Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013687.D
Acq On : 28 Nov 2019 05:51
Operator : JC/SP
Sample : K5965-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Nov 29 00:43:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	676021	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	1052593	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	934878	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	418947	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	379841	48.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.82%				
35) Dibromofluoromethane	5.49	113	313654	48.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.40%				
50) Toluene-d8	8.71	98	1246940	49.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.36%				
62) 4-Bromofluorobenzene	11.14	95	418480	45.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.54%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	2974	0.352	ug/l	#	83
11) Tert butyl alcohol	3.03	59	2236	1.154	ug/l	#	56
12) 1,1-Dichloroethene	2.37	96	1411	0.219	ug/l	#	16
13) Acrolein	2.31	56	183	6.142	ug/l	#	15
15) Acrylonitrile	3.15	53	801	0.200	ug/l	#	79
16) Acetone	2.43	43	6771	1.748	ug/l		97
21) trans-1,2-Dichloroethene	3.16	96	2482	0.354	ug/l	#	75
27) cis-1,2-Dichloroethene	4.59	96	32992	4.099	ug/l		90
36) 1,1-Dichloropropene	5.65	75	46506	4.867	ug/l	#	52
38) Carbon Tetrachloride	5.65	117	58208	6.607	ug/l	#	16
39) Methylcyclohexane	7.46	83	3187	0.270	ug/l	#	75
44) Trichloroethene	7.21	130	21147	2.648	ug/l		86
49) 1,4-Dioxane	7.73	88	169	0.881	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.71	43	6766	0.610	ug/l	#	1
58) 2-Chloroethyl Vinyl ether	8.07	63	1339	0.292	ug/l		96
64) Tetrachloroethene	9.34	164	2179	0.313	ug/l	#	62
67) Ethyl Benzene	10.25	91	10606	0.318	ug/l		97
68) m/p-Xylenes	10.36	106	6596	0.517	ug/l		78
76) 1,2,3-Trichloropropane	11.13	75	206430	21.907	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.45	105	4848	0.201	ug/l		74
81) trans-1,4-Dichloro-2-buten	11.13	75	206430	59.935	ug/l	#	11
84) 1,2,4-Trimethylbenzene	11.81	105	11131	0.455	ug/l		86
85) sec-Butylbenzene	11.94	105	42918	1.535	ug/l		96
86) p-Isopropyltoluene	12.23	119	10976	0.422	ug/l		93
90) Hexachloroethane	12.70	117	1937	0.412	ug/l	#	13
95) Naphthalene	13.83	128	12648	0.446	ug/l	#	82

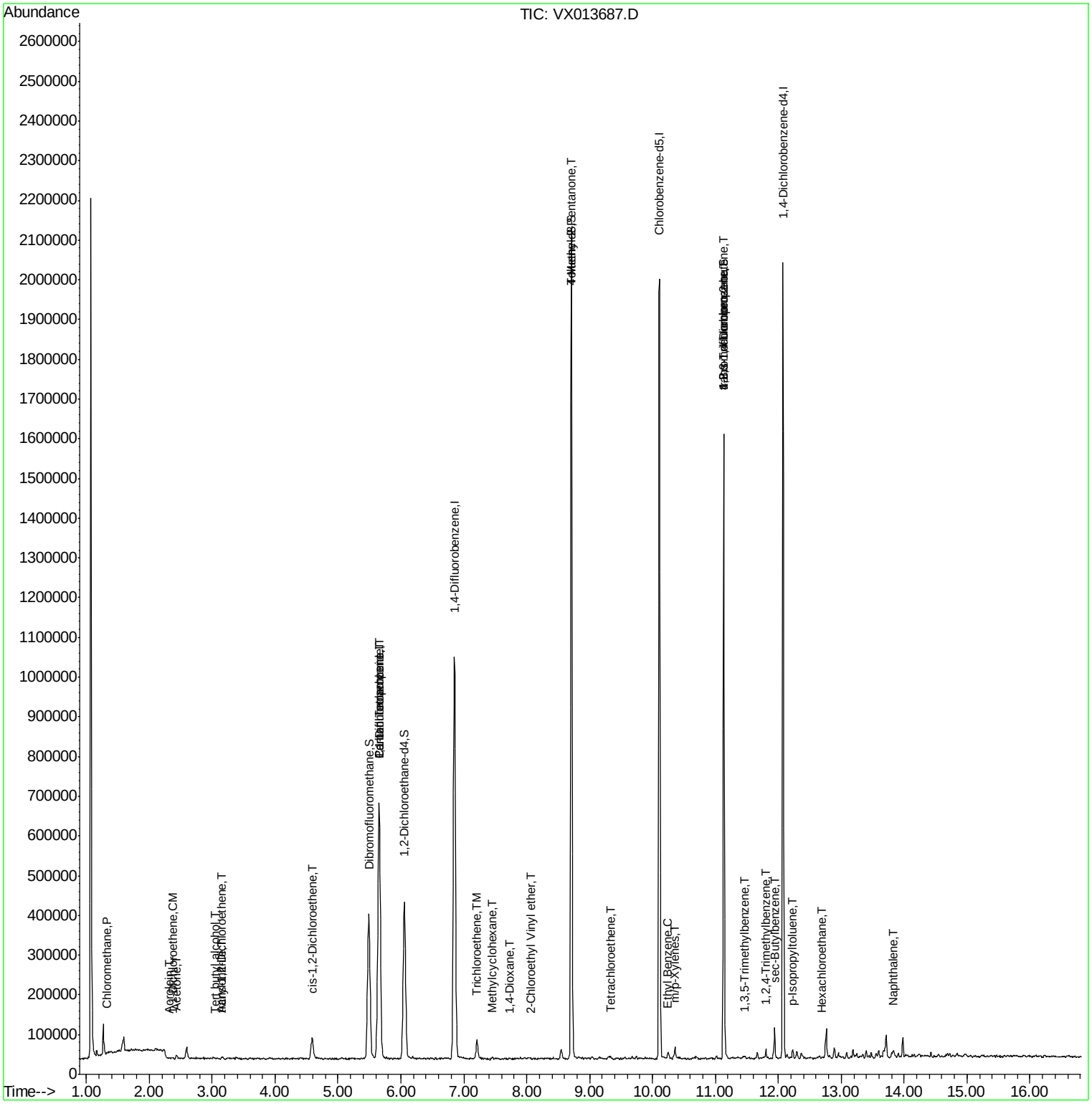
(#) = qualifier out of range (m) = manual integration (+) = signals summed

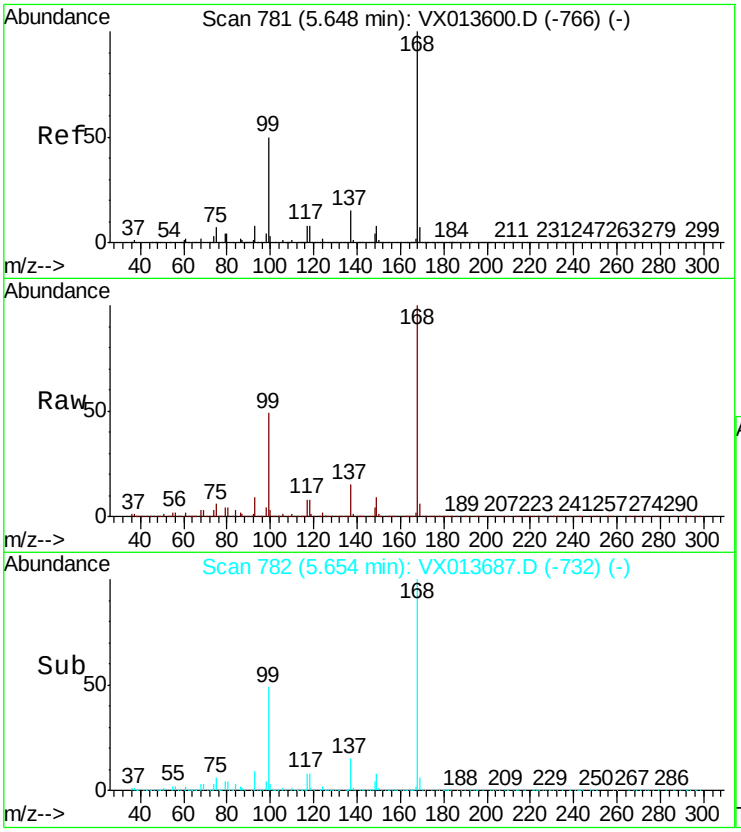
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013687.D
Acq On : 28 Nov 2019 05:51
Operator : JC/SP
Sample : K5965-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 29 00:43:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration



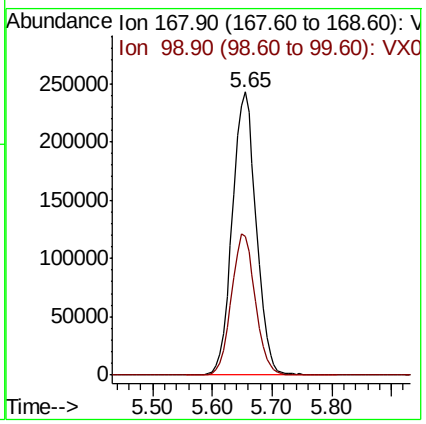


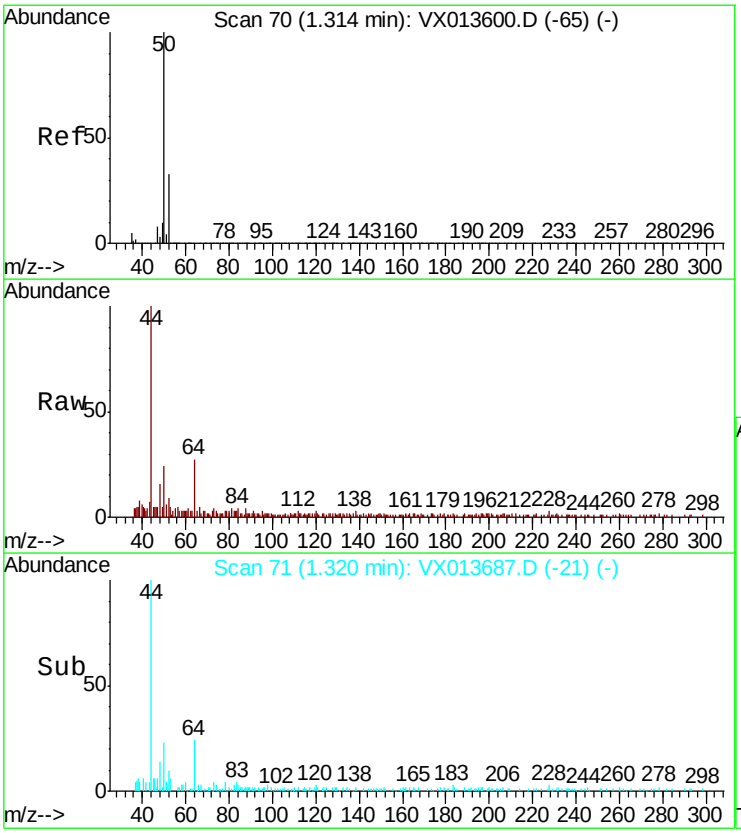
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 676021

Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.8	59.8

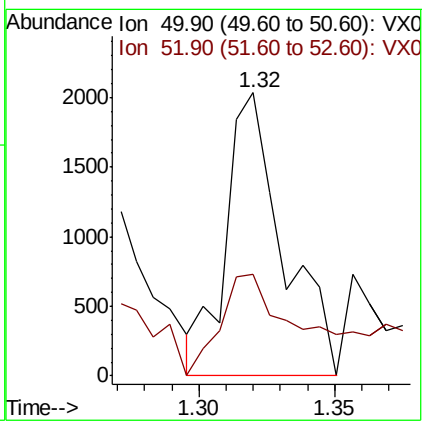


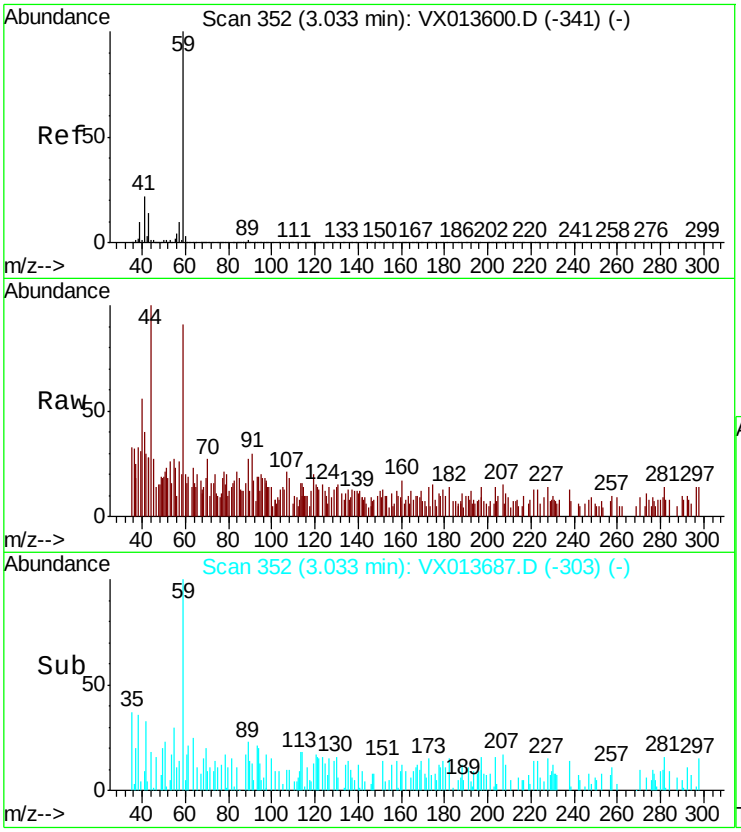


#3
Chloromethane
Concen: 0.352 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion: 50 Resp: 2974

Ion	Ratio	Lower	Upper
50	100		
52	42.0	26.0	39.0#



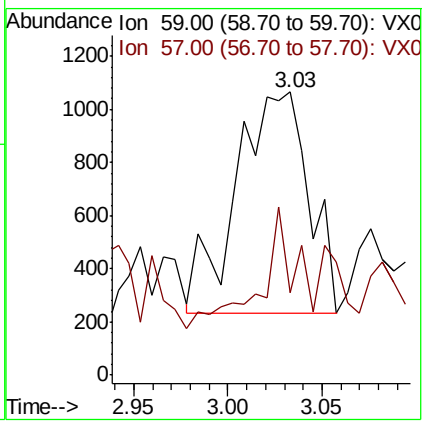


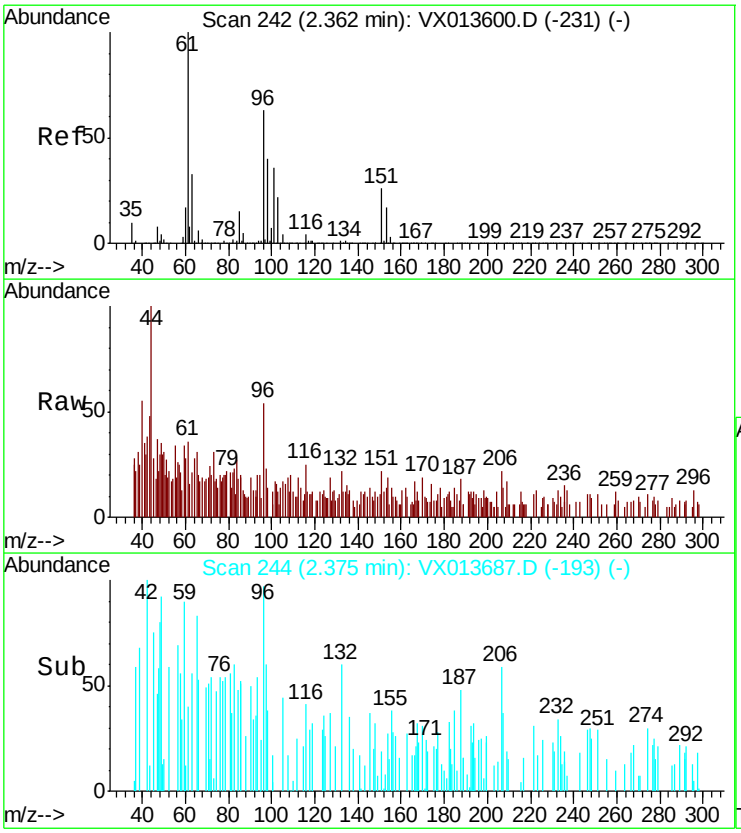
#11
Tert butyl alcohol
Concen: 1.154 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 2236

Ion	Ratio	Lower	Upper
59	100		
57	25.8	7.8	11.6#

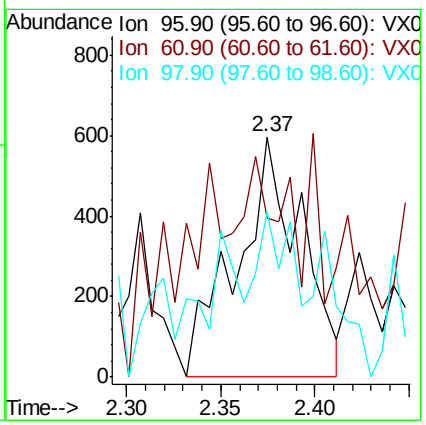


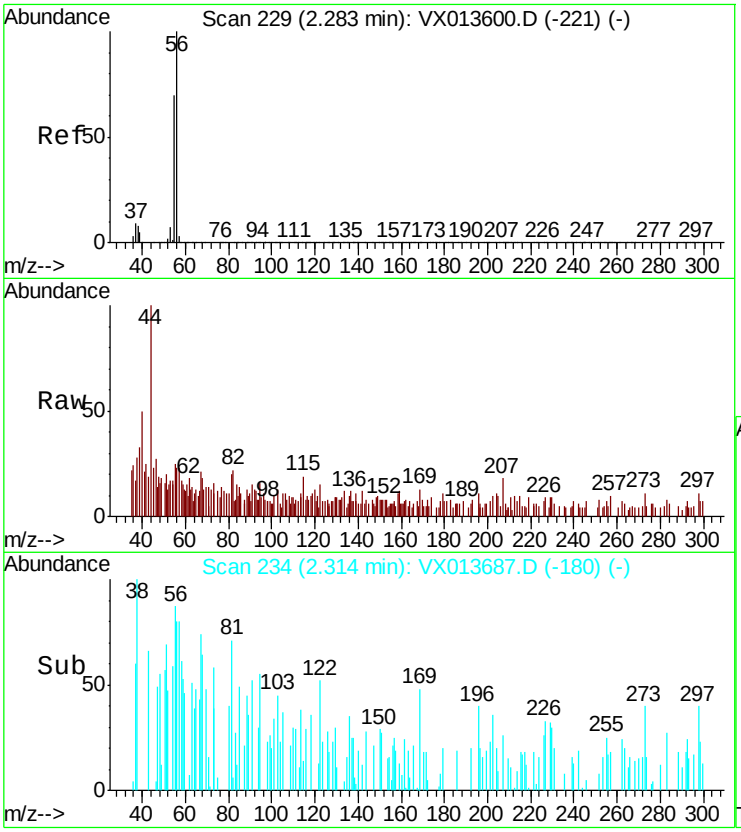


#12
1,1-Dichloroethene
Concen: 0.219 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion: 96 Resp: 1411

Ion	Ratio	Lower	Upper
96	100		
61	21.0	126.6	190.0#
98	39.3	50.6	76.0#



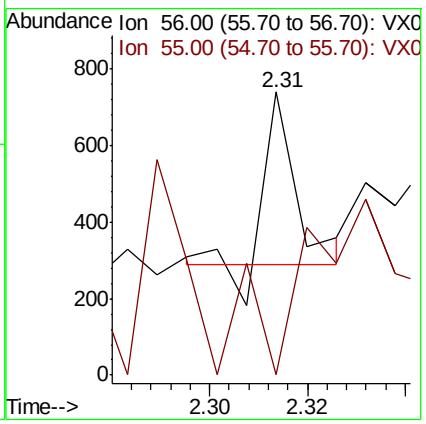


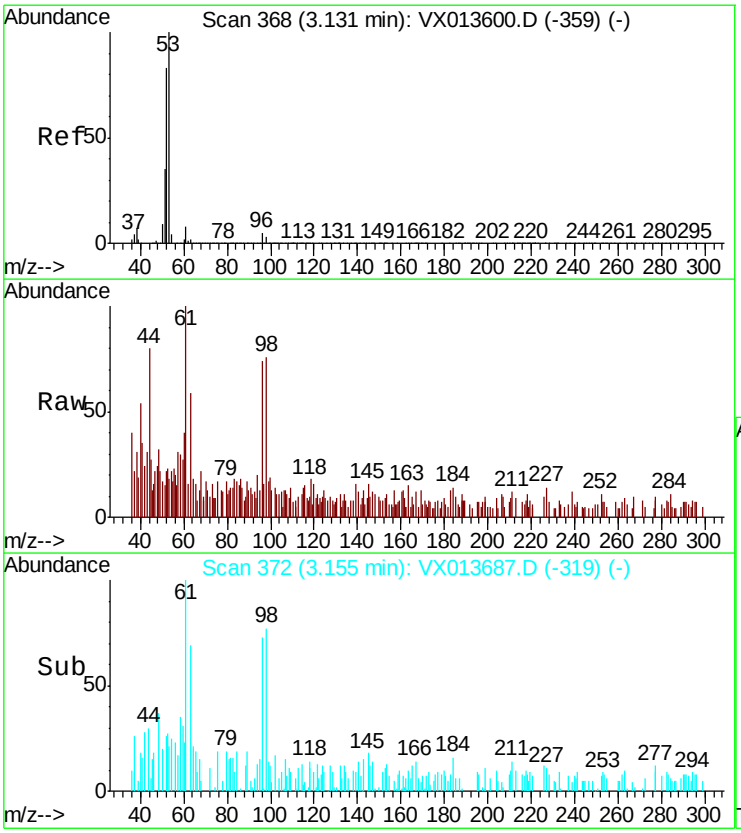
#13
Acrolein
Concen: 6.142 ug/l
RT: 2.31 min Scan# 234
Delta R.T. 0.03 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 183

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.4#

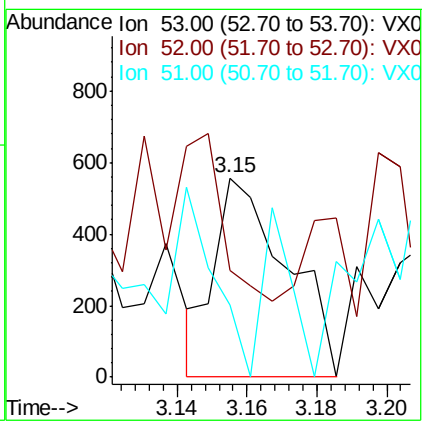


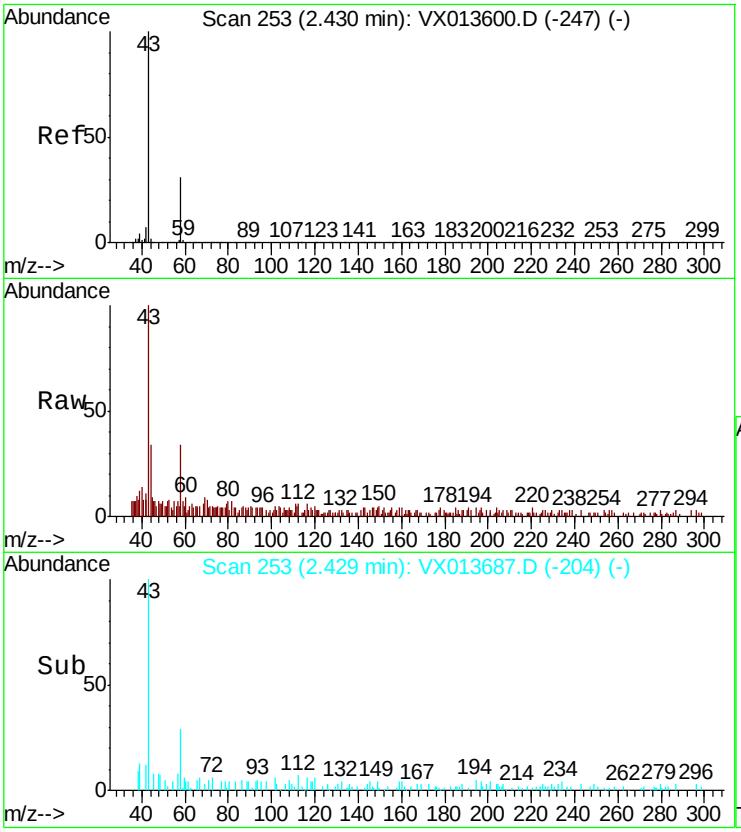


#15
Acrylonitrile
Concen: 0.200 ug/l
RT: 3.15 min Scan# 372
Delta R.T. 0.02 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion: 53 Resp: 801

Ion	Ratio	Lower	Upper
53	100		
52	102.9	66.2	99.2#
51	47.4	29.0	43.6#



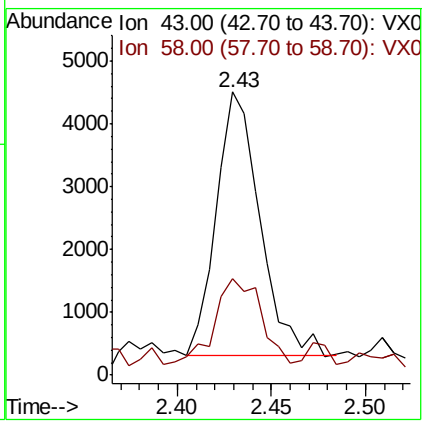


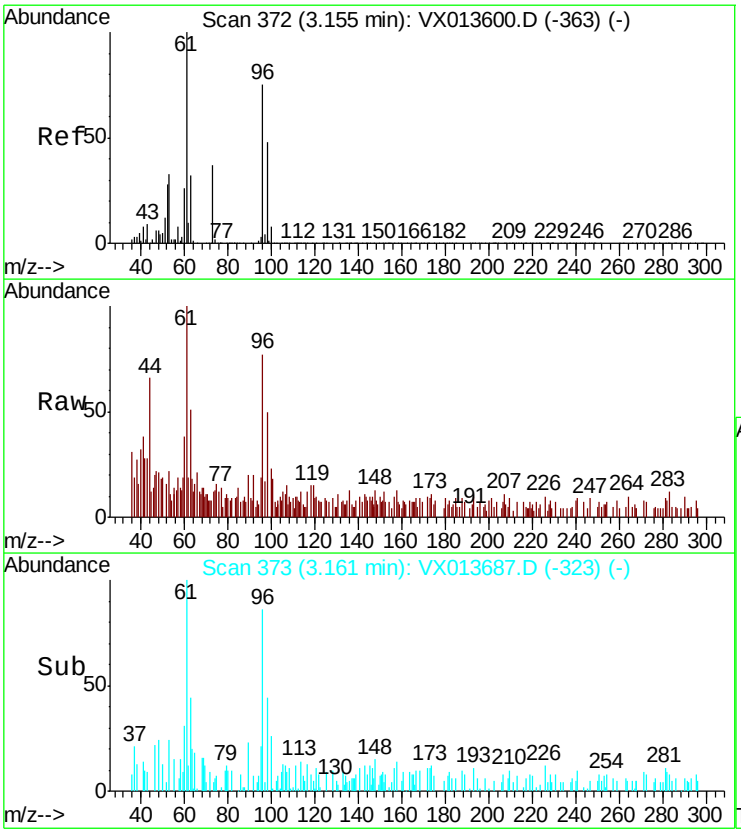
#16
Acetone
Concen: 1.748 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 6771

Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.6	36.8

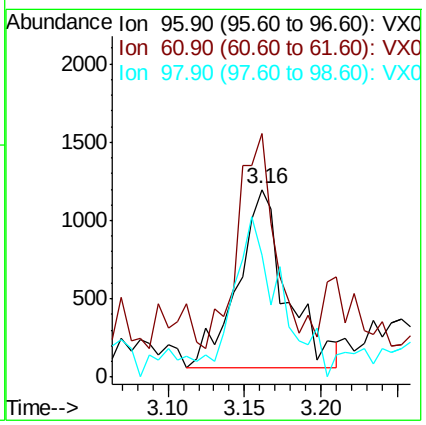


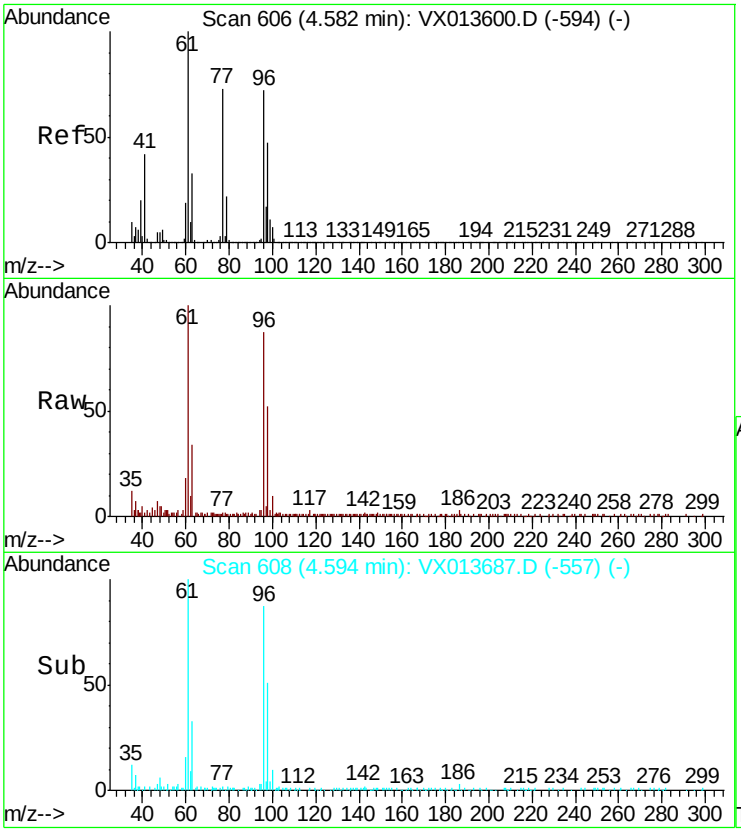


#21
trans-1,2-Dichloroethene
Concen: 0.354 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion: 96 Resp: 2482

Ion	Ratio	Lower	Upper
96	100		
61	95.3	107.2	160.8#
98	56.6	51.4	77.0



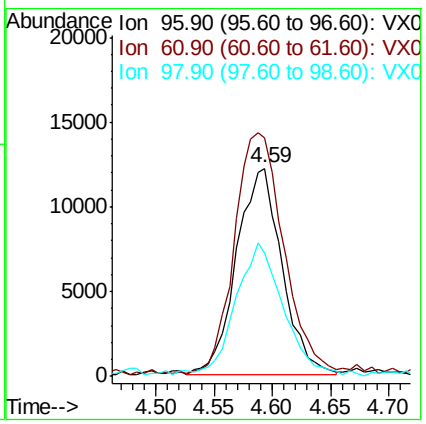


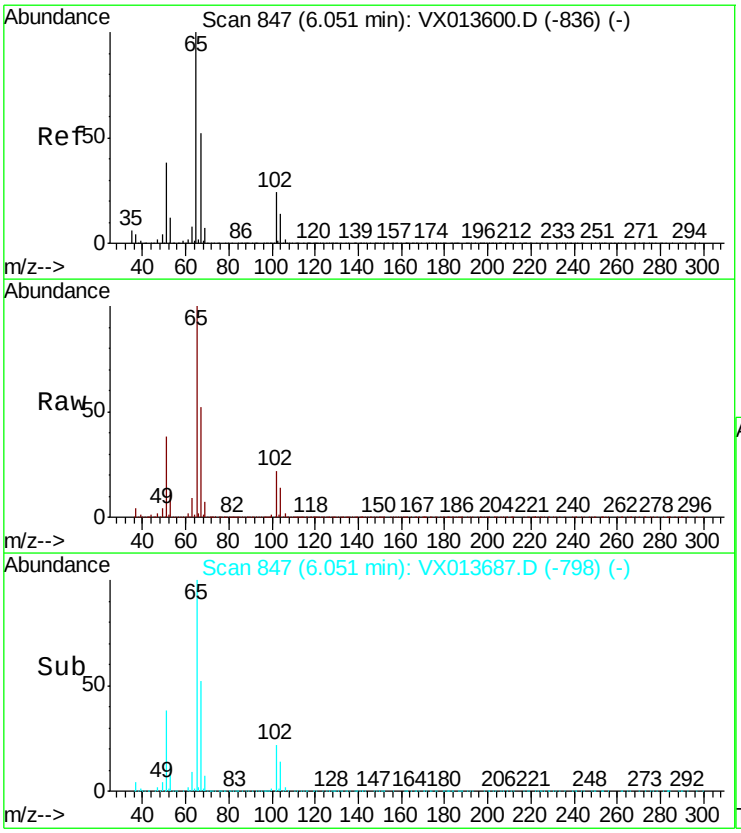
#27
cis-1,2-Dichloroethene
Concen: 4.099 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 32992

Ion	Ratio	Lower	Upper
96	100		
61	127.4	0.0	286.4
98	66.9	0.0	127.4

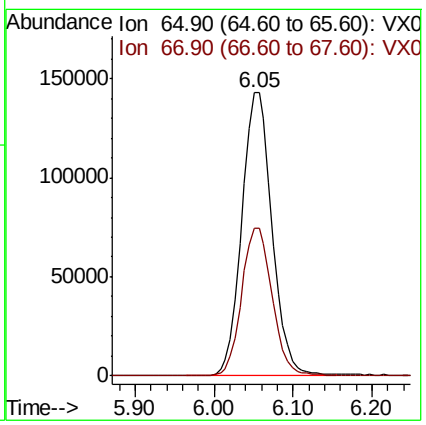


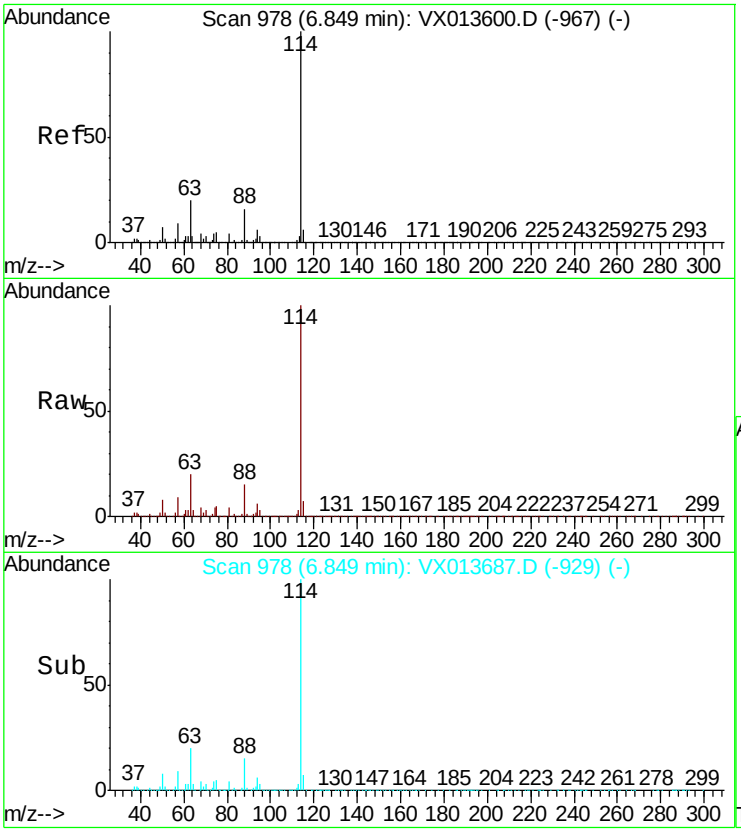


#33
1,2-Dichloroethane-d4
Concen: 48.405 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion: 65 Resp: 379841

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.4



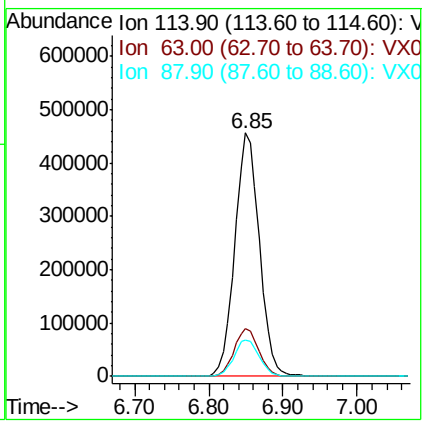


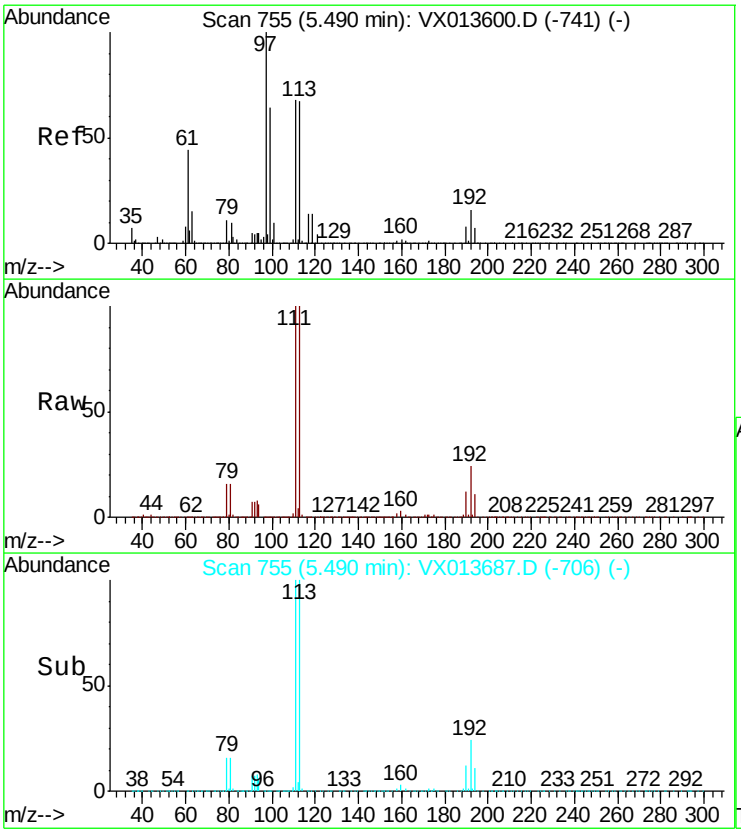
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 1052593

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.6
88	15.1	0.0	31.4

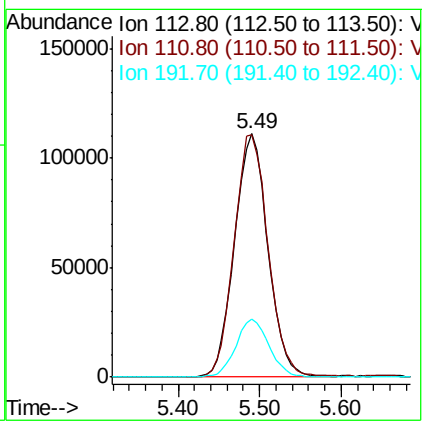


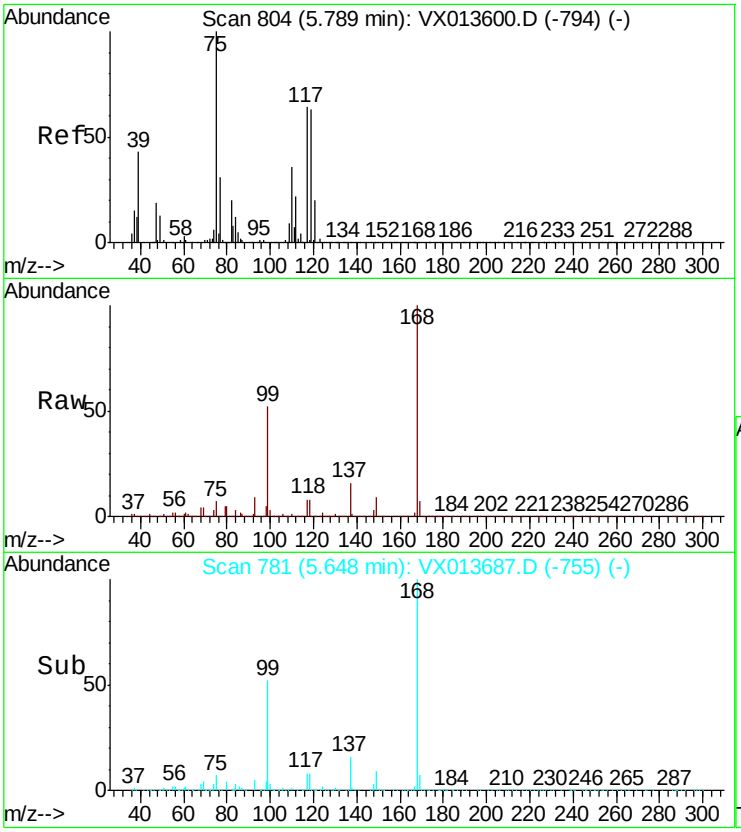


#35
Dibromofluoromethane
Concen: 48.201 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion:113 Resp: 313654

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.6	125.4
192	24.1	19.2	28.8



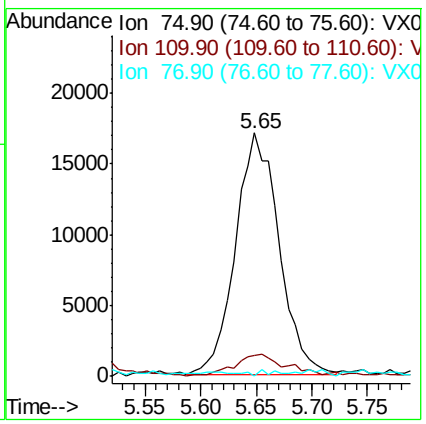


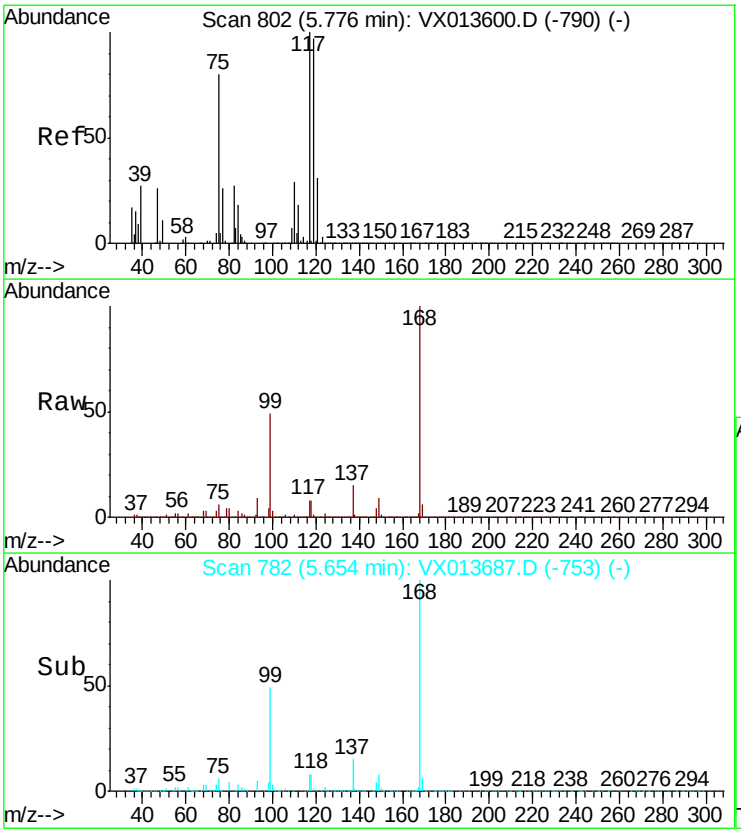
#36
1,1-Dichloropropene
Concen: 4.867 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 46506

Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.1	54.1#
77	0.5	24.5	36.7#

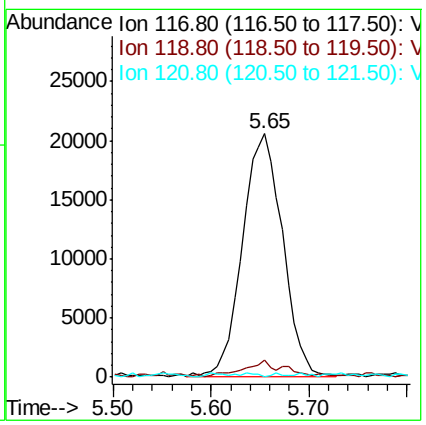


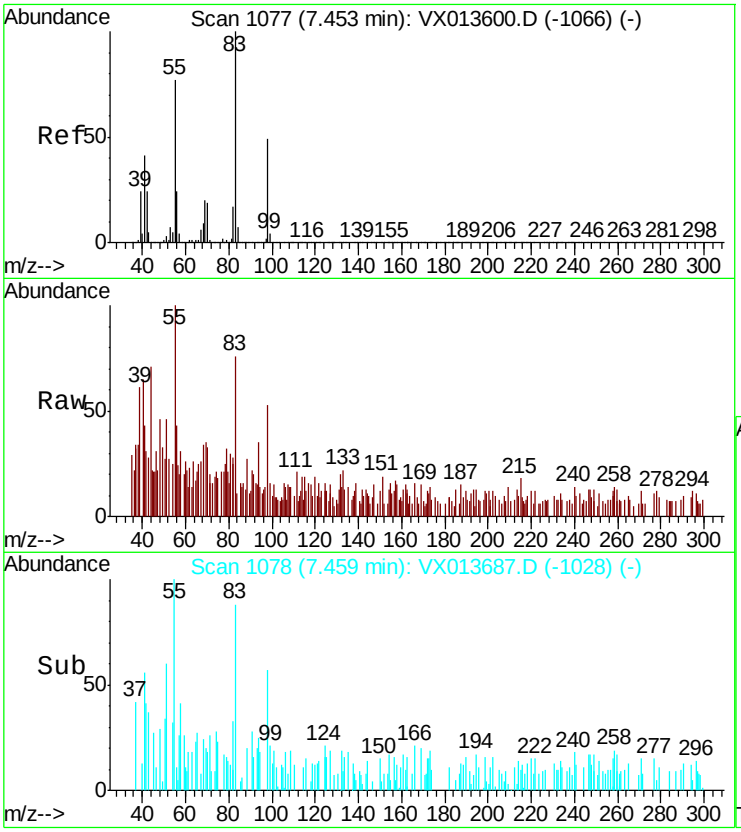


#38
Carbon Tetrachloride
Concen: 6.607 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion:117 Resp: 58208

Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.5	116.3#
121	0.0	25.0	37.6#



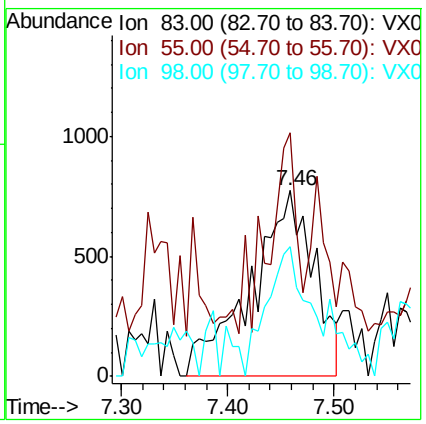


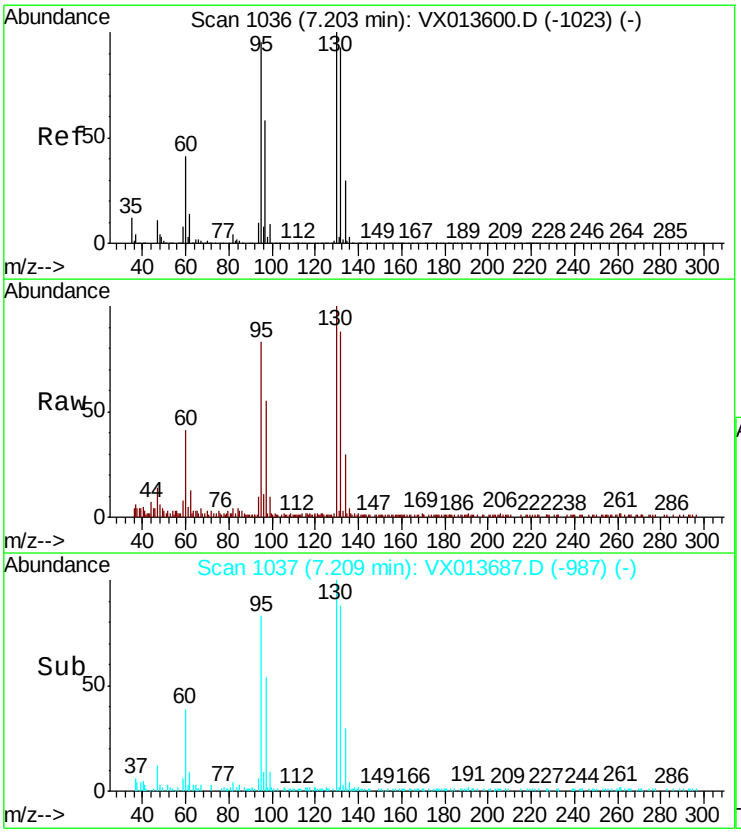
#39
Methylcyclohexane
Concen: 0.270 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 3187

Ion	Ratio	Lower	Upper
83	100		
55	109.3	61.9	92.9#
98	45.3	39.4	59.0

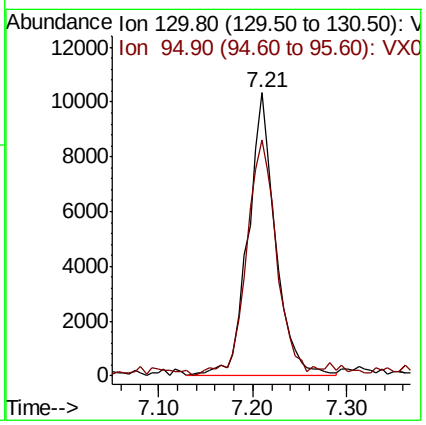


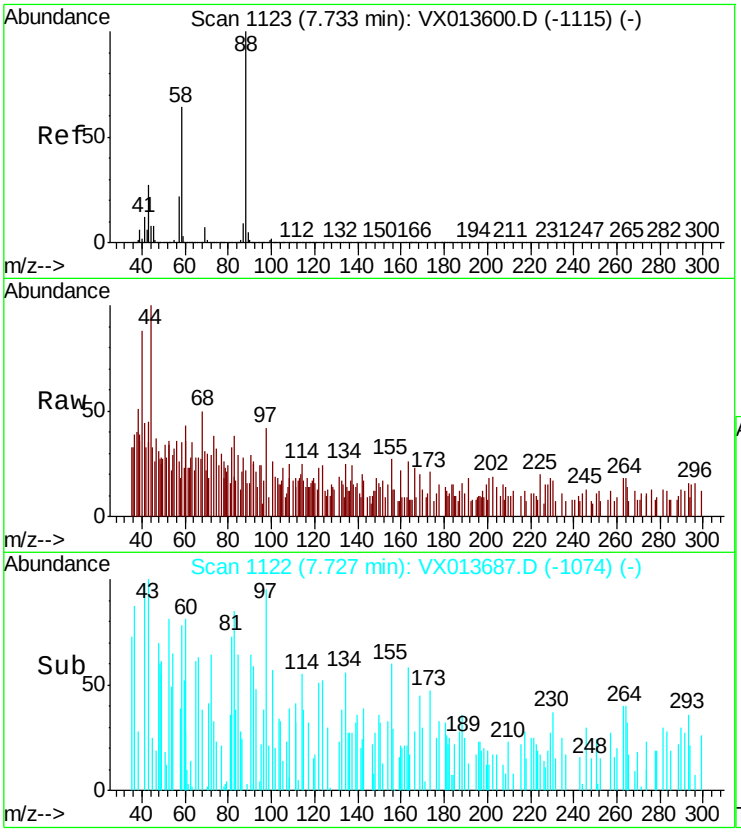


#44
Trichloroethene
Concen: 2.648 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion:130 Resp: 21147

Ion	Ratio	Lower	Upper
130	100		
95	82.1	0.0	190.8



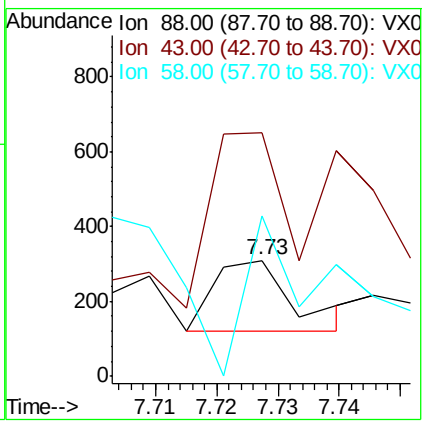


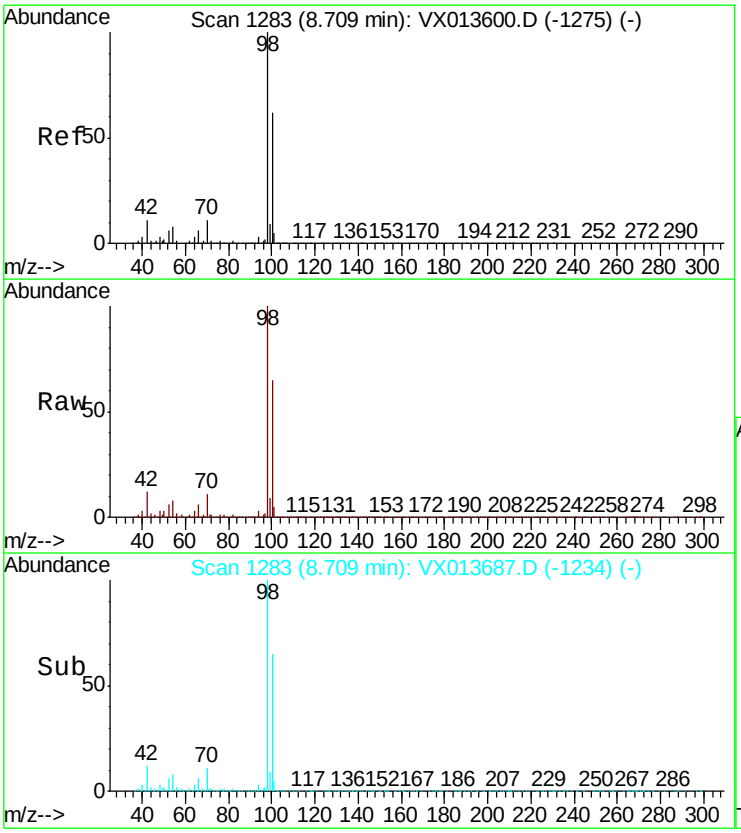
#49
1,4-Dioxane
Concen: 0.881 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 169

Ion	Ratio	Lower	Upper
88	100		
43	502.4	25.8	38.6#
58	281.7	54.6	82.0#

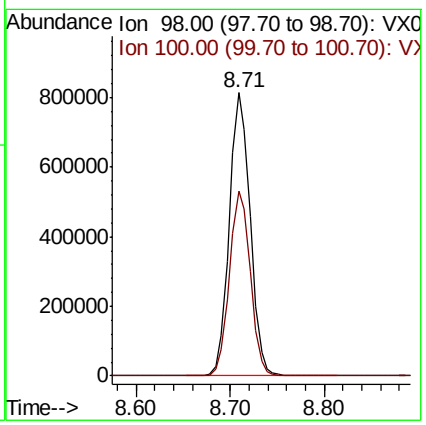


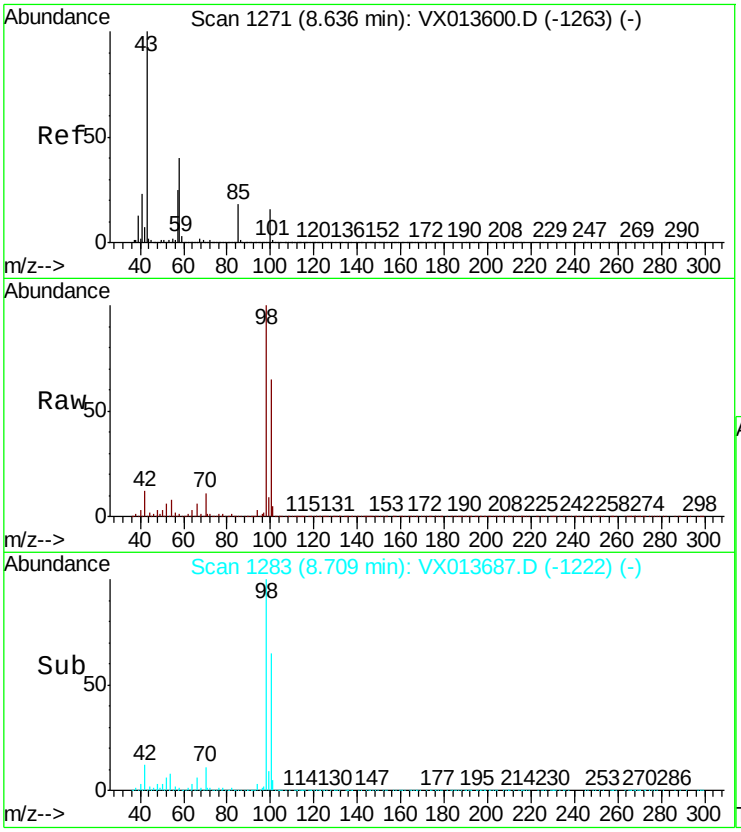


#50
Toluene-d8
Concen: 49.183 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion: 98 Resp: 1246940

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7



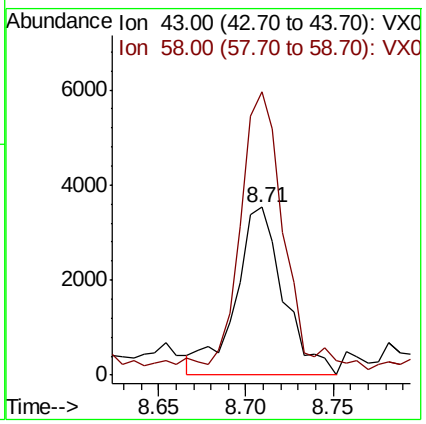


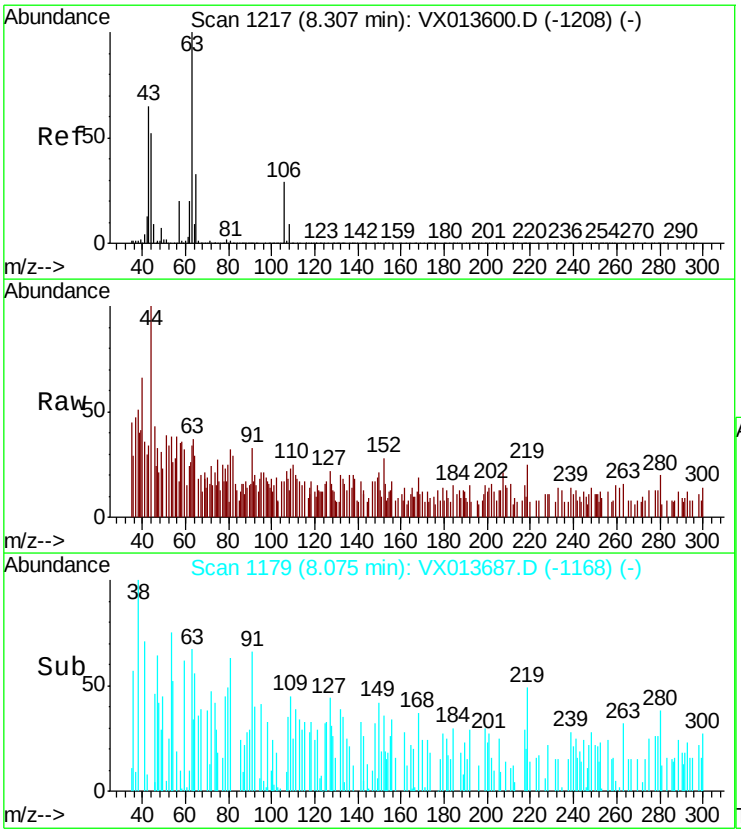
#51
4-Methyl-2-Pentanone
Concen: 0.610 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.07 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 6766

Ion	Ratio	Lower	Upper
43	100		
58	151.8	32.1	48.1#

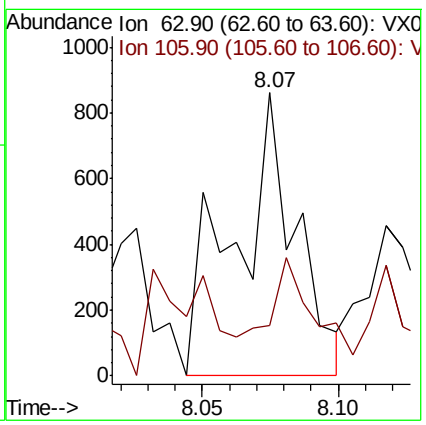


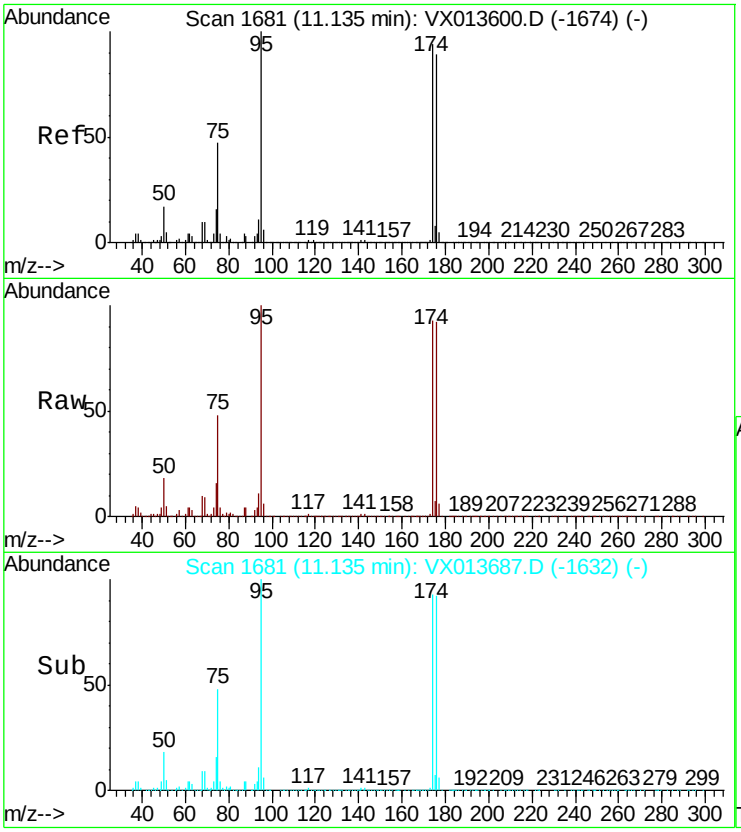


#58
2-Chloroethyl Vinyl ether
Concen: 0.292 ug/l
RT: 8.07 min Scan# 1179
Delta R.T. -0.23 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion: 63 Resp: 1339

Ion	Ratio	Lower	Upper
63	100		
106	31.3	23.4	35.0



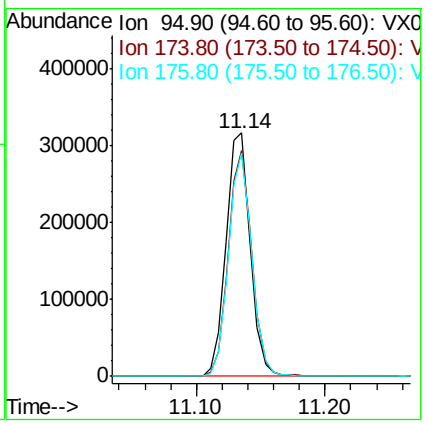


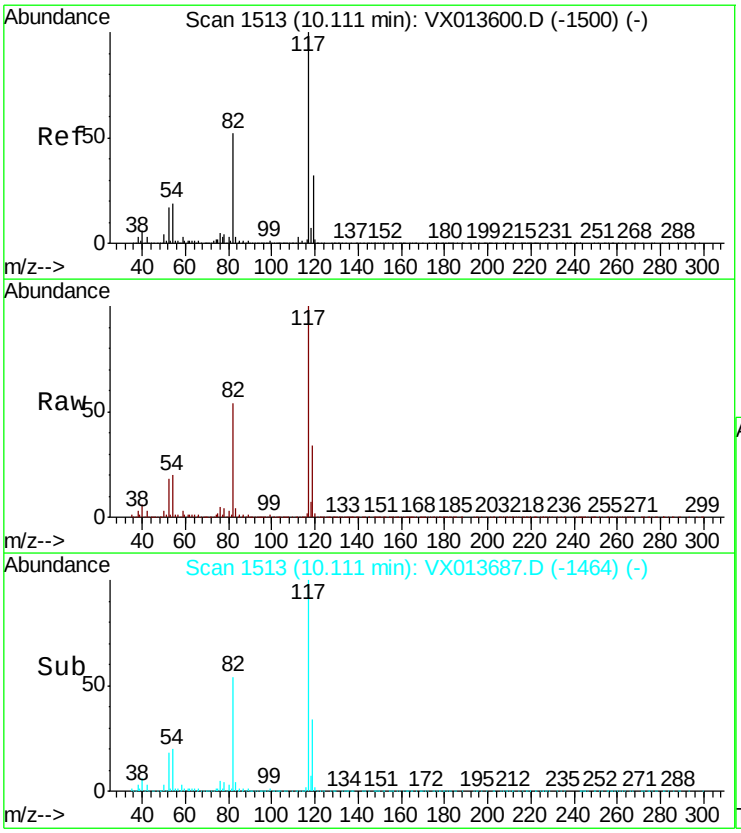
#62
4-Bromofluorobenzene
Concen: 45.774 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 418480

Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	180.0
176	88.5	0.0	173.6

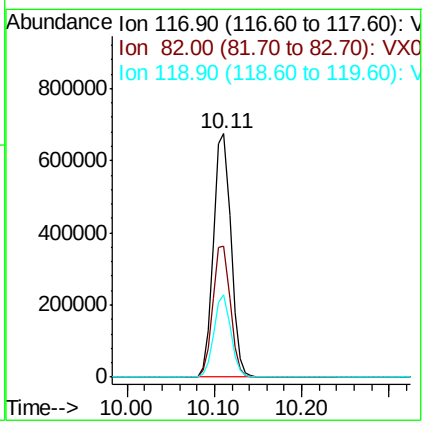


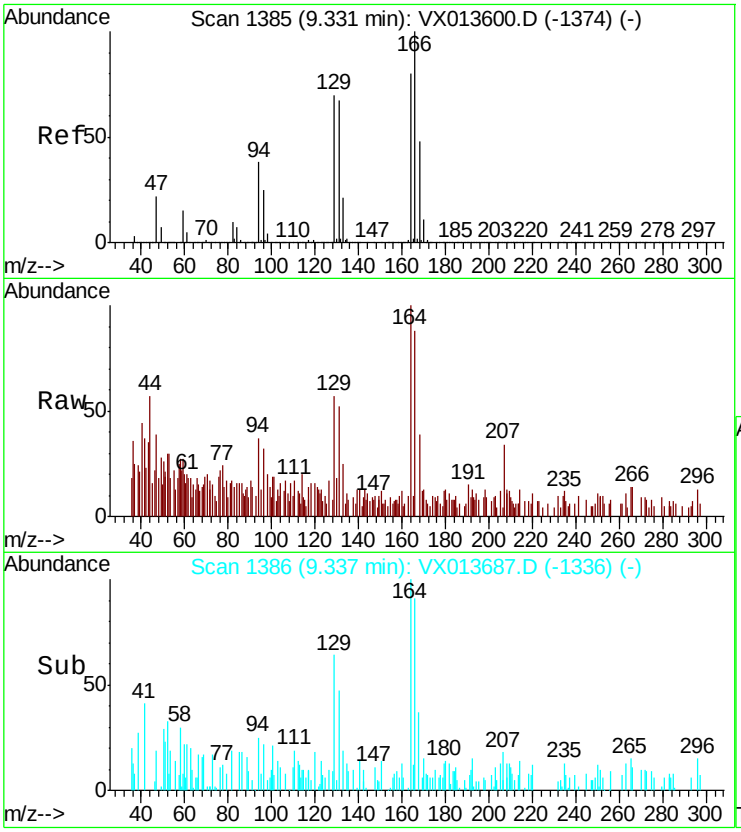


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion:117 Resp: 934878

Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.8	62.8
119	34.0	25.8	38.8



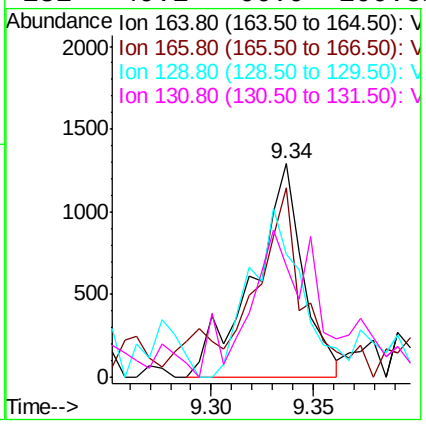


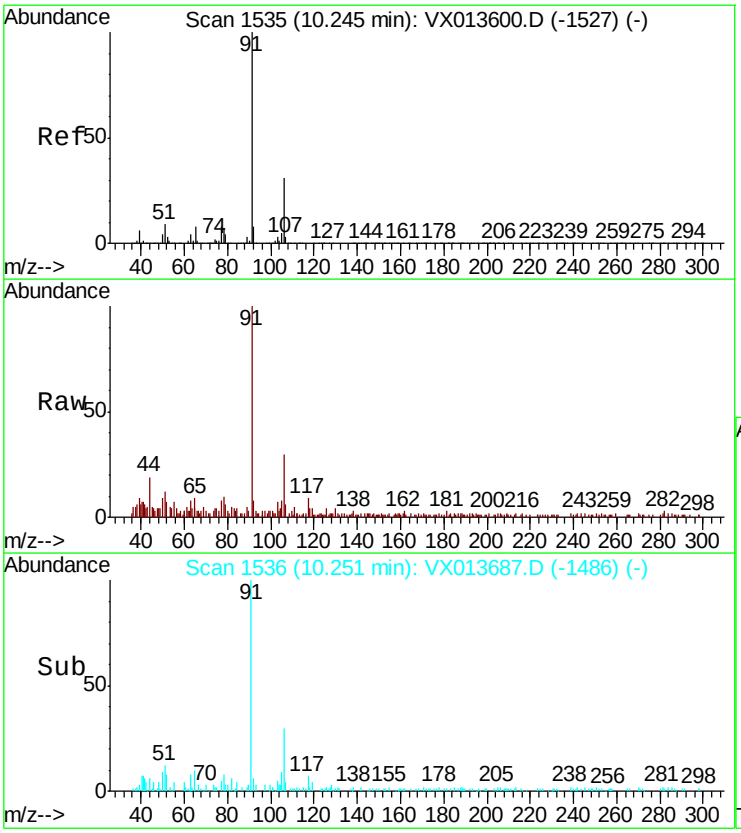
#64
Tetrachloroethene
Concen: 0.313 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:164 Resp: 2179

Ion	Ratio	Lower	Upper
164	100		
166	82.2	99.7	149.5#
129	50.6	70.1	105.1#
131	49.1	66.9	100.3#

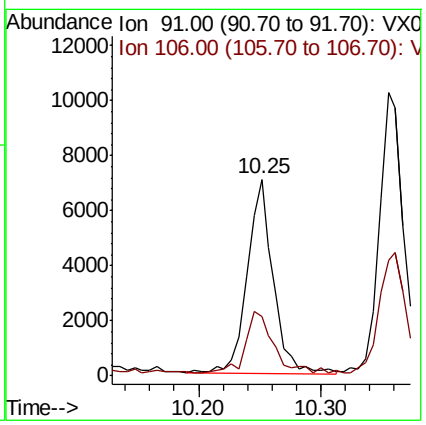


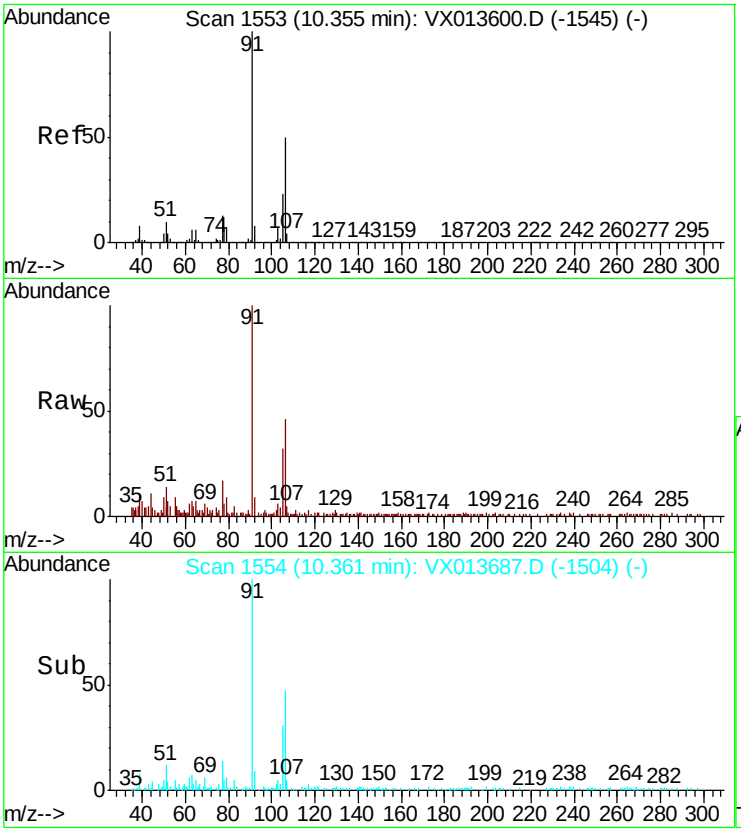


#67
Ethyl Benzene
Concen: 0.318 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion: 91 Resp: 10606

Ion	Ratio	Lower	Upper
91	100		
106	28.8	24.5	36.7



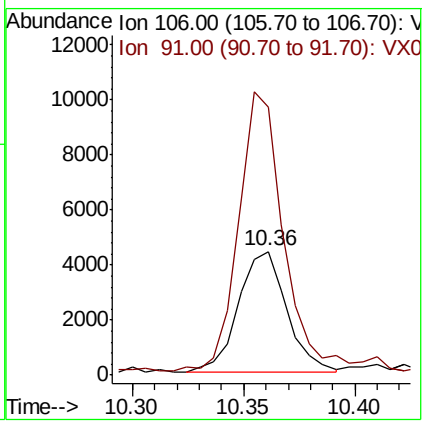


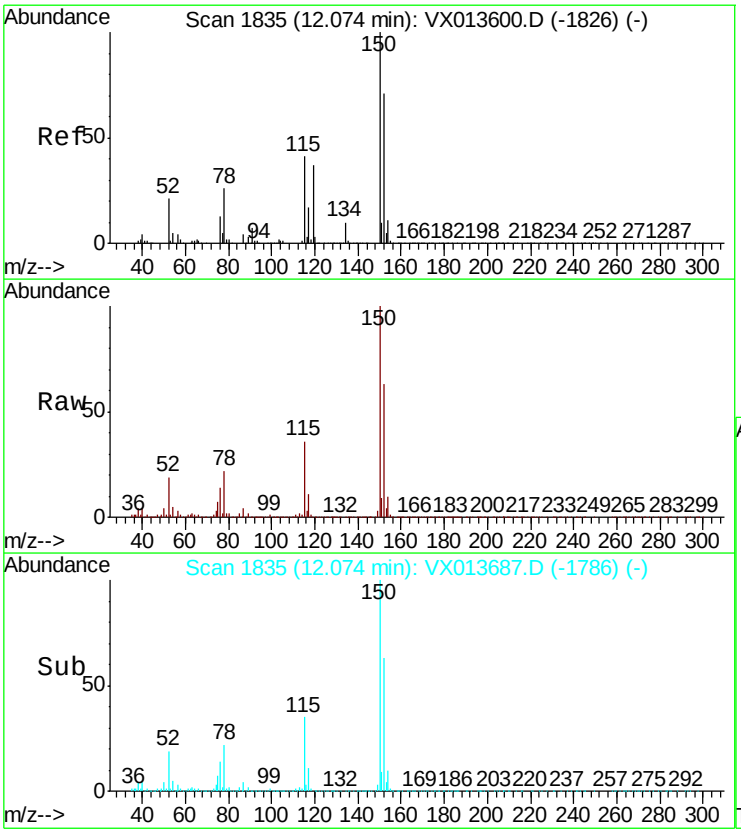
#68
m/p-Xylenes
Concen: 0.517 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 6596

Ion	Ratio	Lower	Upper
106	100		
91	231.9	159.0	238.4

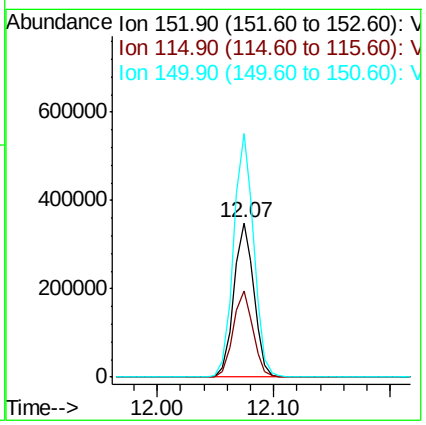


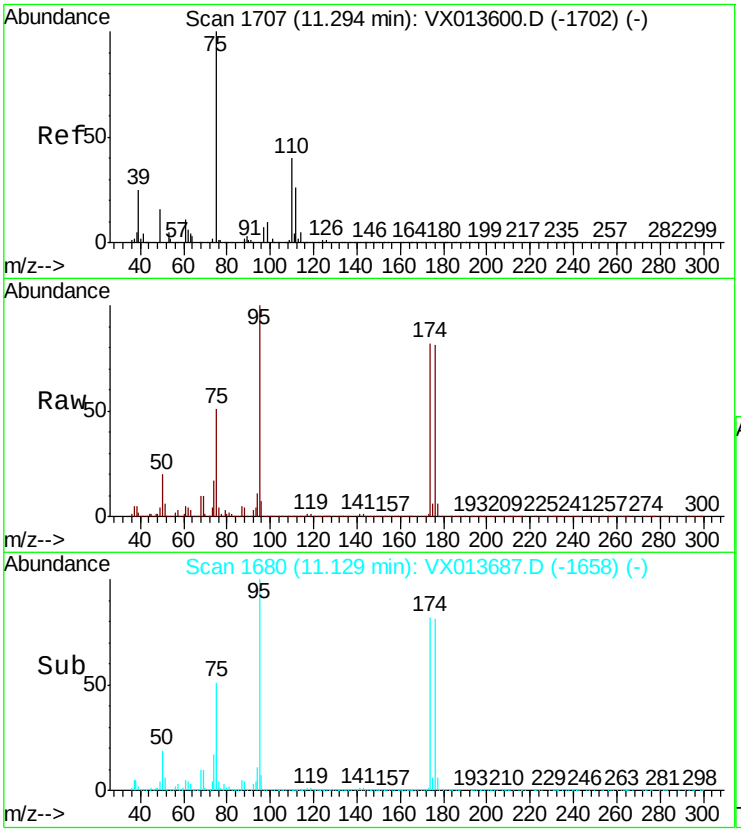


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion:152 Resp: 418947

Ion	Ratio	Lower	Upper
152	100		
115	55.7	38.4	115.1
150	157.9	0.0	346.8



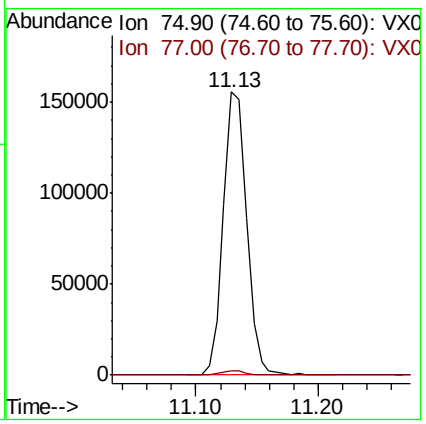


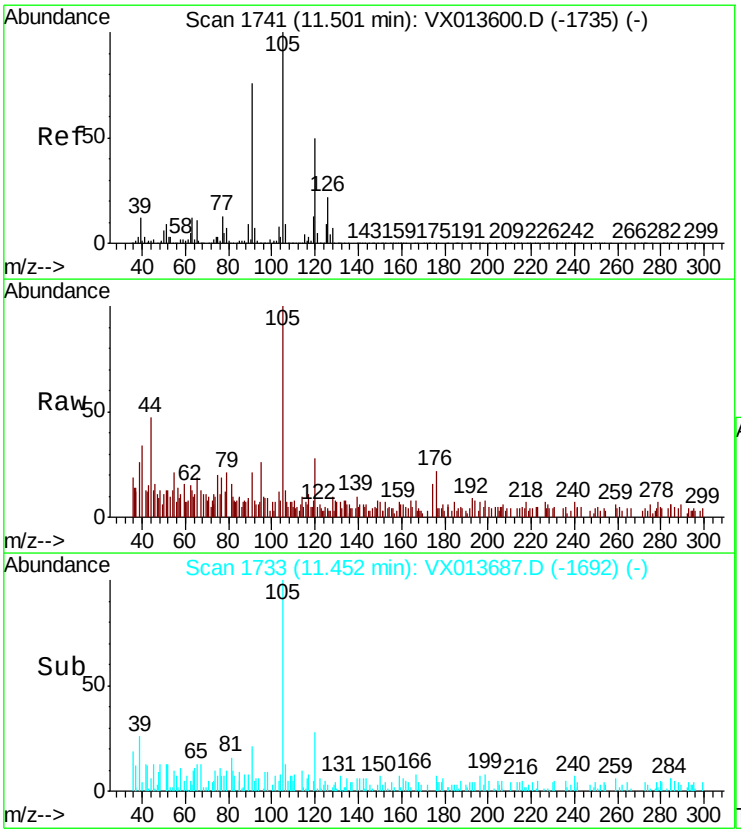
#76
1,2,3-Trichloropropane
Concen: 21.907 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 206430

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#

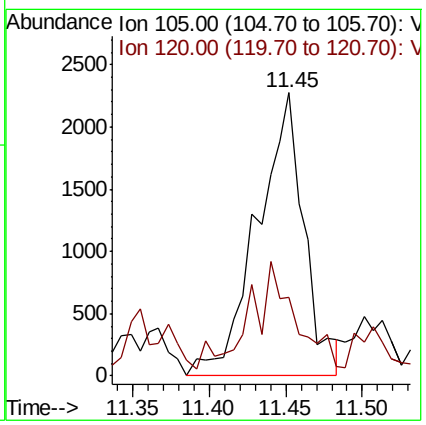


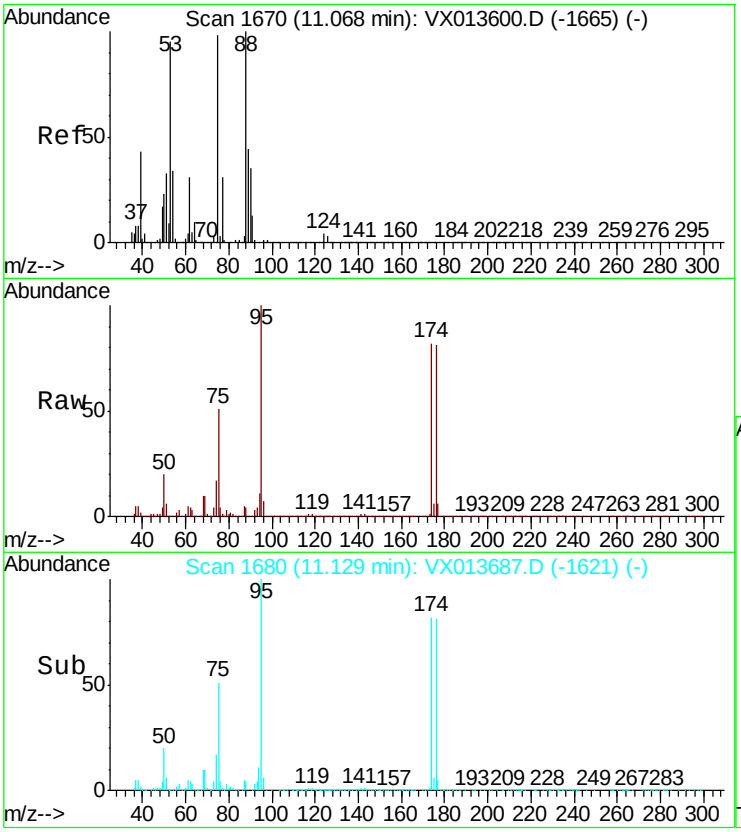


#80
1,3,5-Trimethylbenzene
Concen: 0.201 ug/l
RT: 11.45 min Scan# 1733
Delta R.T. -0.05 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion:105 Resp: 4848

Ion	Ratio	Lower	Upper
105	100		
120	32.6	25.3	75.9



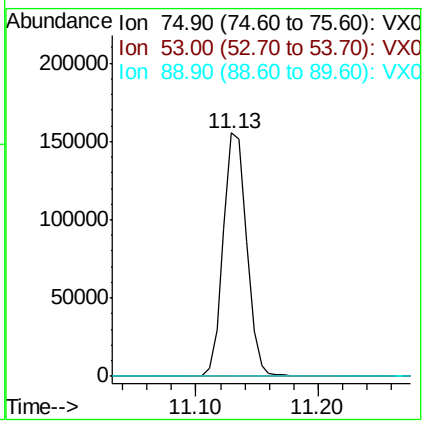


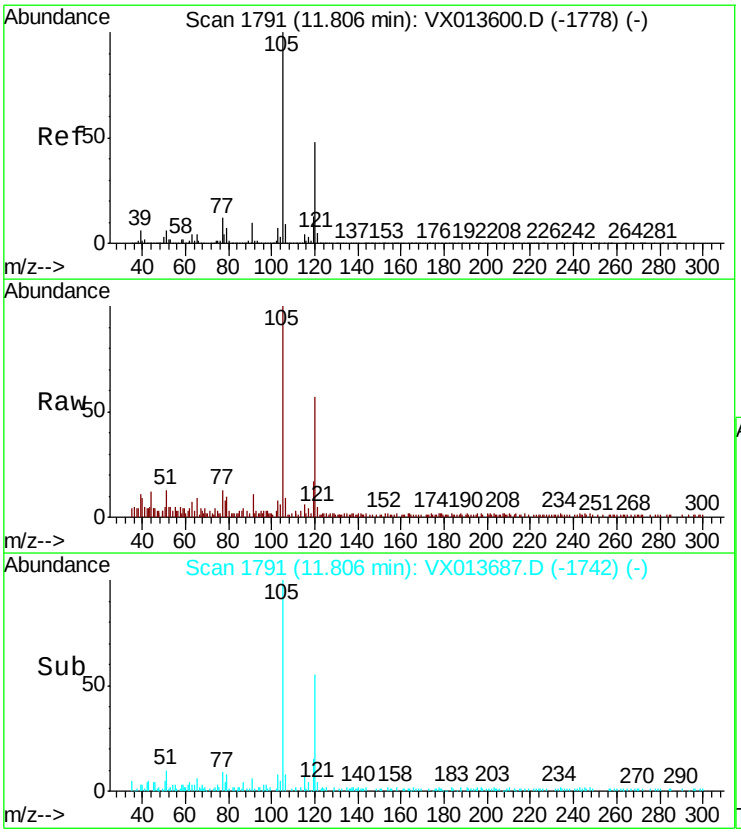
#81
trans-1,4-Dichloro-2-butene
Concen: 59.935 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 206430

Ion	Ratio	Lower	Upper
75	100		
53	0.3	78.2	117.2#
89	0.1	35.4	53.2#

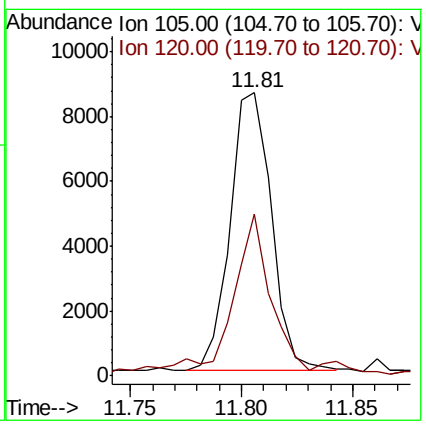


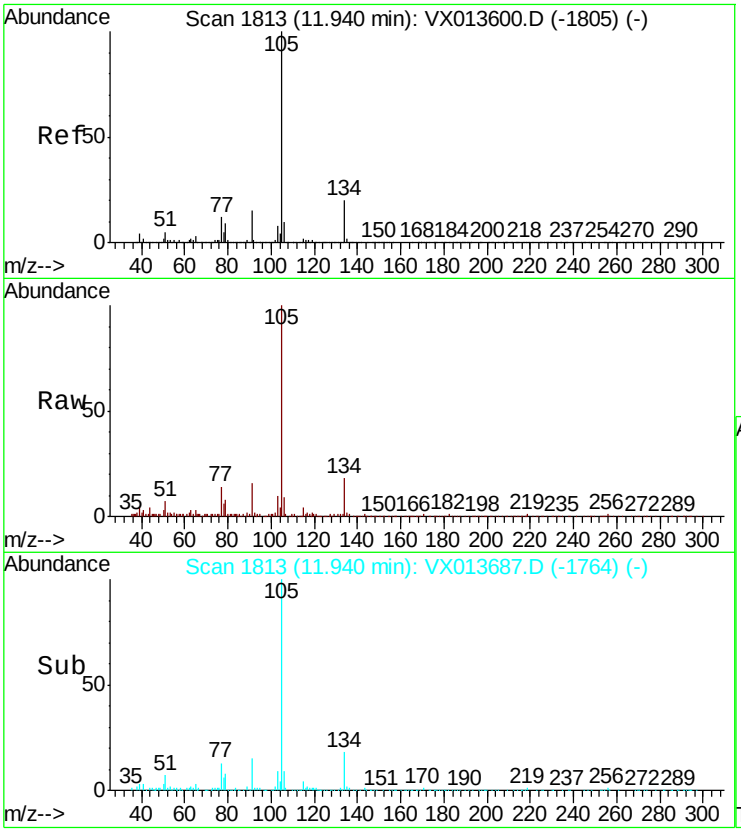


#84
1,2,4-Trimethylbenzene
Concen: 0.455 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion:105 Resp: 11131

Ion	Ratio	Lower	Upper
105	100		
120	55.2	23.1	69.3



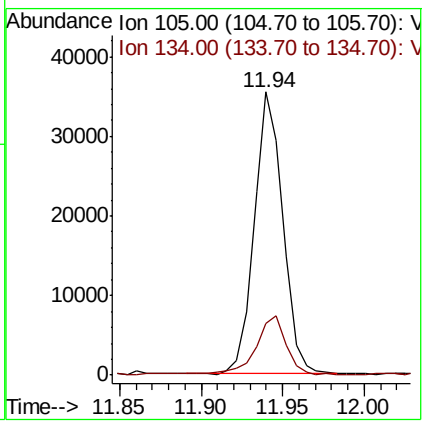


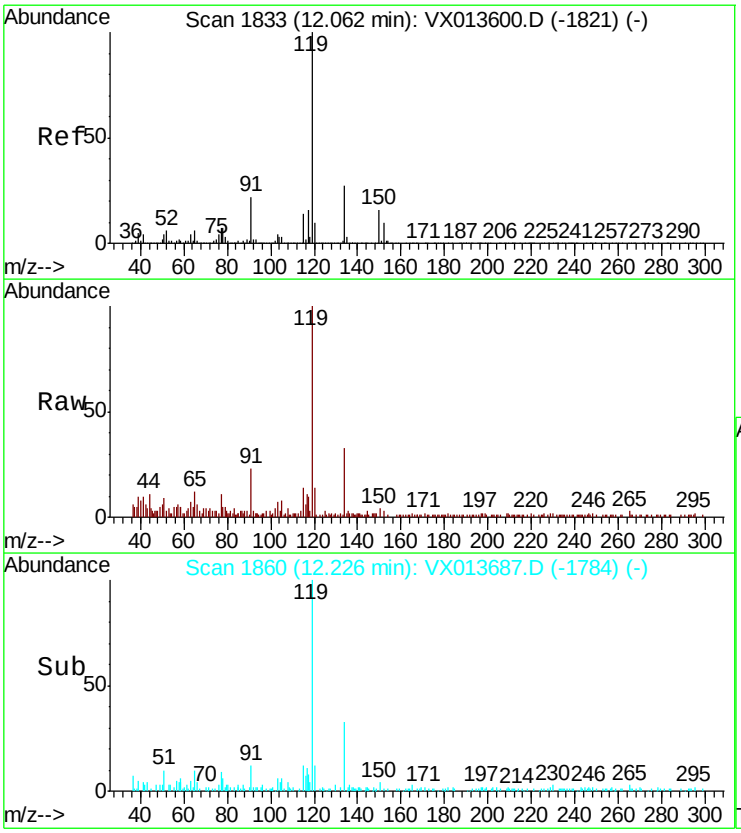
#85
sec-Butylbenzene
Concen: 1.535 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 42918

Ion	Ratio	Lower	Upper
105	100		
134	22.8	10.4	31.2

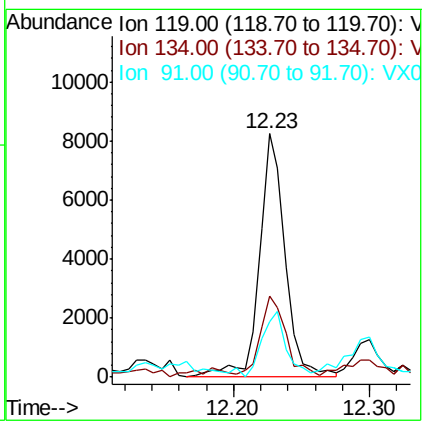


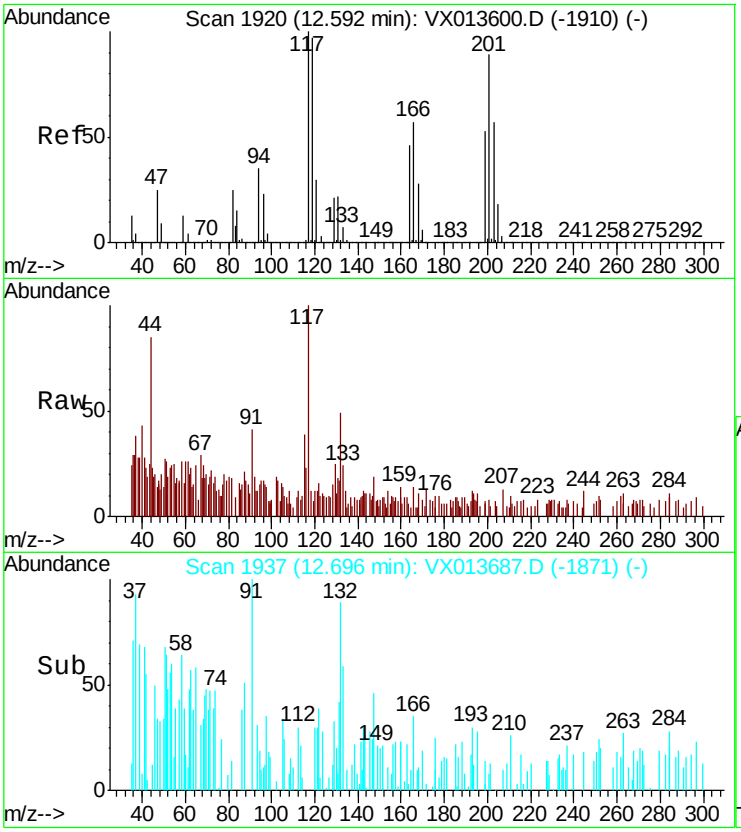


#86
p-Isopropyltoluene
Concen: 0.422 ug/l
RT: 12.23 min Scan# 1860
Delta R.T. 0.16 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion:119 Resp: 10976

Ion	Ratio	Lower	Upper
119	100		
134	30.9	13.3	39.9
91	25.1	11.3	33.8



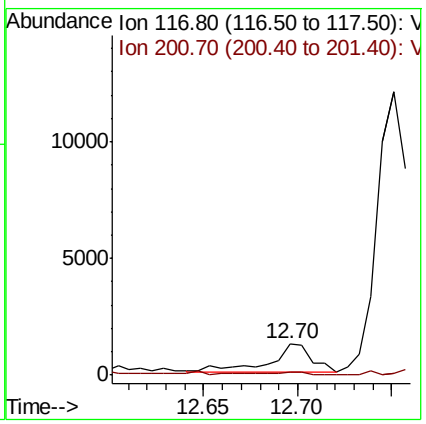


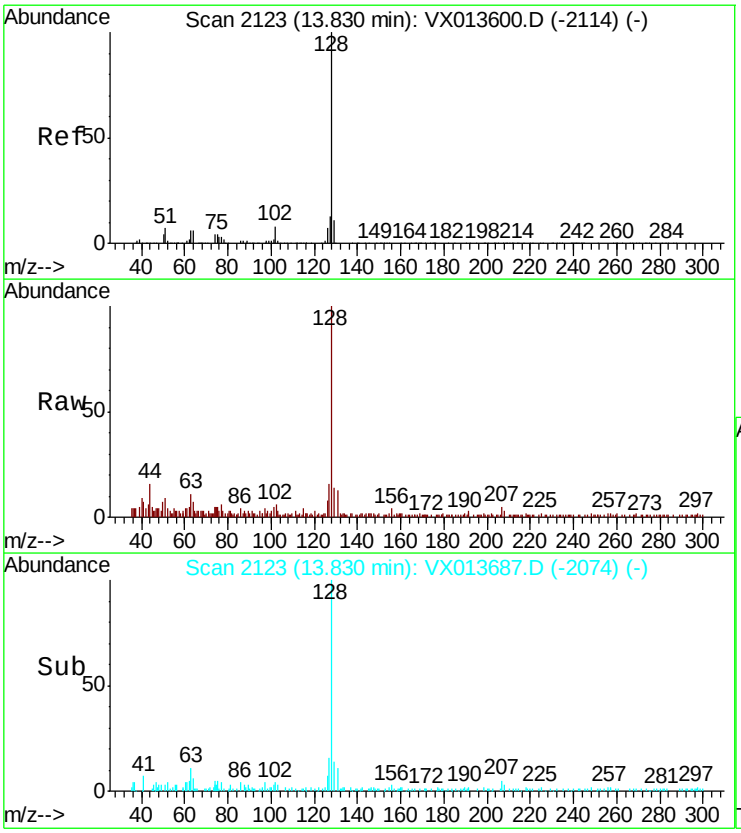
#90
Hexachloroethane
Concen: 0.412 ug/l
RT: 12.70 min Scan# 1937
Delta R.T. 0.10 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 1937

Ion	Ratio	Lower	Upper
117	100		
201	6.8	44.1	132.4#





#95
Naphthalene
Concen: 0.446 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion:128 Resp: 12648

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.3	15.5
129	23.3	8.7	13.1#