Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120618\
Data File : VF060917.D
Acq On : 6 Dec 2018 15:11
Operator : VA/AP
Sample : J6248-01
Misc : 5.01g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 06 15:46:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	171193	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	289196	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	260580	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	149001	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	91314	45.28	ug/l	-0.04
Spiked Amount 50.000			Recovery = 90.56%			
35) Dibromofluoromethane	4.10	113	100424	43.77	ug/l	-0.05
Spiked Amount 50.000			Recovery = 87.54%			
50) Toluene-d8	7.55	98	237360	35.12	ug/l	-0.04
Spiked Amount 50.000			Recovery = 70.24%			
62) 4-Bromofluorobenzene	11.41	95	120724	39.30	ug/l	-0.03
Spiked Amount 50.000			Recovery = 78.60%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.57	59	324	3.919	ug/l #	62
13) Acrolein	1.86	56	493	6.294	ug/l	92
15) Acrylonitrile	2.94	53	752	4.057	ug/l #	48
16) Acetone	2.14	43	3091	8.312	ug/l	99
18) Methyl Acetate	2.40	43	3591	4.245	ug/l #	61
25) 2-Butanone	4.36	43	810	1.259	ug/l #	57
29) Tetrahydrofuran	4.07	42	736	2.699	ug/l #	82
41) Methacrylonitrile	4.73	41	107	Below Cal	#	55
43) Isopropyl Acetate	6.95	43	597	Below Cal	#	49
49) 1,4-Dioxane	6.74	88	68	7.875	ug/l #	25
51) 4-Methyl-2-Pentanone	8.27	43	2297	1.911	ug/l	90
59) 2-Hexanone	9.50	43	1992	2.362	ug/l	90
95) Naphthalene	14.45	128	3625	Below Cal		98

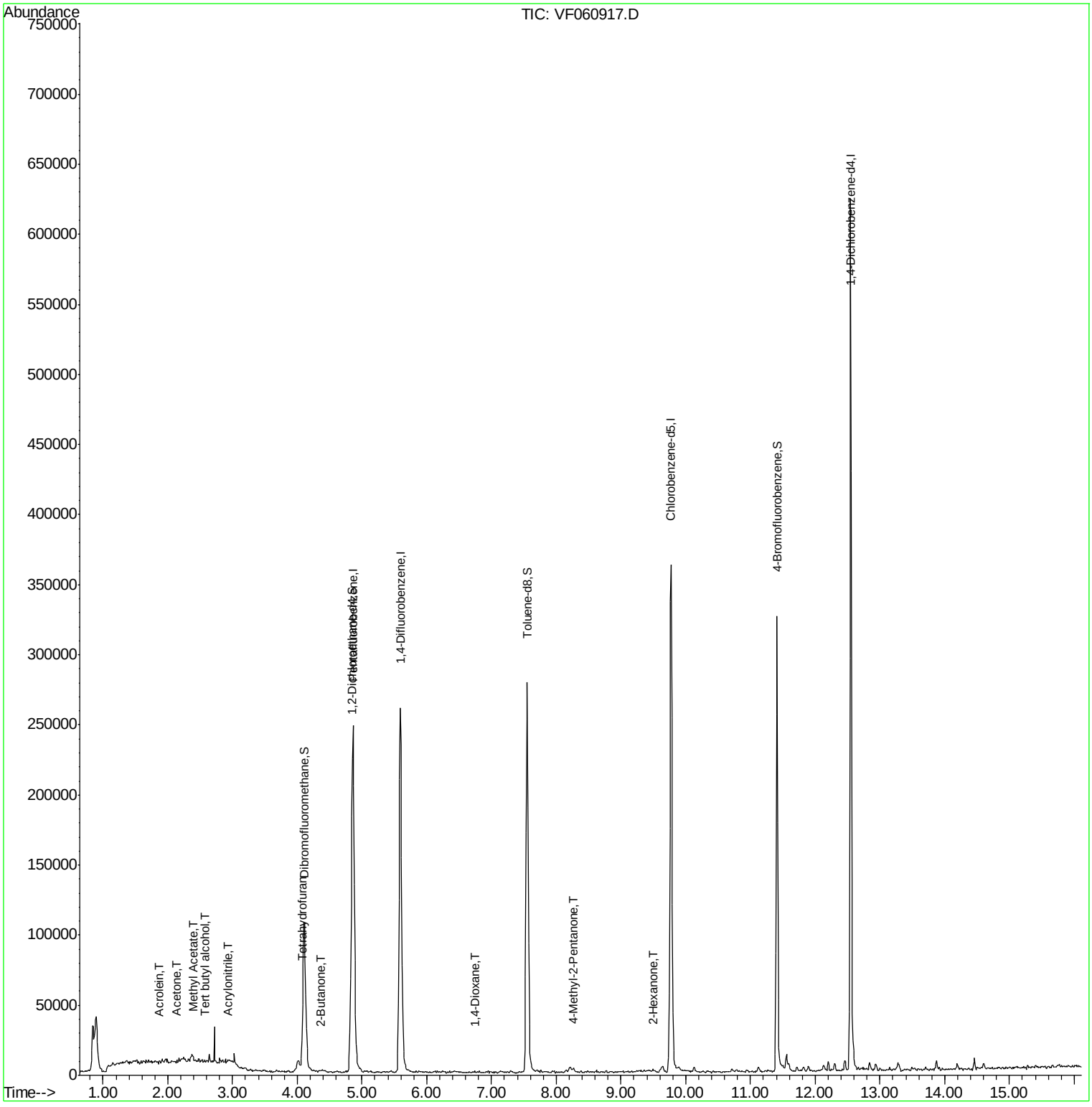
(#) = qualifier out of range (m) = manual integration (+) = signals summed

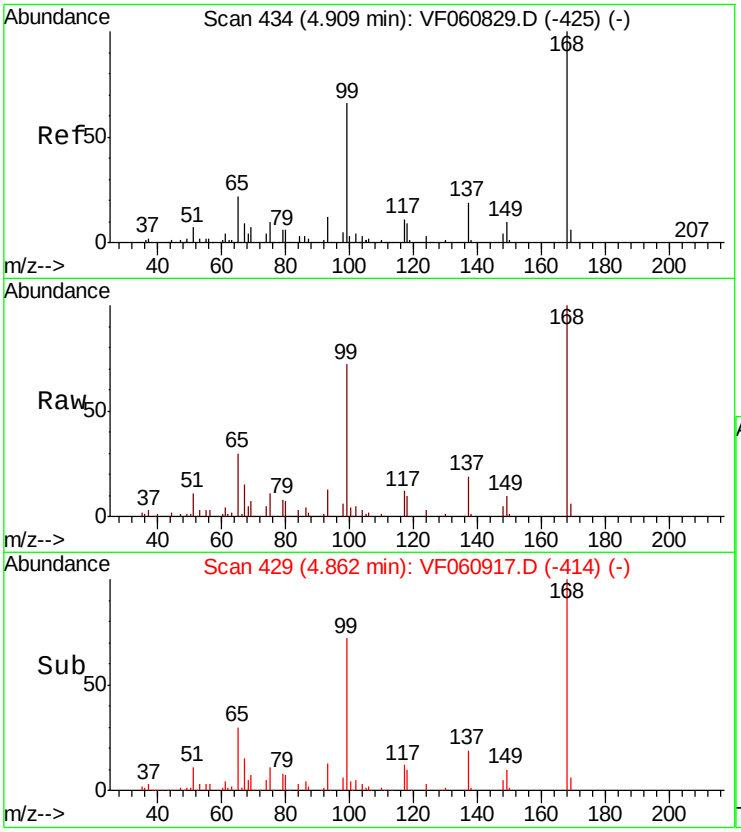
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120618\
Data File : VF060917.D
Acq On : 6 Dec 2018 15:11
Operator : VA/AP
Sample : J6248-01
Misc : 5.01g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 06 15:46:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration



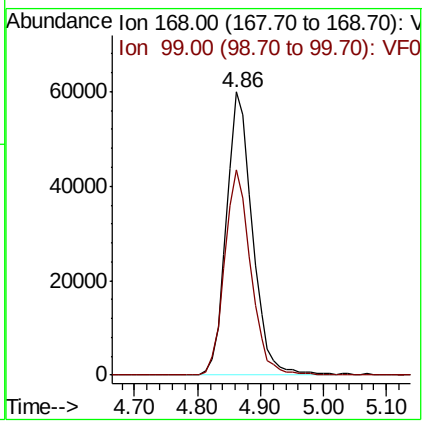


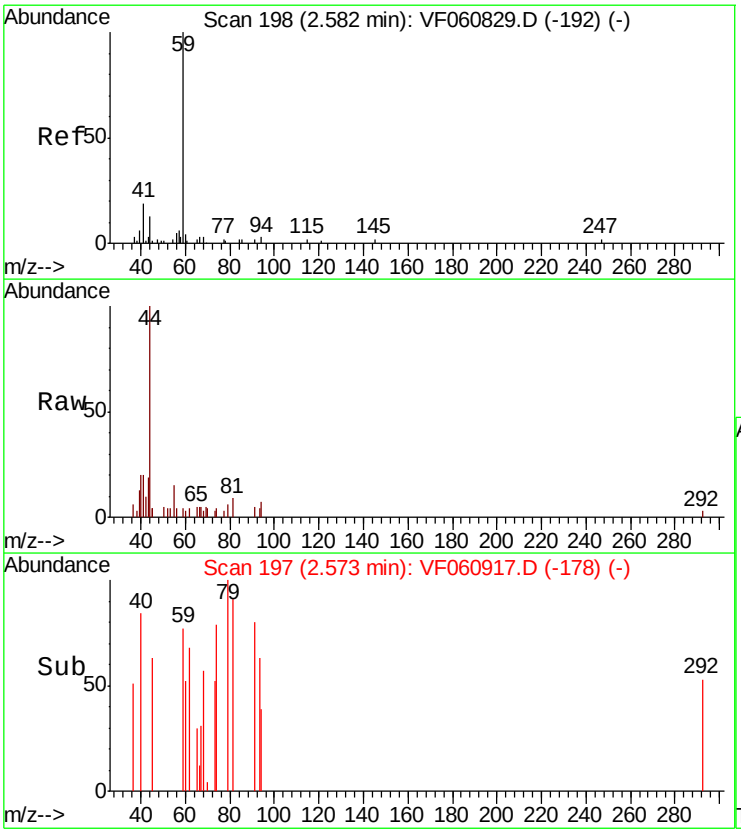
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.05 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 171193

Ion	Ratio	Lower	Upper
168	100		
99	72.3	52.6	79.0

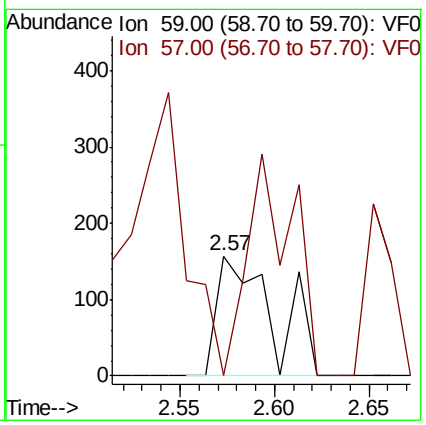


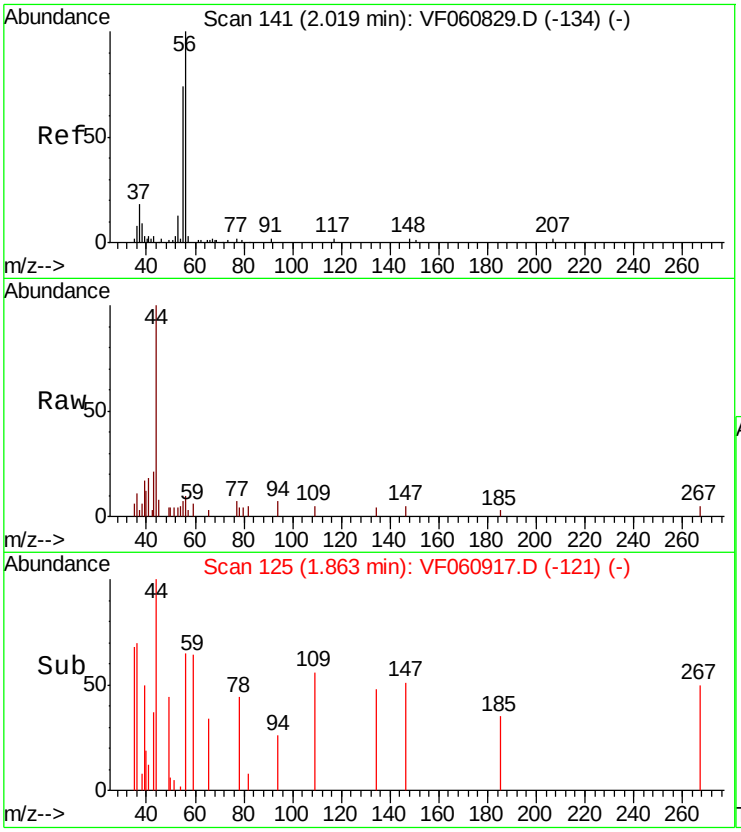


#11
Tert butyl alcohol
Concen: 3.919 ug/l
RT: 2.57 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Tgt Ion: 59 Resp: 324

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.7	19.1#



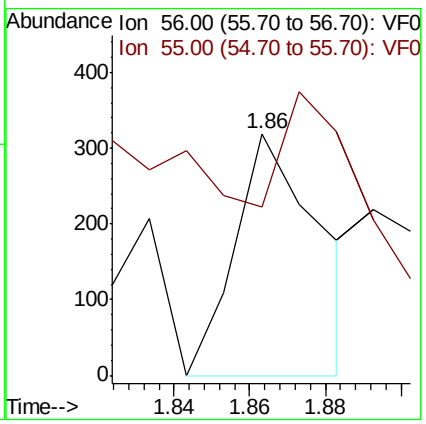


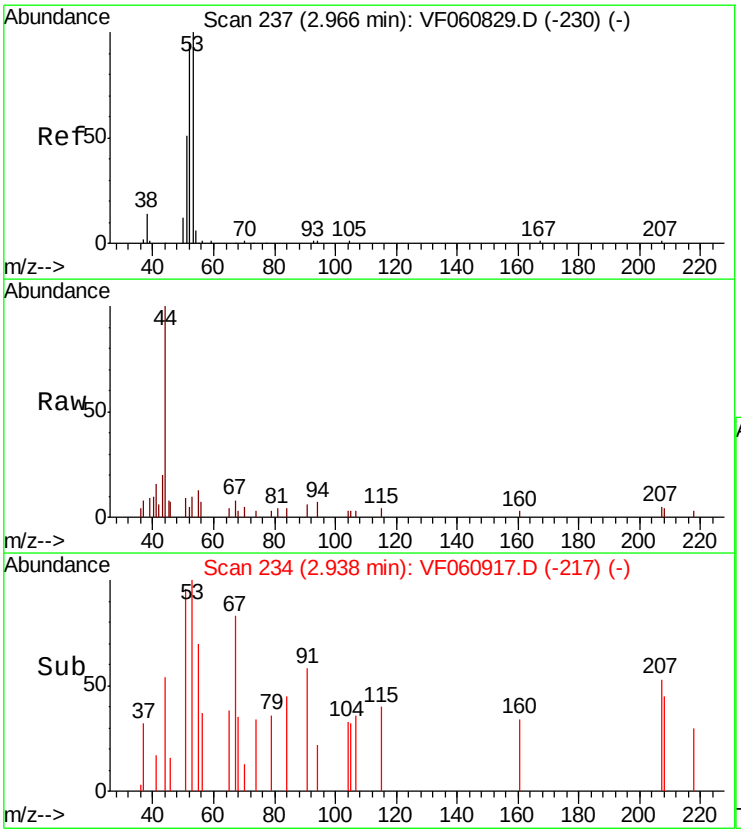
#13
Acrolein
Concen: 6.294 ug/l
RT: 1.86 min Scan# 125
Delta R.T. -0.16 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 493

Ion	Ratio	Lower	Upper
56	100		
55	69.6	61.2	91.8

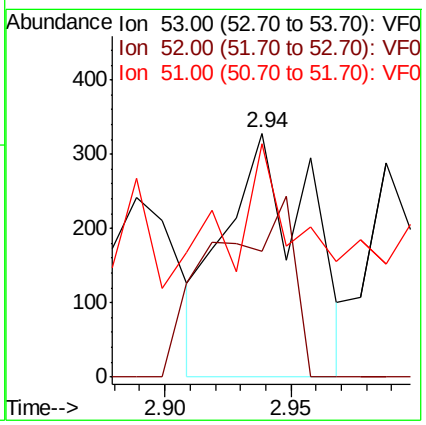


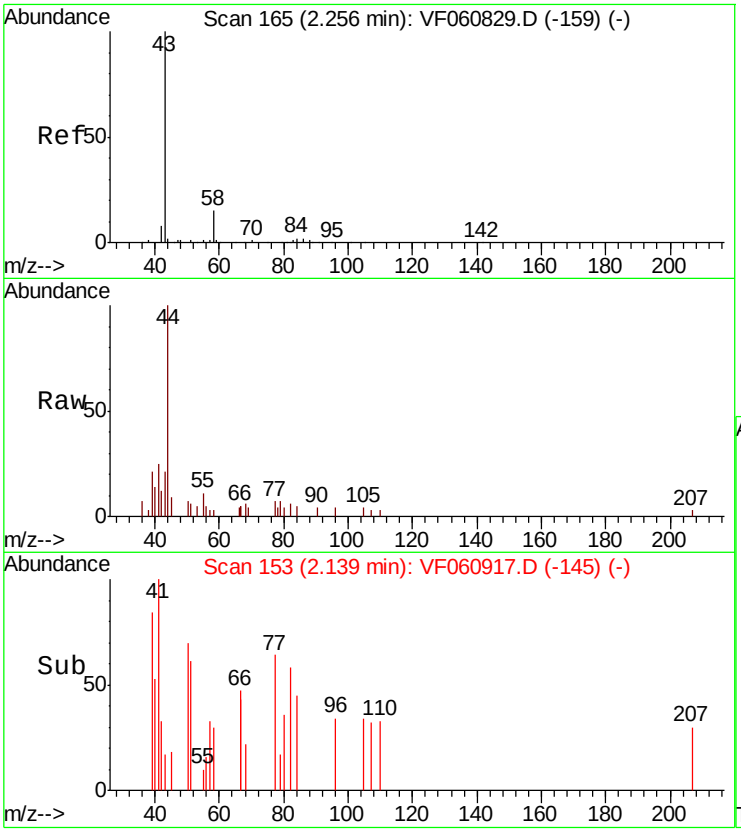


#15
Acrylonitrile
Concen: 4.057 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.03 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Tgt Ion: 53 Resp: 752

Ion	Ratio	Lower	Upper
53	100		
52	51.5	76.5	114.7#
51	96.0	40.7	61.1#



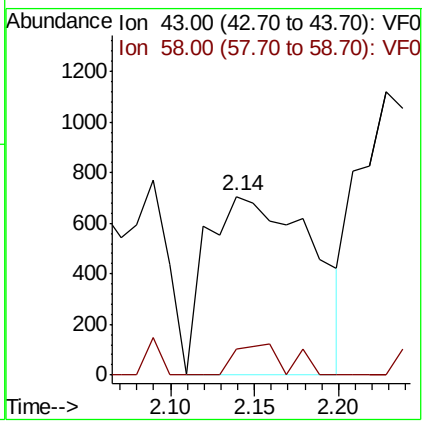


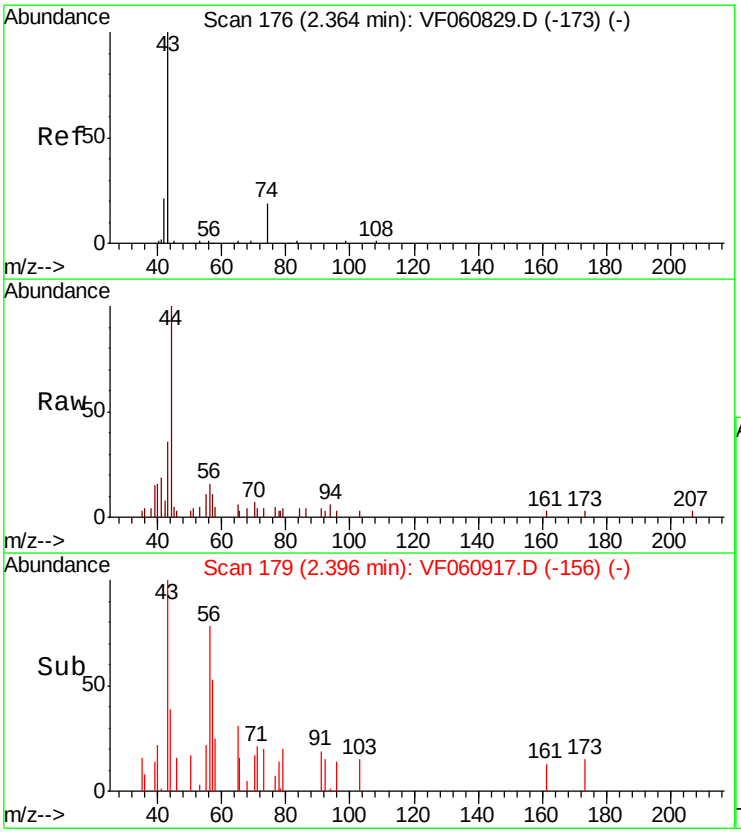
#16
Acetone
Concen: 8.312 ug/l
RT: 2.14 min Scan# 153
Delta R.T. -0.12 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3091

Ion	Ratio	Lower	Upper
43	100		
58	14.9	11.4	17.2

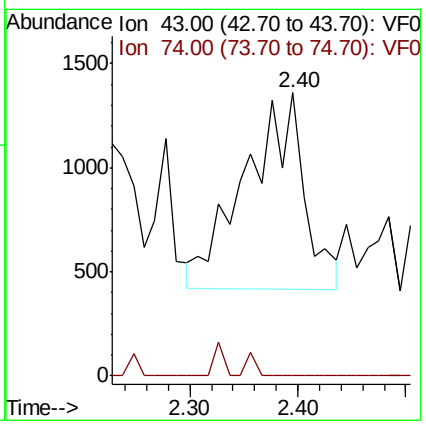


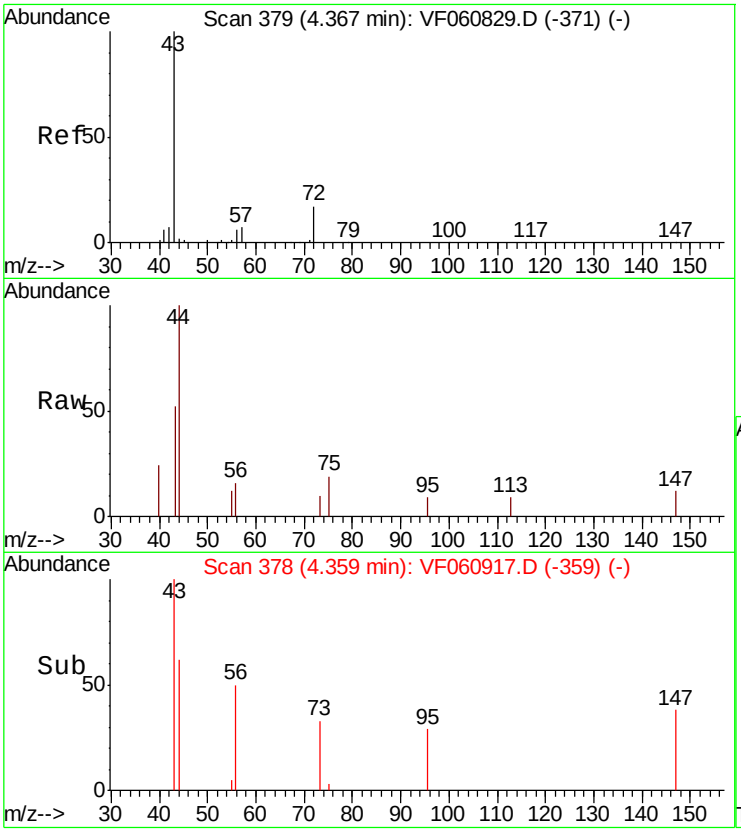


#18
Methyl Acetate
Concen: 4.245 ug/l
RT: 2.40 min Scan# 179
Delta R.T. 0.03 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Tgt Ion: 43 Resp: 3591

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#



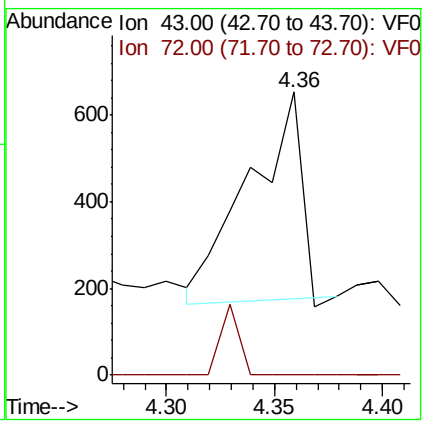


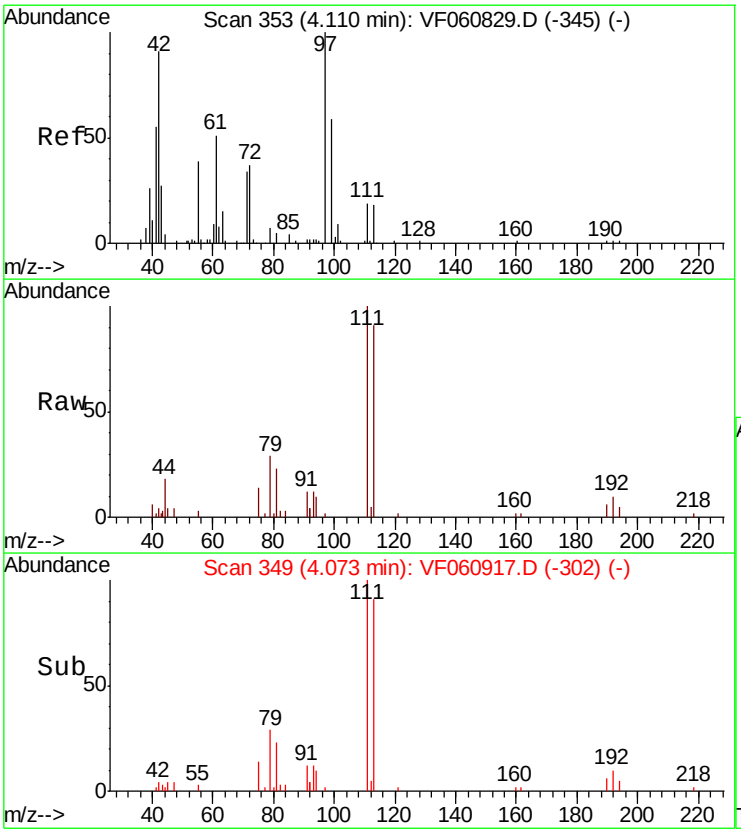
#25
2-Butanone
Concen: 1.259 ug/l
RT: 4.36 min Scan# 378
Delta R.T. -0.01 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 810

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#

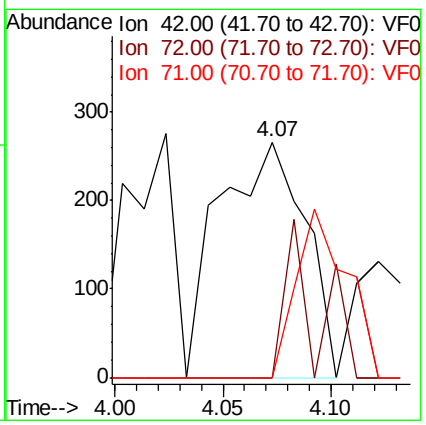


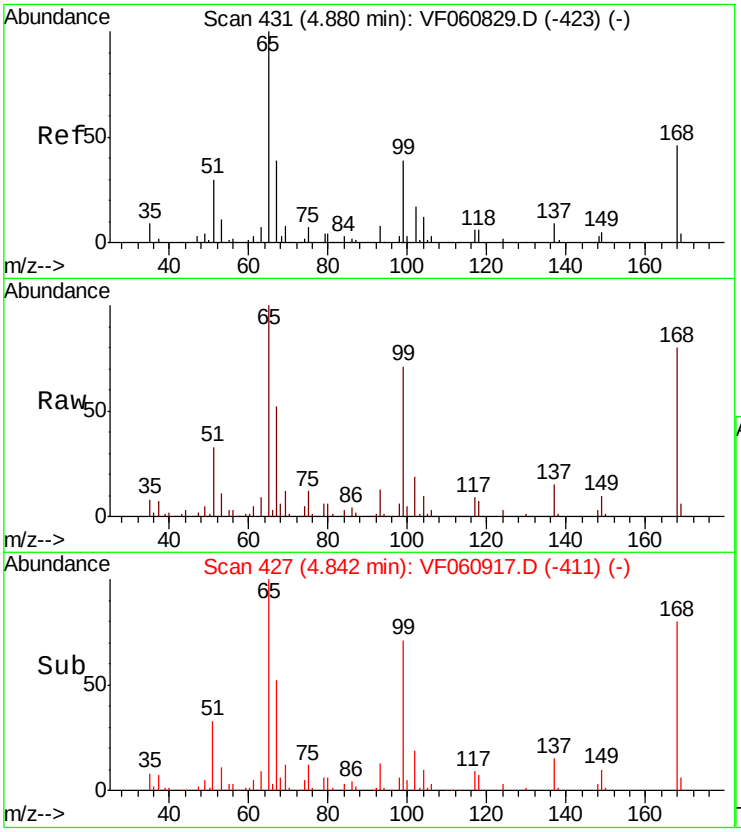


#29
Tetrahydrofuran
Concen: 2.699 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.04 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Tgt Ion: 42 Resp: 736

Ion	Ratio	Lower	Upper
42	100		
72	24.7	31.9	47.9#
71	42.4	28.7	43.1



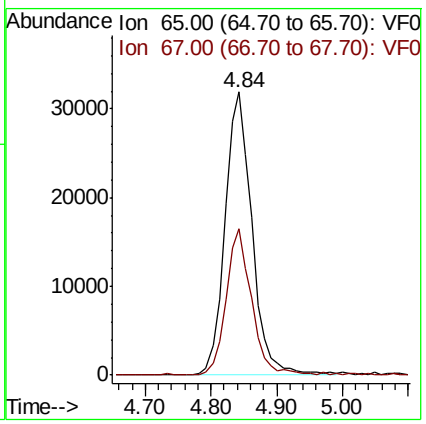


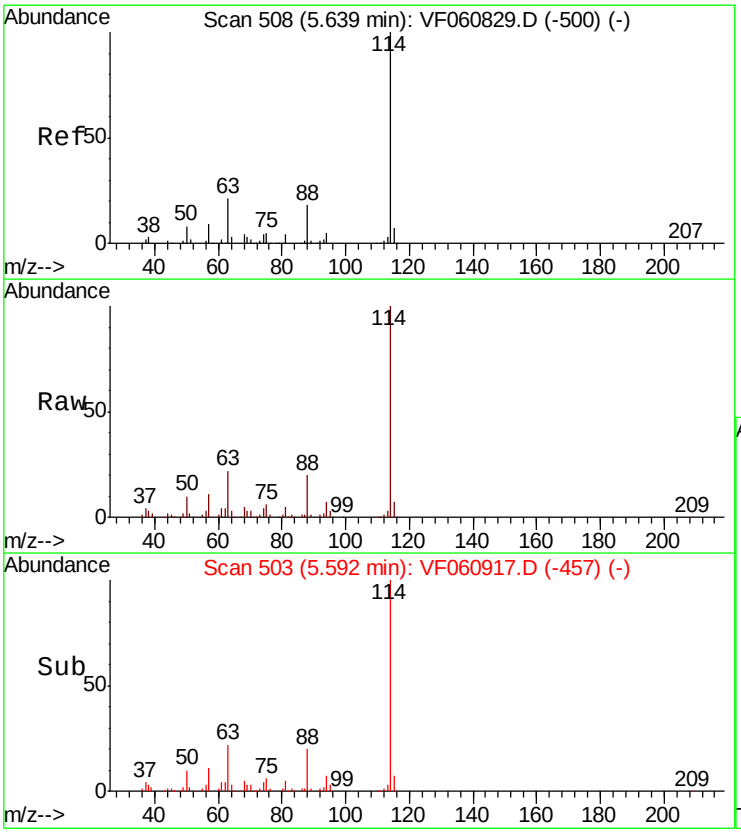
#33
1,2-Dichloroethane-d4
Concen: 45.279 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 91314

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	96.4

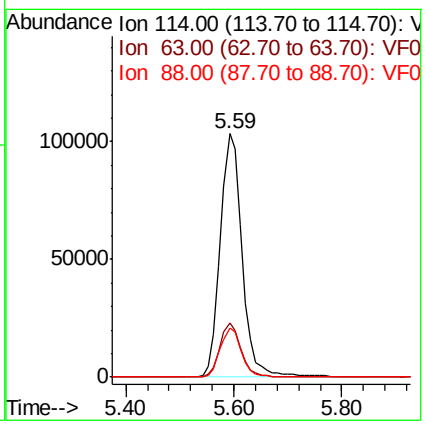


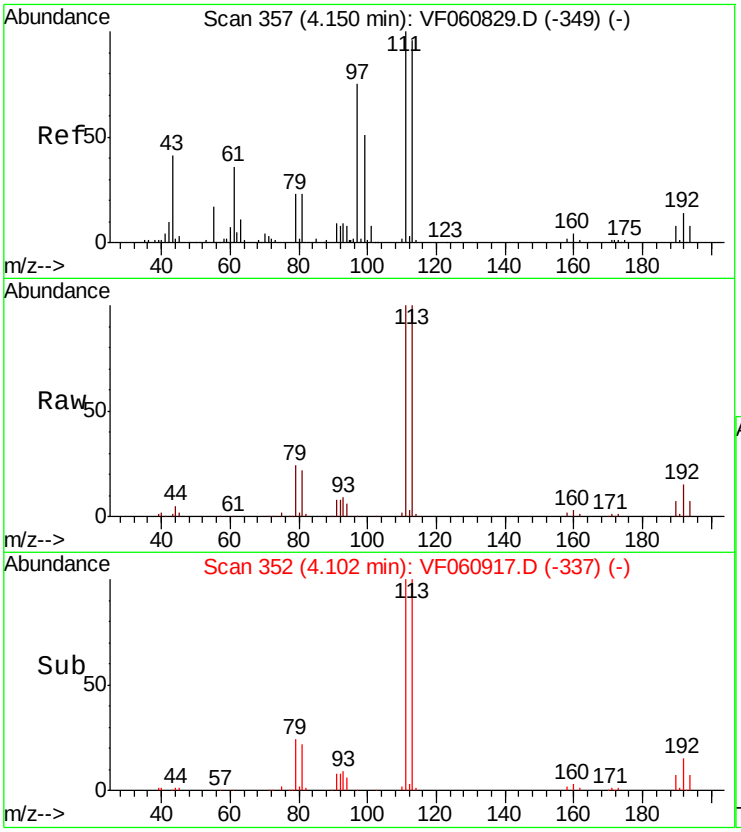


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.05 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Tgt Ion:114 Resp: 289196

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	41.6
88	20.1	0.0	36.6



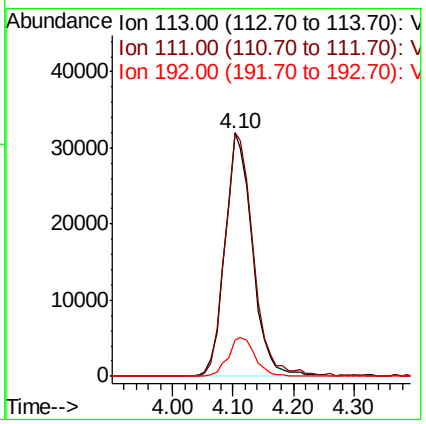


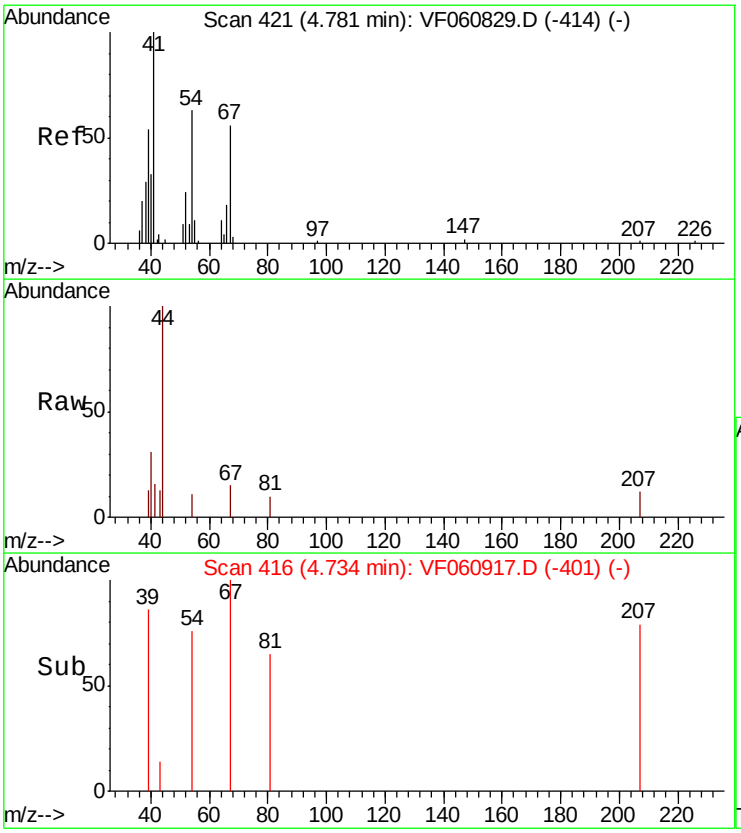
#35
Dibromofluoromethane
Concen: 43.772 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.05 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 100424

Ion	Ratio	Lower	Upper
113	100		
111	100.2	83.0	124.6
192	15.2	12.3	18.5

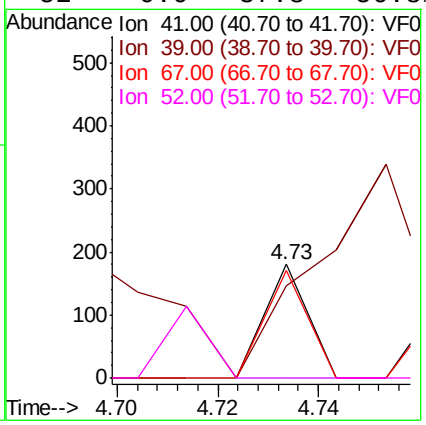


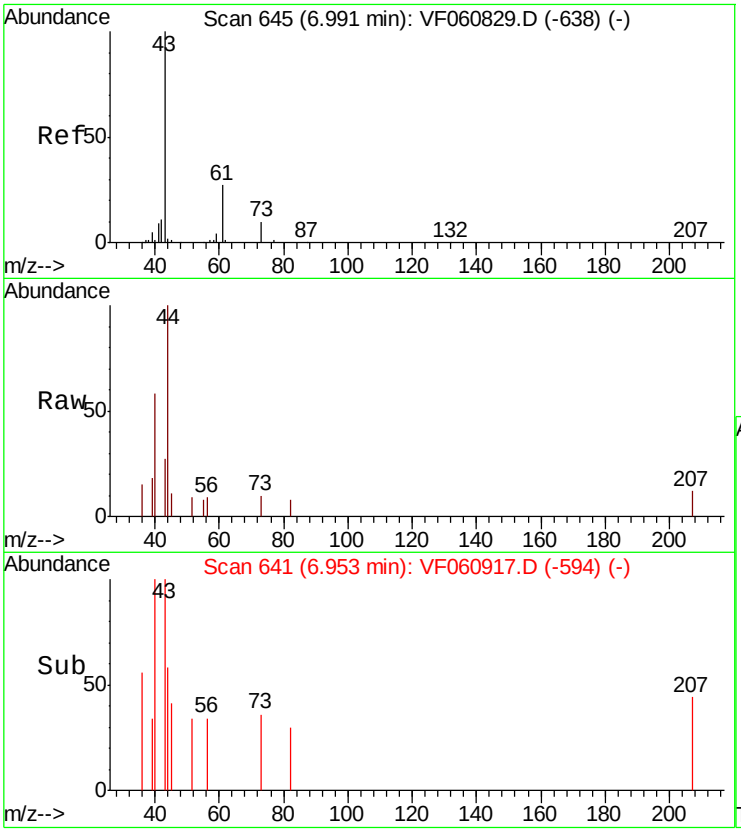


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.73 min Scan# 416
Delta R.T. -0.05 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Tgt Ion: 41 Resp: 107

Ion	Ratio	Lower	Upper
41	100		
39	81.7	53.0	79.6#
67	94.4	43.8	65.6#
52	0.0	37.8	56.8#



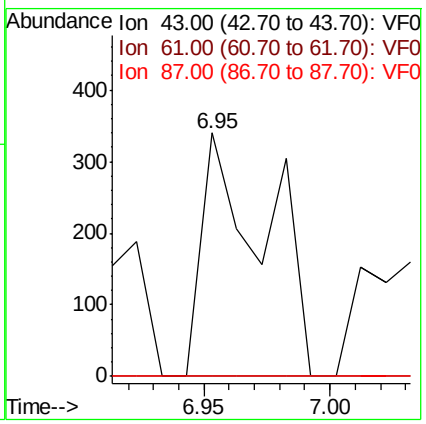


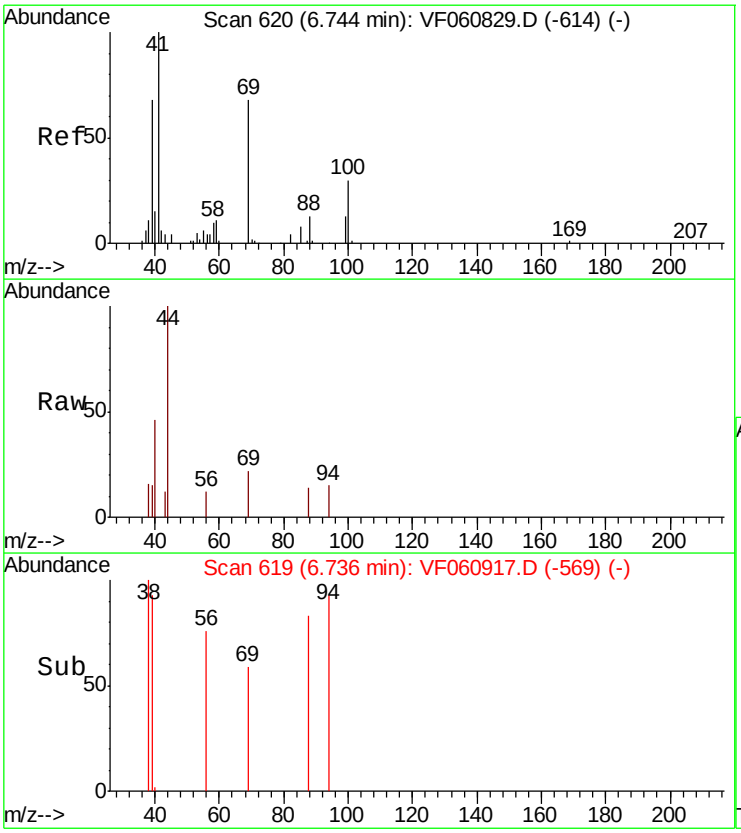
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.95 min Scan# 641
Delta R.T. -0.04 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 597

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.4	32.0#
87	0.0	0.2	0.4#

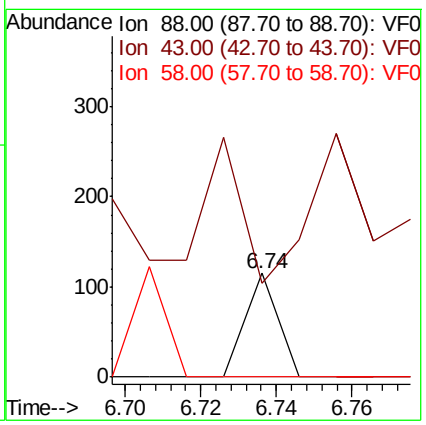


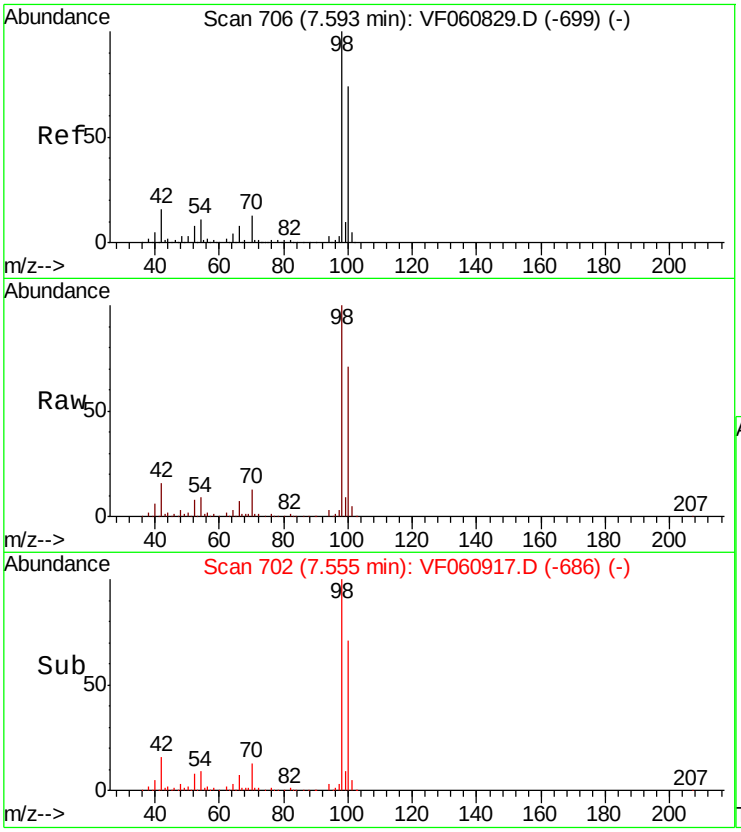


#49
1,4-Dioxane
Concen: 7.875 ug/l
RT: 6.74 min Scan# 619
Delta R.T. -0.01 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Tgt Ion: 88 Resp: 68

Ion	Ratio	Lower	Upper
88	100		
43	90.4	42.0	63.0#
58	0.0	61.8	92.8#



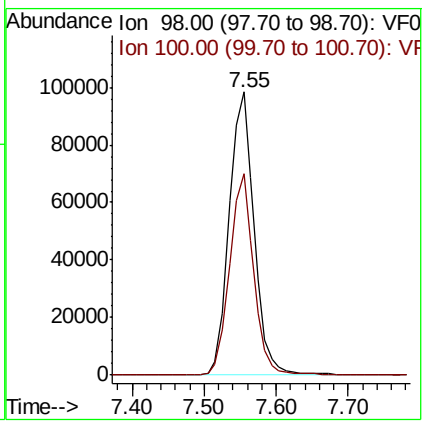


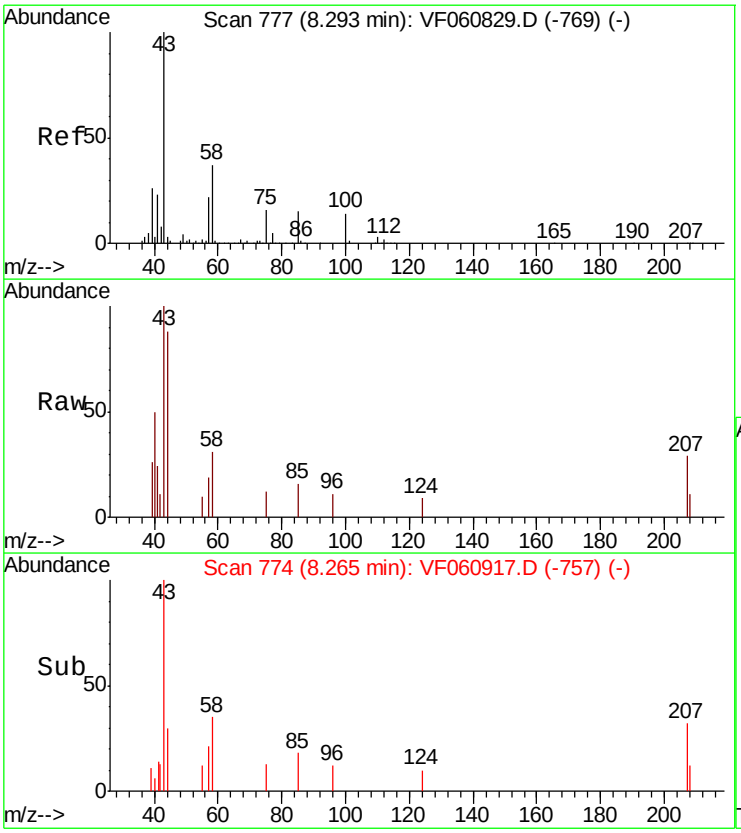
#50
Toluene-d8
Concen: 35.122 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 237360

Ion	Ratio	Lower	Upper
98	100		
100	71.0	59.3	88.9

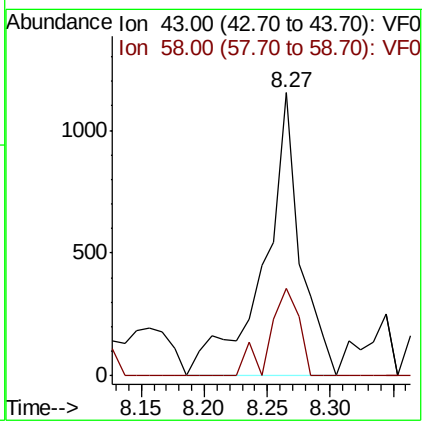


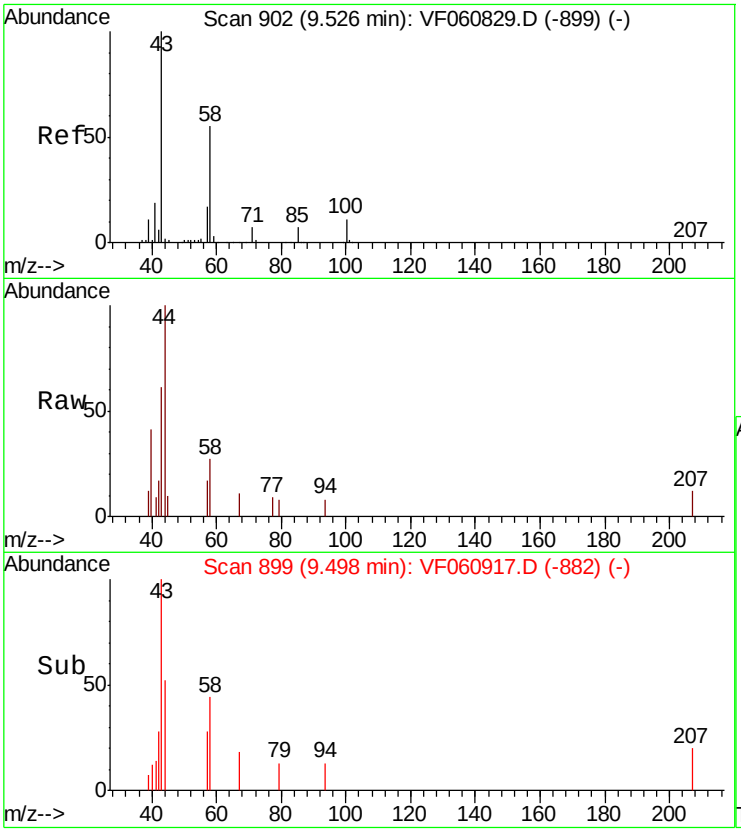


#51
4-Methyl-2-Pentanone
Concen: 1.911 ug/l
RT: 8.27 min Scan# 774
Delta R.T. -0.03 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Tgt Ion: 43 Resp: 2297

Ion	Ratio	Lower	Upper
43	100		
58	31.0	29.7	44.5



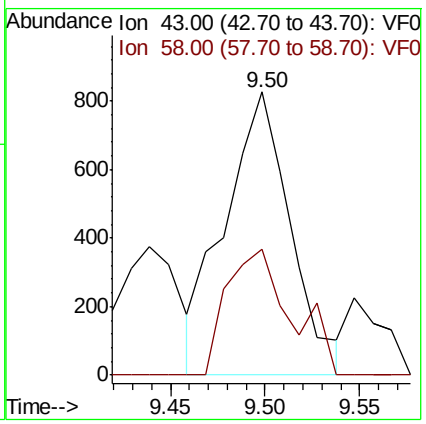


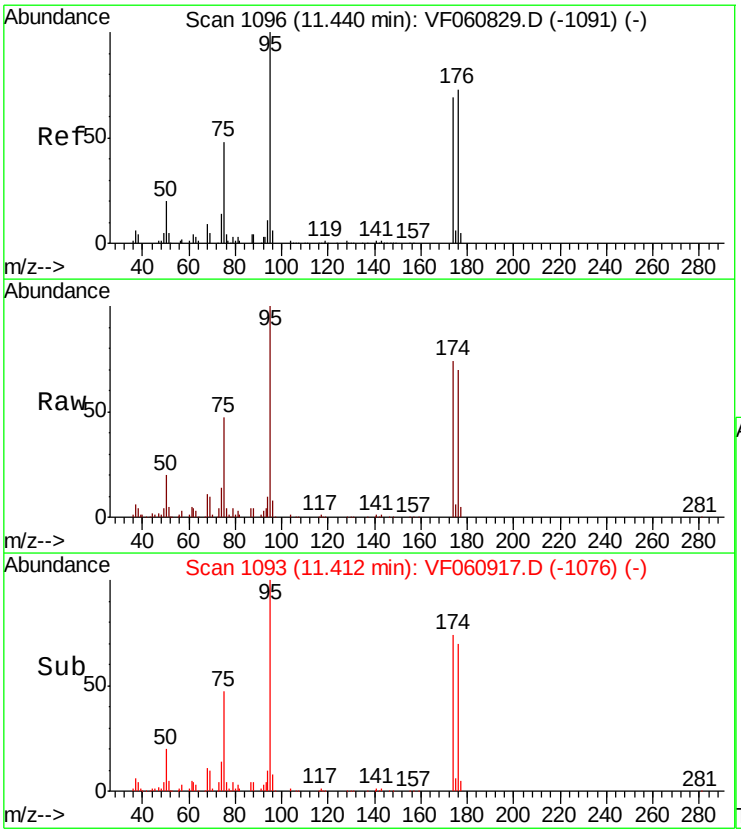
#59
2-Hexanone
Concen: 2.362 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.03 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1992

Ion	Ratio	Lower	Upper
43	100		
58	44.4	25.6	76.6

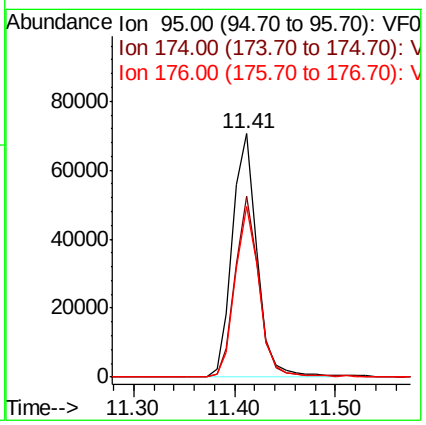


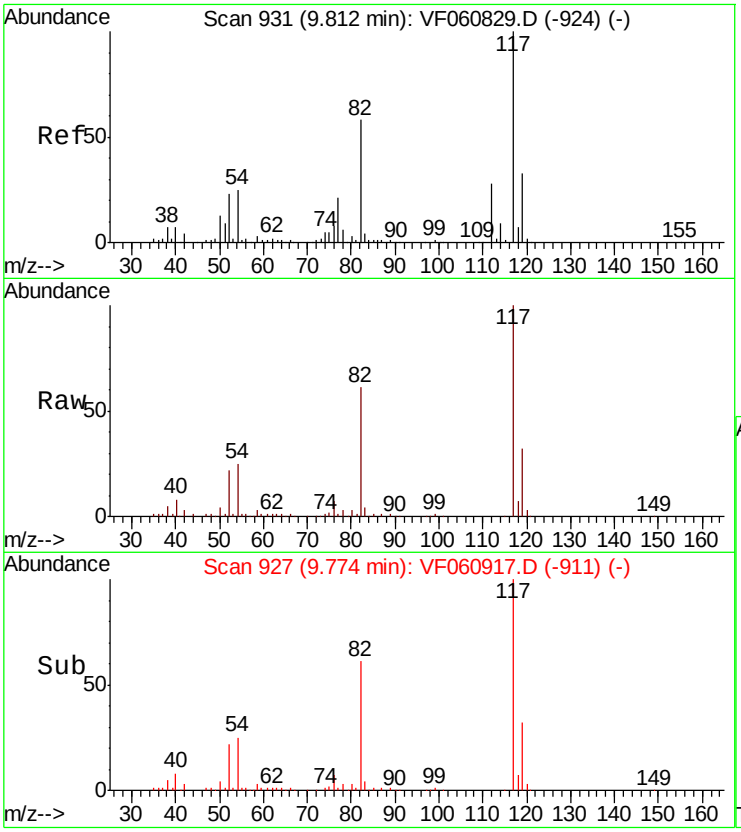


#62
4-Bromofluorobenzene
Concen: 39.304 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Tgt Ion: 95 Resp: 120724

Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	138.2
176	70.0	0.0	146.2



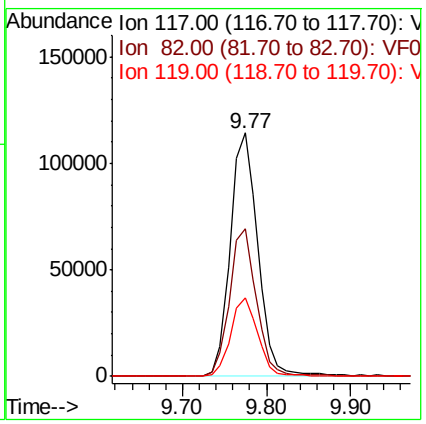


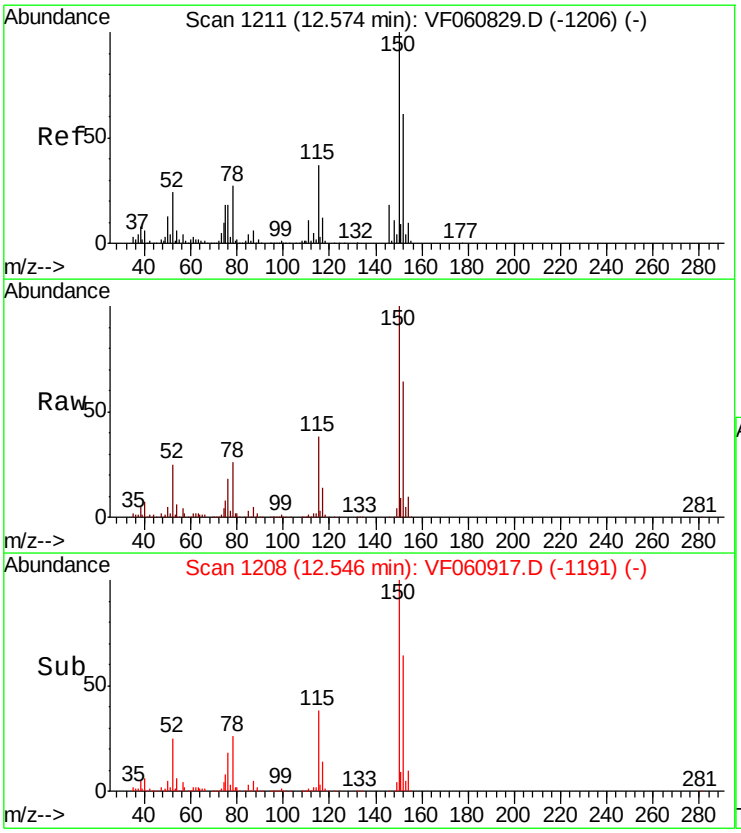
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 260580

Ion	Ratio	Lower	Upper
117	100		
82	60.8	46.6	69.8
119	32.5	26.4	39.6

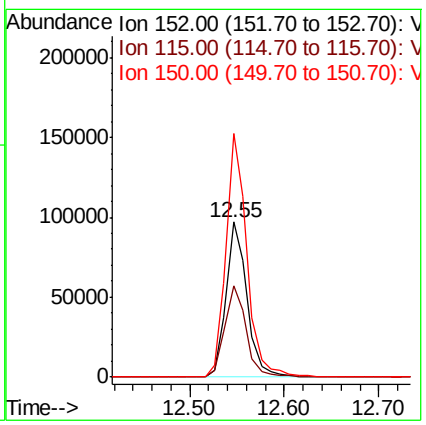


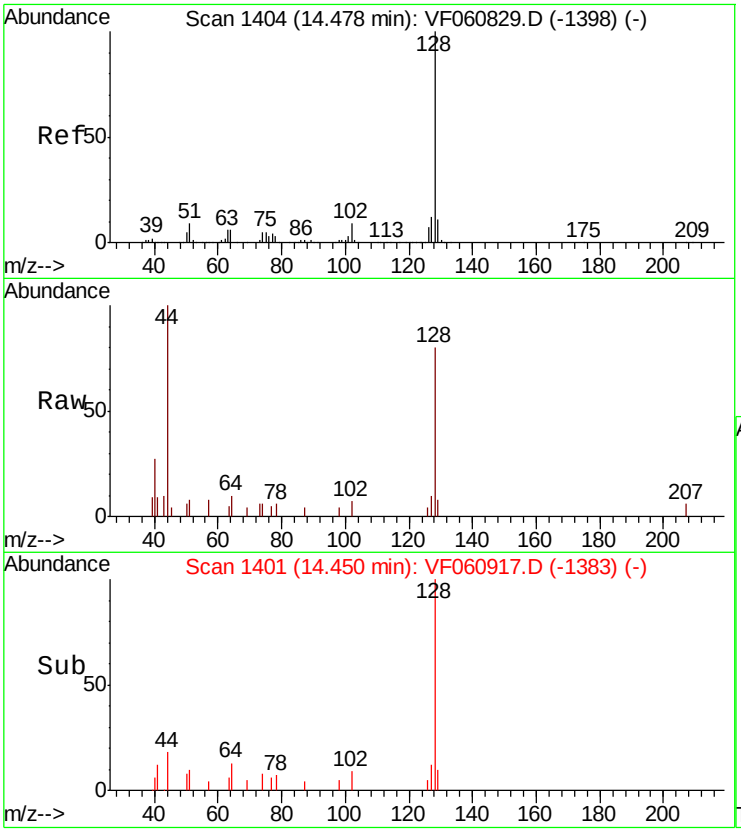


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Tgt Ion:152 Resp: 149001

Ion	Ratio	Lower	Upper
152	100		
115	59.0	30.1	90.5
150	157.3	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.45 min Scan# 1401
Delta R.T. -0.03 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 3625

Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.9	14.9
129	10.4	9.1	13.7