Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006169.D
Acq On : 26 Nov 2018 12:31
Operator : JC/MD
Sample : J6016-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FB-112018

Quant Time: Nov 27 02:26:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	442683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	408488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192586	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187777	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.48%			
35) Dibromofluoromethane	5.50	113	152821	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.56%			
50) Toluene-d8	8.71	98	538486	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.36%			
62) 4-Bromofluorobenzene	11.14	95	180063	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.56%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	1030	0.364	ug/l #	64
5) Bromomethane	1.64	94	786	4.044	ug/l #	73
6) Chloroethane	1.73	64	632	Below Cal	#	49
10) Methyl Iodide	2.51	142	1079	0.385	ug/l #	62
11) Tert butyl alcohol	3.03	59	3116	4.192	ug/l #	85
12) 1,1-Dichloroethene	2.37	96	444	0.204	ug/l #	5
13) Acrolein	2.30	56	193	0.434	ug/l #	13
15) Acrylonitrile	3.15	53	371	0.226	ug/l #	68
16) Acetone	2.45	43	1076	0.694	ug/l	90
17) Carbon Disulfide	2.57	76	4146	0.705	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	539	0.237	ug/l #	43
29) Tetrahydrofuran	5.15	42	376	0.209	ug/l #	78
36) 1,1-Dichloropropene	5.67	75	20998	5.214	ug/l #	51
38) Carbon Tetrachloride	5.67	117	27859	7.360	ug/l #	17
49) 1,4-Dioxane	7.76	88	45	0.500	ug/l #	1
56) Ethyl methacrylate	9.17	69	103	2.885	ug/l #	23
58) 2-Chloroethyl Vinyl ether	8.27	63	180	6.785	ug/l	94
74) N-amyl acetate	10.91	43	367	2.252	ug/l #	61
76) 1,2,3-Trichloropropane	11.14	75	90609	22.853	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	90609	77.293	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.65	180	1049	0.242	ug/l	94
94) Hexachlorobutadiene	13.78	225	510	0.241	ug/l	89

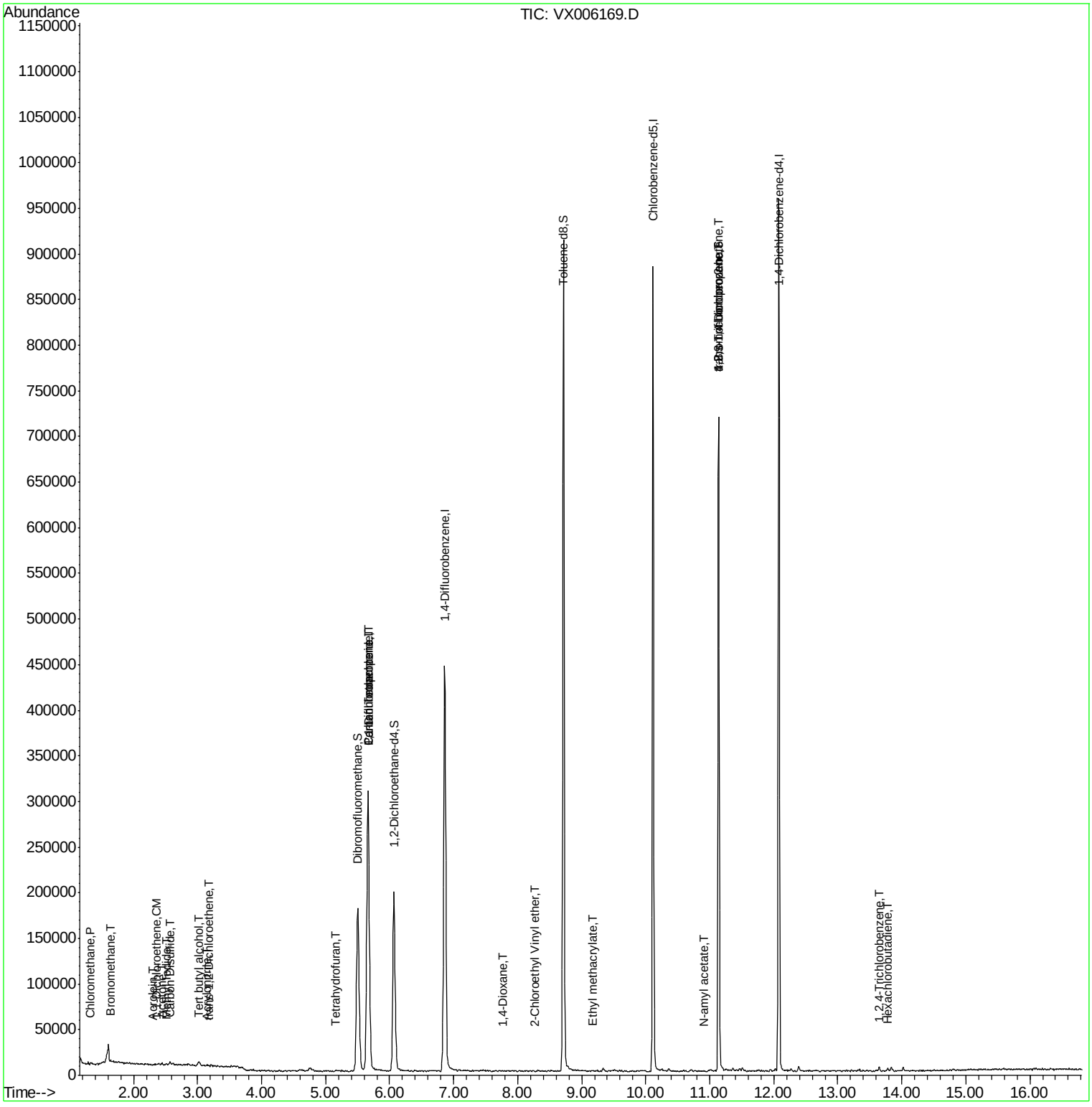
(#) = qualifier out of range (m) = manual integration (+) = signals summed

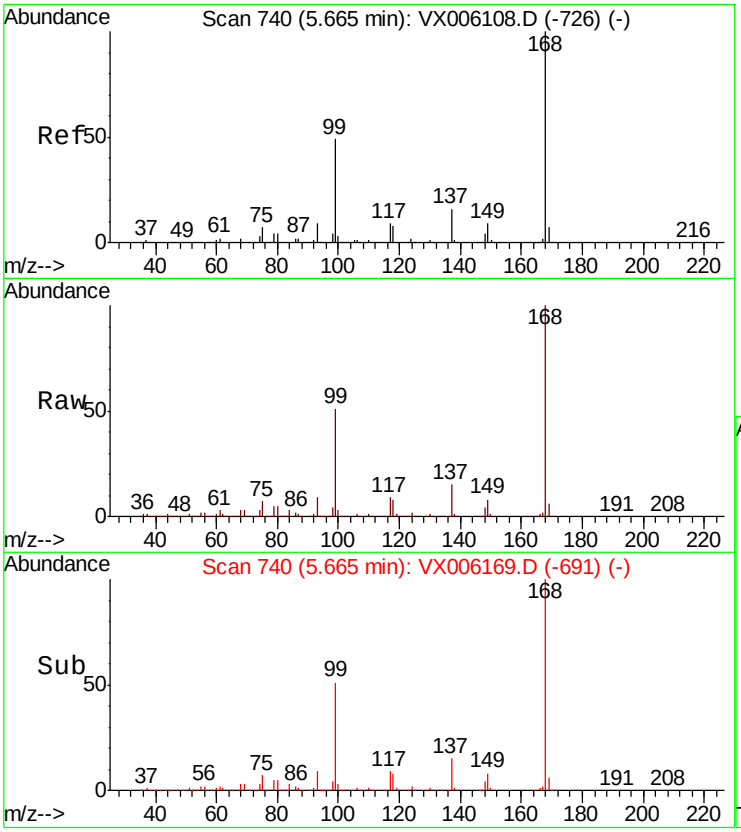
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006169.D
Acq On : 26 Nov 2018 12:31
Operator : JC/MD
Sample : J6016-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-112018

Quant Time: Nov 27 02:26:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration



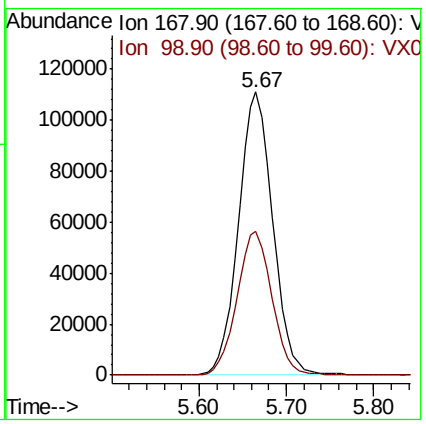


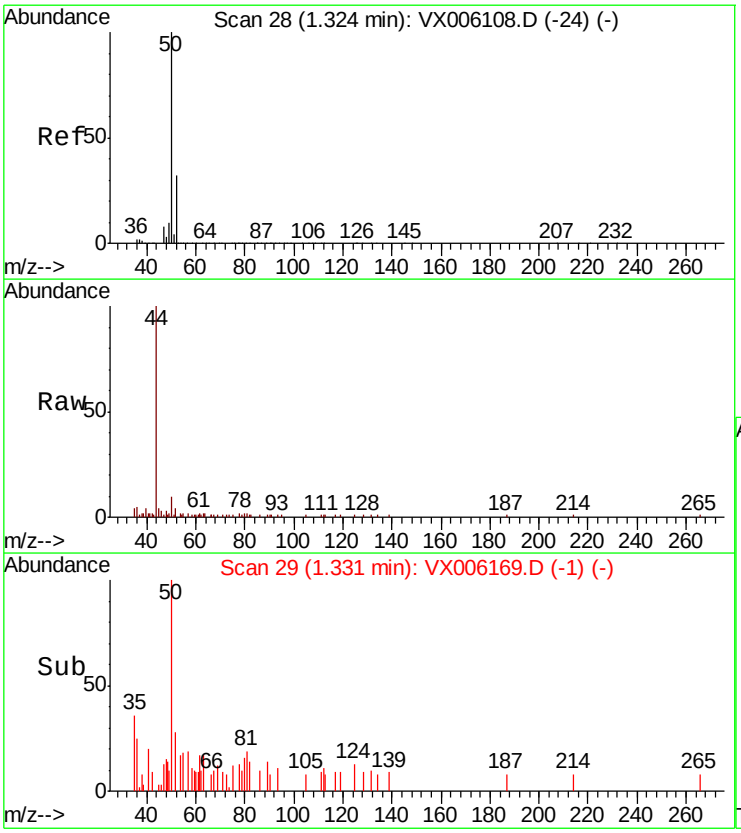
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
FB-112018

Tgt Ion:168 Resp: 301557

Ion	Ratio	Lower	Upper
168	100		
99	50.7	39.2	58.8

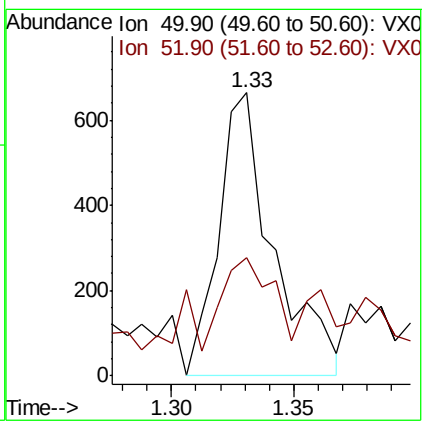


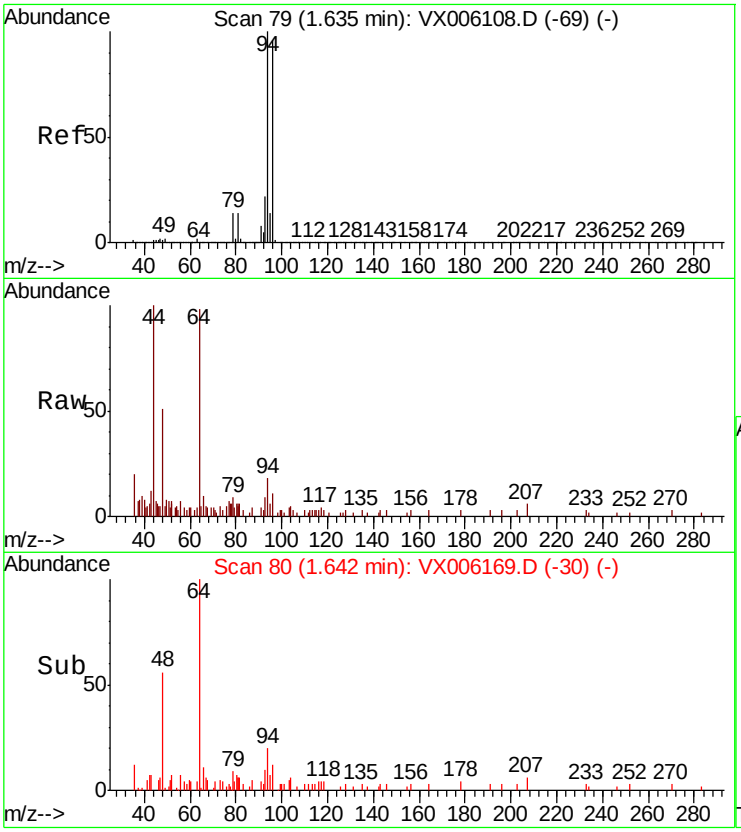


#3
Chloromethane
Concen: 0.364 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Tgt Ion: 50 Resp: 1030

Ion	Ratio	Lower	Upper
50	100		
52	11.9	25.6	38.4#



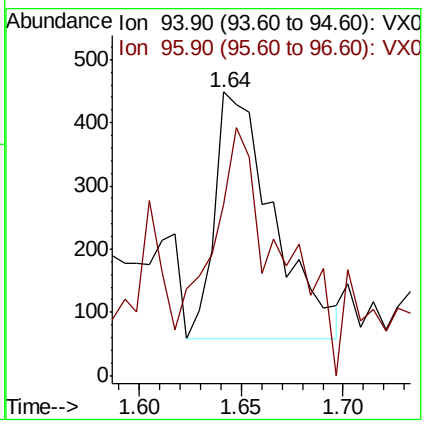


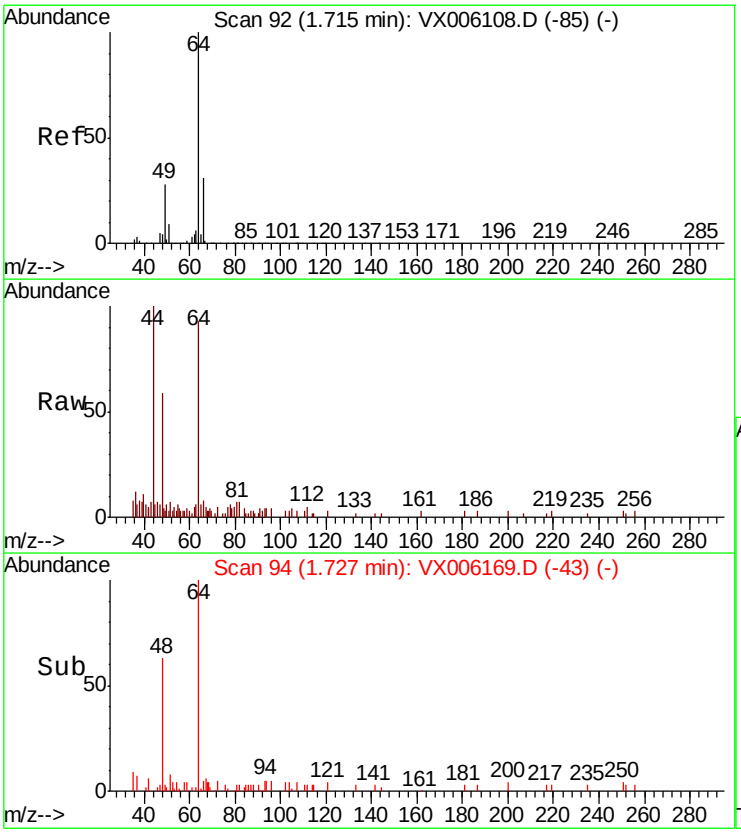
#5
Bromomethane
Concen: 4.044 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
FB-112018

Tgt Ion: 94 Resp: 786

Ion	Ratio	Lower	Upper
94	100		
96	69.1	76.7	115.1#

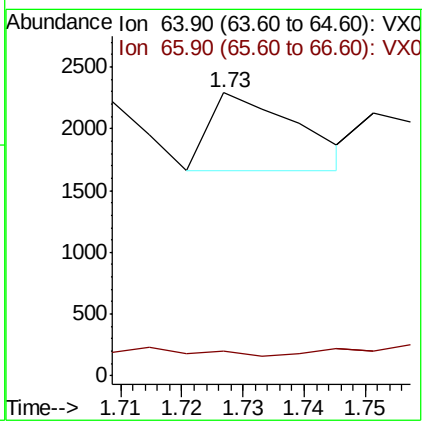


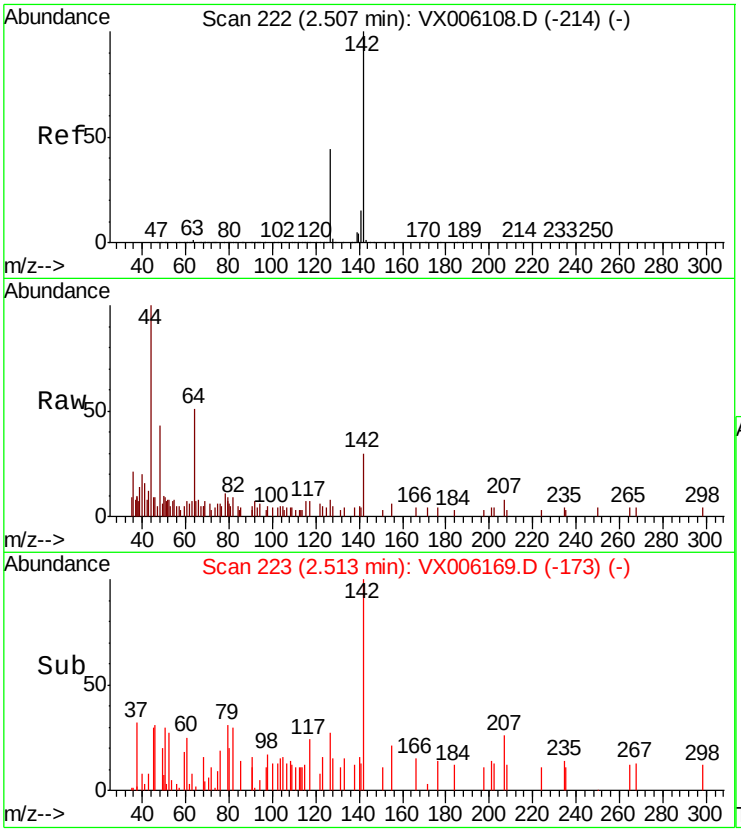


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Tgt Ion: 64 Resp: 632

Ion	Ratio	Lower	Upper
64	100		
66	3.0	25.1	37.7#



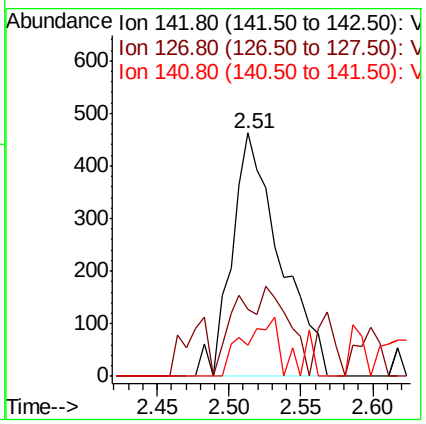


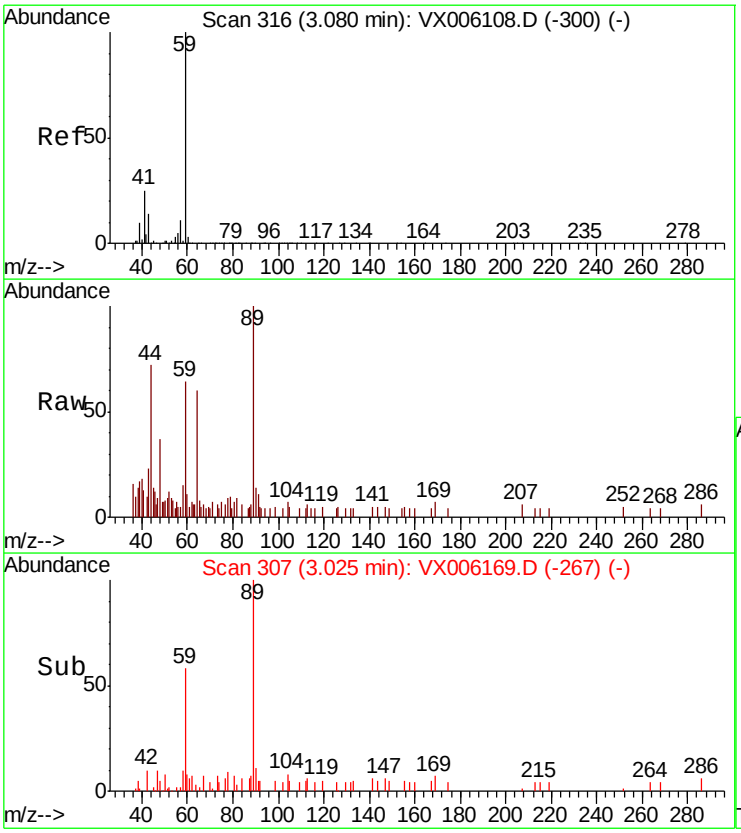
#10
Methyl Iodide
Concen: 0.385 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Instrument : MSVOA_X
ClientSampleId : FB-112018

Tgt Ion:142 Resp: 1079

Ion	Ratio	Lower	Upper
142	100		
127	19.6	36.0	54.0#
141	0.0	11.7	17.5#

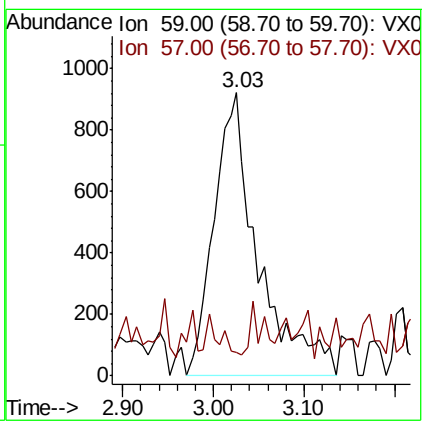


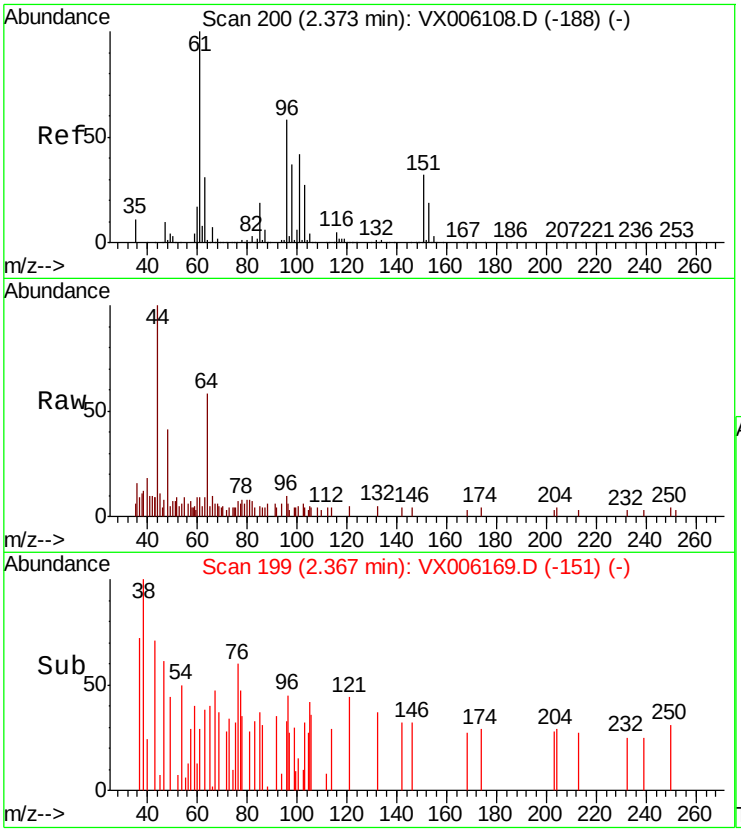


#11
Tert butyl alcohol
Concen: 4.192 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Tgt Ion: 59 Resp: 3116

Ion	Ratio	Lower	Upper
59	100		
57	5.3	8.7	13.1#



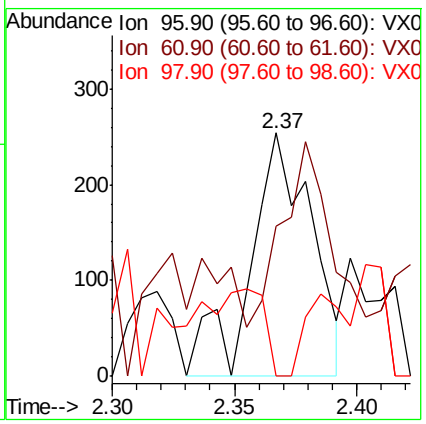


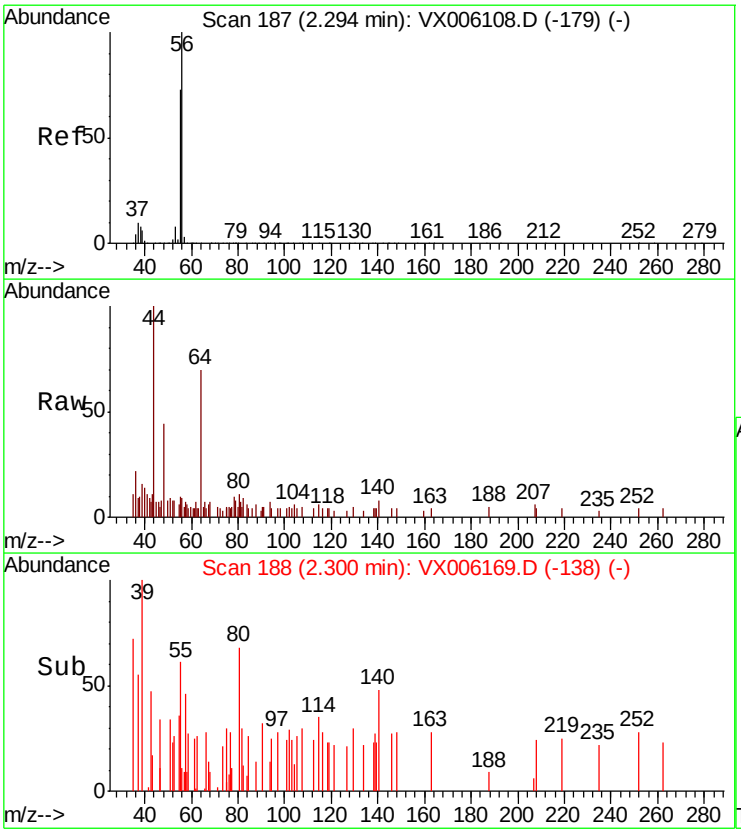
#12
1,1-Dichloroethene
Concen: 0.204 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Instrument : MSVOA_X
ClientSampleId : FB-112018

Tgt Ion: 96 Resp: 444

Ion	Ratio	Lower	Upper
96	100		
61	33.9	138.2	207.4#
98	0.0	51.3	76.9#

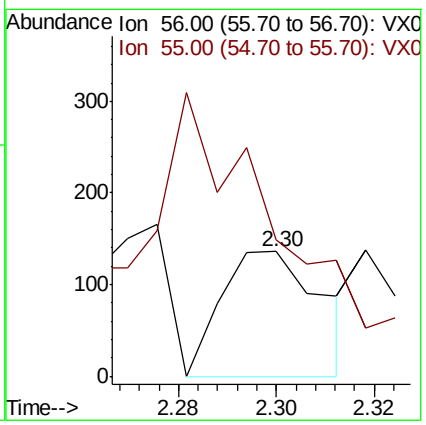


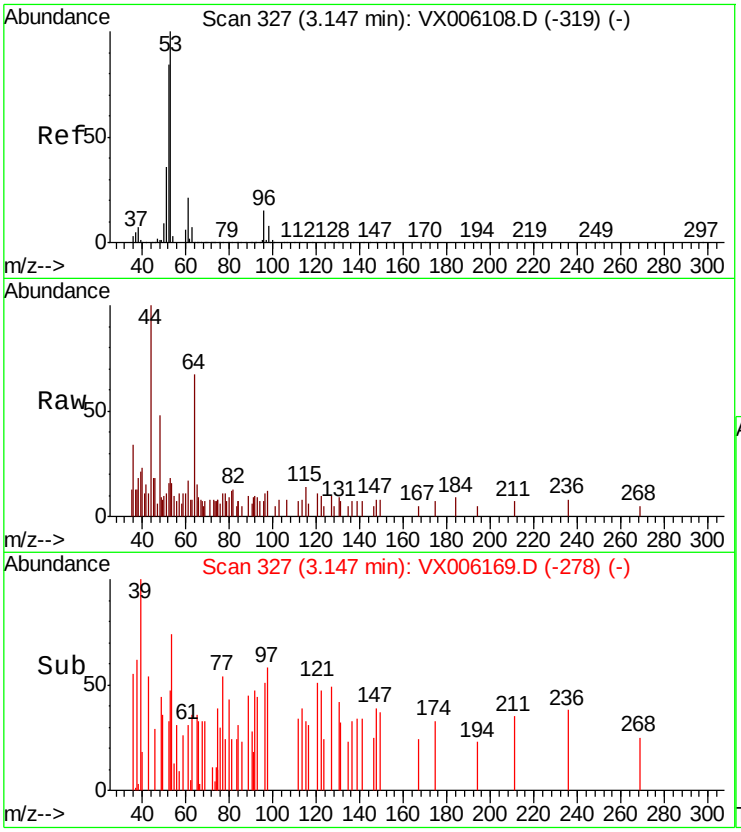


#13
Acrolein
Concen: 0.434 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Tgt Ion: 56 Resp: 193

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.8	86.6#



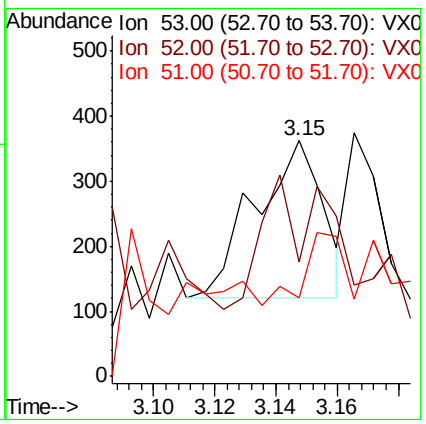


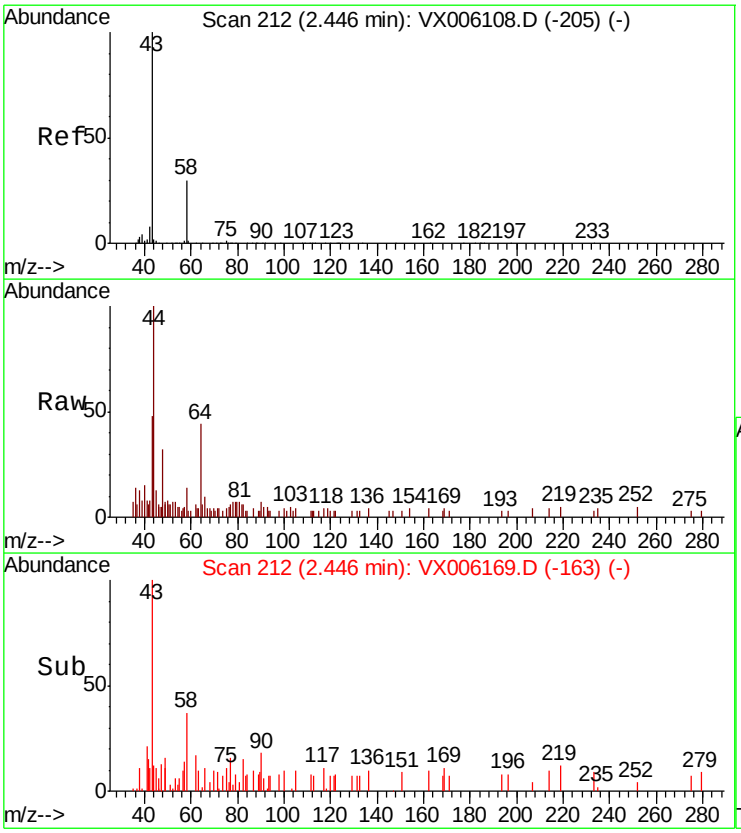
#15
Acrylonitrile
Concen: 0.226 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.00 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
FB-112018

Tgt Ion: 53 Resp: 371

Ion	Ratio	Lower	Upper
53	100		
52	42.3	66.4	99.6#
51	35.6	29.4	44.0

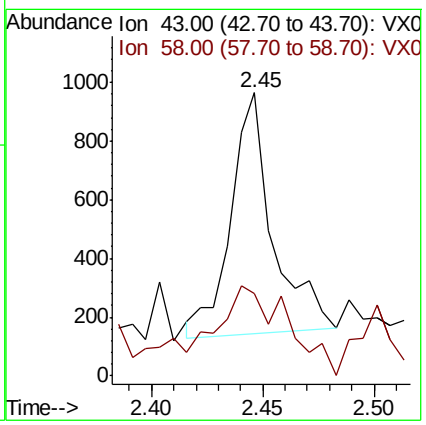


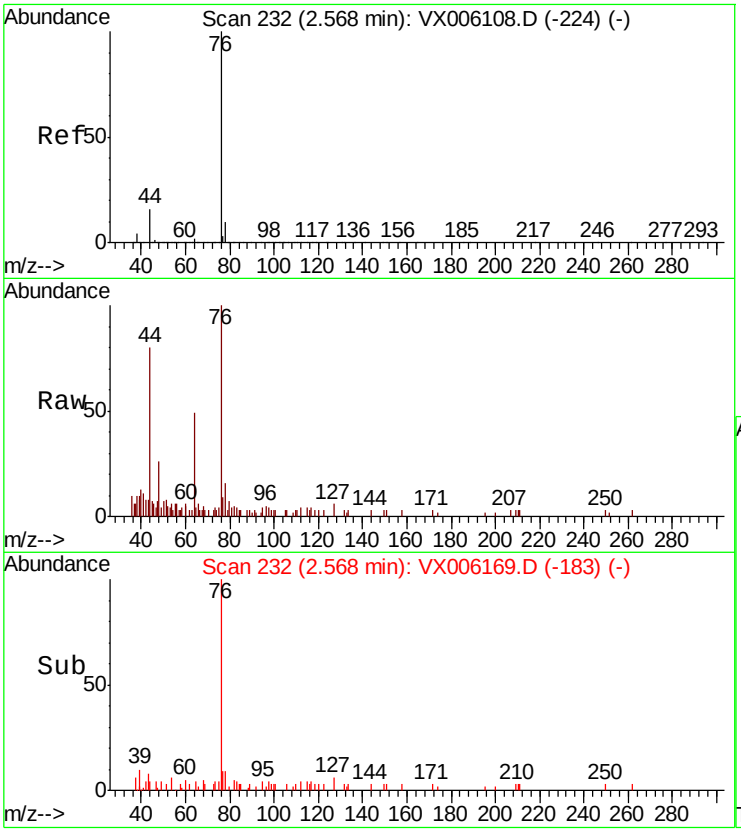


#16
Acetone
Concen: 0.694 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Tgt Ion: 43 Resp: 1076

Ion	Ratio	Lower	Upper
43	100		
58	35.0	23.8	35.8



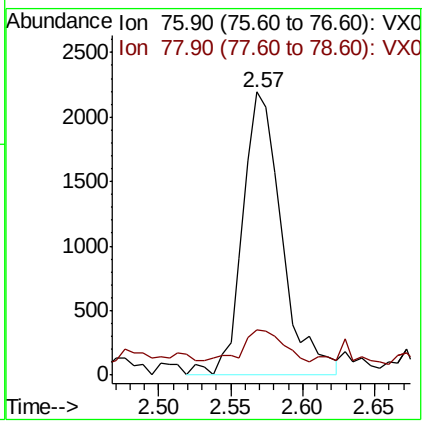


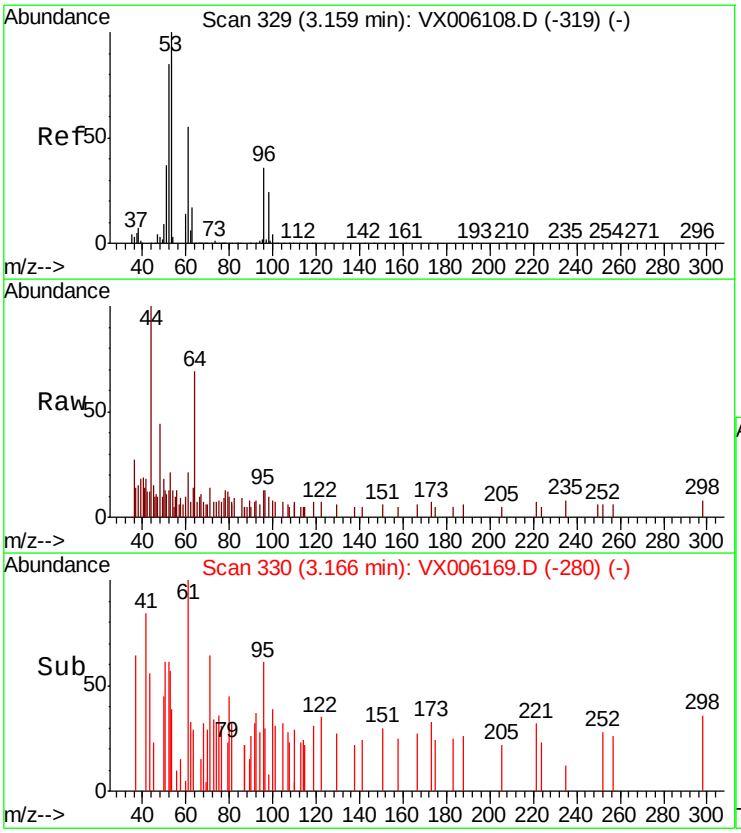
#17
Carbon Disulfide
Concen: 0.705 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
FB-112018

Tgt Ion: 76 Resp: 4146

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.7	11.5

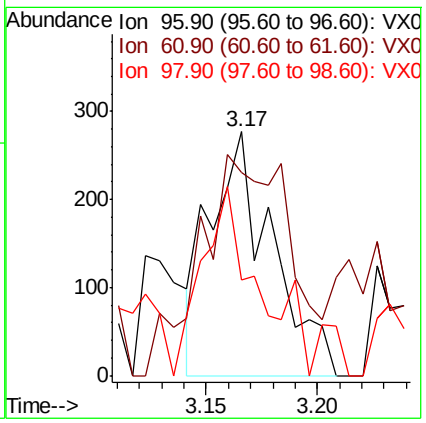


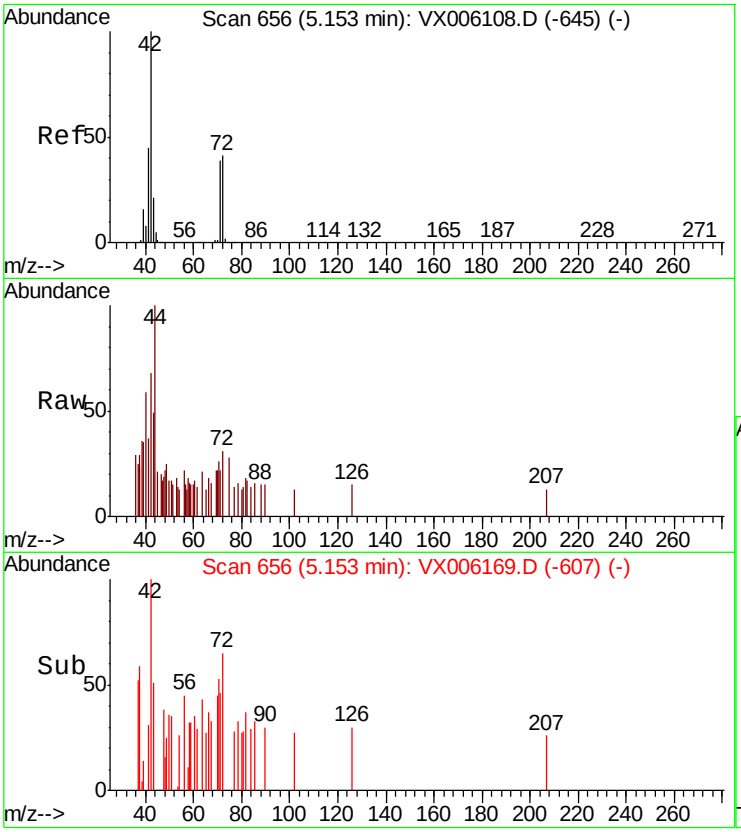


#21
trans-1,2-Dichloroethene
Concen: 0.237 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Tgt Ion: 96 Resp: 539

Ion	Ratio	Lower	Upper
96	100		
61	77.2	122.0	183.0#
98	24.7	52.7	79.1#



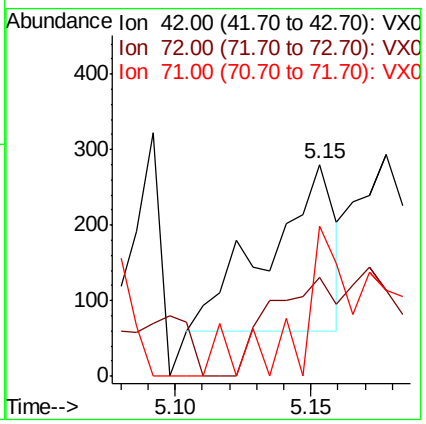


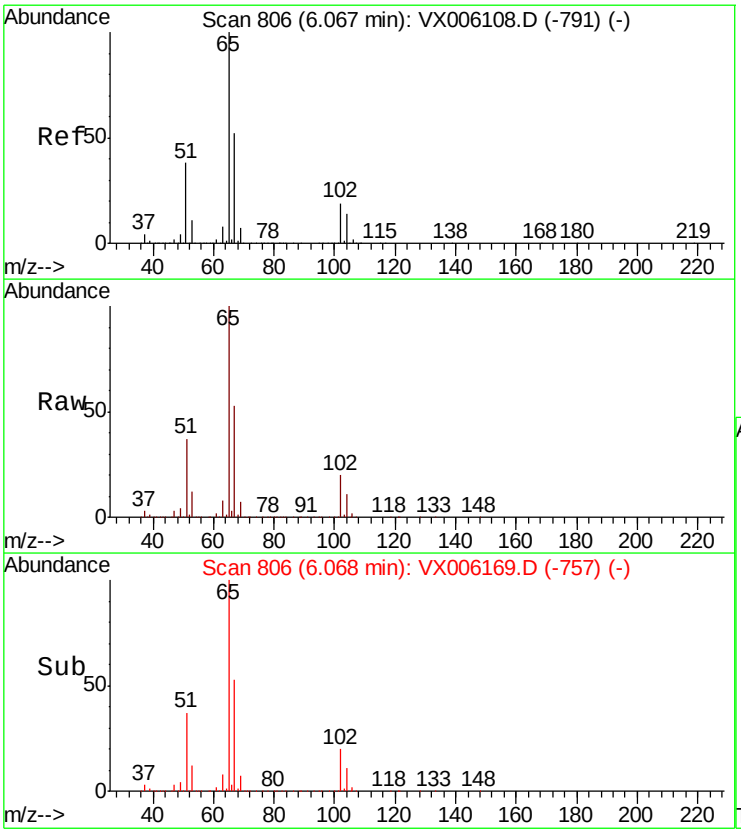
#29
Tetrahydrofuran
Concen: 0.209 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Instrument : MSVOA_X
ClientSampleId : FB-112018

Tgt Ion: 42 Resp: 376

Ion	Ratio	Lower	Upper
42	100		
72	58.0	33.0	49.6#
71	49.2	31.0	46.4#

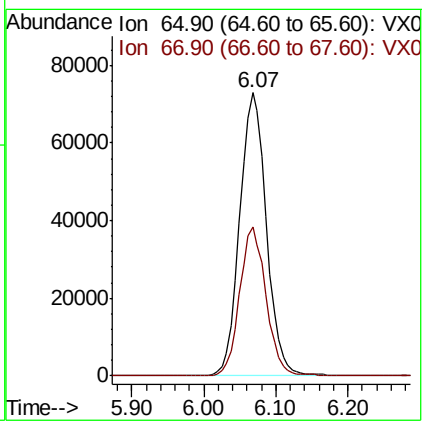


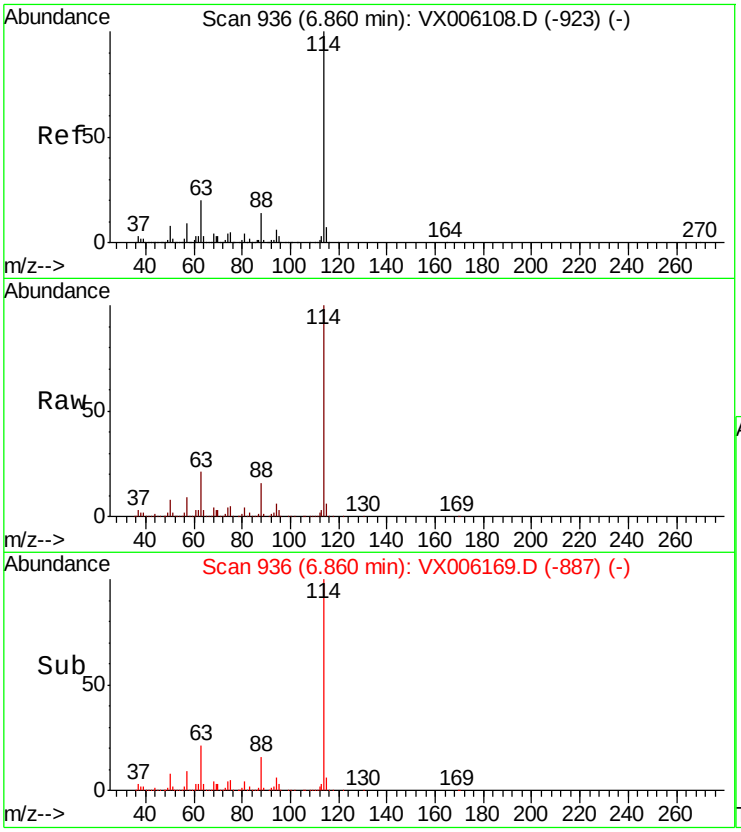


#33
1,2-Dichloroethane-d4
Concen: 53.738 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Tgt Ion: 65 Resp: 187777

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.8



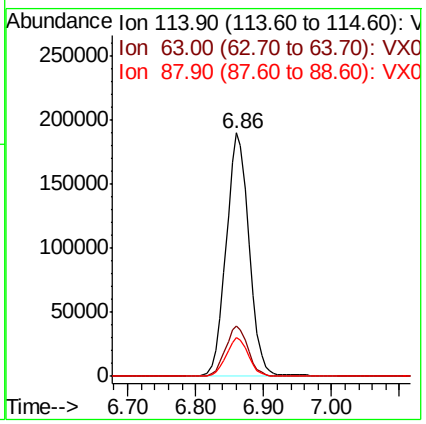


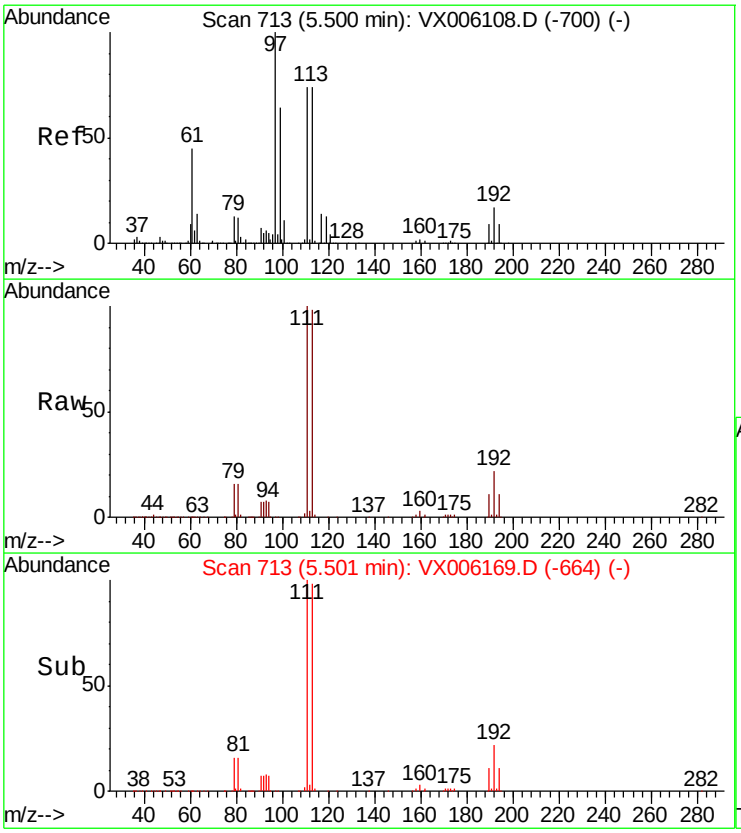
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
FB-112018

Tgt Ion:114 Resp: 442683

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.2
88	16.0	0.0	28.6

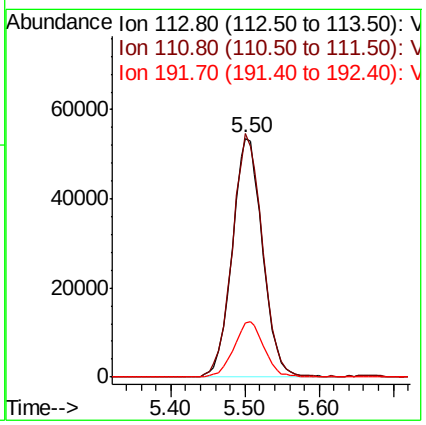


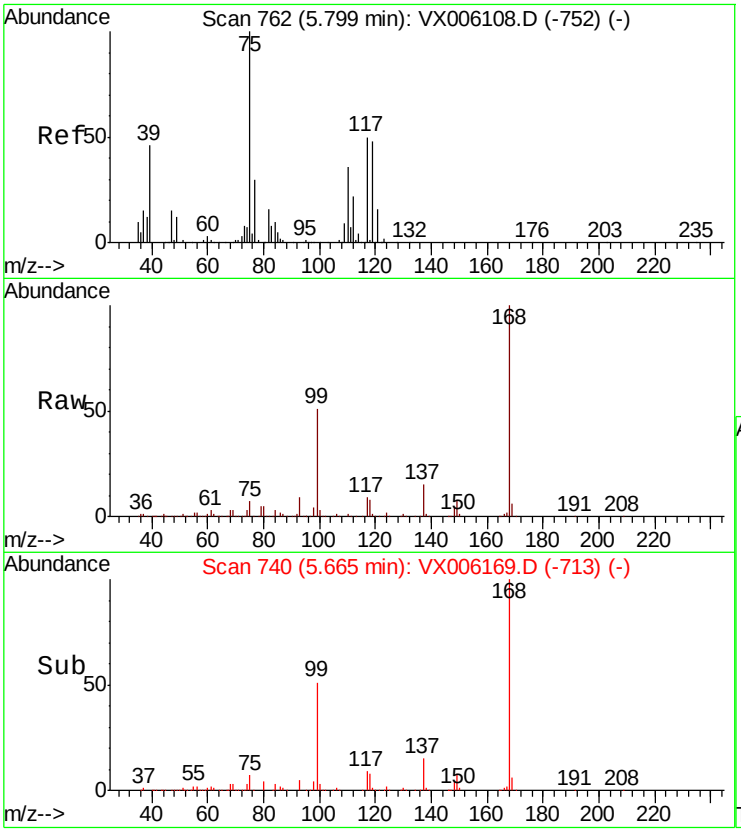


#35
Dibromofluoromethane
Concen: 53.779 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Tgt Ion:113 Resp: 152821

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.5	122.3
192	22.9	18.6	28.0



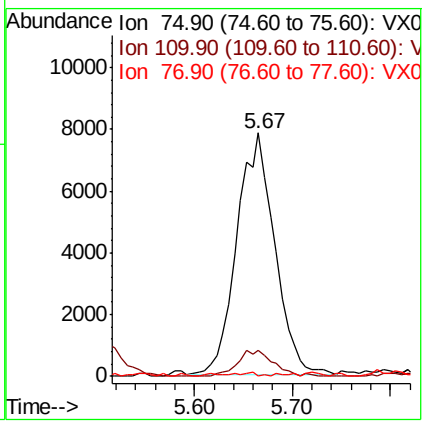


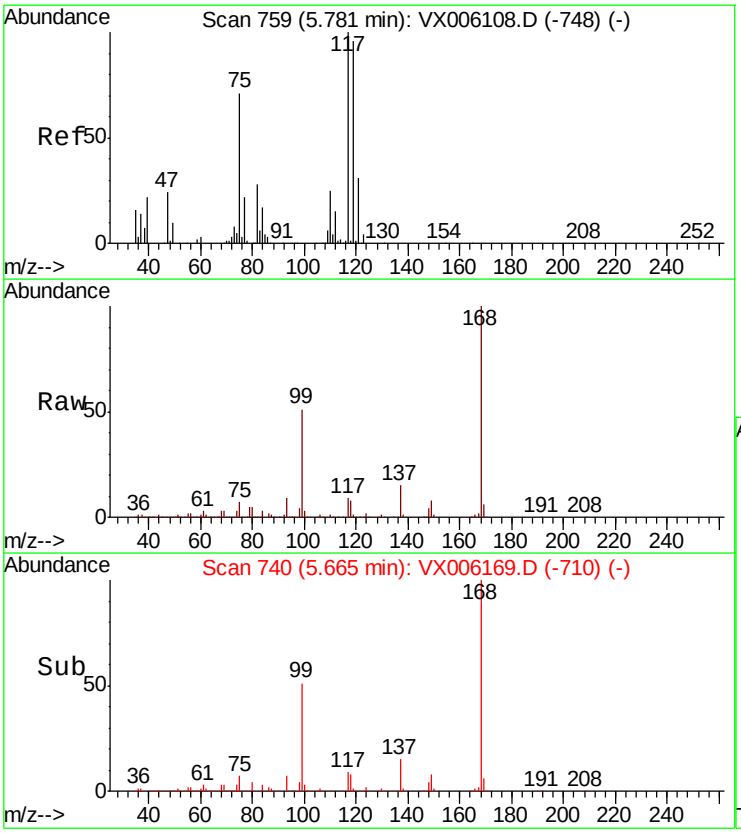
#36
1,1-Dichloropropene
Concen: 5.214 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Instrument : MSVOA_X
ClientSampleId : FB-112018

Tgt Ion: 75 Resp: 20998

Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.8	53.3#
77	0.5	24.5	36.7#

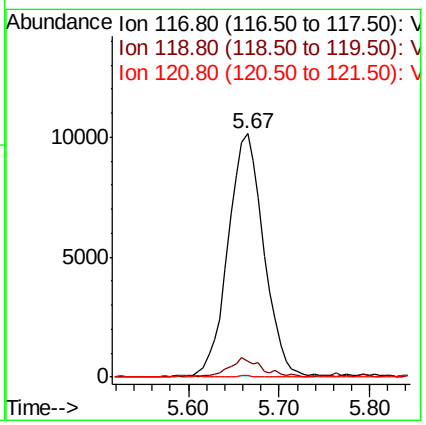


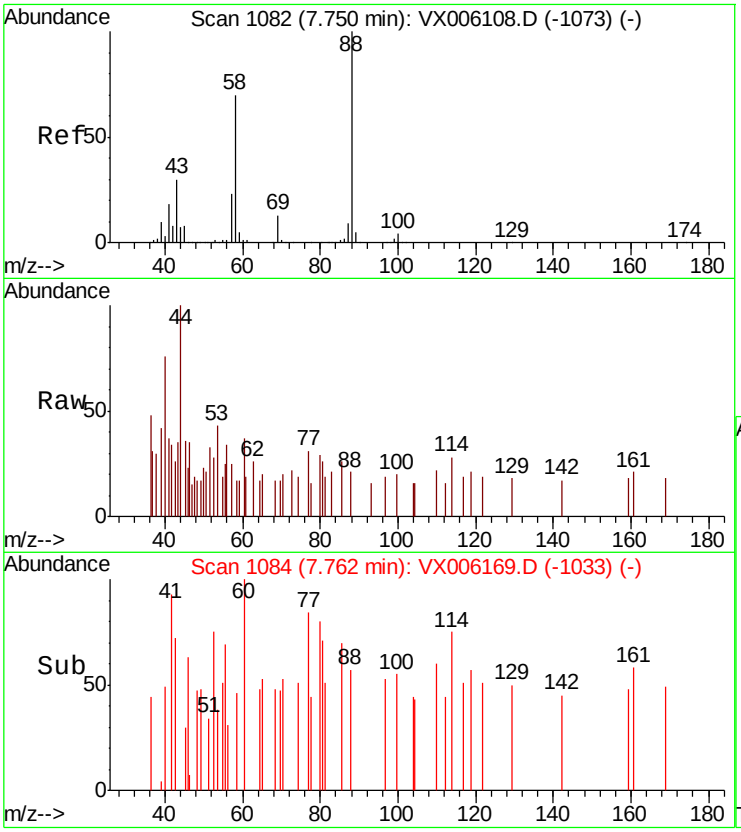


#38
Carbon Tetrachloride
Concen: 7.360 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Tgt Ion:117 Resp: 27859

Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.3	114.5#
121	0.5	24.7	37.1#



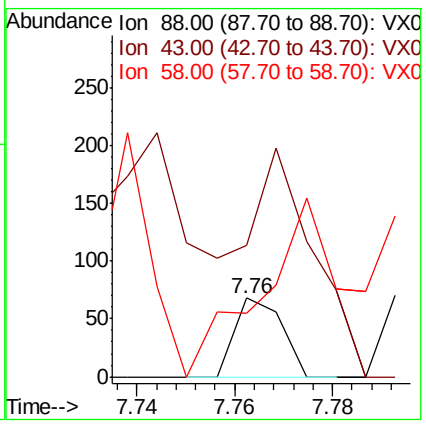


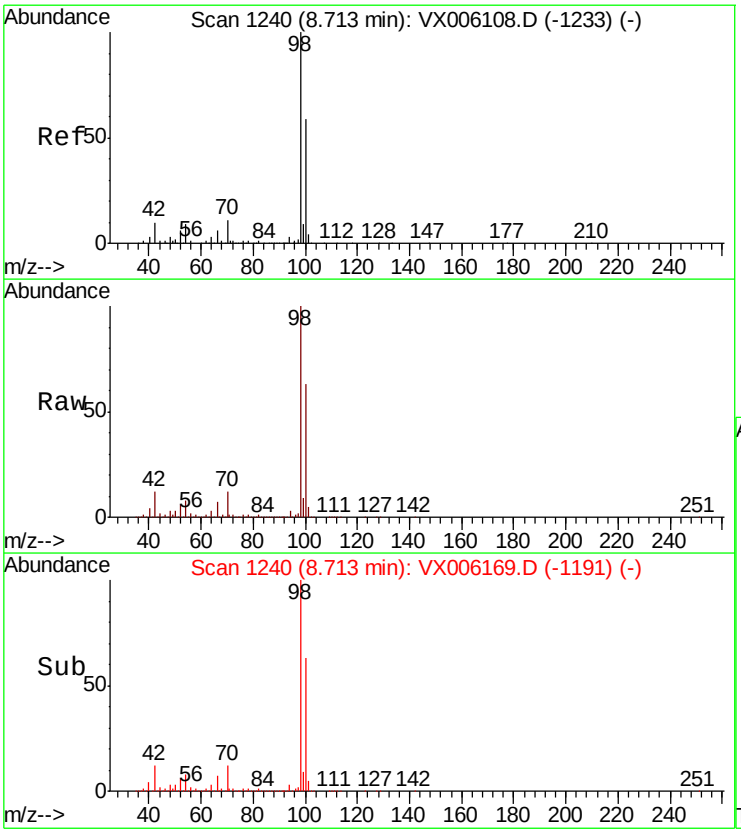
#49
1,4-Dioxane
Concen: 0.500 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
FB-112018

Tgt Ion: 88 Resp: 45

Ion	Ratio	Lower	Upper
88	100		
43	408.9	26.7	40.1#
58	402.2	58.5	87.7#

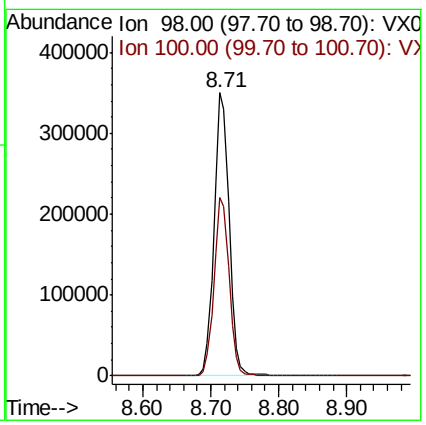


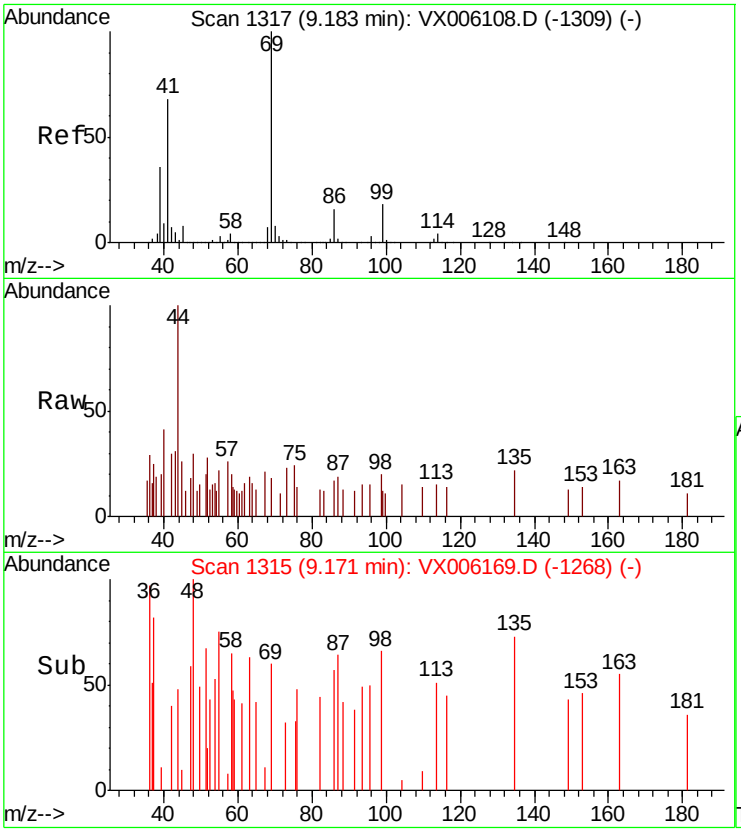


#50
Toluene-d8
Concen: 49.682 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Tgt Ion: 98 Resp: 538486

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.0	76.4



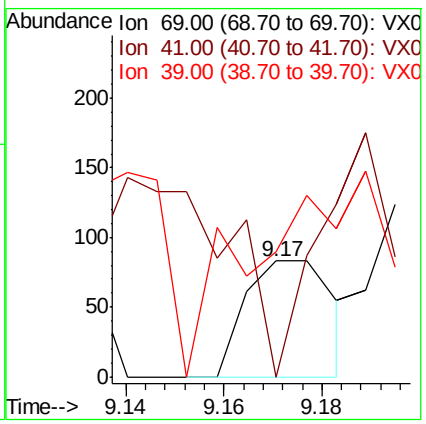


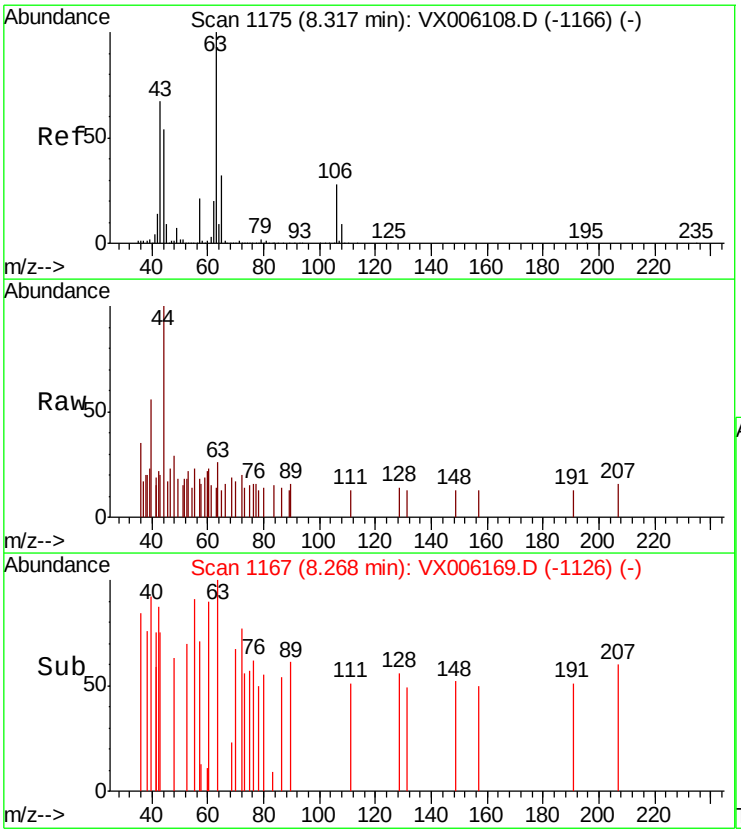
#56
Ethyl methacrylate
Concen: 2.885 ug/l
RT: 9.17 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Instrument : MSVOA_X
ClientSampleId : FB-112018

Tgt Ion: 69 Resp: 103

Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.2	84.4#
39	0.0	29.4	44.0#

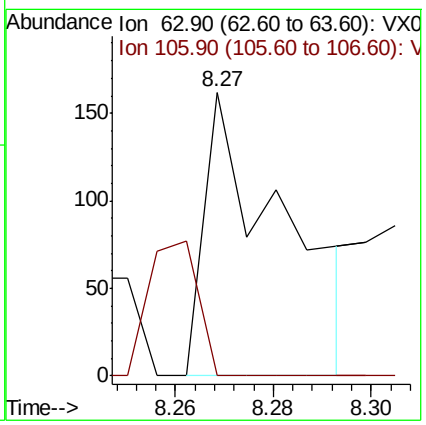


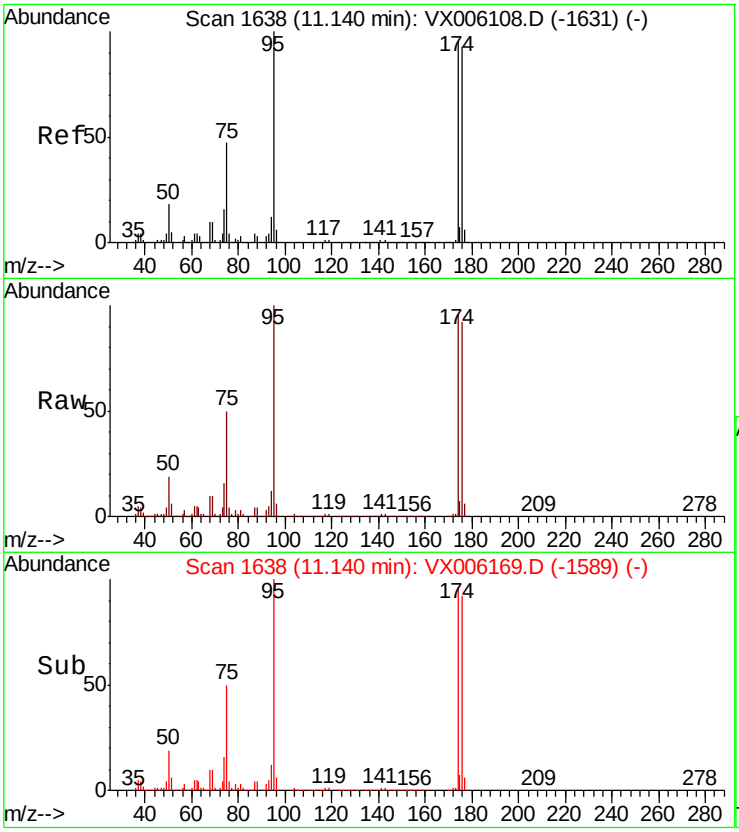


#58
2-Chloroethyl Vinyl ether
Concen: 6.785 ug/l
RT: 8.27 min Scan# 1167
Delta R.T. -0.05 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Tgt Ion: 63 Resp: 180

Ion	Ratio	Lower	Upper
63	100		
106	30.0	21.7	32.5



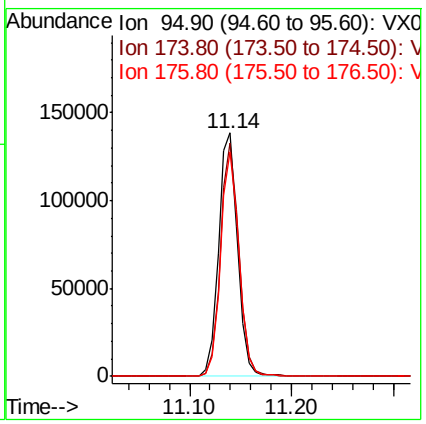


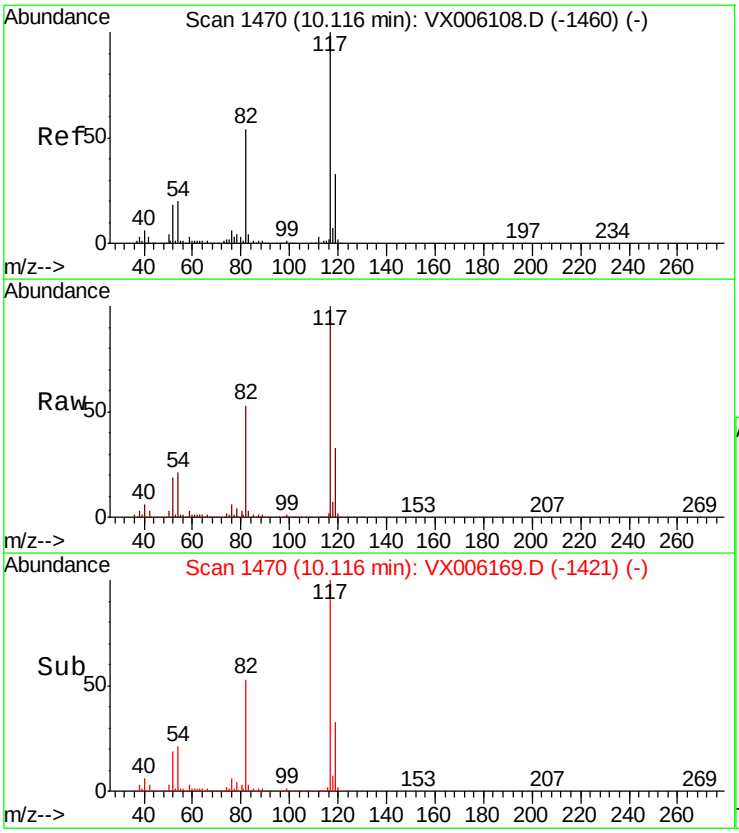
#62
4-Bromofluorobenzene
Concen: 44.278 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
FB-112018

Tgt Ion: 95 Resp: 180063

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	184.4
176	89.3	0.0	179.0

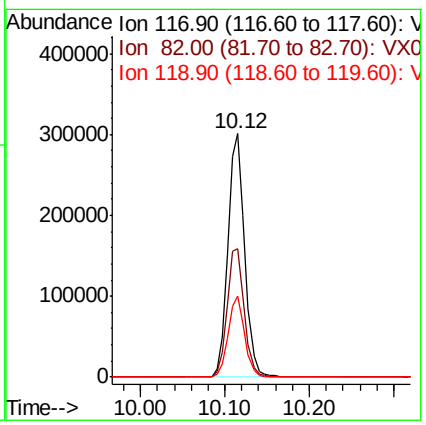


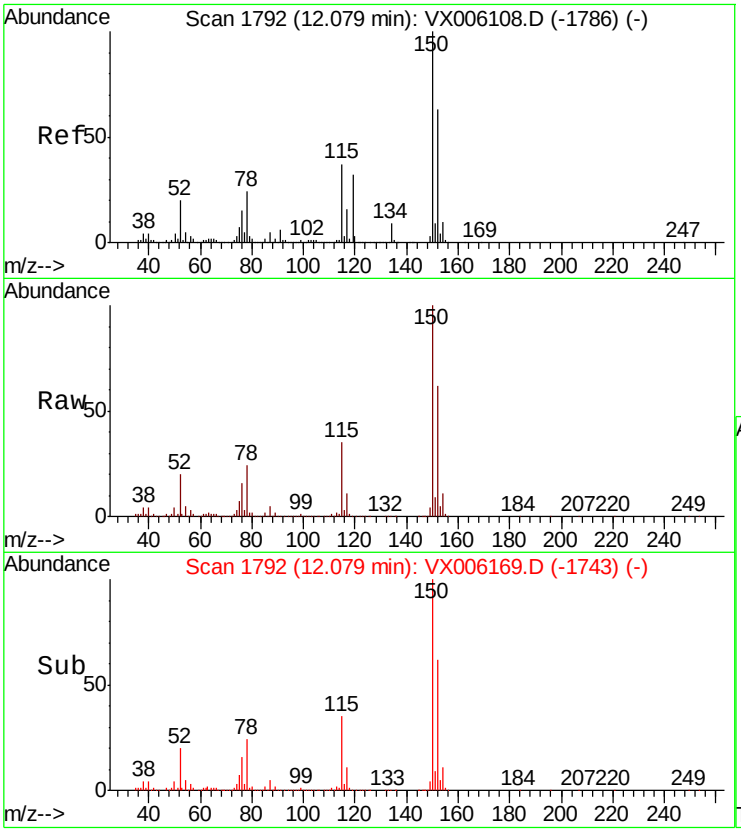


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Tgt Ion:117 Resp: 408488

Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.0	64.4
119	33.1	26.1	39.1



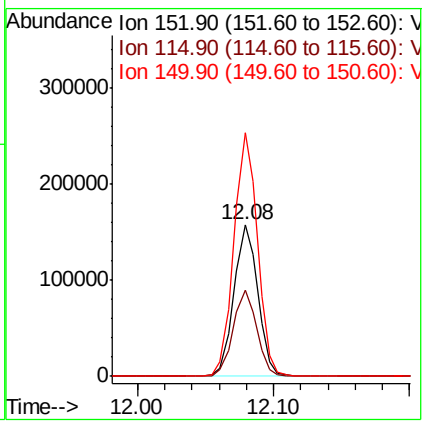


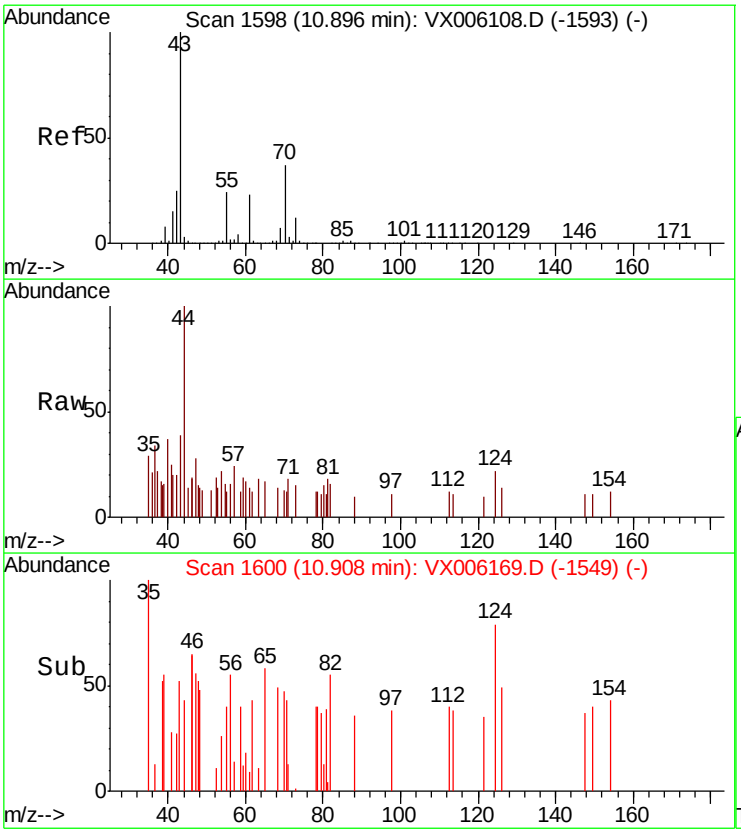
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Instrument : MSVOA_X
ClientSampleId : FB-112018

Tgt Ion:152 Resp: 192586

Ion	Ratio	Lower	Upper
152	100		
115	56.5	39.0	116.9
150	159.0	0.0	346.6

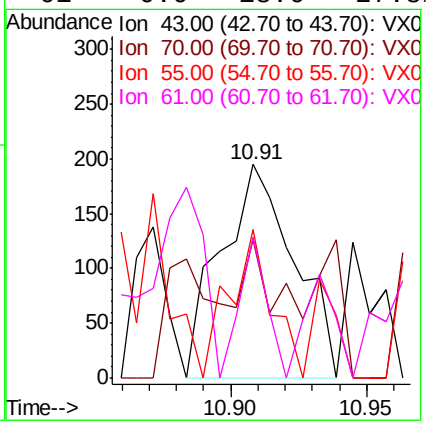


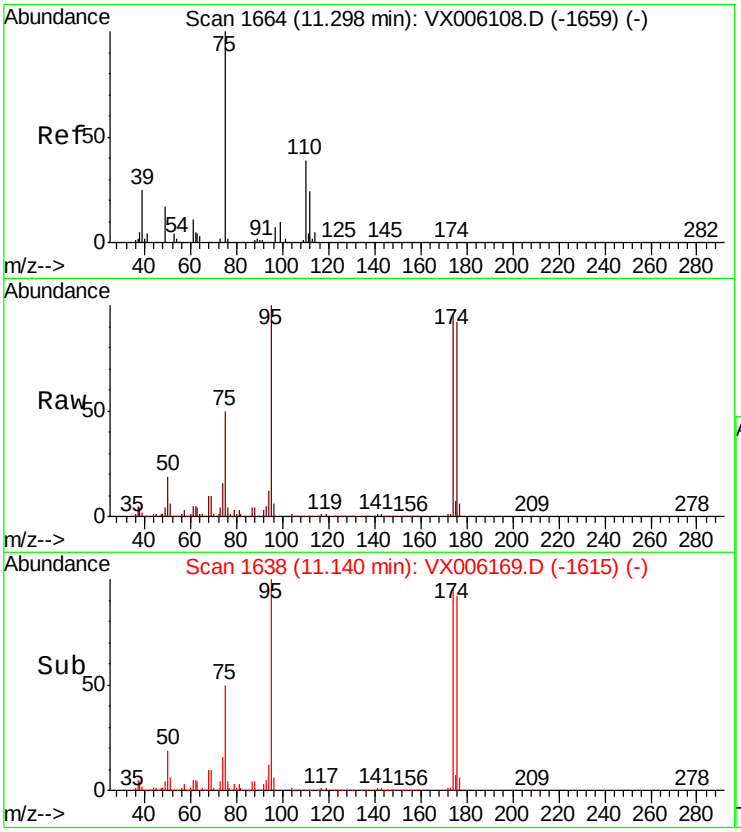


#74
N-amyl acetate
Concen: 2.252 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Tgt Ion: 43 Resp: 367

Ion	Ratio	Lower	Upper
43	100		
70	16.1	31.8	47.6#
55	39.8	19.5	29.3#
61	0.0	18.6	27.8#



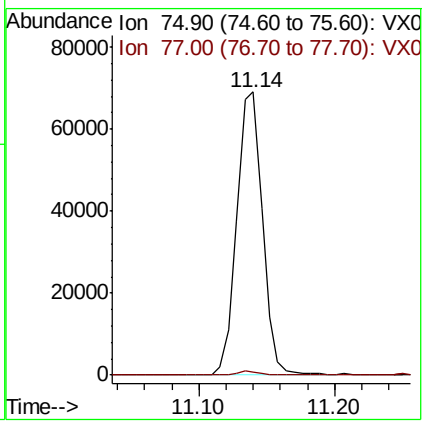


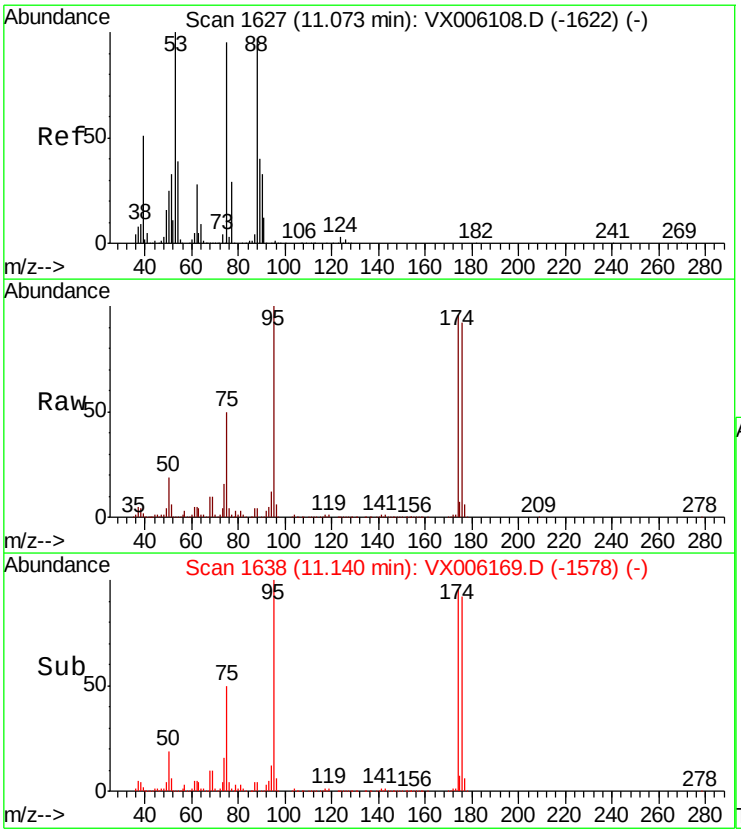
#76
1,2,3-Trichloropropane
Concen: 22.853 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
FB-112018

Tgt Ion: 75 Resp: 90609

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.6	58.7#

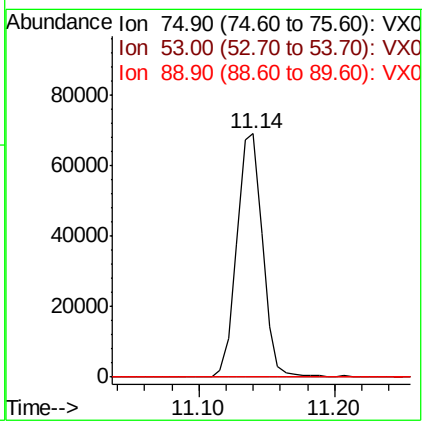


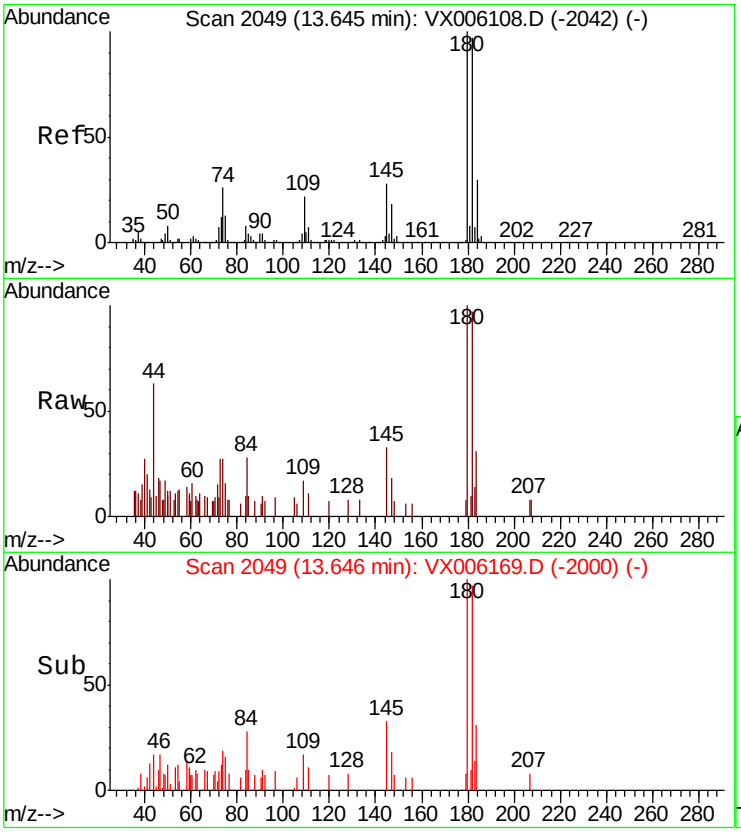


#81
trans-1,4-Dichloro-2-butene
Concen: 77.293 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Tgt Ion: 75 Resp: 90609

Ion	Ratio	Lower	Upper
75	100		
53	0.5	85.3	127.9#
89	0.1	37.2	55.8#



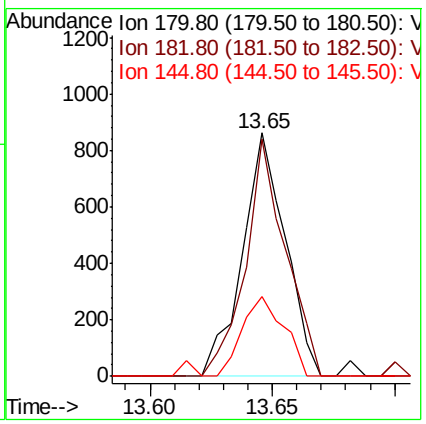


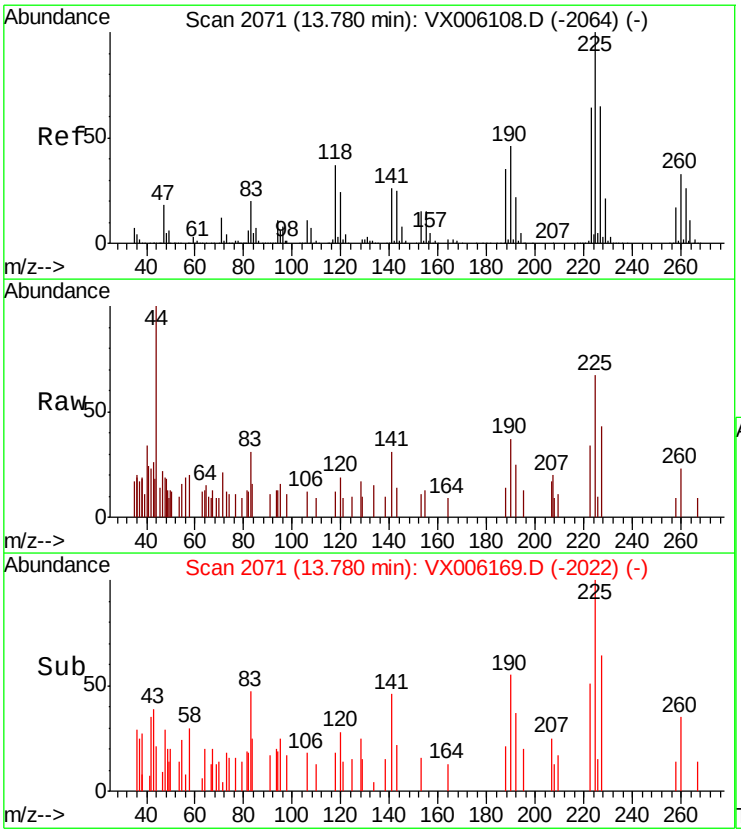
#93
1,2,4-Trichlorobenzene
Concen: 0.242 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
FB-112018

Tgt Ion:180 Resp: 1049

Ion	Ratio	Lower	Upper
180	100		
182	91.4	48.2	144.6
145	31.8	14.1	42.2





#94
Hexachlorobutadiene
Concen: 0.241 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX006169.D
Acq: 26 Nov 2018 12:31

Tgt Ion:225 Resp: 510

Ion	Ratio	Lower	Upper
225	100		
223	56.9	31.2	93.6
227	76.7	32.4	97.2