Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012920\
Data File : VX014760.D
Acq On : 29 Jan 2020 10:55
Operator : JC/SP
Sample : VX0129WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 29 22:45:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	435436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	693030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	631525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	279217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	257446	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.26%			
35) Dibromofluoromethane	5.48	113	214564	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.14%			
50) Toluene-d8	8.71	98	825825	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.24%			
62) 4-Bromofluorobenzene	11.13	95	278007	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	503	0.616	ug/l	84
3) Chloromethane	1.32	50	1268	0.215	ug/l	93
6) Chloroethane	1.70	64	209	Below Cal	#	43
10) Methyl Iodide	2.51	142	1821	0.319	ug/l #	88
11) Tert butyl alcohol	3.00	59	288	0.252	ug/l #	1
13) Acrolein	2.29	56	477	0.530	ug/l #	1
16) Acetone	2.43	43	6868	2.613	ug/l #	78
17) Carbon Disulfide	2.56	76	3078	0.260	ug/l #	72
20) Methylene Chloride	2.84	84	1582	0.307	ug/l #	88
25) 2-Butanone	4.66	43	804	0.201	ug/l #	63
28) Bromochloromethane	5.00	49	1111	0.301	ug/l #	91
36) 1,1-Dichloropropene	5.65	75	29646	4.604	ug/l #	53
38) Carbon Tetrachloride	5.65	117	37951	6.171	ug/l #	16
41) Methacrylonitrile	5.01	41	170	Below Cal	#	1
49) 1,4-Dioxane	7.73	88	159	1.300	ug/l #	1
56) Ethyl methacrylate	9.17	69	324	1.821	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	133499	20.550	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	133499	58.483	ug/l #	11
94) Hexachlorobutadiene	13.78	225	644	0.206	ug/l	73
95) Naphthalene	13.83	128	3125	1.088	ug/l #	65
96) 1,2,3-Trichlorobenzene	14.01	180	1472	0.240	ug/l	80

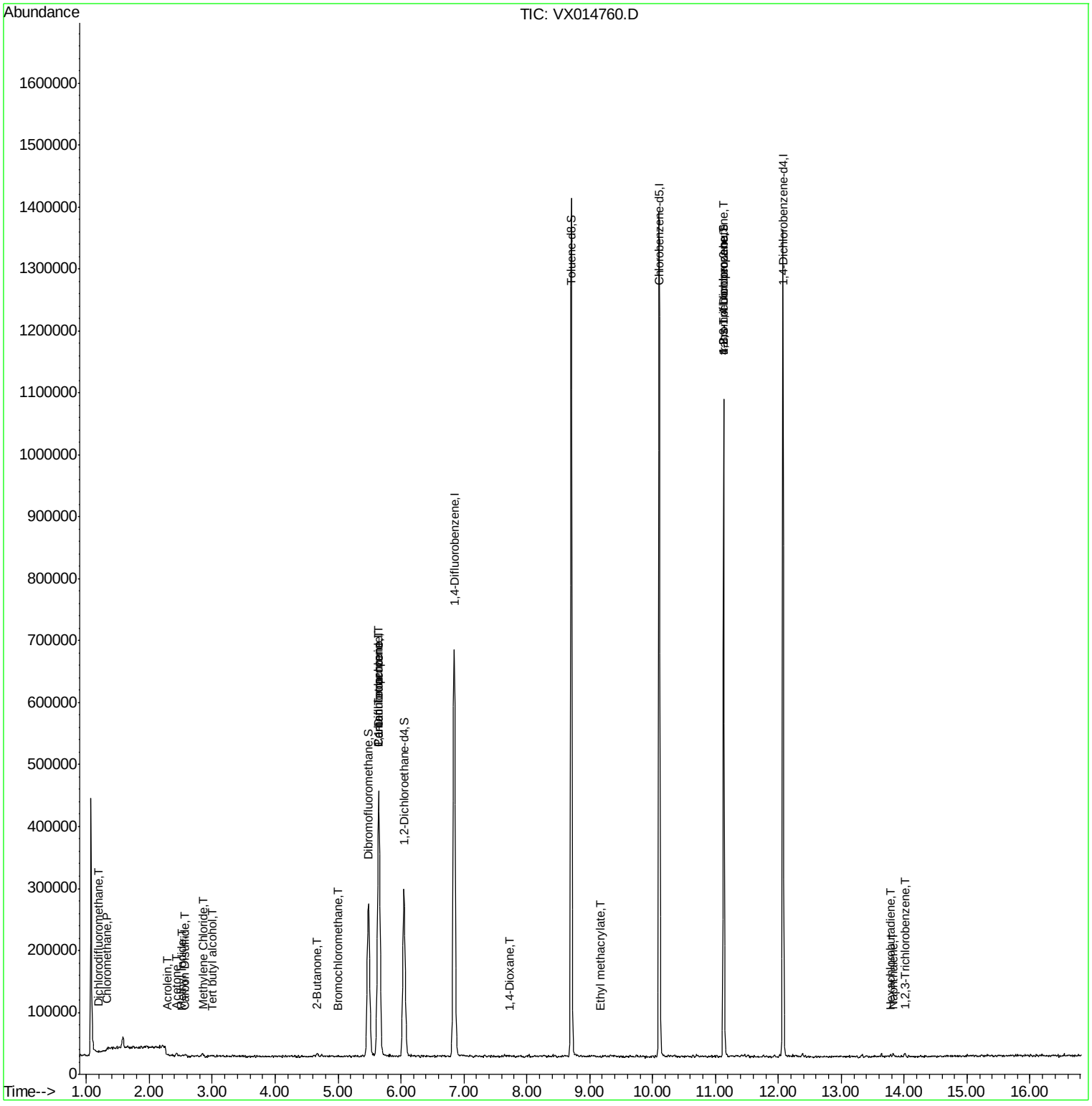
(#) = qualifier out of range (m) = manual integration (+) = signals summed

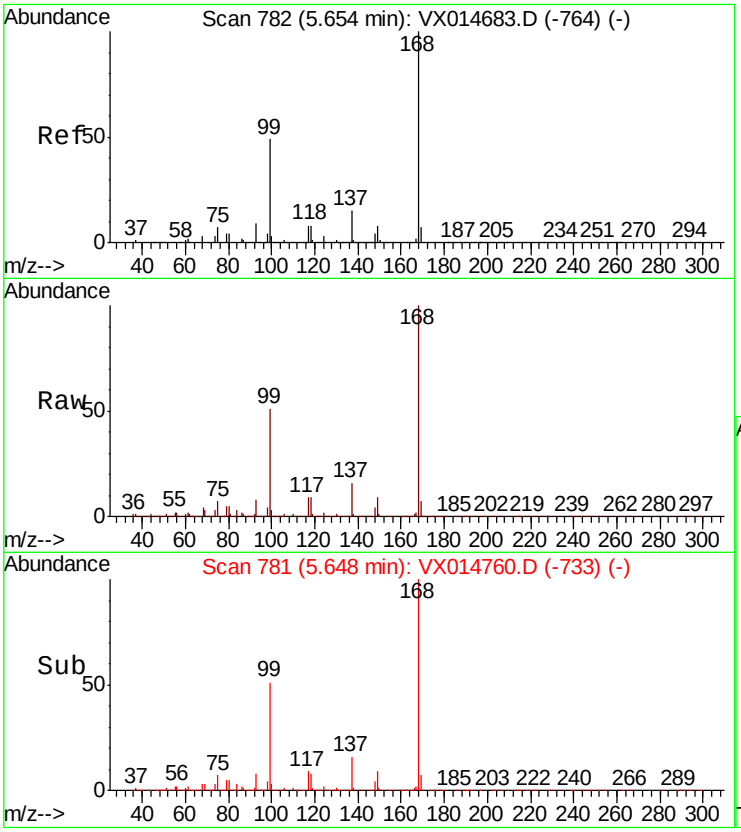
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012920\
Data File : VX014760.D
Acq On : 29 Jan 2020 10:55
Operator : JC/SP
Sample : VX0129WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 29 22:45:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration



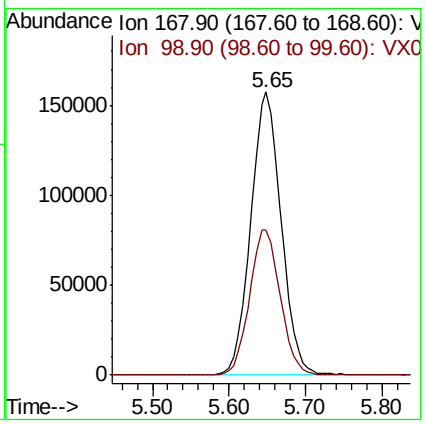


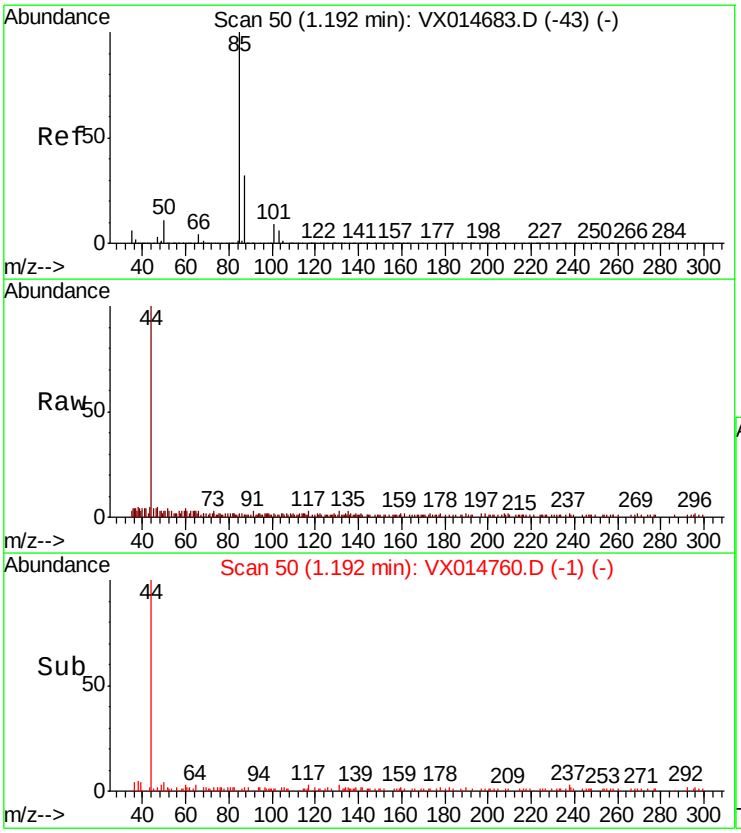
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 435436

Ion	Ratio	Lower	Upper
168	100		
99	50.9	39.8	59.6

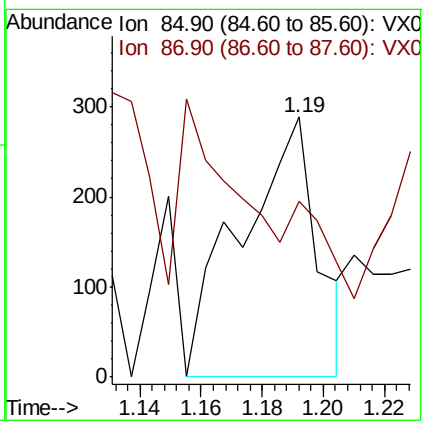


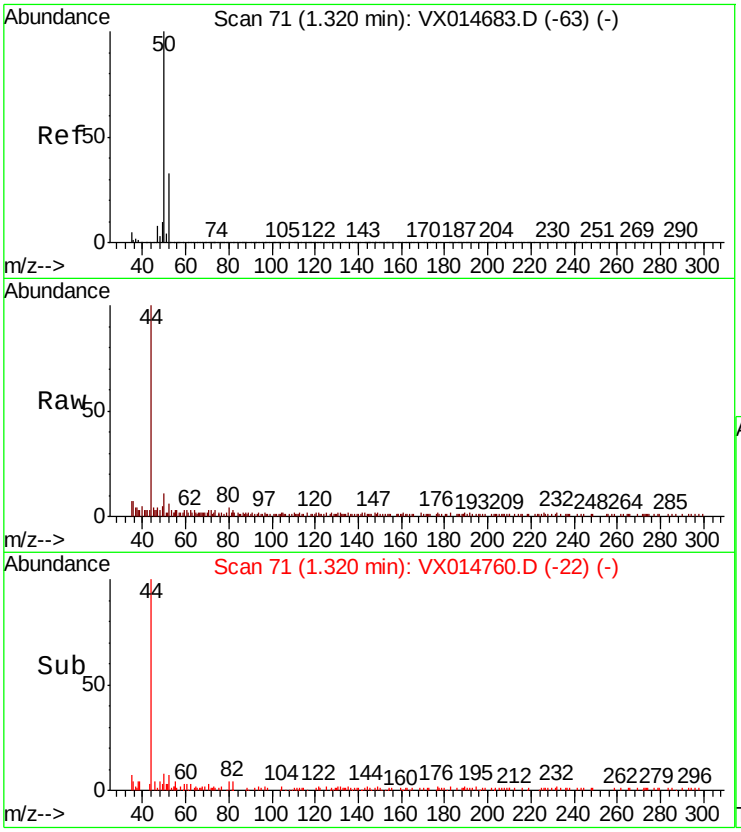


#2
Dichlorodifluoromethane
Concen: 0.616 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Tgt Ion: 85 Resp: 503

Ion	Ratio	Lower	Upper
85	100		
87	23.2	16.2	48.5



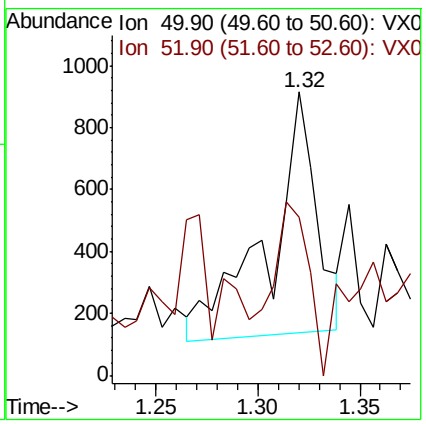


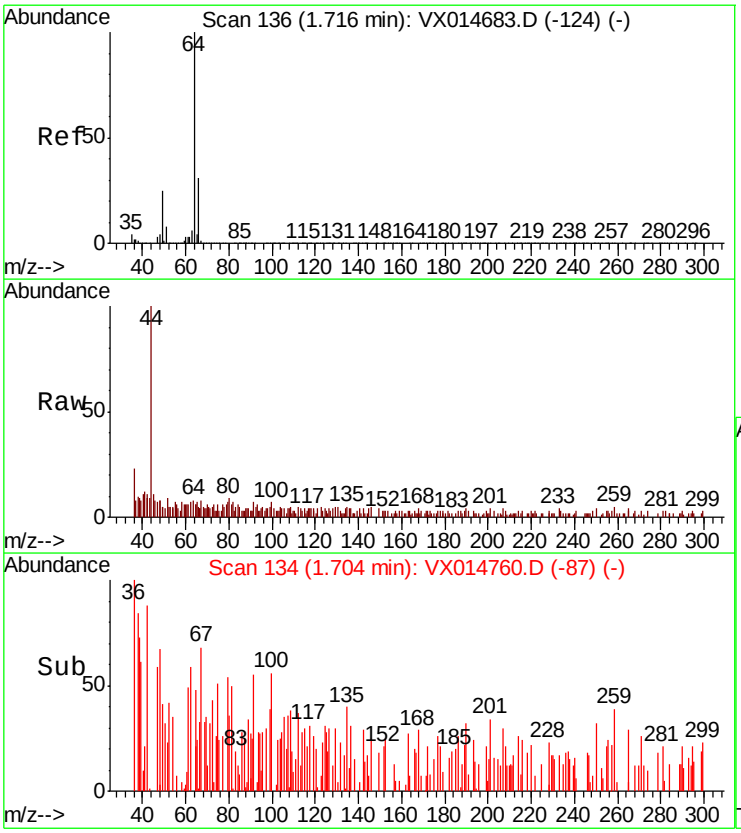
#3
Chloromethane
Concen: 0.215 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1268

Ion	Ratio	Lower	Upper
50	100		
52	36.4	26.2	39.2

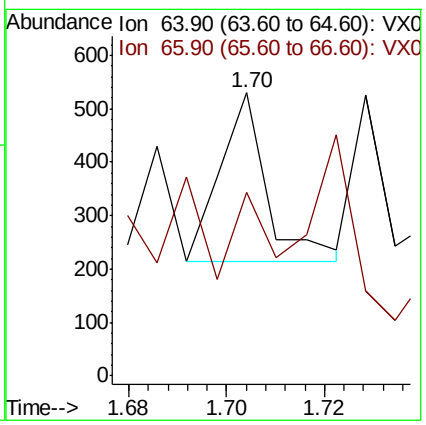


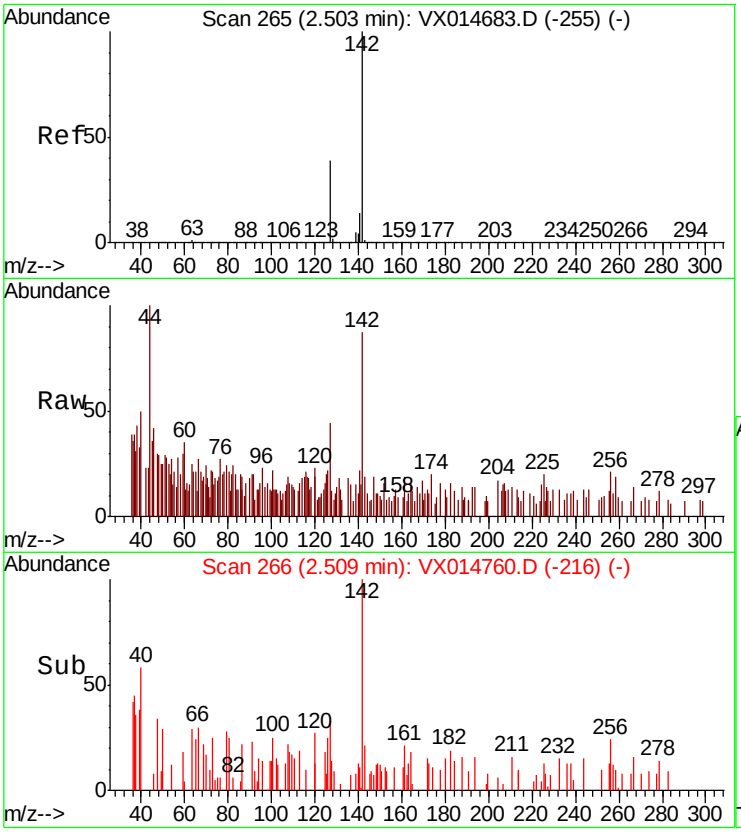


#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Tgt Ion: 64 Resp: 209

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.2	37.8#



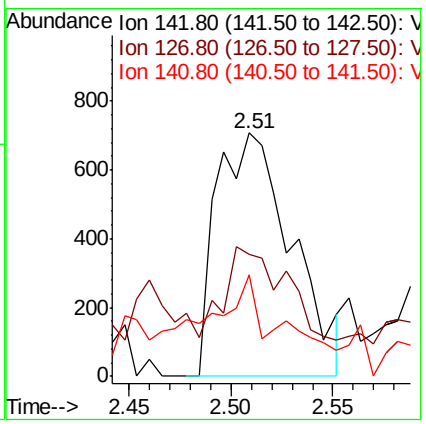


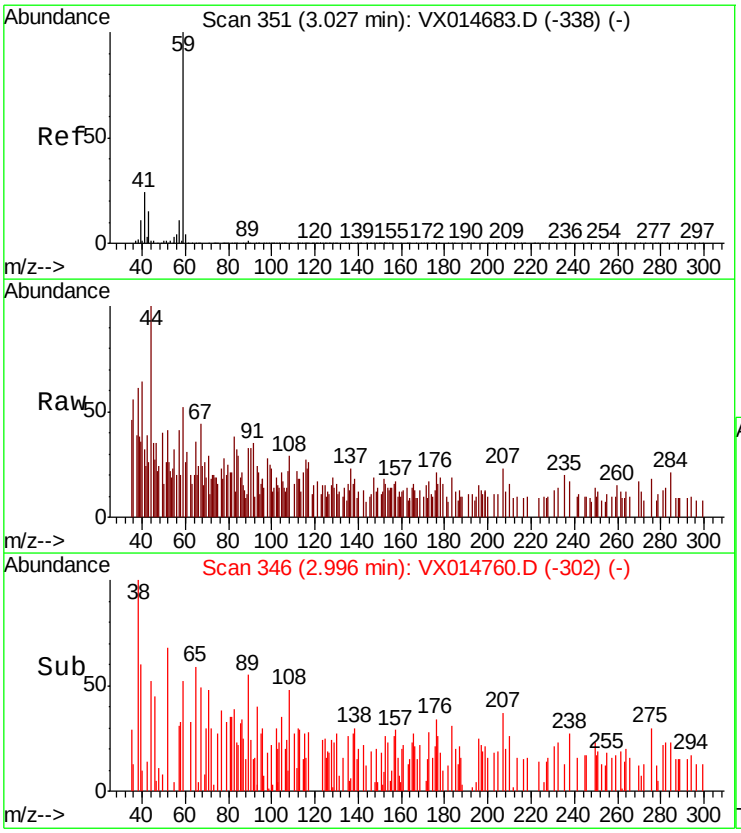
#10
Methyl Iodide
Concen: 0.319 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1821

Ion	Ratio	Lower	Upper
142	100		
127	46.0	31.1	46.7
141	9.2	11.3	16.9#

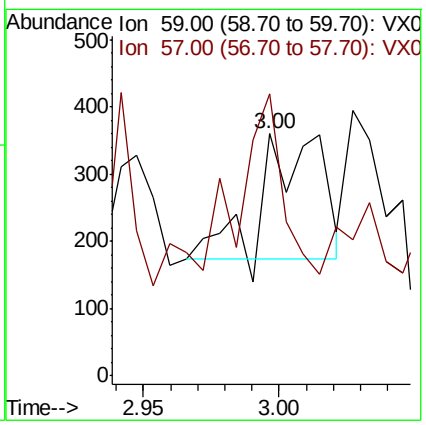


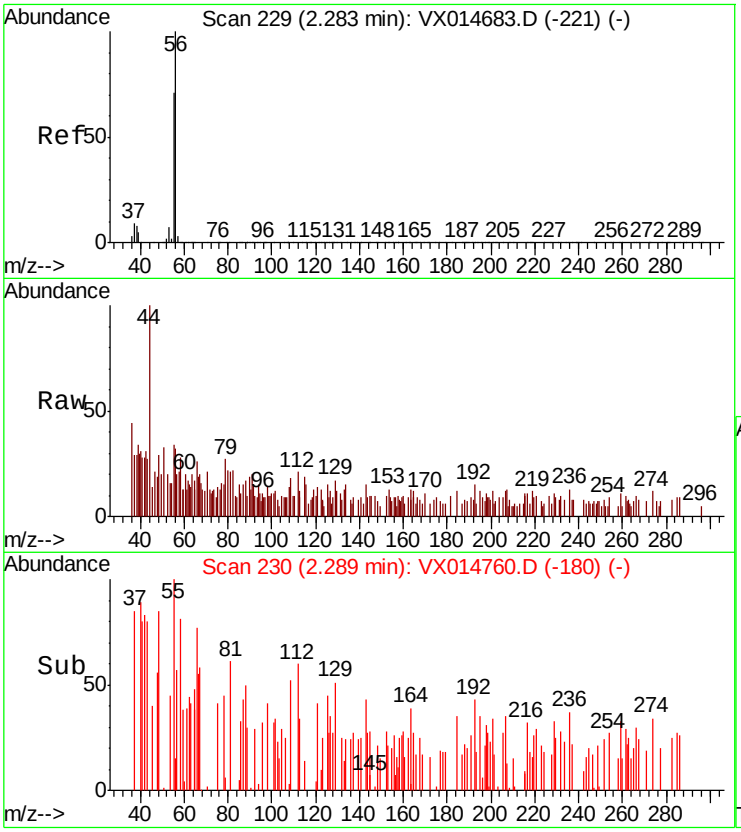


#11
Tert butyl alcohol
Concen: 0.252 ug/l
RT: 3.00 min Scan# 346
Delta R.T. -0.03 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Tgt Ion: 59 Resp: 288

Ion	Ratio	Lower	Upper
59	100		
57	103.1	8.3	12.5#



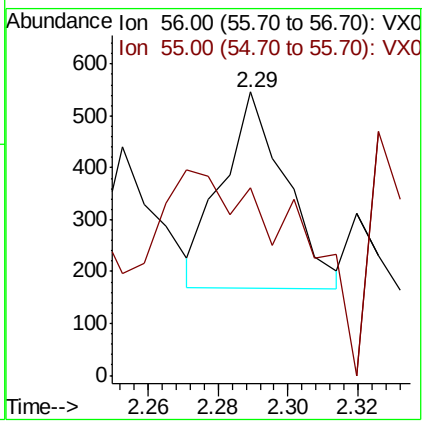


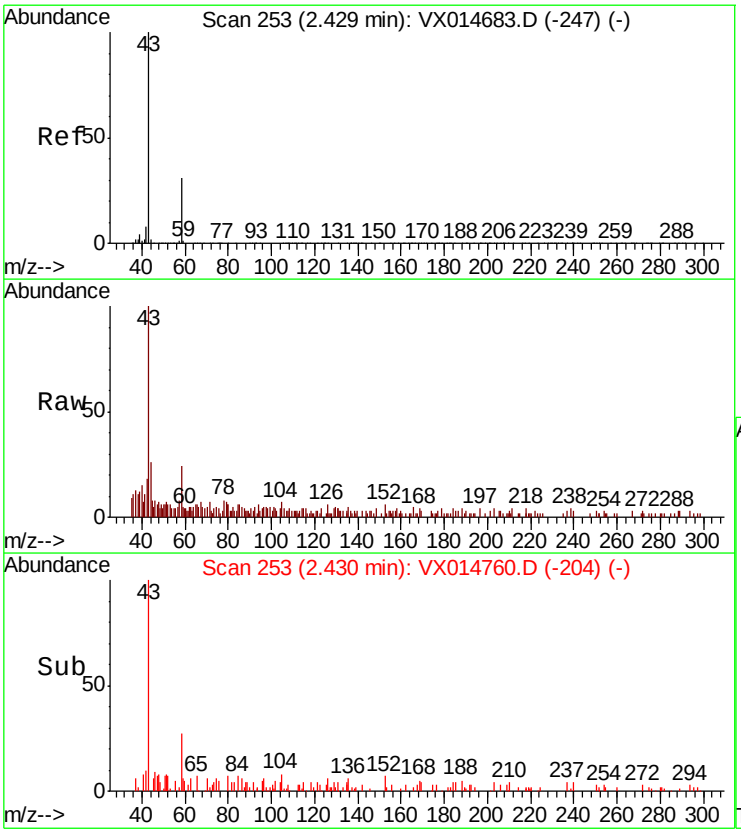
#13
Acrolein
Concen: 0.530 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 477

Ion	Ratio	Lower	Upper
56	100		
55	233.5	56.6	84.8#

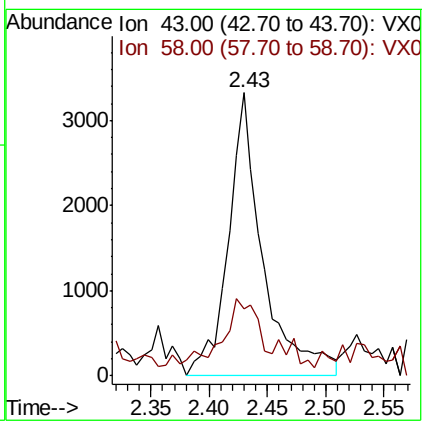


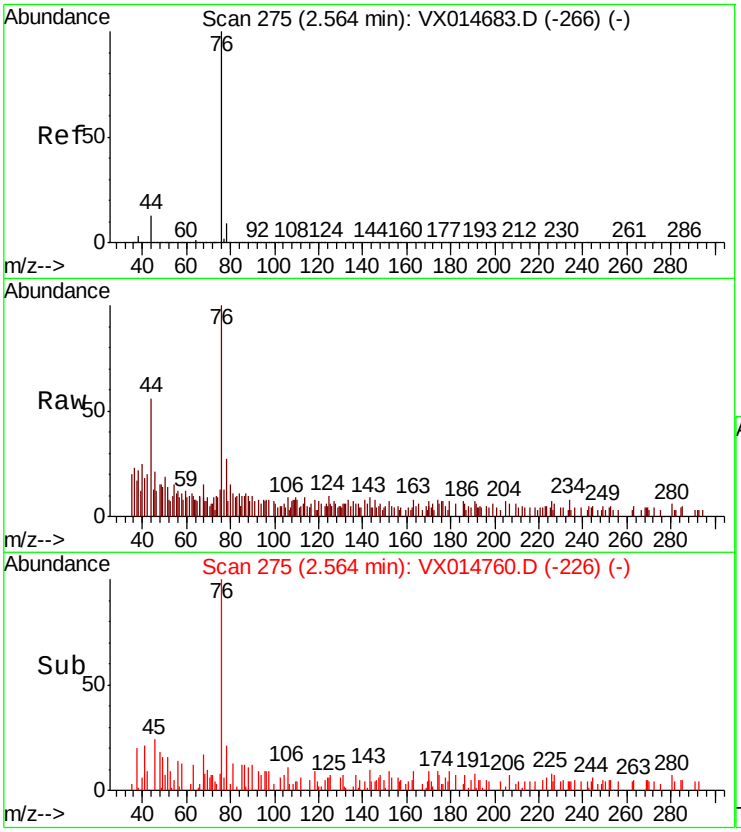


#16
Acetone
Concen: 2.613 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Tgt Ion: 43 Resp: 6868

Ion	Ratio	Lower	Upper
43	100		
58	18.6	24.5	36.7#



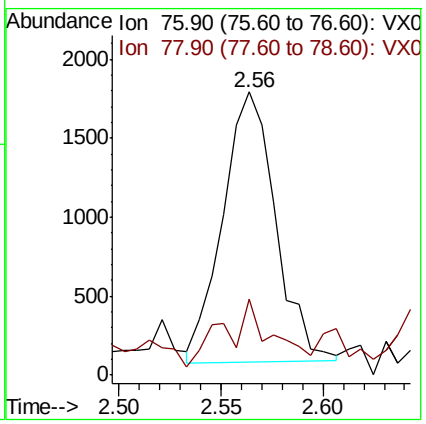


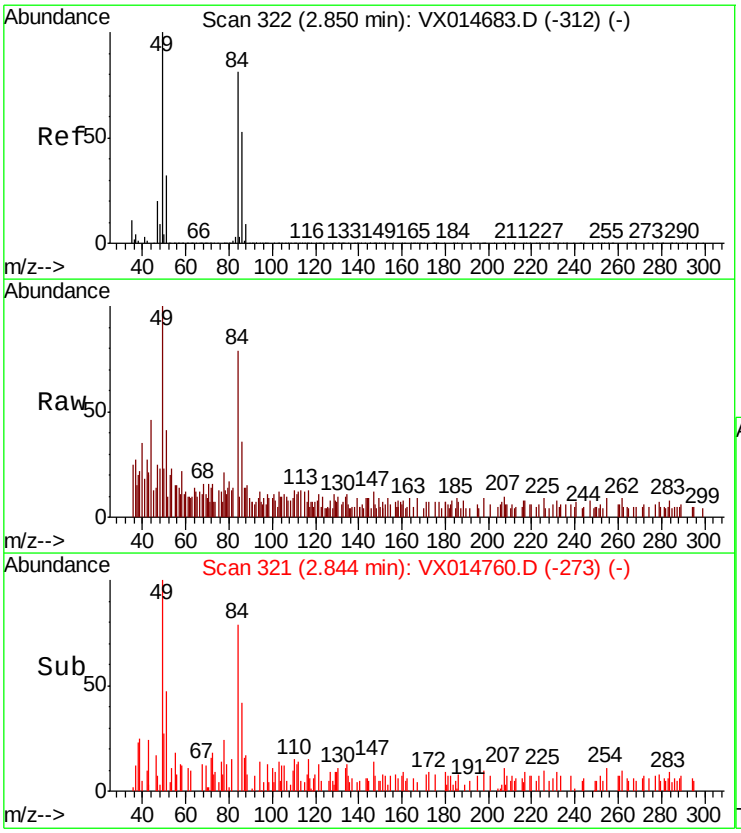
#17
Carbon Disulfide
Concen: 0.260 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 3078

Ion	Ratio	Lower	Upper
76	100		
78	19.0	7.2	10.8#

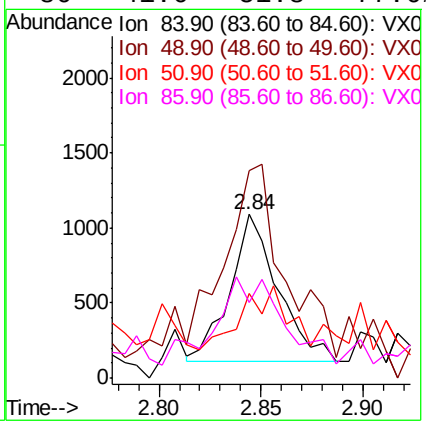


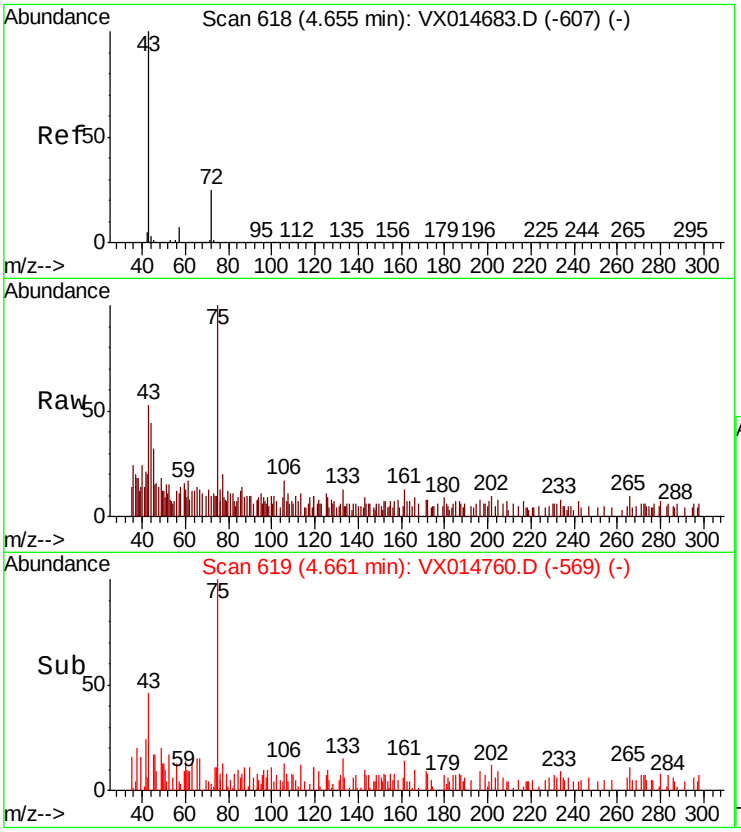


#20
Methylene Chloride
Concen: 0.307 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Tgt Ion: 84 Resp: 1582

Ion	Ratio	Lower	Upper
84	100		
49	127.5	98.2	147.4
51	34.8	31.3	46.9
86	41.6	51.8	77.6#



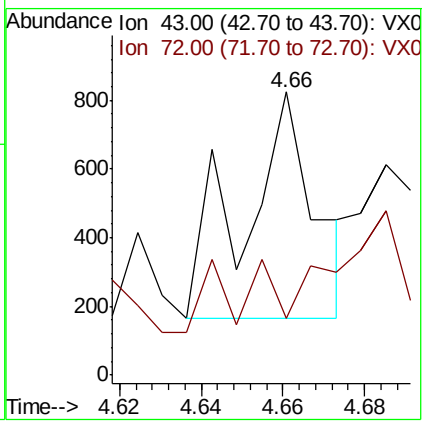


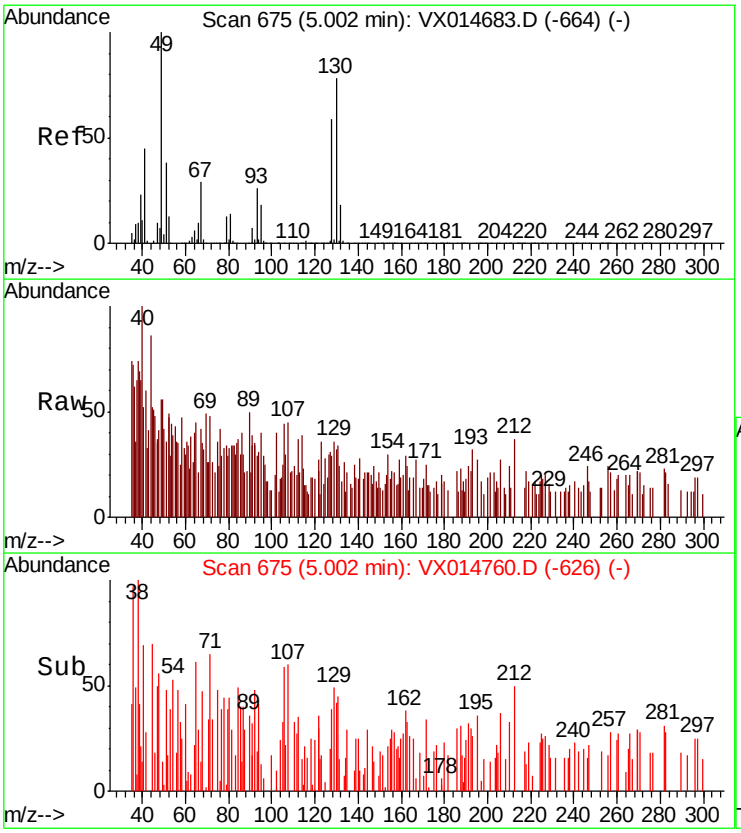
#25
2-Butanone
Concen: 0.201 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 804

Ion	Ratio	Lower	Upper
43	100		
72	6.2	19.9	29.9#

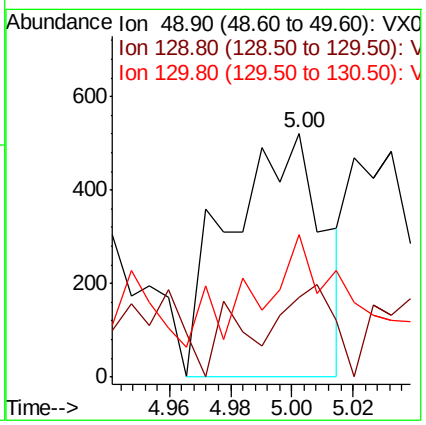


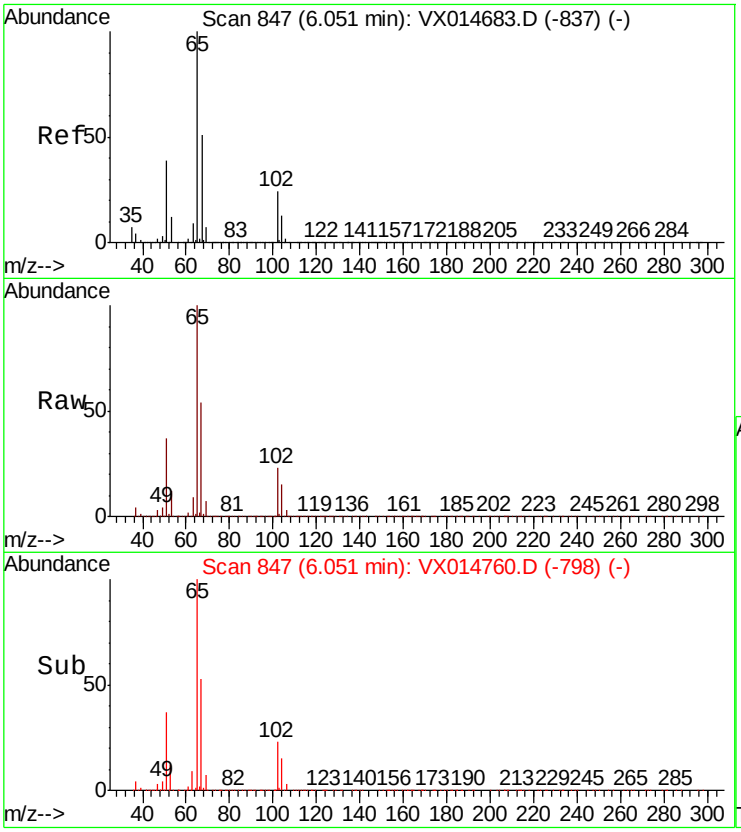


#28
Bromochloromethane
Concen: 0.301 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Tgt Ion: 49 Resp: 1111

Ion	Ratio	Lower	Upper
49	100		
129	20.4	0.0	4.8#
130	71.1	62.4	93.6



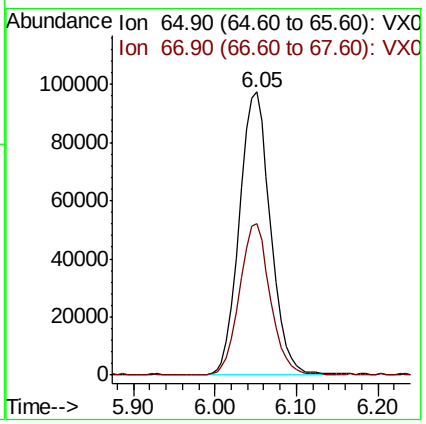


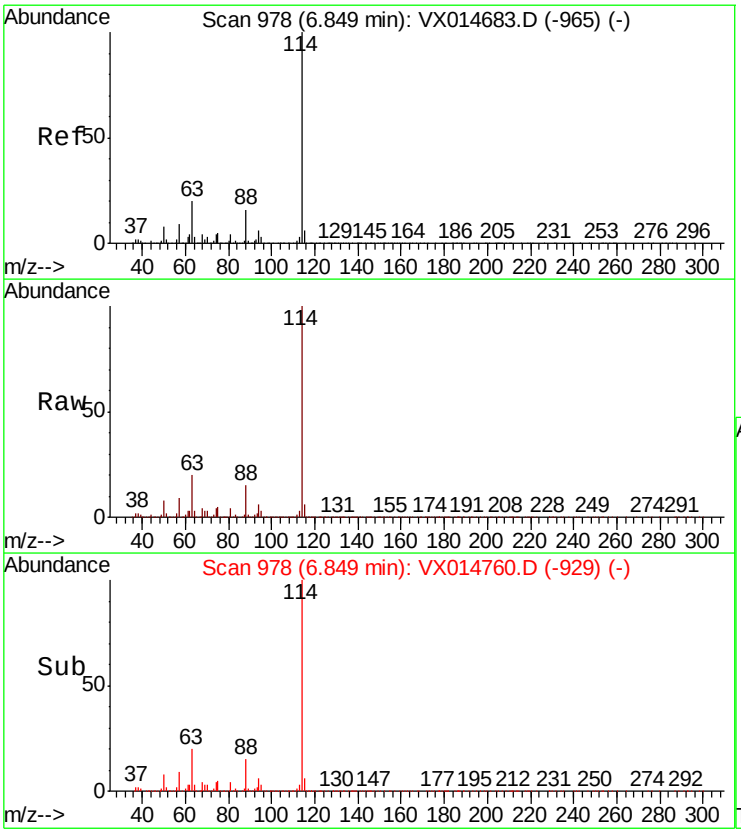
#33
1,2-Dichloroethane-d4
Concen: 50.630 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 257446

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.4

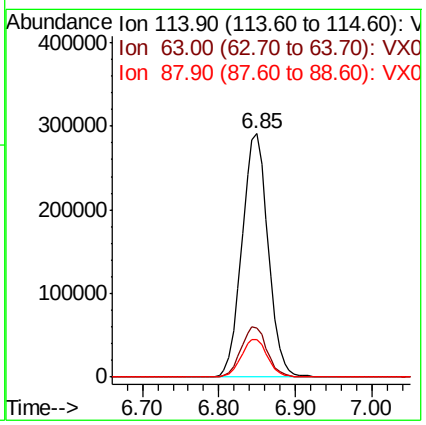


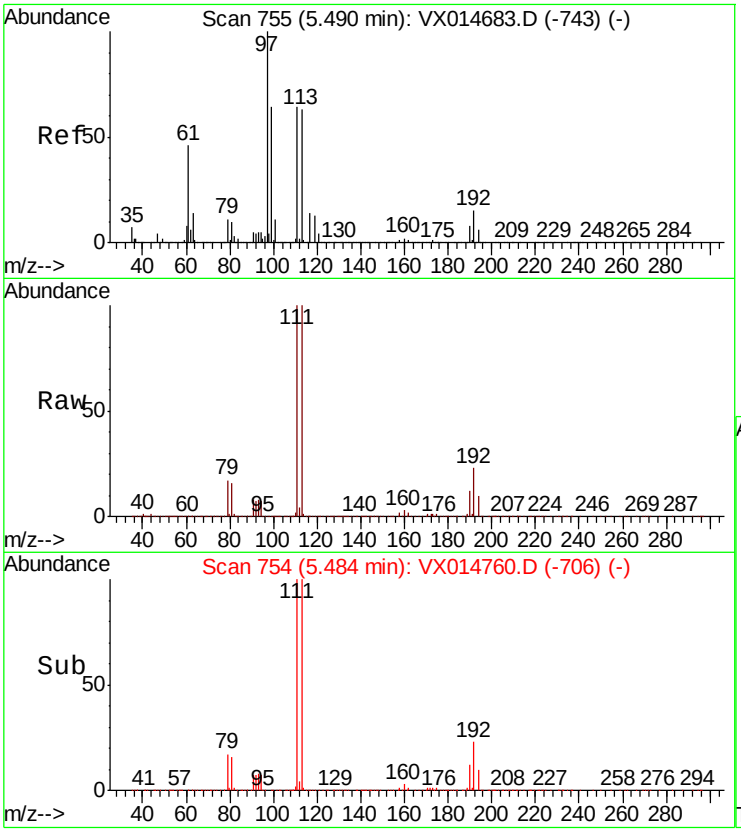


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Tgt Ion:114 Resp: 693030

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.6
88	15.3	0.0	31.2



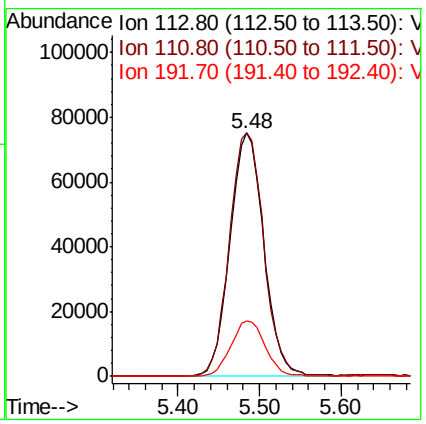


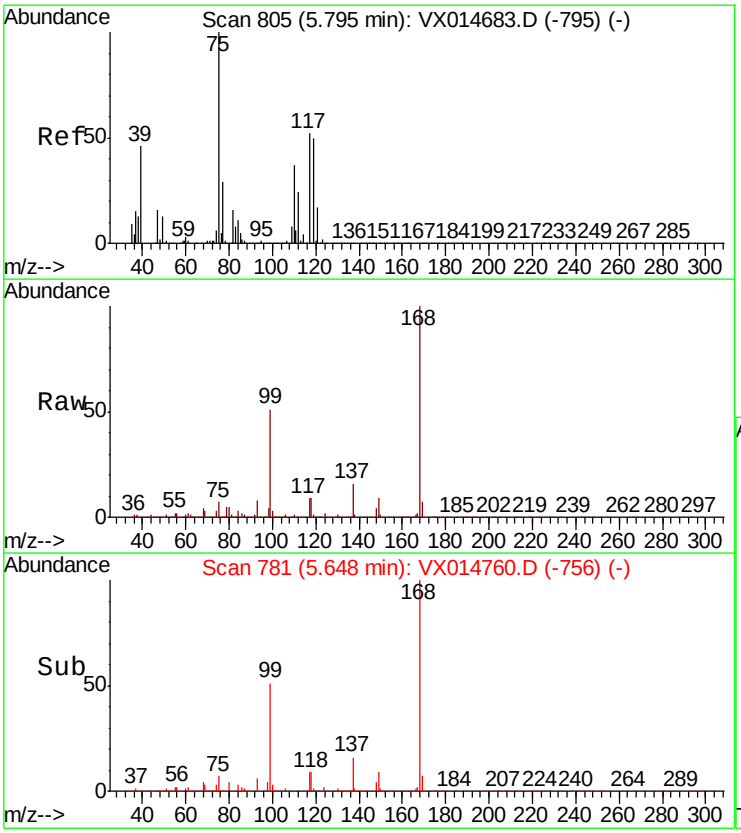
#35
Dibromofluoromethane
Concen: 49.066 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 214564

Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.7	121.1
192	23.4	18.5	27.7

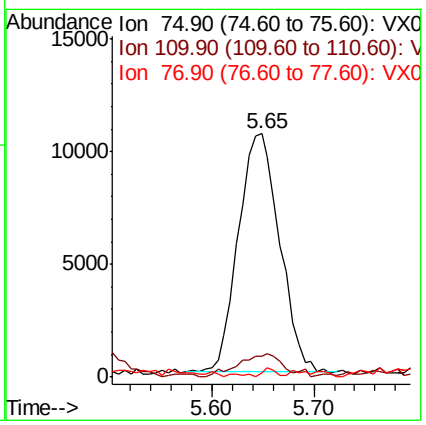


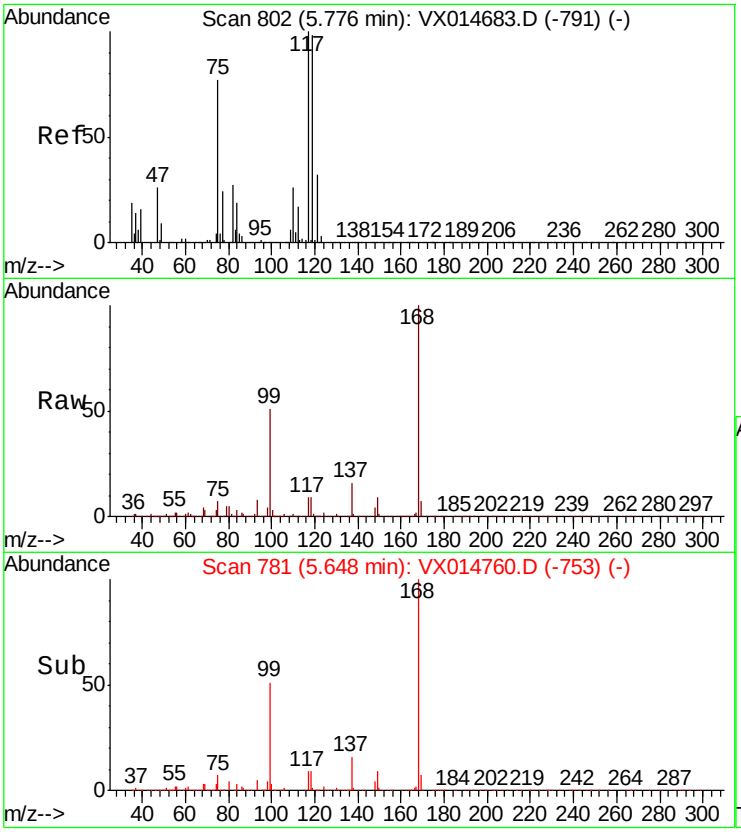


#36
1,1-Dichloropropene
Concen: 4.604 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.15 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Tgt Ion: 75 Resp: 29646

Ion	Ratio	Lower	Upper
75	100		
110	10.9	17.9	53.7#
77	1.3	24.1	36.1#



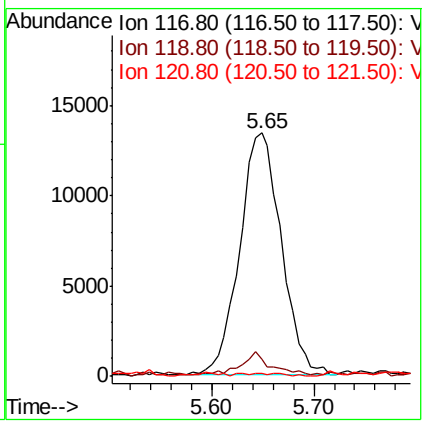


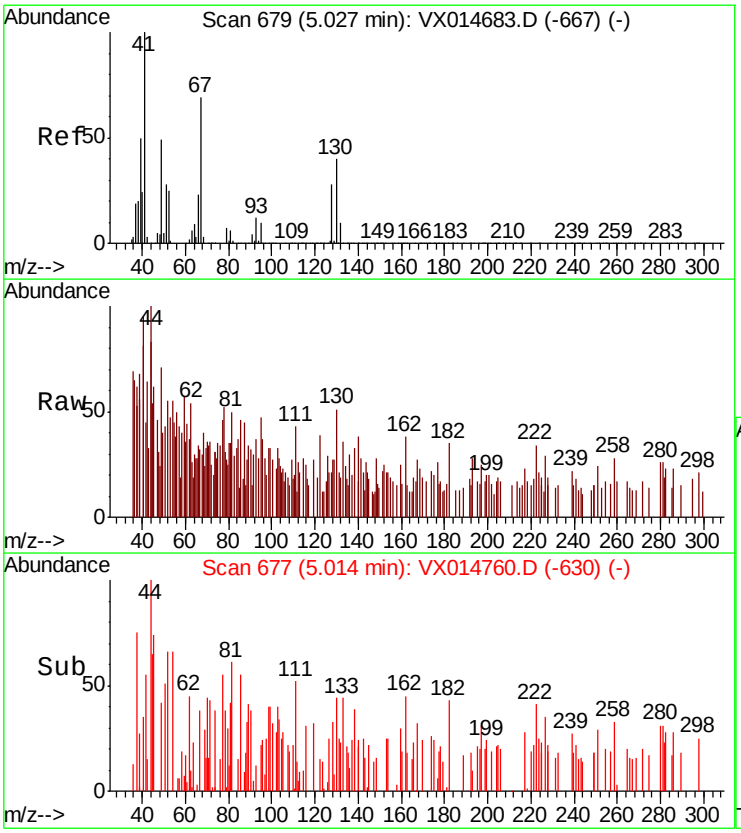
#38
Carbon Tetrachloride
Concen: 6.171 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 37951

Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.9	116.9#
121	0.9	25.4	38.2#

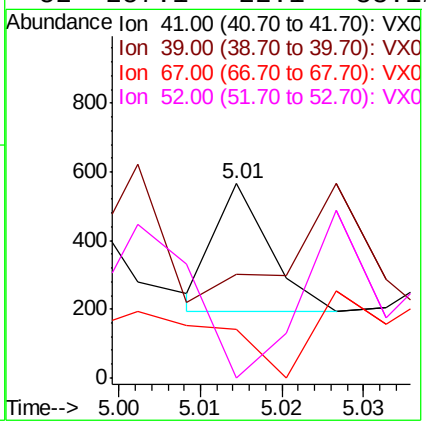


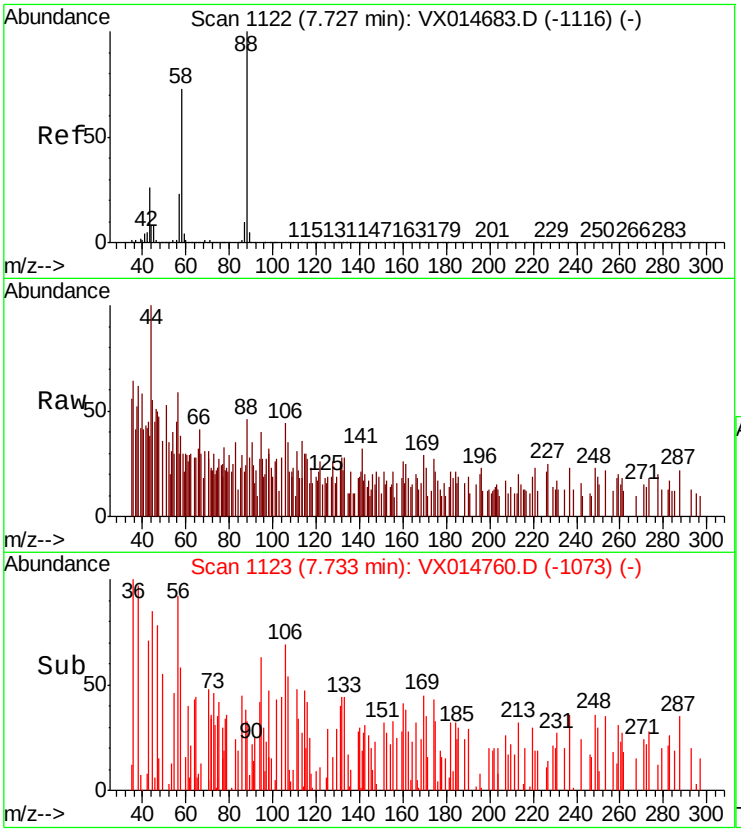


#41
Methacrylonitrile
Concen: Below Cal
RT: 5.01 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Tgt Ion: 41 Resp: 170

Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.2	63.2#
67	0.0	55.4	83.0#
52	257.1	22.1	33.1#



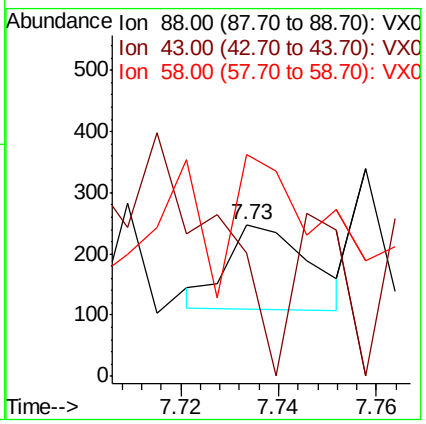


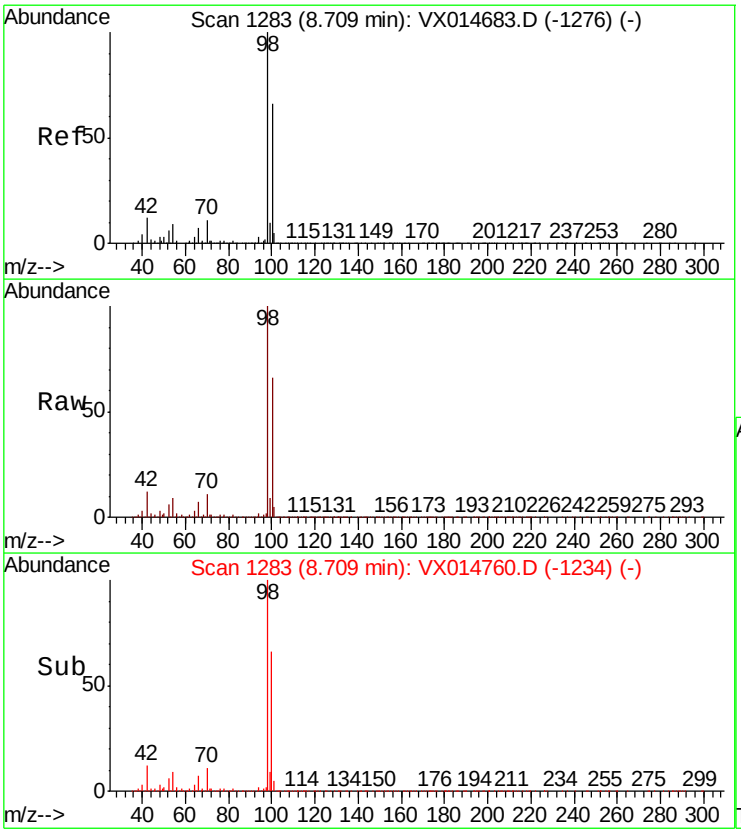
#49
1,4-Dioxane
Concen: 1.300 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 159

Ion	Ratio	Lower	Upper
88	100		
43	117.0	26.2	39.2#
58	583.0	56.6	85.0#

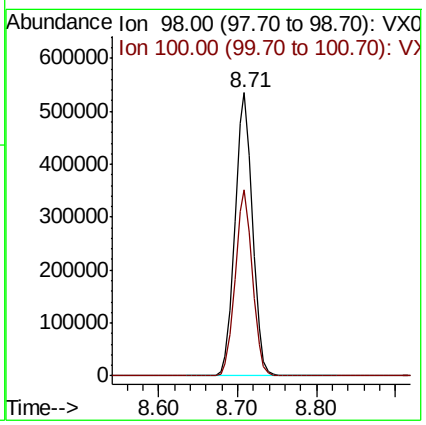


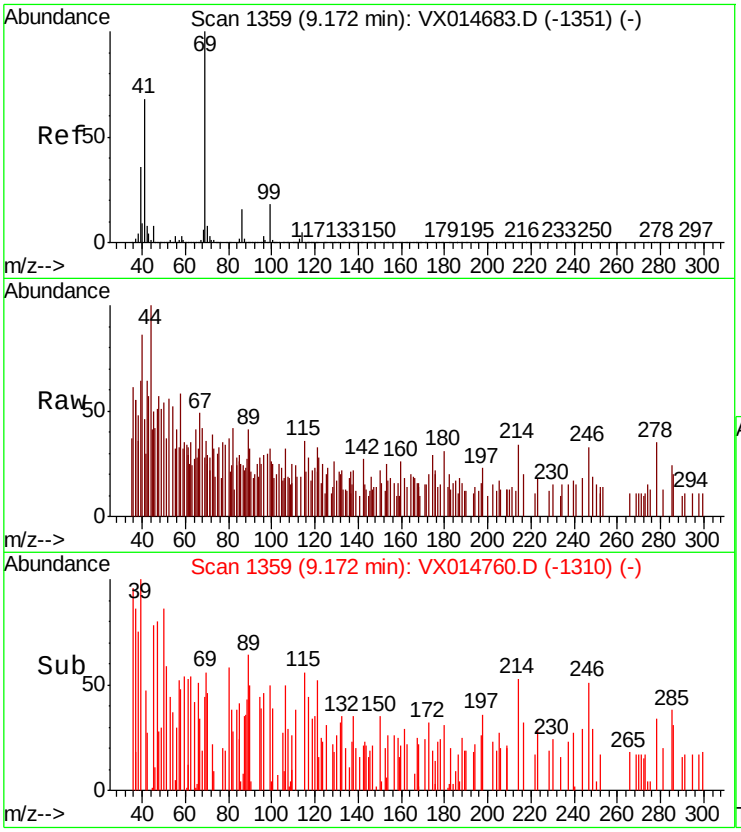


#50
Toluene-d8
Concen: 49.123 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Tgt Ion: 98 Resp: 825825

Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.0	79.6



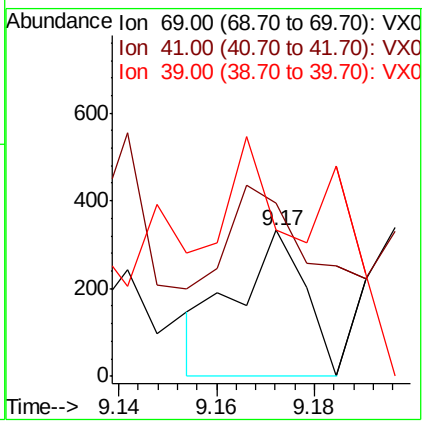


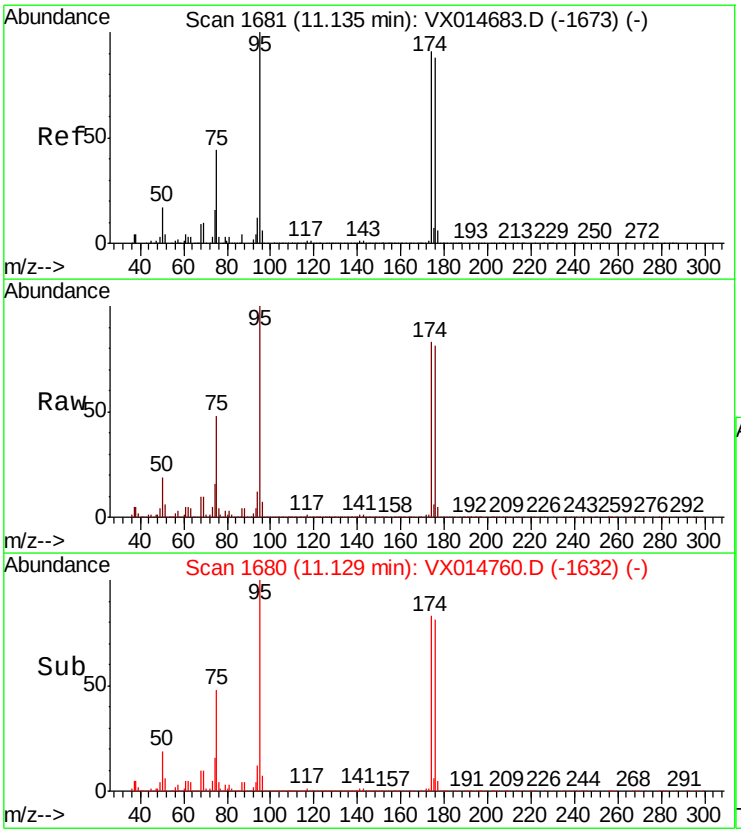
#56
Ethyl methacrylate
Concen: 1.821 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 69 Resp: 324

Ion	Ratio	Lower	Upper
69	100		
41	69.4	54.9	82.3
39	324.1	29.3	43.9#

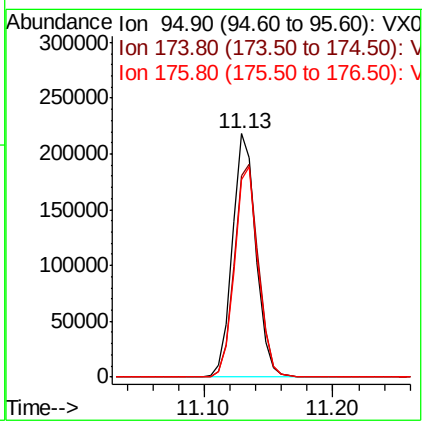


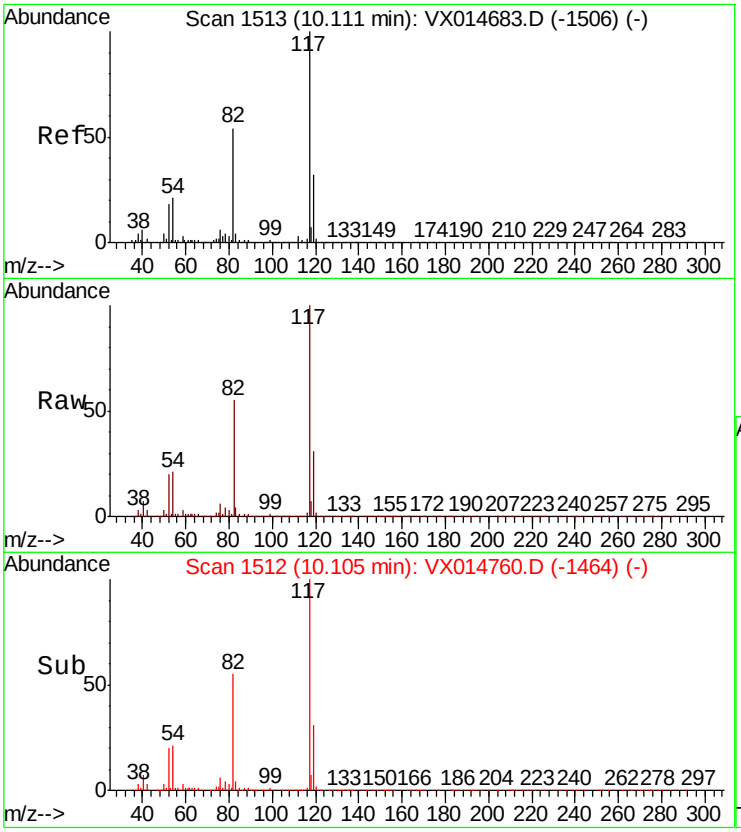


#62
4-Bromofluorobenzene
Concen: 46.423 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Tgt Ion: 95 Resp: 278007

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	176.0
176	86.7	0.0	172.2



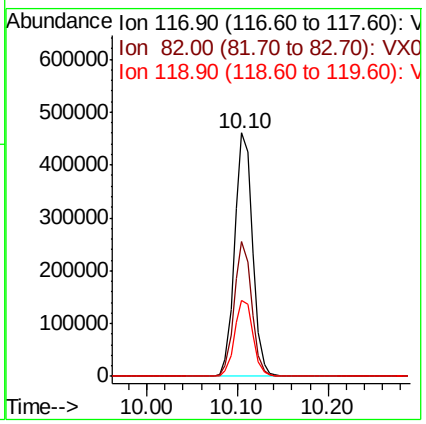


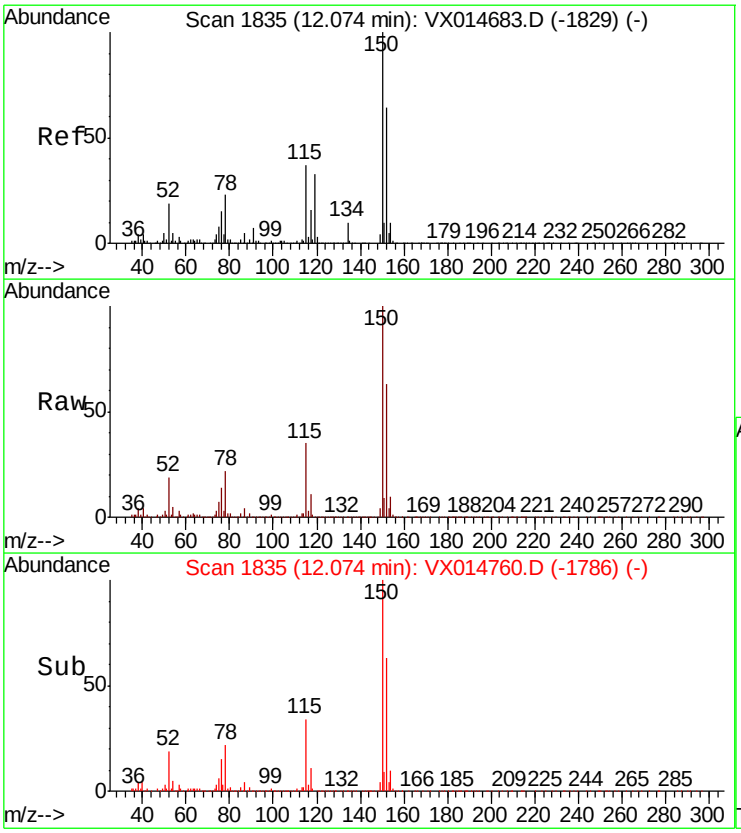
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 631525

Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.2	64.8
119	31.3	25.8	38.6

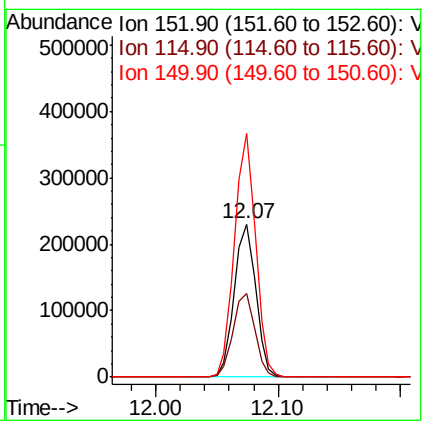


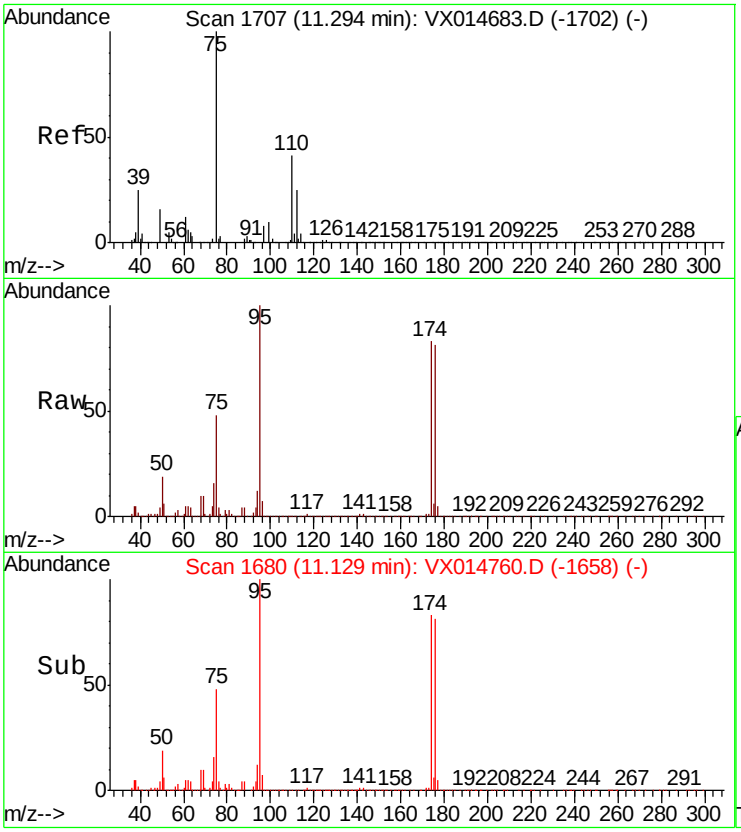


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Tgt Ion:152 Resp: 279217

Ion	Ratio	Lower	Upper
152	100		
115	55.9	39.4	118.1
150	156.4	0.0	351.2



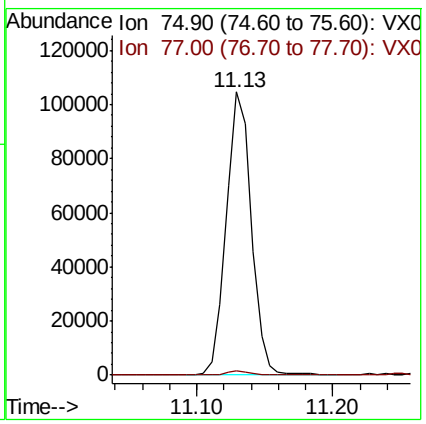


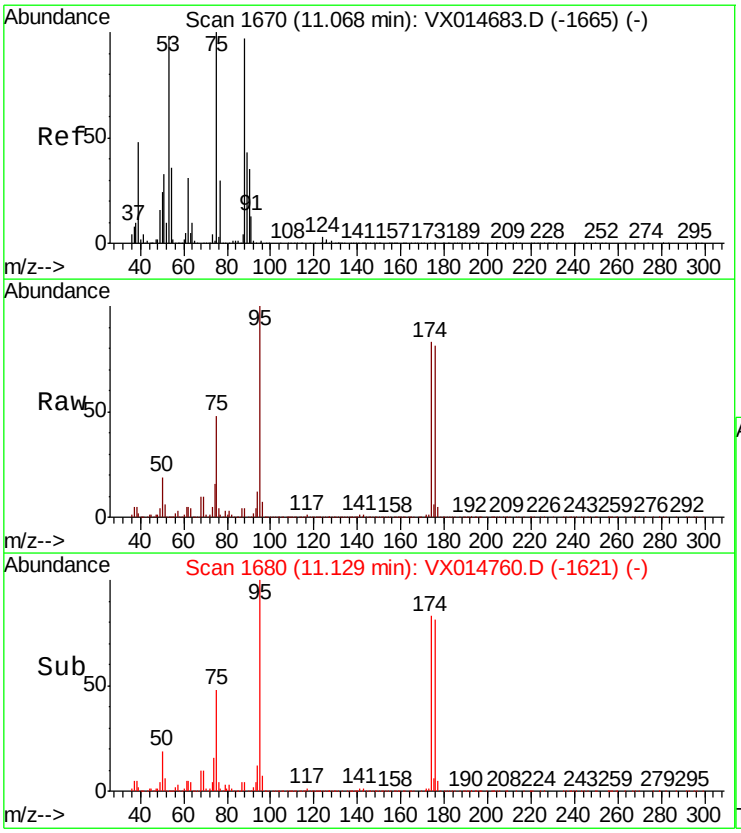
#76
1,2,3-Trichloropropane
Concen: 20.550 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 133499

Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.7	56.1#

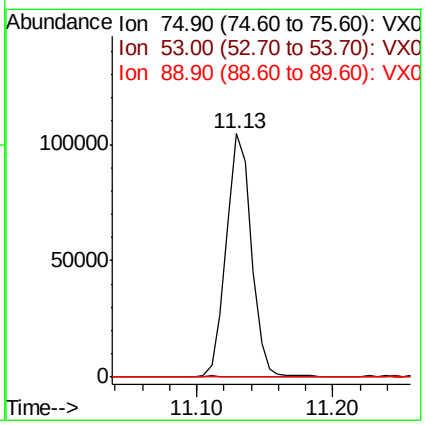


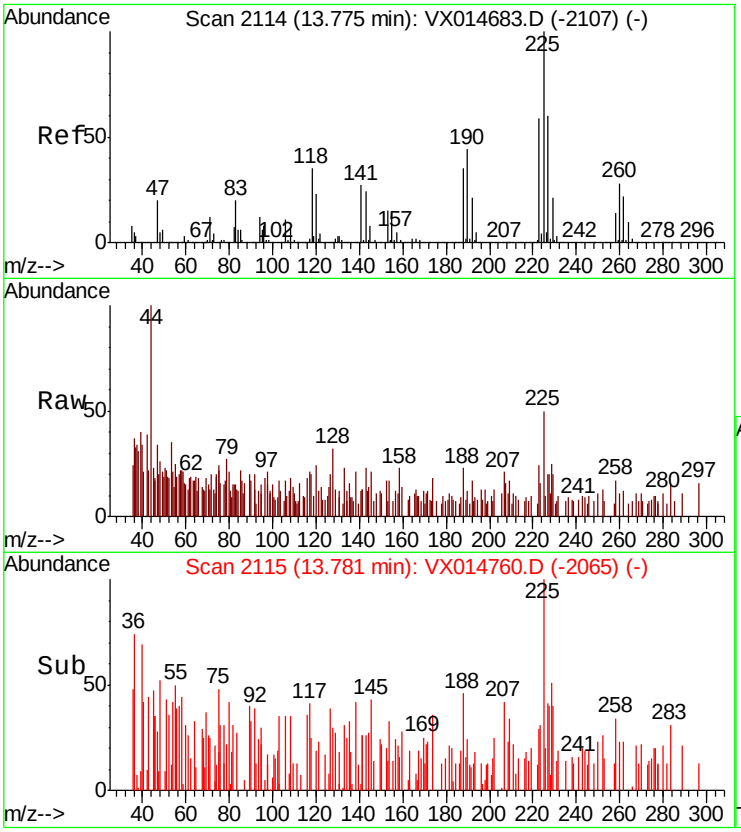


#81
trans-1,4-Dichloro-2-butene
Concen: 58.483 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Tgt Ion: 75 Resp: 133499

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.8	118.2#
89	0.2	35.4	53.0#



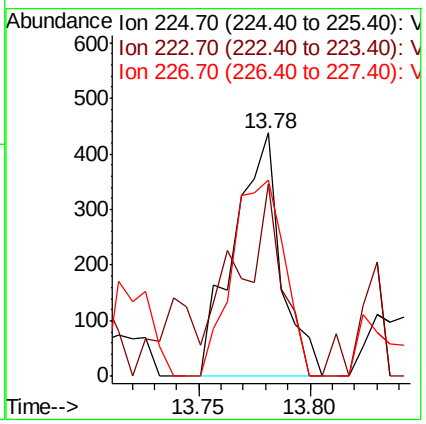


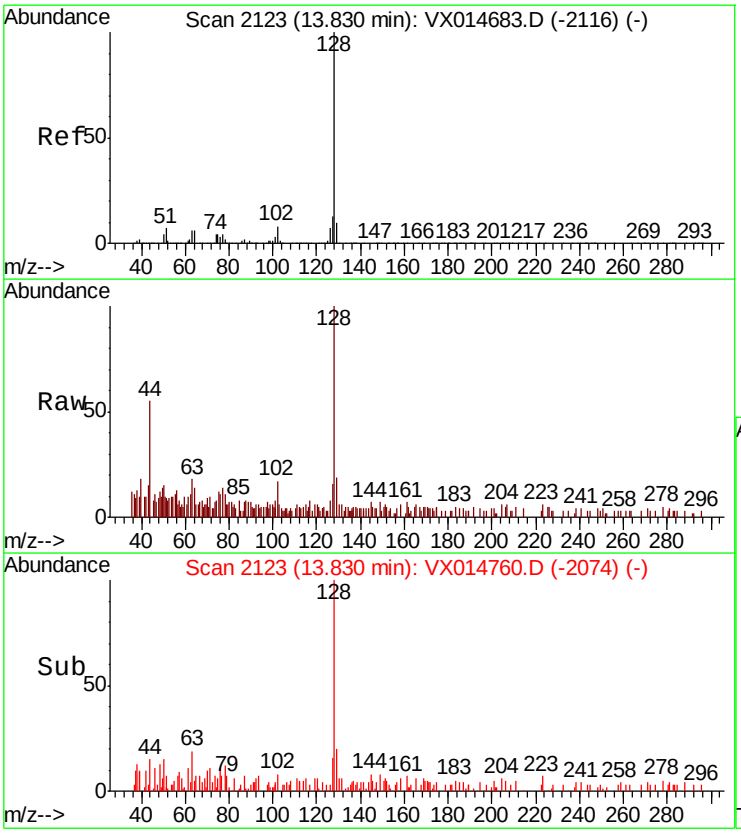
#94
Hexachlorobutadiene
Concen: 0.206 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 644

Ion	Ratio	Lower	Upper
225	100		
223	75.3	30.6	91.8
227	90.2	31.4	94.0

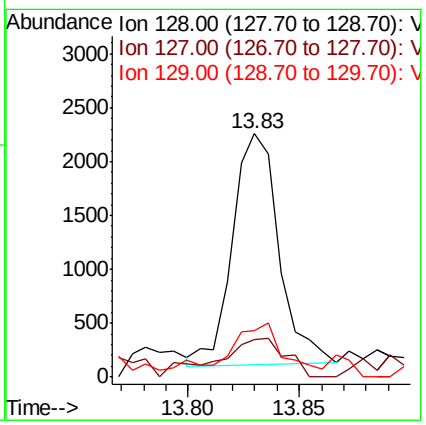


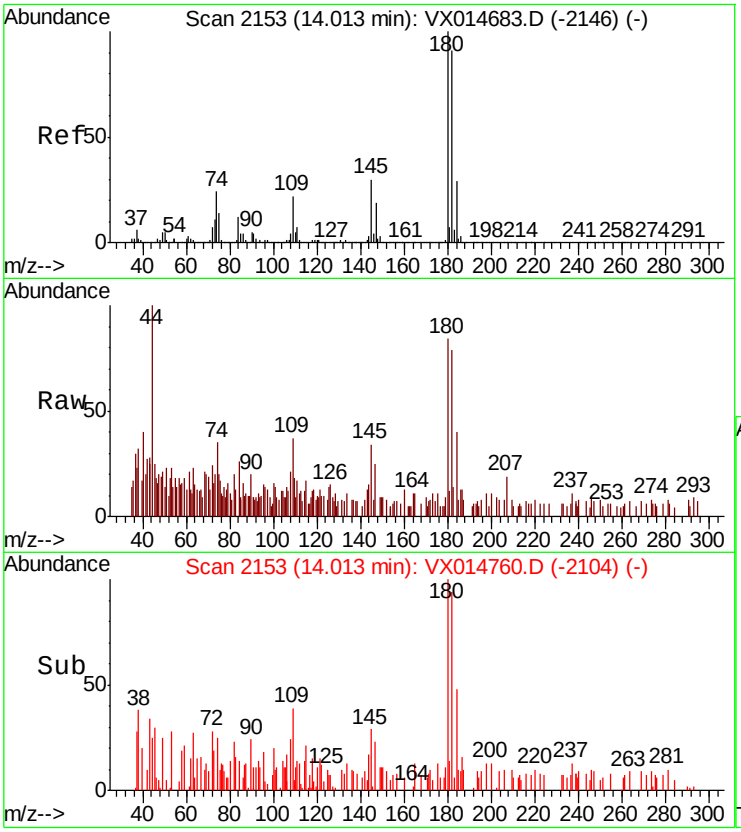


#95
Naphthalene
Concen: 1.088 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Tgt Ion:128 Resp: 3125

Ion	Ratio	Lower	Upper
128	100		
127	24.7	10.3	15.5#
129	26.0	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.240 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014760.D
Acq: 29 Jan 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 1472

Ion	Ratio	Lower	Upper
180	100		
182	116.4	46.6	139.7
145	32.1	14.7	44.1