Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF102618\
Data File : VF060523.D
Acq On : 26 Oct 2018 18:25
Operator : VA/AP
Sample : J5515-21
Misc : 5.63/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : A0C1-02B

Quant Time: Oct 27 01:51:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 26 02:17:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	288827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	460796	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	420063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	257289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	229387	39.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.92%			
35) Dibromofluoromethane	4.29	113	250151	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.58%			
50) Toluene-d8	7.71	98	510177	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.06%			
62) 4-Bromofluorobenzene	11.51	95	248263	40.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.99	85	1200	Below Cal	#	48
11) Tert butyl alcohol	2.69	59	1470	Below Cal	#	57
13) Acrolein	2.13	56	738	2.890	ug/l	99
15) Acrylonitrile	3.08	53	491	1.063	ug/l #	50
16) Acetone	2.33	43	21558	Below Cal		96
18) Methyl Acetate	2.47	43	2928	1.553	ug/l	96
20) Methylene Chloride	2.27	84	8639	Below Cal		84
25) 2-Butanone	4.52	43	5271	5.170	ug/l	95
29) Tetrahydrofuran	4.26	42	538	Below Cal	#	69
37) Ethyl Acetate	4.31	43	953	Below Cal	#	1
48) Methyl methacrylate	6.97	41	17064	9.631	ug/l #	39
49) 1,4-Dioxane	6.87	88	102	6.682	ug/l #	1
51) 4-Methyl-2-Pentanone	8.42	43	12916	7.035	ug/l #	76
56) Ethyl methacrylate	8.77	69	5581	2.240	ug/l #	61
59) 2-Hexanone	9.65	43	6424	Below Cal		68

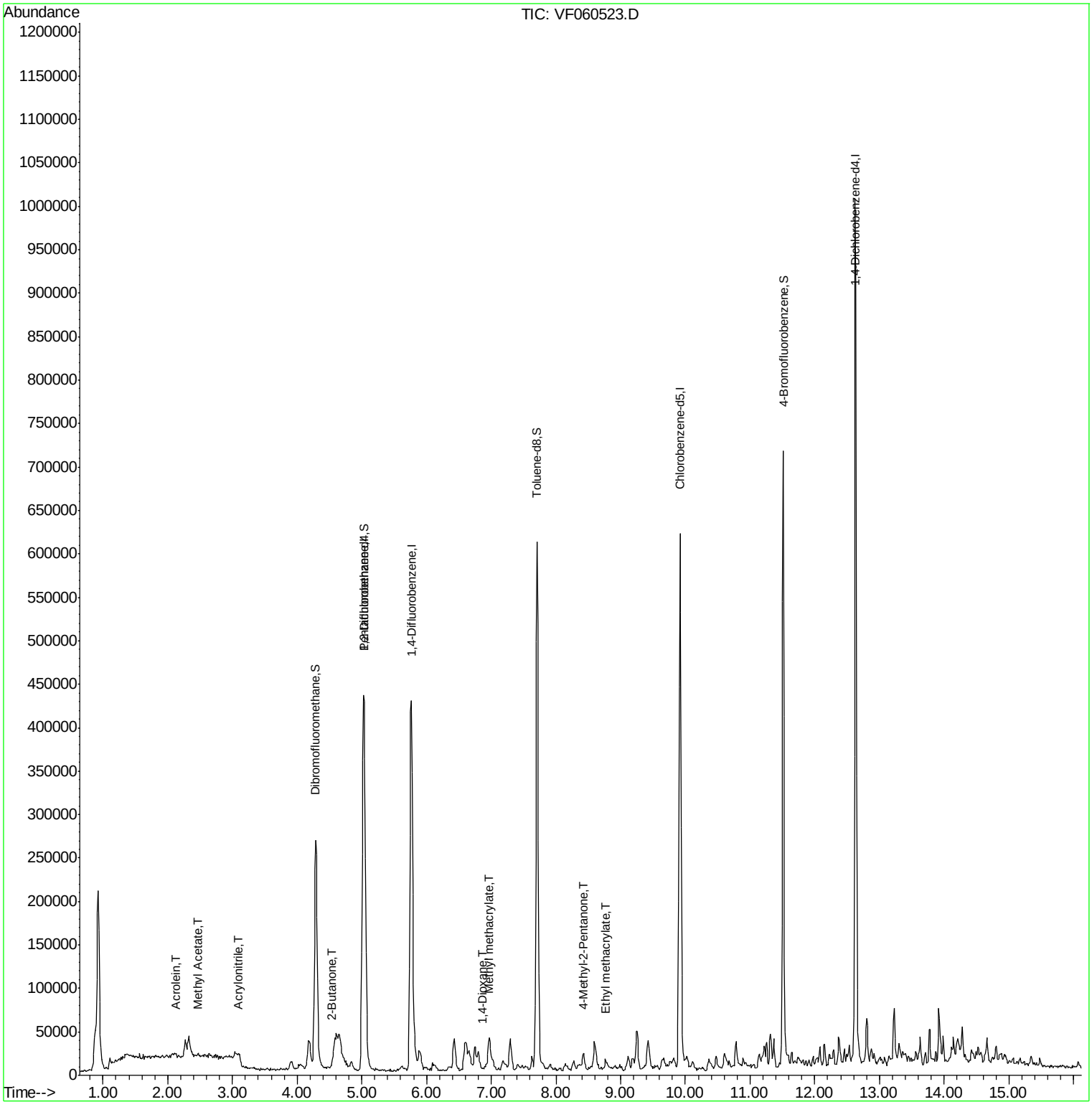
(#) = qualifier out of range (m) = manual integration (+) = signals summed

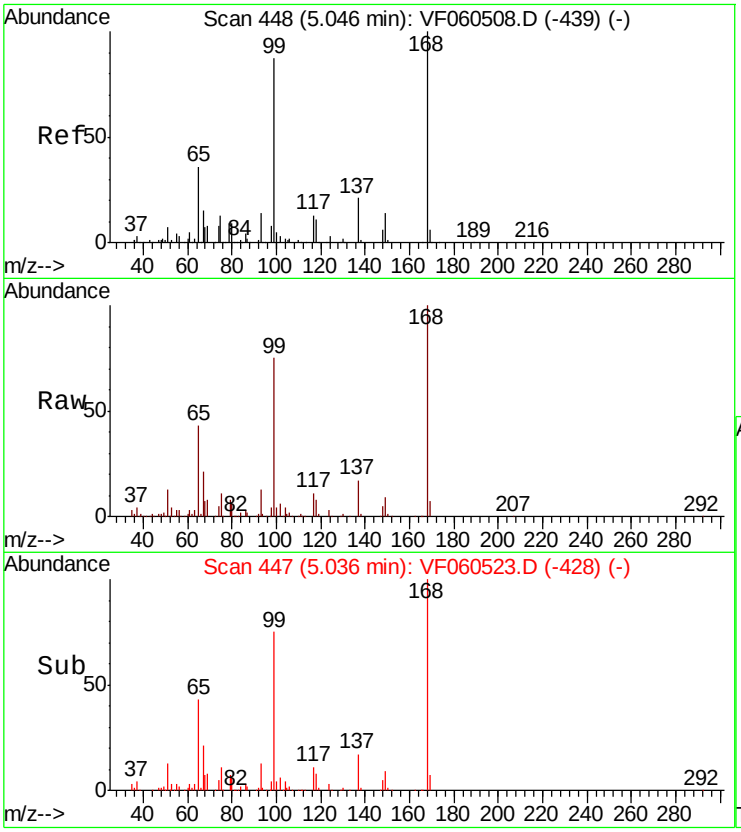
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102618\
Data File : VF060523.D
Acq On : 26 Oct 2018 18:25
Operator : VA/AP
Sample : J5515-21
Misc : 5.63/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : A0C1-02B

Quant Time: Oct 27 01:51:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 26 02:17:41 2018
Response via : Initial Calibration



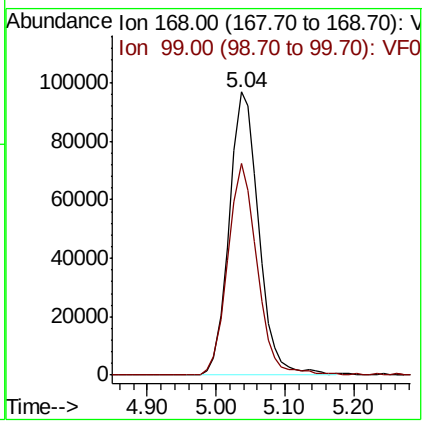


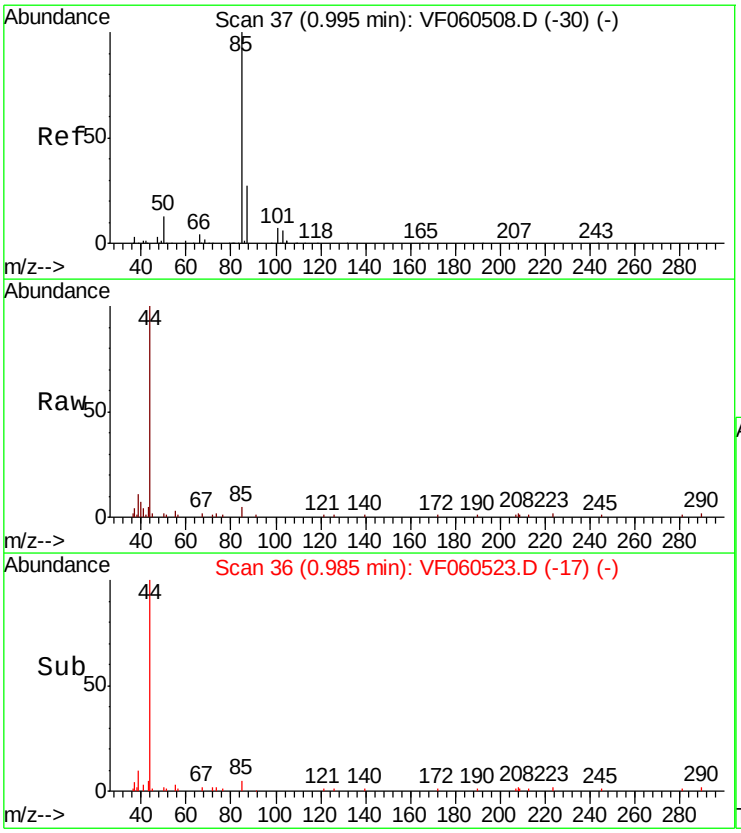
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 447
Delta R.T. -0.01 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Instrument : MSVOA_F
ClientSampleId : A0C1-02B

Tgt Ion:168 Resp: 288827

Ion	Ratio	Lower	Upper
168	100		
99	74.8	69.9	104.9

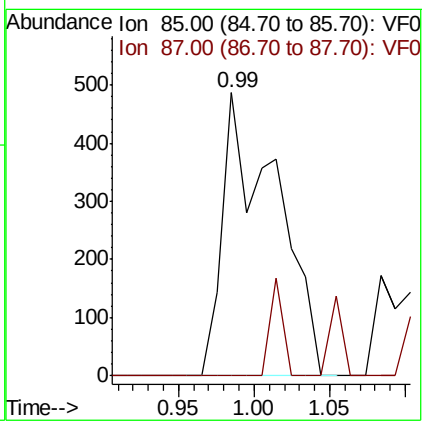


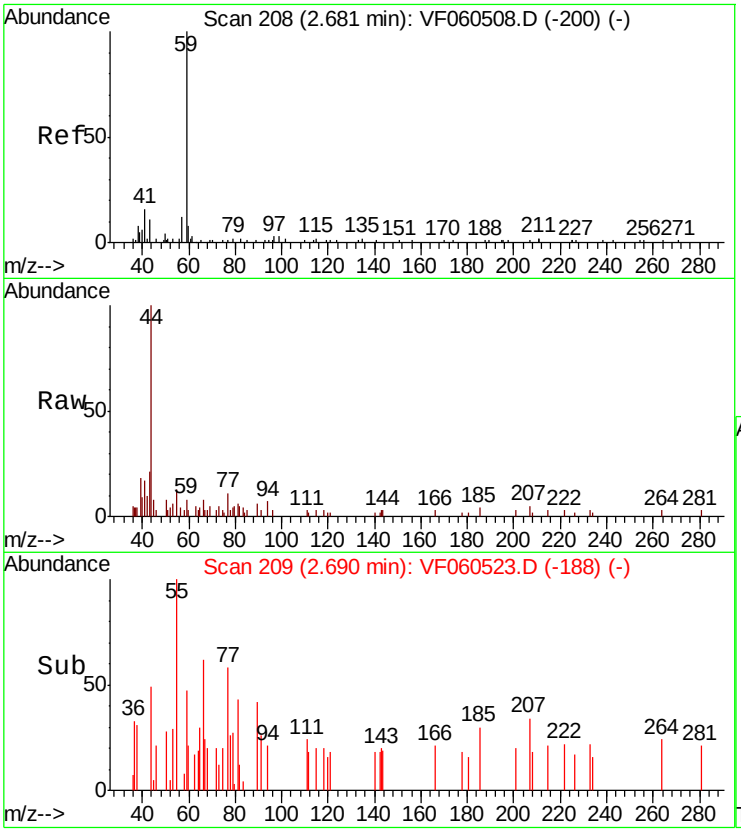


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.99 min Scan# 36
Delta R.T. -0.01 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Tgt Ion: 85 Resp: 1200

Ion	Ratio	Lower	Upper
85	100		
87	0.0	13.5	40.4#



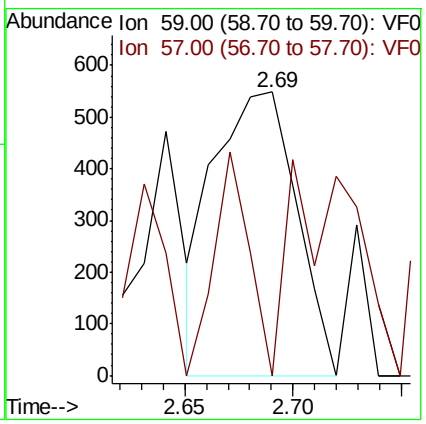


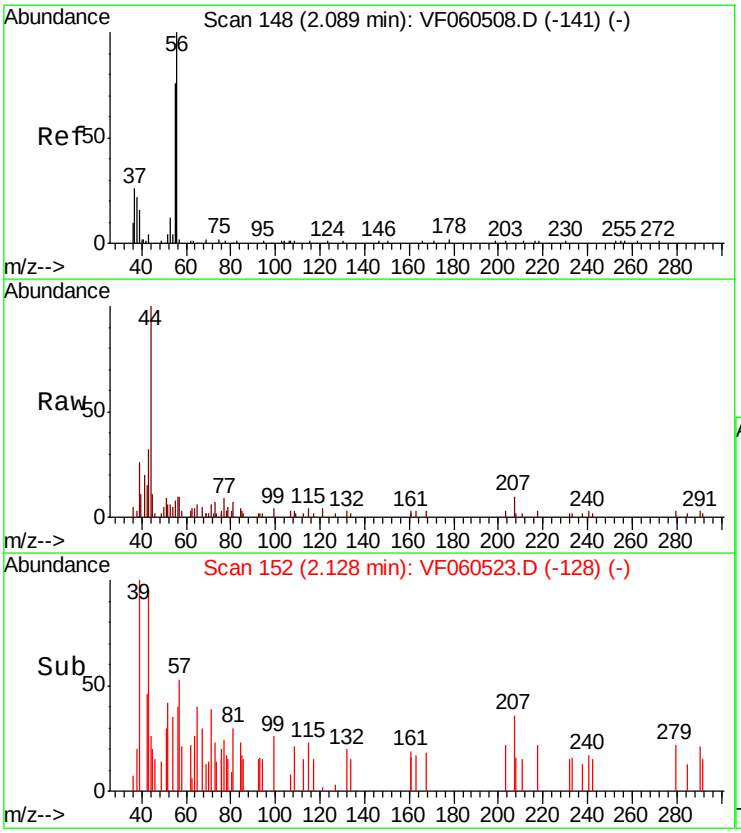
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.69 min Scan# 209
Delta R.T. 0.01 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Instrument : MSVOA_F
ClientSampleId : A0C1-02B

Tgt Ion: 59 Resp: 1470

Ion	Ratio	Lower	Upper
59	100		
57	0.0	15.8	23.8#

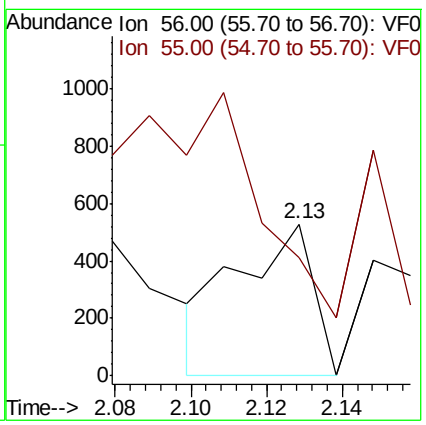


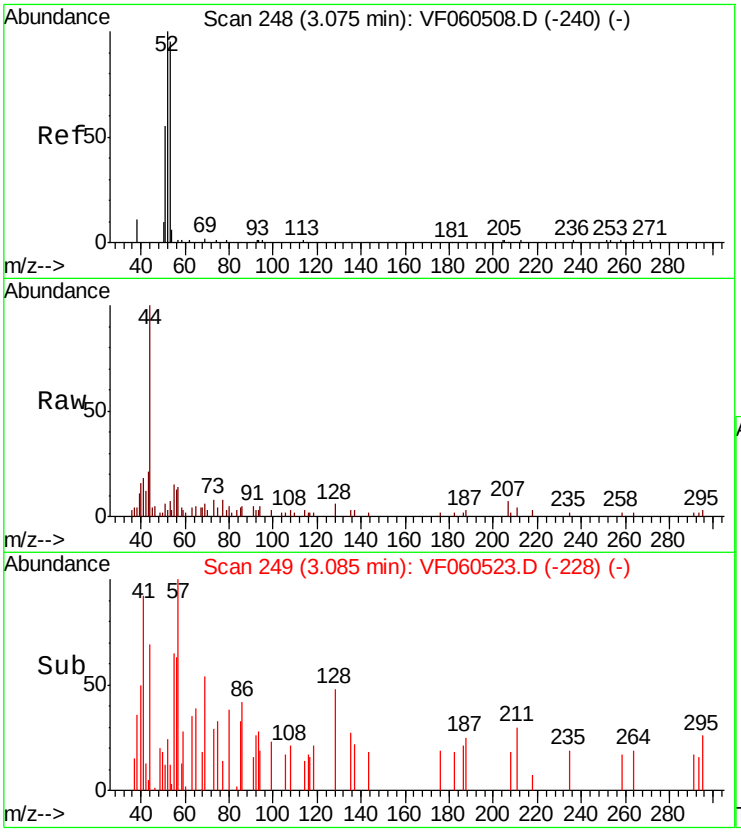


#13
Acrolein
Concen: 2.890 ug/l
RT: 2.13 min Scan# 152
Delta R.T. 0.04 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Tgt Ion: 56 Resp: 738

Ion	Ratio	Lower	Upper
56	100		
55	77.7	63.0	94.4



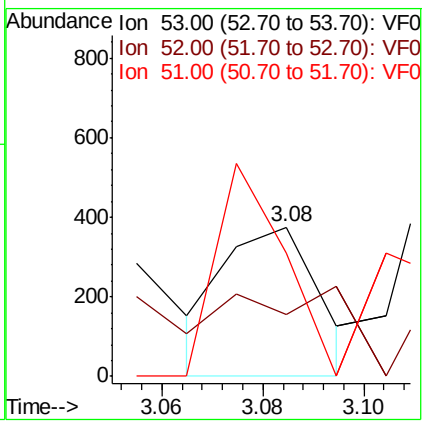


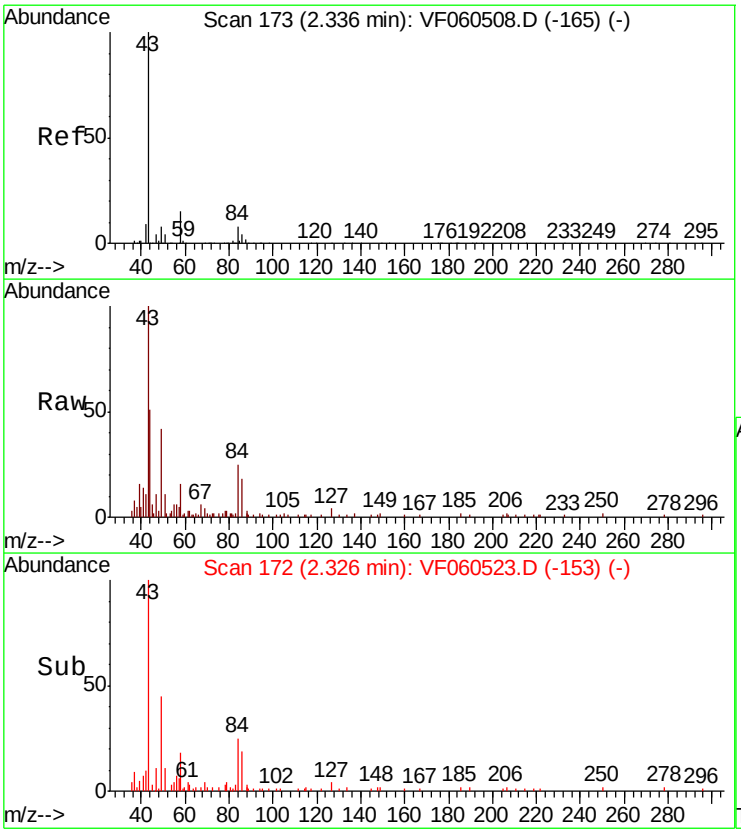
#15
Acrylonitrile
Concen: 1.063 ug/l
RT: 3.08 min Scan# 249
Delta R.T. 0.01 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Instrument : MSVOA_F
ClientSampleId : A0C1-02B

Tgt Ion: 53 Resp: 491

Ion	Ratio	Lower	Upper
53	100		
52	41.3	84.0	126.0#
51	82.4	48.6	73.0#

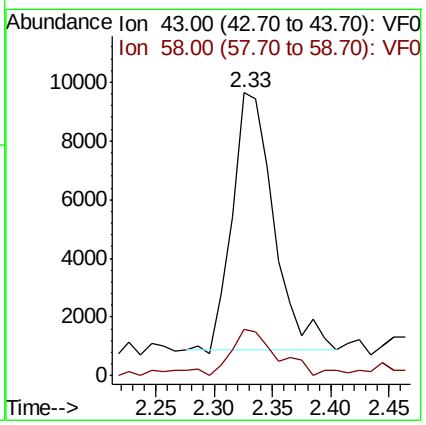


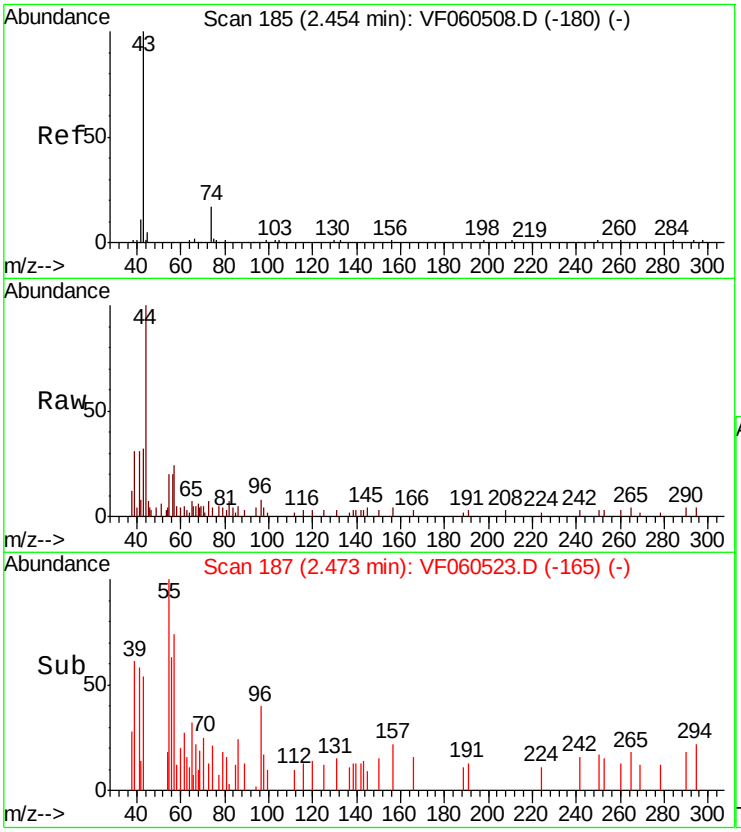


#16
Acetone
Concen: Below Cal
RT: 2.33 min Scan# 172
Delta R.T. -0.01 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Tgt Ion: 43 Resp: 21558

Ion	Ratio	Lower	Upper
43	100		
58	16.3	11.7	17.5



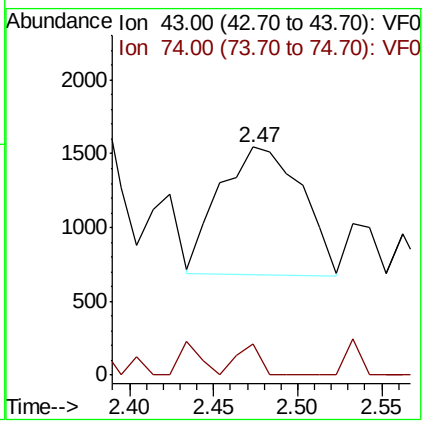


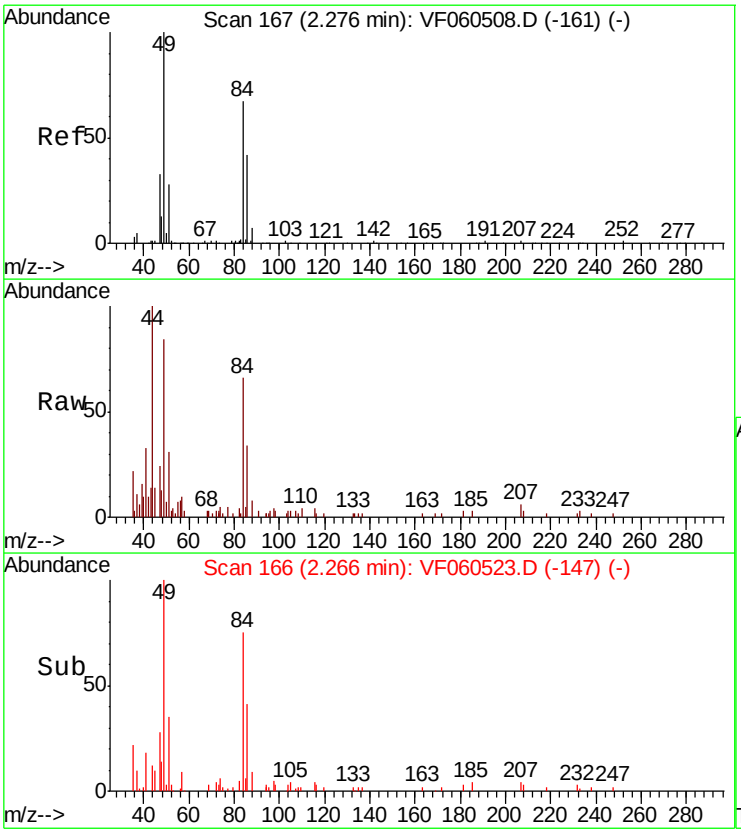
#18
Methyl Acetate
Concen: 1.553 ug/l
RT: 2.47 min Scan# 187
Delta R.T. 0.02 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Instrument : MSVOA_F
ClientSampleId : A0C1-02B

Tgt Ion: 43 Resp: 2928

Ion	Ratio	Lower	Upper
43	100		
74	13.6	12.1	18.1

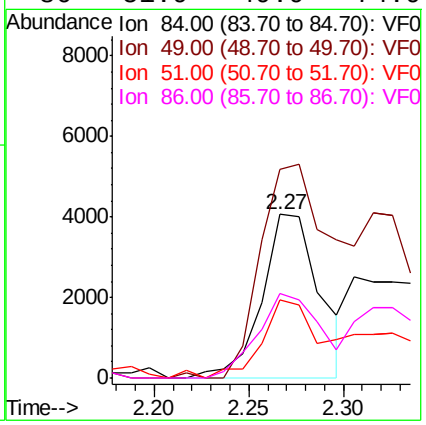


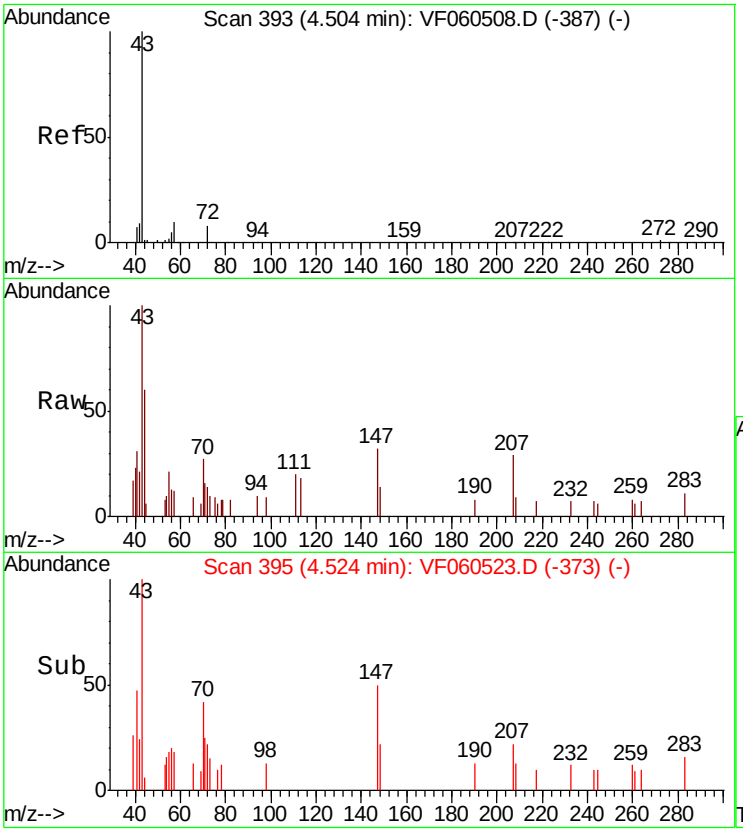


#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 166
Delta R.T. -0.01 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Tgt Ion: 84 Resp: 8639

Ion	Ratio	Lower	Upper
84	100		
49	127.9	123.1	184.7
51	47.8	35.3	52.9
86	51.9	49.9	74.9



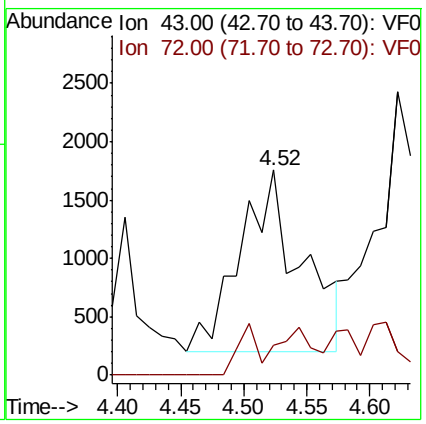


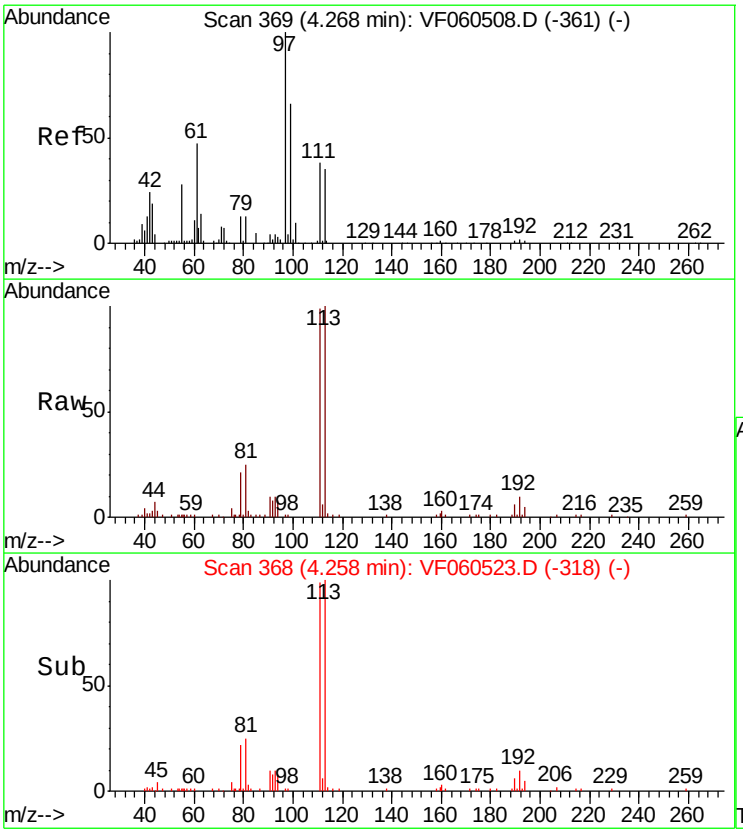
#25
2-Butanone
Concen: 5.170 ug/l
RT: 4.52 min Scan# 395
Delta R.T. 0.02 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Instrument : MSVOA_F
ClientSampleId : A0C1-02B

Tgt Ion: 43 Resp: 5271

Ion	Ratio	Lower	Upper
43	100		
72	14.3	13.0	19.6

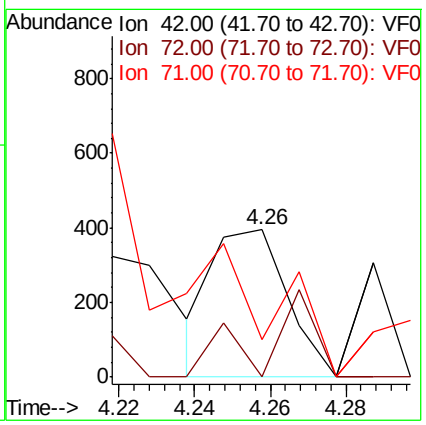


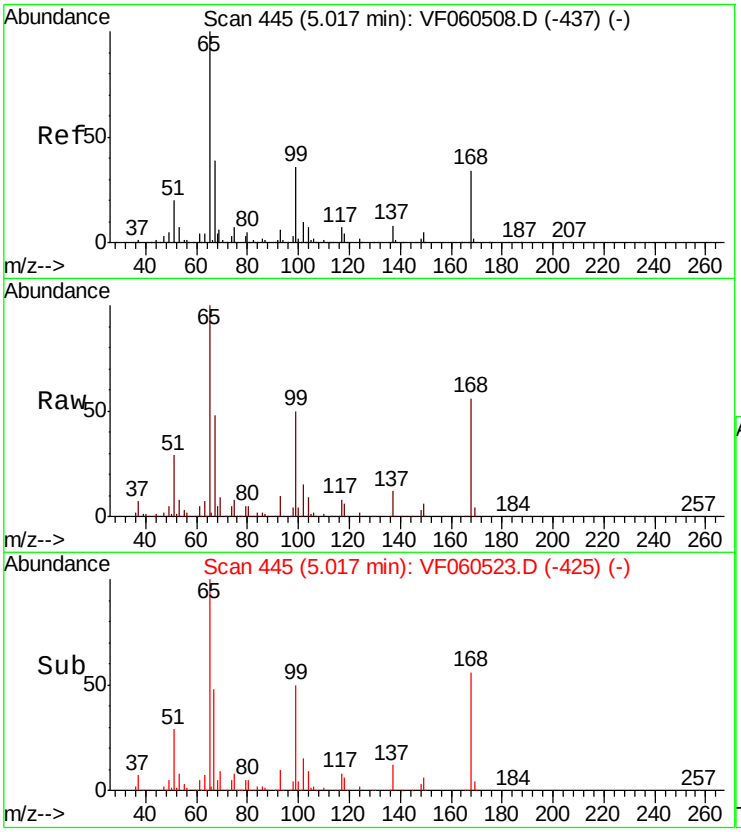


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.26 min Scan# 368
Delta R.T. -0.01 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Tgt Ion: 42 Resp: 538

Ion	Ratio	Lower	Upper
42	100		
72	41.6	32.1	48.1
71	0.0	29.7	44.5#



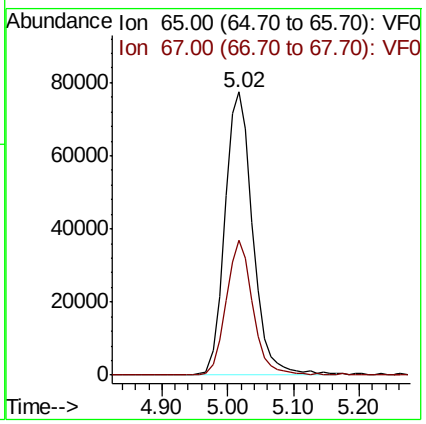


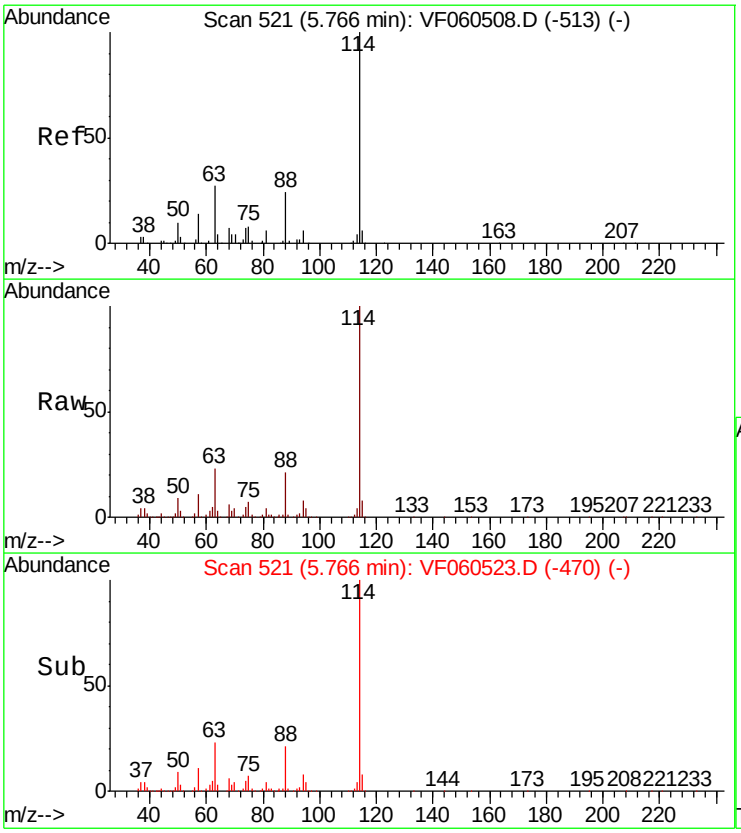
#33
1,2-Dichloroethane-d4
Concen: 39.959 ug/l
RT: 5.02 min Scan# 445
Delta R.T. -0.00 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Instrument : MSVOA_F
ClientSampleId : A0C1-02B

Tgt Ion: 65 Resp: 229387

Ion	Ratio	Lower	Upper
65	100		
67	47.8	0.0	85.8

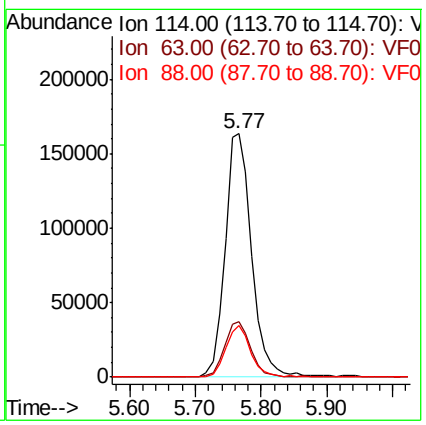


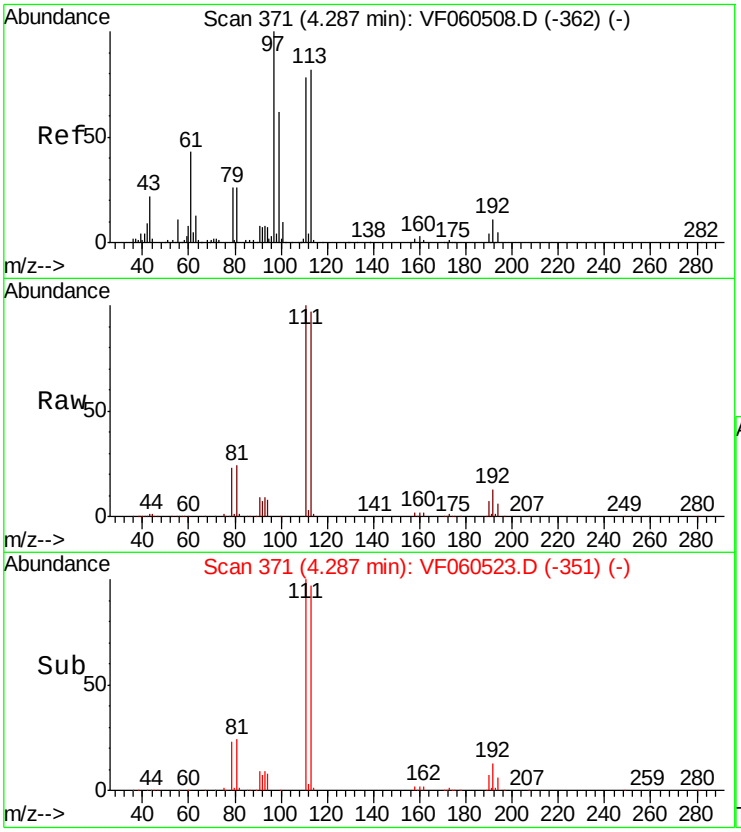


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 521
Delta R.T. -0.00 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Tgt Ion:114 Resp: 460796

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	54.4
88	21.0	0.0	47.2



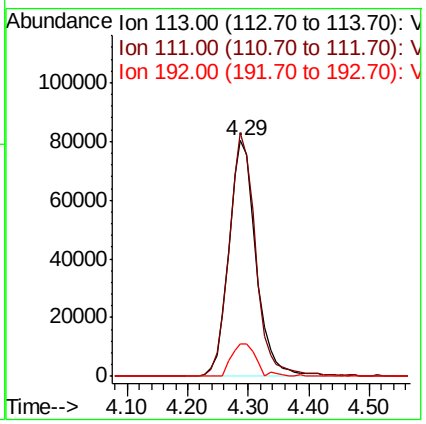


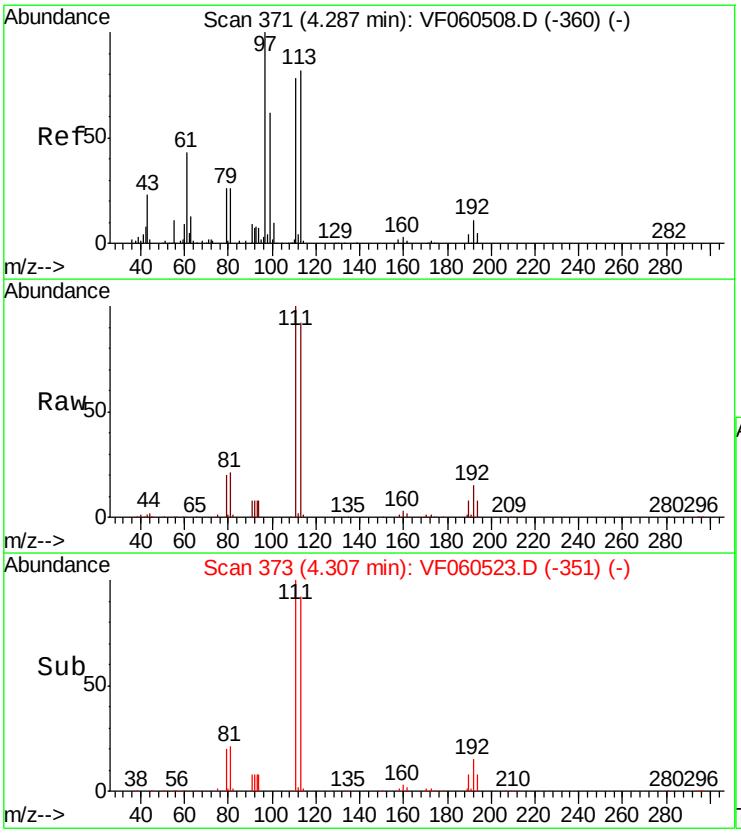
#35
Dibromofluoromethane
Concen: 45.289 ug/l
RT: 4.29 min Scan# 371
Delta R.T. -0.00 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Instrument : MSVOA_F
ClientSampleId : A0C1-02B

Tgt Ion:113 Resp: 250151

Ion	Ratio	Lower	Upper
113	100		
111	103.2	75.9	113.9
192	13.7	10.6	15.8

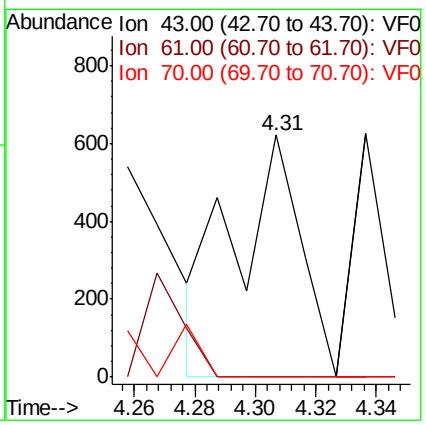


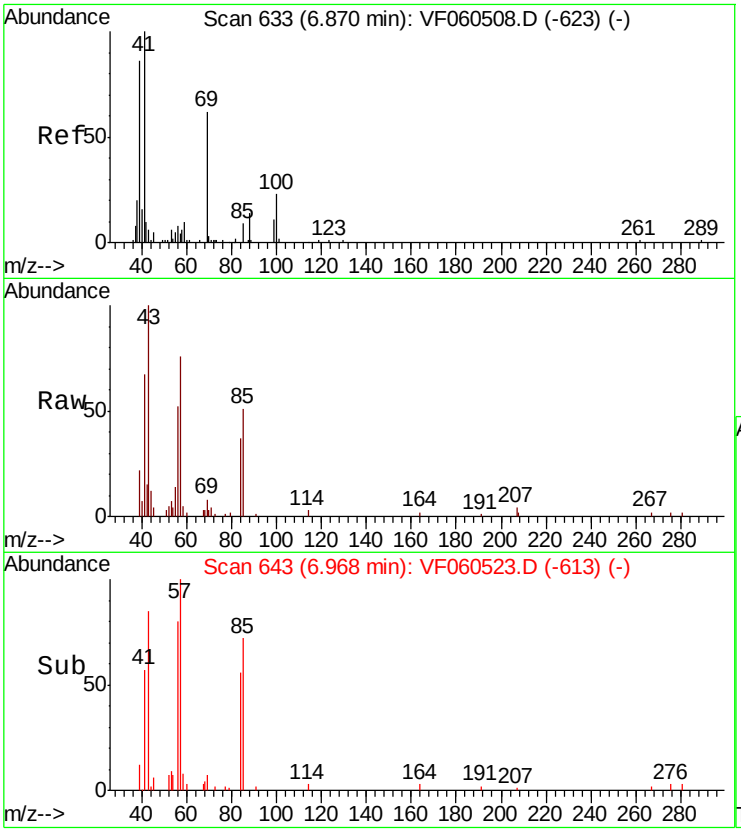


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.31 min Scan# 373
Delta R.T. 0.02 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Tgt Ion: 43 Resp: 953

Ion	Ratio	Lower	Upper
43	100		
61	0.0	148.5	222.7#
70	0.0	4.7	7.1#



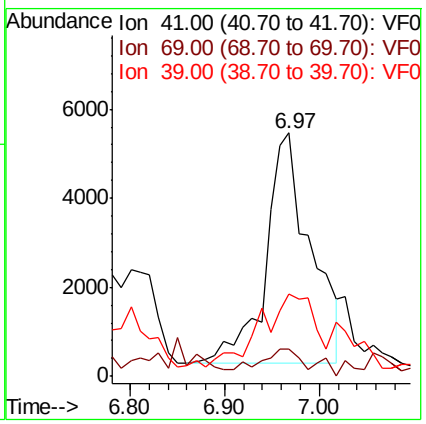


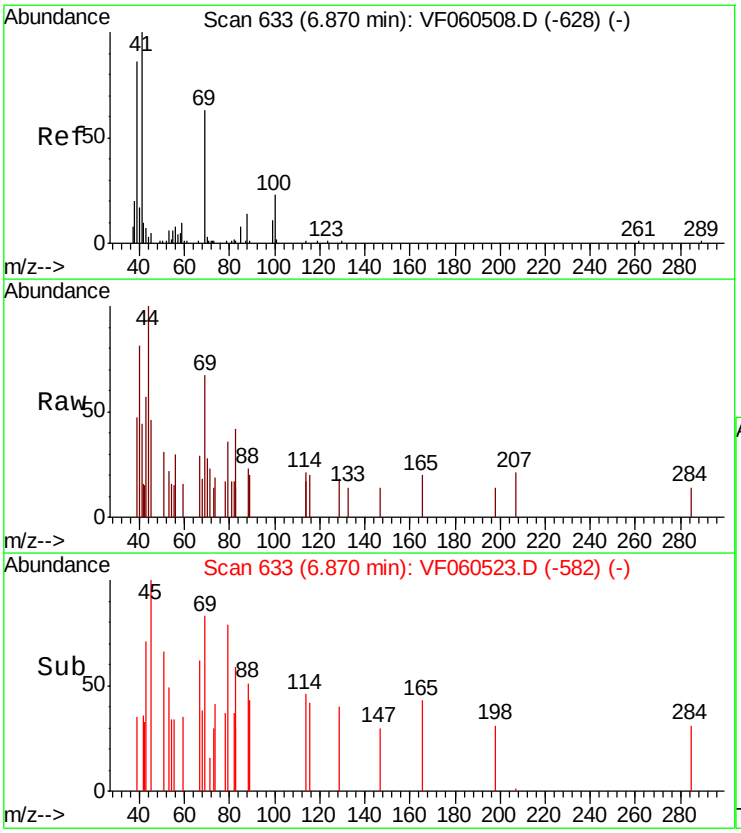
#48
Methyl methacrylate
Concen: 9.631 ug/l
RT: 6.97 min Scan# 643
Delta R.T. 0.10 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Instrument : MSVOA_F
ClientSampleId : A0C1-02B

Tgt Ion: 41 Resp: 17064

Ion	Ratio	Lower	Upper
41	100		
69	11.3	49.6	74.4#
39	33.6	69.4	104.2#

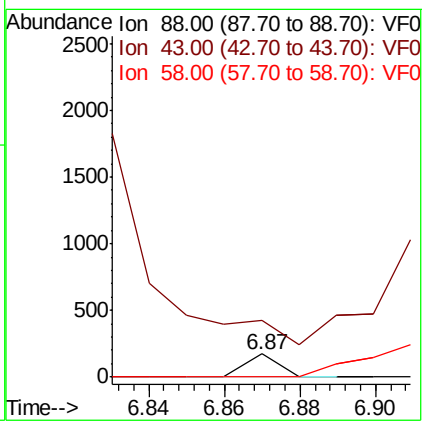


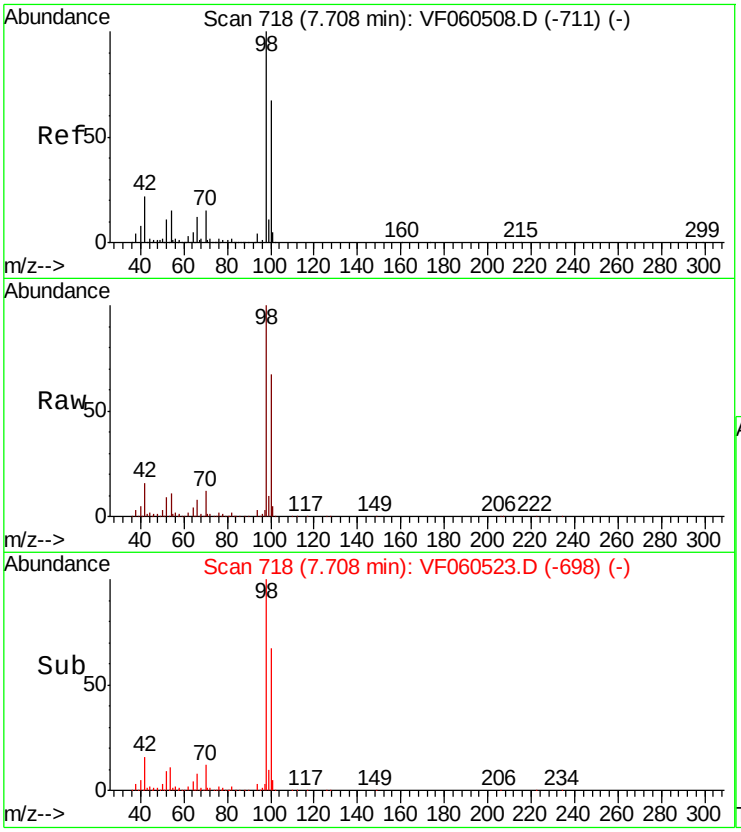


#49
1,4-Dioxane
Concen: 6.682 ug/l
RT: 6.87 min Scan# 633
Delta R.T. -0.00 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Tgt Ion: 88 Resp: 102

Ion	Ratio	Lower	Upper
88	100		
43	244.8	39.3	58.9#
58	0.0	35.0	52.6#



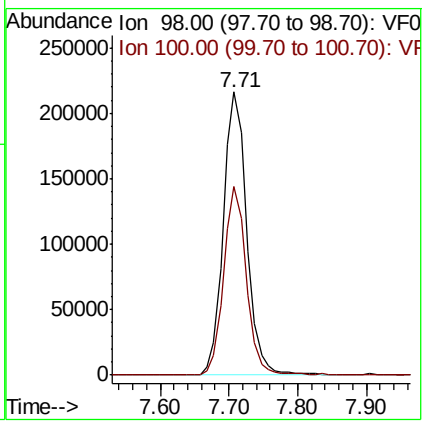


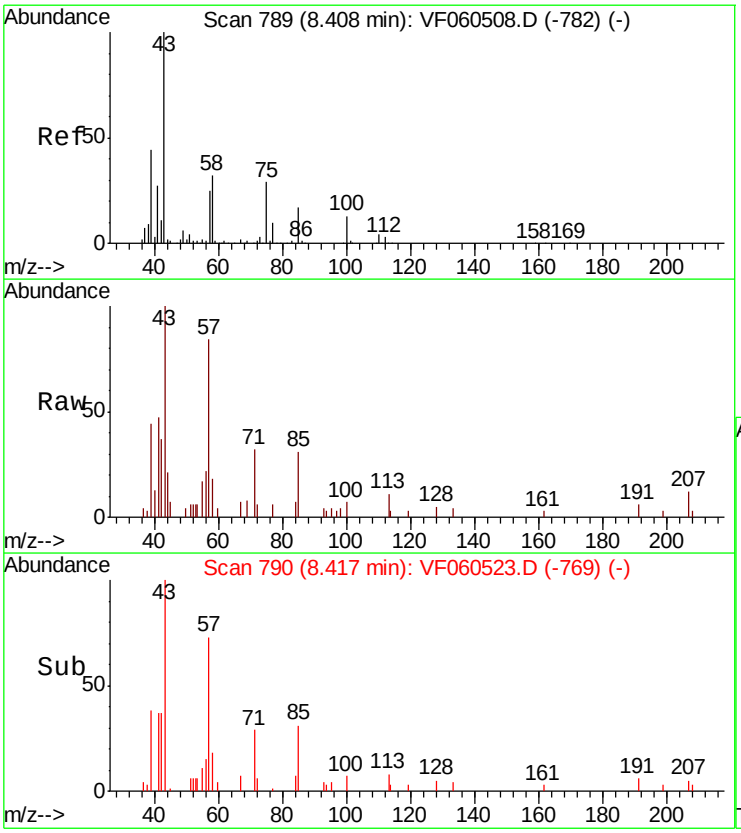
#50
Toluene-d8
Concen: 46.026 ug/l
RT: 7.71 min Scan# 718
Delta R.T. -0.00 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Instrument :
MSVOA_F
ClientSampleId :
A0C1-02B

Tgt Ion: 98 Resp: 510177

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.0

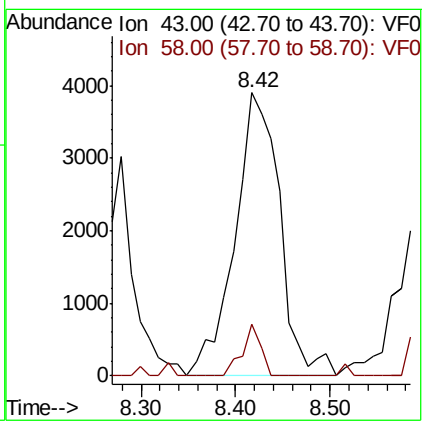


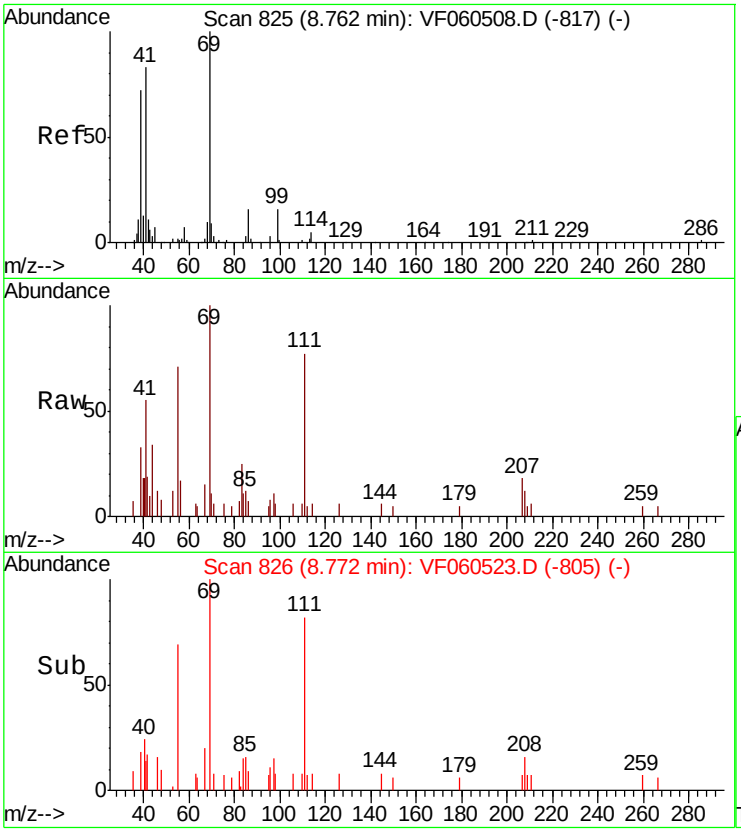


#51
4-Methyl-2-Pentanone
Concen: 7.035 ug/l
RT: 8.42 min Scan# 790
Delta R.T. 0.01 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Tgt Ion: 43 Resp: 12916

Ion	Ratio	Lower	Upper
43	100		
58	18.2	25.4	38.2#



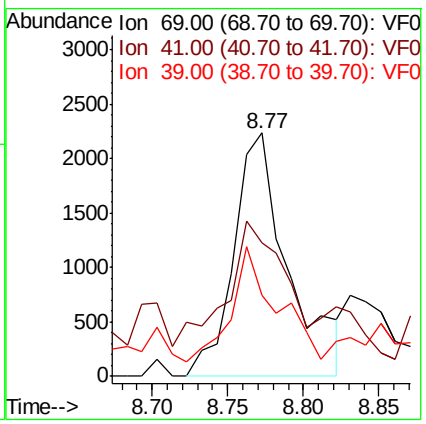


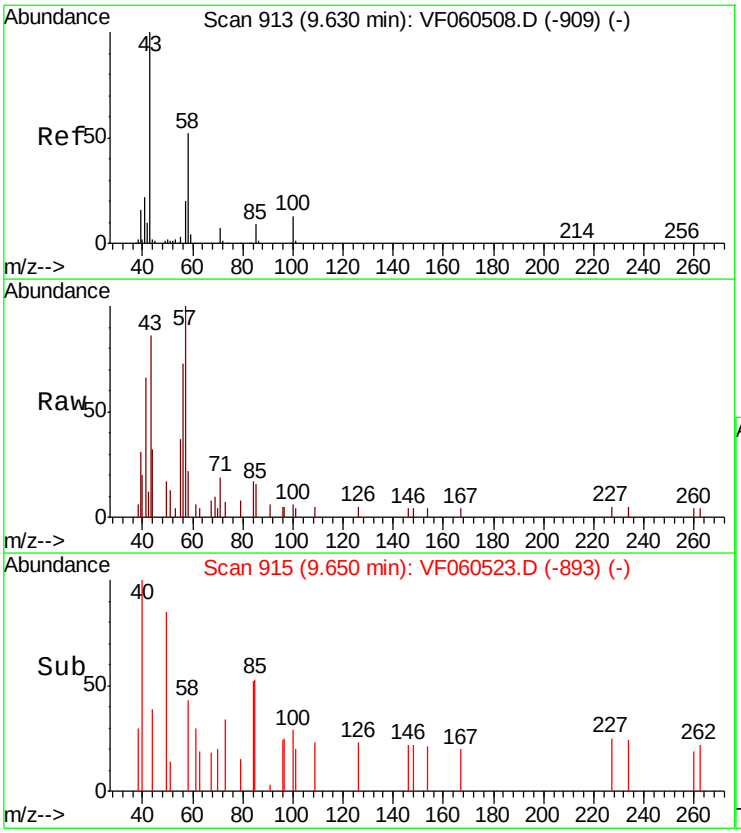
#56
Ethyl methacrylate
Concen: 2.240 ug/l
RT: 8.77 min Scan# 826
Delta R.T. 0.01 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Instrument : MSVOA_F
ClientSampleId : A0C1-02B

Tgt Ion: 69 Resp: 5581

Ion	Ratio	Lower	Upper
69	100		
41	54.8	67.2	100.8#
39	33.3	58.4	87.6#

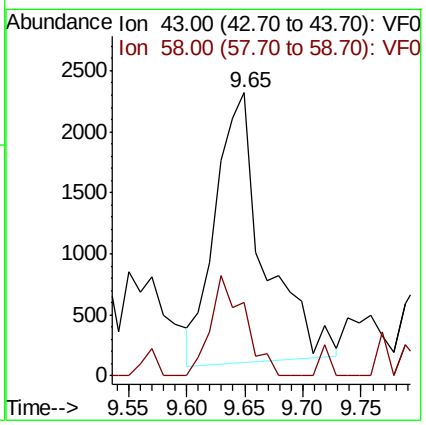


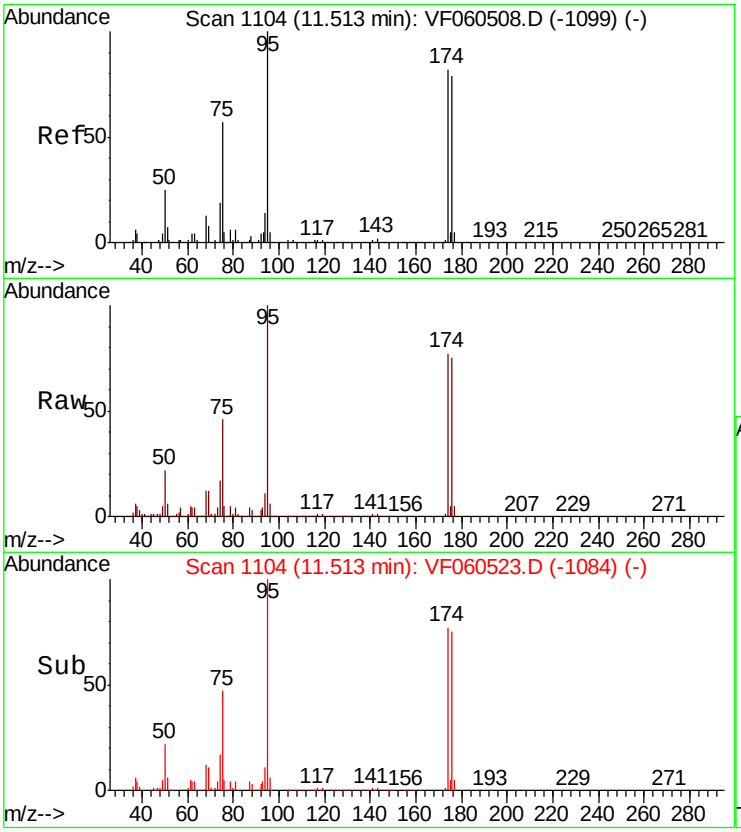


#59
2-Hexanone
Concen: Below Cal
RT: 9.65 min Scan# 915
Delta R.T. 0.02 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Tgt Ion: 43 Resp: 6424

Ion	Ratio	Lower	Upper
43	100		
58	25.8	23.5	70.5



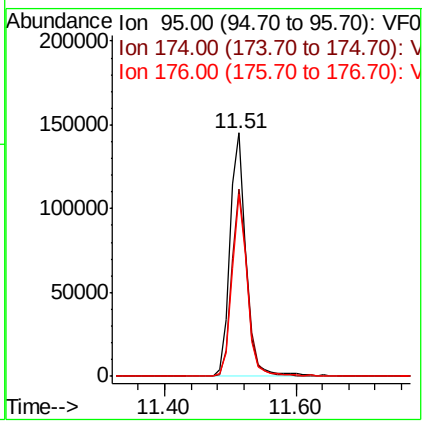


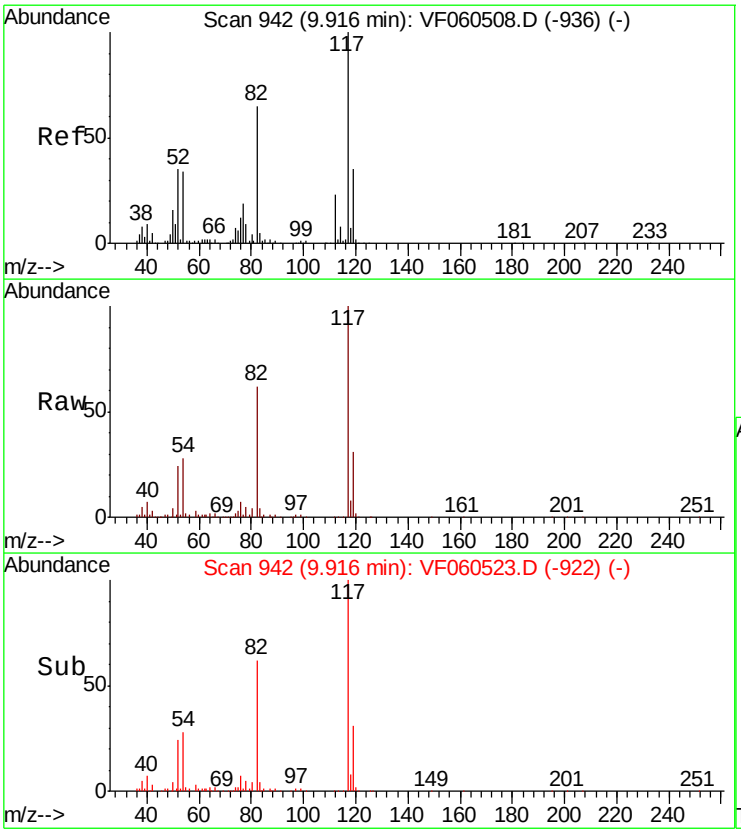
#62
4-Bromofluorobenzene
Concen: 40.213 ug/l
RT: 11.51 min Scan# 1104
Delta R.T. -0.00 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Instrument :
MSVOA_F
ClientSampleId :
A0C1-02B

Tgt Ion: 95 Resp: 248263

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	164.2
176	74.6	0.0	158.4

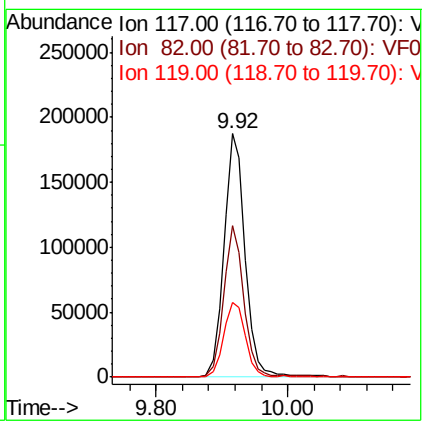


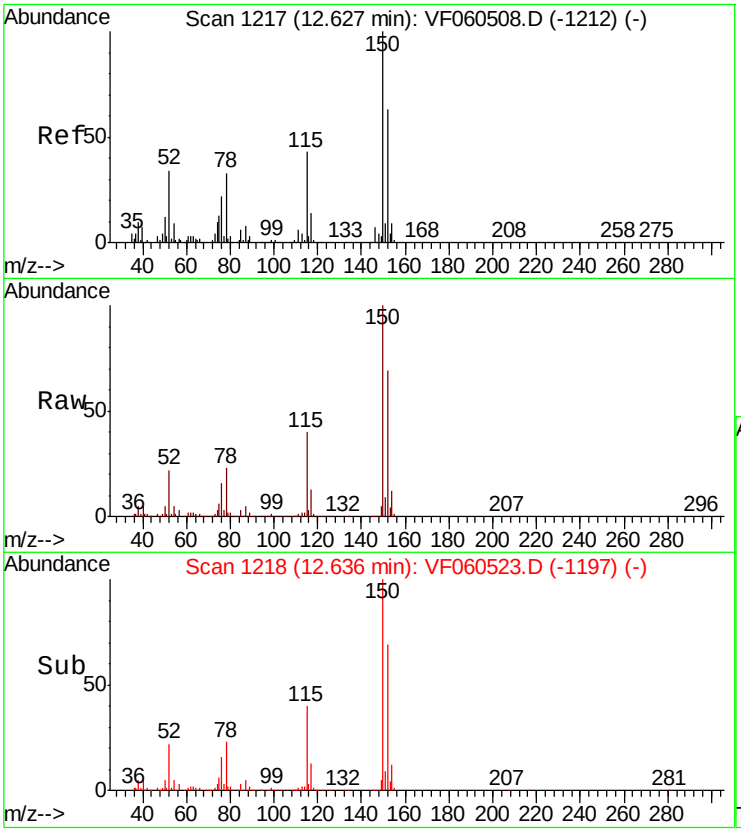


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. -0.00 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Tgt Ion:117 Resp: 420063

Ion	Ratio	Lower	Upper
117	100		
82	62.0	51.7	77.5
119	30.8	28.3	42.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VF060523.D
Acq: 26 Oct 2018 18:25

Instrument :
MSVOA_F
ClientSampleId :
A0C1-02B

Tgt Ion:152 Resp: 257289

Ion	Ratio	Lower	Upper
152	100		
115	57.7	34.6	103.9
150	144.3	0.0	319.8