Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011720\
Data File : VX014646.D
Acq On : 17 Jan 2020 11:36
Operator : JC/SP
Sample : VX0117WBL02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 18 05:05:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	420958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	649061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	587576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	268205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	240459	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.34%			
35) Dibromofluoromethane	5.49	113	197588	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.58%			
50) Toluene-d8	8.71	98	770732	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.10%			
62) 4-Bromofluorobenzene	11.13	95	262118	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.16	85	122	0.276	ug/l #	27
5) Bromomethane	1.64	94	2048	0.517	ug/l #	77
6) Chloroethane	1.67	64	161	Below Cal	#	1
10) Methyl Iodide	2.51	142	2036	0.412	ug/l #	85
13) Acrolein	2.28	56	742	0.943	ug/l #	67
16) Acetone	2.43	43	5925	Below Cal		92
17) Carbon Disulfide	2.56	76	2472	0.213	ug/l #	87
20) Methylene Chloride	2.85	84	1208	0.256	ug/l #	82
36) 1,1-Dichloropropene	5.65	75	29056	4.760	ug/l #	52
38) Carbon Tetrachloride	5.65	117	36739	6.541	ug/l #	18
41) Methacrylonitrile	5.04	41	1027	0.290	ug/l #	63
49) 1,4-Dioxane	7.61	88	606	5.575	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.07	63	694	0.286	ug/l	93
76) 1,2,3-Trichloropropane	11.13	75	128216	23.105	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	128216	61.086	ug/l #	12
88) 1,4-Dichlorobenzene	12.03	146	1240	Below Cal		95
92) 1,2-Dibromo-3-Chloropropan	13.02	75	281	0.207	ug/l	63
94) Hexachlorobutadiene	13.77	225	800	0.326	ug/l	80
96) 1,2,3-Trichlorobenzene	14.27	180	210	Below Cal		92

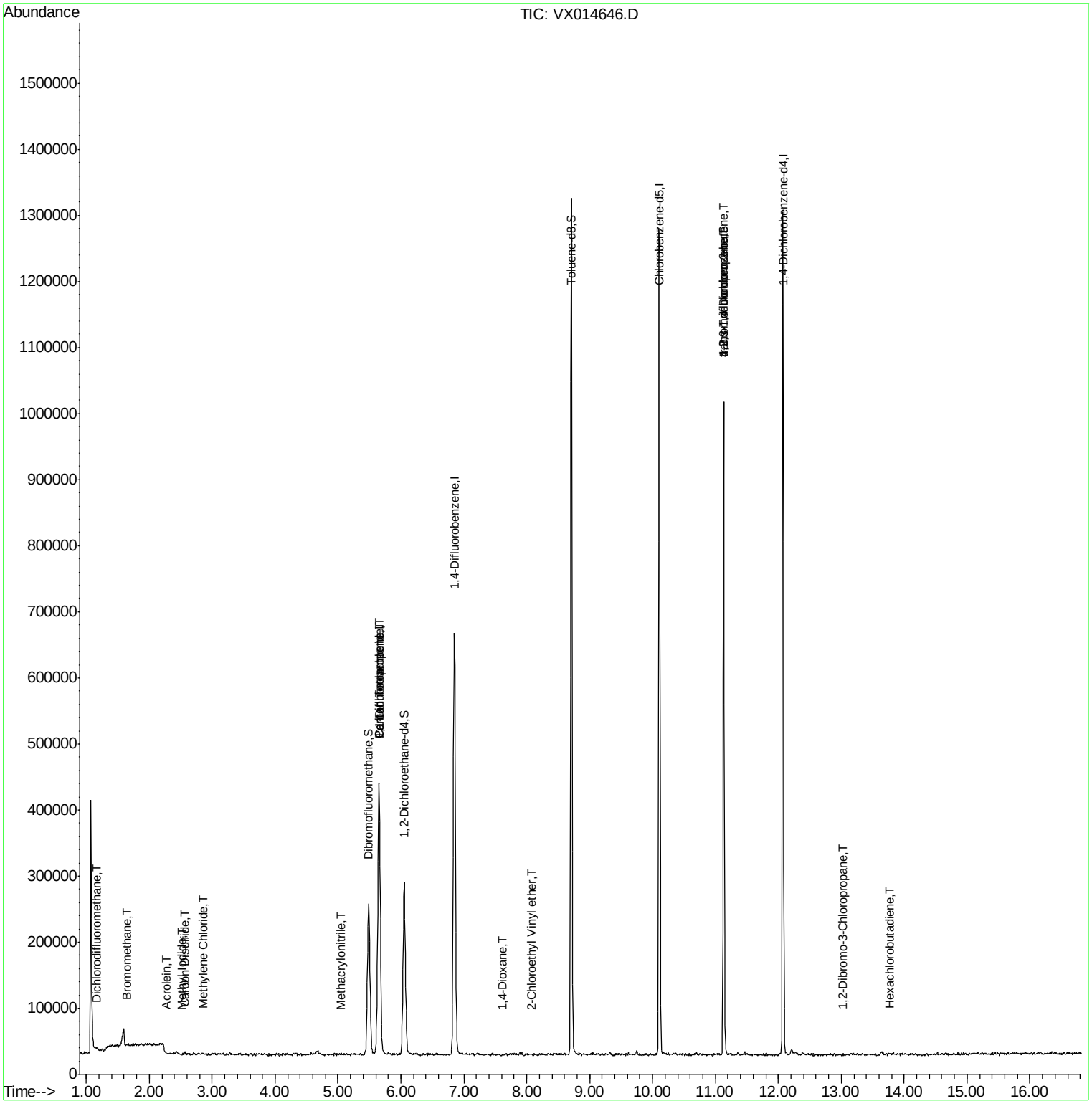
(#) = qualifier out of range (m) = manual integration (+) = signals summed

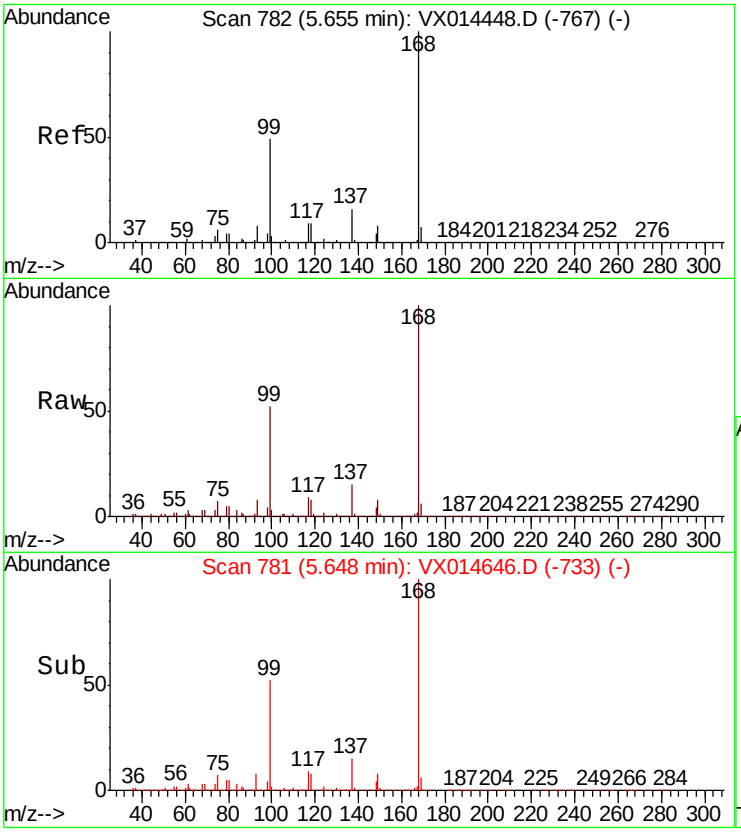
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011720\
Data File : VX014646.D
Acq On : 17 Jan 2020 11:36
Operator : JC/SP
Sample : VX0117WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 18 05:05:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration



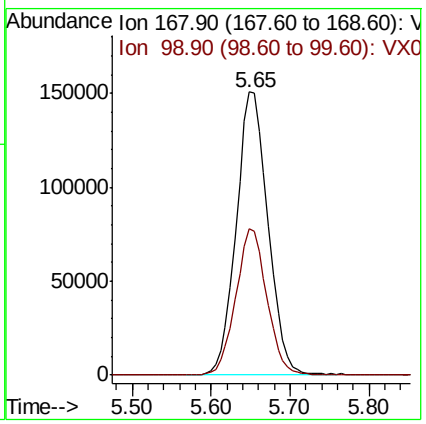


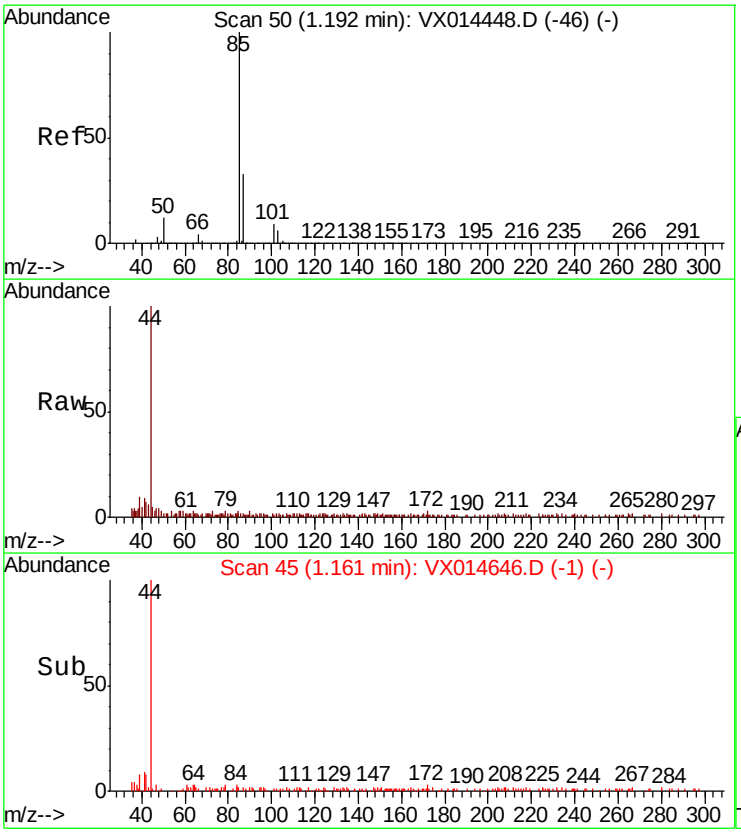
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 420958

Ion	Ratio	Lower	Upper
168	100		
99	51.6	39.2	58.8

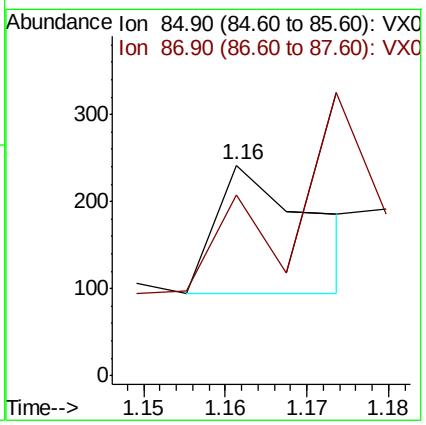


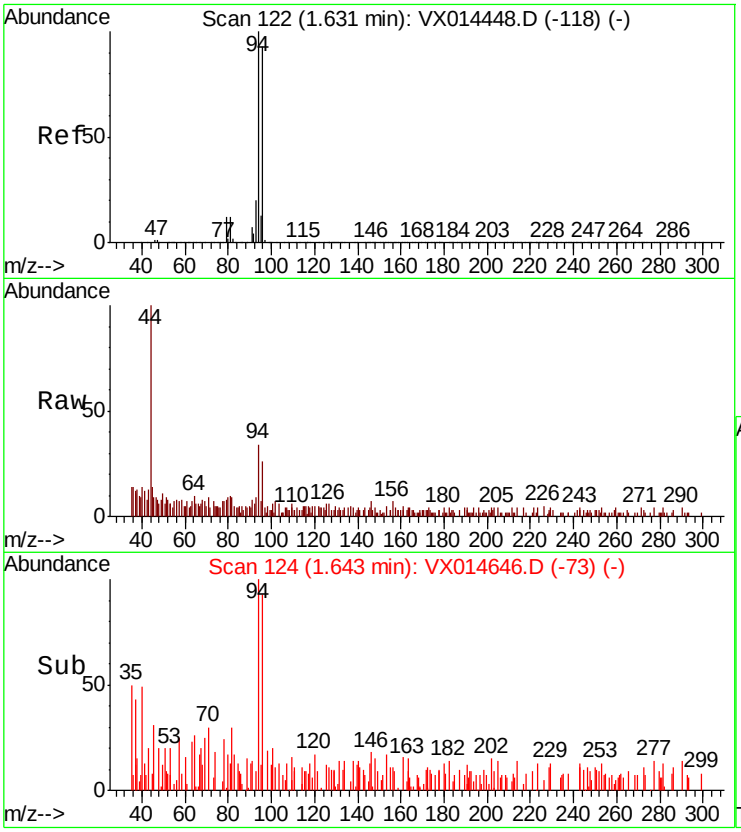


#2
Dichlorodifluoromethane
Concen: 0.276 ug/l
RT: 1.16 min Scan# 45
Delta R.T. -0.03 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Tgt Ion: 85 Resp: 122

Ion	Ratio	Lower	Upper
85	100		
87	74.3	16.5	49.5#



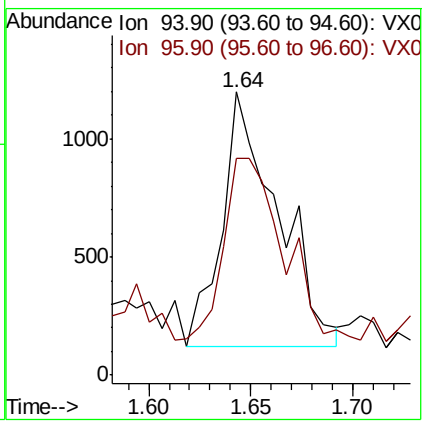


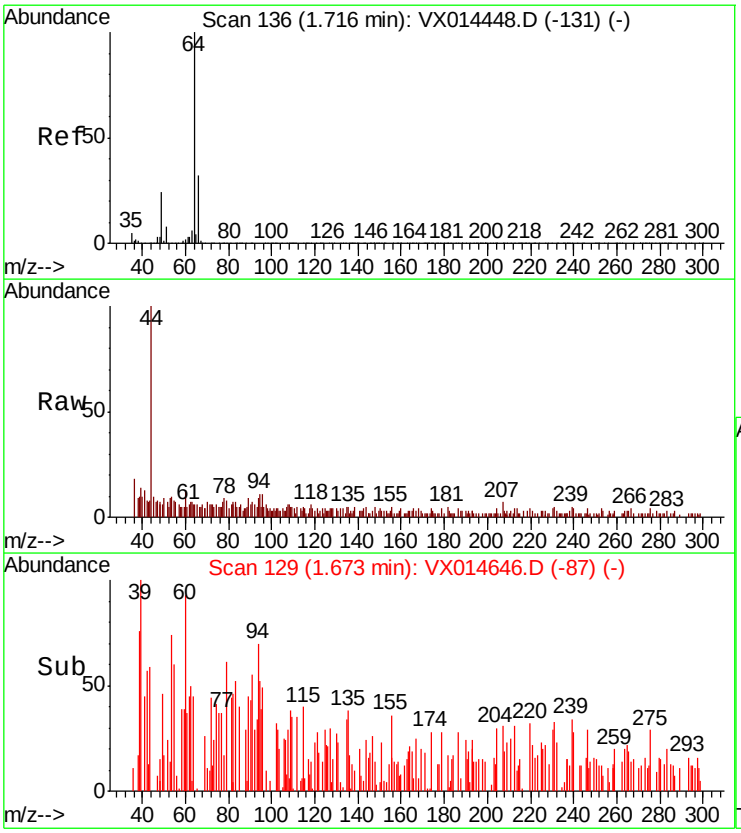
#5
Bromomethane
Concen: 0.517 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 2048

Ion	Ratio	Lower	Upper
94	100		
96	70.8	74.2	111.2#

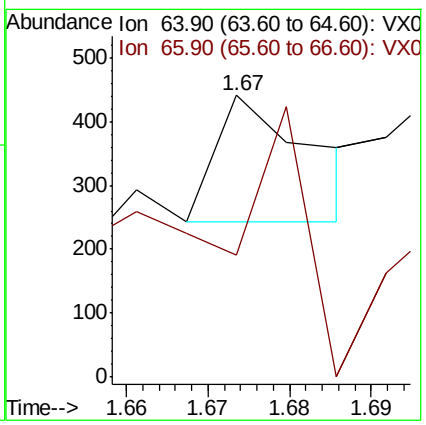


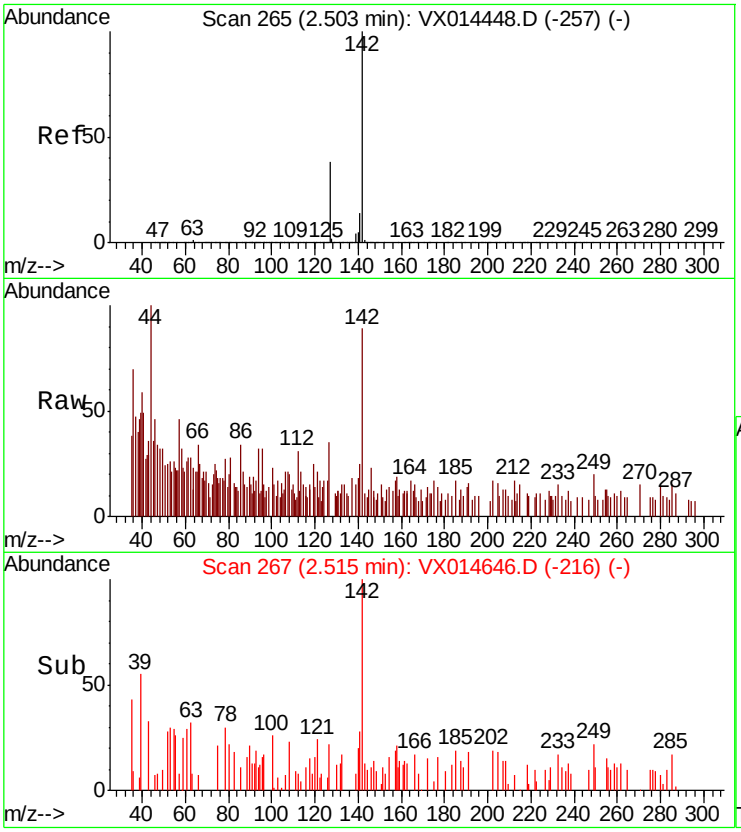


#6
Chloroethane
Concen: Below Cal
RT: 1.67 min Scan# 129
Delta R.T. -0.04 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Tgt Ion: 64 Resp: 161

Ion	Ratio	Lower	Upper
64	100		
66	95.5	25.3	37.9#



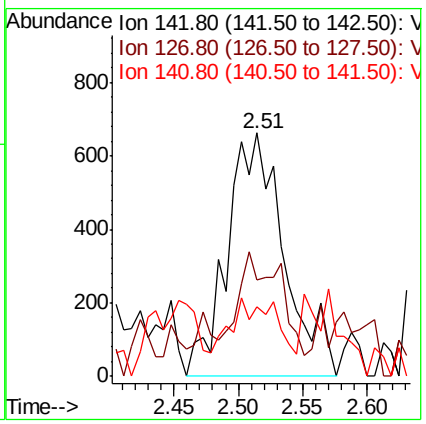


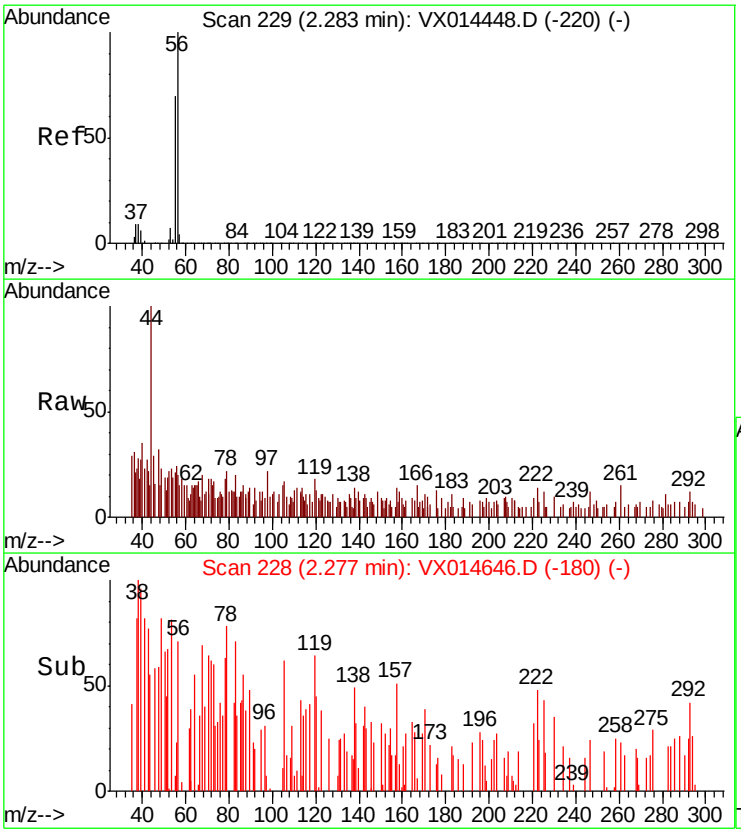
#10
Methyl Iodide
Concen: 0.412 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 2036

Ion	Ratio	Lower	Upper
142	100		
127	30.0	31.2	46.8#
141	7.4	11.4	17.2#

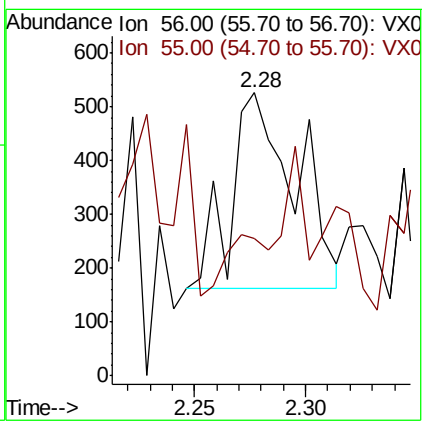


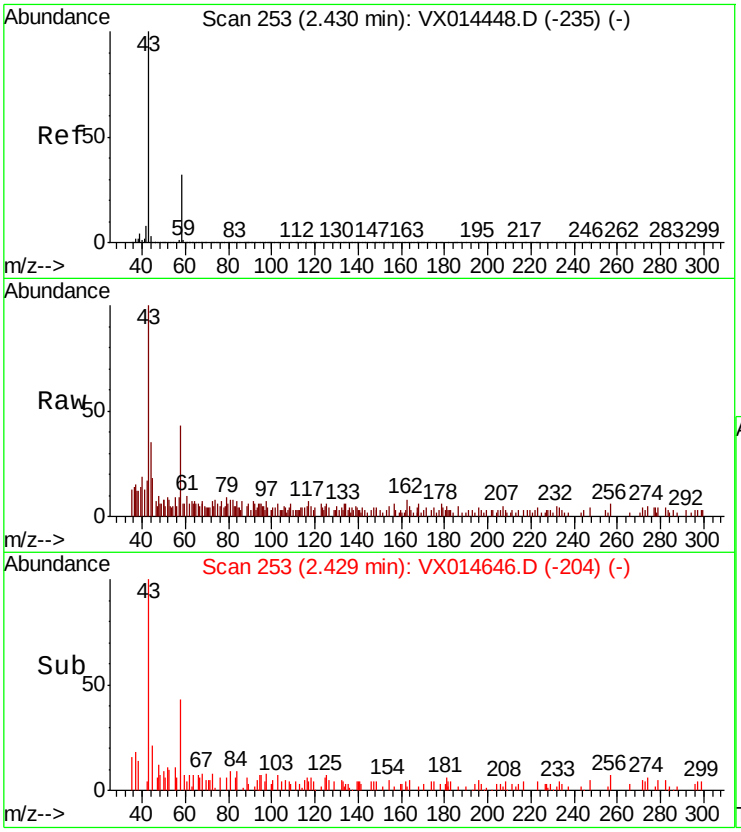


#13
Acrolein
Concen: 0.943 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Tgt Ion: 56 Resp: 742

Ion	Ratio	Lower	Upper
56	100		
55	41.9	55.0	82.6#



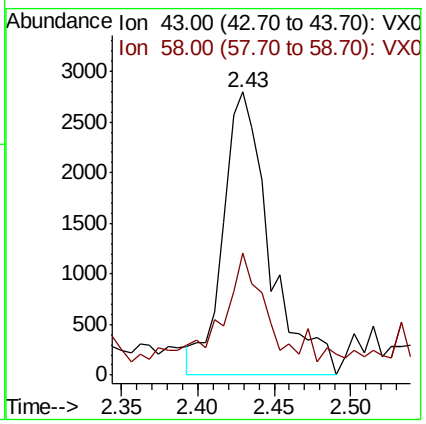


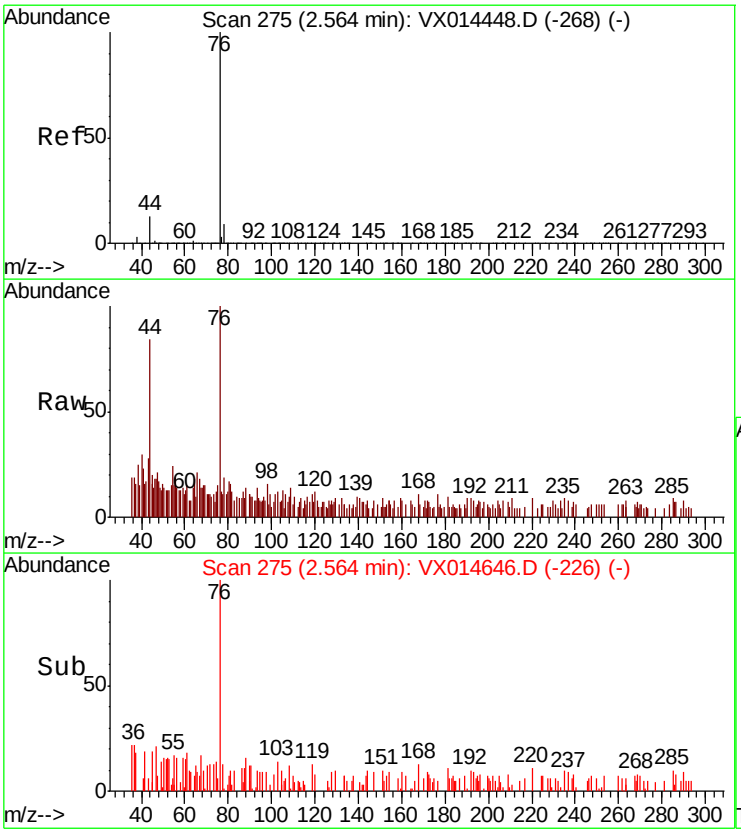
#16
Acetone
Concen: Below Cal
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 5925

Ion	Ratio	Lower	Upper
43	100		
58	36.1	25.4	38.0

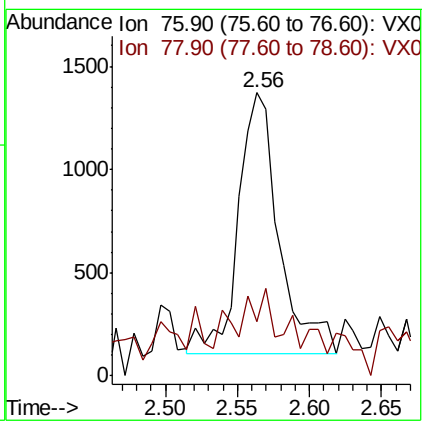


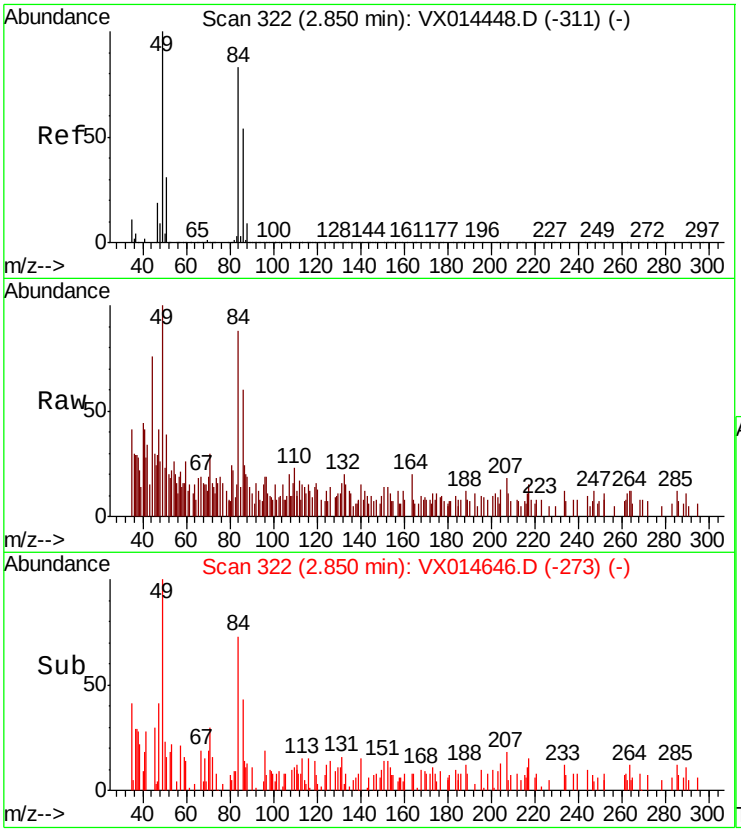


#17
Carbon Disulfide
Concen: 0.213 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Tgt Ion: 76 Resp: 2472

Ion	Ratio	Lower	Upper
76	100		
78	4.5	7.4	11.2#



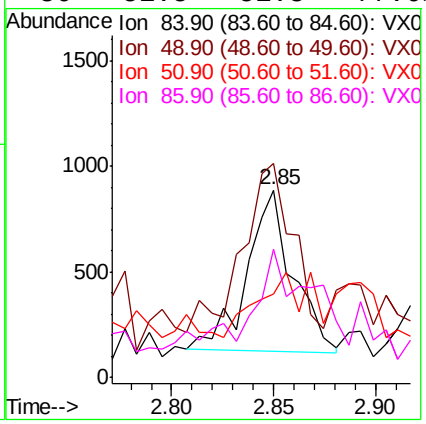


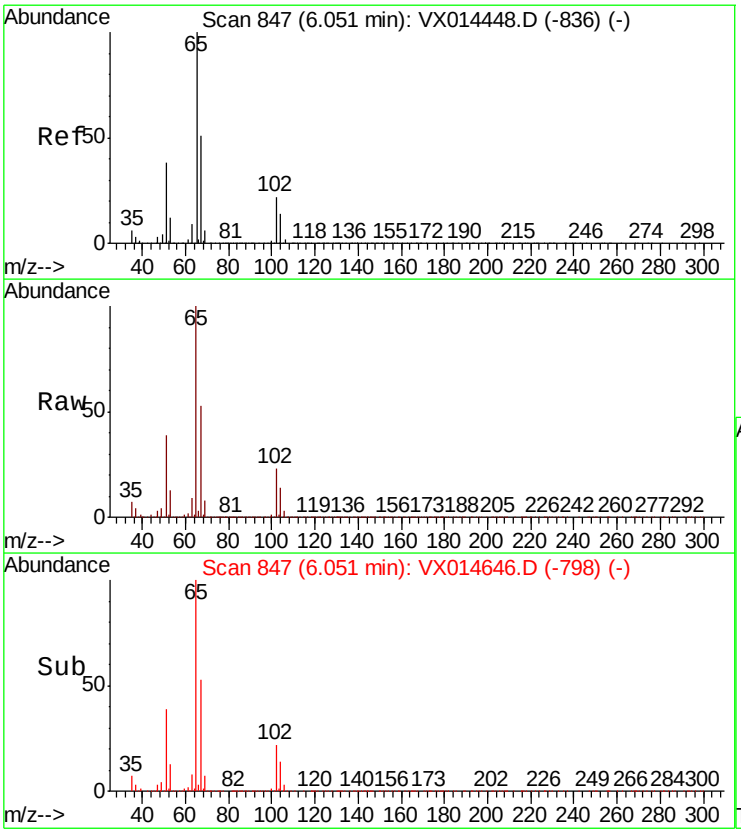
#20
Methylene Chloride
Concen: 0.256 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 1208

Ion	Ratio	Lower	Upper
84	100		
49	107.1	95.8	143.8
51	12.7	30.2	45.4#
86	51.5	51.8	77.6#

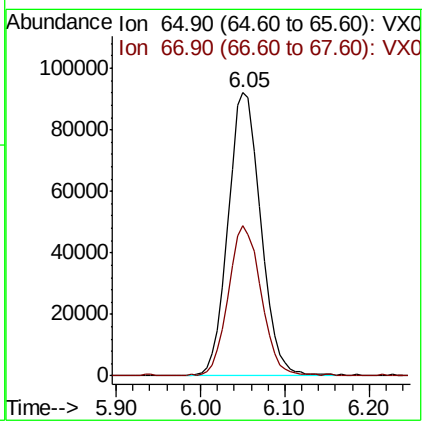


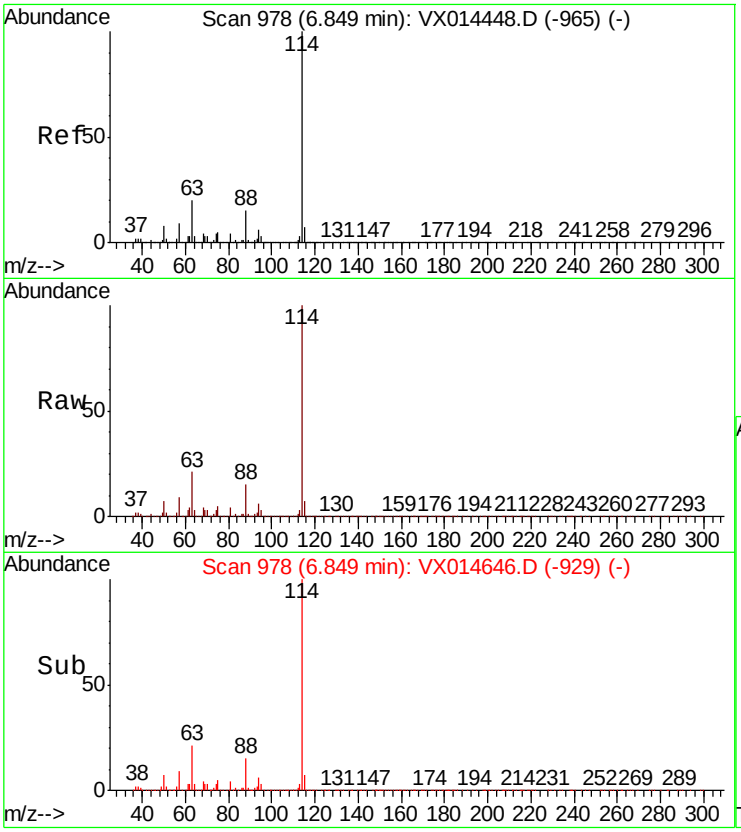


#33
1,2-Dichloroethane-d4
Concen: 51.169 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Tgt Ion: 65 Resp: 240459

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.2



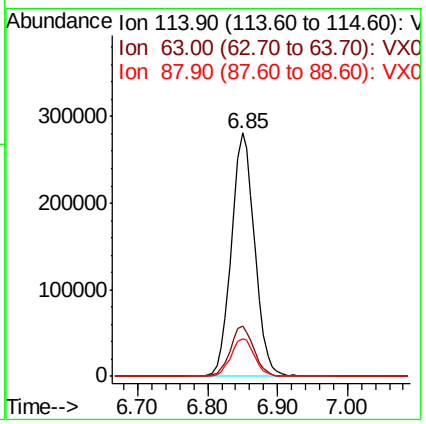


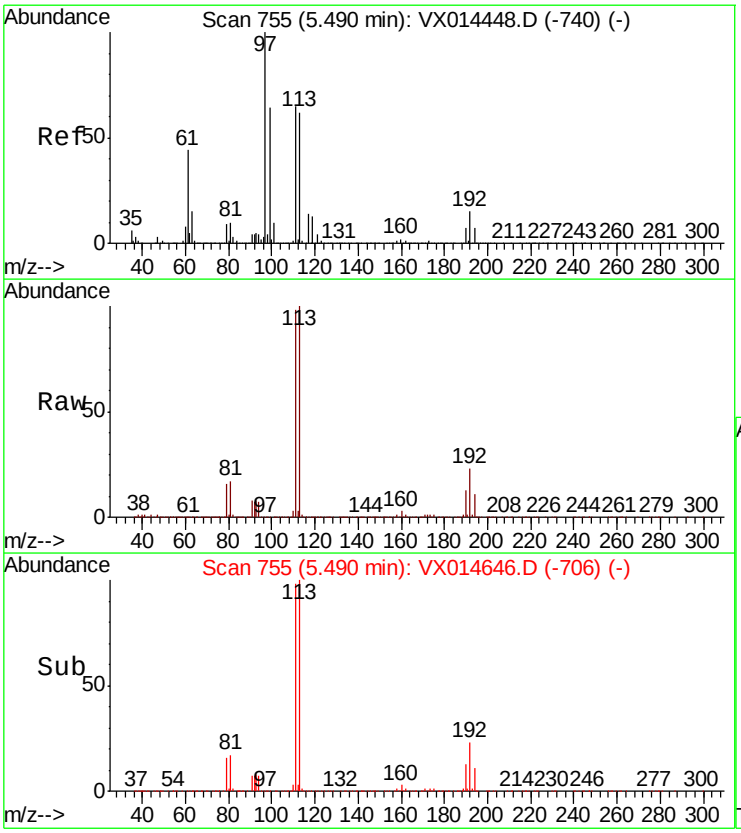
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 649061

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.6
88	15.1	0.0	30.8

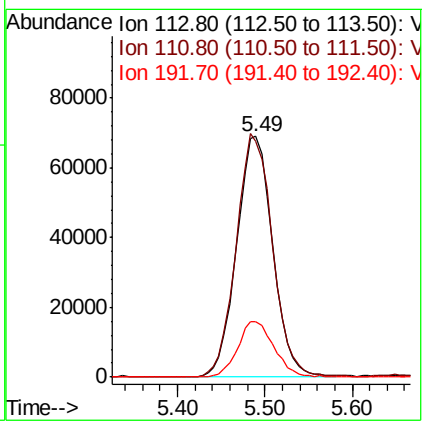


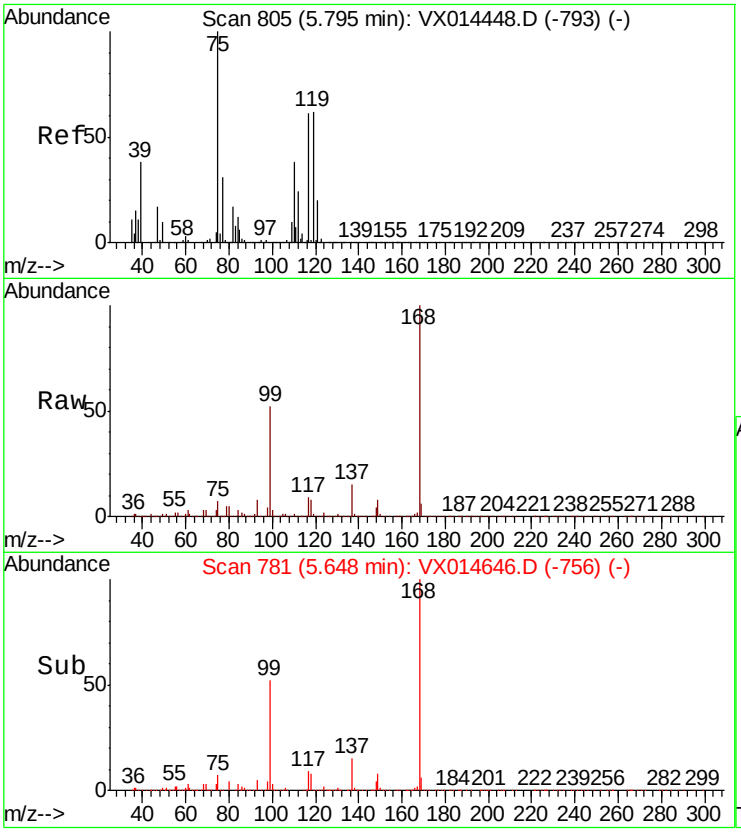


#35
Dibromofluoromethane
Concen: 50.289 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Tgt Ion:113 Resp: 197588

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.5	122.3
192	23.4	19.2	28.8



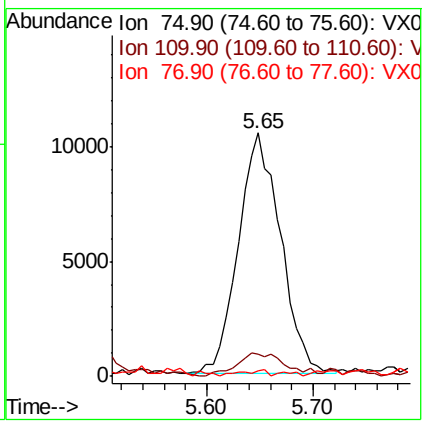


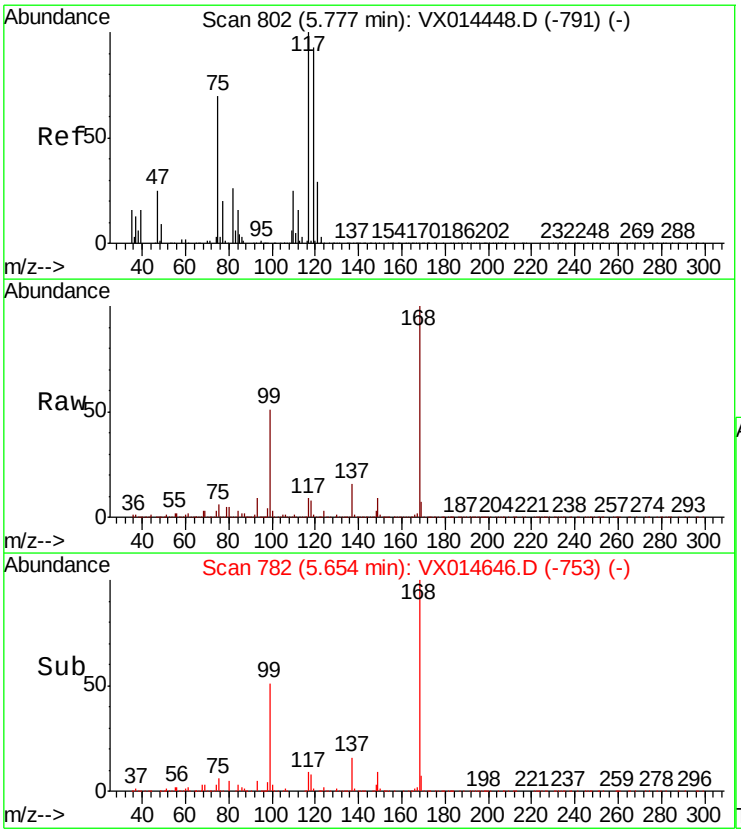
#36
1,1-Dichloropropene
Concen: 4.760 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.15 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 29056

Ion	Ratio	Lower	Upper
75	100		
110	11.3	18.6	55.8#
77	1.7	24.5	36.7#

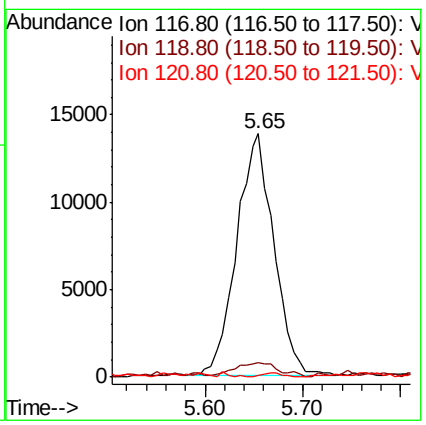


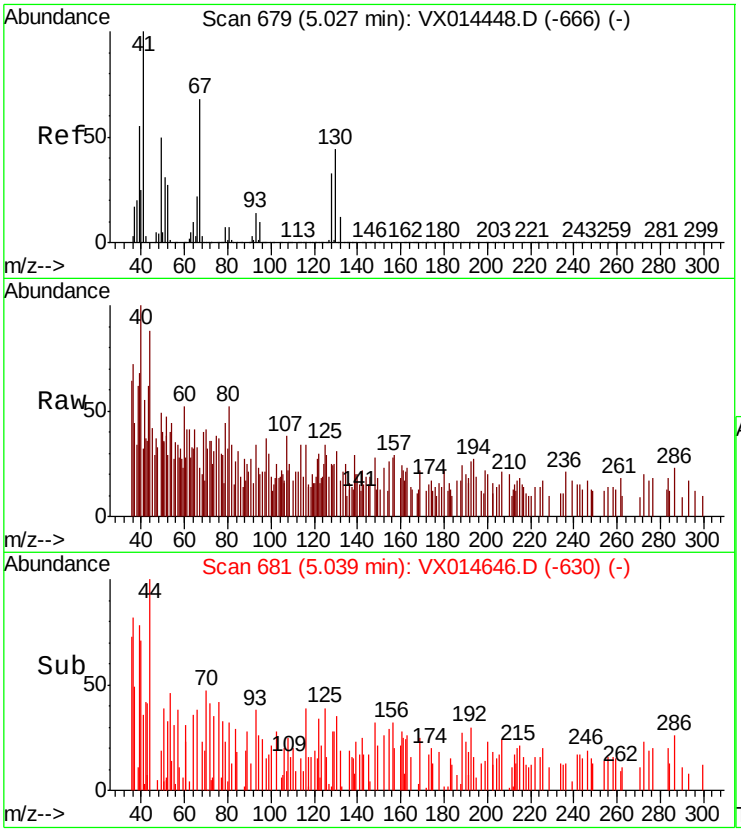


#38
Carbon Tetrachloride
Concen: 6.541 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Tgt Ion:117 Resp: 36739

Ion	Ratio	Lower	Upper
117	100		
119	5.3	73.8	110.8#
121	0.0	23.4	35.0#



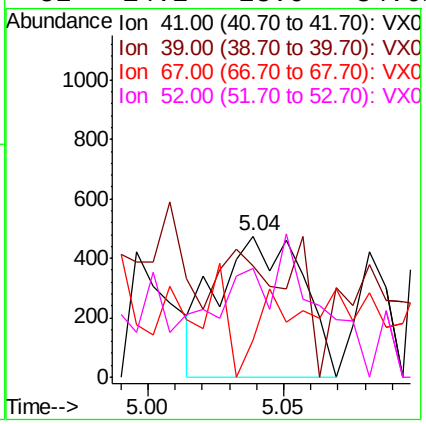


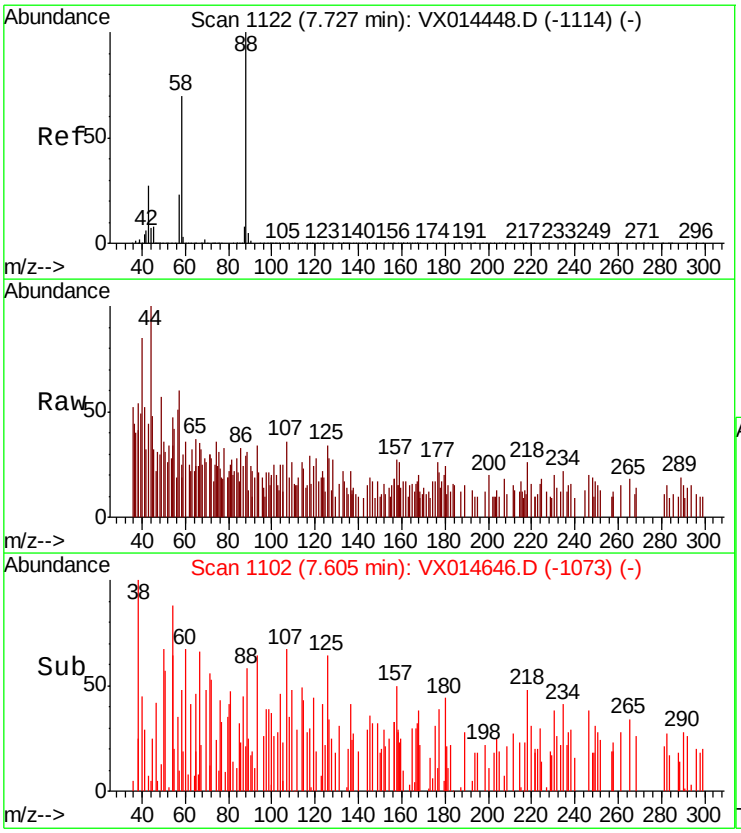
#41
Methacrylonitrile
Concen: 0.290 ug/l
RT: 5.04 min Scan# 681
Delta R.T. 0.01 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 1027

Ion	Ratio	Lower	Upper
41	100		
39	79.7	43.6	65.4#
67	36.5	57.9	86.9#
52	14.2	23.0	34.6#

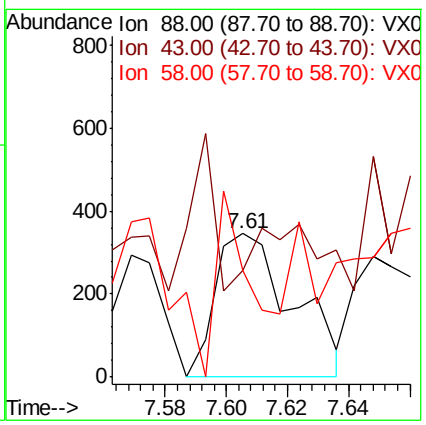


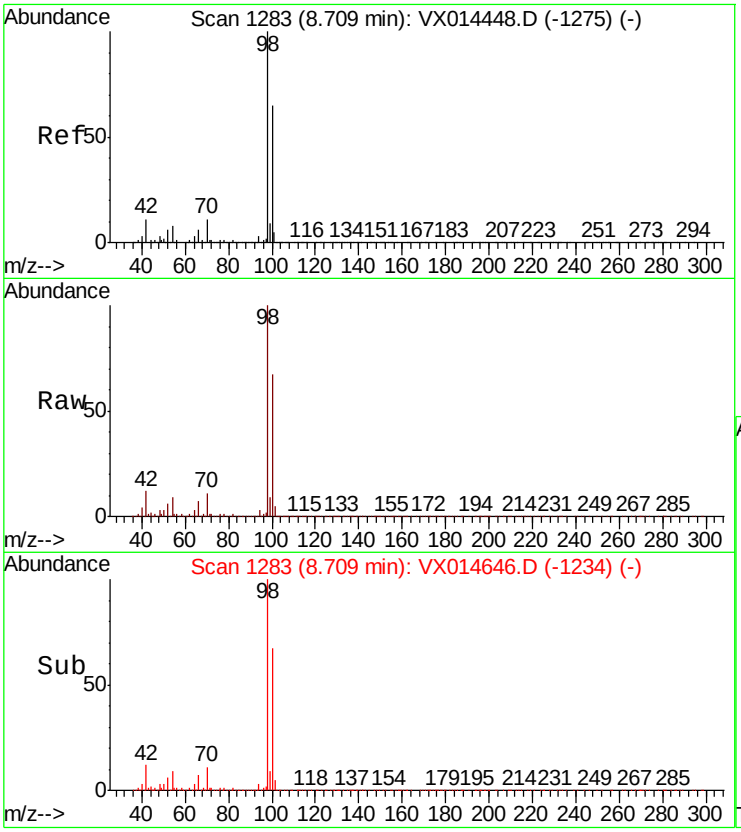


#49
1,4-Dioxane
Concen: 5.575 ug/l
RT: 7.61 min Scan# 1102
Delta R.T. -0.12 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Tgt Ion: 88 Resp: 606

Ion	Ratio	Lower	Upper
88	100		
43	34.7	27.4	41.0
58	61.6	57.1	85.7



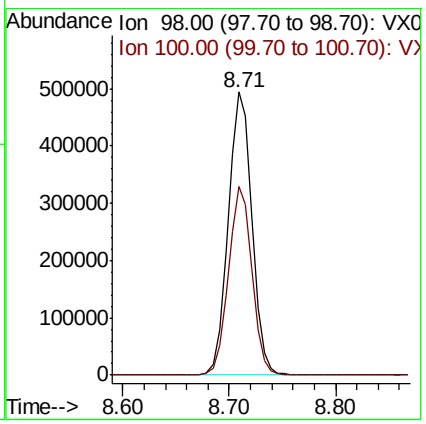


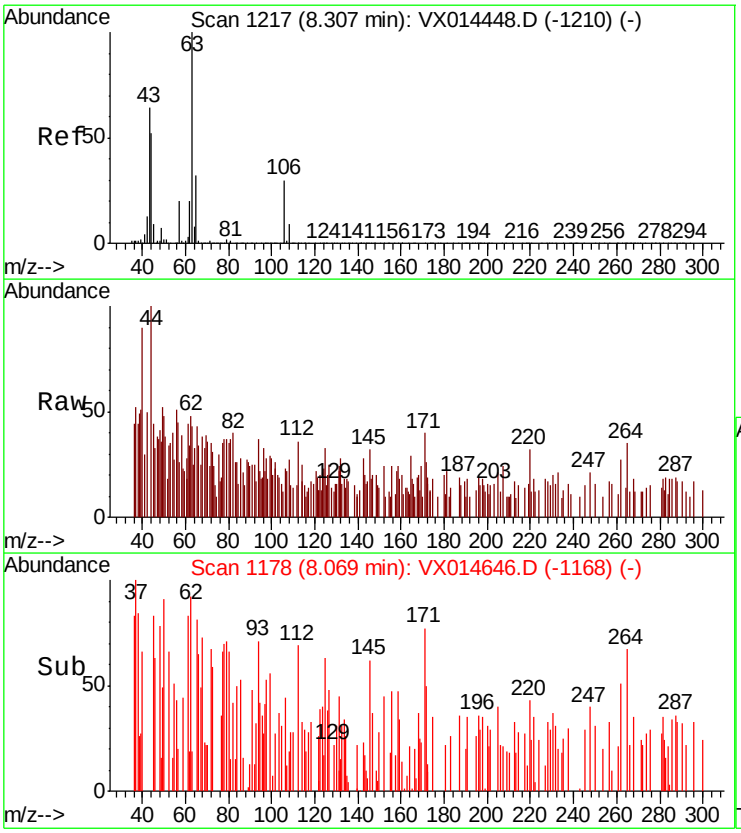
#50
Toluene-d8
Concen: 50.549 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 770732

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.2	79.8

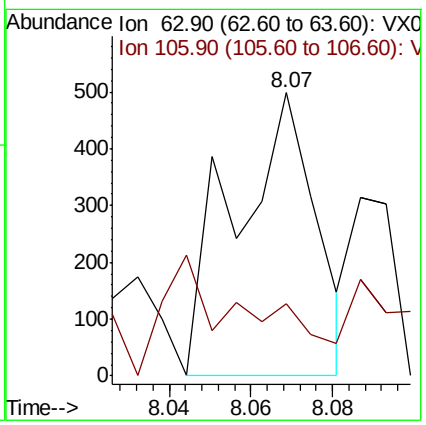


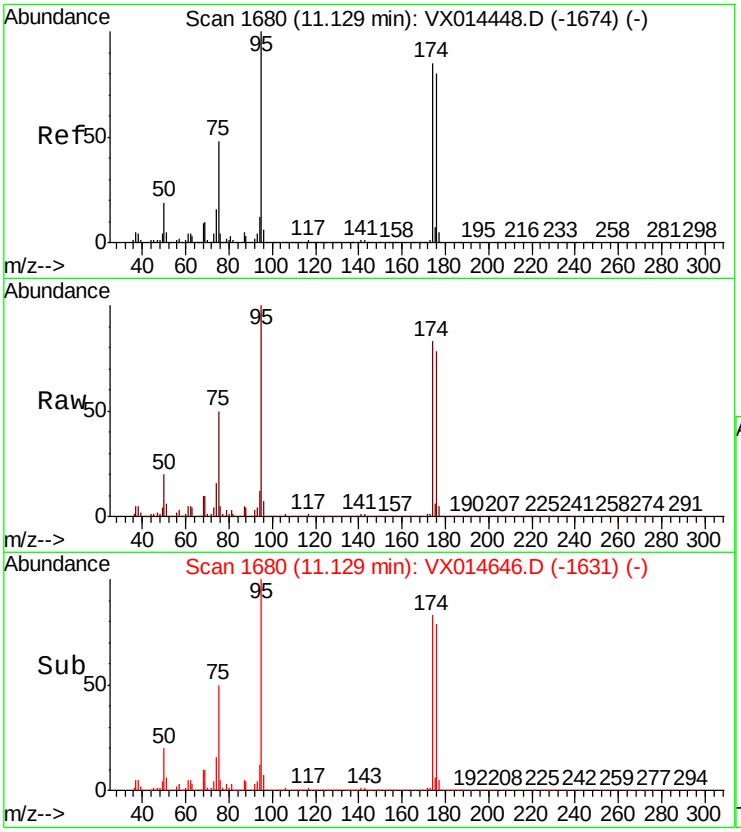


#58
2-Chloroethyl Vinyl ether
Concen: 0.286 ug/l
RT: 8.07 min Scan# 1178
Delta R.T. -0.24 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Tgt Ion: 63 Resp: 694

Ion	Ratio	Lower	Upper
63	100		
106	25.9	23.6	35.4



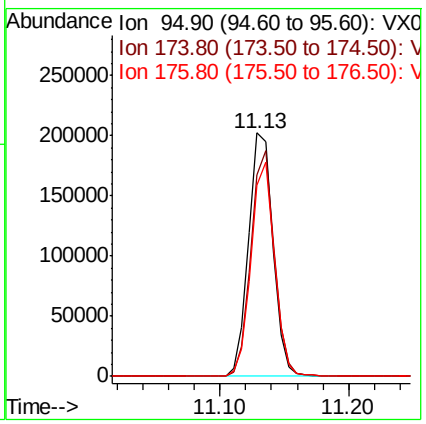


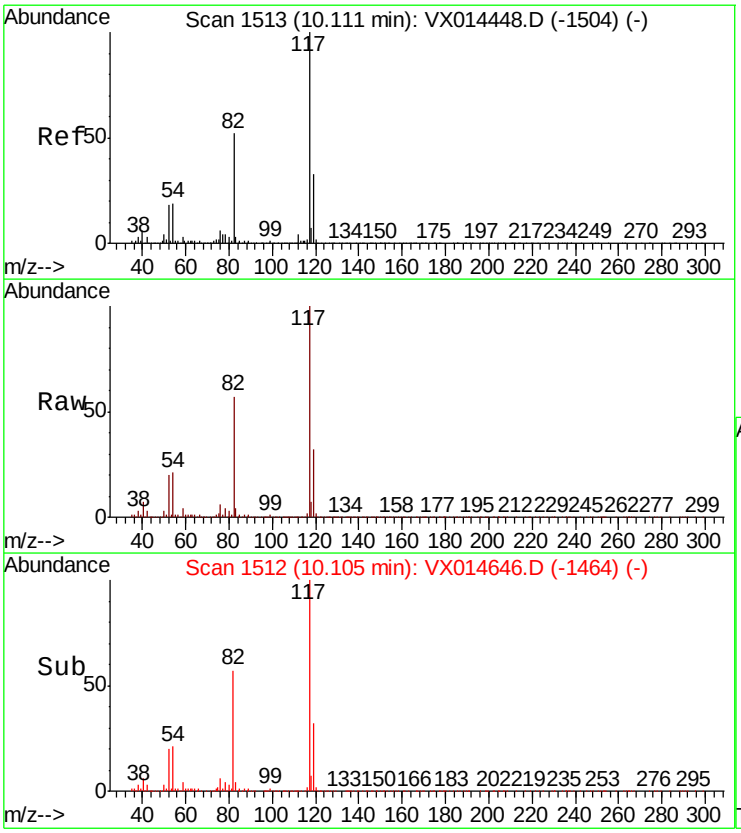
#62
4-Bromofluorobenzene
Concen: 46.828 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 262118

Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	180.8
176	84.9	0.0	172.8

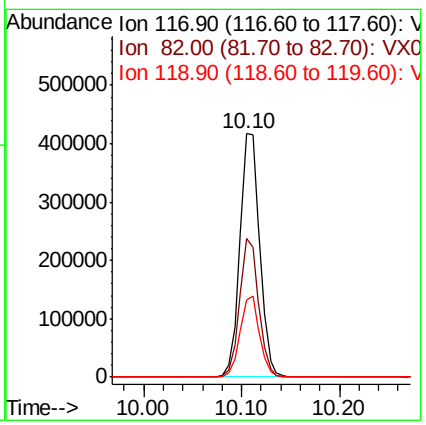


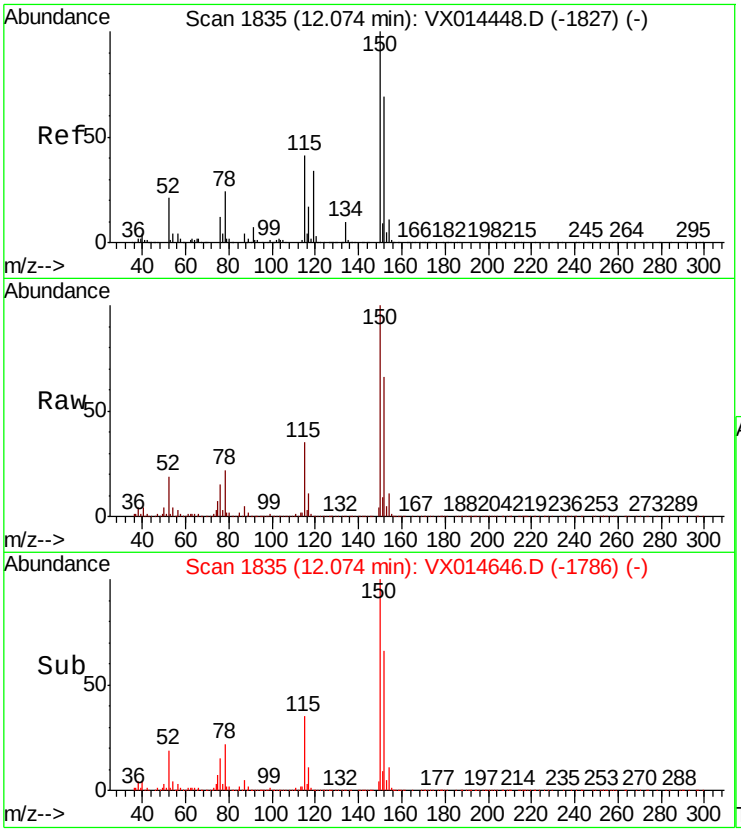


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Tgt Ion:117 Resp: 587576

Ion	Ratio	Lower	Upper
117	100		
82	56.7	41.8	62.6
119	31.9	26.2	39.4



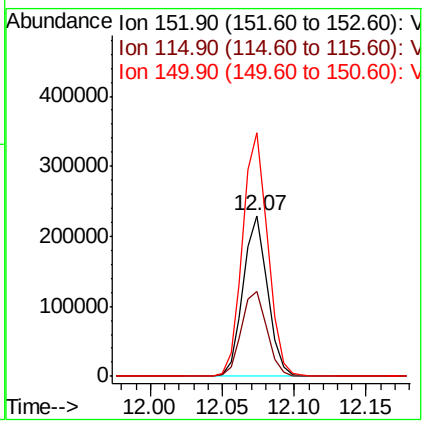


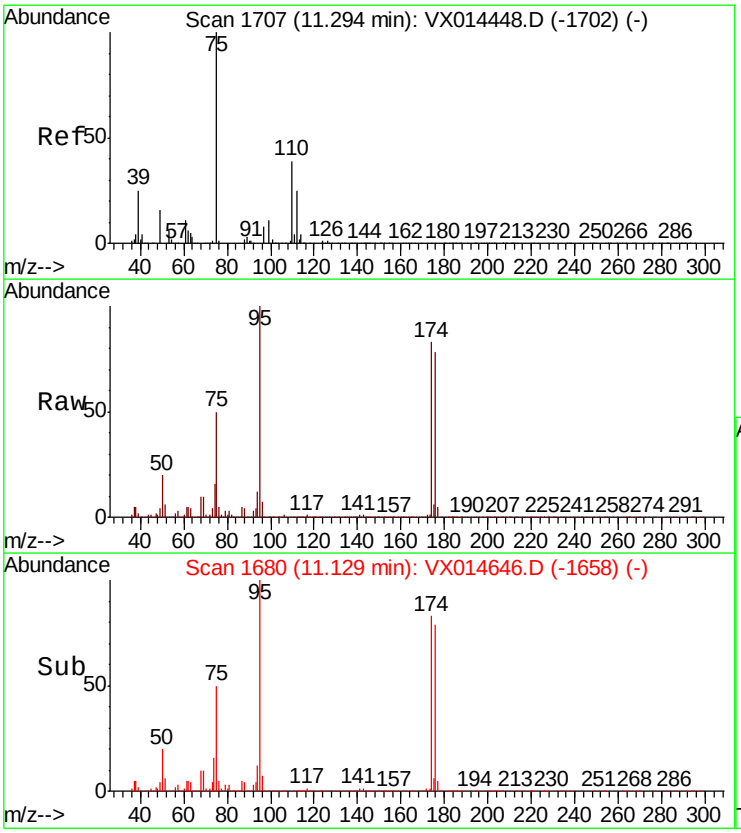
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 268205

Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.5	118.3
150	156.3	0.0	350.2

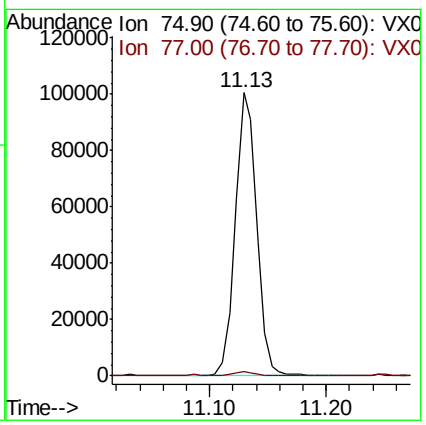


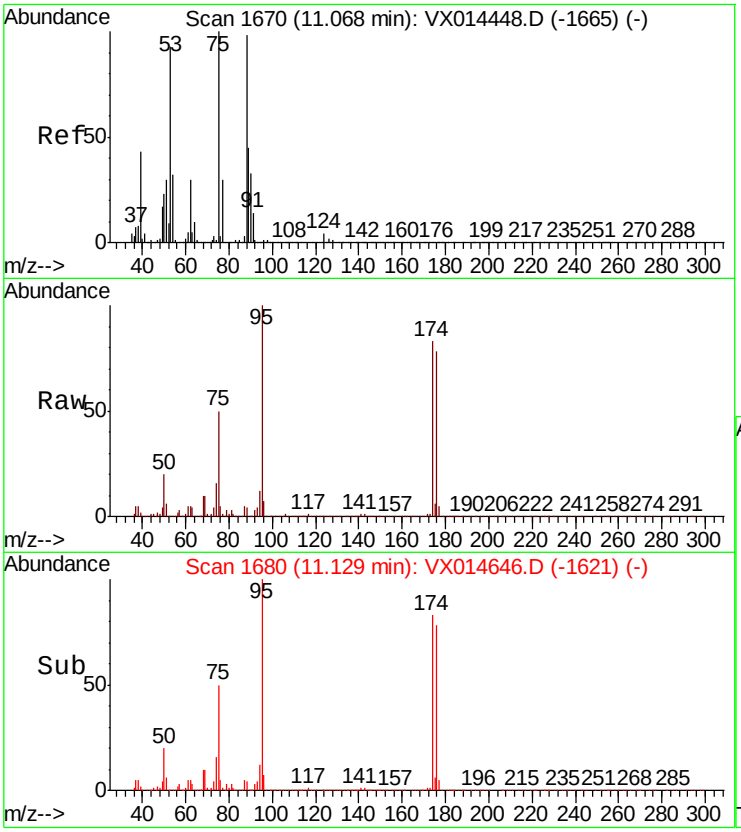


#76
1,2,3-Trichloropropane
Concen: 23.105 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Tgt Ion: 75 Resp: 128216

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.9	65.7#



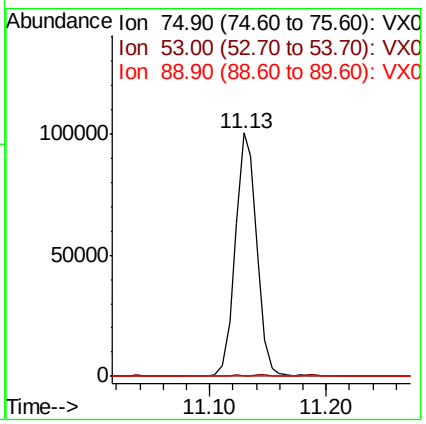


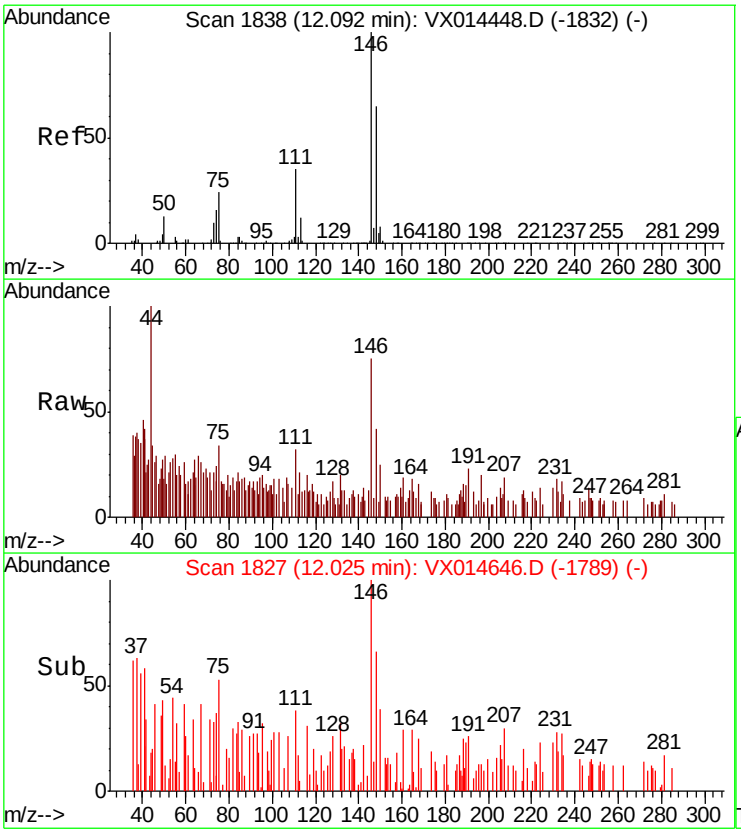
#81
trans-1,4-Dichloro-2-butene
Concen: 61.086 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 128216

Ion	Ratio	Lower	Upper
75	100		
53	0.4	74.8	112.2#
89	0.4	36.3	54.5#

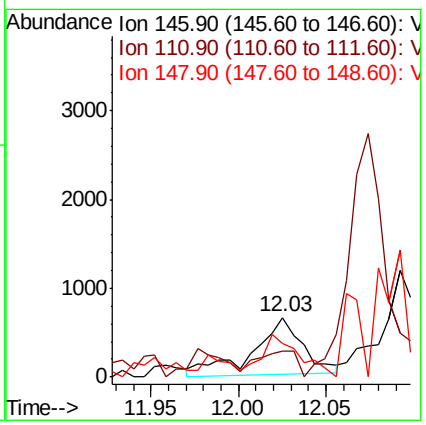


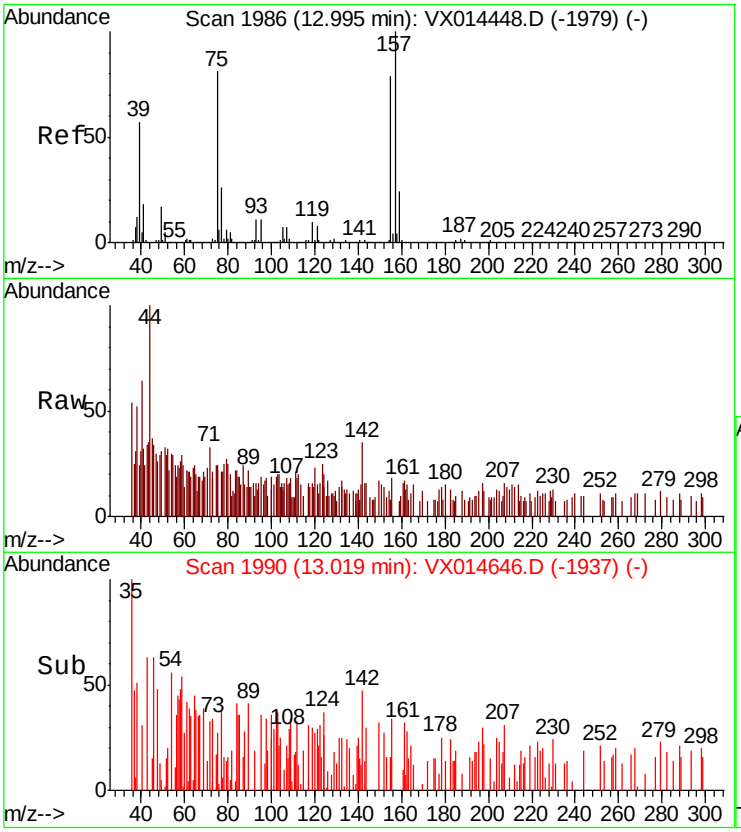


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 12.03 min Scan# 1827
Delta R.T. -0.07 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Tgt Ion:146 Resp: 1240

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	58.6	32.1	96.3



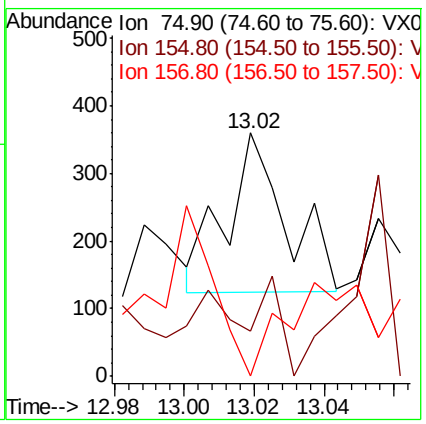


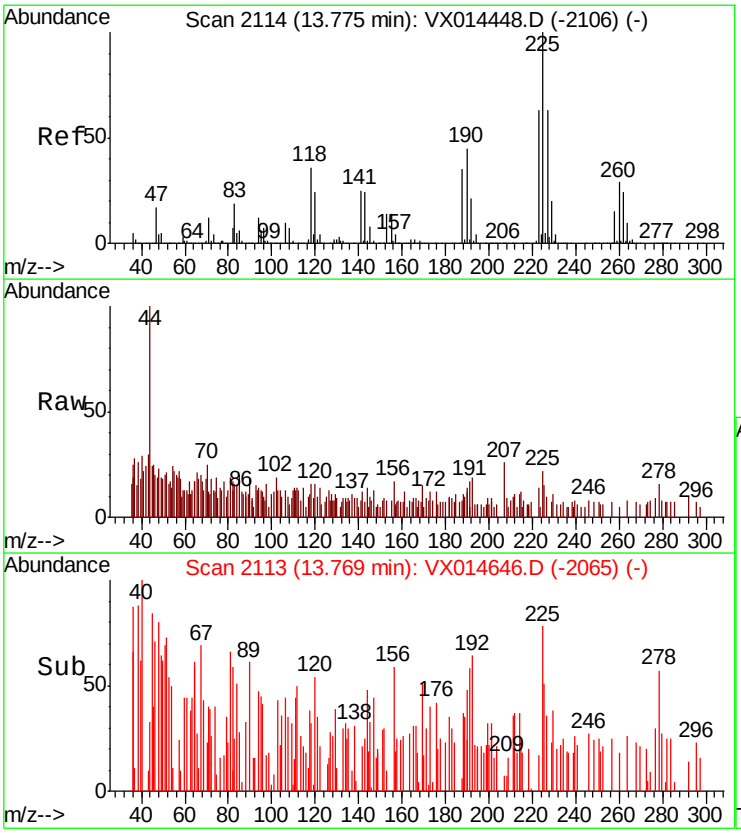
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.207 ug/l
RT: 13.02 min Scan# 1990
Delta R.T. 0.02 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 281

Ion	Ratio	Lower	Upper
75	100		
155	65.1	48.7	146.1
157	78.6	62.0	185.9

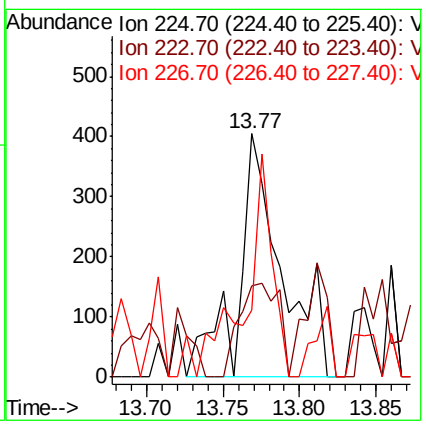


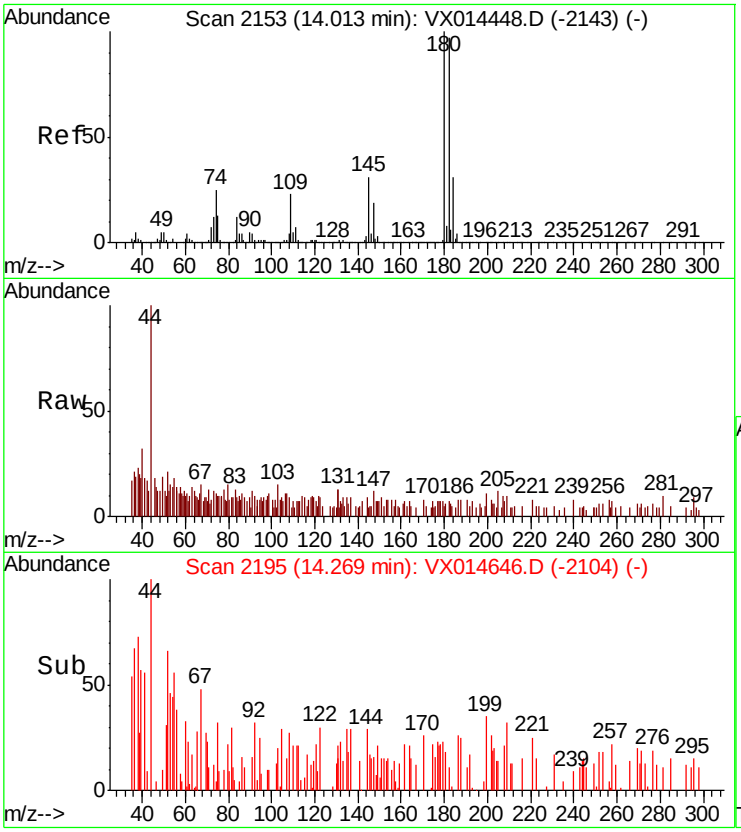


#94
Hexachlorobutadiene
Concen: 0.326 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. -0.01 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Tgt Ion:225 Resp: 800

Ion	Ratio	Lower	Upper
225	100		
223	35.4	31.1	93.2
227	59.1	31.4	94.2





#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 14.27 min Scan# 2195
Delta R.T. 0.26 min
Lab File: VX014646.D
Acq: 17 Jan 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 210

Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.9	143.6
145	41.4	14.8	44.3