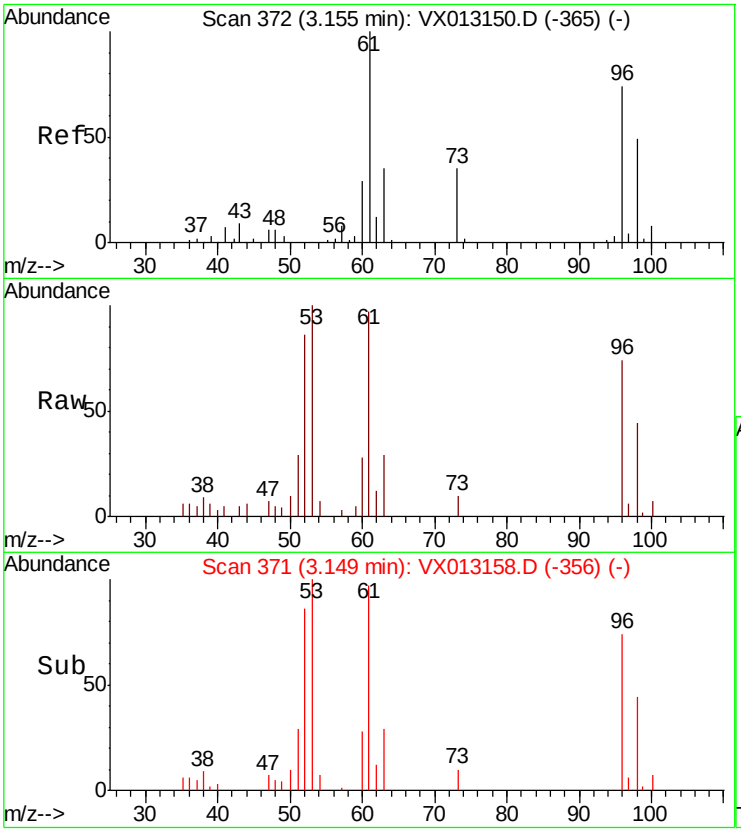


#18
Methylene Chloride
Concen: 2.719 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 84 Resp: 5322

Ion	Ratio	Lower	Upper
84	100		
49	114.9	90.3	135.5
51	44.0	29.9	44.9
86	67.1	49.0	73.4



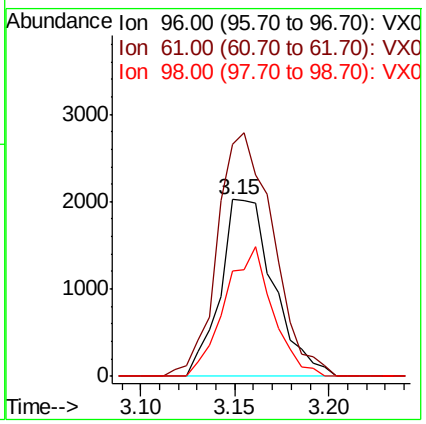


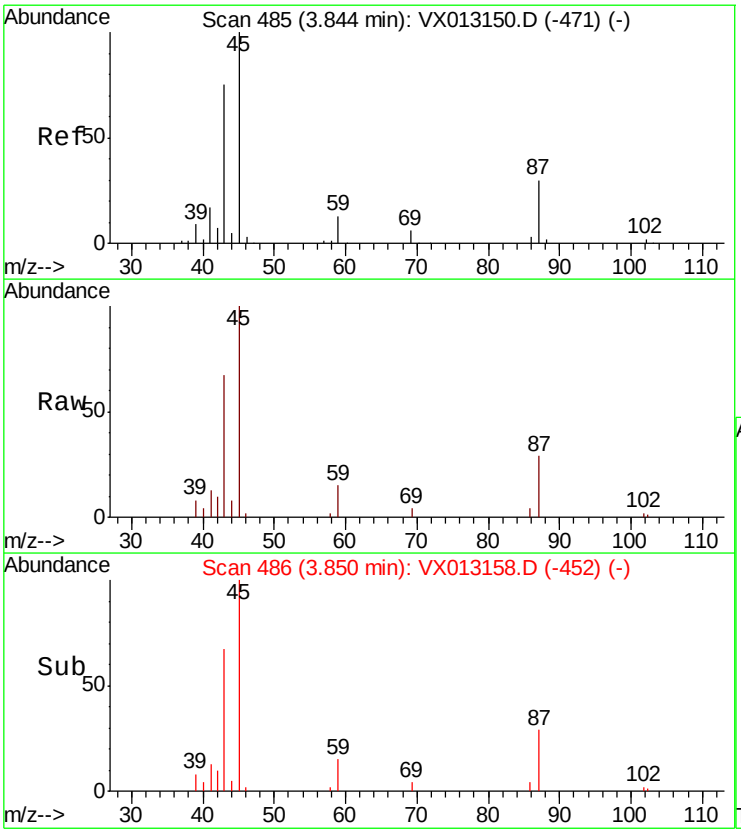
#19
trans-1,2-Dichloroethene
Concen: 2.222 ug/l
RT: 3.15 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 96 Resp: 3985

Ion	Ratio	Lower	Upper
96	100		
61	131.4	108.6	162.8
98	59.9	53.4	80.0

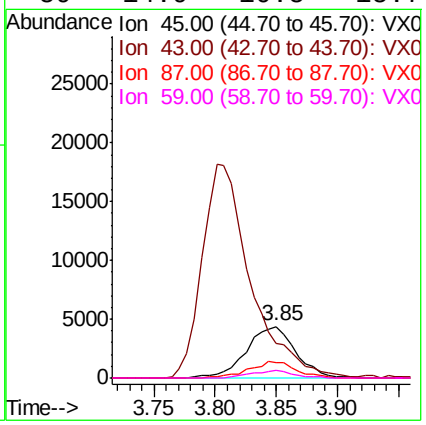


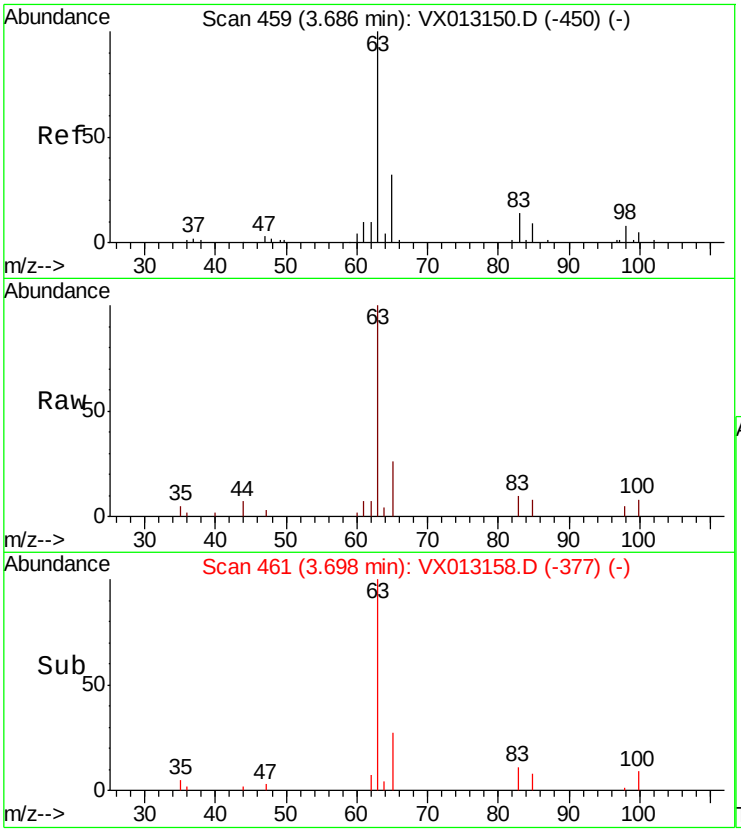


#20
Diisopropyl ether
Concen: 2.342 ug/l
RT: 3.85 min Scan# 486
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 45 Resp: 12177

Ion	Ratio	Lower	Upper
45	100		
43	59.1	60.6	91.0#
87	28.8	24.2	36.2
59	14.9	10.5	15.7



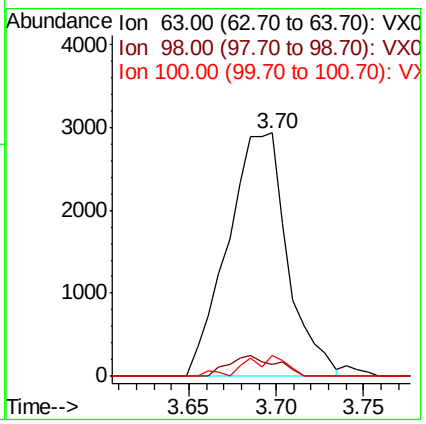


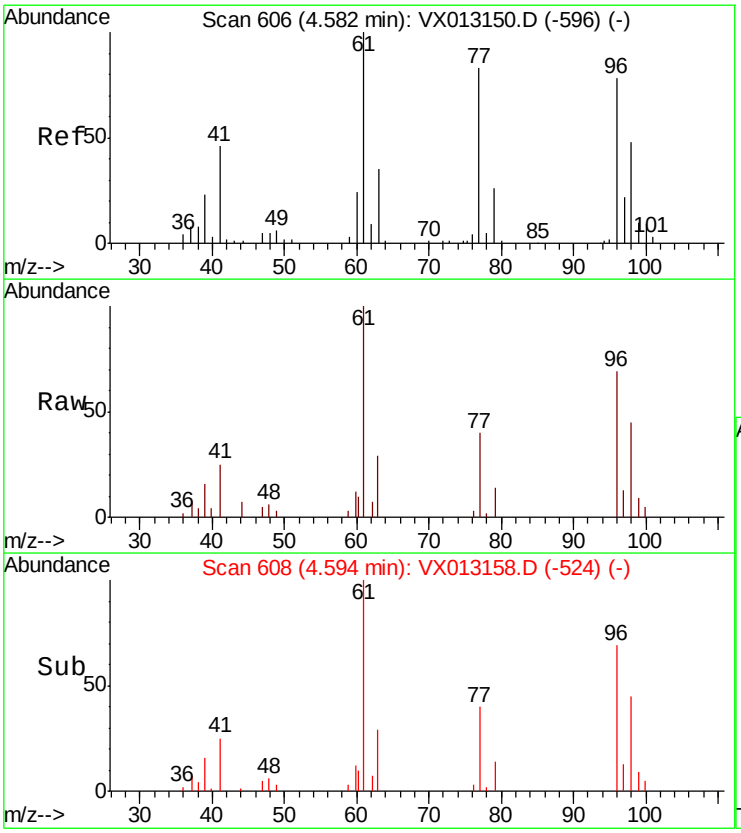
#21
1,1-Dichloroethane
Concen: 2.215 ug/l
RT: 3.70 min Scan# 461
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 63 Resp: 6993

Ion	Ratio	Lower	Upper
63	100		
98	5.1	4.2	12.4
100	8.5	2.4	7.2#

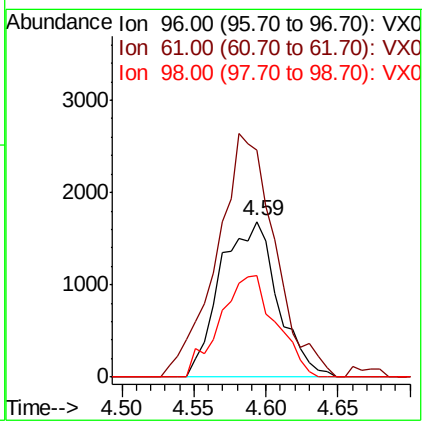


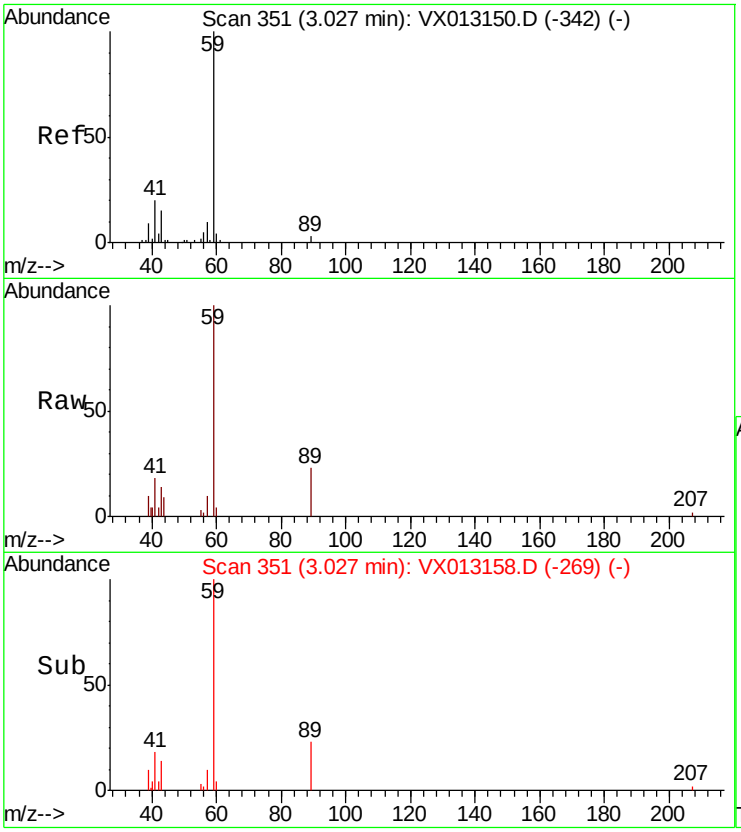


#22
cis-1,2-Dichloroethene
Concen: 2.284 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 96 Resp: 4671

Ion	Ratio	Lower	Upper
96	100		
61	159.1	112.5	168.7
98	63.5	51.2	76.8



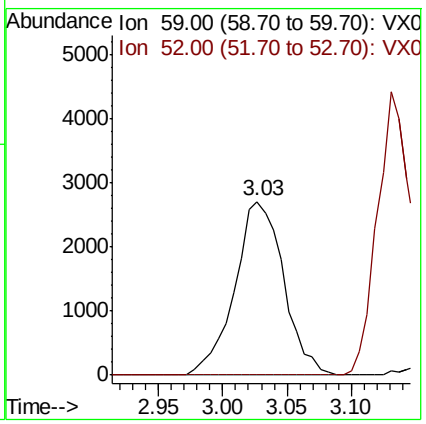


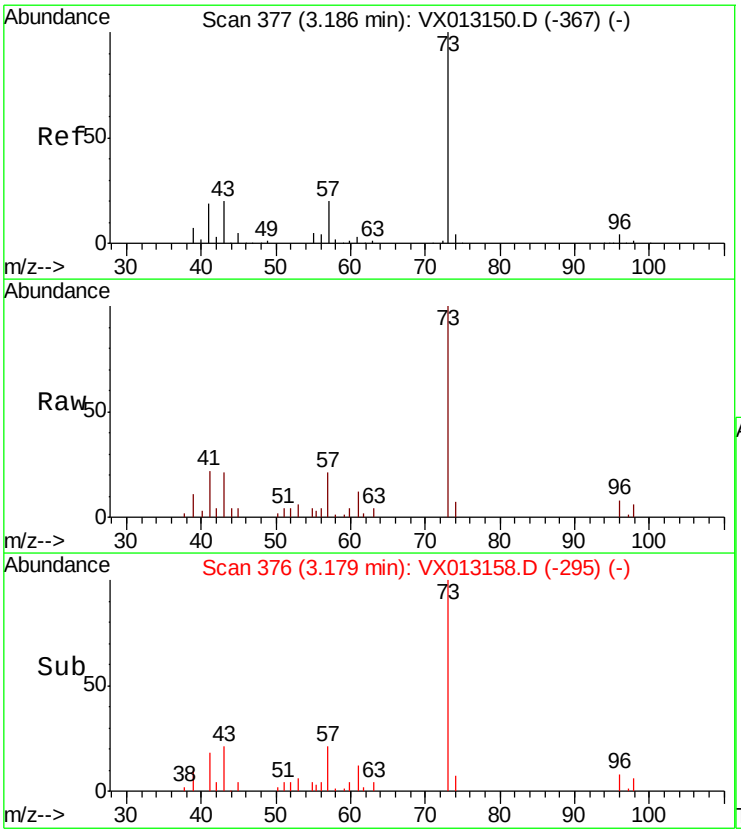
#23
tert-Butyl Alcohol
Concen: 14.781 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 59 Resp: 7109

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

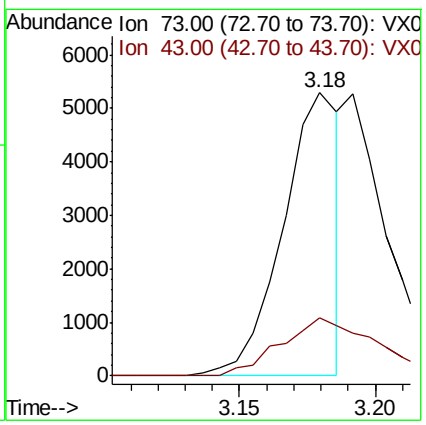


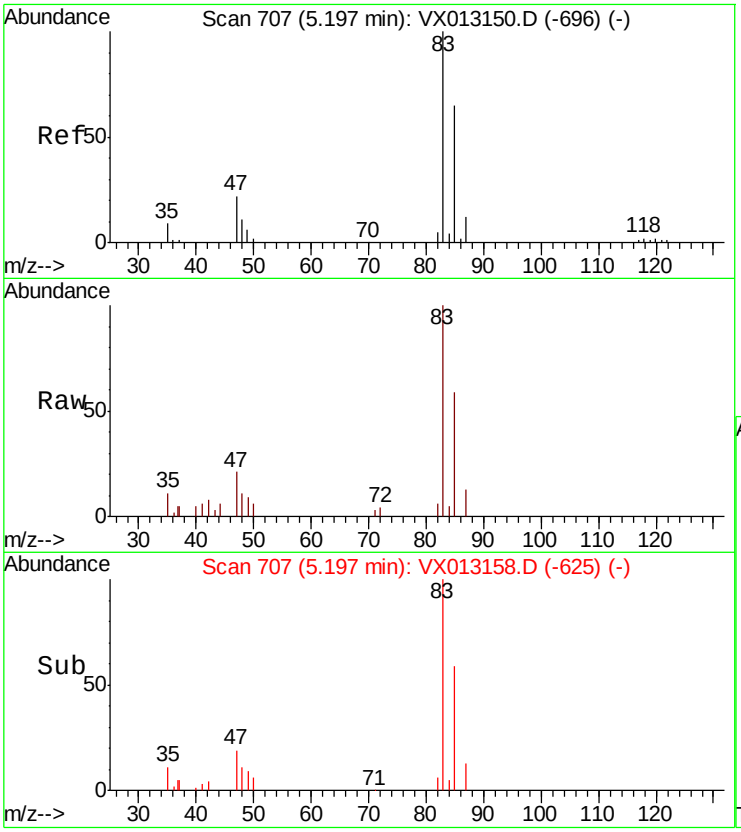


#24
Methyl tert-Butyl Ether
Concen: 1.316 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 73 Resp: 7673

Ion	Ratio	Lower	Upper
73	100		
43	33.6	17.1	25.7#



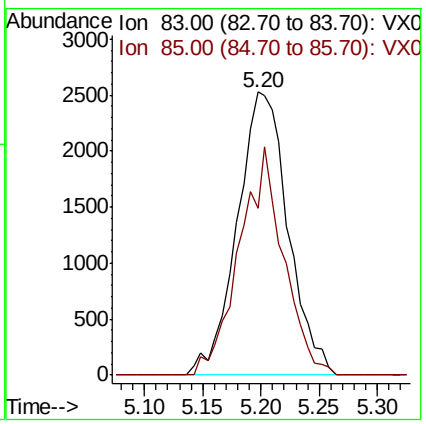


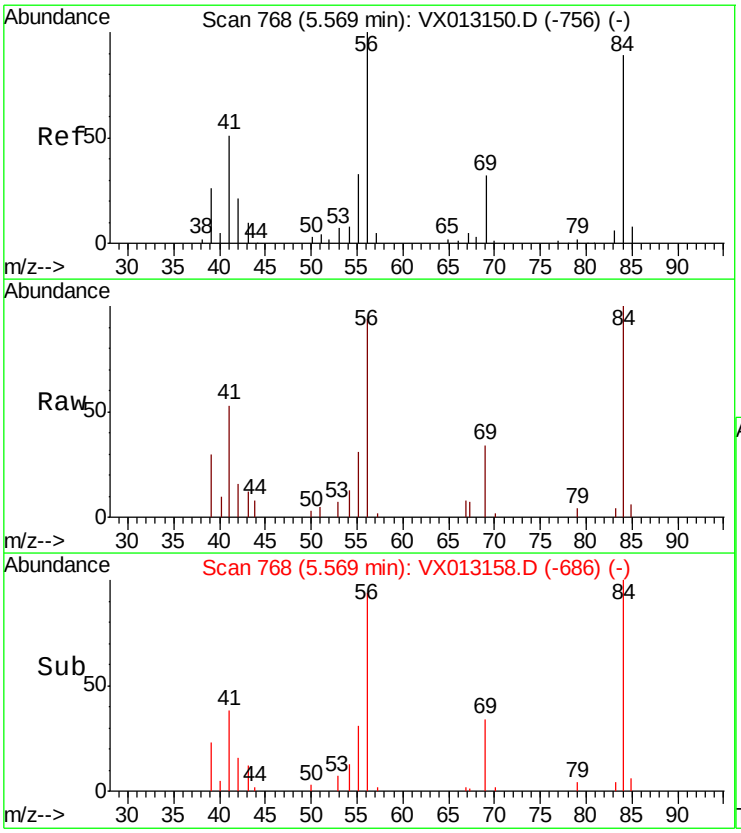
#25
Chloroform
Concen: 2.311 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 83 Resp: 7667

Ion	Ratio	Lower	Upper
83	100		
85	59.2	52.0	78.0

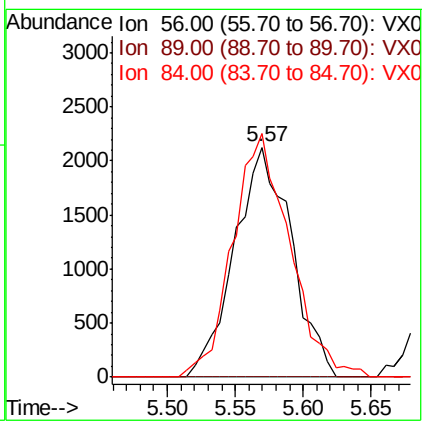


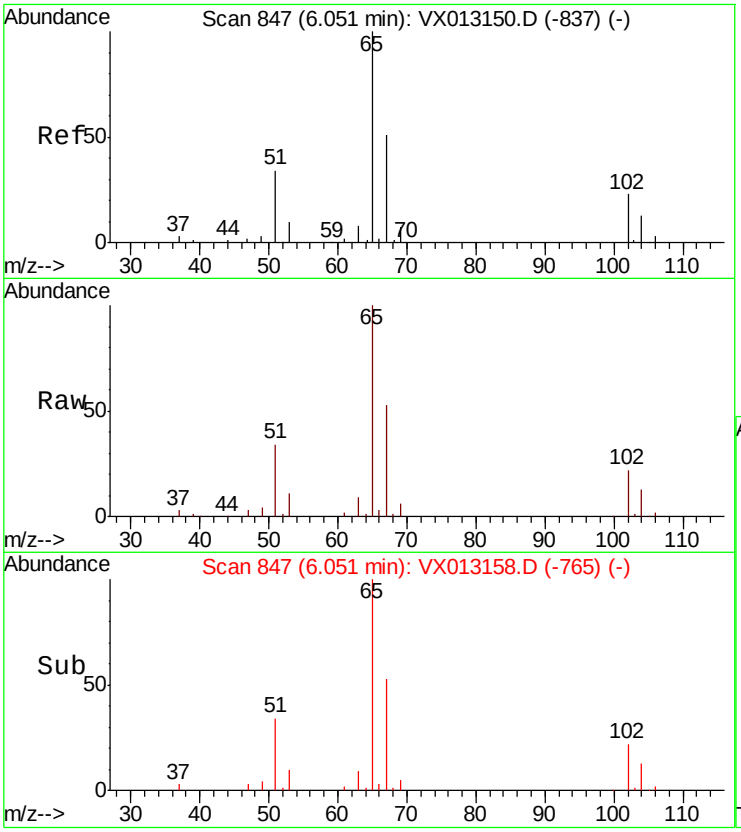


#26
Cyclohexane
Concen: 2.238 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 56 Resp: 6200

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.2	0.2#
84	104.9	74.0	111.0



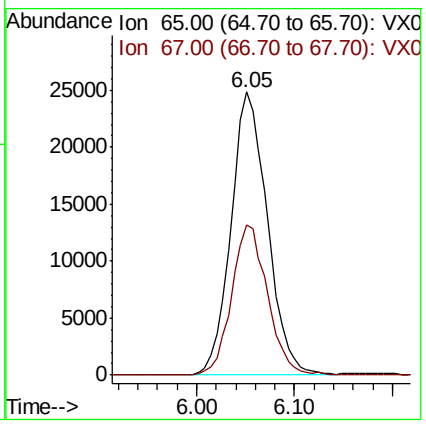


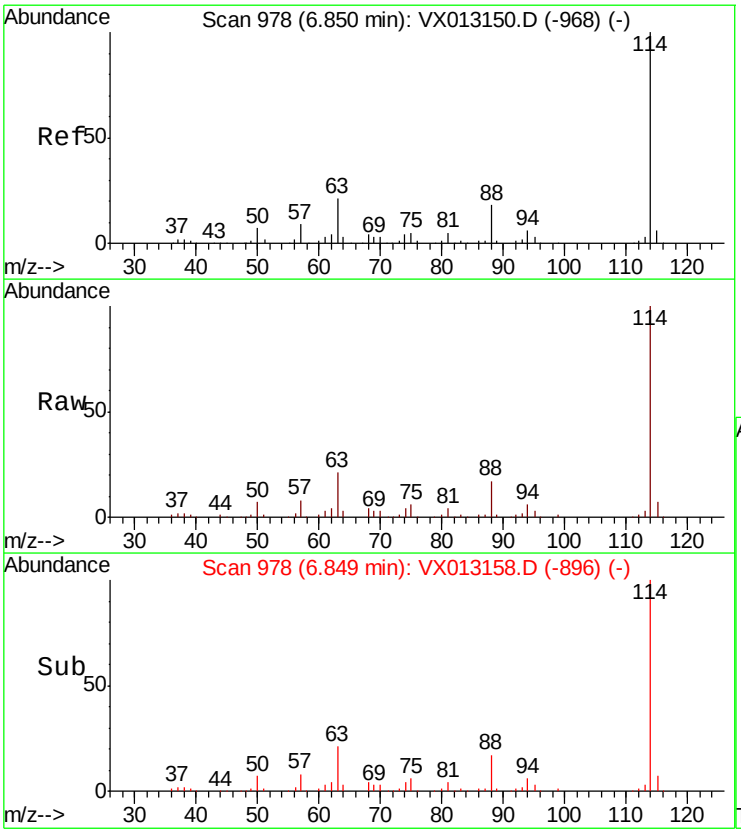
#27
1,2-Dichloroethane-d4
Concen: 29.584 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 65 Resp: 64171

Ion	Ratio	Lower	Upper
65	100		
67	51.9	42.2	63.4

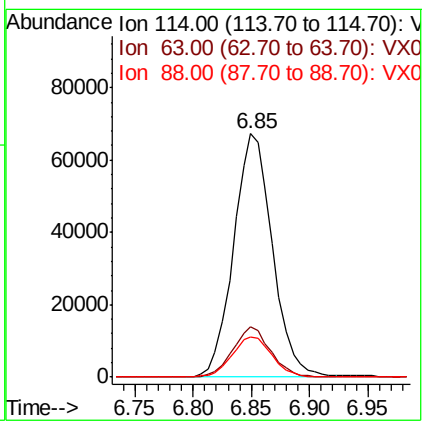


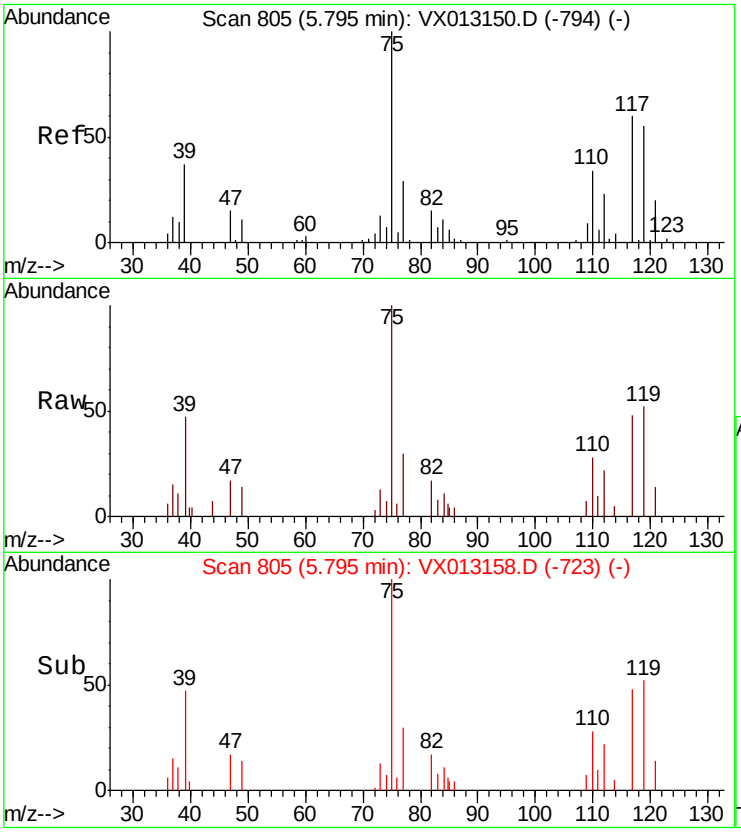


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion:114 Resp: 155966

Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.1	24.1
88	17.0	13.7	20.5



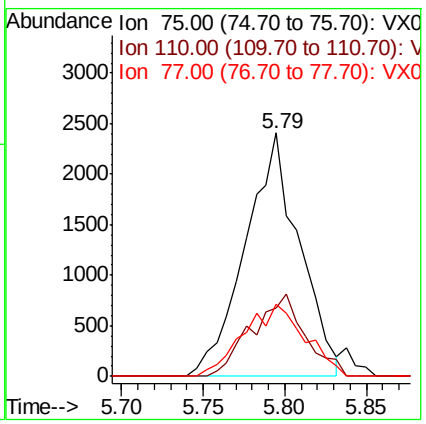


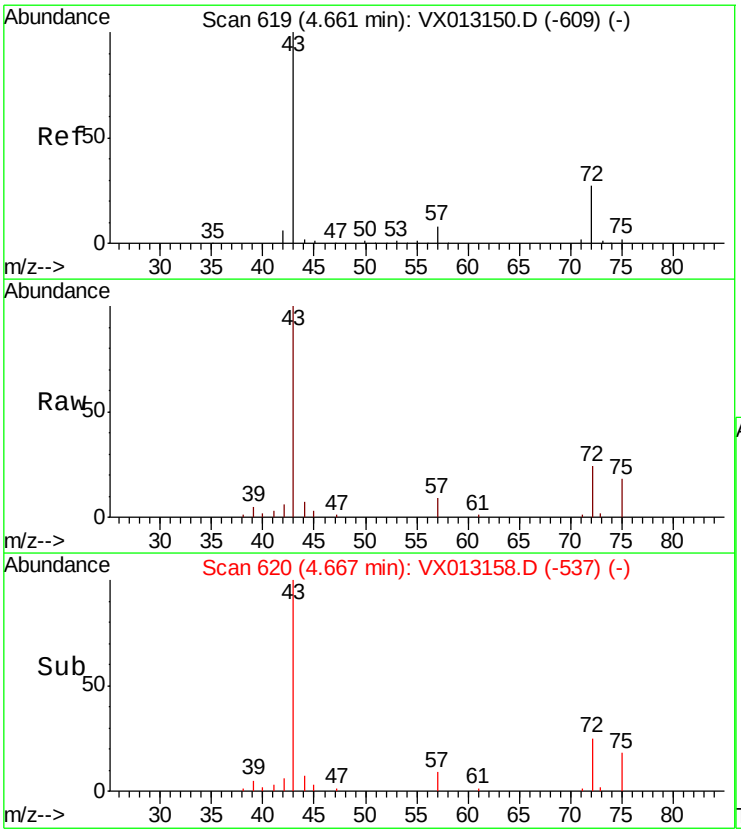
#29
1,1-Dichloropropene
Concen: 2.292 ug/l
RT: 5.79 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 75 Resp: 5553

Ion	Ratio	Lower	Upper
75	100		
110	33.5	0.0	68.4
77	33.8	0.0	30.8#

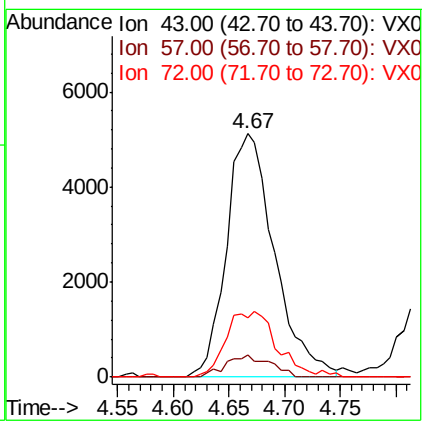


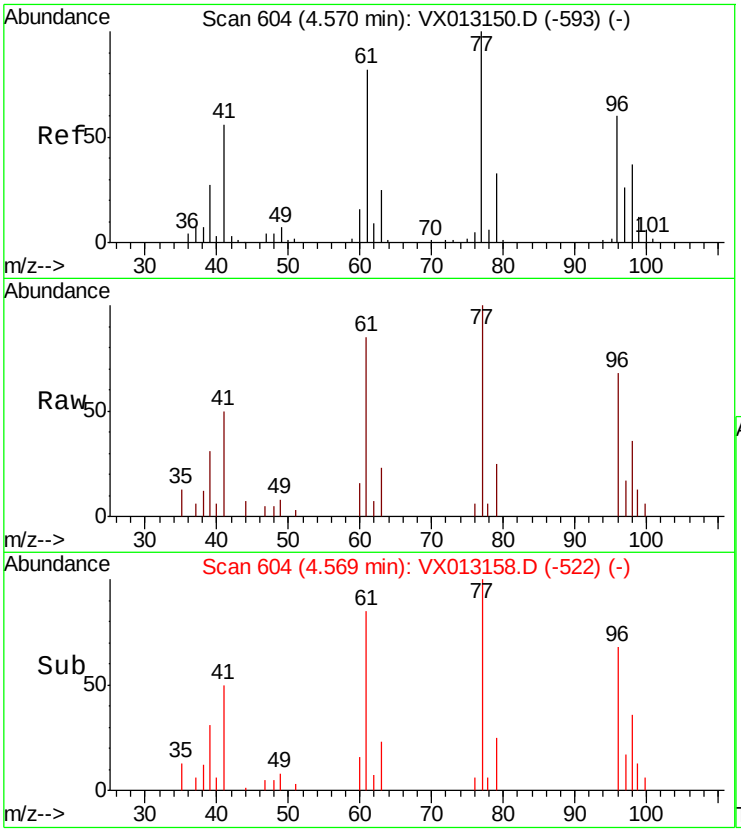


#30
2-Butanone
Concen: 12.068 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 43 Resp: 15338

Ion	Ratio	Lower	Upper
43	100		
57	0.8	7.0	10.6#
72	0.0	23.4	35.2#



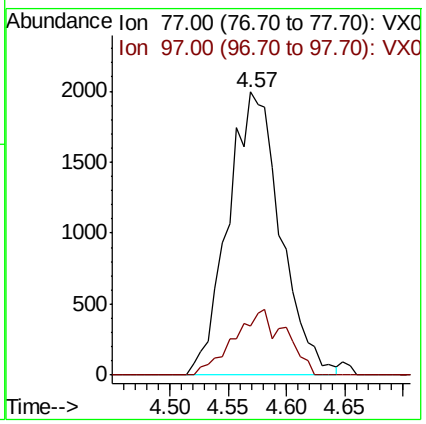


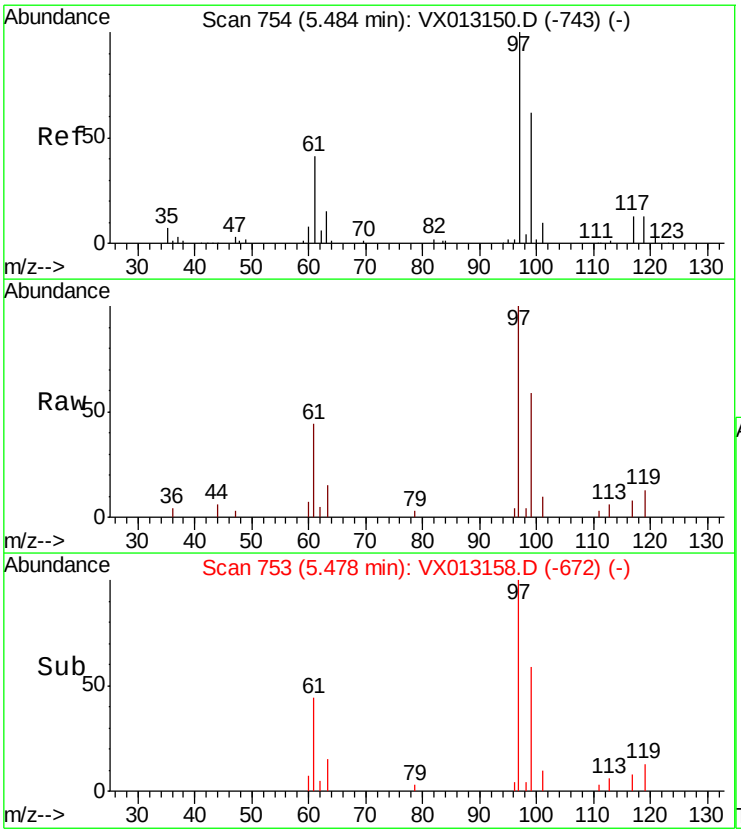
#31
2,2-Dichloropropane
Concen: 2.240 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 77 Resp: 6276

Ion	Ratio	Lower	Upper
77	100		
97	16.1	19.1	28.7#

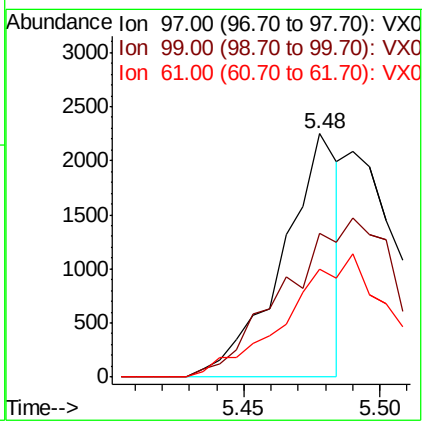


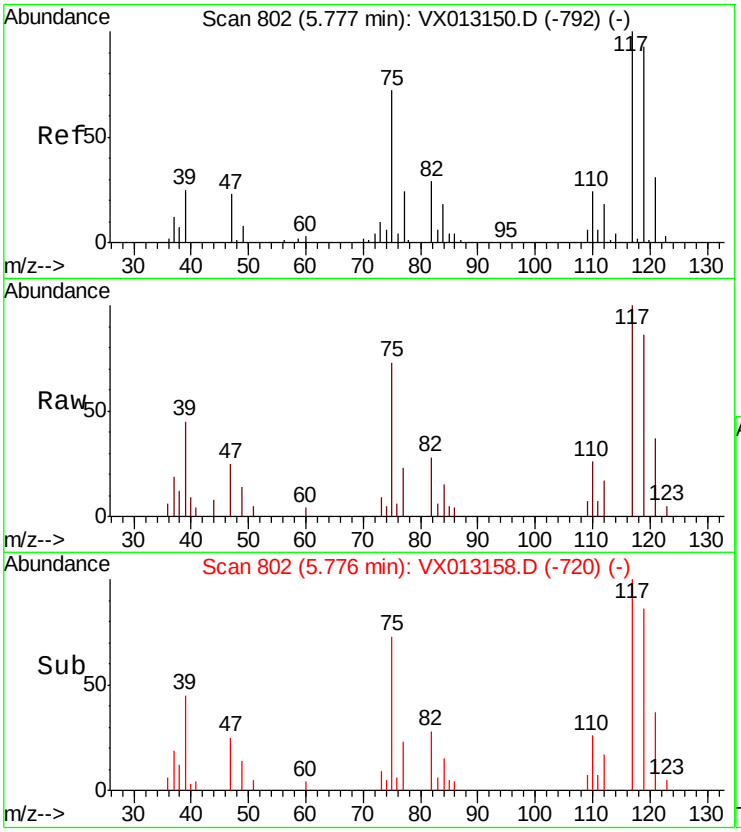


#32
1,1,1-Trichloroethane
Concen: 1.113 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 97 Resp: 3263

Ion	Ratio	Lower	Upper
97	100		
99	138.2	51.8	77.8#
61	89.5	33.5	50.3#



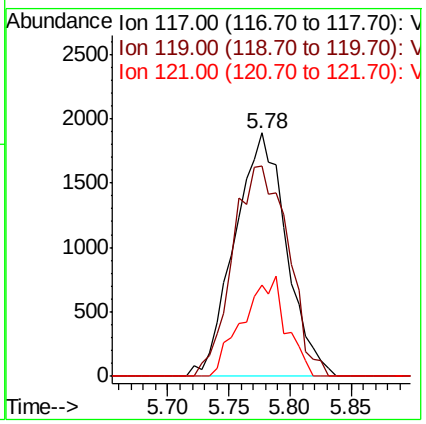


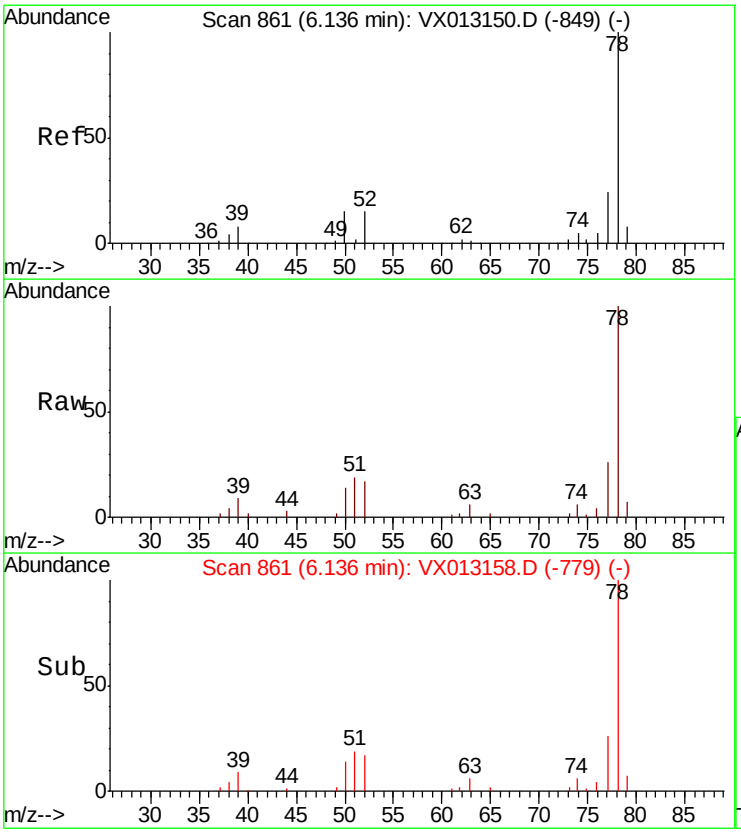
#33
Carbon Tetrachloride
Concen: 2.206 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:117 Resp: 5560

Ion	Ratio	Lower	Upper
117	100		
119	86.4	74.9	112.3
121	37.4	25.0	37.4

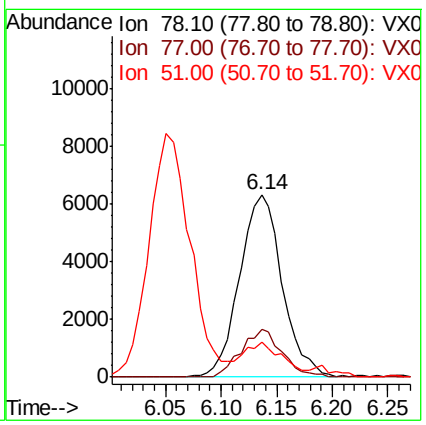


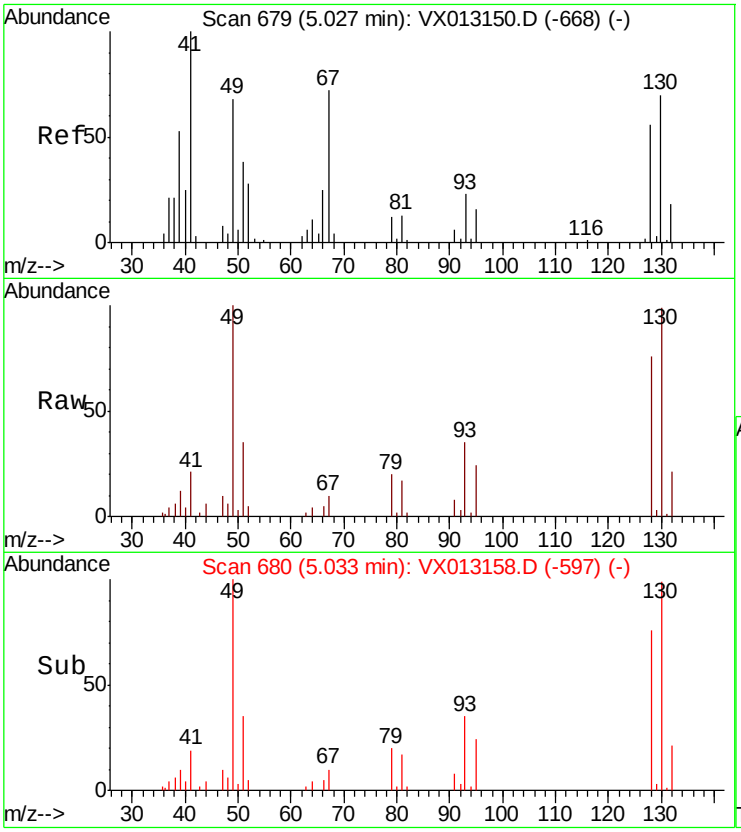


#34
Benzene
Concen: 2.415 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 78 Resp: 16842

Ion	Ratio	Lower	Upper
78	100		
77	26.4	19.3	28.9
51	15.7	11.4	17.2



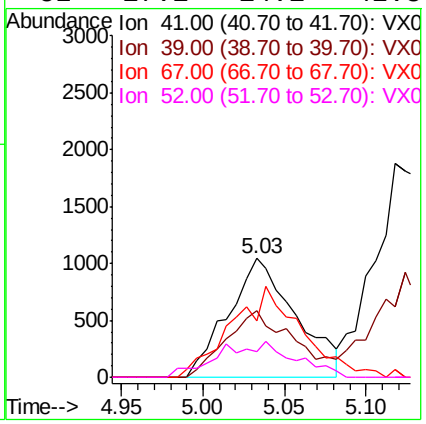


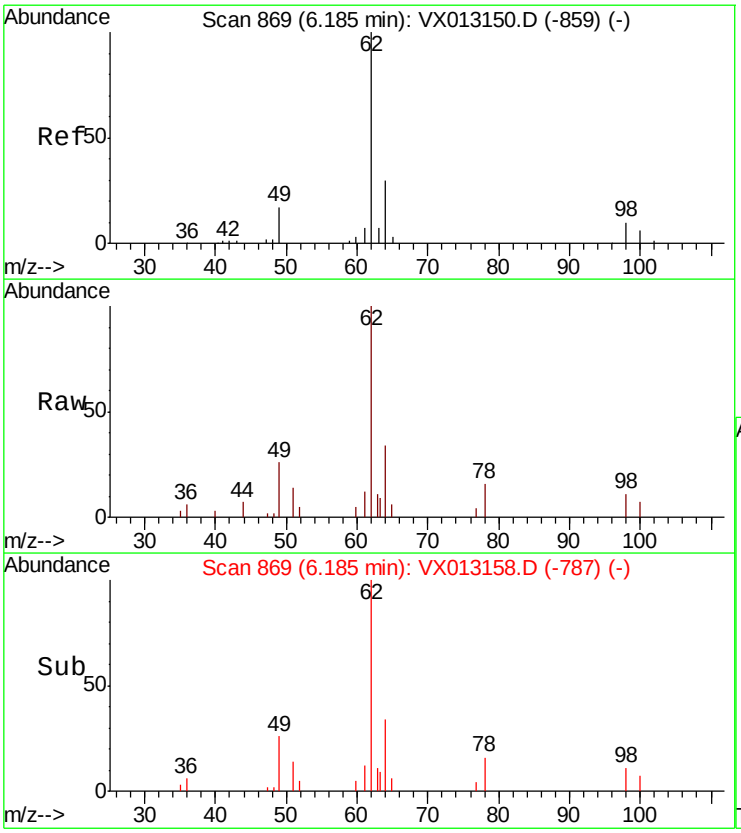
#35
Methacrylonitrile
Concen: 2.307 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 41 Resp: 3007

Ion	Ratio	Lower	Upper
41	100		
39	56.0	26.3	78.9
67	40.3	35.8	107.4
52	17.1	14.1	42.3

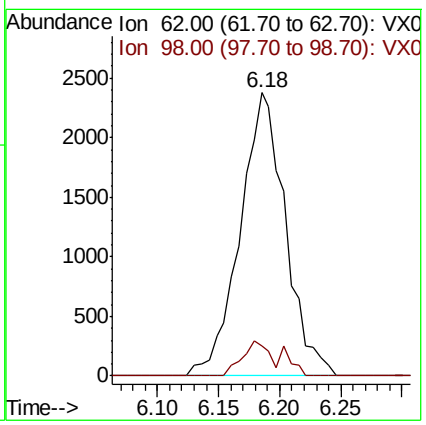


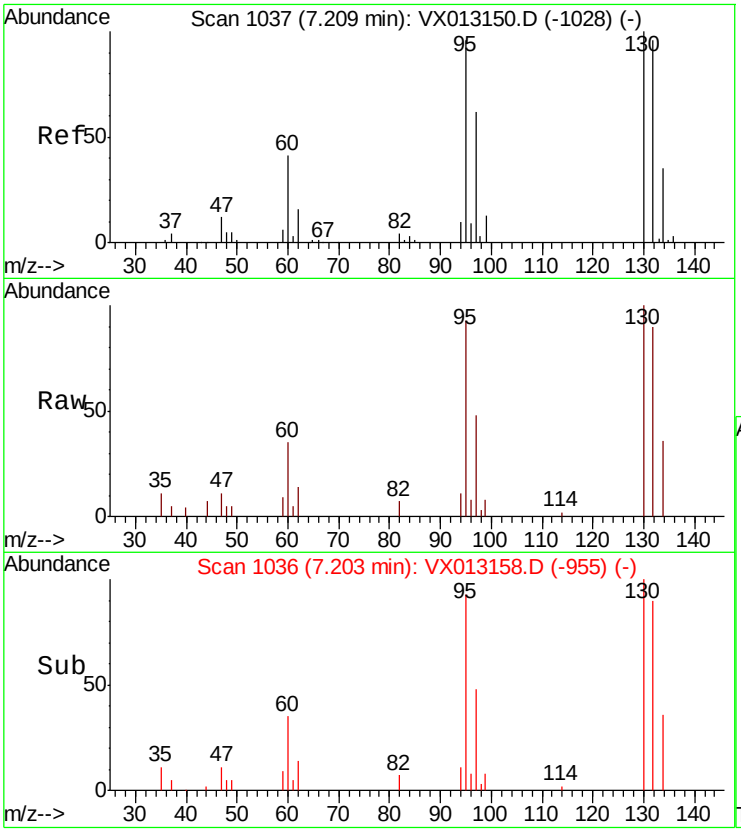


#36
1,2-Dichloroethane
Concen: 2.327 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 62 Resp: 6137

Ion	Ratio	Lower	Upper
62	100		
98	7.3	8.0	12.0#



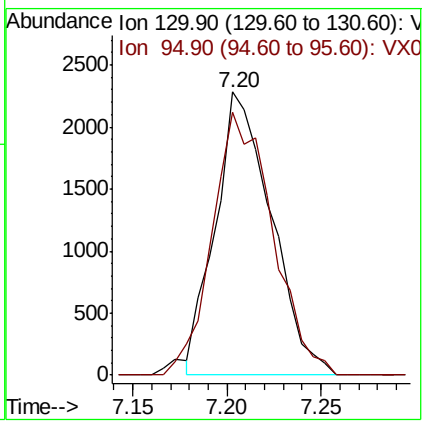


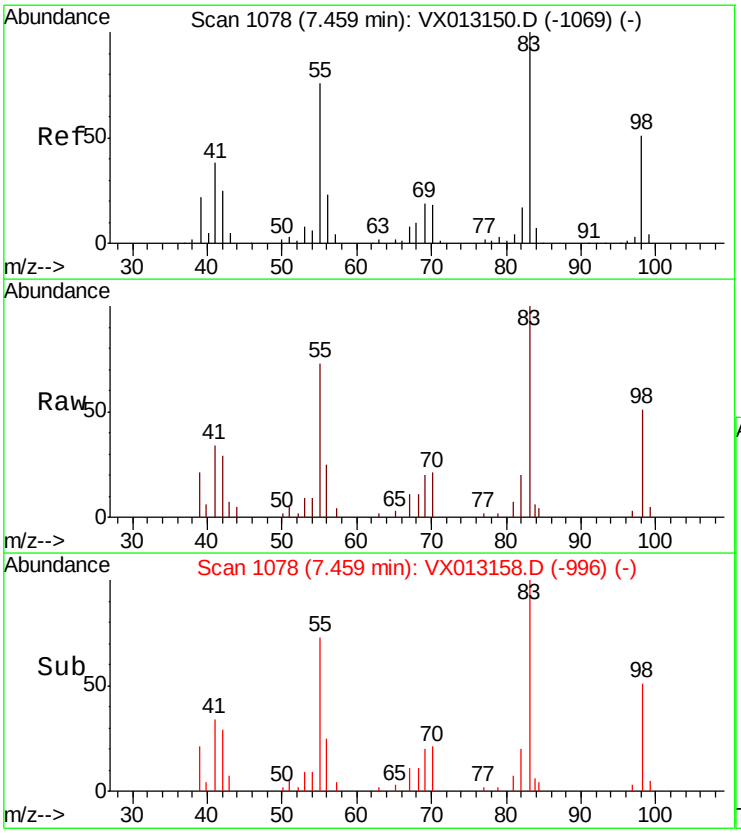
#37
Trichloroethene
Concen: 2.430 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:130 Resp: 4702

Ion	Ratio	Lower	Upper
130	100		
95	92.9	77.0	115.6

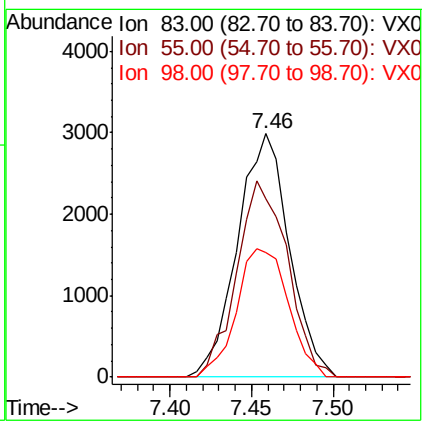


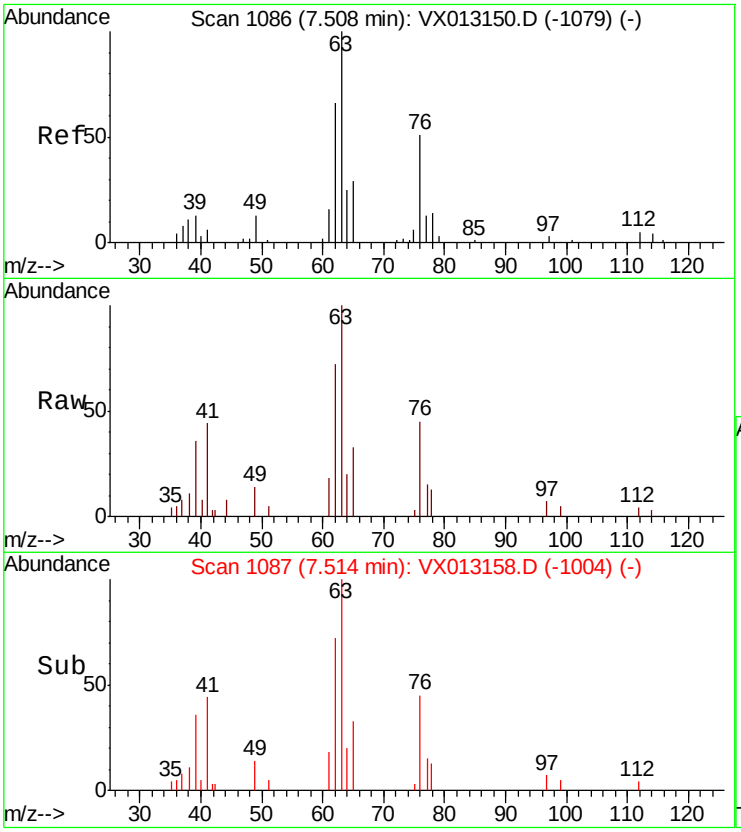


#38
Methylcyclohexane
Concen: 2.237 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 83 Resp: 6610

Ion	Ratio	Lower	Upper
83	100		
55	79.0	37.5	112.5
98	52.7	25.4	76.0



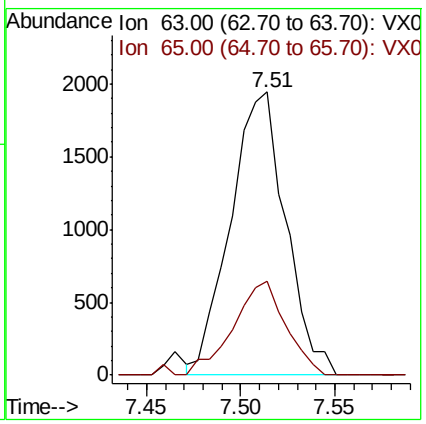


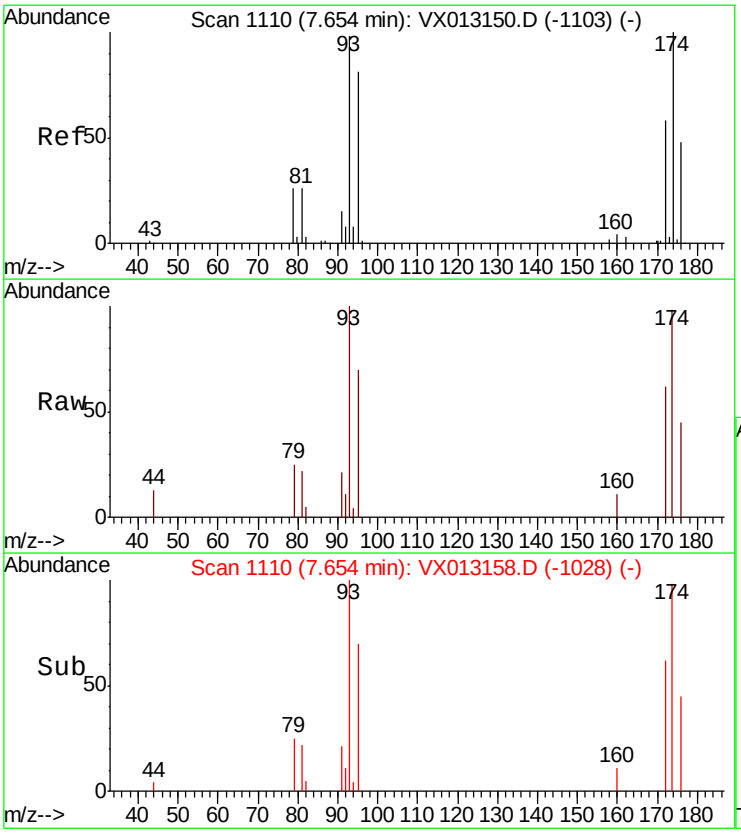
#39
1,2-Dichloropropane
Concen: 2.315 ug/l
RT: 7.51 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 63 Resp: 3963

Ion	Ratio	Lower	Upper
63	100		
65	33.4	24.8	37.2

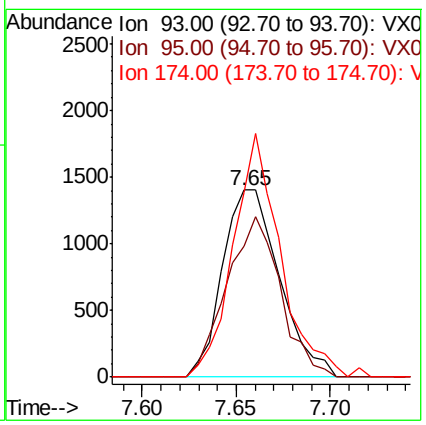


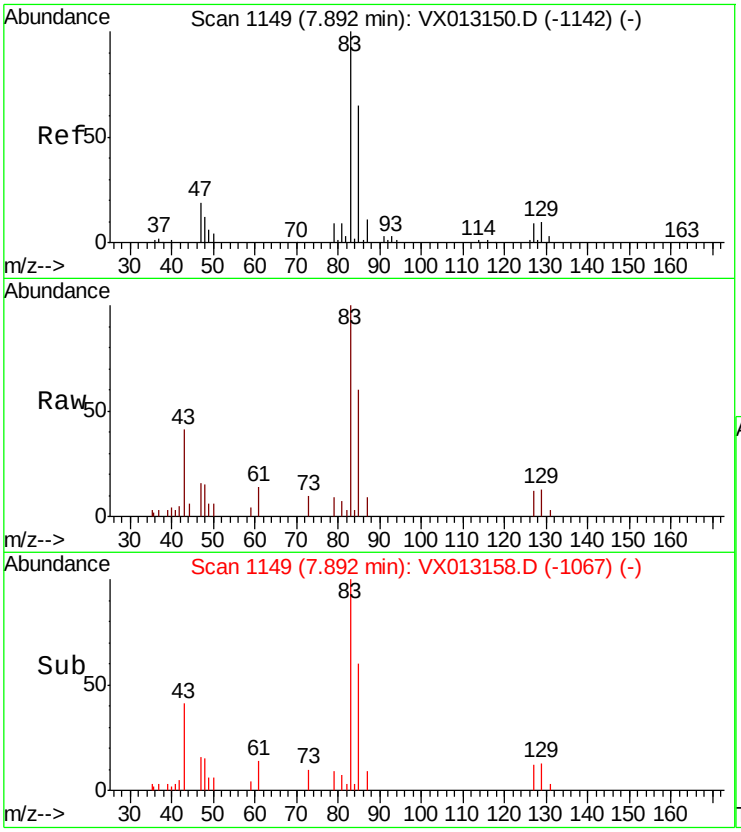


#40
Dibromomethane
Concen: 2.406 ug/l
RT: 7.65 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 93 Resp: 2942

Ion	Ratio	Lower	Upper
93	100		
95	80.8	0.0	166.0
174	107.5	0.0	208.8



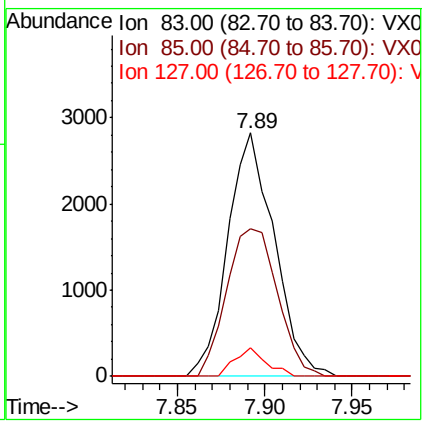


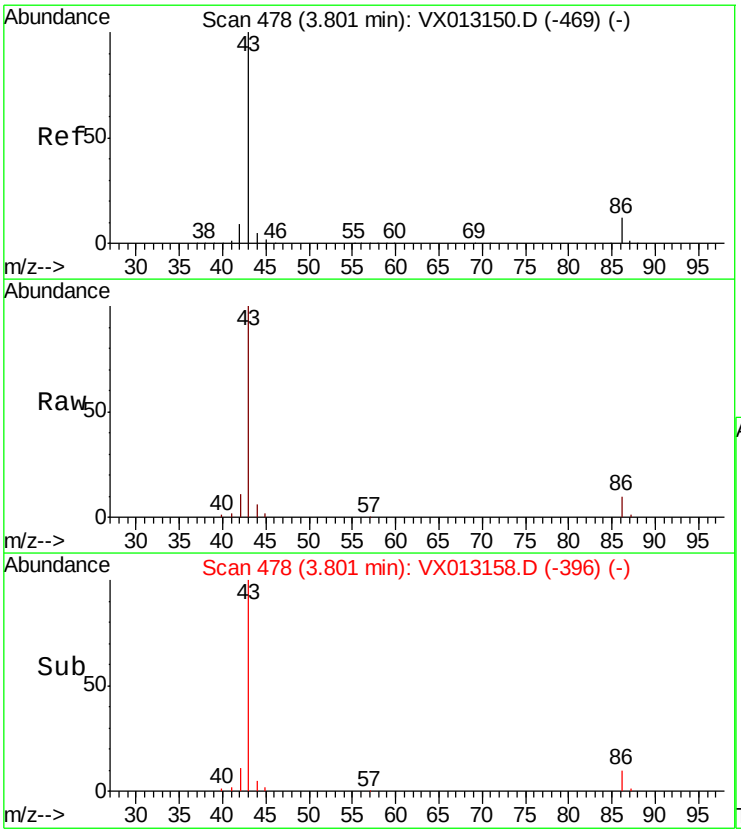
#41
Bromodichloromethane
Concen: 2.118 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 83 Resp: 5223

Ion	Ratio	Lower	Upper
83	100		
85	60.5	52.1	78.1
127	11.9	7.5	11.3#

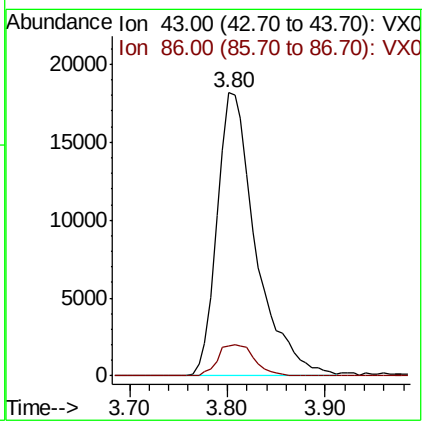


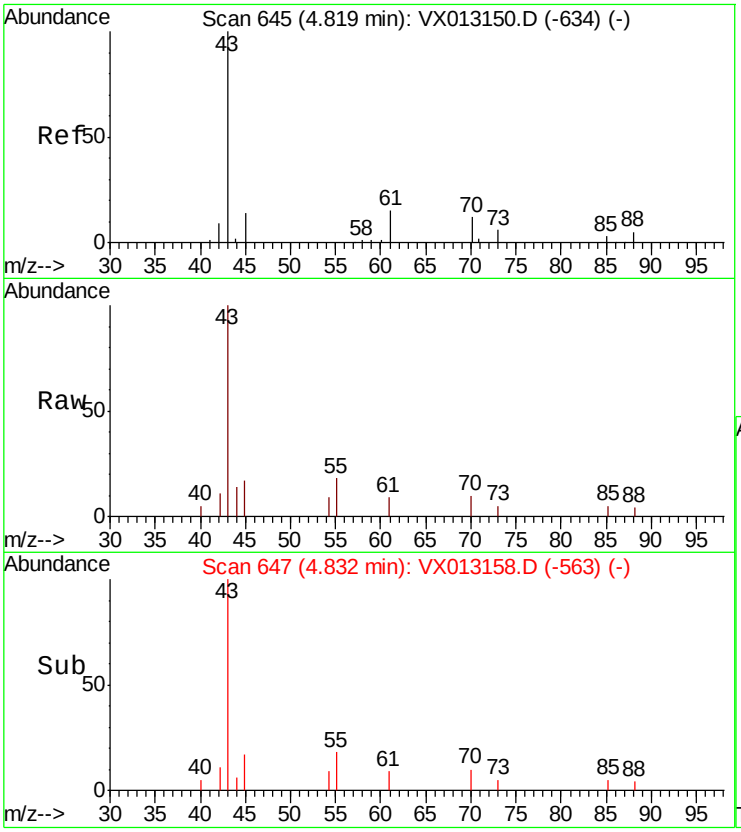


#42
Vinyl Acetate
Concen: 11.361 ug/l
RT: 3.80 min Scan# 478
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 43 Resp: 50070

Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.6	12.8



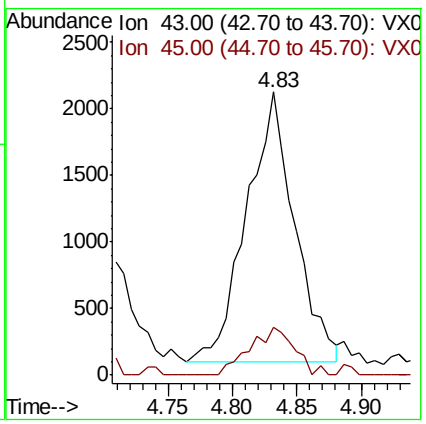


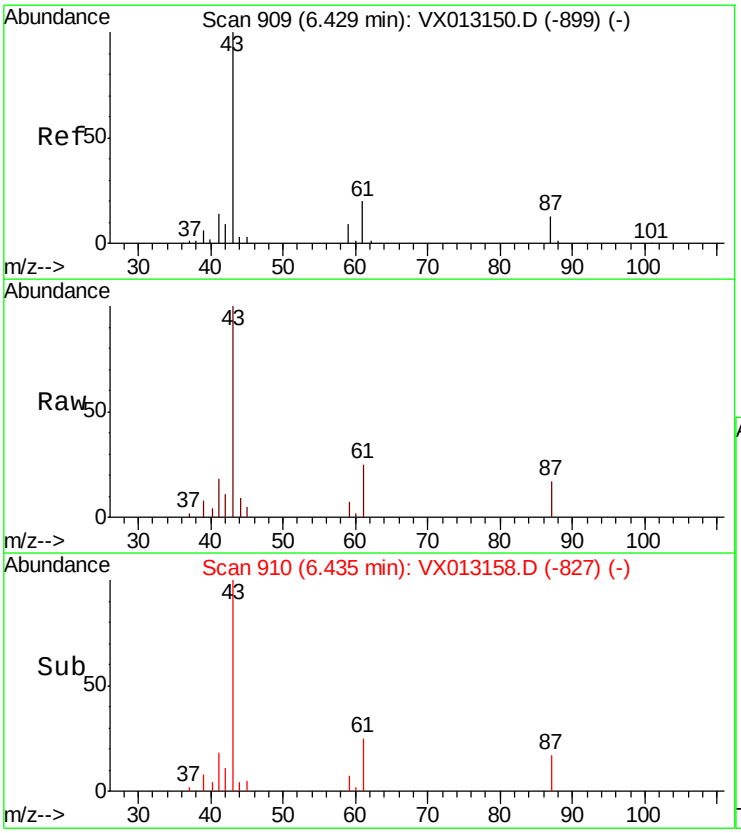
#43
Ethyl Acetate
Concen: 2.270 ug/l
RT: 4.83 min Scan# 647
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 43 Resp: 5261

Ion	Ratio	Lower	Upper
43	100		
45	16.1	12.6	18.8

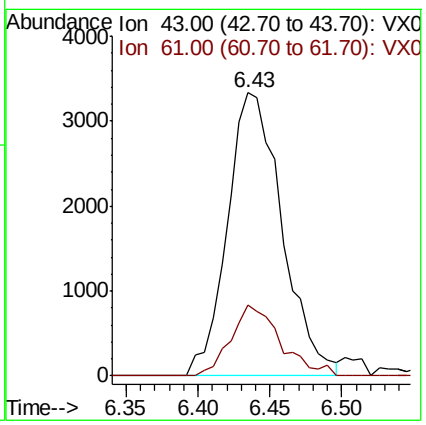


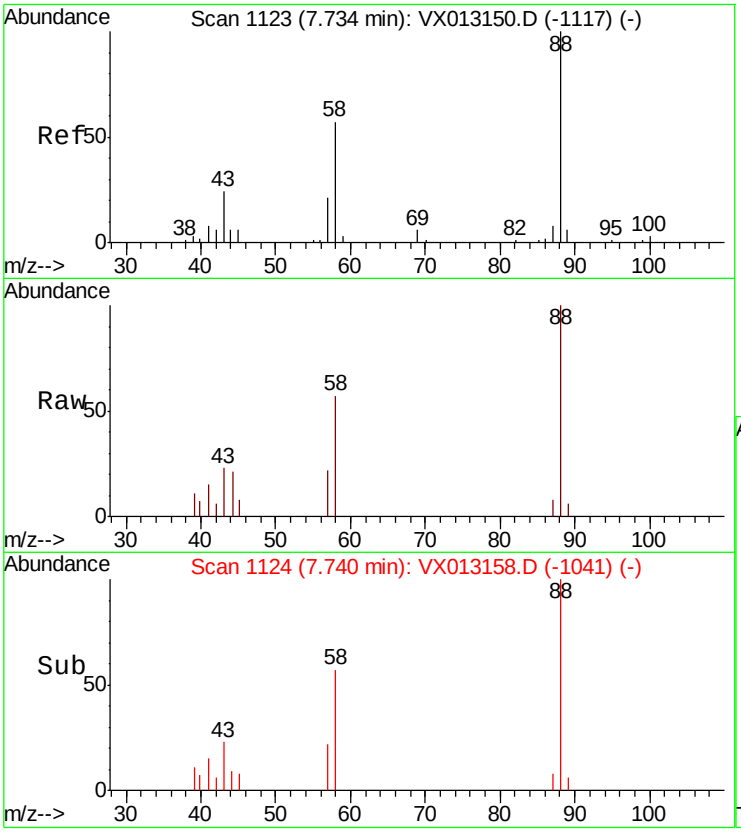


#44
Isopropyl Acetate
Concen: 2.267 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 43 Resp: 8833

Ion	Ratio	Lower	Upper
43	100		
61	19.3	16.8	25.2



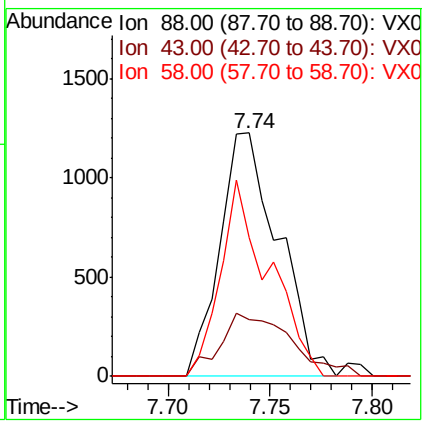


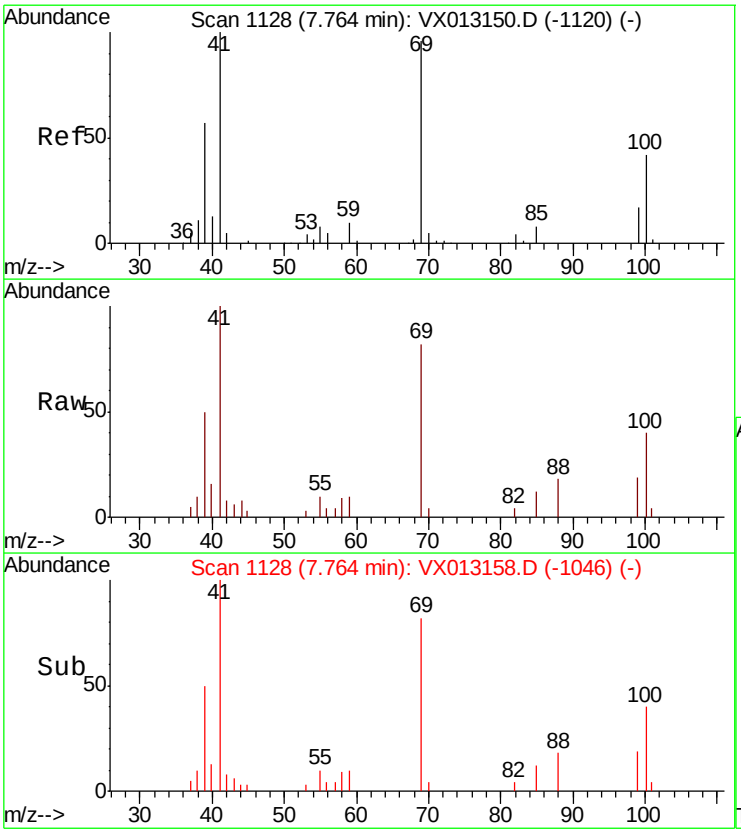
#45
1,4-Dioxane
Concen: 49.543 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 88 Resp: 2441

Ion	Ratio	Lower	Upper
88	100		
43	31.4	24.0	36.0
58	47.6	52.8	79.2#

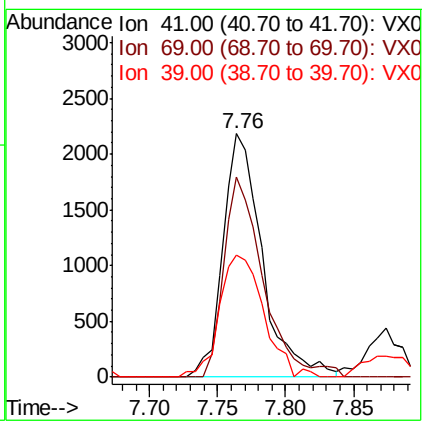


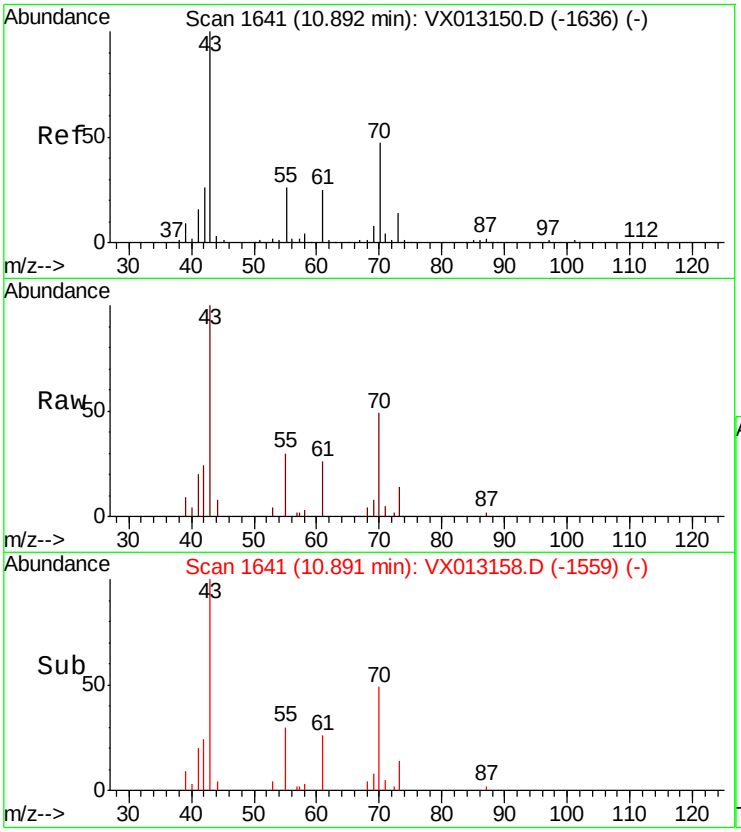


#46
Methyl methacrylate
Concen: 2.285 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 41 Resp: 4381

Ion	Ratio	Lower	Upper
41	100		
69	82.0	47.8	143.3
39	50.2	28.5	85.5



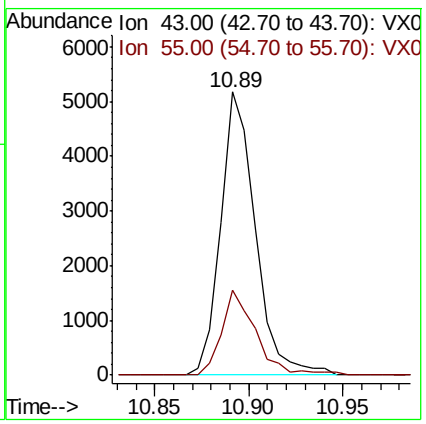


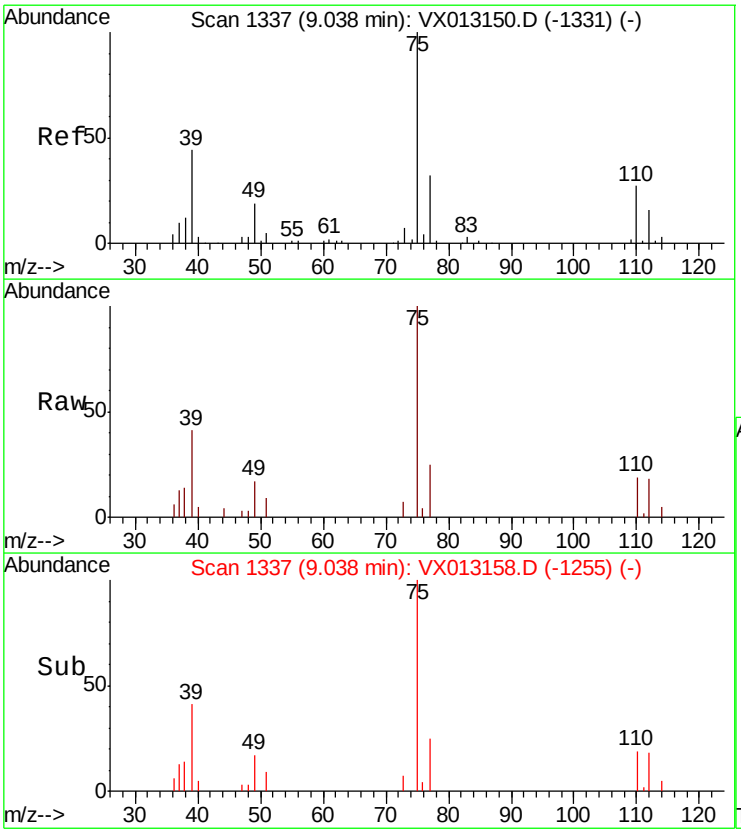
#47
n-amyl Acetate
Concen: 2.011 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 43 Resp: 6604

Ion	Ratio	Lower	Upper
43	100		
55	28.3	20.9	31.3

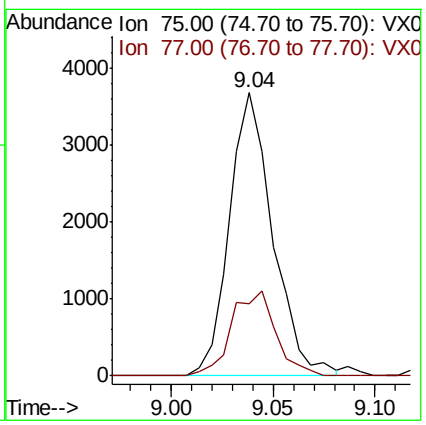


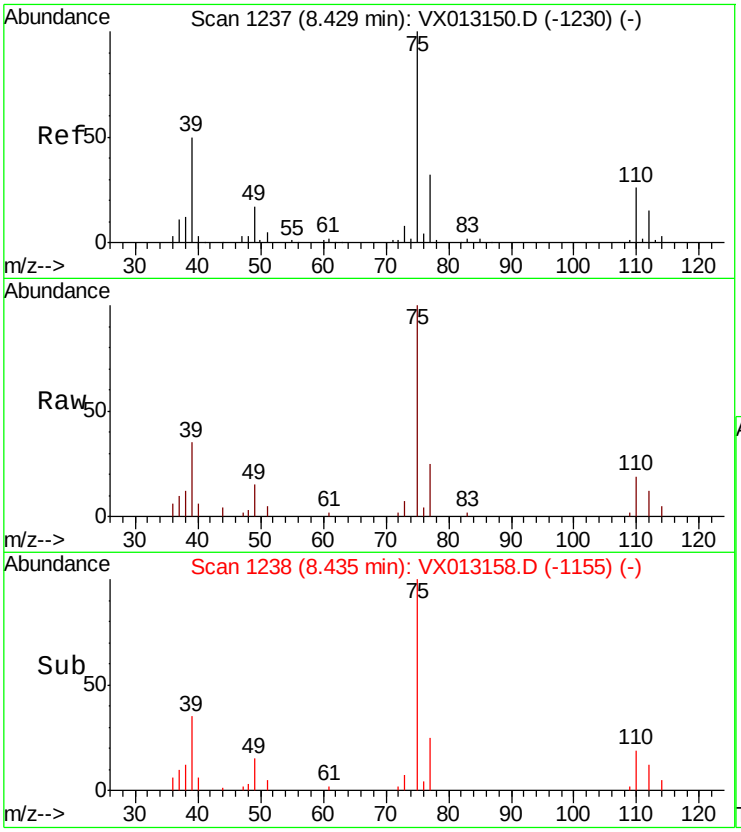


#48
t-1,3-Dichloropropene
Concen: 2.003 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 75 Resp: 5418

Ion	Ratio	Lower	Upper
75	100		
77	25.3	25.6	38.4#



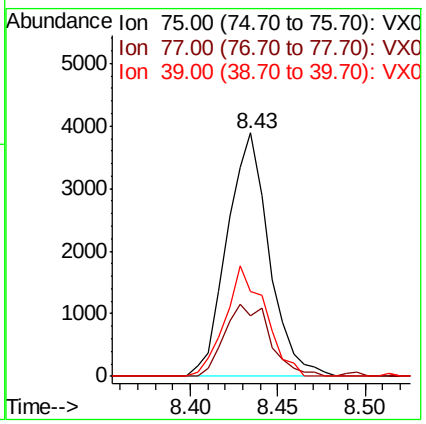


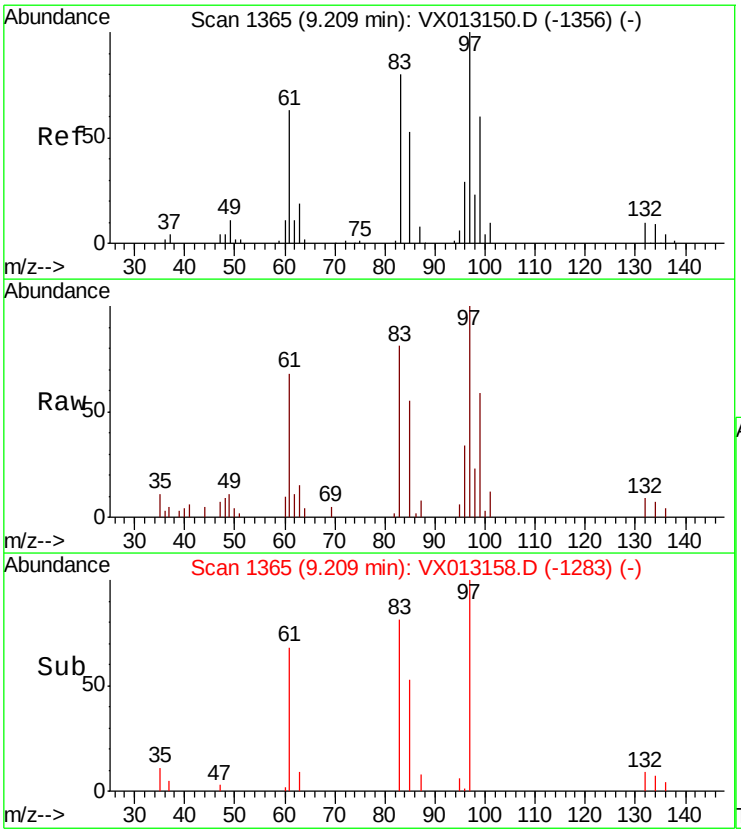
#49
cis-1,3-Dichloropropene
Concen: 2.204 ug/l
RT: 8.43 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 75 Resp: 6488

Ion	Ratio	Lower	Upper
75	100		
77	25.1	25.8	38.8#
39	35.1	39.7	59.5#

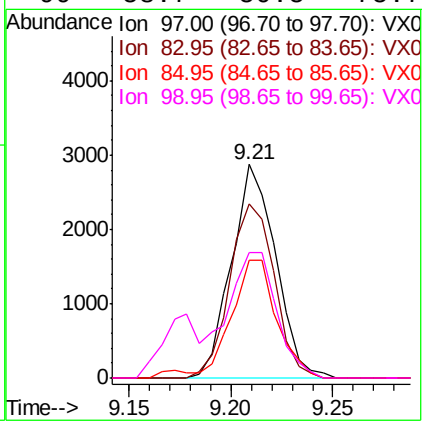


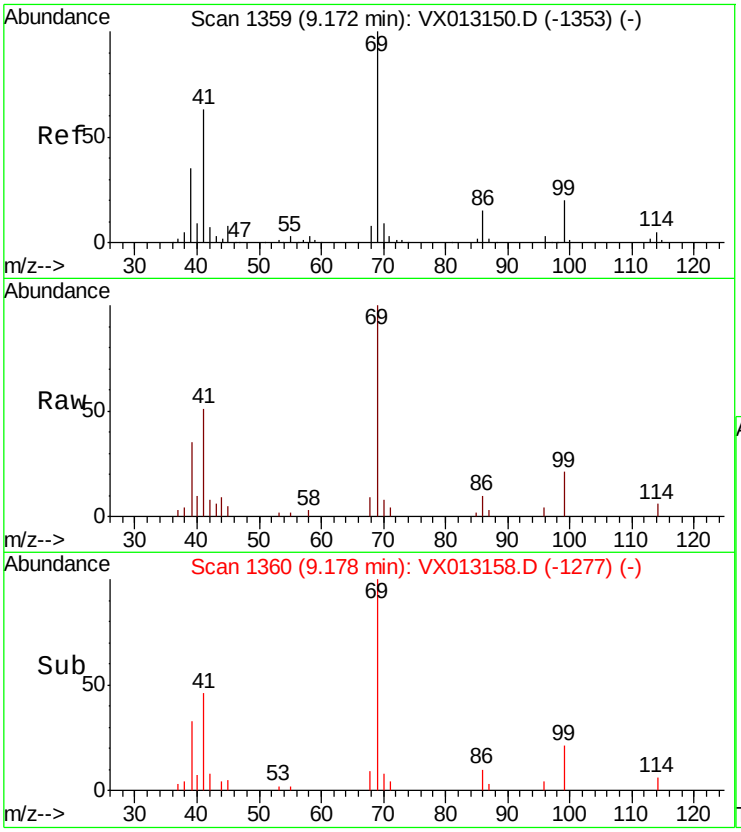


#50
1,1,2-Trichloroethane
Concen: 2.389 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 97 Resp: 4314

Ion	Ratio	Lower	Upper
97	100		
83	81.5	64.2	96.4
85	55.3	42.7	64.1
99	58.7	50.5	75.7



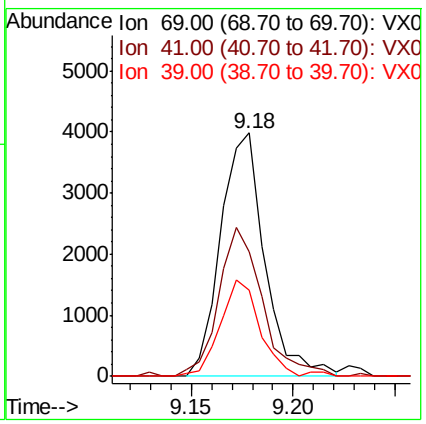


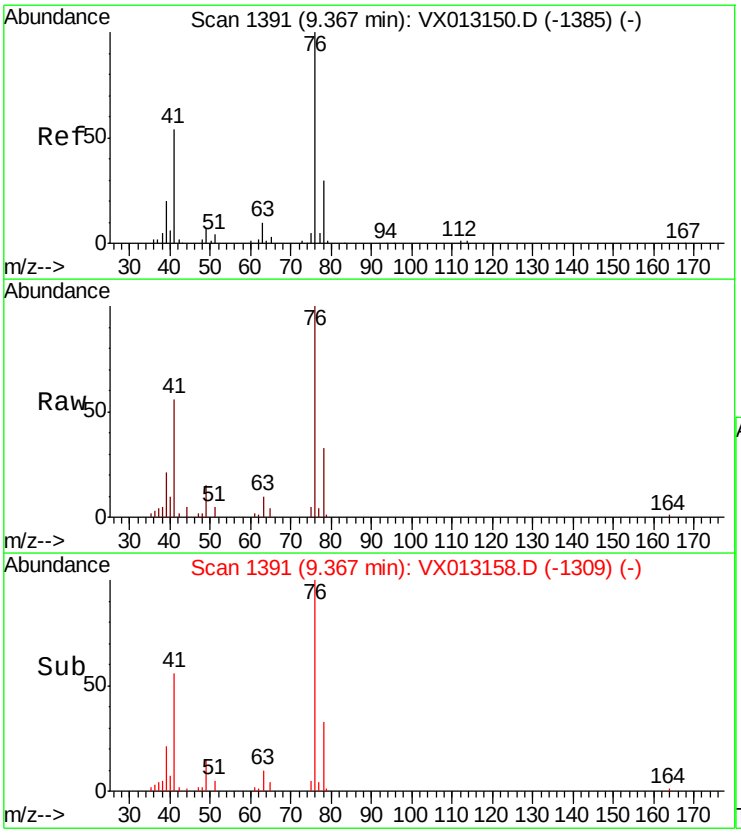
#51
Ethyl methacrylate
Concen: 2.105 ug/l
RT: 9.18 min Scan# 1360
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 69 Resp: 5962

Ion	Ratio	Lower	Upper
69	100		
41	51.2	31.6	95.0
39	35.4	17.7	53.1

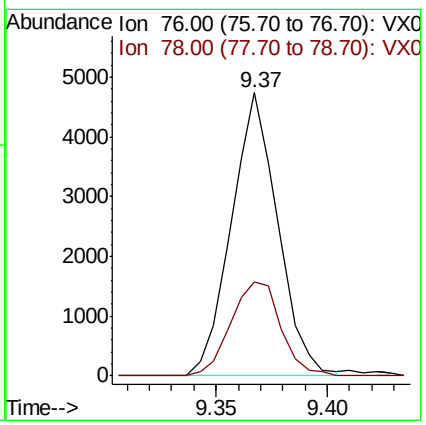


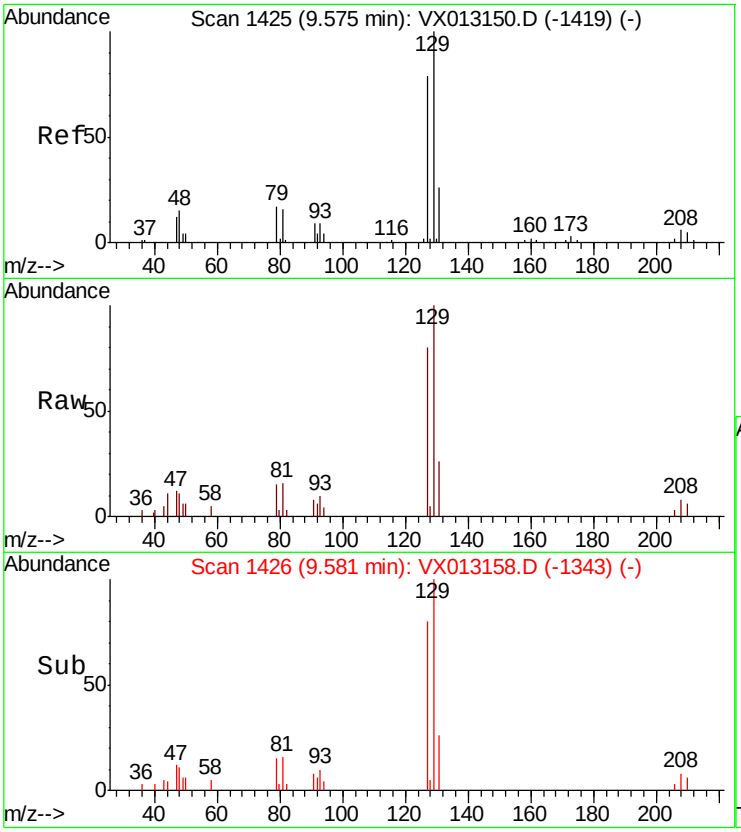


#52
1,3-Dichloropropane
Concen: 2.262 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 76 Resp: 6880

Ion	Ratio	Lower	Upper
76	100		
78	35.5	0.0	64.6



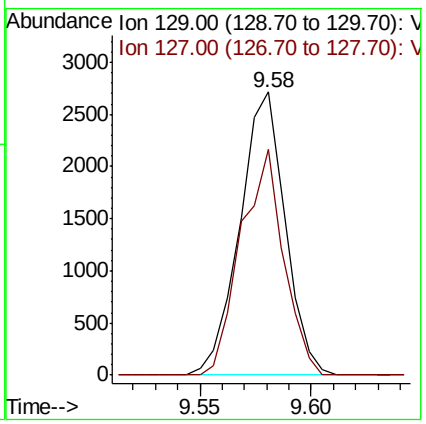


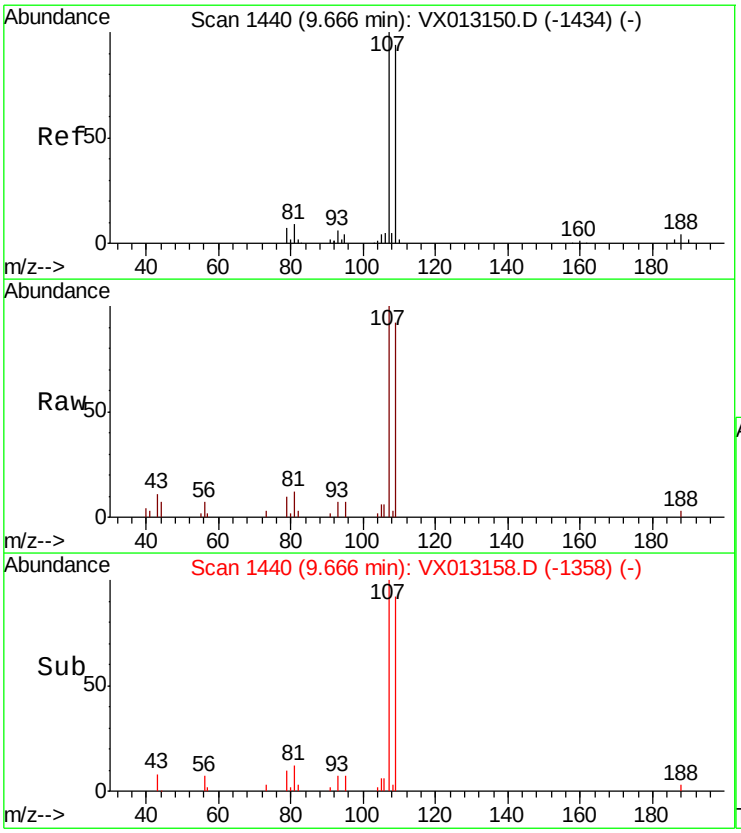
#53
Dibromochloromethane
Concen: 1.978 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:129 Resp: 3853

Ion	Ratio	Lower	Upper
129	100		
127	75.2	39.4	118.2

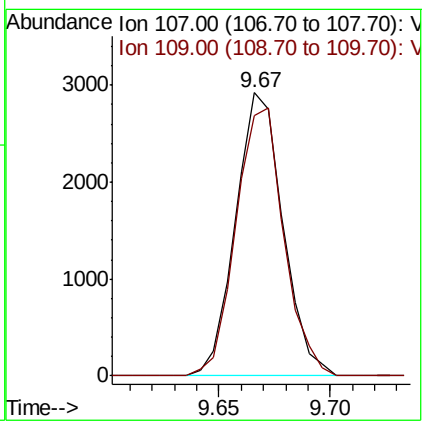


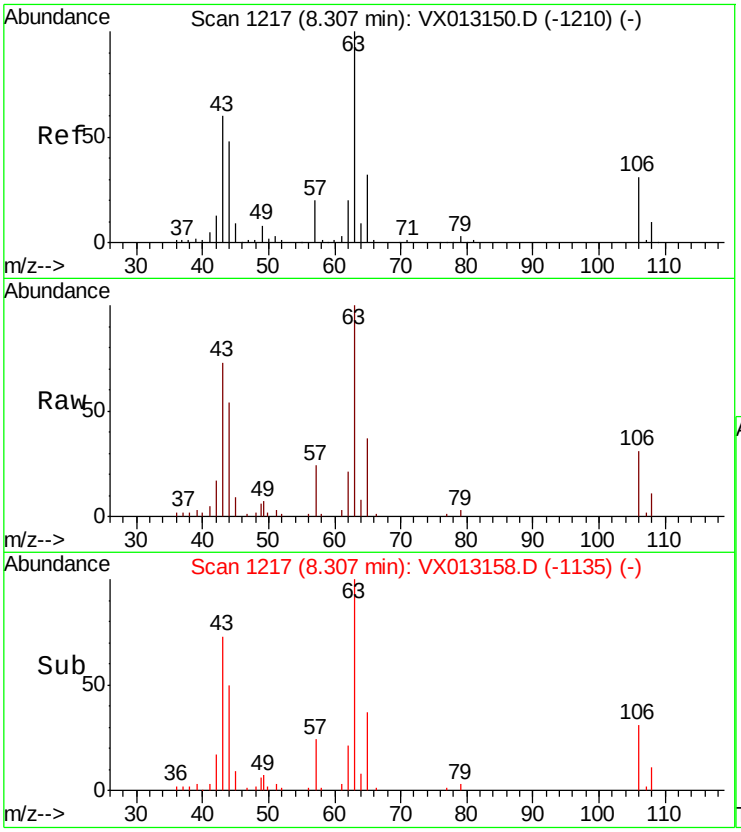


#54
1,2-Dibromoethane
Concen: 2.245 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion:107 Resp: 4336

Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.4	113.0



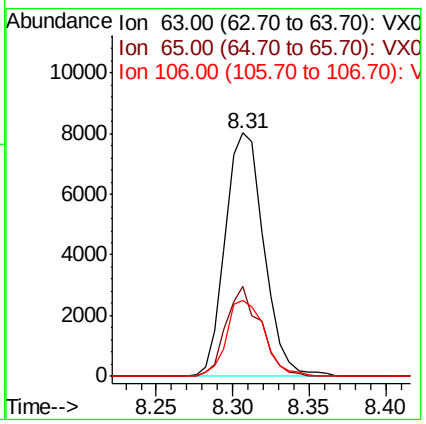


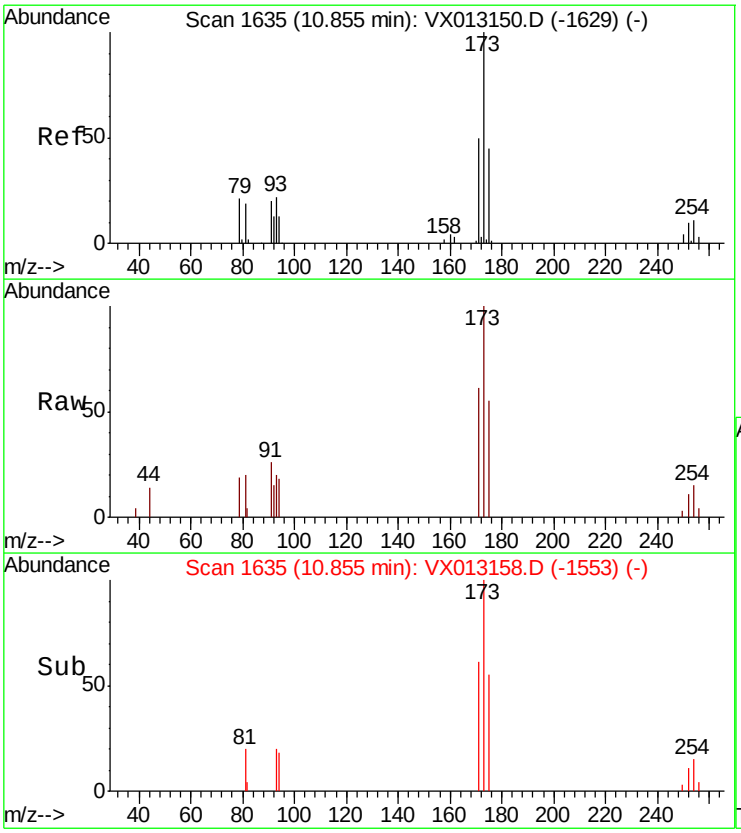
#55
2-Chloroethyl vinyl ether
Concen: 12.236 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 63 Resp: 14075

Ion	Ratio	Lower	Upper
63	100		
65	33.1	25.5	38.3
106	30.8	24.8	37.2

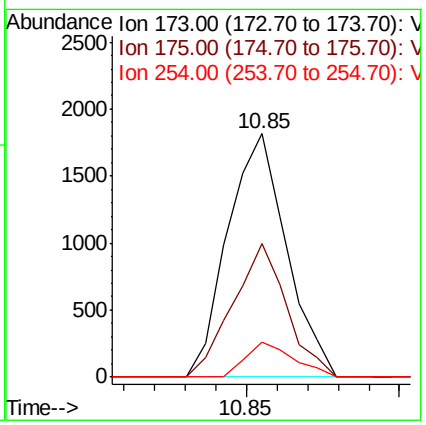


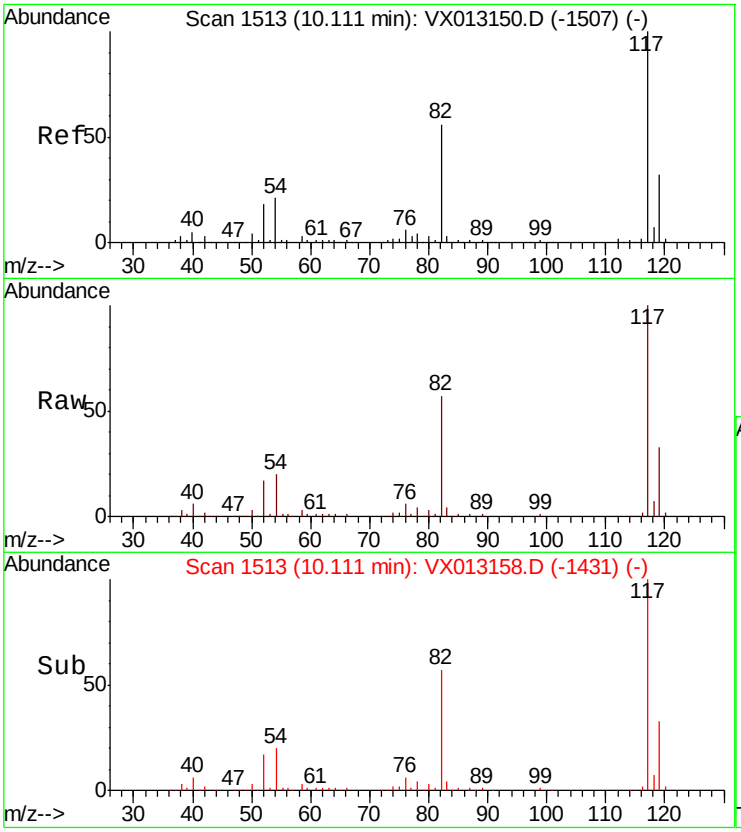


#56
Bromoform
Concen: 1.745 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion:173 Resp: 2412

Ion	Ratio	Lower	Upper
173	100		
175	50.4	39.0	58.4
254	11.6	8.1	12.1



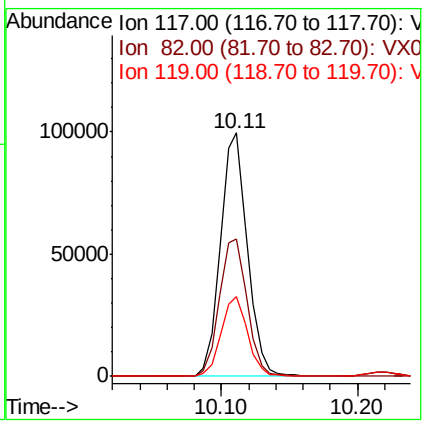


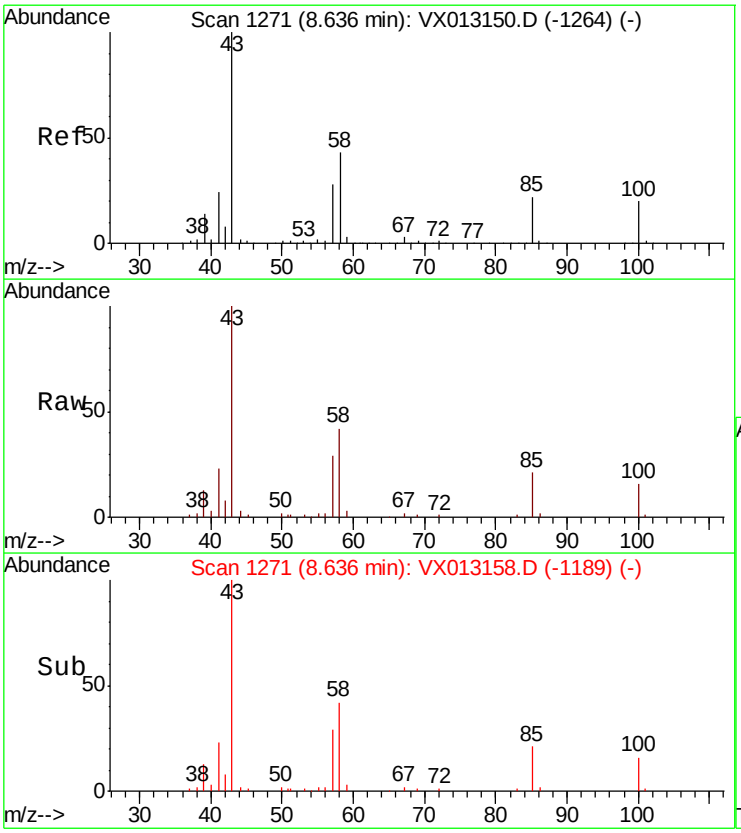
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:117 Resp: 136180

Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.0	69.0
119	32.2	25.4	38.0

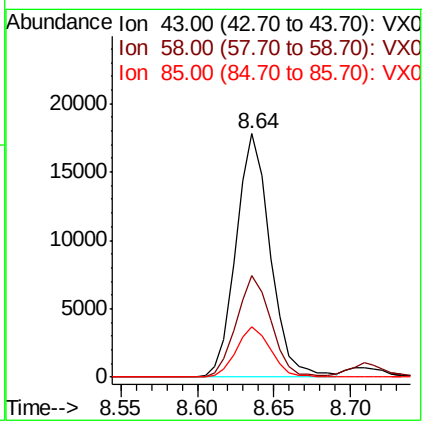


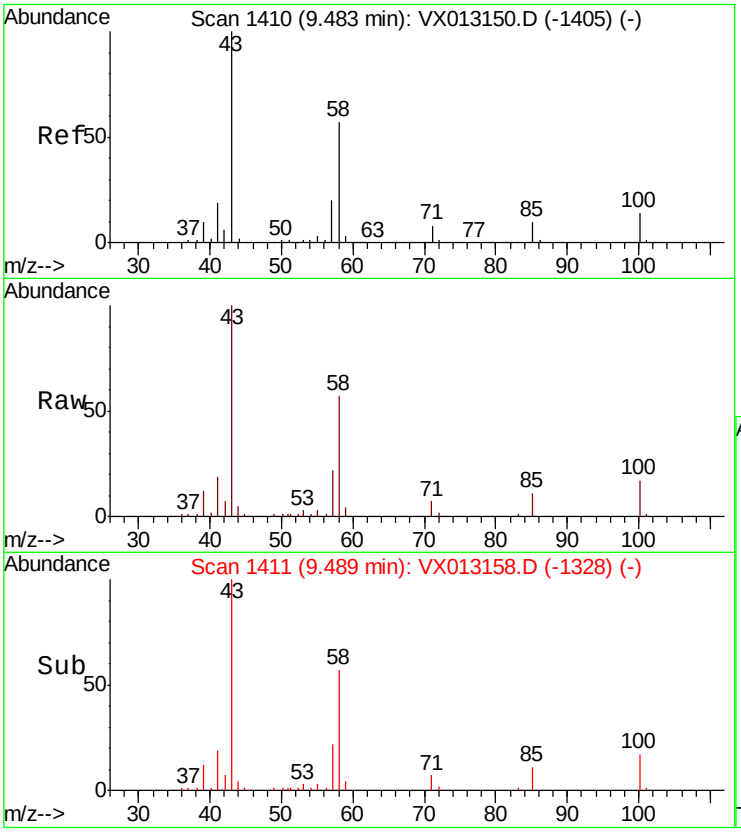


#58
4-Methyl-2-Pentanone
Concen: 12.056 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 43 Resp: 27664

Ion	Ratio	Lower	Upper
43	100		
58	42.1	33.8	50.8
85	20.5	16.8	25.2



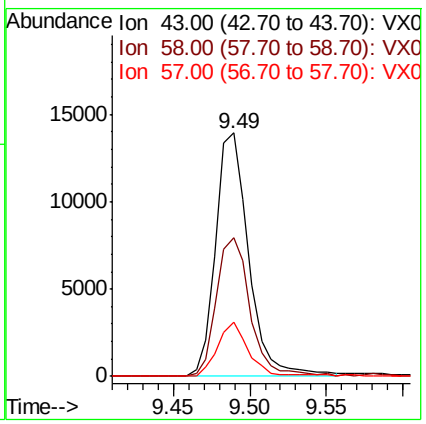


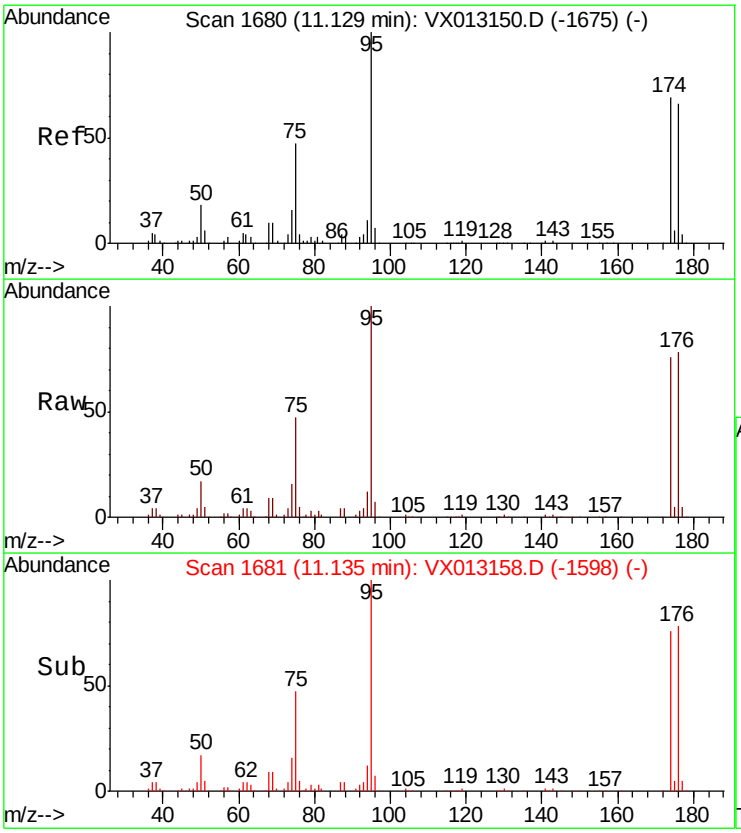
#59
2-Hexanone
Concen: 11.695 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 43 Resp: 21032

Ion	Ratio	Lower	Upper
43	100		
58	57.9	46.6	69.8
57	20.2	16.9	25.3

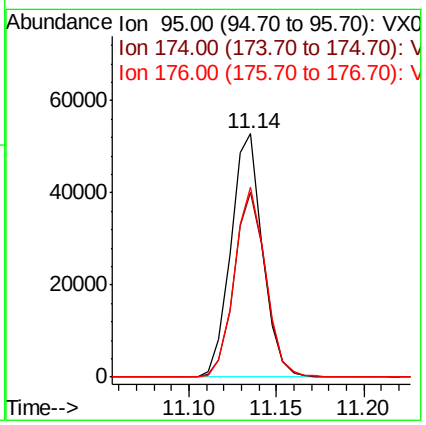


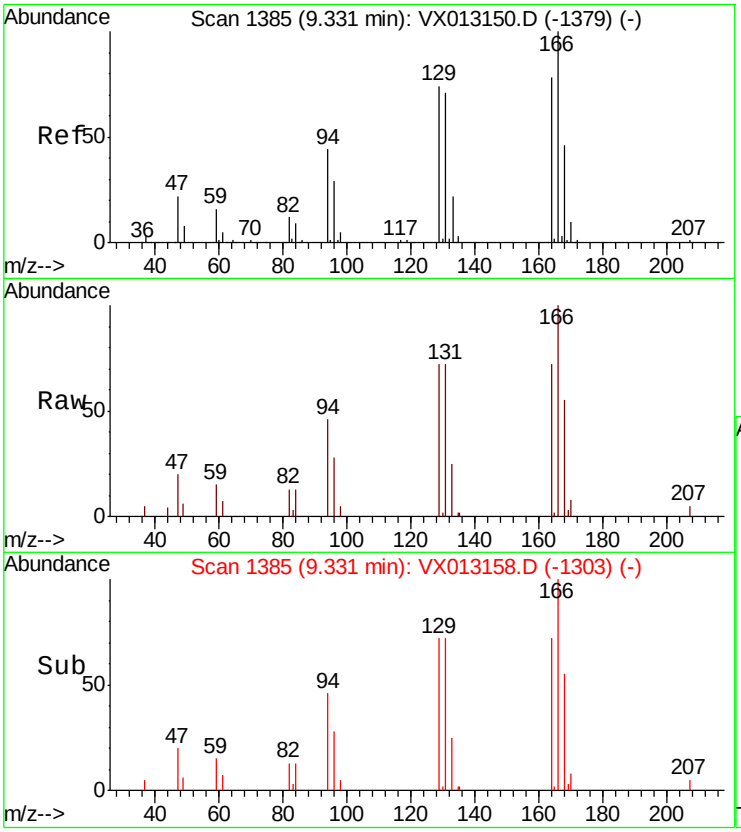


#60
4-Bromofluorobenzene
Concen: 28.092 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 95 Resp: 66615

Ion	Ratio	Lower	Upper
95	100		
174	75.3	60.0	90.0
176	76.9	58.5	87.7



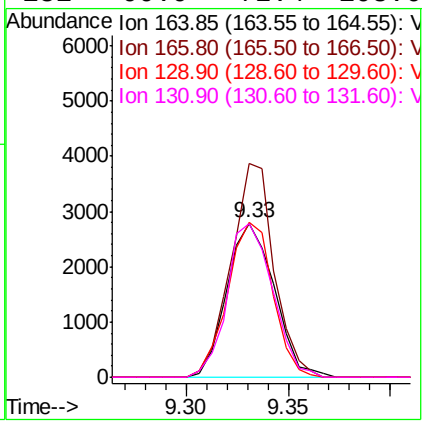


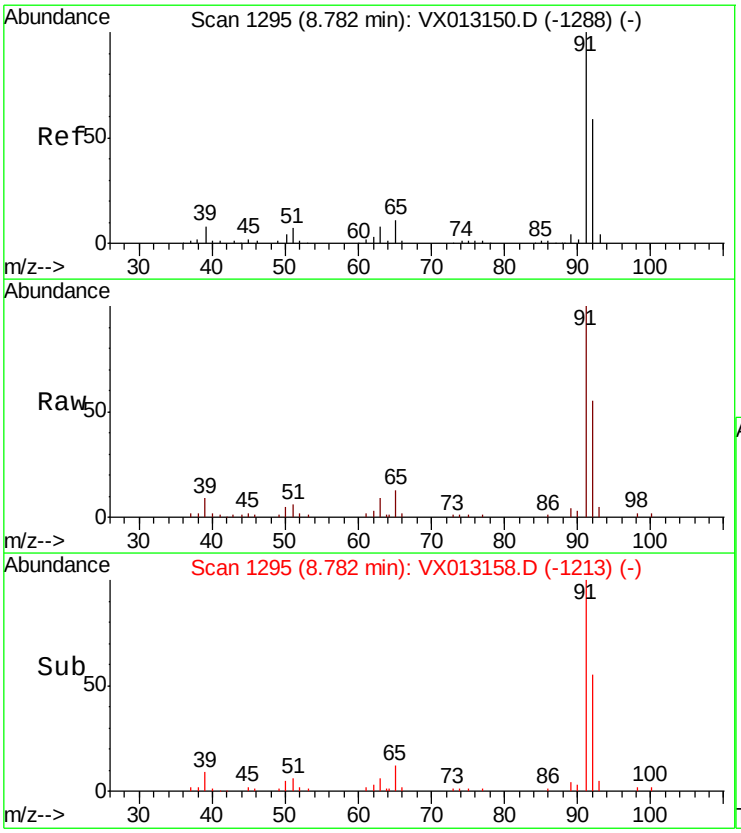
#61
Tetrachloroethene
Concen: 2.486 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:164 Resp: 4489

Ion	Ratio	Lower	Upper
164	100		
166	139.1	102.6	153.8
129	100.7	75.7	113.5
131	99.9	72.4	108.6

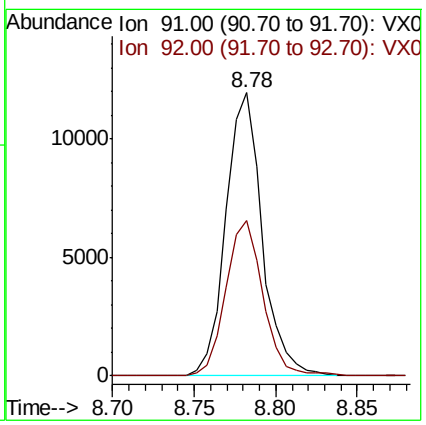


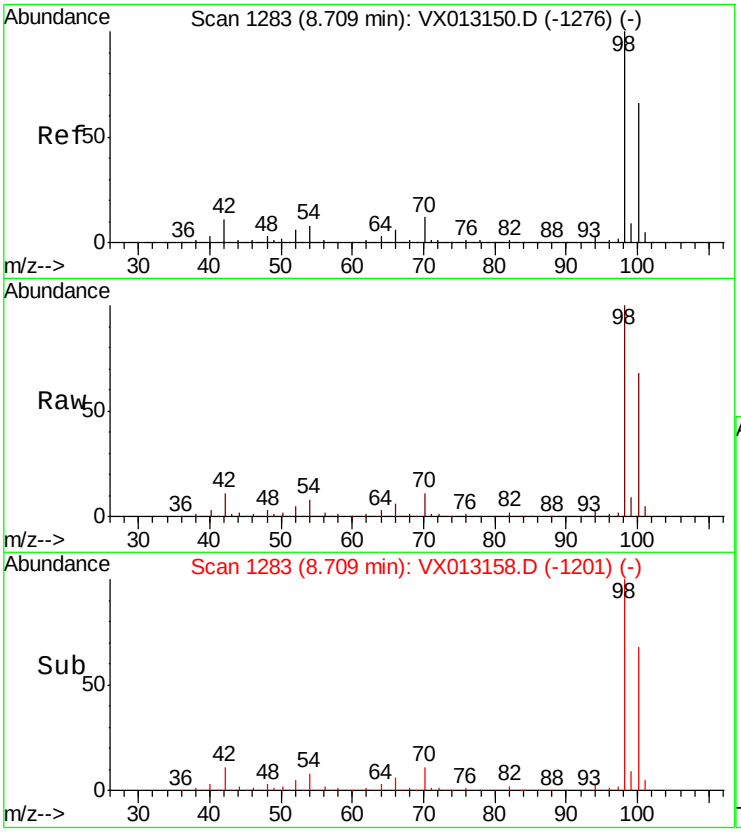


#62
Toluene
Concen: 2.510 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 91 Resp: 18454

Ion	Ratio	Lower	Upper
91	100		
92	55.5	47.7	71.5



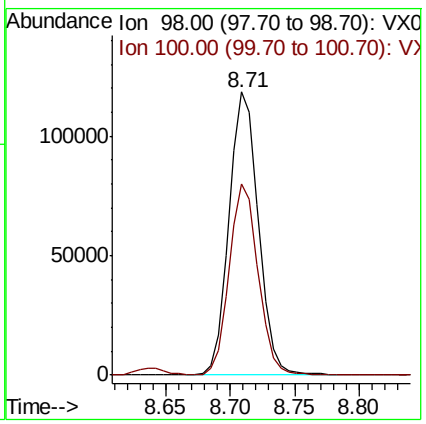


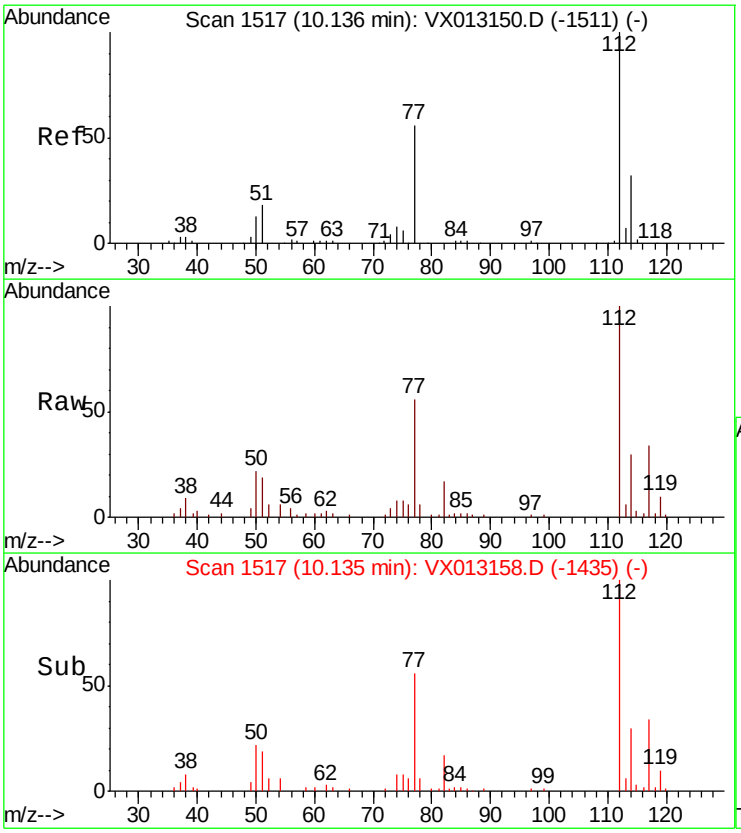
#63
Toluene-d8
Concen: 31.202 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 98 Resp: 188983

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.1	79.7

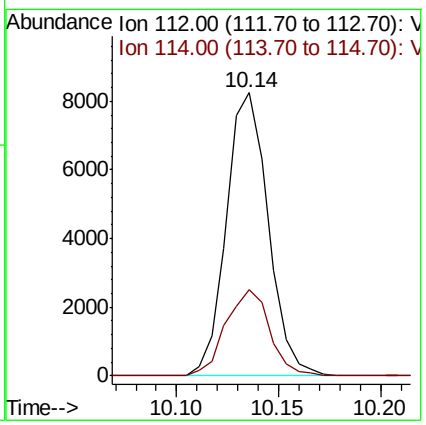


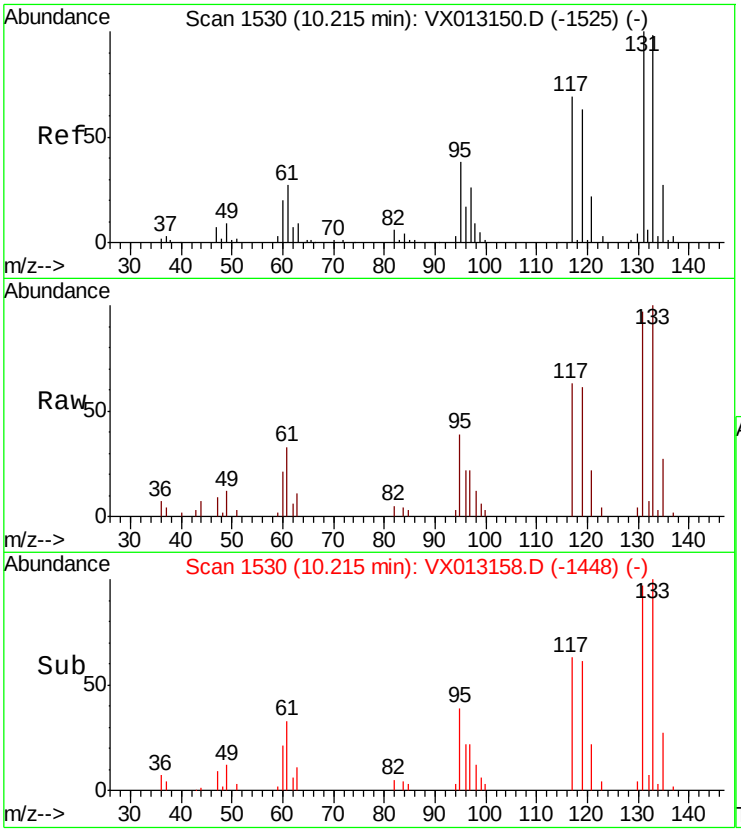


#64
Chlorobenzene
Concen: 2.490 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion:112 Resp: 11737

Ion	Ratio	Lower	Upper
112	100		
114	30.5	25.5	38.3



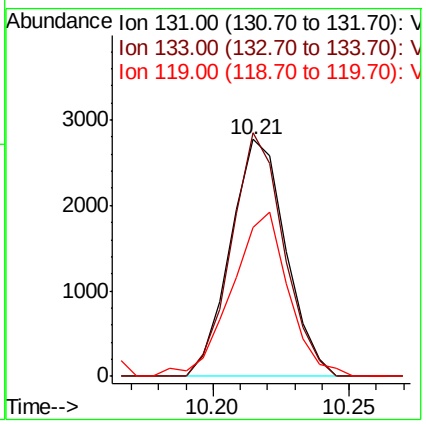


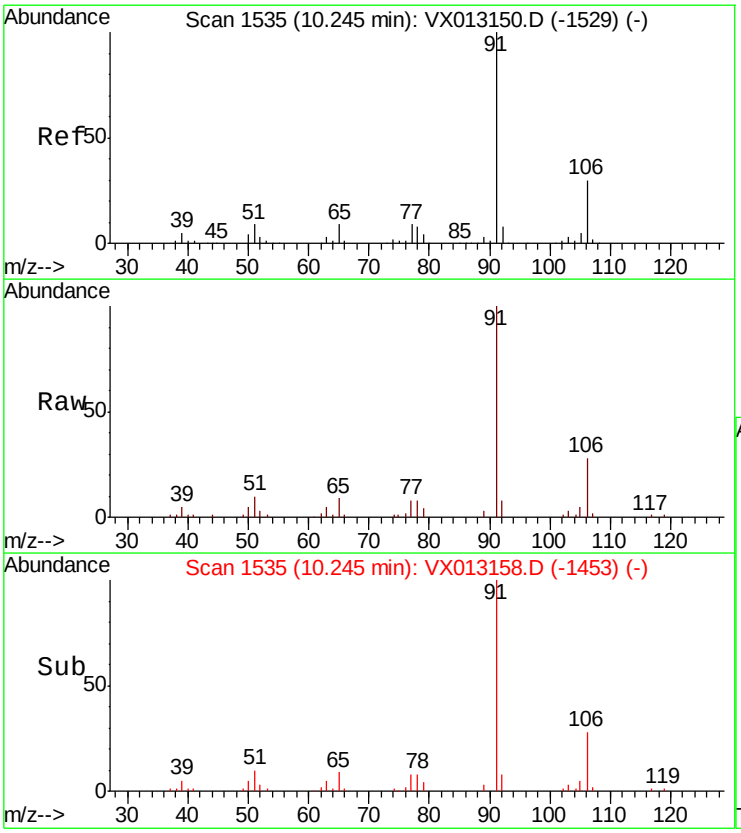
#65
1,1,1,2-Tetrachloroethane
Concen: 2.216 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:131 Resp: 3913

Ion	Ratio	Lower	Upper
131	100		
133	97.2	0.0	191.0
119	71.4	0.0	125.6

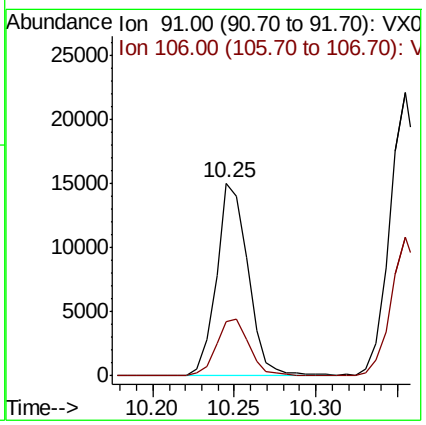


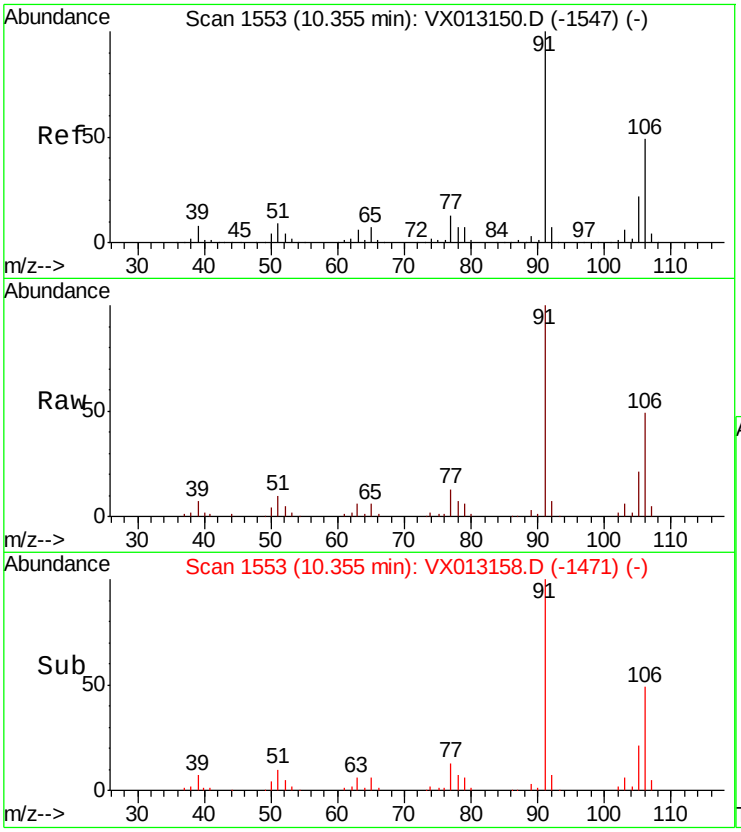


#66
Ethyl Benzene
Concen: 2.402 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 91 Resp: 20321

Ion	Ratio	Lower	Upper
91	100		
106	28.4	23.8	35.6



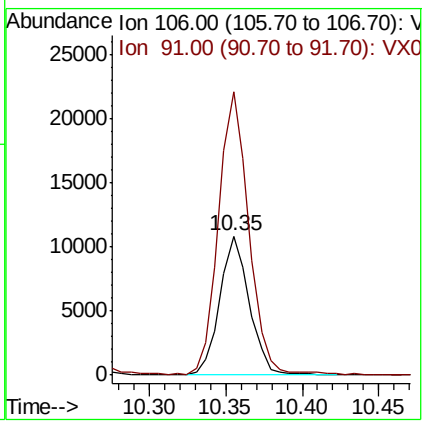


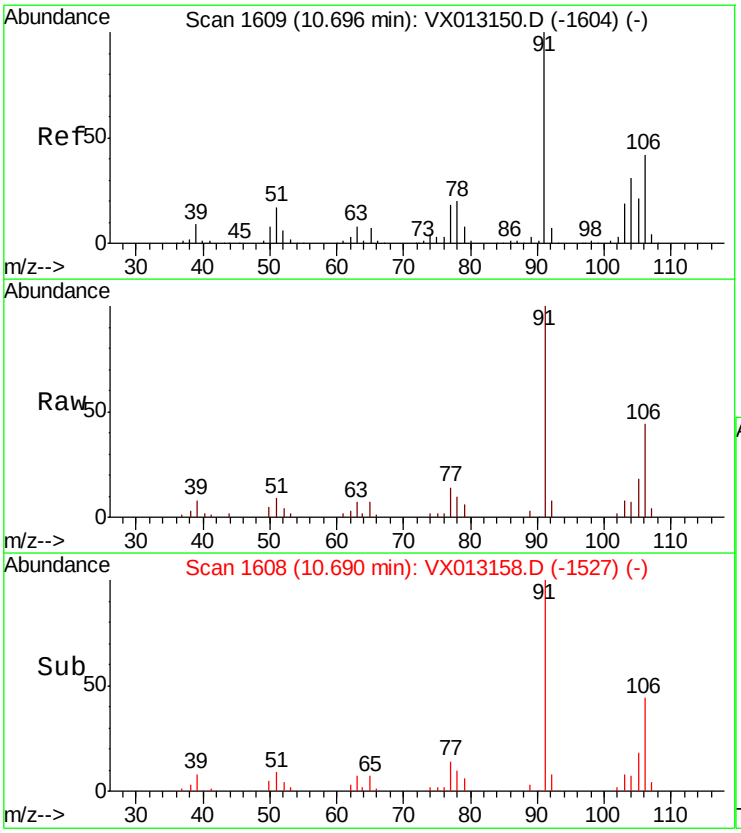
#67
m/p-Xylenes
Concen: 4.551 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:106 Resp: 14633

Ion	Ratio	Lower	Upper
106	100		
91	207.0	163.7	245.5

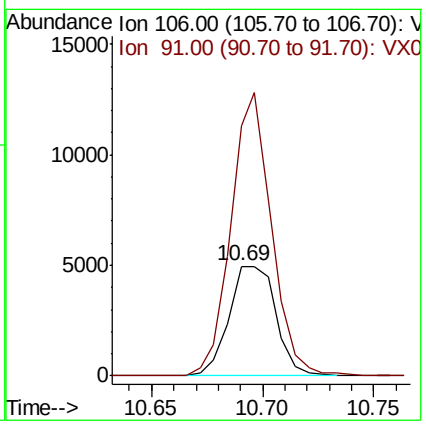


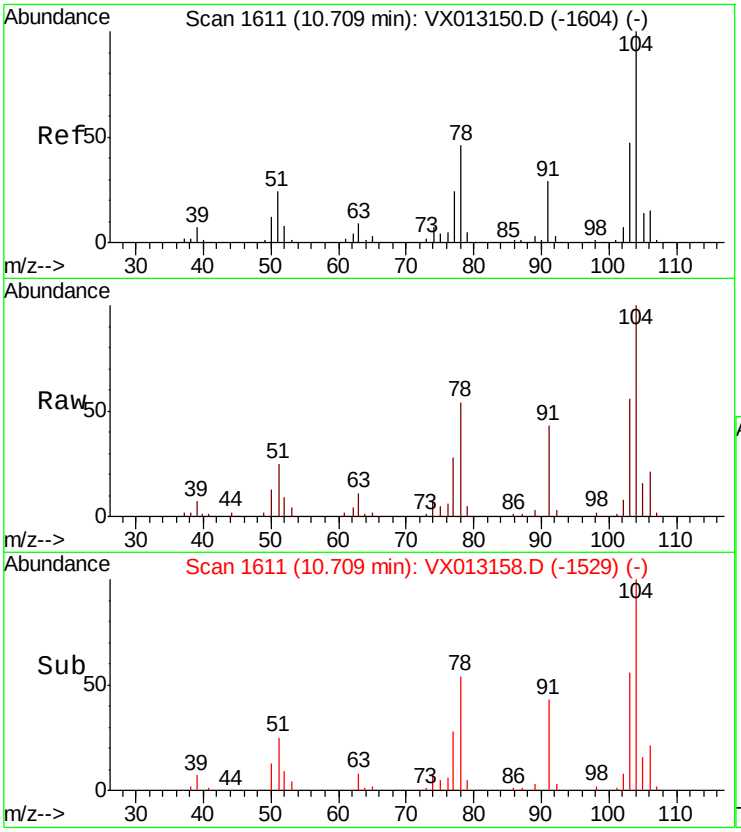


#68
o-Xylene
Concen: 2.371 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion:106 Resp: 7277

Ion	Ratio	Lower	Upper
106	100		
91	222.7	113.6	340.8



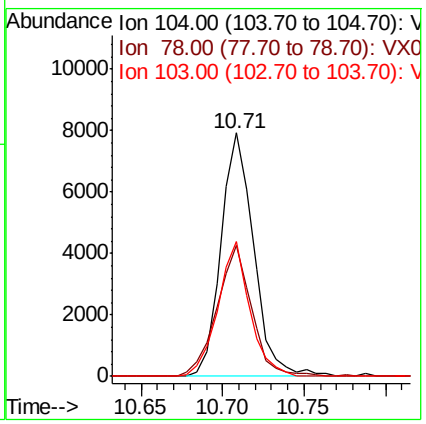


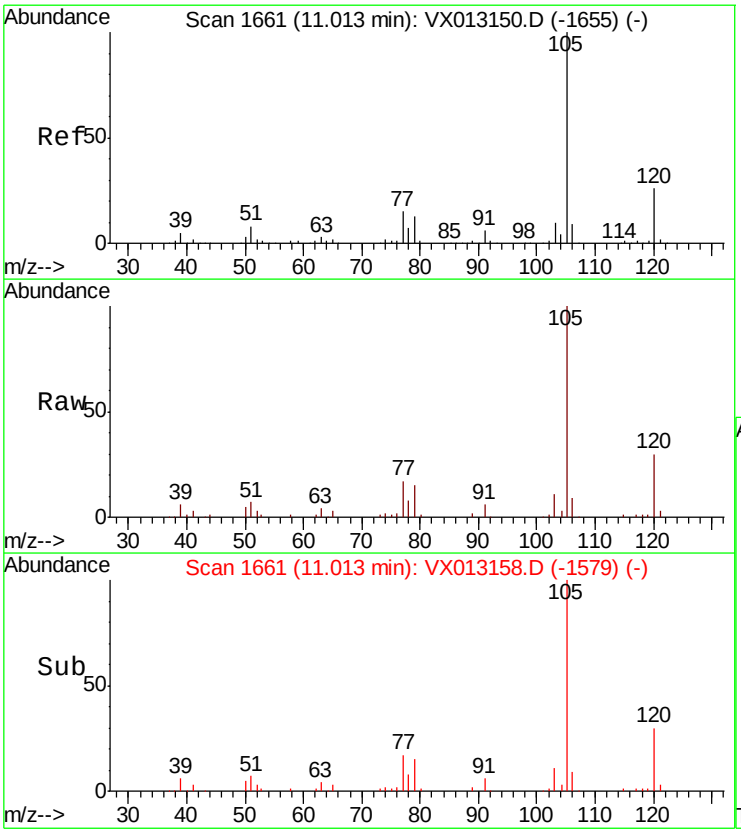
#69
Stvrene
Concen: 2.091 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:104 Resp: 11048

Ion	Ratio	Lower	Upper
104	100		
78	56.5	42.3	63.5
103	53.9	42.2	63.2

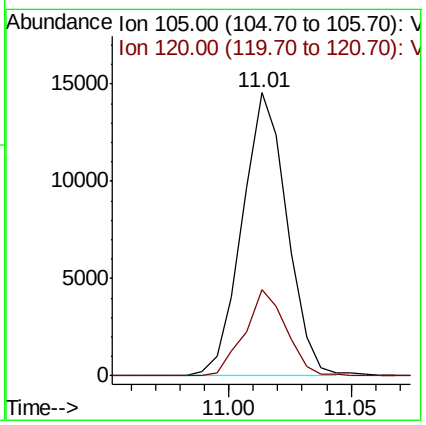


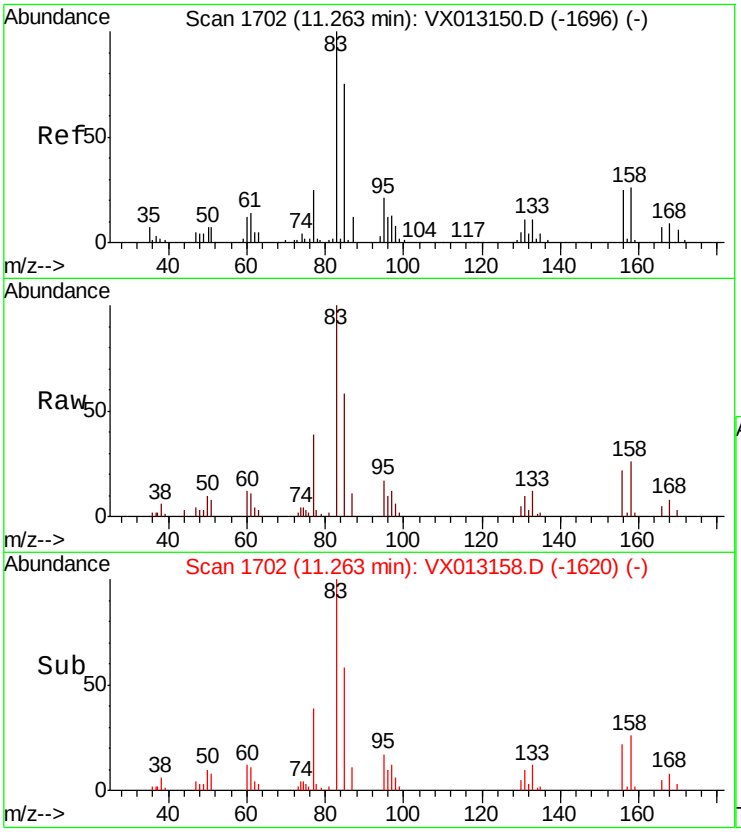


#70
Isopropylbenzene
Concen: 2.200 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion:105 Resp: 18530

Ion	Ratio	Lower	Upper
105	100		
120	28.0	18.1	33.7



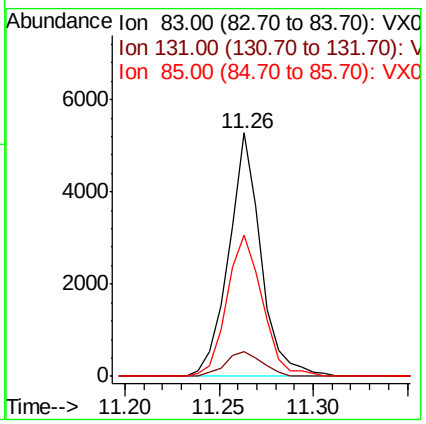


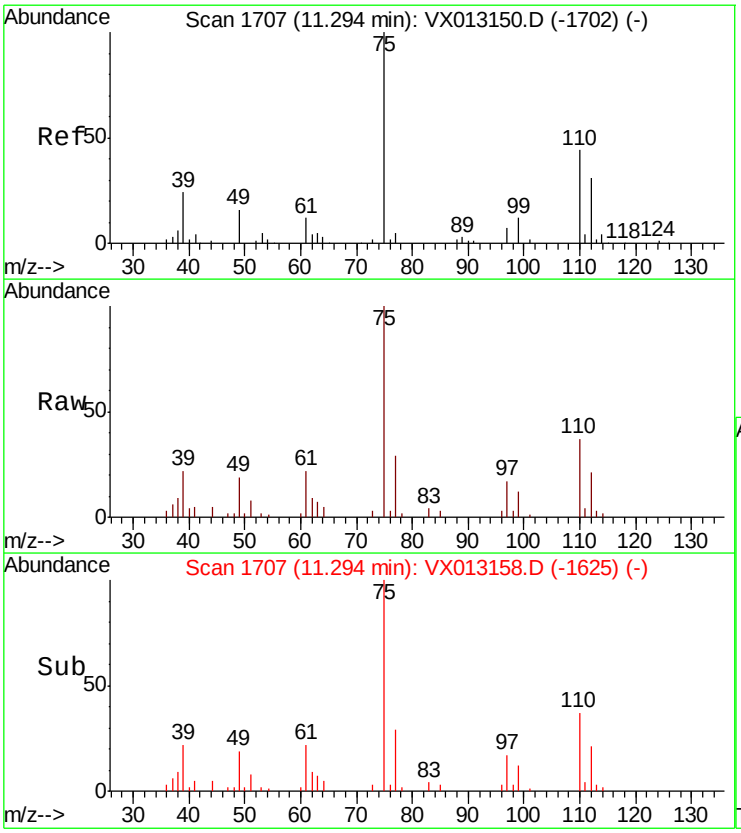
#71
1,1,2,2-Tetrachloroethane
Concen: 2.421 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 83 Resp: 6249

Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.5	16.4
85	64.0	32.9	98.6

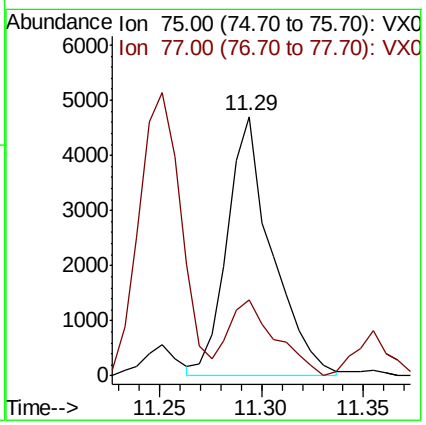


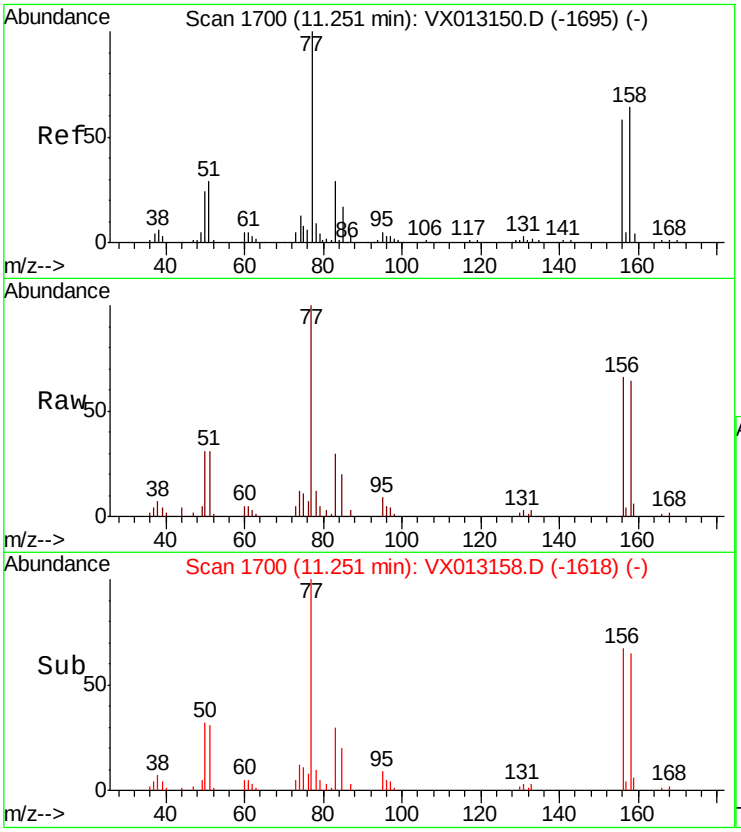


#72
1,2,3-Trichloropropane
Concen: 3.182 ug/l
RT: 11.29 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 75 Resp: 7133

Ion	Ratio	Lower	Upper
75	100		
77	30.7	0.0	74.0



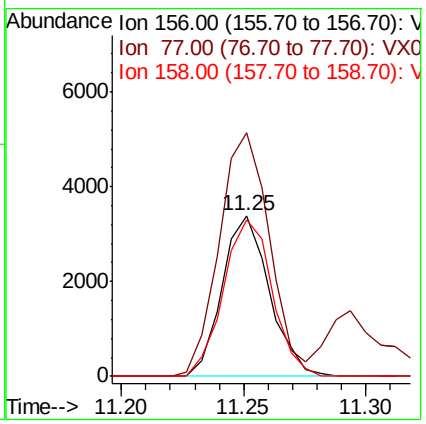


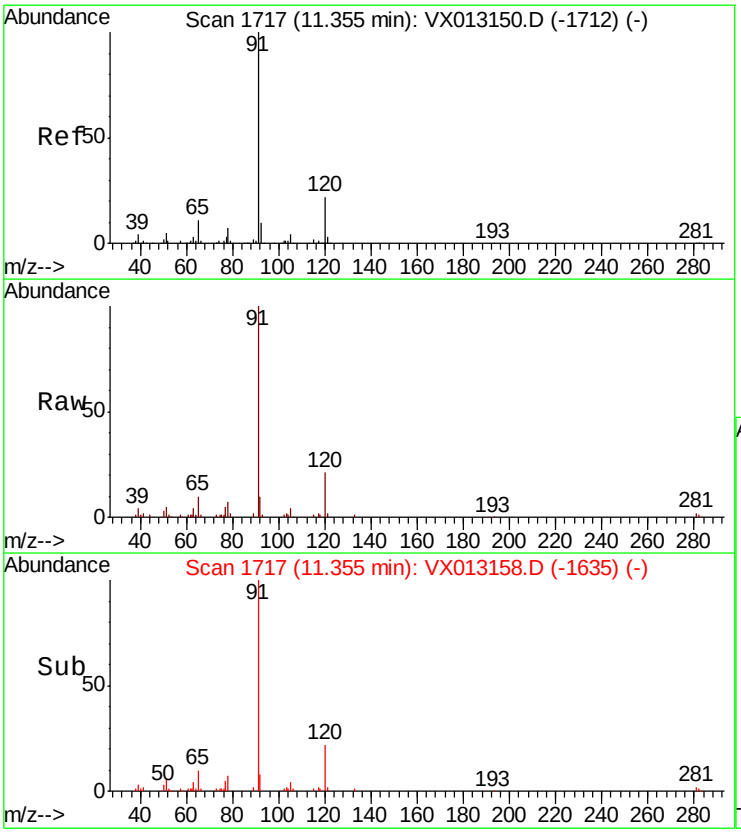
#73
Bromobenzene
Concen: 2.258 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:156 Resp: 4565

Ion	Ratio	Lower	Upper
156	100		
77	161.2	0.0	328.0
158	100.5	0.0	196.2

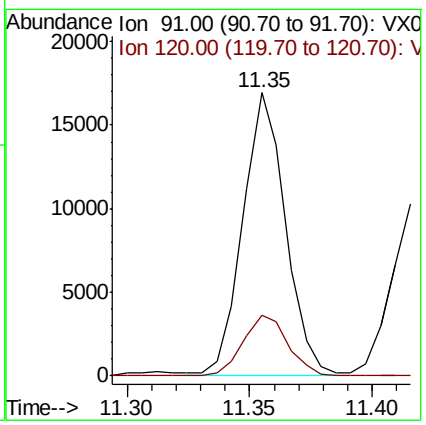


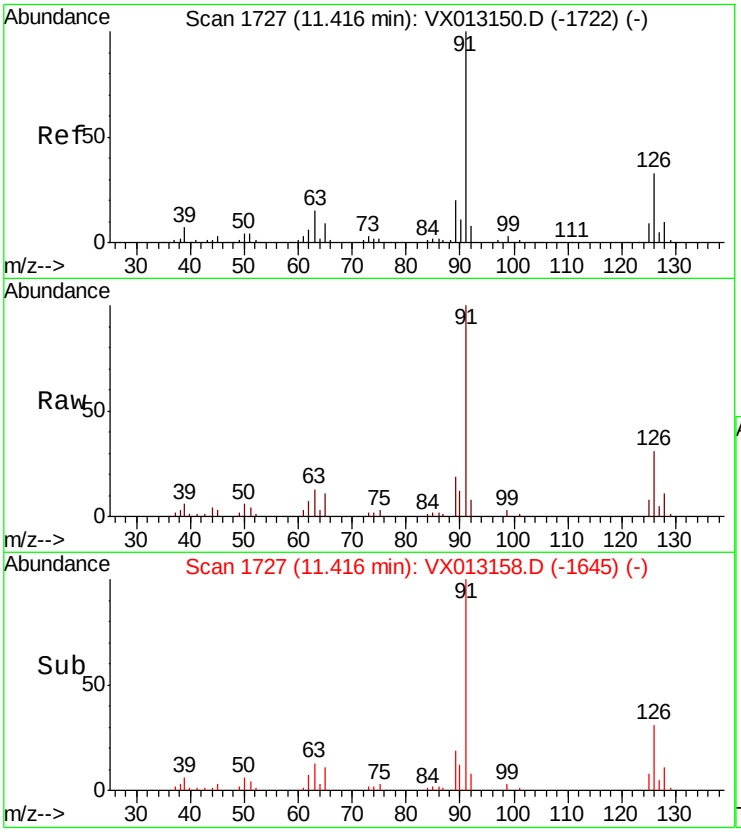


#74
n-propylbenzene
Concen: 2.223 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 91 Resp: 20557

Ion	Ratio	Lower	Upper
91	100		
120	22.1	0.0	45.2



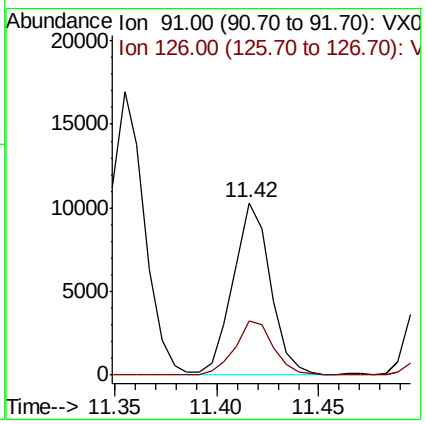


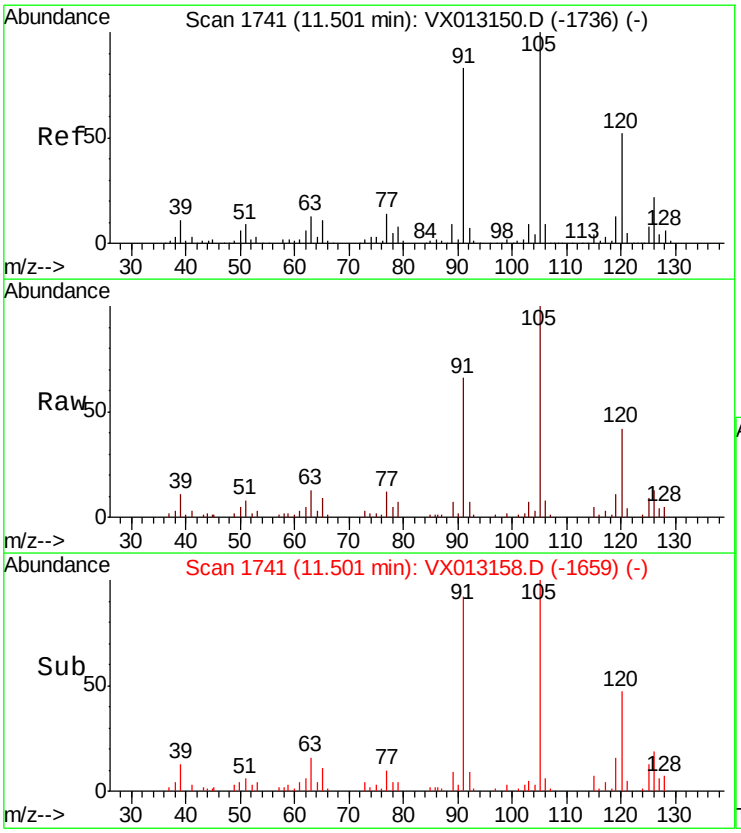
#75
2-Chlorotoluene
Concen: 2.271 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 91 Resp: 13139

Ion	Ratio	Lower	Upper
91	100		
126	32.0	0.0	63.8

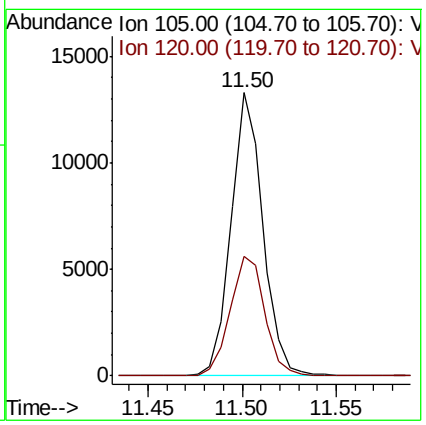


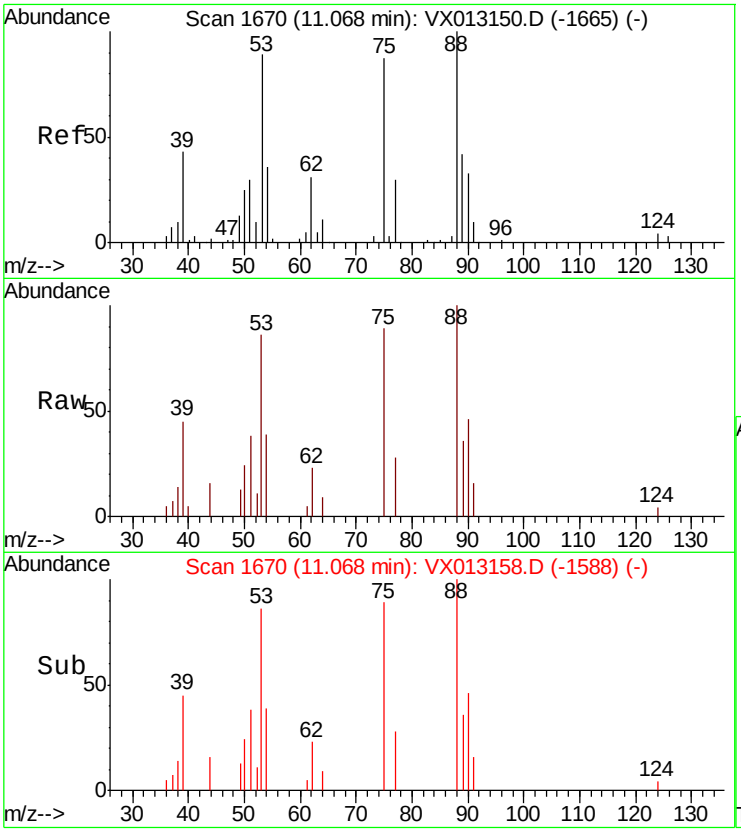


#76
1,3,5-Trimethylbenzene
Concen: 2.199 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion:105 Resp: 15549

Ion	Ratio	Lower	Upper
105	100		
120	45.9	0.0	98.0



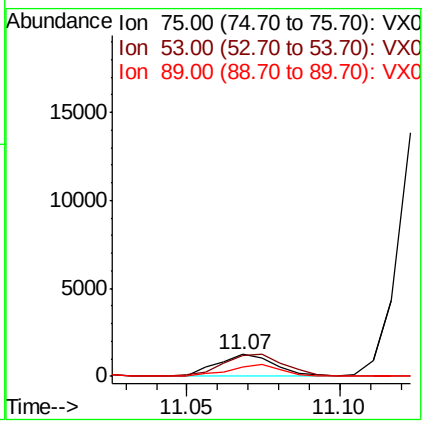


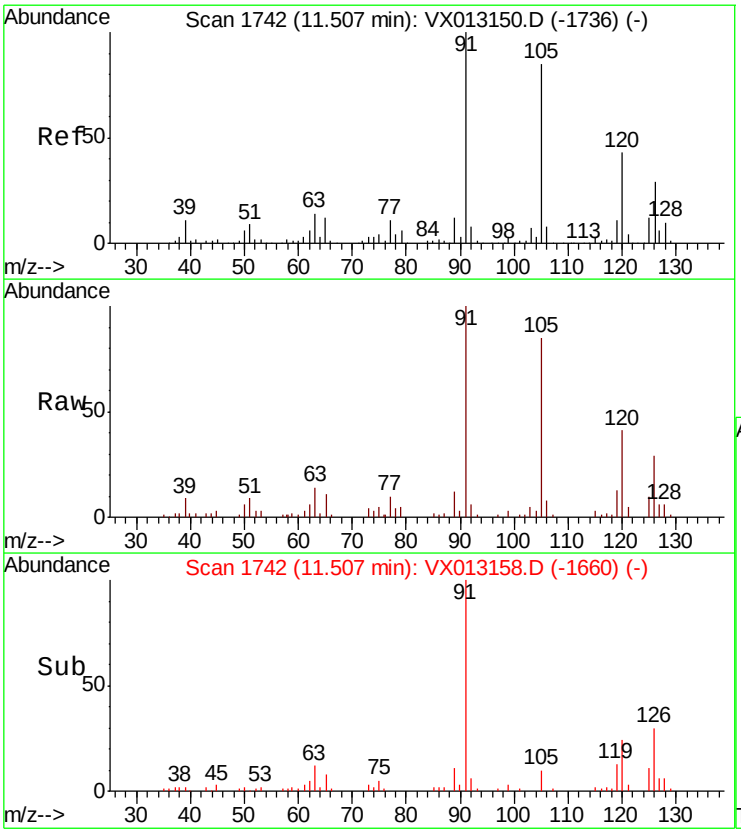
#77
t-1,4-Dichloro-2-butene
Concen: 1.857 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 75 Resp: 1616

Ion	Ratio	Lower	Upper
75	100		
53	97.0	51.1	153.4
89	41.0	24.1	72.4

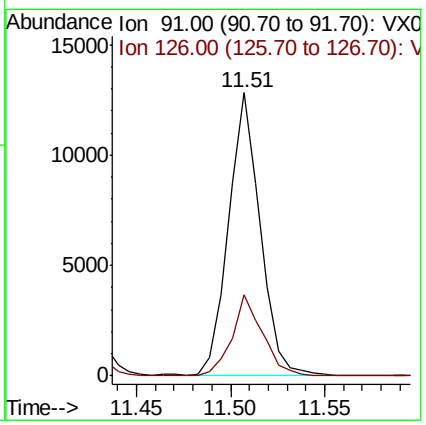


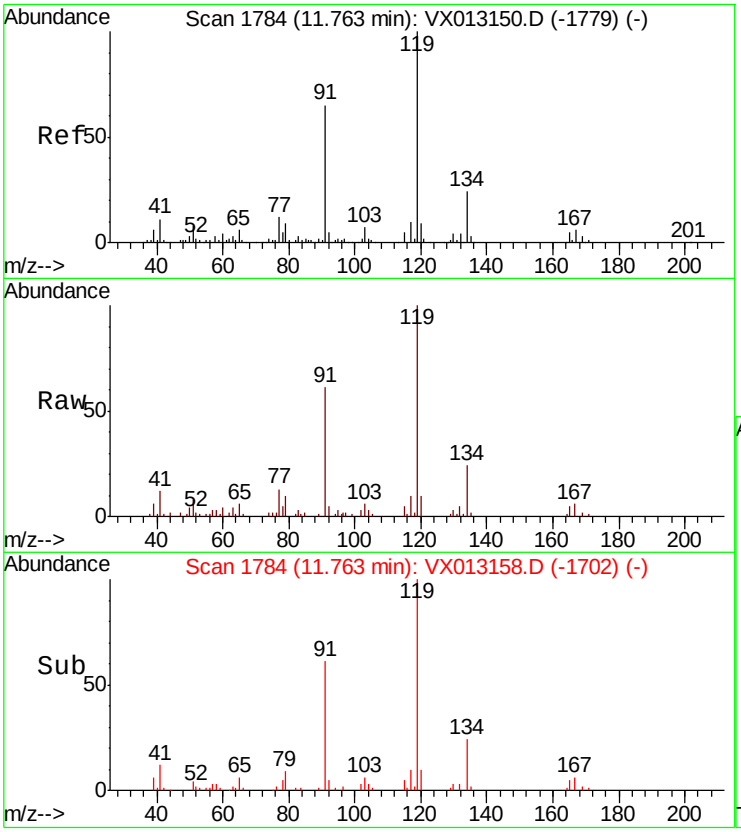


#78
4-Chlorotoluene
Concen: 2.266 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 91 Resp: 14976

Ion	Ratio	Lower	Upper
91	100		
126	27.4	0.0	58.4



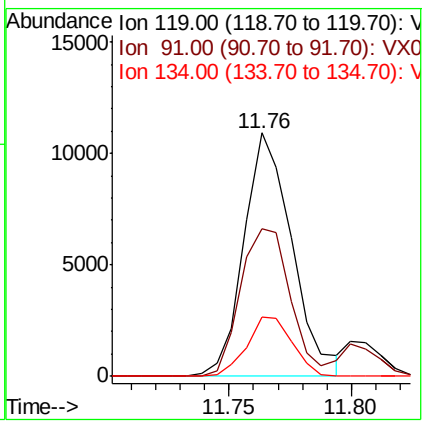


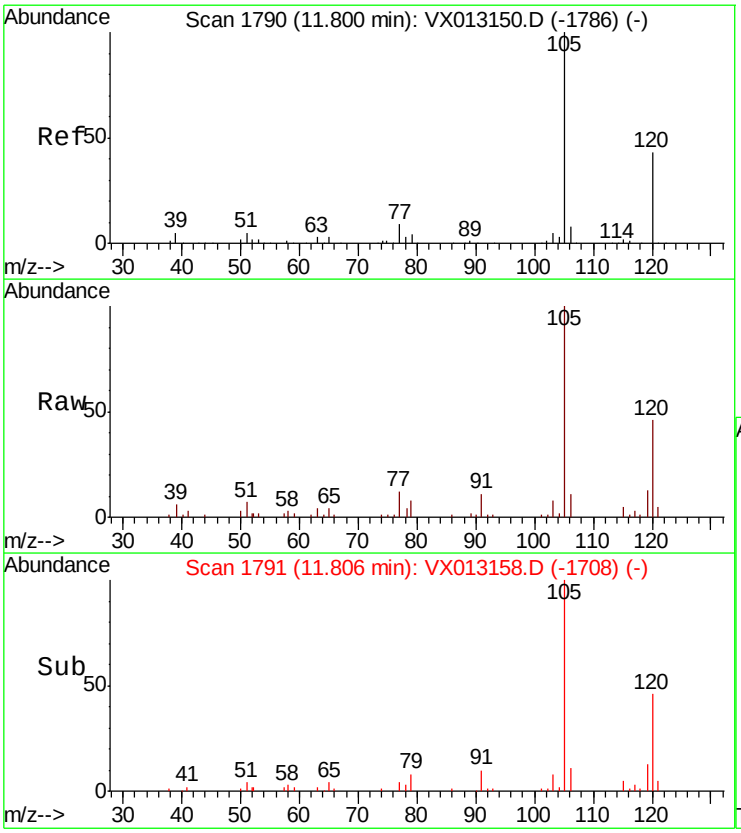
#79
tert-butylbenzene
Concen: 2.187 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:119 Resp: 14893

Ion	Ratio	Lower	Upper
119	100		
91	62.9	0.0	128.4
134	23.1	0.0	49.0

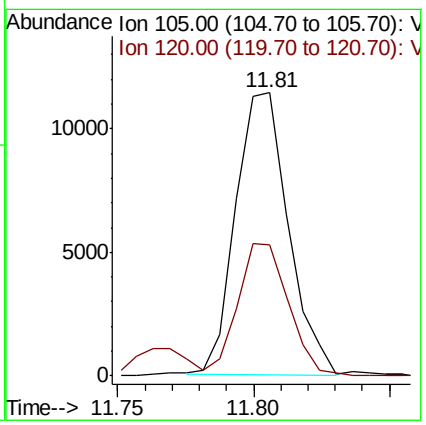


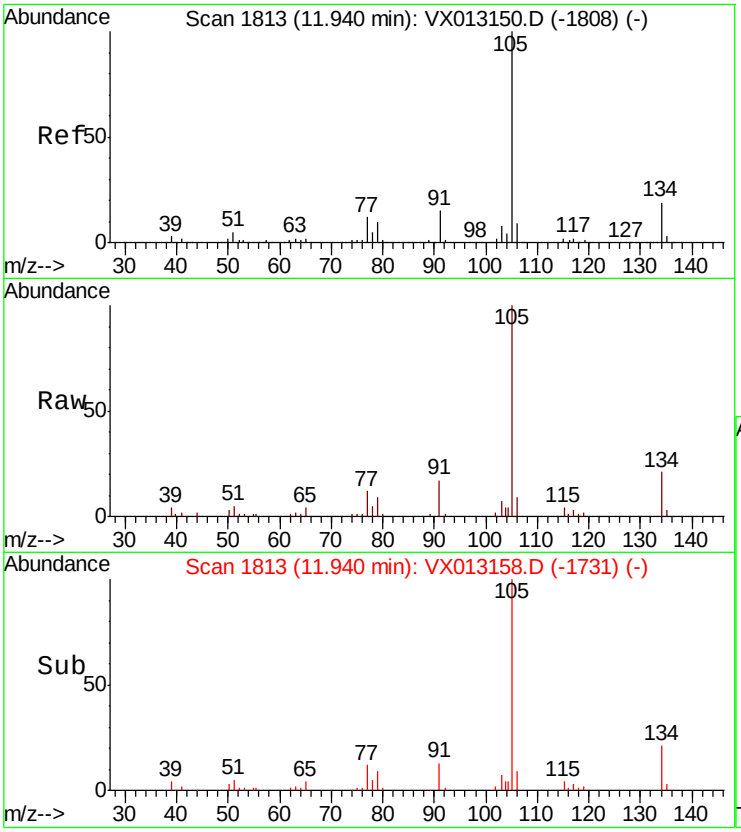


#80
1,2,4-Trimethylbenzene
Concen: 2.162 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion:105 Resp: 15272

Ion	Ratio	Lower	Upper
105	100		
120	45.1	0.0	87.4



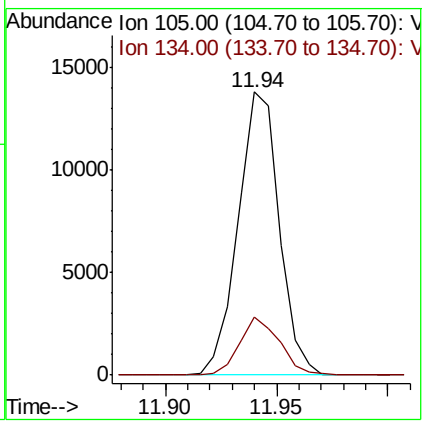


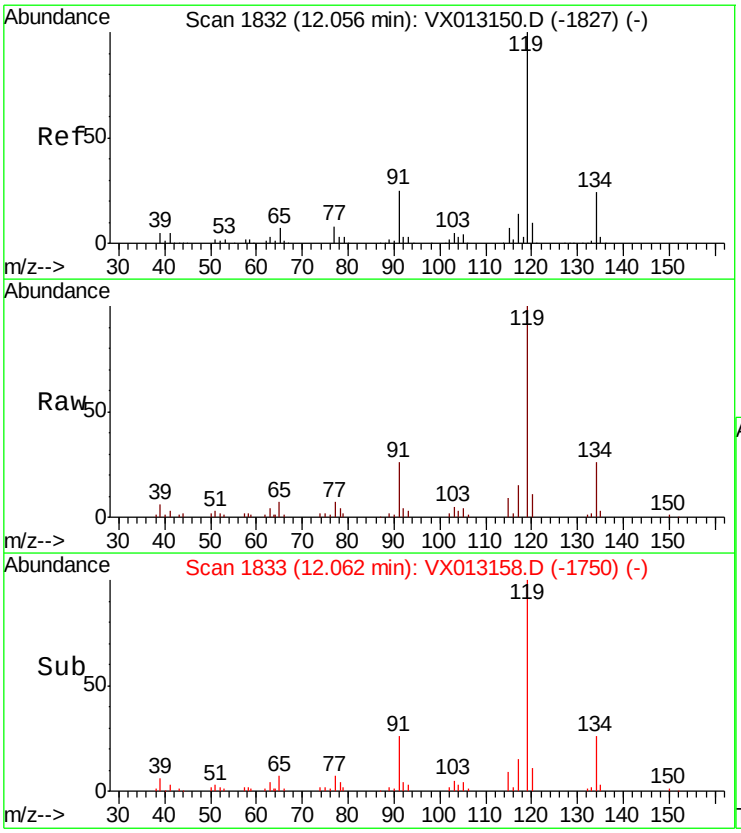
#81
sec-Butylbenzene
Concen: 2.199 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:105 Resp: 17840

Ion	Ratio	Lower	Upper
105	100		
134	20.0	0.0	39.2

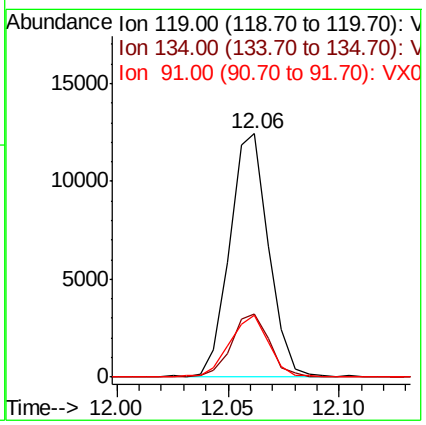


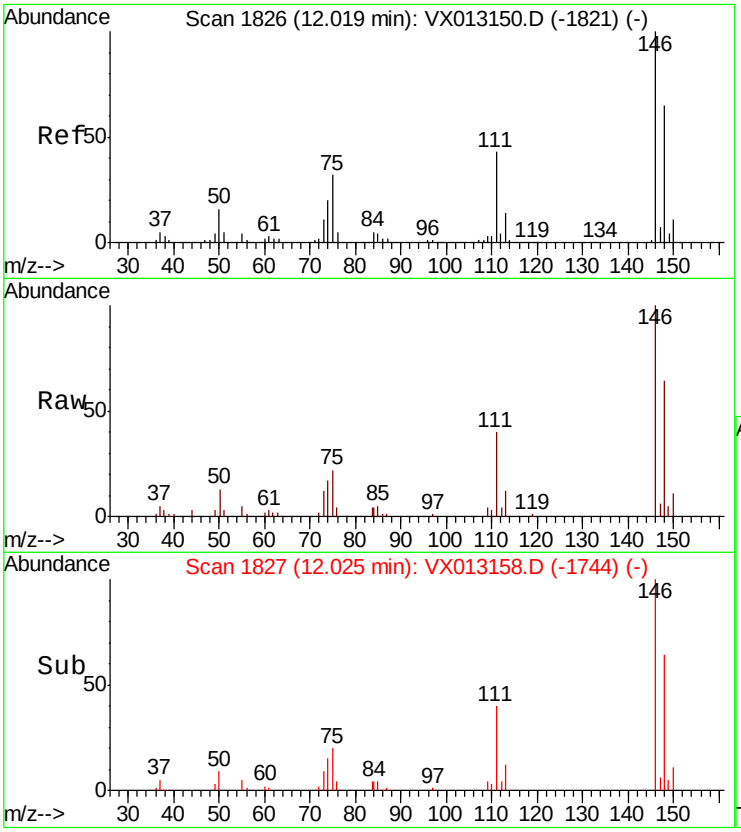


#82
p-Isopropyltoluene
Concen: 2.042 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion:119 Resp: 15146

Ion	Ratio	Lower	Upper
119	100		
134	25.4	0.0	51.6
91	25.3	0.0	50.0



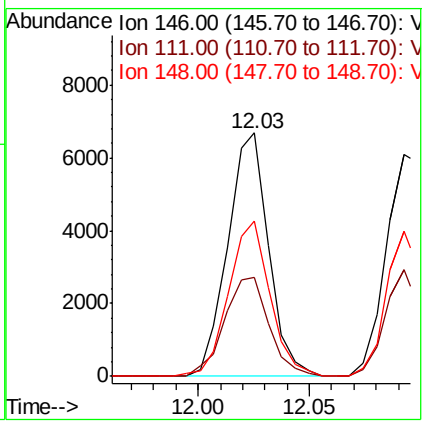


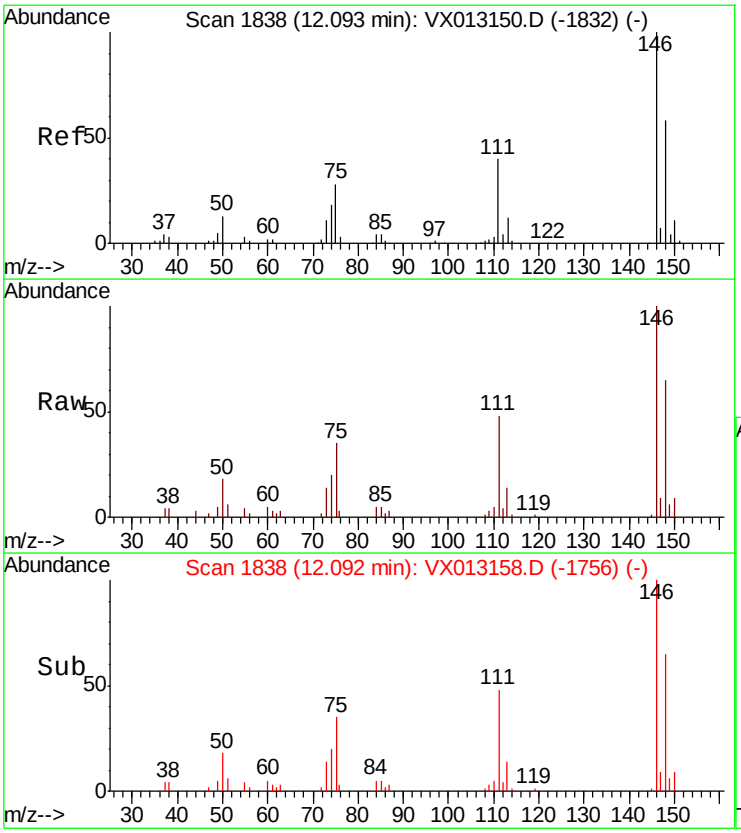
#83
1,3-Dichlorobenzene
Concen: 2.312 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:146 Resp: 8535

Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.8	65.4
148	64.4	31.2	93.6

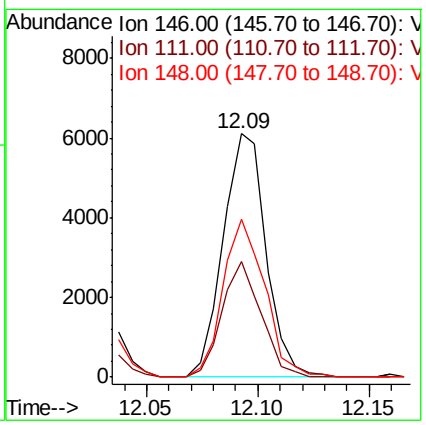


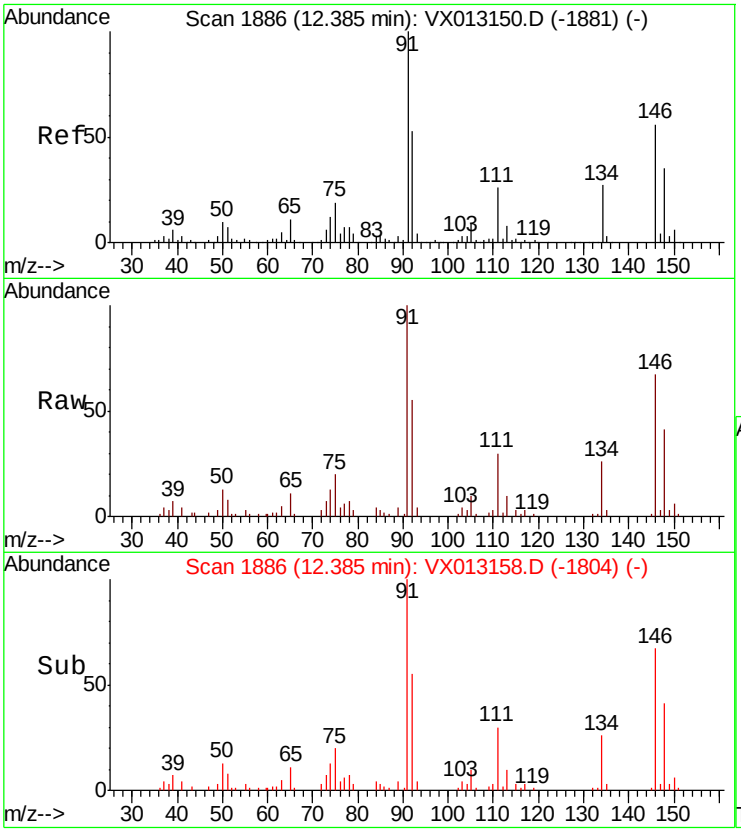


#84
1,4-Dichlorobenzene
Concen: 2.241 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion:146 Resp: 8183

Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.3	60.9
148	63.1	31.4	94.2



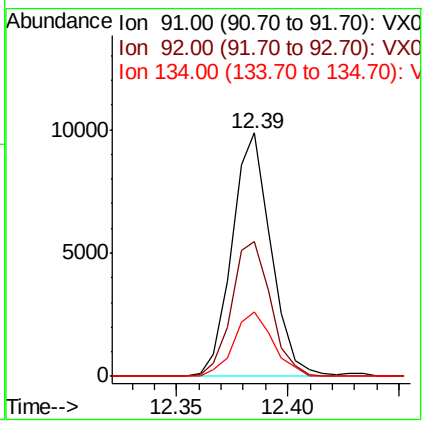


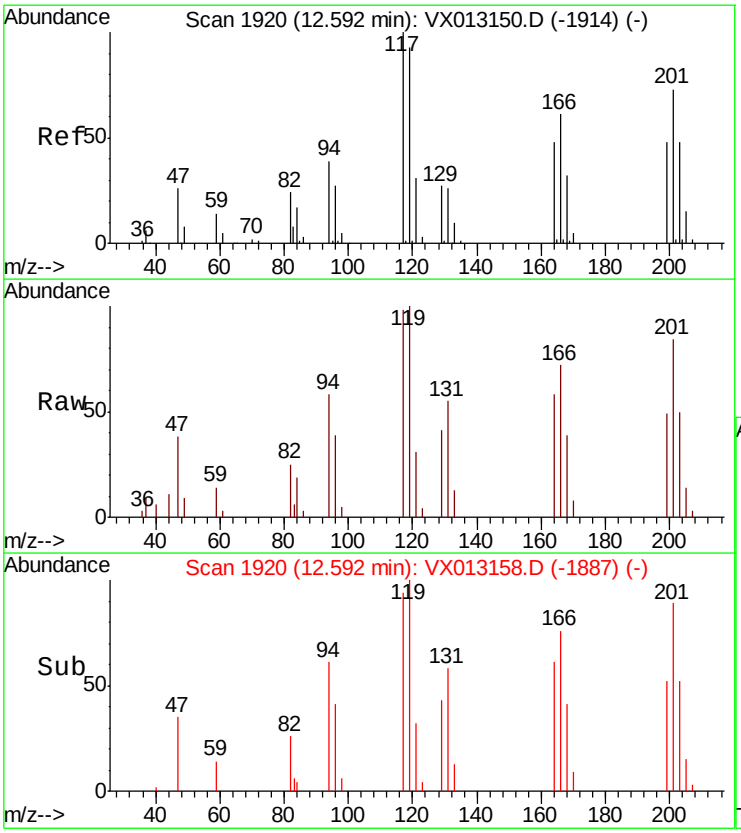
#85
n-Butylbenzene
Concen: 1.911 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 91 Resp: 12036

Ion	Ratio	Lower	Upper
91	100		
92	55.7	0.0	106.8
134	26.4	0.0	52.4

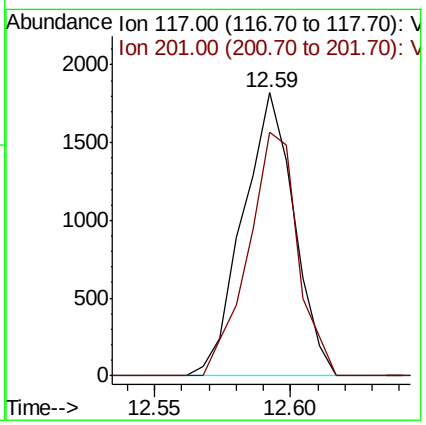


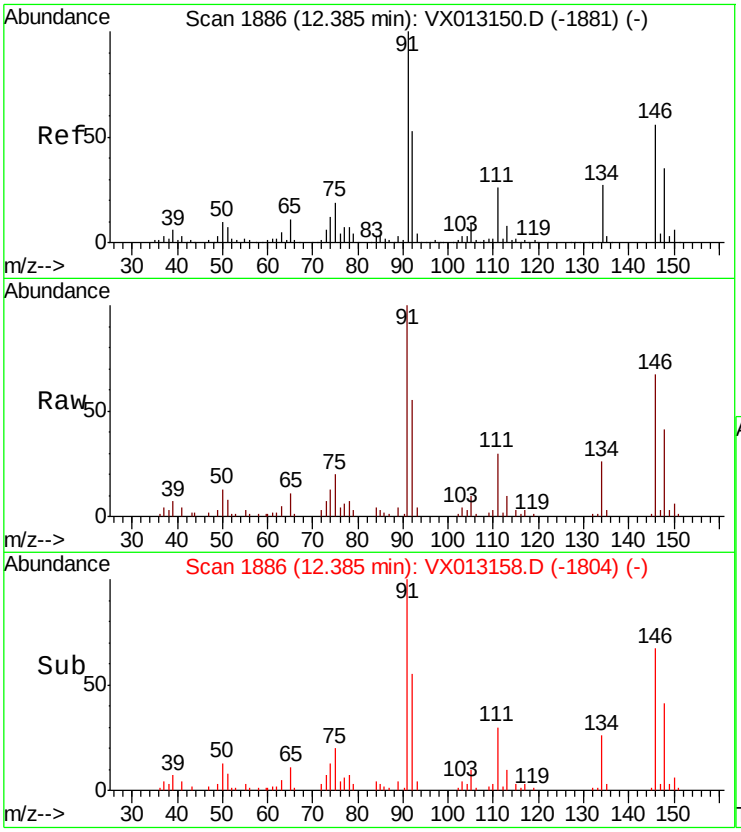


#86
Hexachloroethane
Concen: 1.842 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion:117 Resp: 2384

Ion	Ratio	Lower	Upper
117	100		
201	83.2	35.9	107.5



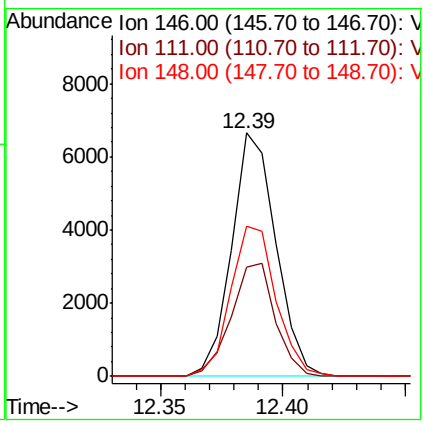


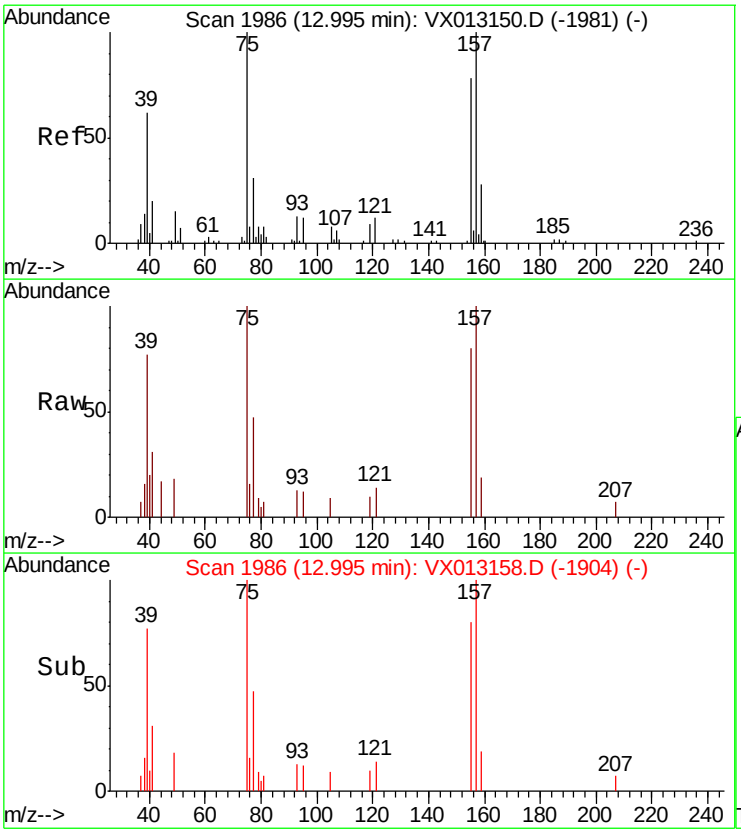
#87
1,2-Dichlorobenzene
Concen: 2.330 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:146 Resp: 8345

Ion	Ratio	Lower	Upper
146	100		
111	46.5	22.5	67.5
148	63.5	31.4	94.2

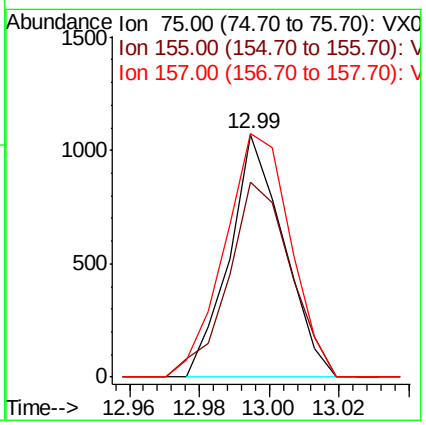


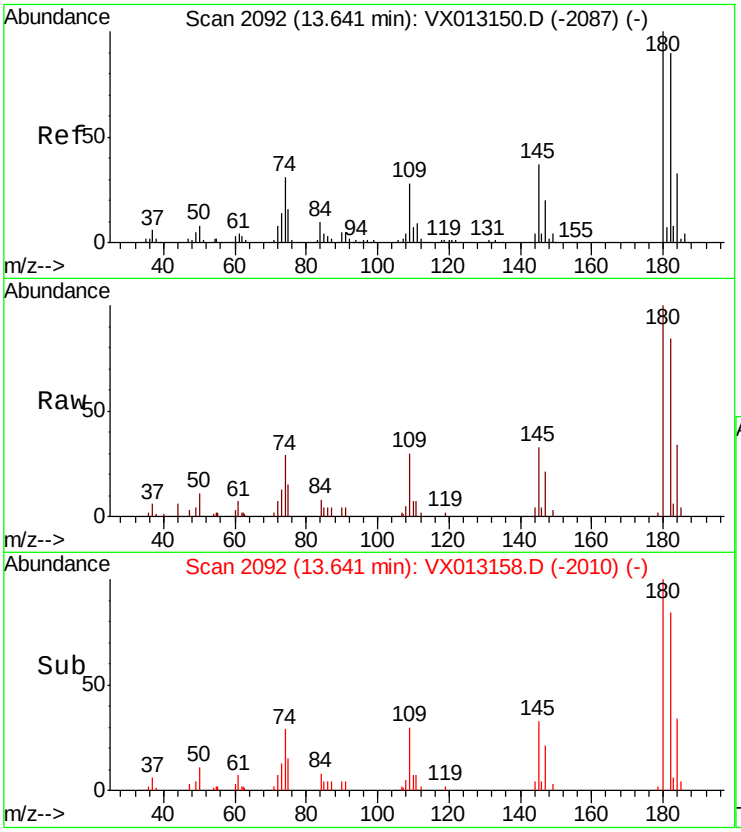


#88
1,2-Dibromo-3-Chloropropane
Concen: 1.822 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion: 75 Resp: 1159

Ion	Ratio	Lower	Upper
75	100		
155	92.1	65.4	98.0
157	121.0	84.1	126.1



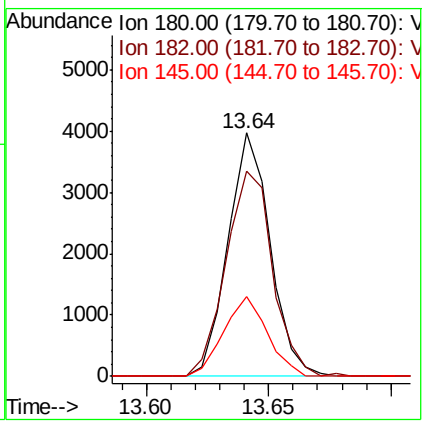


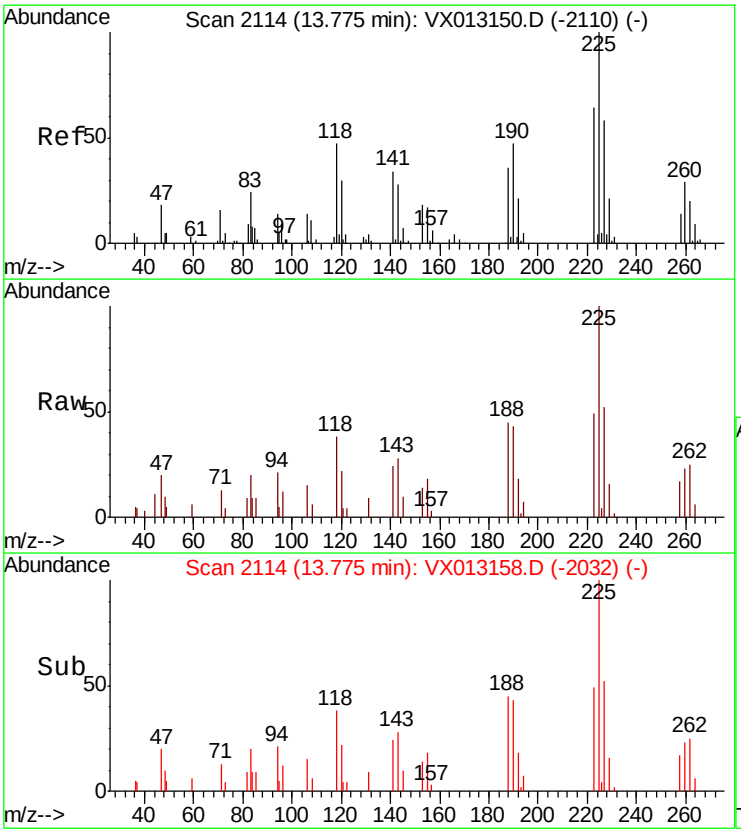
#89
1,2,4-Trichlorobenzene
Concen: 2.139 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:180 Resp: 4764

Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.1	114.1
145	33.9	27.4	41.2

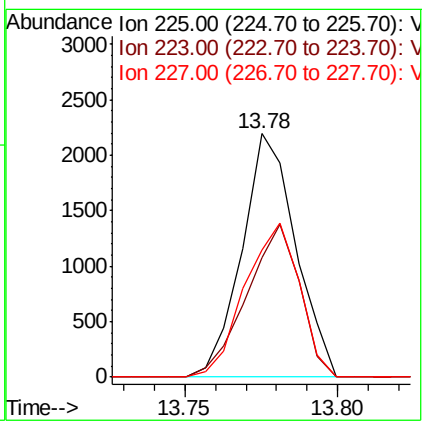


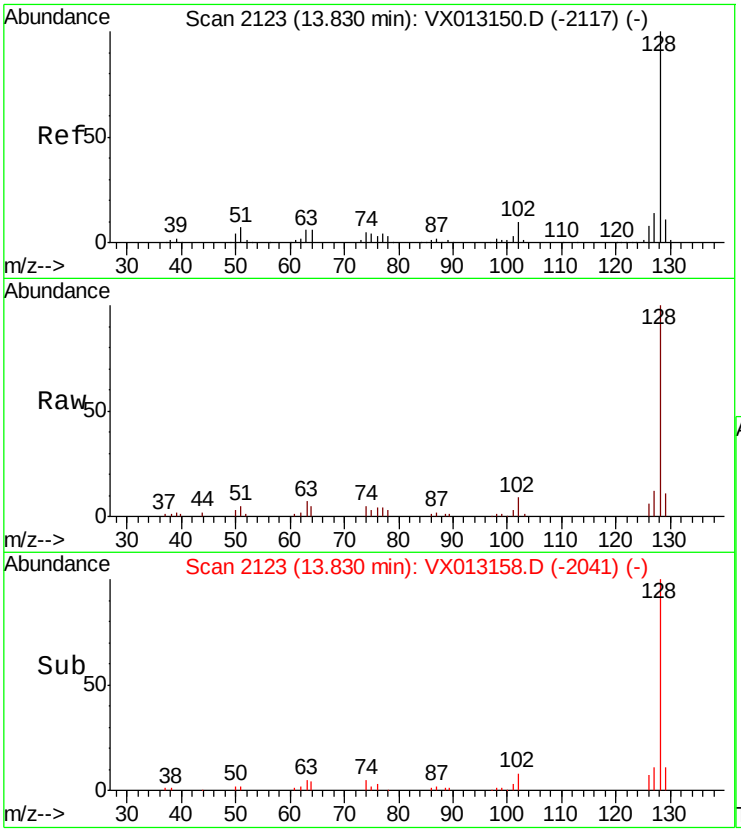


#90
Hexachlorobutadiene
Concen: 2.368 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion:225 Resp: 2678

Ion	Ratio	Lower	Upper
225	100		
223	61.8	0.0	131.2
227	64.1	0.0	127.0



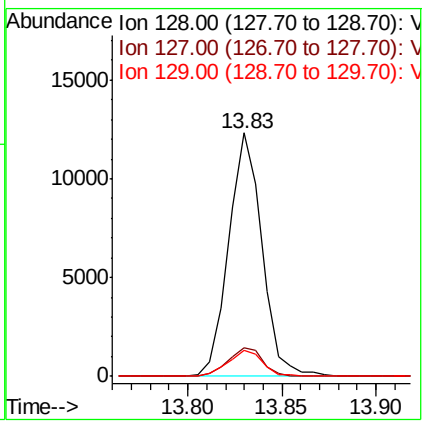


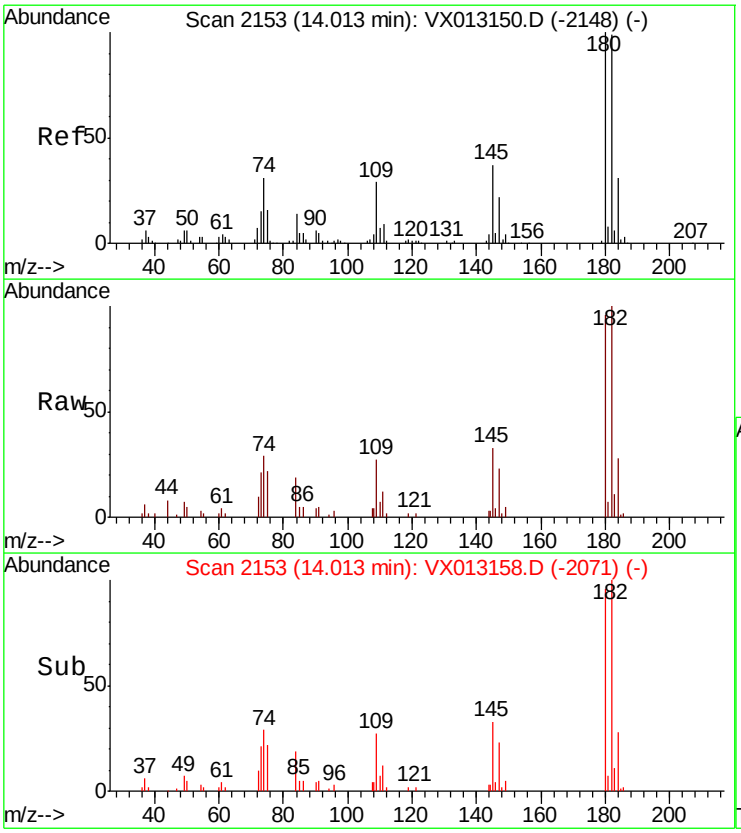
#91
Naphthalene
Concen: 2.089 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:128 Resp: 15132

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.5	15.7
129	11.1	8.6	12.8





#92
1,2,3-Trichlorobenzene
Concen: 2.114 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013158.D
Acq: 21 Oct 2019 17:41

Tgt Ion:180 Resp: 4824

Ion	Ratio	Lower	Upper
180	100		
182	101.2	0.0	194.4
145	35.1	0.0	71.2