Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100318\
Data File : VF060418.D
Acq On : 3 Oct 2018 16:48
Operator : VA/AP
Sample : VF1003SBL01
Misc : 5.00/5mL/MSVOA_F/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1003SBL01

Quant Time: Oct 04 05:21:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	318055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	492552	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	458216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	273032	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	233063	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.66%			
35) Dibromofluoromethane	4.27	113	235486	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.78%			
50) Toluene-d8	7.69	98	552452	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.96%			
62) 4-Bromofluorobenzene	11.50	95	261523	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.00	85	1184	Below Cal		77
11) Tert butyl alcohol	2.68	59	1740	5.780	ug/l #	77
13) Acrolein	2.07	56	1213	5.010	ug/l	84
15) Acrylonitrile	3.03	53	707	1.371	ug/l	96
16) Acetone	2.34	43	10139	Below Cal	#	90
18) Methyl Acetate	2.42	43	741	Below Cal	#	57
20) Methylene Chloride	2.27	84	7328	Below Cal		90
25) 2-Butanone	4.49	43	3548	2.753	ug/l #	84
29) Tetrahydrofuran	4.24	42	1224	Below Cal	#	60
49) 1,4-Dioxane	6.85	88	97	5.577	ug/l #	68
59) 2-Hexanone	9.62	43	11573	7.887	ug/l	84
74) N-amyl acetate	11.45	43	5863	1.188	ug/l #	91

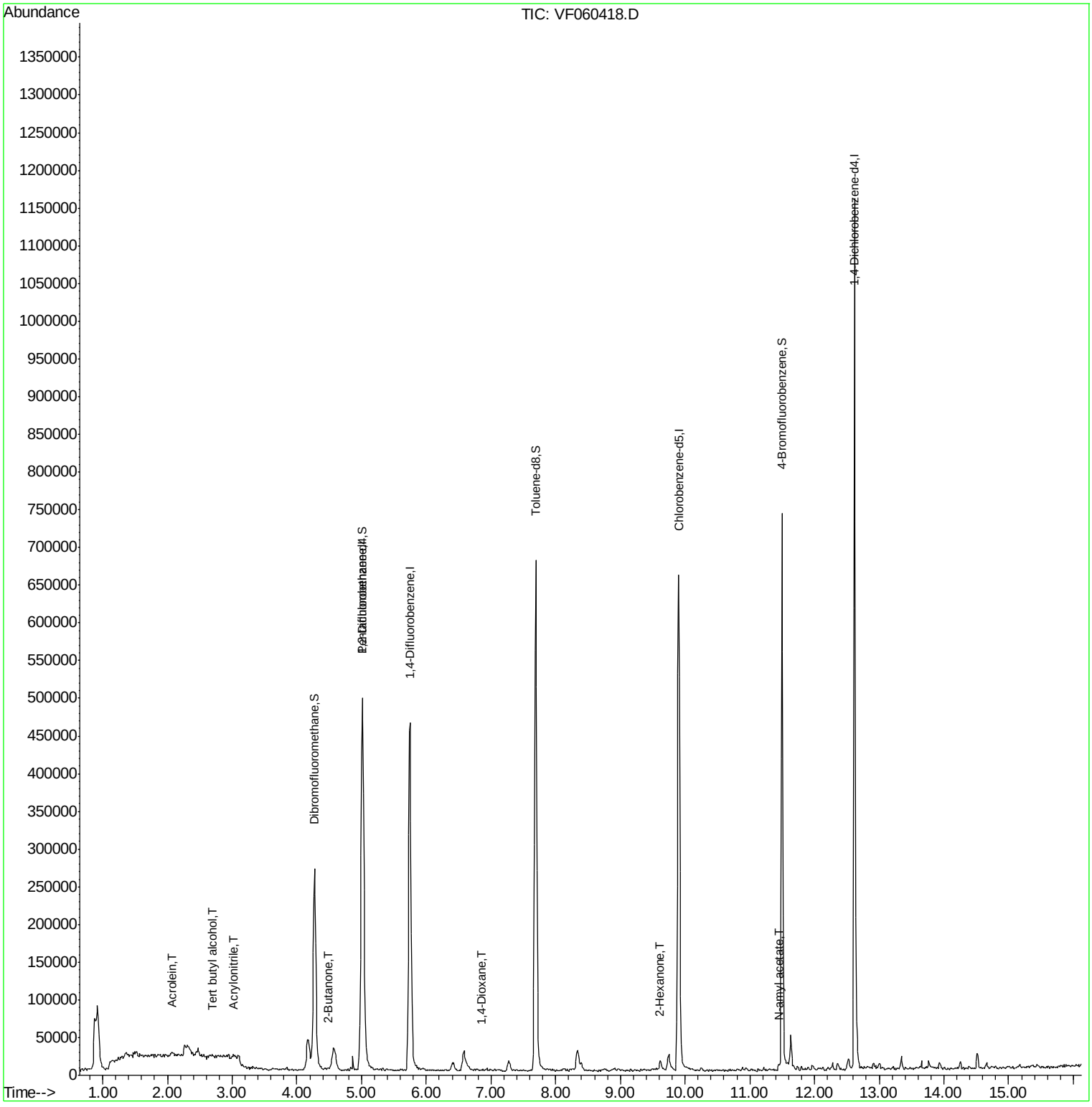
(#) = qualifier out of range (m) = manual integration (+) = signals summed

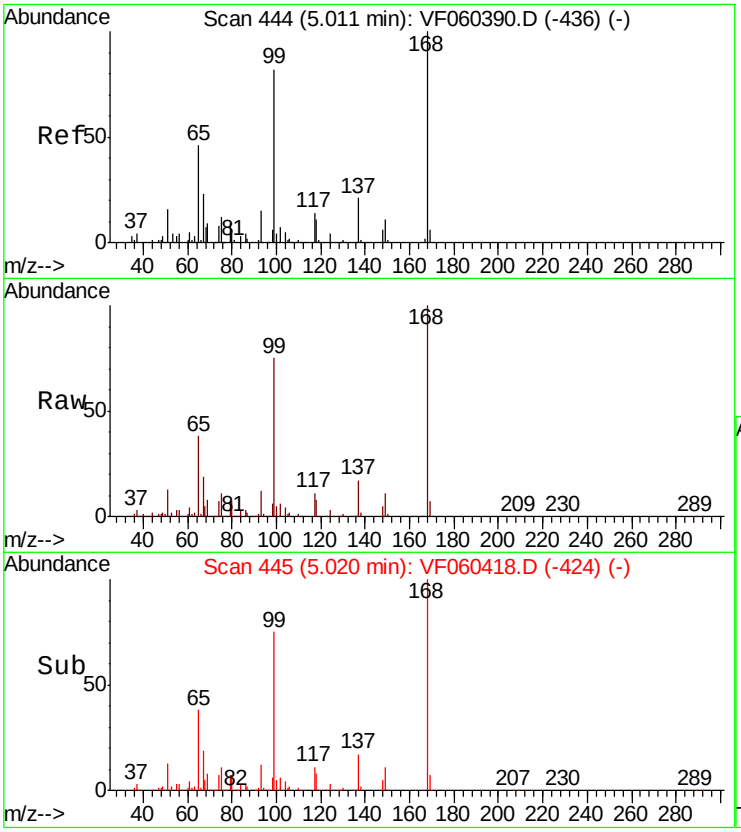
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100318\
Data File : VF060418.D
Acq On : 3 Oct 2018 16:48
Operator : VA/AP
Sample : VF1003SBL01
Misc : 5.00/5mL/MSVOA F/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1003SBL01

Quant Time: Oct 04 05:21:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration



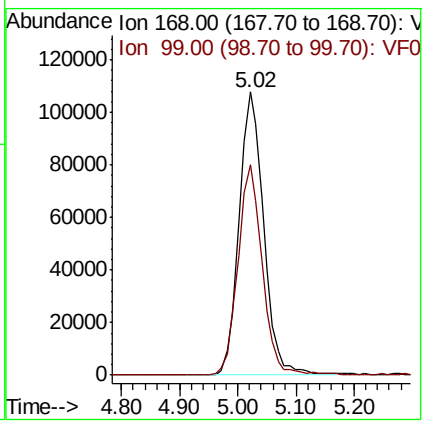


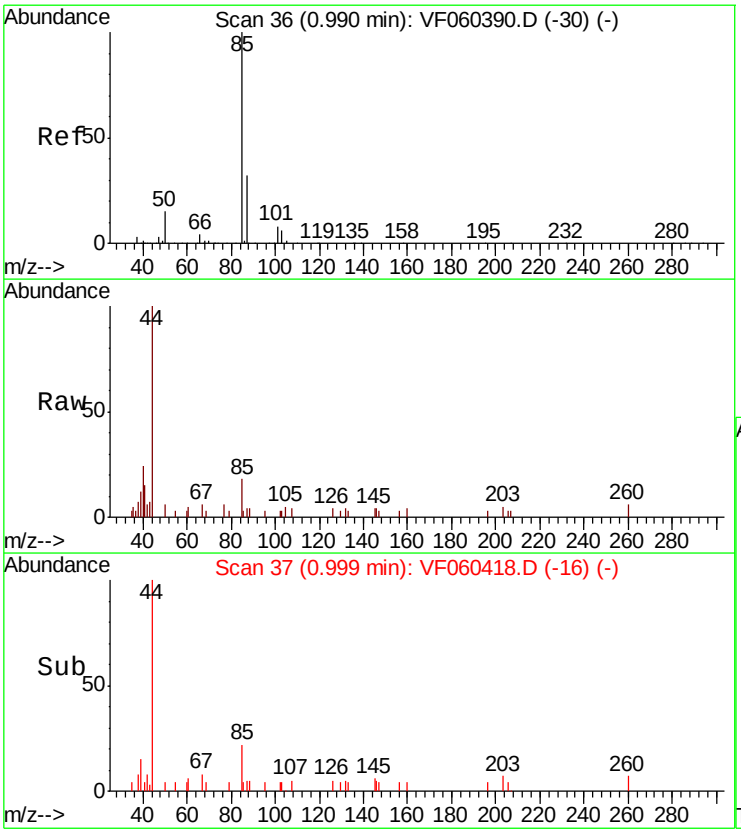
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.02 min Scan# 445
Delta R.T. 0.01 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Instrument :
MSVOA_F
ClientSampleId :
VF1003SBL01

Tgt Ion:168 Resp: 318055

Ion	Ratio	Lower	Upper
168	100		
99	74.5	65.3	97.9

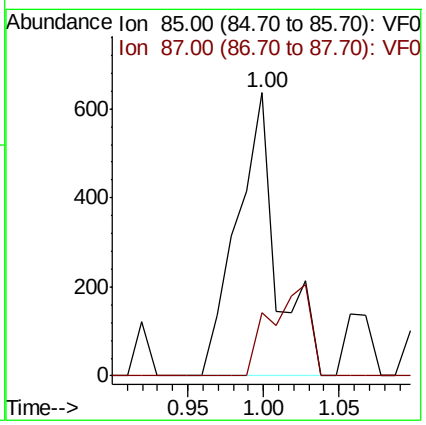


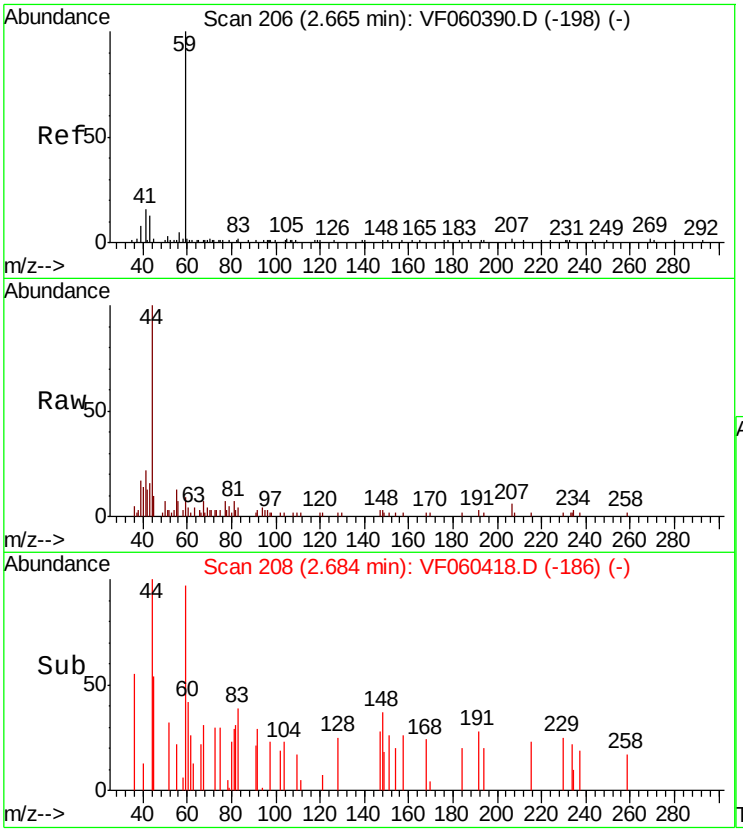


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.00 min Scan# 37
Delta R.T. 0.01 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Tgt Ion: 85 Resp: 1184

Ion	Ratio	Lower	Upper
85	100		
87	19.0	15.9	47.6



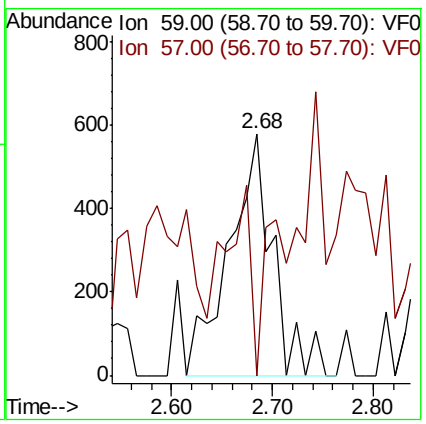


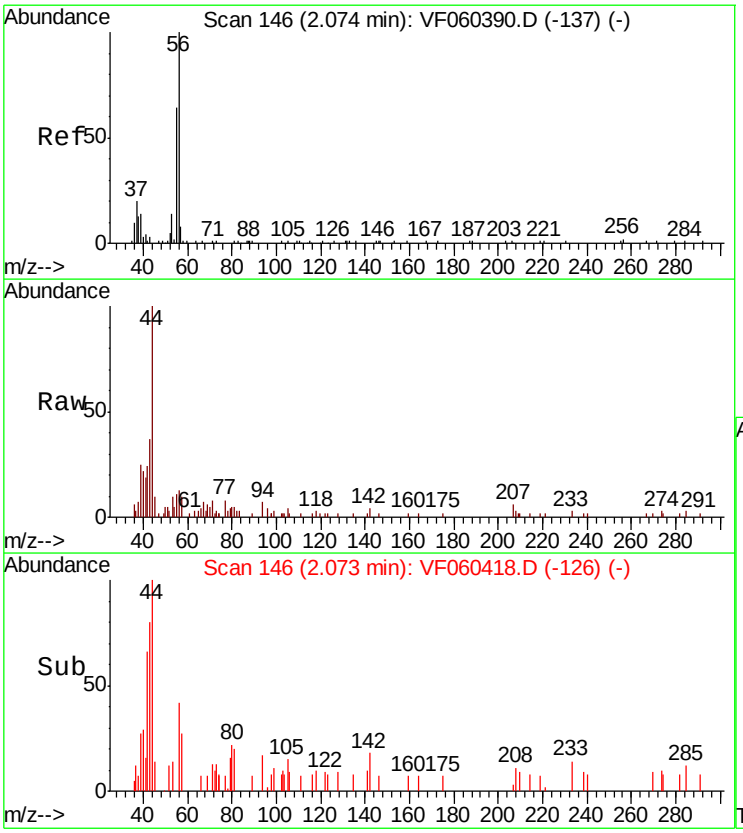
#11
Tert butyl alcohol
Concen: 5.780 ug/l
RT: 2.68 min Scan# 208
Delta R.T. 0.02 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Instrument : MSVOA_F
ClientSampleId : VF1003SBL01

Tgt Ion: 59 Resp: 1740

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.5	9.7#

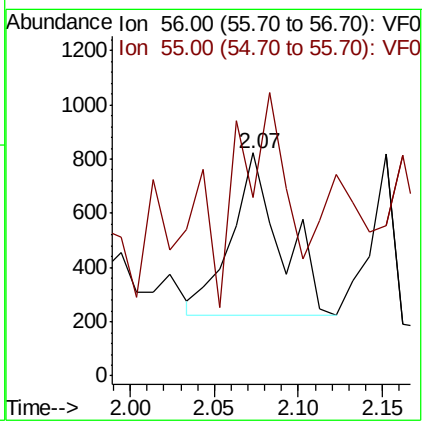


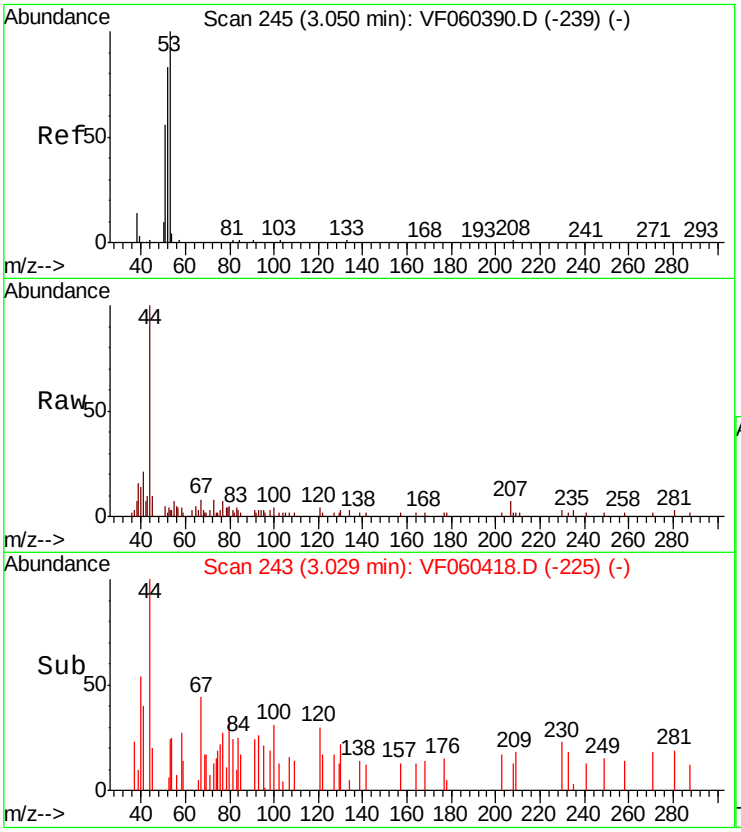


#13
Acrolein
Concen: 5.010 ug/l
RT: 2.07 min Scan# 146
Delta R.T. -0.00 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Tgt Ion: 56 Resp: 1213

Ion	Ratio	Lower	Upper
56	100		
55	80.0	53.9	80.9



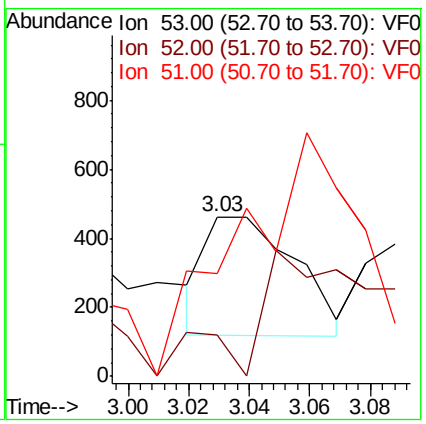


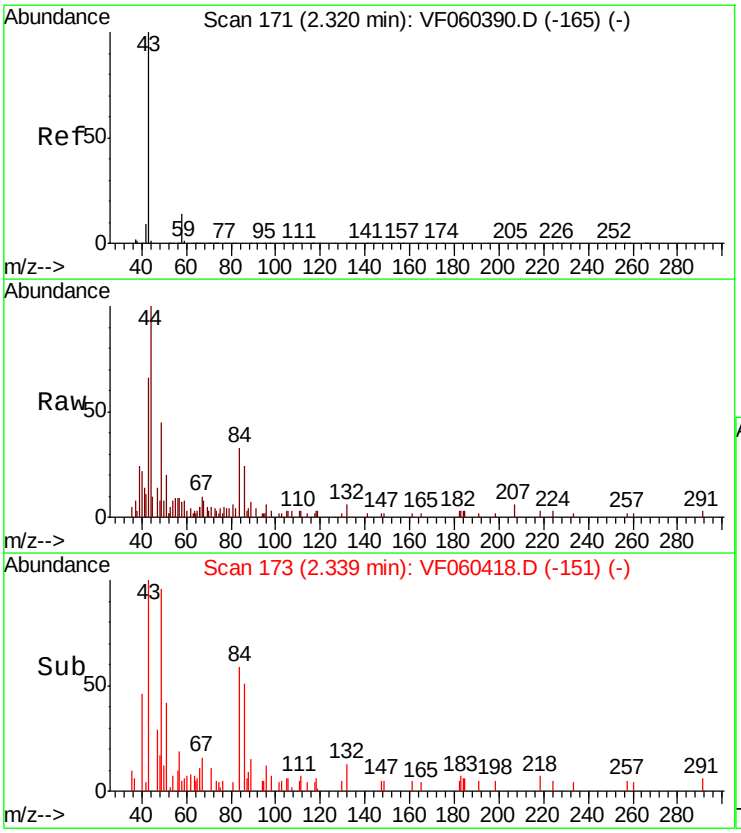
#15
Acrylonitrile
Concen: 1.371 ug/l
RT: 3.03 min Scan# 243
Delta R.T. -0.02 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Instrument : MSVOA_F
ClientSampleId : VF1003SBL01

Tgt Ion: 53 Resp: 707

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.0	99.0
51	64.7	45.6	68.4

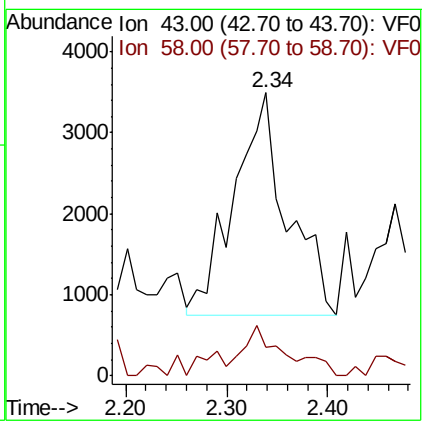


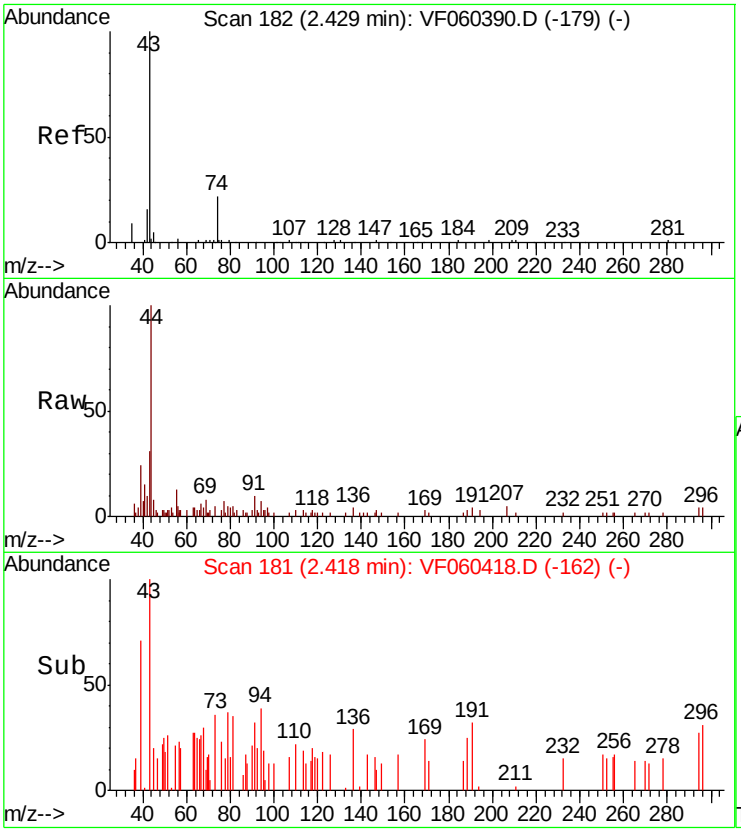


#16
Acetone
Concen: Below Cal
RT: 2.34 min Scan# 173
Delta R.T. 0.02 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Tgt Ion: 43 Resp: 10139

Ion	Ratio	Lower	Upper
43	100		
58	10.1	11.2	16.8#



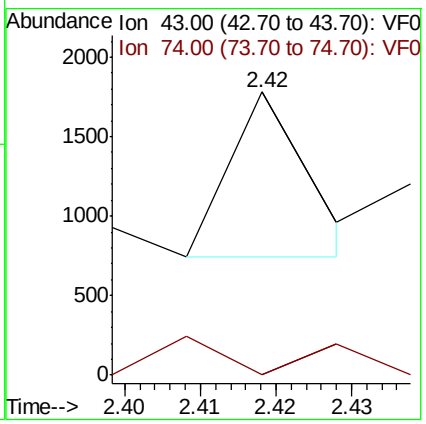


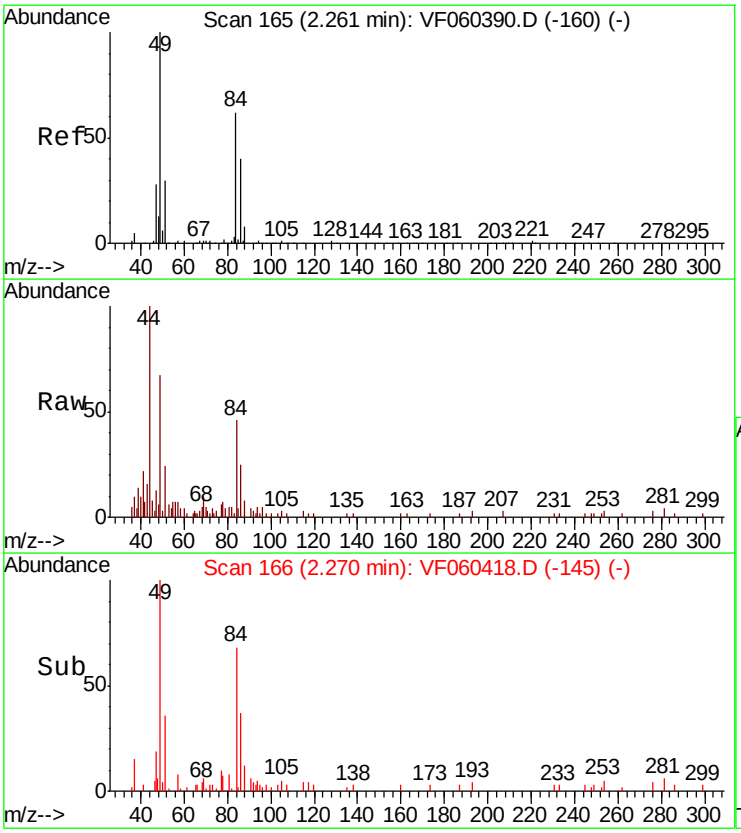
#18
Methyl Acetate
Concen: Below Cal
RT: 2.42 min Scan# 181
Delta R.T. -0.01 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Instrument : MSVOA_F
ClientSampleId : VF1003SBL01

Tgt Ion: 43 Resp: 741

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.8	23.8#

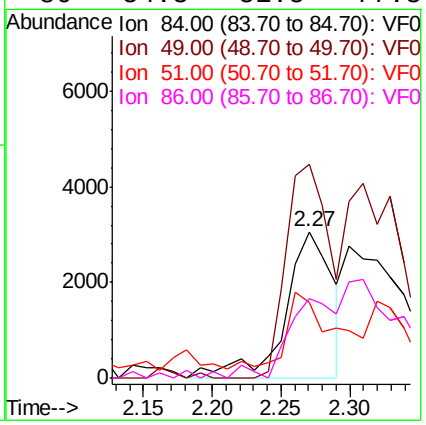


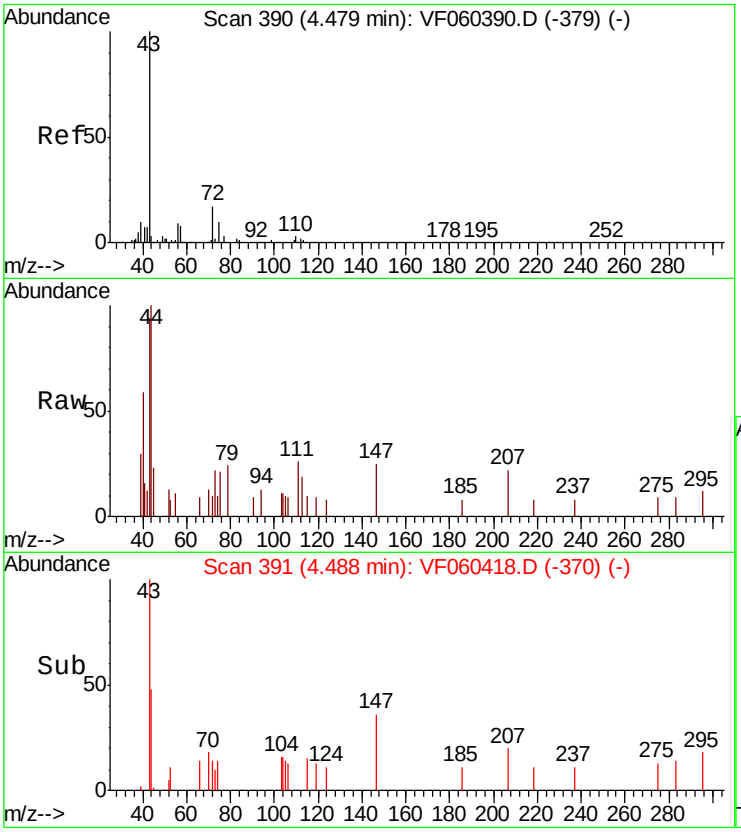


#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 166
Delta R.T. 0.01 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Tgt Ion: 84 Resp: 7328

Ion	Ratio	Lower	Upper
84	100		
49	146.3	130.2	195.2
51	52.0	41.0	61.6
86	54.3	51.5	77.3



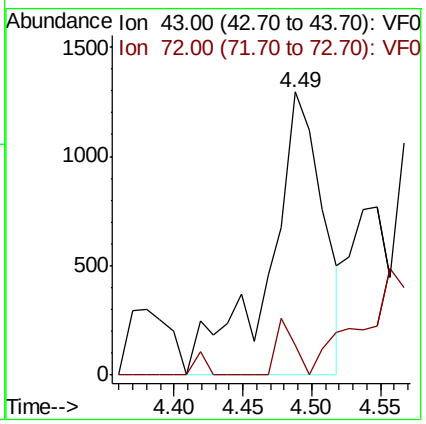


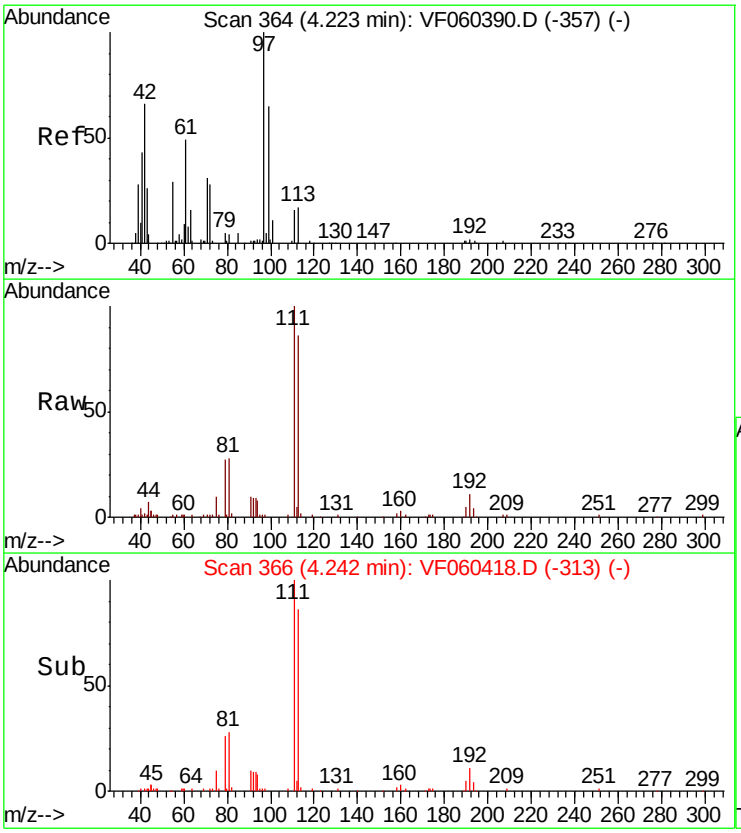
#25
2-Butanone
Concen: 2.753 ug/l
RT: 4.49 min Scan# 391
Delta R.T. 0.01 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Instrument : MSVOA_F
ClientSampleId : VF1003SBL01

Tgt Ion: 43 Resp: 3548

Ion	Ratio	Lower	Upper
43	100		
72	10.4	14.1	21.1#

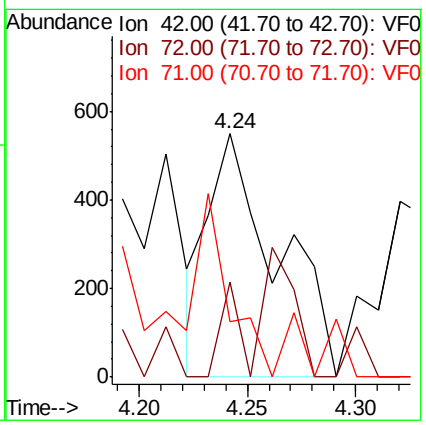


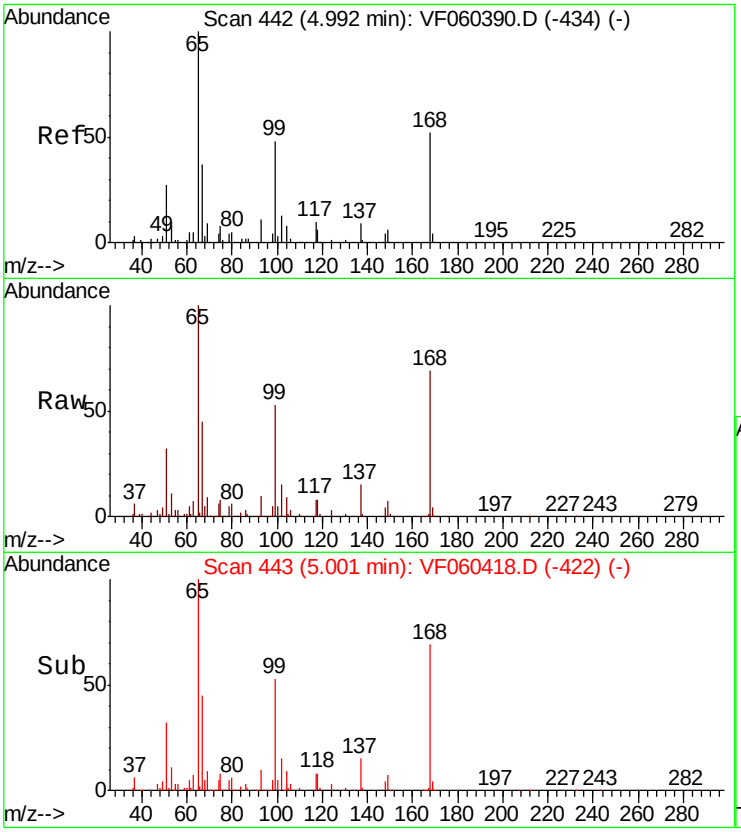


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.24 min Scan# 366
Delta R.T. 0.02 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Tgt Ion: 42 Resp: 1224

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.6	50.4#
71	32.6	32.7	49.1#



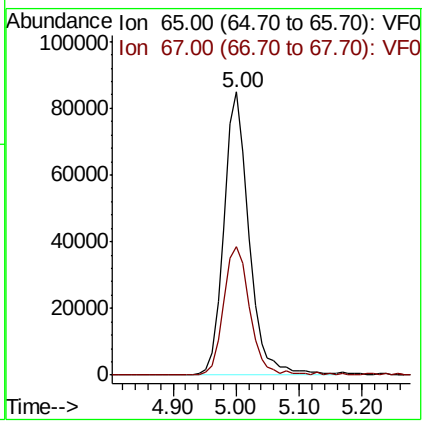


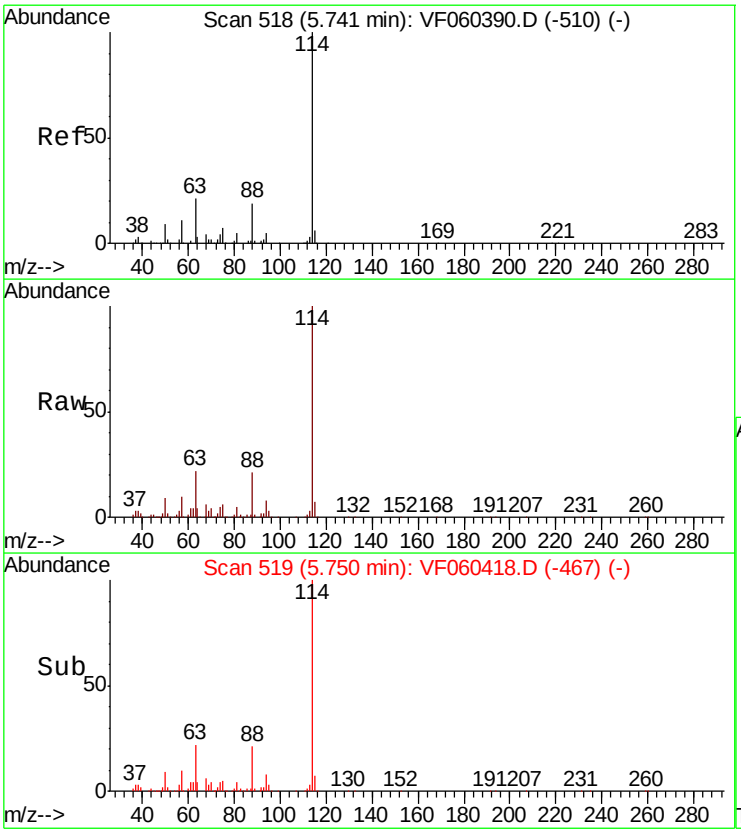
#33
1,2-Dichloroethane-d4
Concen: 46.830 ug/l
RT: 5.00 min Scan# 443
Delta R.T. 0.01 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Instrument :
MSVOA_F
ClientSampleId :
VF1003SBL01

Tgt Ion: 65 Resp: 233063

Ion	Ratio	Lower	Upper
65	100		
67	45.3	0.0	89.4

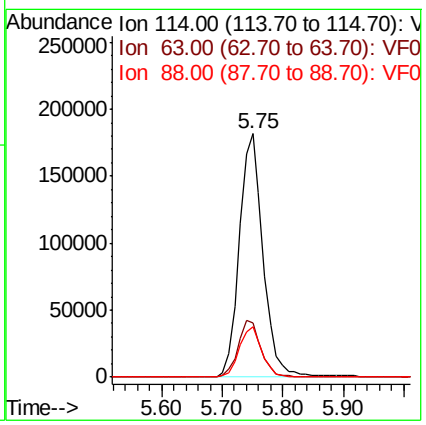


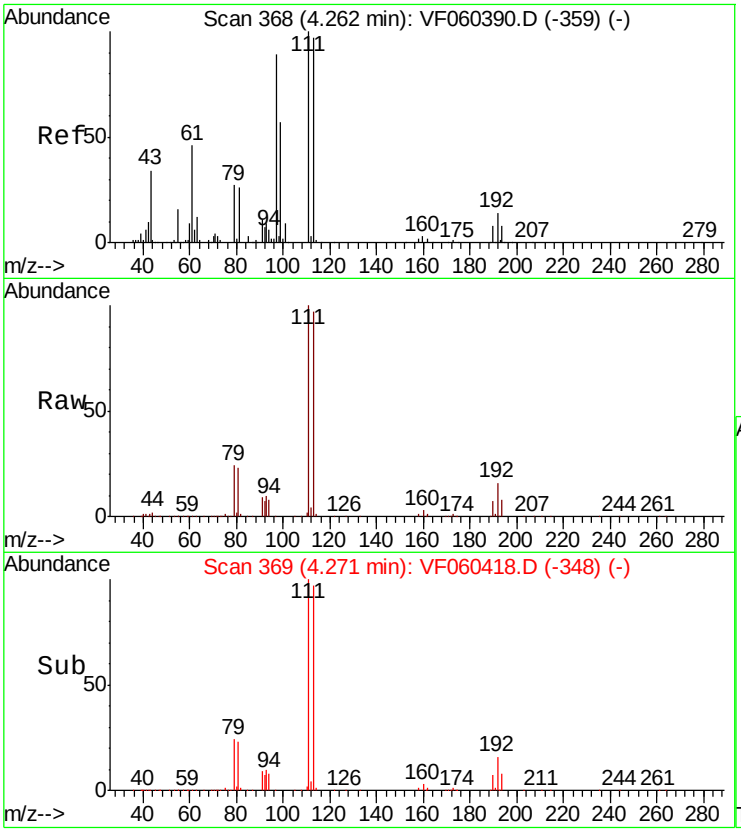


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 519
Delta R.T. 0.01 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Tgt Ion:114 Resp: 492552

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	42.2
88	20.6	0.0	38.8



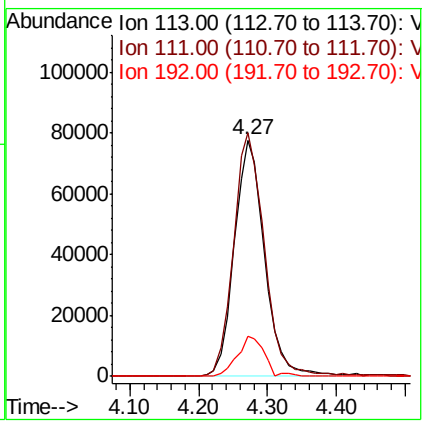


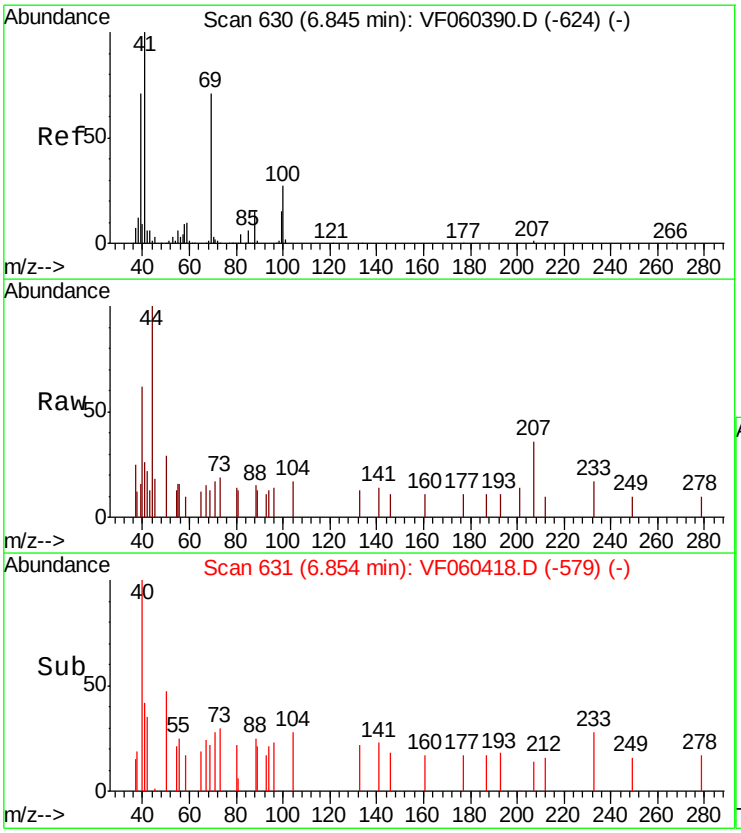
#35
Dibromofluoromethane
Concen: 50.892 ug/l
RT: 4.27 min Scan# 369
Delta R.T. 0.01 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Instrument :
MSVOA_F
ClientSampleId :
VF1003SBL01

Tgt Ion:113 Resp: 235486

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.3	123.5
192	17.0	11.8	17.6

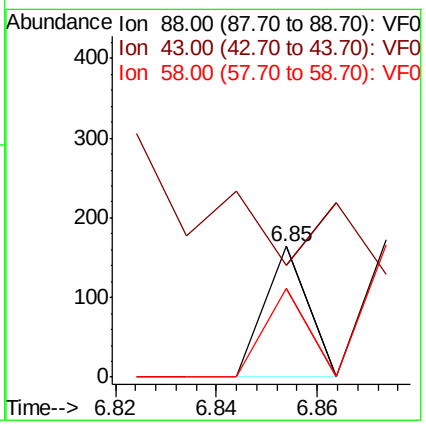


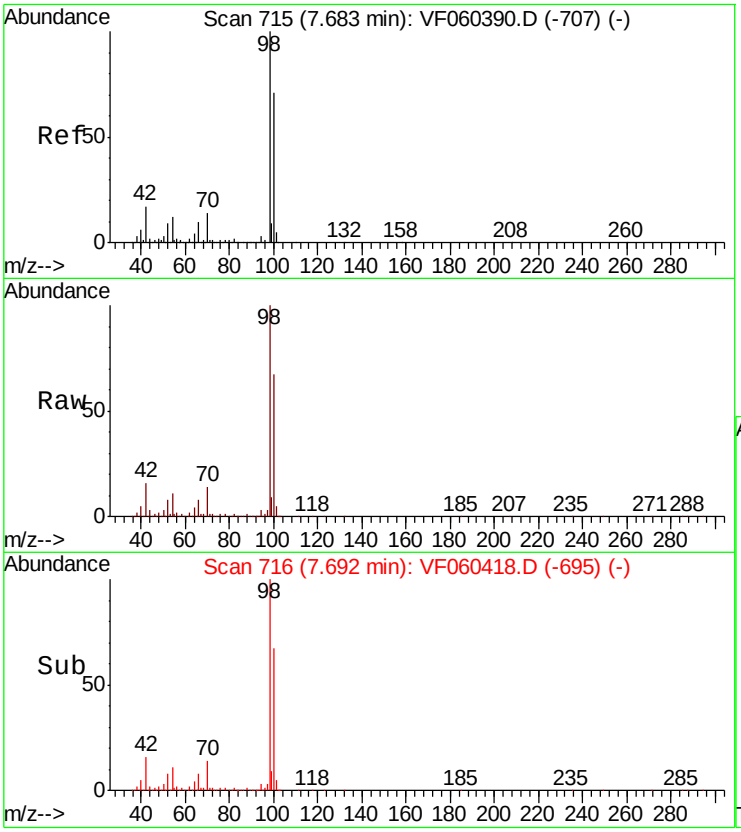


#49
1,4-Dioxane
Concen: 5.577 ug/l
RT: 6.85 min Scan# 631
Delta R.T. 0.01 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Tgt Ion: 88 Resp: 97

Ion	Ratio	Lower	Upper
88	100		
43	86.0	38.3	57.5#
58	68.3	47.4	71.2



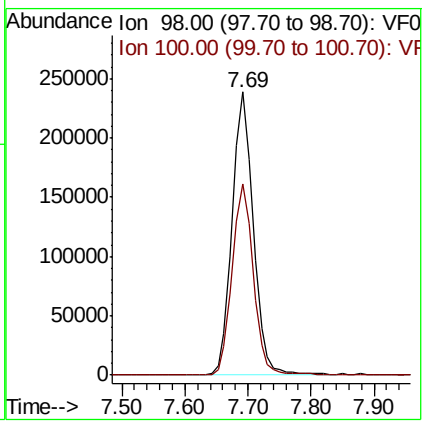


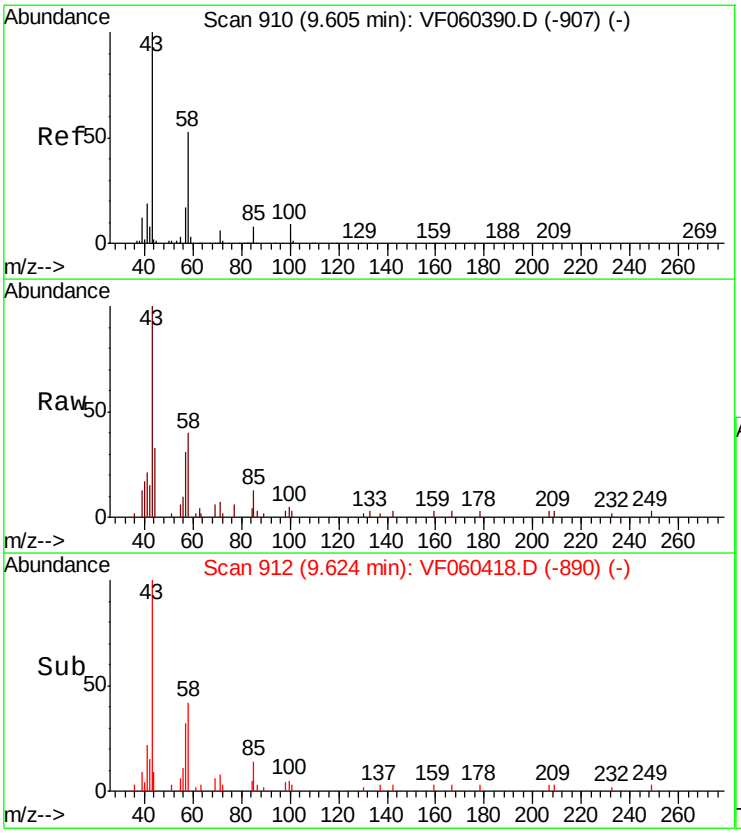
#50
Toluene-d8
Concen: 48.478 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.01 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Instrument :
MSVOA_F
ClientSampleId :
VF1003SBL01

Tgt Ion: 98 Resp: 552452

Ion	Ratio	Lower	Upper
98	100		
100	67.3	56.5	84.7

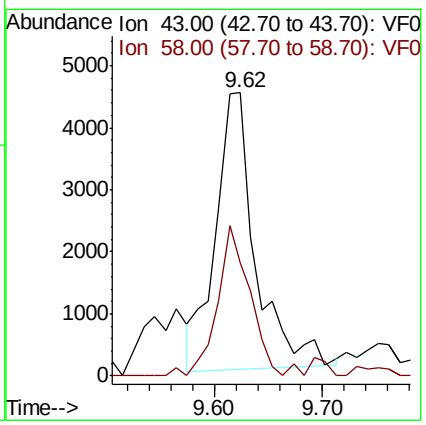


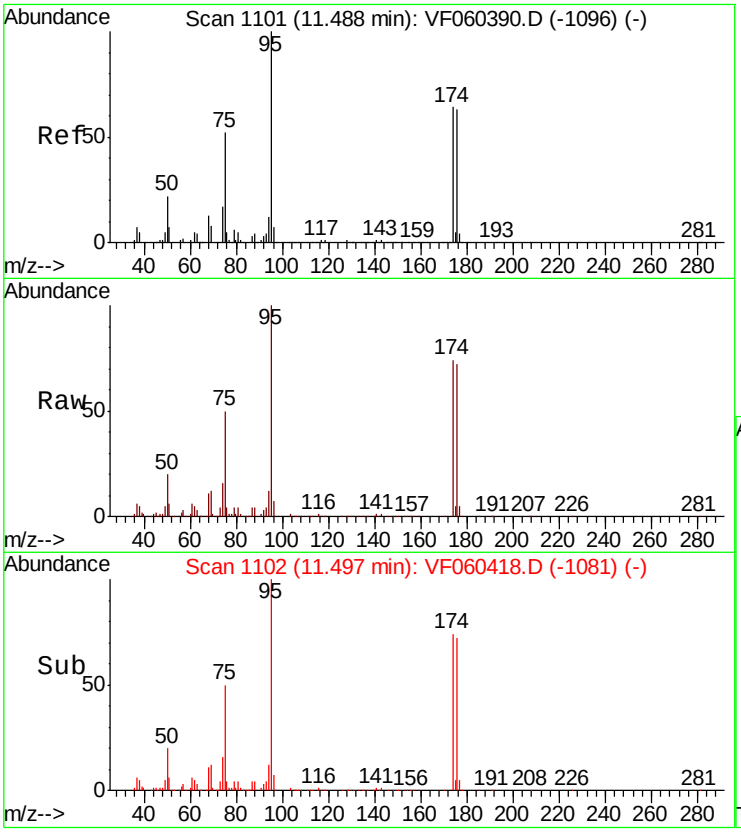


#59
2-Hexanone
Concen: 7.887 ug/l
RT: 9.62 min Scan# 912
Delta R.T. 0.02 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Tgt Ion: 43 Resp: 11573

Ion	Ratio	Lower	Upper
43	100		
58	40.0	25.6	76.6



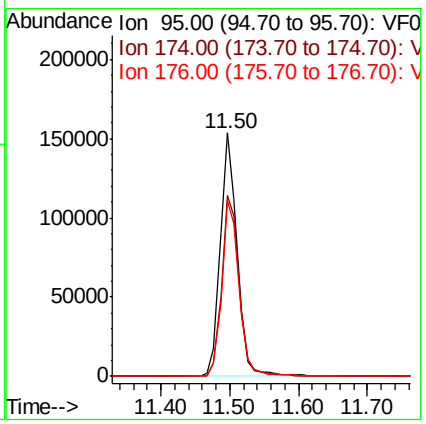


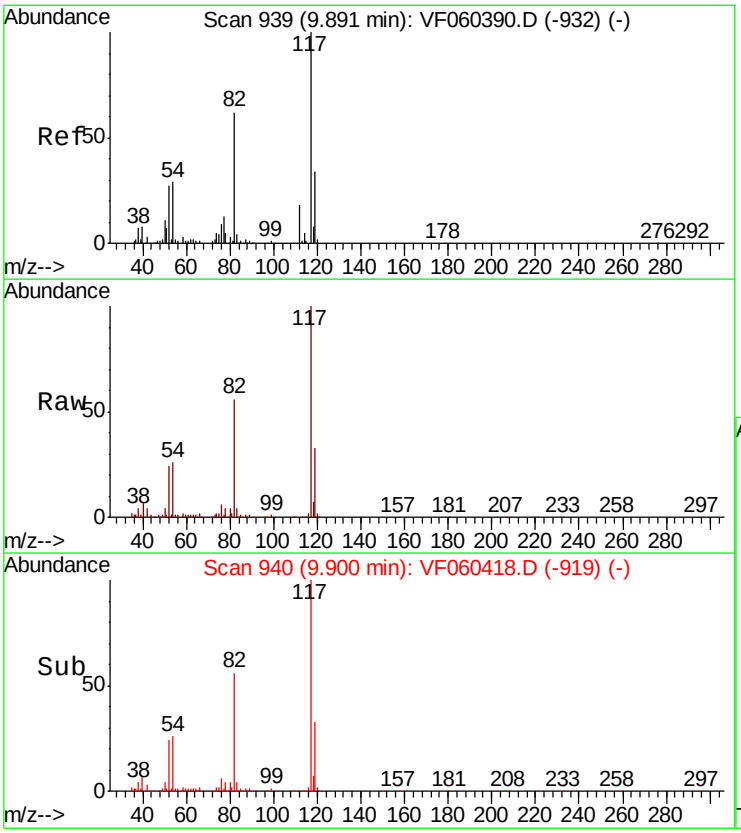
#62
4-Bromofluorobenzene
Concen: 50.261 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. 0.01 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Instrument : MSVOA_F
ClientSampleId : VF1003SBL01

Tgt Ion: 95 Resp: 261523

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	129.0
176	72.0	0.0	125.6

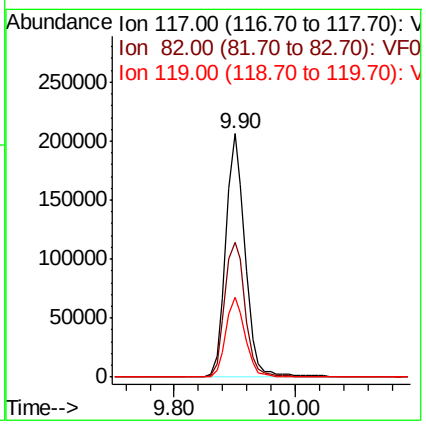


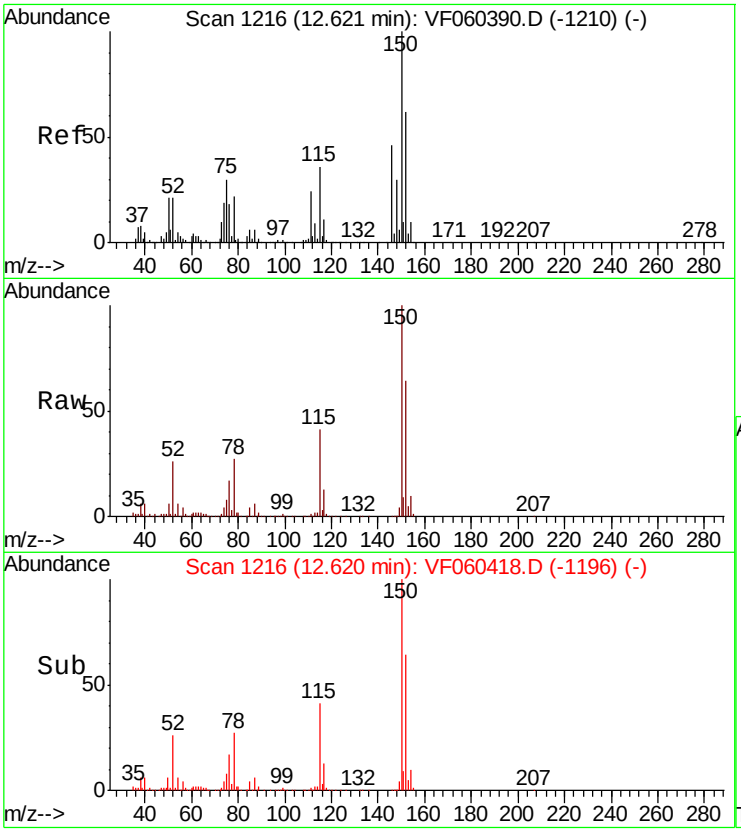


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Tgt Ion:117 Resp: 458216

Ion	Ratio	Lower	Upper
117	100		
82	55.6	49.5	74.3
119	32.7	27.0	40.6



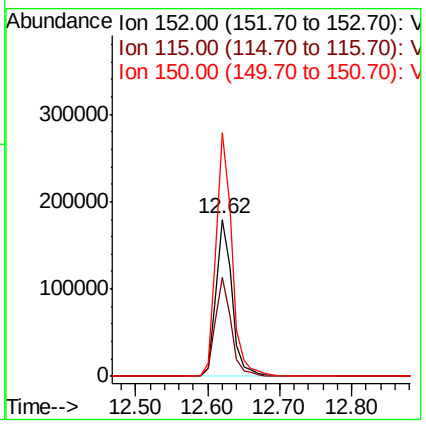


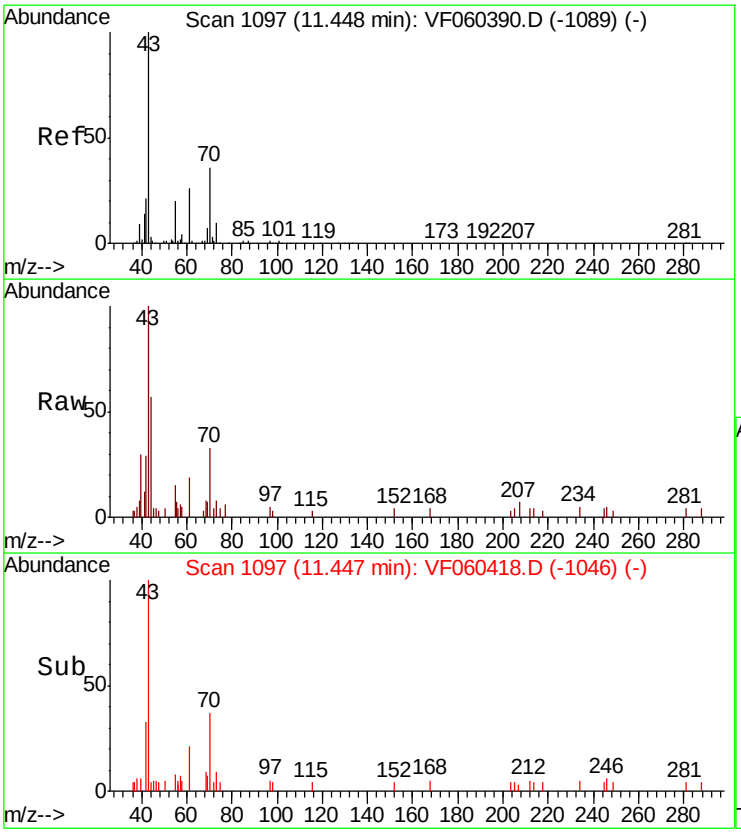
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Instrument :
MSVOA_F
ClientSampleId :
VF1003SBL01

Tgt Ion:152 Resp: 273032

Ion	Ratio	Lower	Upper
152	100		
115	63.2	28.6	85.8
150	155.2	0.0	324.6





#74
N-amyl acetate
Concen: 1.188 ug/l
RT: 11.45 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VF060418.D
Acq: 3 Oct 2018 16:48

Tgt Ion: 43 Resp: 5863

Ion	Ratio	Lower	Upper
43	100		
70	33.2	29.1	43.7
55	15.4	16.3	24.5#
61	19.0	21.0	31.4#