Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101419\
Data File : VX013048.D
Acq On : 14 Oct 2019 13:46
Operator : JC/SP
Sample : K5312-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Oct 15 01:25:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	178630	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	285310	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	240574	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88303	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	109234	48.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.86%				
35) Dibromofluoromethane	5.49	113	86229	52.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.32%				
50) Toluene-d8	8.71	98	331377	51.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.78%				
62) 4-Bromofluorobenzene	11.13	95	106410	42.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.76%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	573	0.289	ug/l	#	84
4) Vinyl Chloride	1.40	62	11115	5.434	ug/l		100
5) Bromomethane	1.64	94	480	0.565	ug/l		81
6) Chloroethane	1.73	64	359	0.653	ug/l	#	76
10) Methyl Iodide	2.51	142	488	5.298	ug/l	#	70
11) Tert butyl alcohol	3.01	59	4049	6.841	ug/l	#	74
13) Acrolein	2.28	56	178	0.423	ug/l		89
16) Acetone	2.43	43	1735	1.474	ug/l	#	86
17) Carbon Disulfide	2.56	76	1276	0.248	ug/l	#	90
20) Methylene Chloride	2.85	84	577	0.267	ug/l		94
21) trans-1,2-Dichloroethene	3.16	96	10216	5.280	ug/l		91
24) 1,1-Dichloroethane	3.69	63	1979	0.571	ug/l	#	81
25) 2-Butanone	4.68	43	427	0.262	ug/l	#	49
27) cis-1,2-Dichloroethene	4.59	96	2895	1.298	ug/l		96
31) Cyclohexane	5.65	56	3725	1.150	ug/l	#	1
36) 1,1-Dichloropropene	5.65	75	14041	5.597	ug/l	#	51
38) Carbon Tetrachloride	5.65	117	18475	7.567	ug/l	#	18
53) t-1,3-Dichloropropene	9.05	75	63	2.189	ug/l	#	42
60) Dibromochloromethane	9.33	129	43	1.877	ug/l	#	10
68) m/p-Xylenes	10.35	106	730	0.230	ug/l		93
76) 1,2,3-Trichloropropane	11.14	75	53243	27.185	ug/l	#	32
81) trans-1,4-Dichloro-2-buten	11.14	75	53243	68.279	ug/l	#	10
93) 1,2,4-Trichlorobenzene	13.64	180	493	0.283	ug/l		89

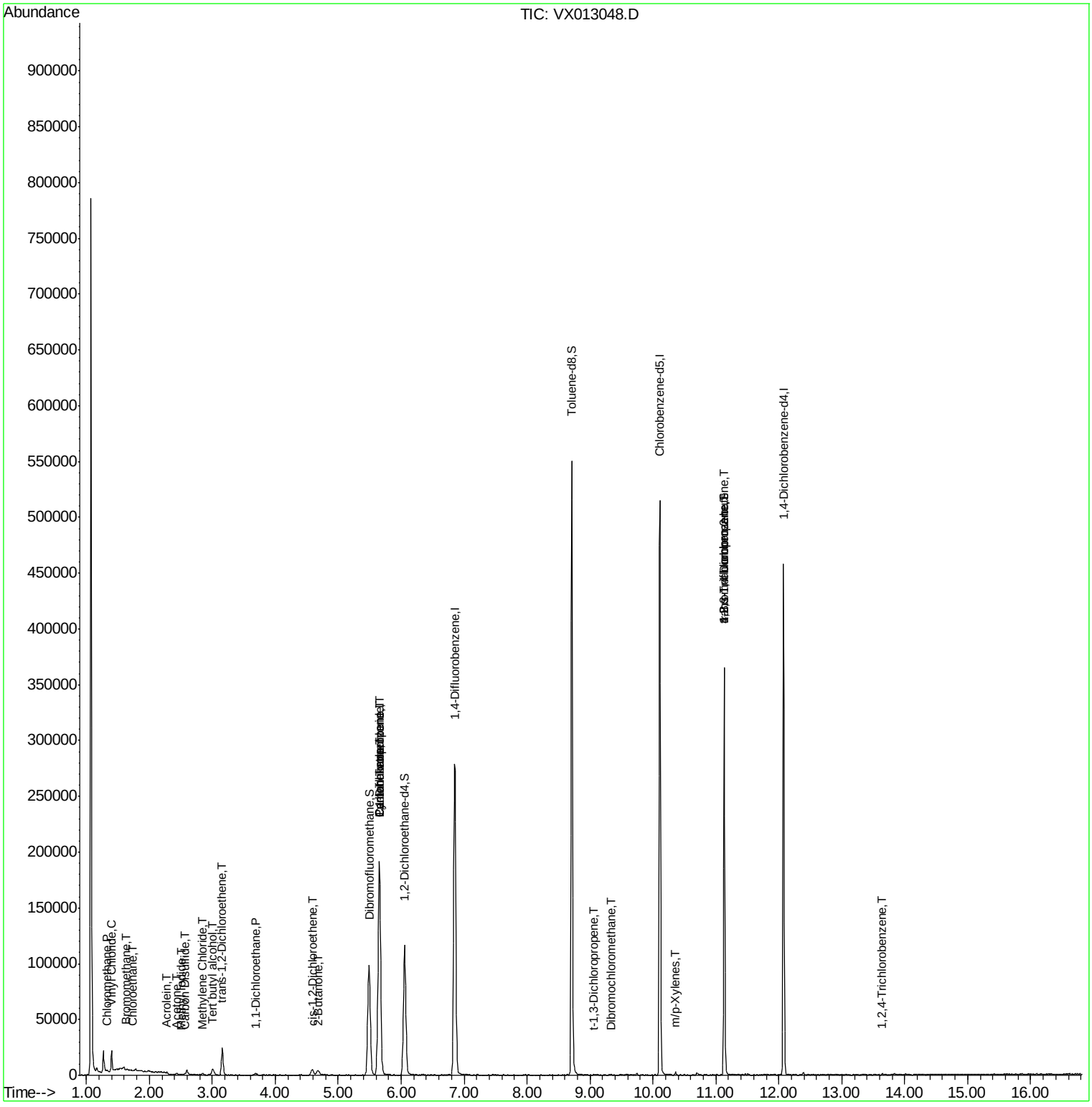
(#) = qualifier out of range (m) = manual integration (+) = signals summed

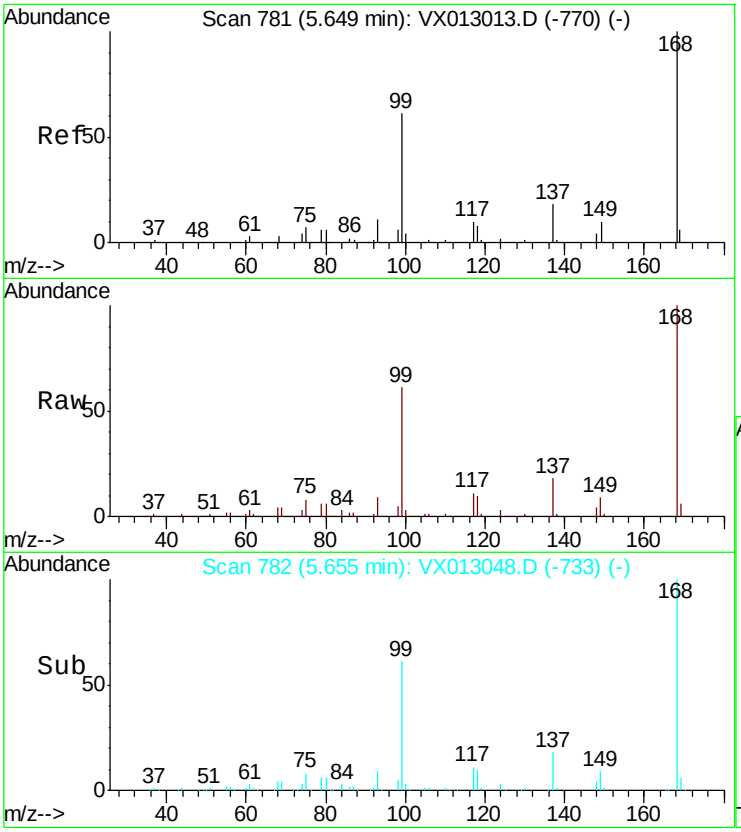
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
Data File : VX013048.D
Acq On : 14 Oct 2019 13:46
Operator : JC/SP
Sample : K5312-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 15 01:25:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration



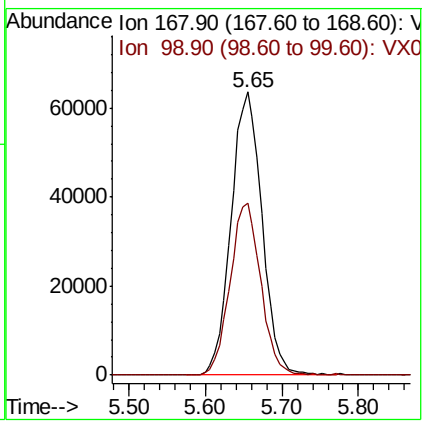


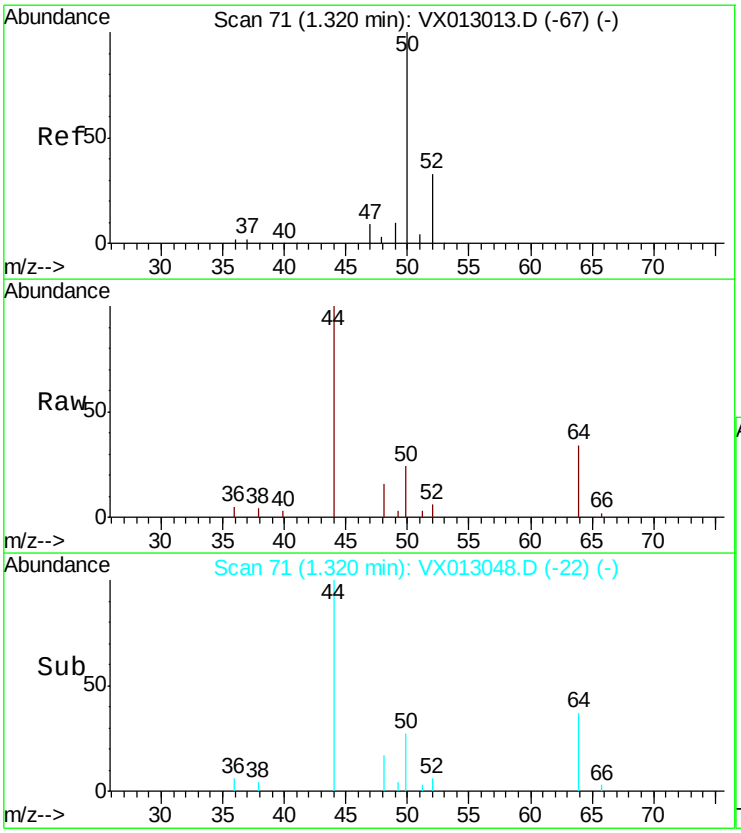
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 178630

Ion	Ratio	Lower	Upper
168	100		
99	60.6	49.4	74.0

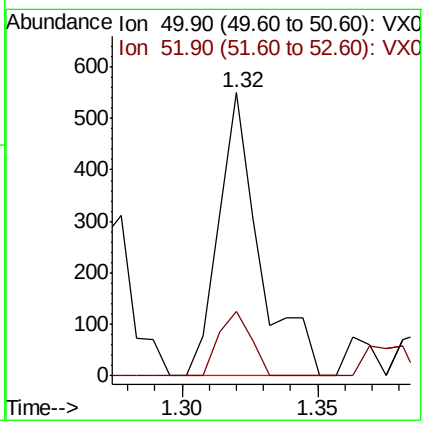


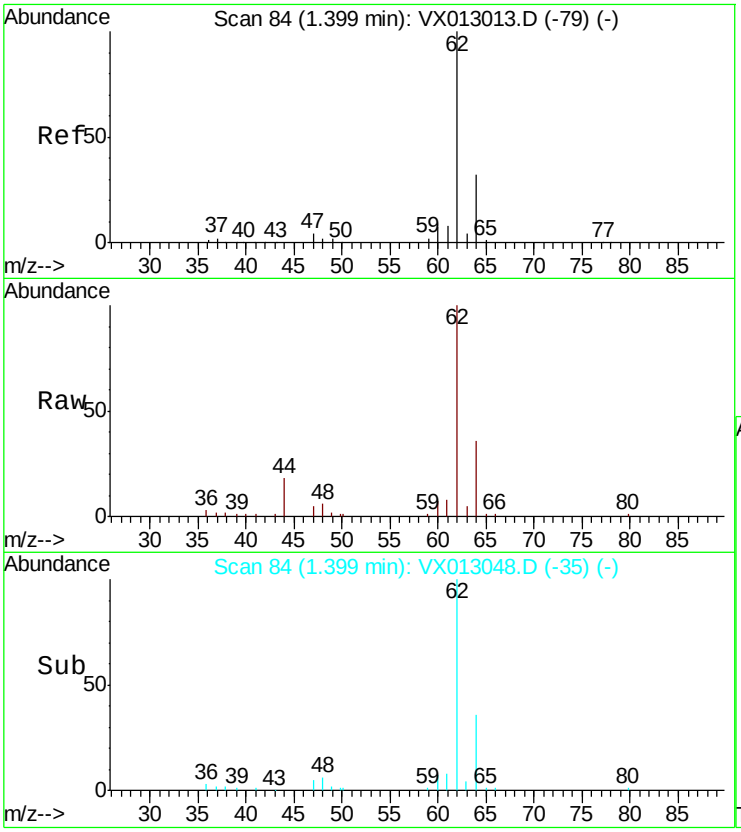


#3
Chloromethane
Concen: 0.289 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Tgt Ion: 50 Resp: 573

Ion	Ratio	Lower	Upper
50	100		
52	22.7	25.2	37.8#



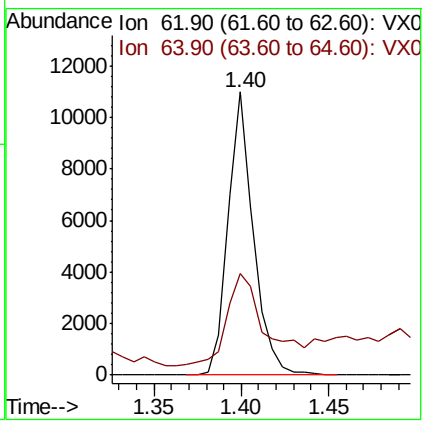


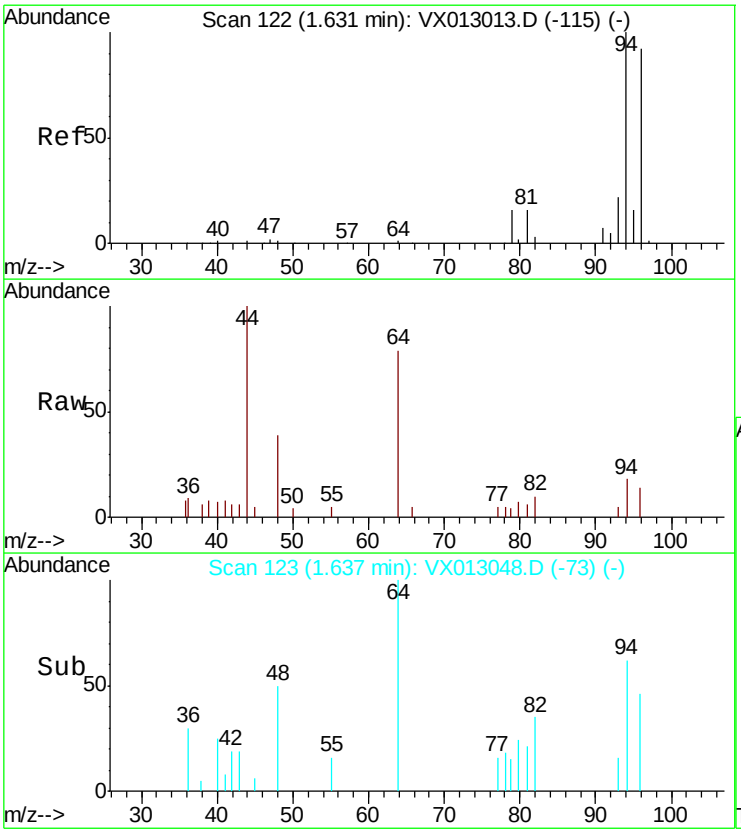
#4
Vinyl Chloride
Concen: 5.434 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 11115

Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.3	37.9

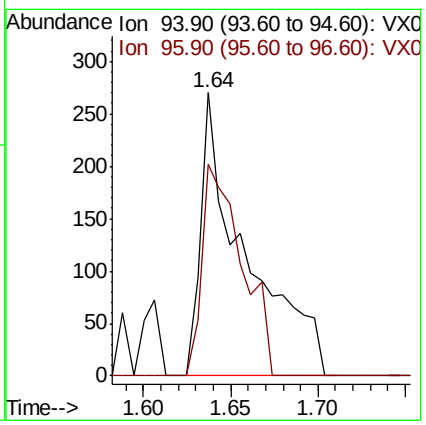


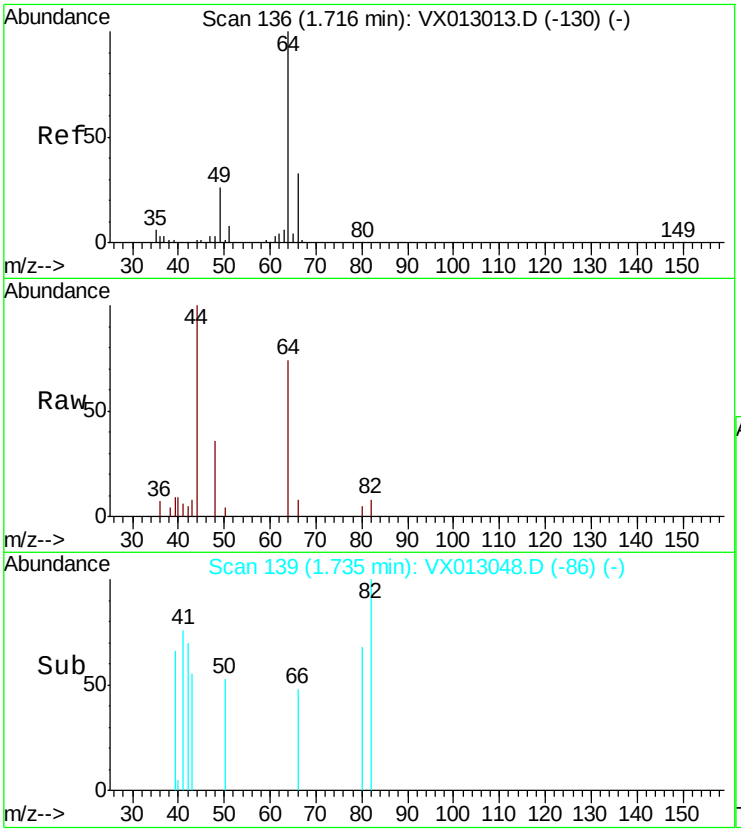


#5
Bromomethane
Concen: 0.565 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Tgt Ion: 94 Resp: 480

Ion	Ratio	Lower	Upper
94	100		
96	74.8	74.7	112.1



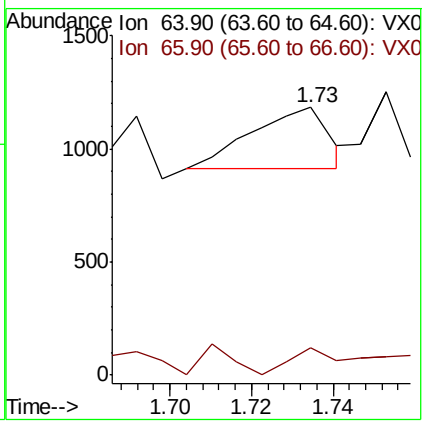


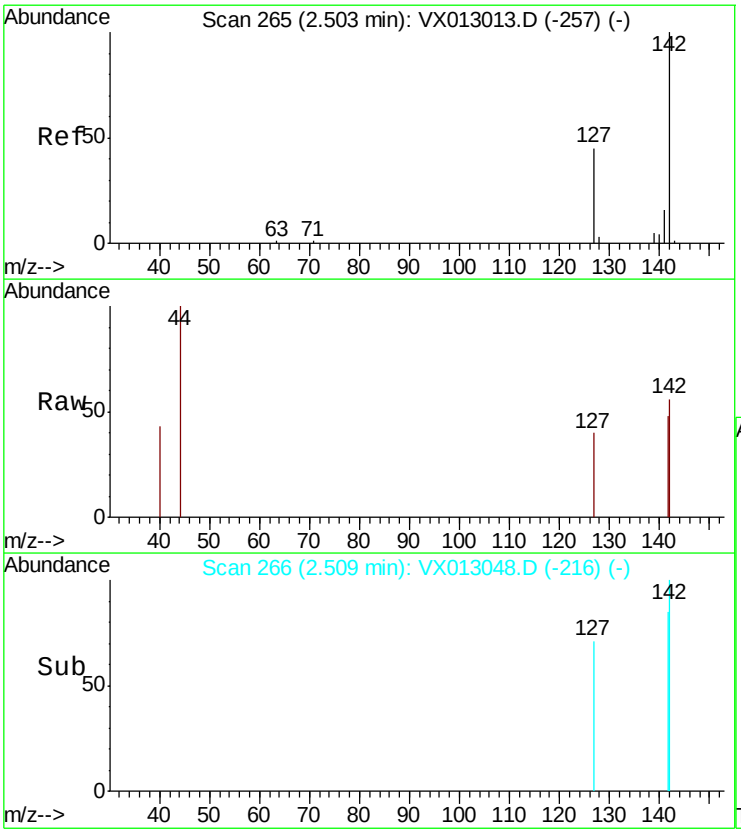
#6
Chloroethane
Concen: 0.653 ug/l
RT: 1.73 min Scan# 139
Delta R.T. 0.02 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 359

Ion	Ratio	Lower	Upper
64	100		
66	45.2	25.6	38.4#

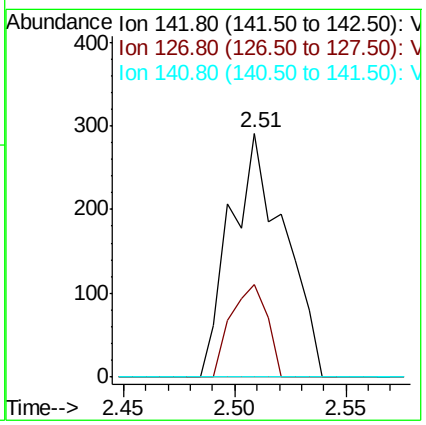


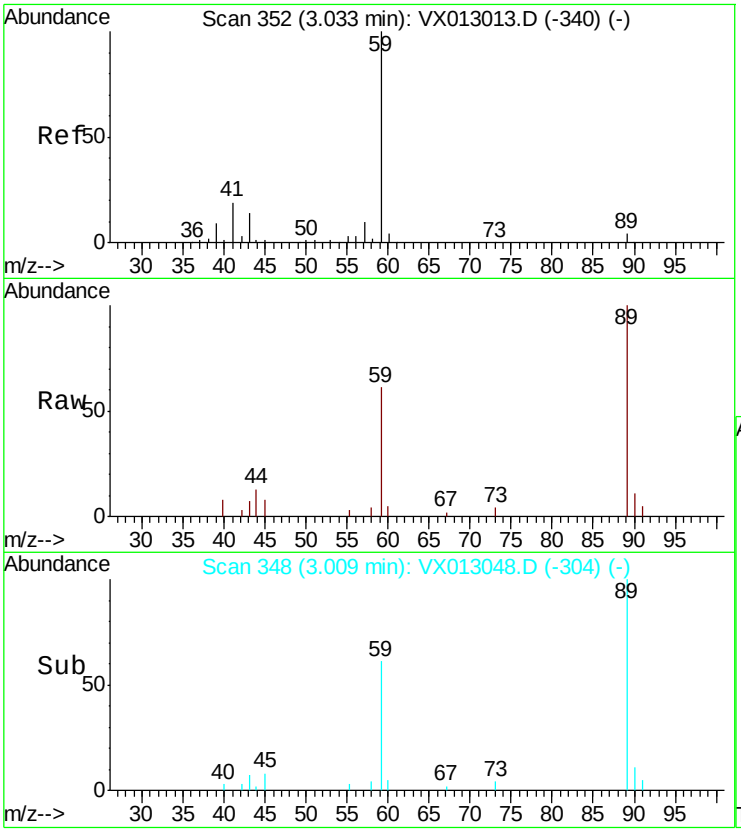


#10
Methyl Iodide
Concen: 5.298 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Tgt Ion:142 Resp: 488

Ion	Ratio	Lower	Upper
142	100		
127	25.6	34.9	52.3#
141	0.0	11.6	17.4#



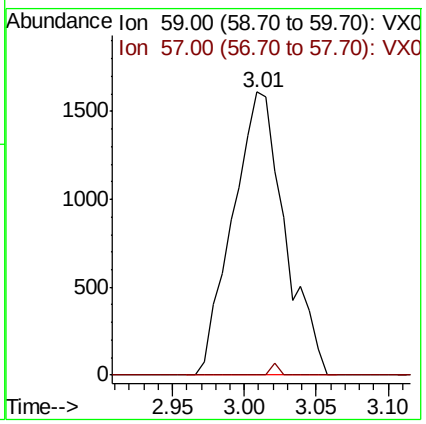


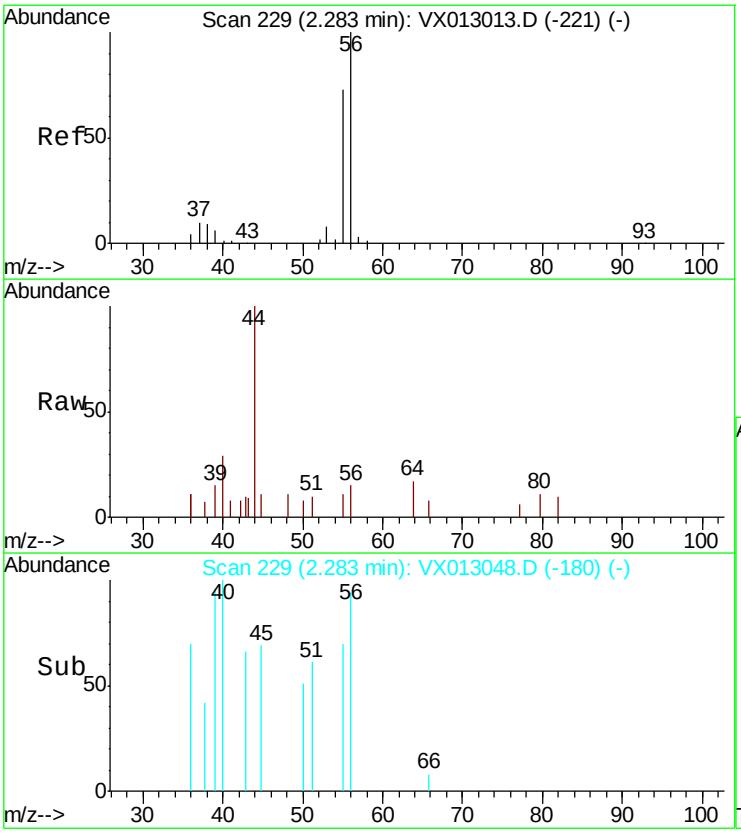
#11
Tert butyl alcohol
Concen: 6.841 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 4049

Ion	Ratio	Lower	Upper
59	100		
57	0.6	8.3	12.5#

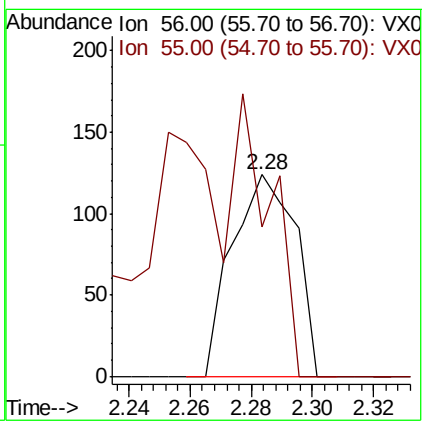


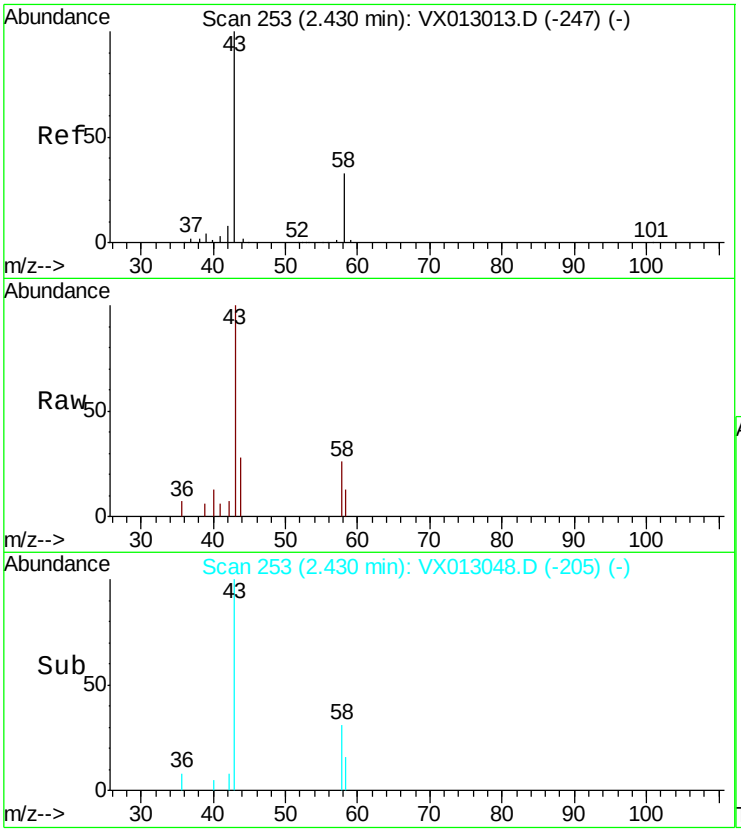


#13
Acrolein
Concen: 0.423 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Tgt Ion: 56 Resp: 178

Ion	Ratio	Lower	Upper
56	100		
55	79.8	56.6	85.0



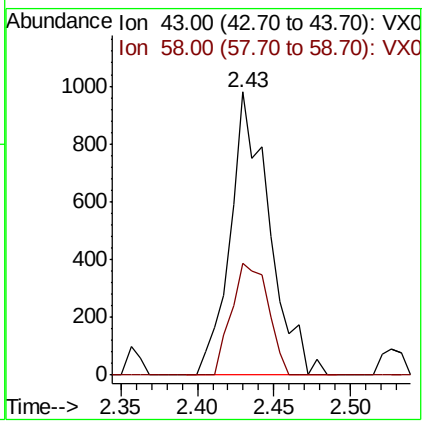


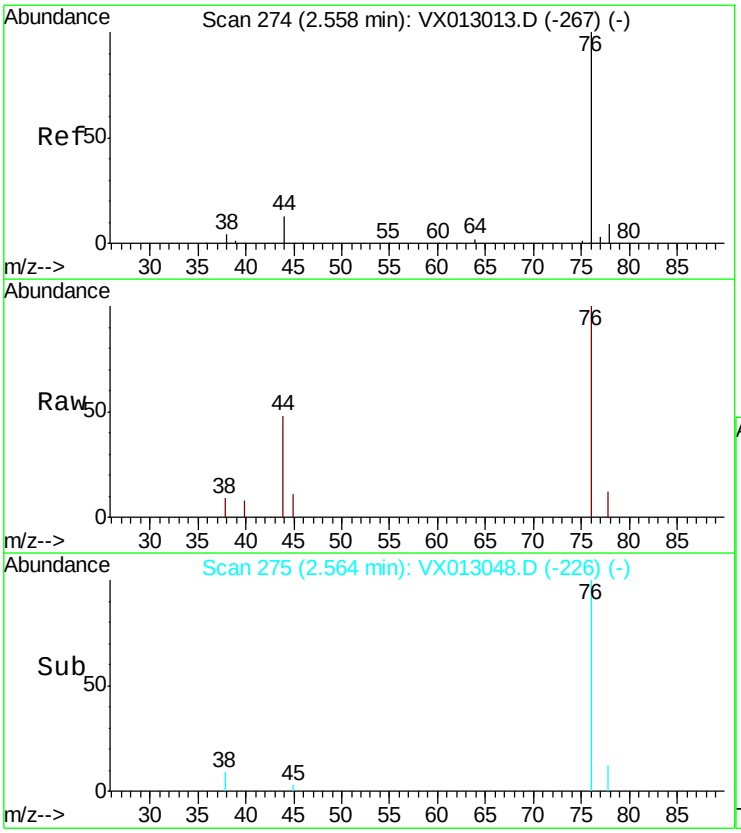
#16
Acetone
Concen: 1.474 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1735

Ion	Ratio	Lower	Upper
43	100		
58	39.7	25.4	38.2#

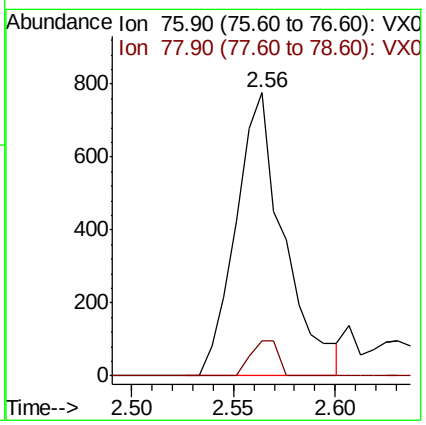


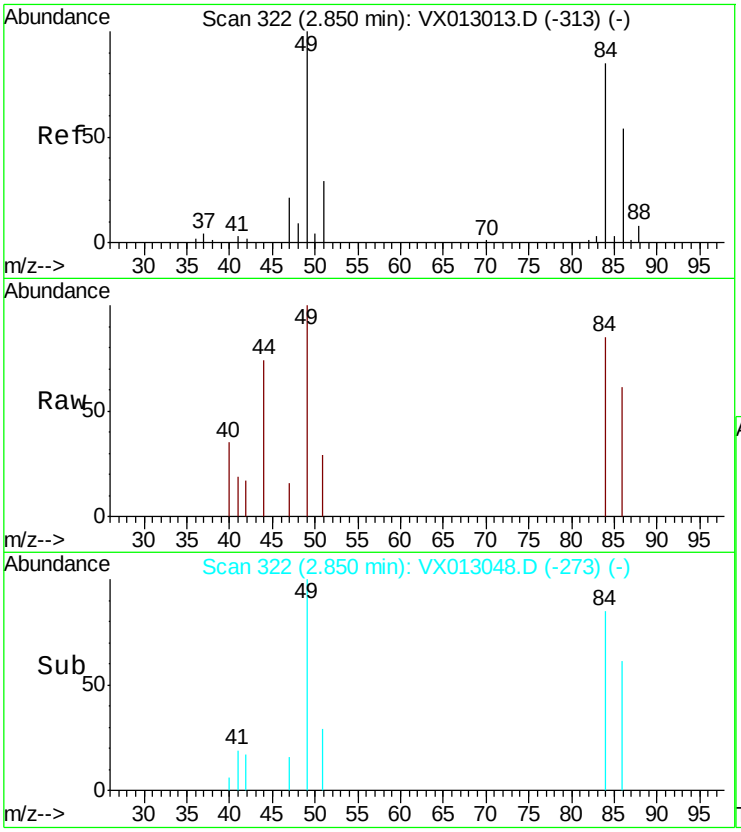


#17
Carbon Disulfide
Concen: 0.248 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Tgt Ion: 76 Resp: 1276

Ion	Ratio	Lower	Upper
76	100		
78	12.5	7.1	10.7#



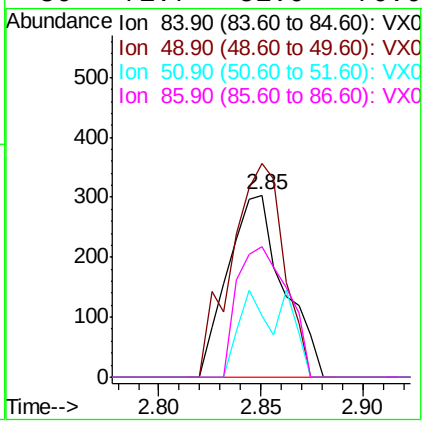


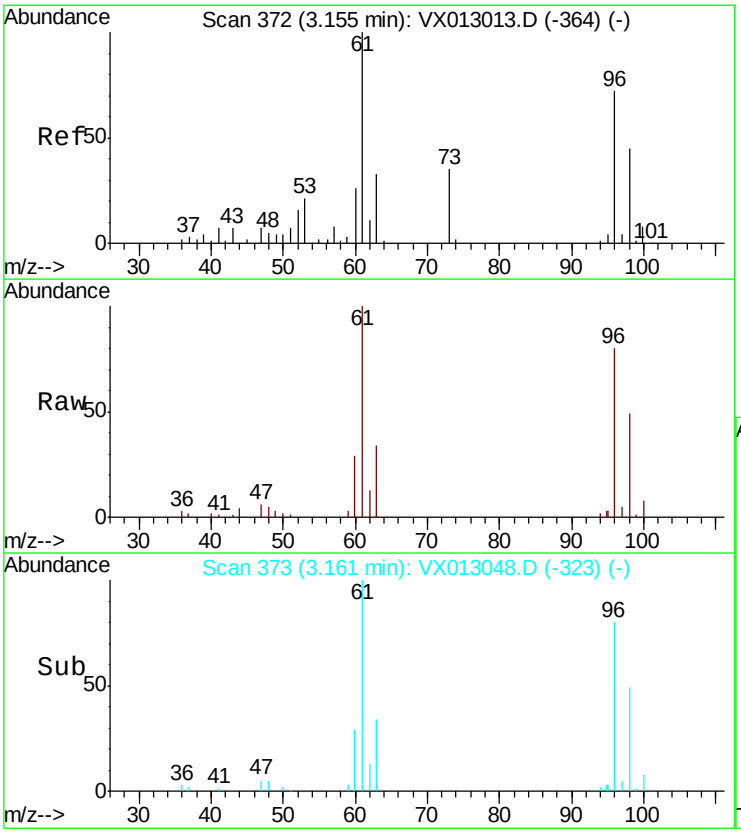
#20
Methylene Chloride
Concen: 0.267 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 577

Ion	Ratio	Lower	Upper
84	100		
49	117.1	96.6	144.8
51	33.6	30.7	46.1
86	71.7	51.0	76.6

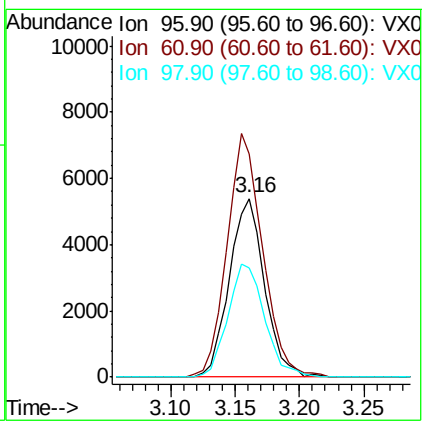


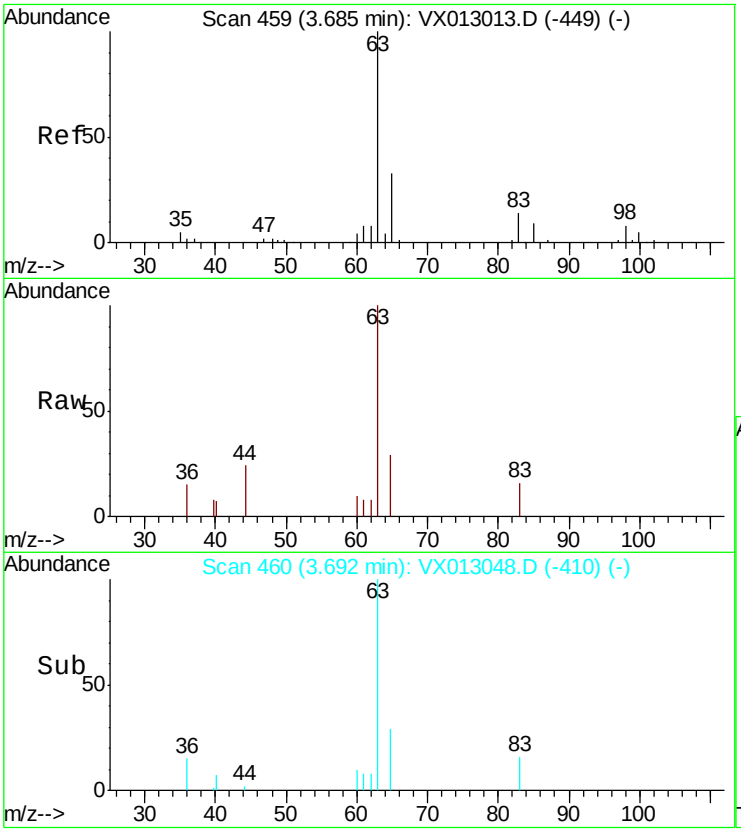


#21
trans-1,2-Dichloroethene
Concen: 5.280 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Tgt Ion: 96 Resp: 10216

Ion	Ratio	Lower	Upper
96	100		
61	124.9	110.4	165.6
98	61.0	51.5	77.3



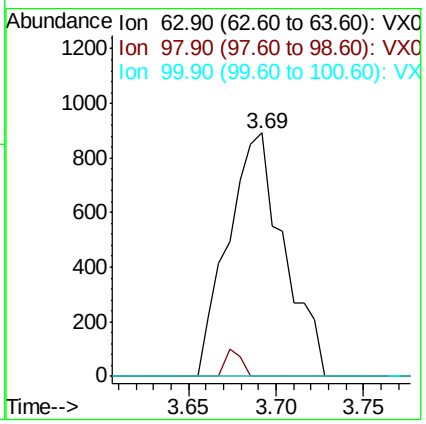


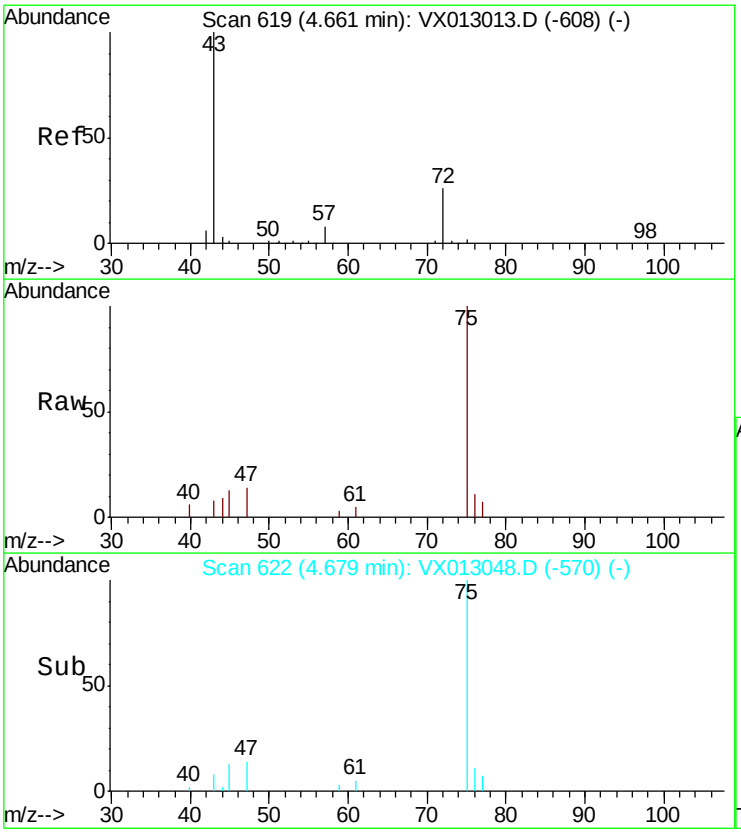
#24
1,1-Dichloroethane
Concen: 0.571 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 1979

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.9	11.5#
100	0.0	2.3	6.9#

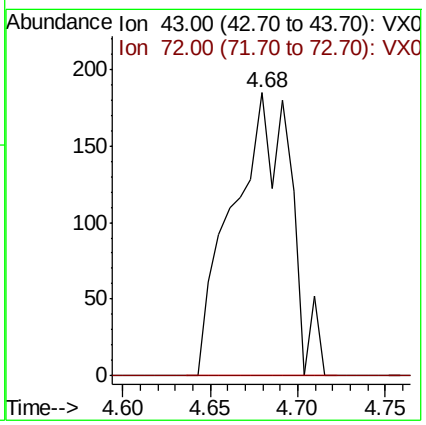


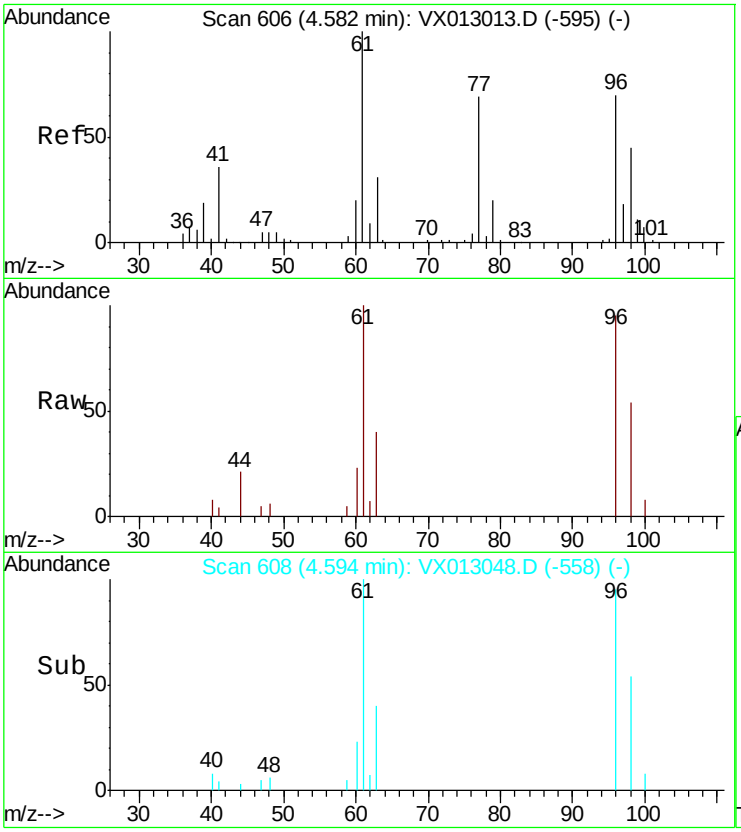


#25
2-Butanone
Concen: 0.262 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Tgt Ion: 43 Resp: 427

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#



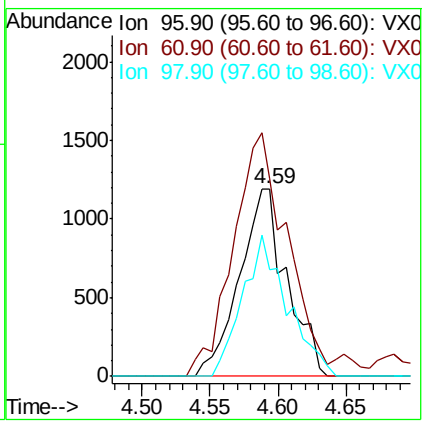


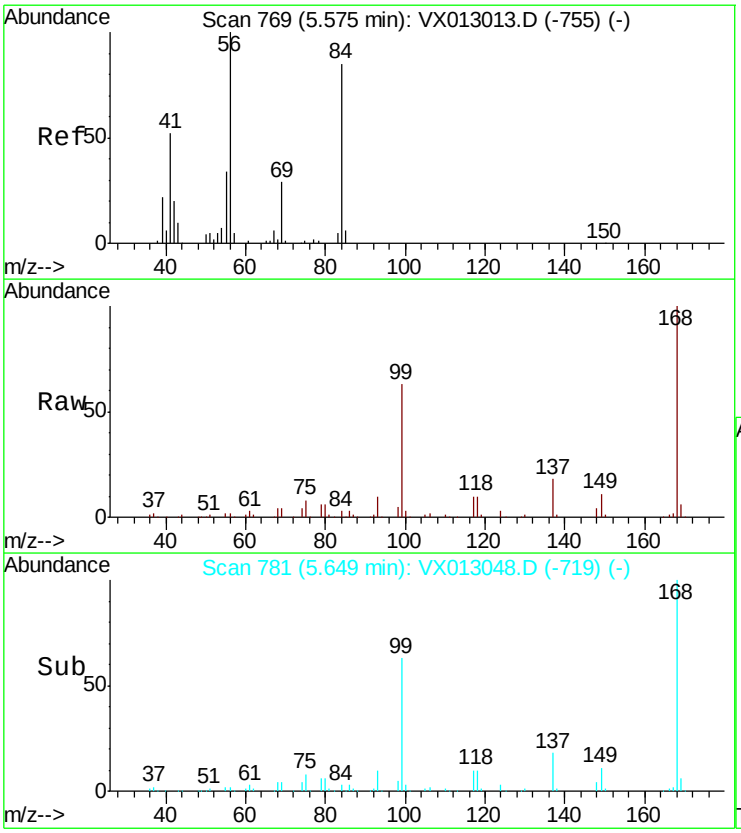
#27
cis-1,2-Dichloroethene
Concen: 1.298 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 2895

Ion	Ratio	Lower	Upper
96	100		
61	147.8	0.0	290.6
98	71.9	0.0	128.8

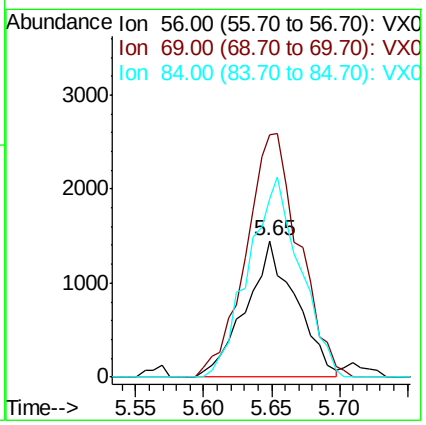


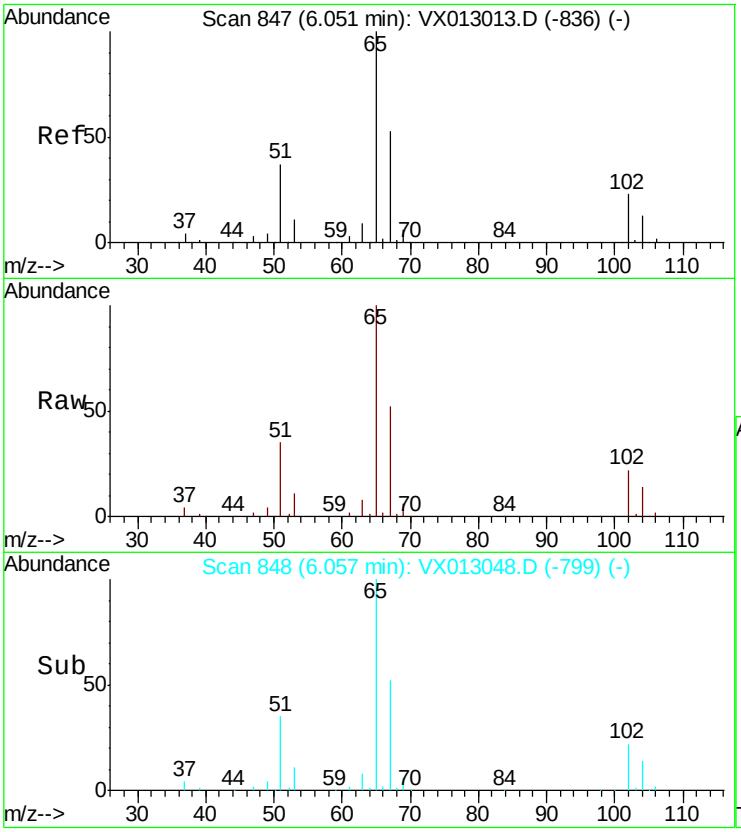


#31
Cyclohexane
Concen: 1.150 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Tgt Ion: 56 Resp: 3725

Ion	Ratio	Lower	Upper
56	100		
69	177.8	25.2	37.8#
84	130.8	71.3	106.9#



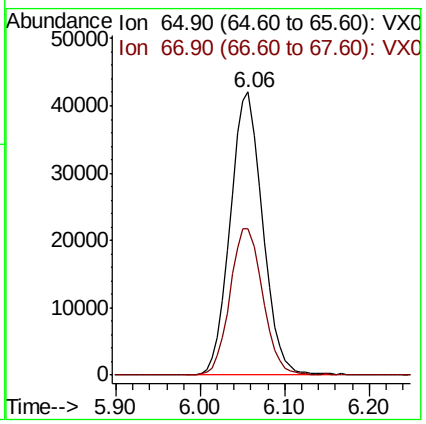


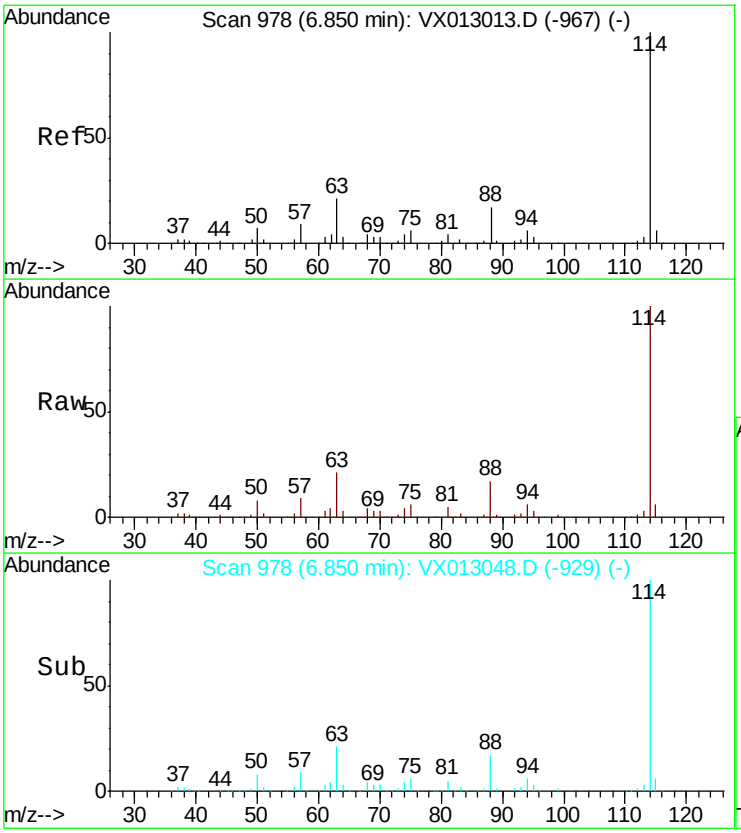
#33
1,2-Dichloroethane-d4
Concen: 48.926 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.00 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 109234

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.4

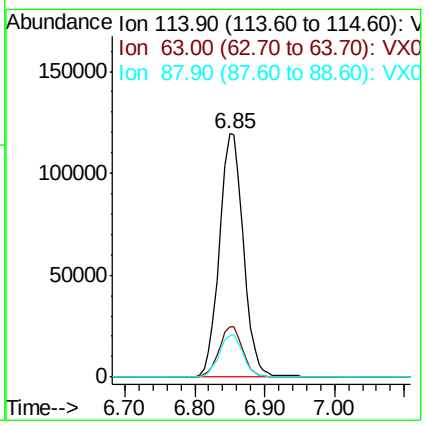


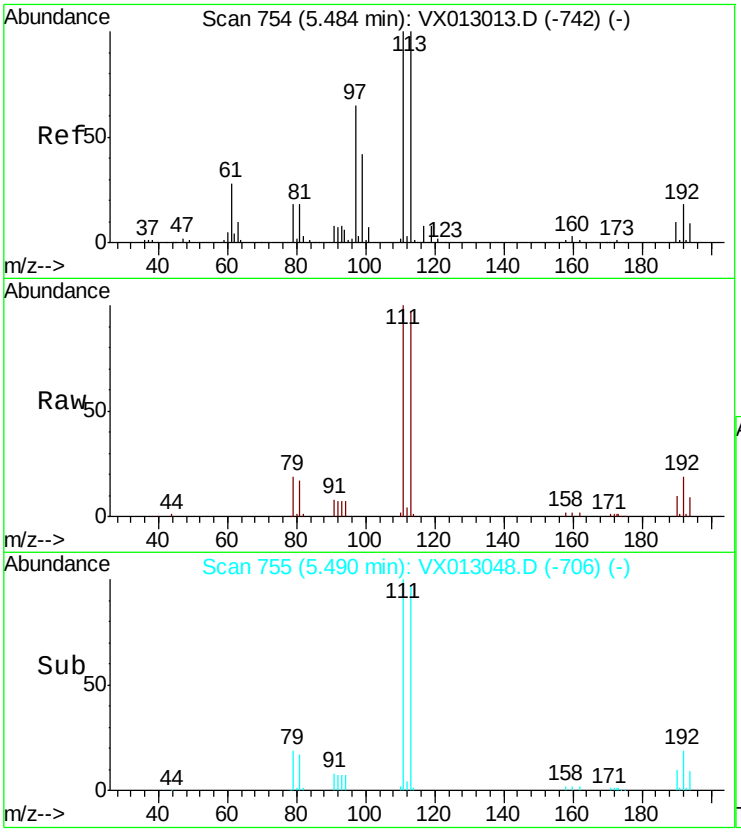


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Tgt Ion:114 Resp: 285310

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	16.9	0.0	33.8



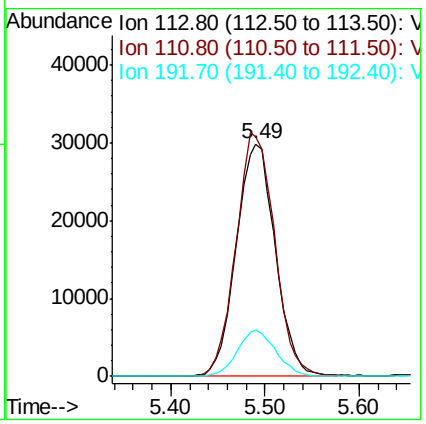


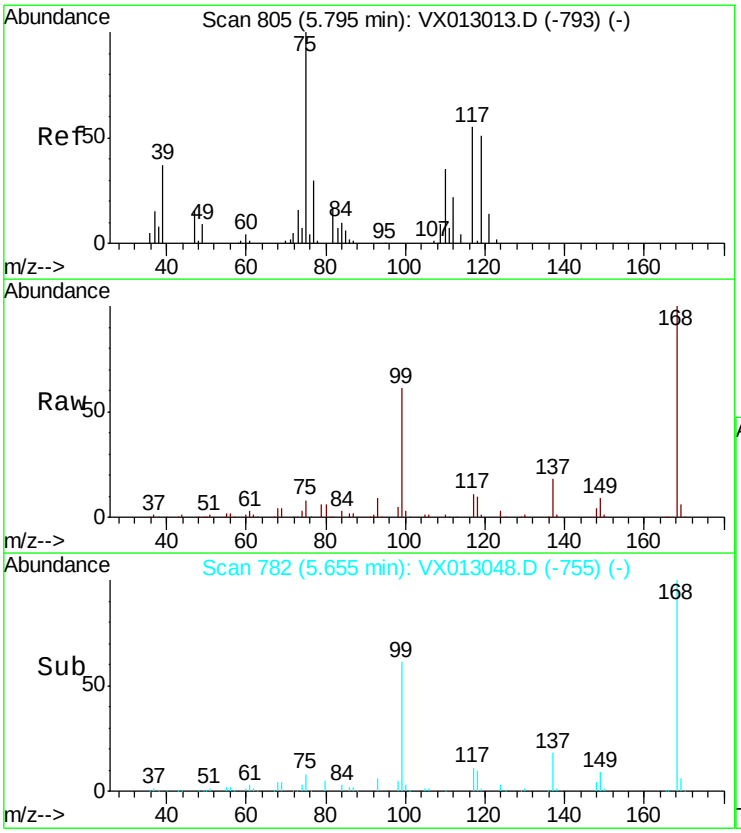
#35
Dibromofluoromethane
Concen: 52.658 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 86229

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.2	124.8
192	19.5	15.4	23.2

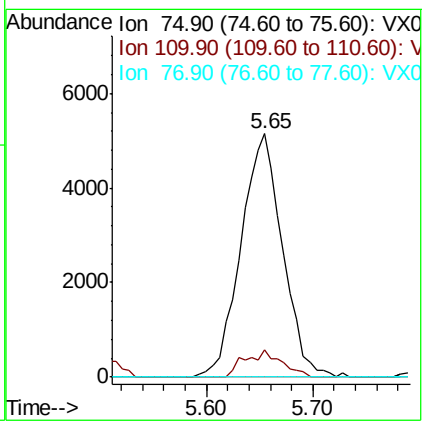


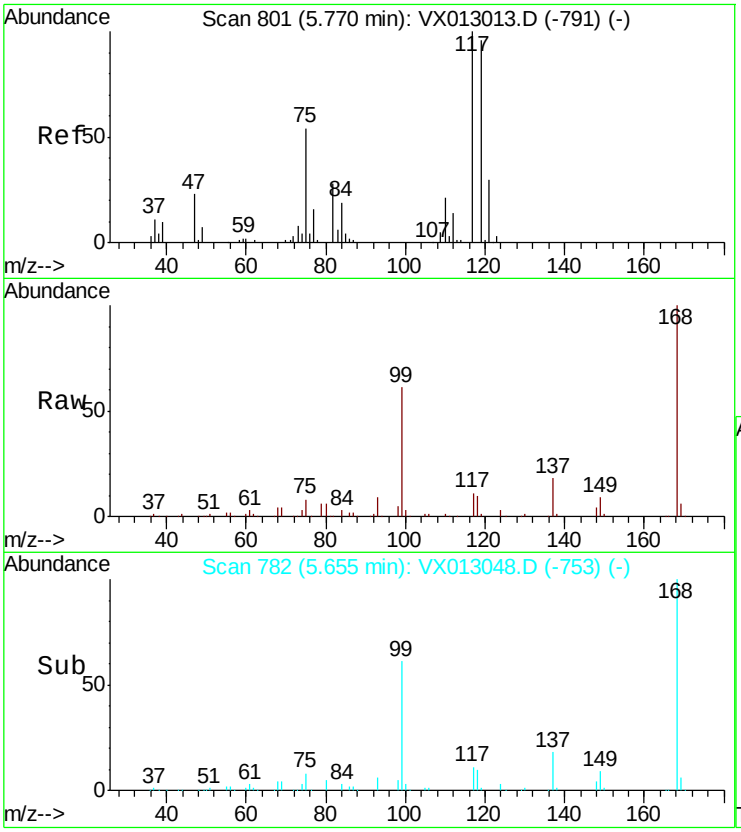


#36
1,1-Dichloropropene
Concen: 5.597 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Tgt Ion: 75 Resp: 14041

Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.6	52.9#
77	0.0	24.4	36.6#



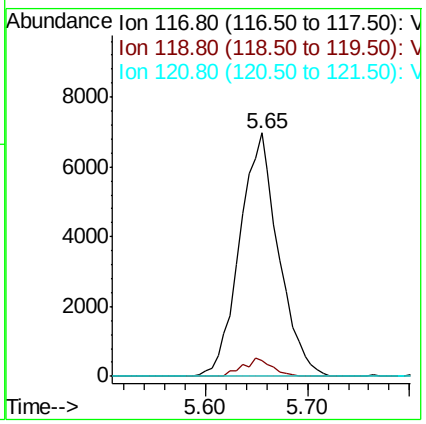


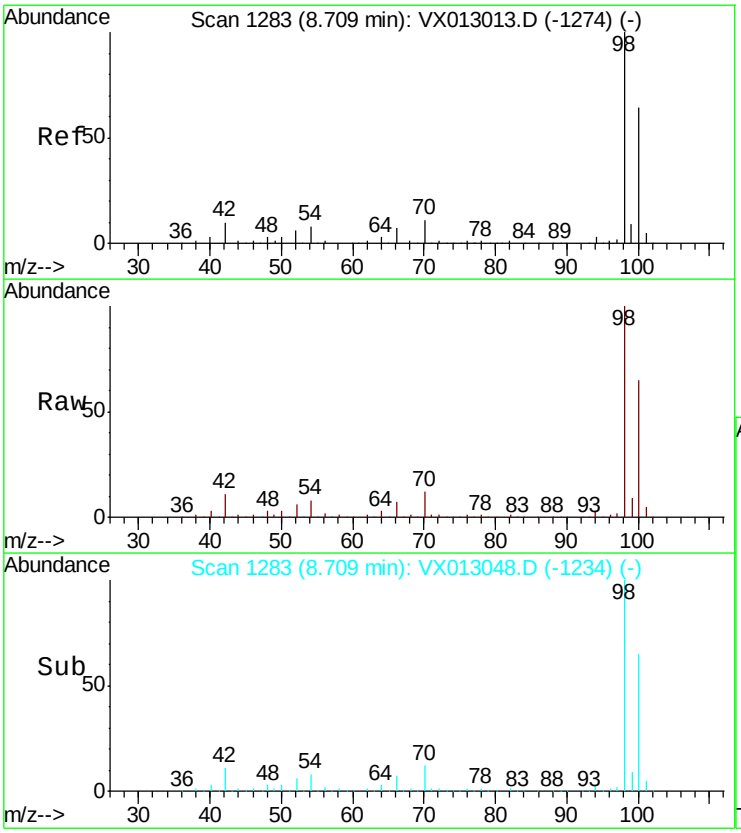
#38
Carbon Tetrachloride
Concen: 7.567 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 18475

Ion	Ratio	Lower	Upper
117	100		
119	6.2	74.5	111.7#
121	0.0	24.2	36.4#

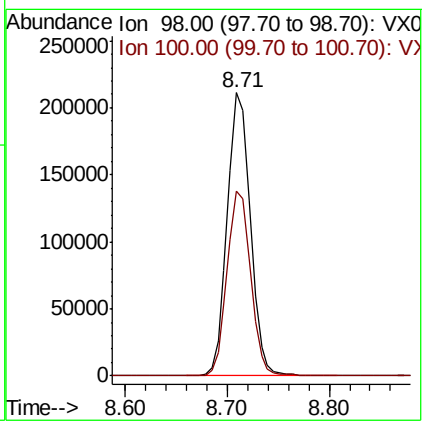


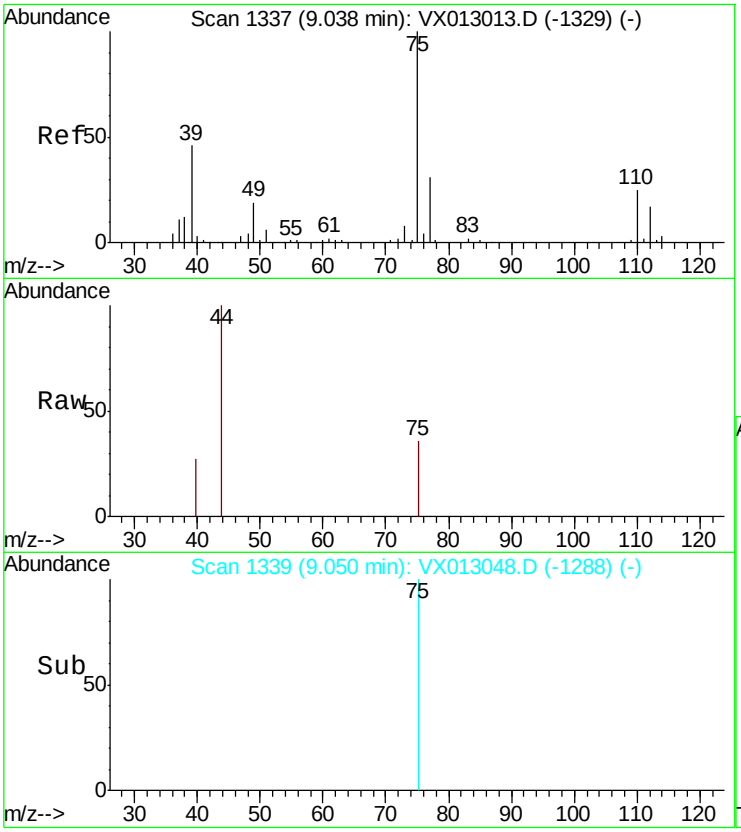


#50
Toluene-d8
Concen: 51.885 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Tgt Ion: 98 Resp: 331377

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.4	80.2



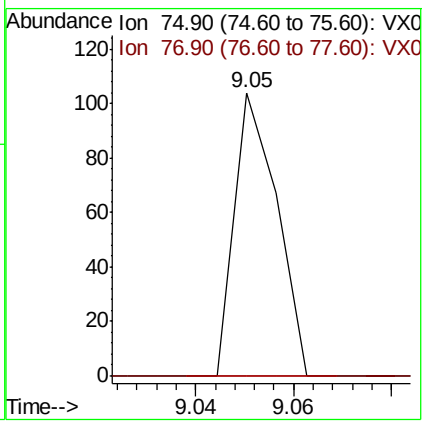


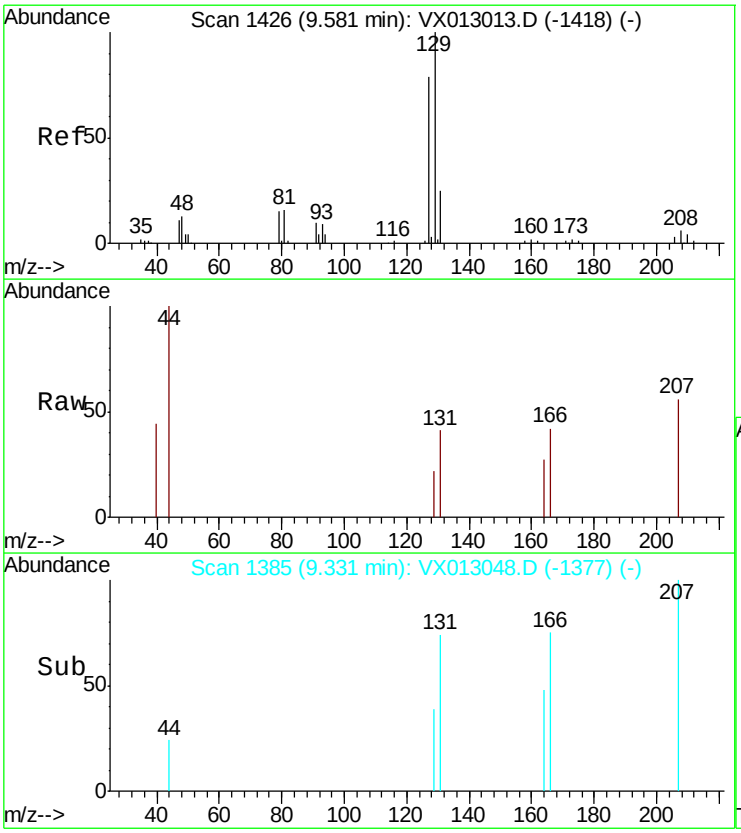
#53
t-1,3-Dichloropropene
Concen: 2.189 ug/l
RT: 9.05 min Scan# 1339
Delta R.T. 0.01 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 63

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.6#

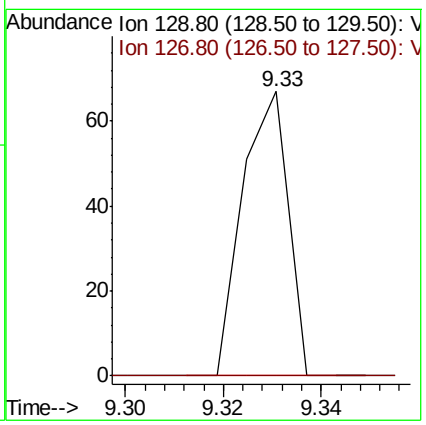


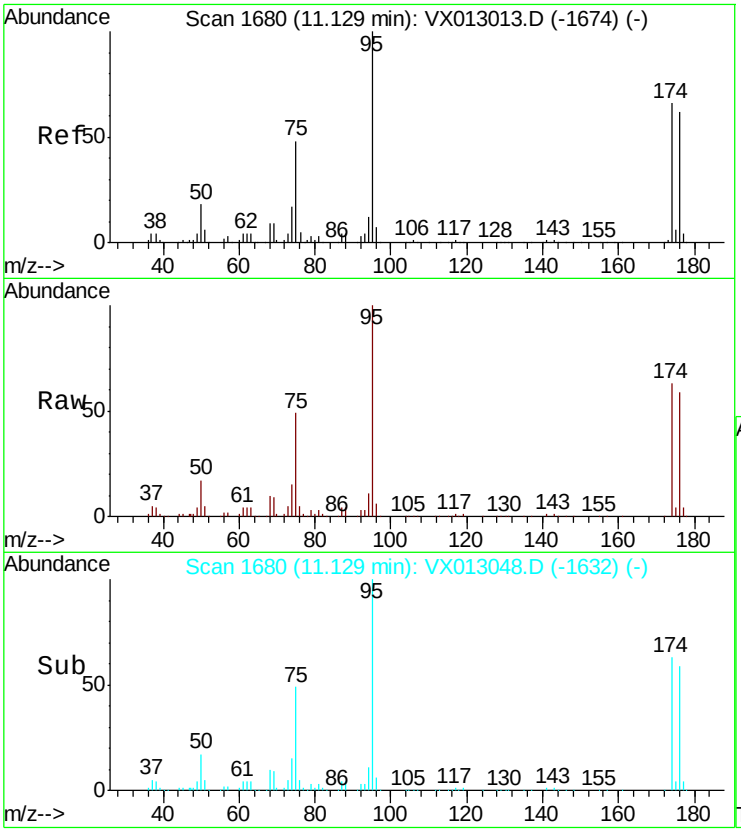


#60
Dibromochloromethane
Concen: 1.877 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Tgt Ion:129 Resp: 43

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.7#



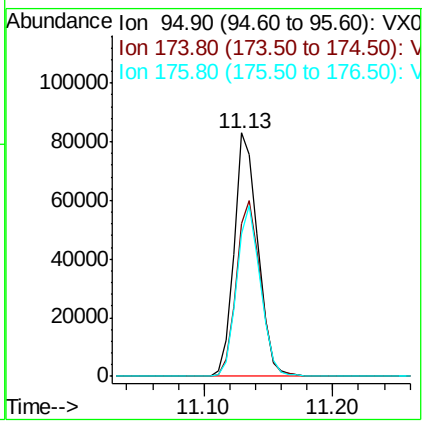


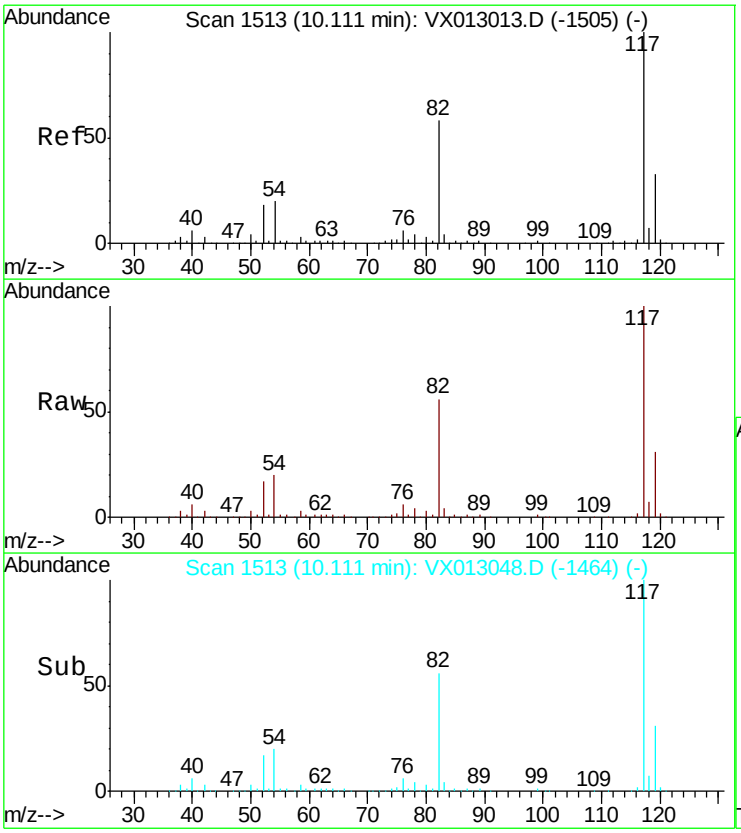
#62
4-Bromofluorobenzene
Concen: 42.879 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 106410

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	143.4
176	69.7	0.0	136.0

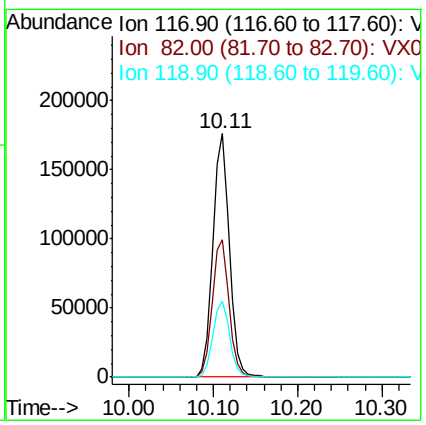


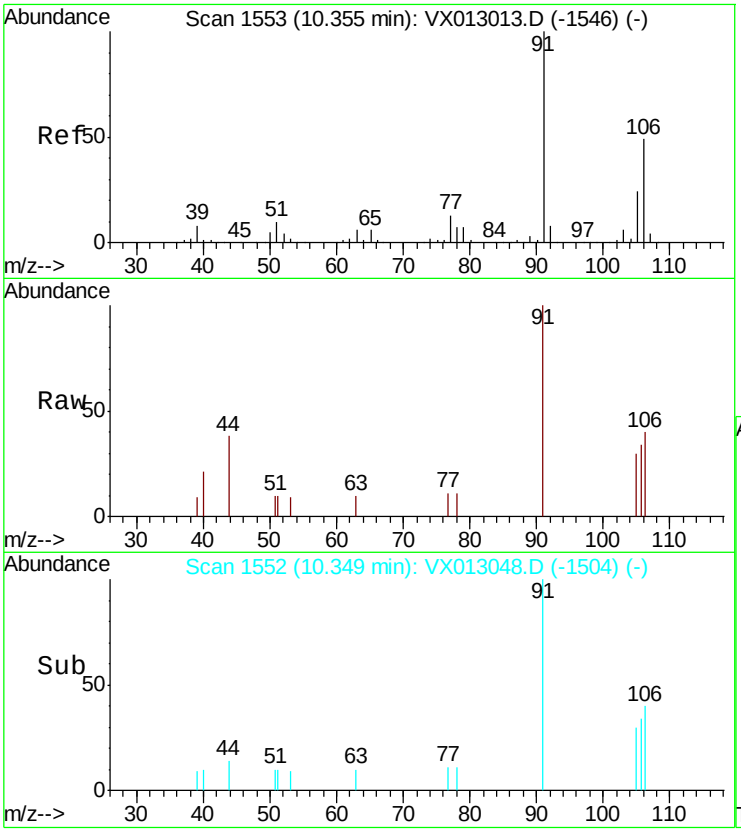


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Tgt Ion:117 Resp: 240574

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.1	66.1
119	31.2	25.8	38.8



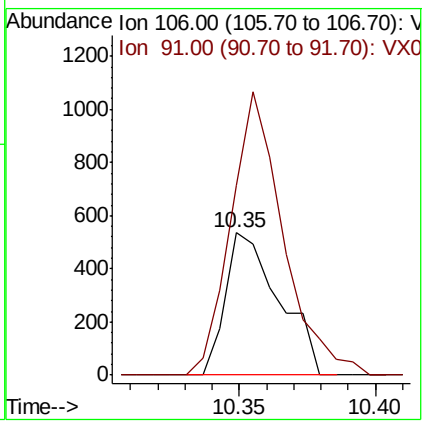


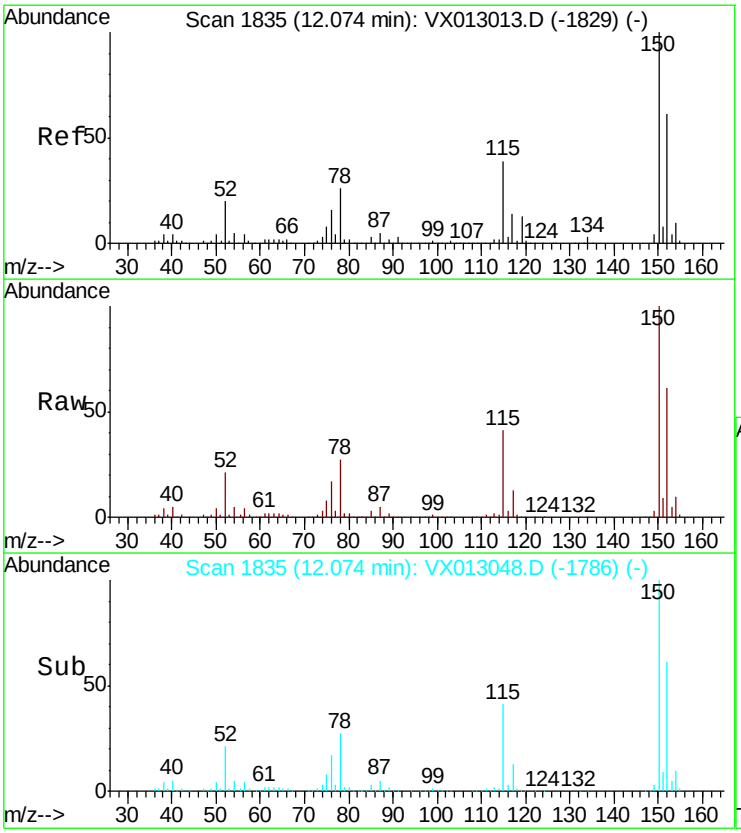
#68
m/p-Xylenes
Concen: 0.230 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. -0.01 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 730

Ion	Ratio	Lower	Upper
106	100		
91	195.6	165.3	247.9

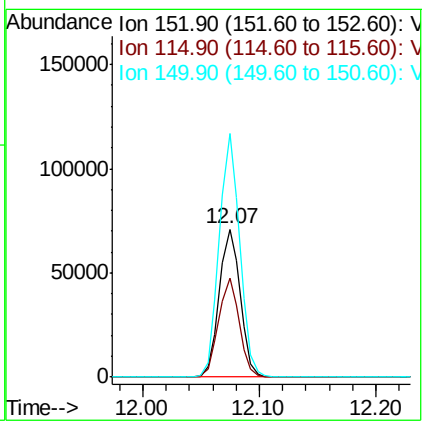


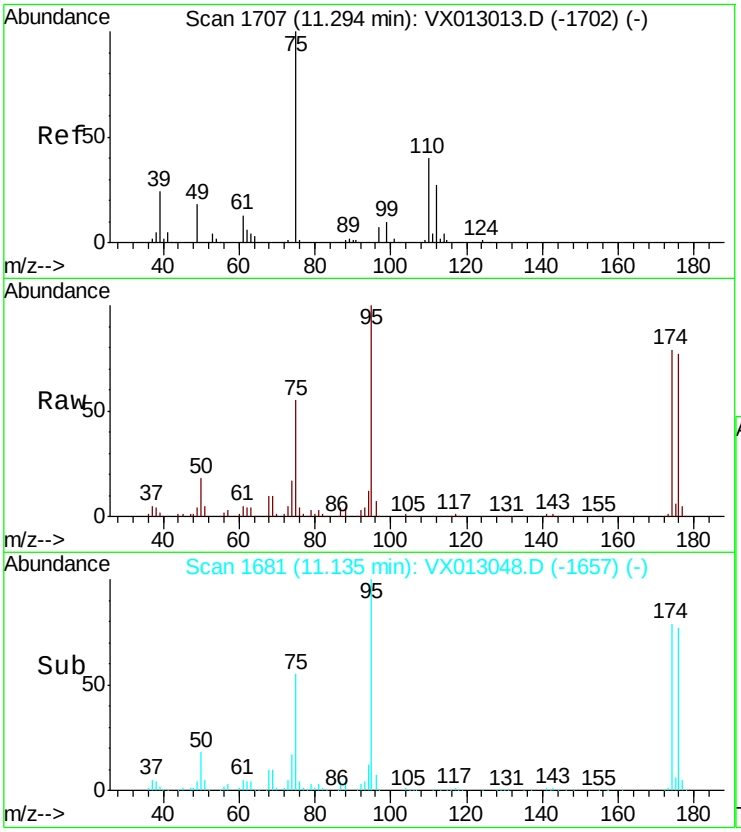


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Tgt Ion:152 Resp: 88303

Ion	Ratio	Lower	Upper
152	100		
115	66.1	44.5	133.5
150	161.0	0.0	353.4



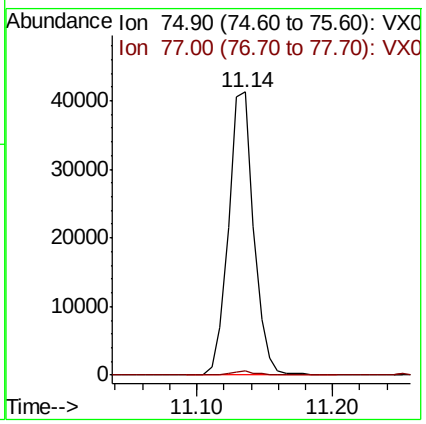


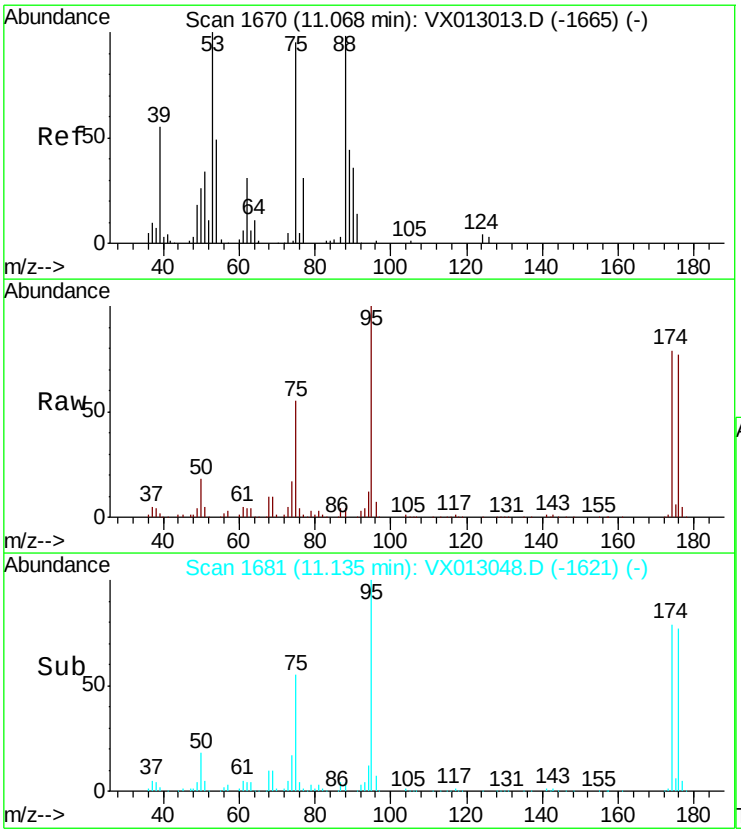
#76
1,2,3-Trichloropropane
Concen: 27.185 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.15 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 53243

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.9	68.8#

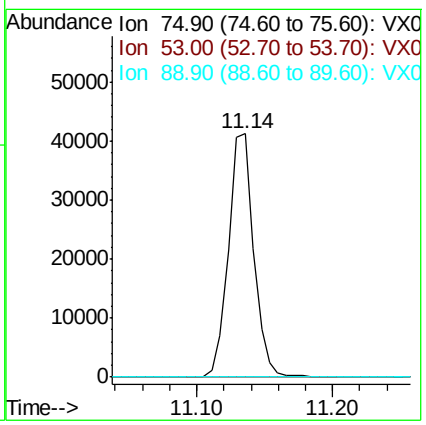


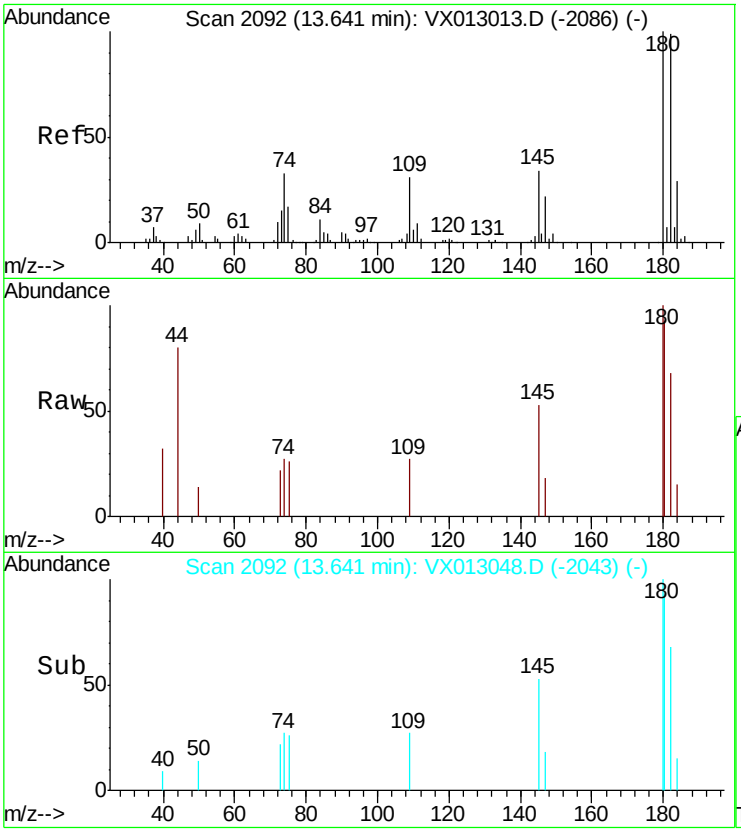


#81
trans-1,4-Dichloro-2-butene
Concen: 68.279 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Tgt Ion: 75 Resp: 53243

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.5	117.7#
89	0.0	37.4	56.2#





#93
1,2,4-Trichlorobenzene
Concen: 0.283 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013048.D
Acq: 14 Oct 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 493

Ion	Ratio	Lower	Upper
180	100		
182	81.7	46.8	140.4
145	27.6	16.2	48.6