Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
Data File : VF060860.D
Acq On : 28 Nov 2018 17:07
Operator : VA/AP
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VIBLK

Quant Time: Nov 29 03:29:49 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	4.89	168	217124	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	365291	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	354489	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.57	152	216612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	141427	55.29	ug/l	-0.02
Spiked Amount 50.000			Recovery = 110.58%			
35) Dibromofluoromethane	4.12	113	159803	55.14	ug/l	-0.03
Spiked Amount 50.000			Recovery = 110.28%			
50) Toluene-d8	7.57	98	427357	50.06	ug/l	-0.02
Spiked Amount 50.000			Recovery = 100.12%			
62) 4-Bromofluorobenzene	11.43	95	212750	54.84	ug/l	-0.01
Spiked Amount 50.000			Recovery = 109.68%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.54	59	159	1.516	ug/l #	1
13) Acrolein	2.01	56	659	6.634	ug/l	96
15) Acrylonitrile	2.95	53	538	2.289	ug/l #	56
16) Acetone	2.12	43	503	1.066	ug/l	96
18) Methyl Acetate	2.38	43	2255	1.240	ug/l #	61
20) Methylene Chloride	2.17	84	2872	1.660	ug/l	94
25) 2-Butanone	4.35	43	881	1.080	ug/l #	57
41) Methacrylonitrile	4.77	41	386	Below Cal #		50
43) Isopropyl Acetate	6.93	43	672	Below Cal #		49
49) 1,4-Dioxane	6.86	88	75	6.876	ug/l #	1
51) 4-Methyl-2-Pentanone	8.29	43	2678	1.764	ug/l	90
95) Naphthalene	14.48	128	5097	Below Cal #		95

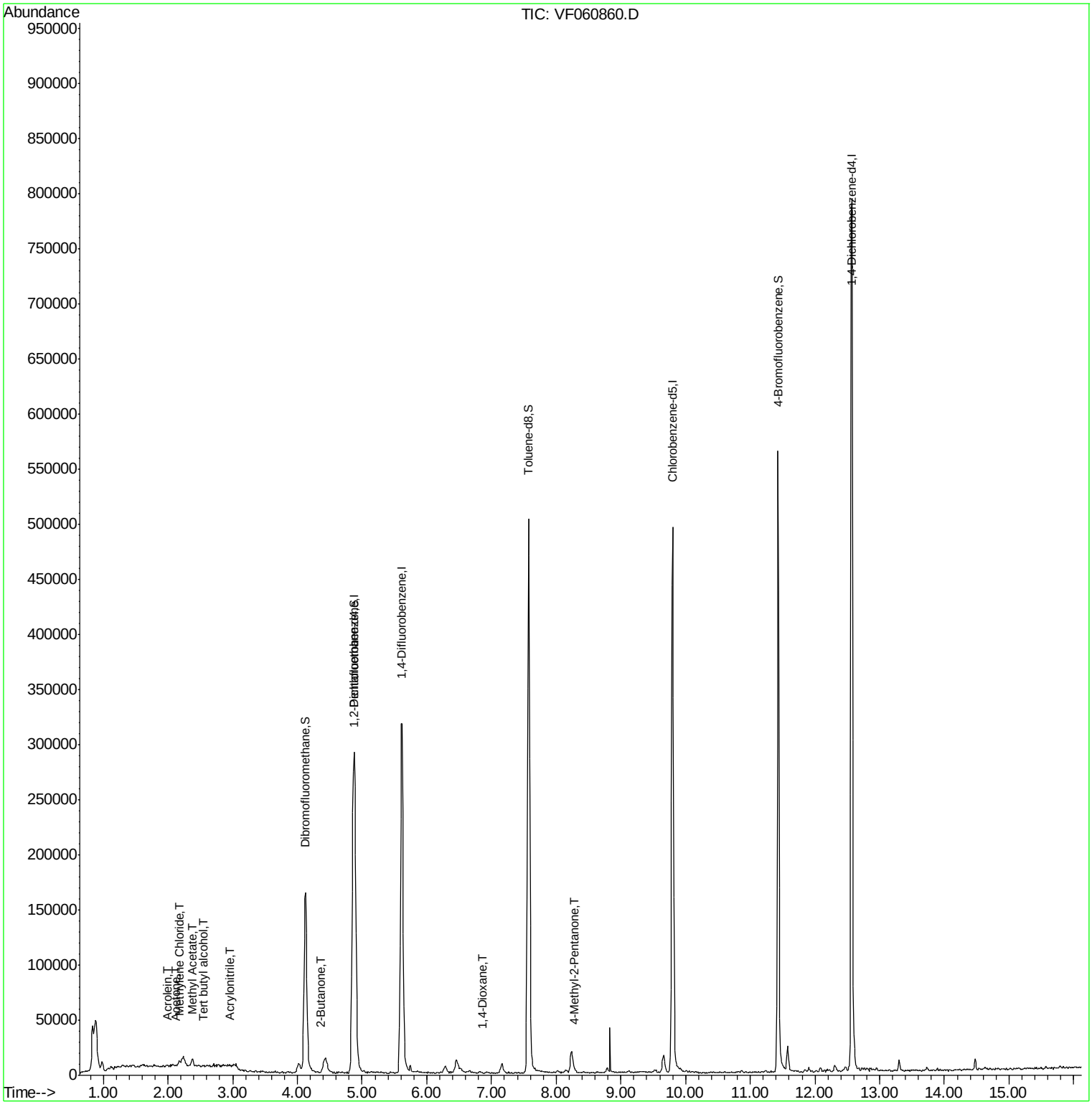
(#) = qualifier out of range (m) = manual integration (+) = signals summed

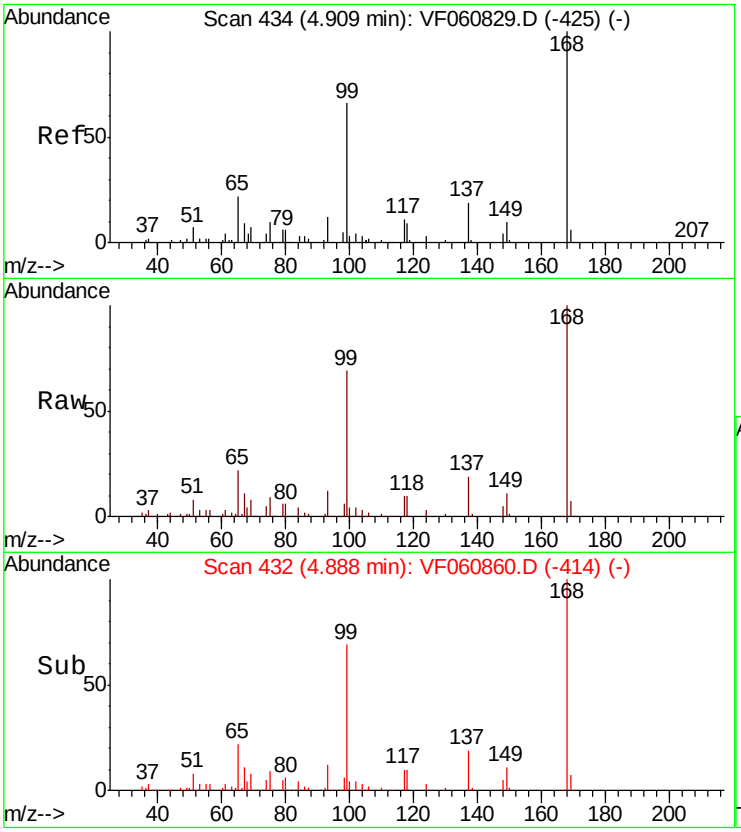
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
Data File : VF060860.D
Acq On : 28 Nov 2018 17:07
Operator : VA/AP
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Quant Time: Nov 29 03:29:49 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



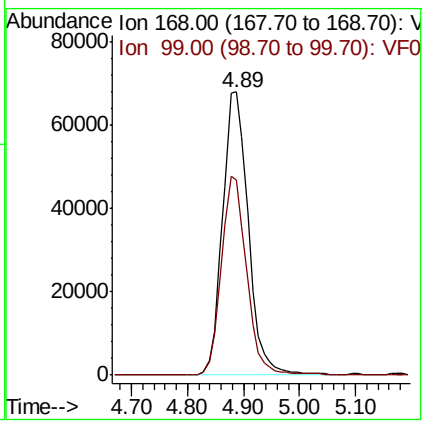


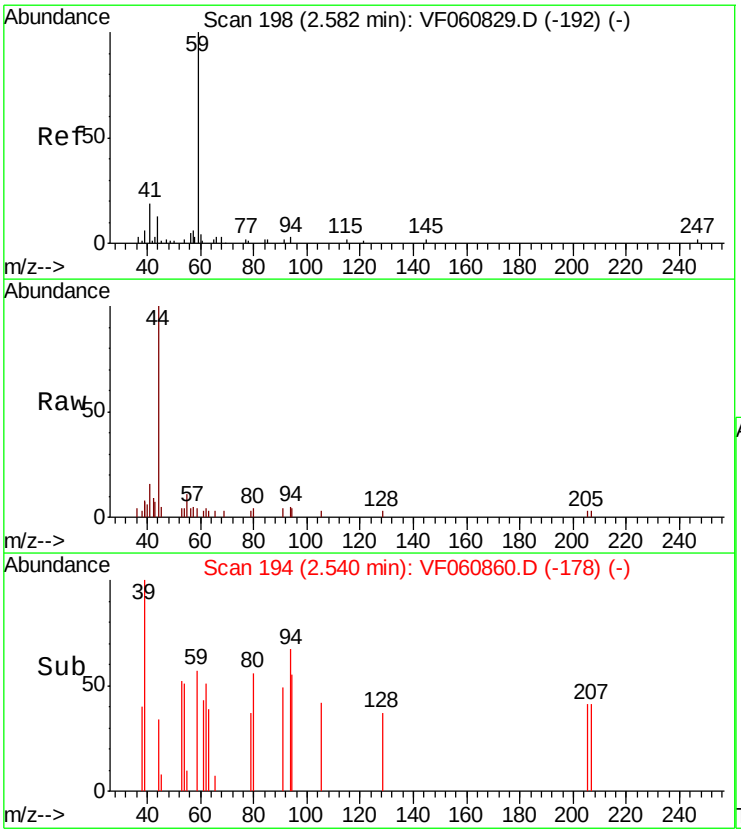
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. -0.02 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 217124

Ion	Ratio	Lower	Upper
168	100		
99	69.1	52.6	79.0

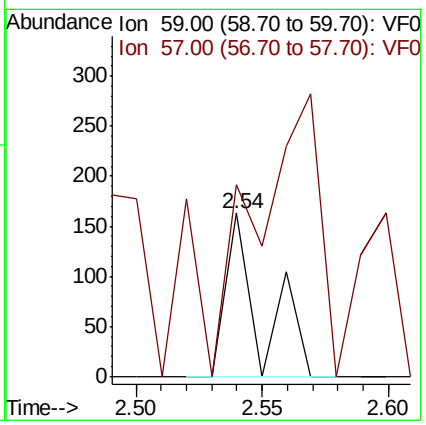


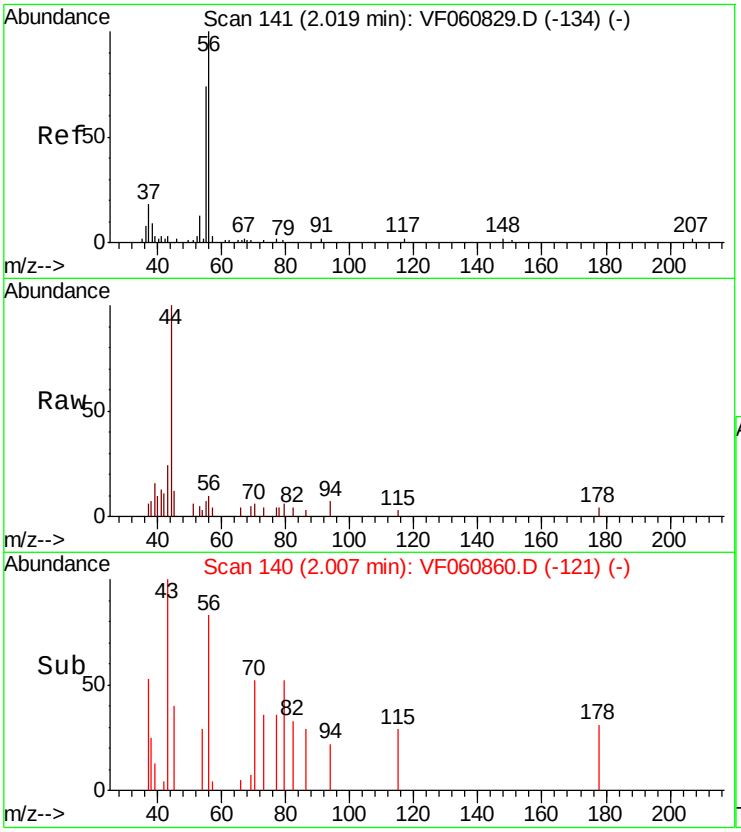


#11
Tert butyl alcohol
Concen: 1.516 ug/l
RT: 2.54 min Scan# 194
Delta R.T. -0.04 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Tgt Ion: 59 Resp: 159

Ion	Ratio	Lower	Upper
59	100		
57	117.8	12.7	19.1#



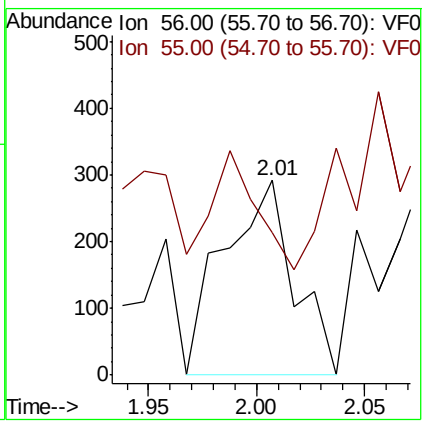


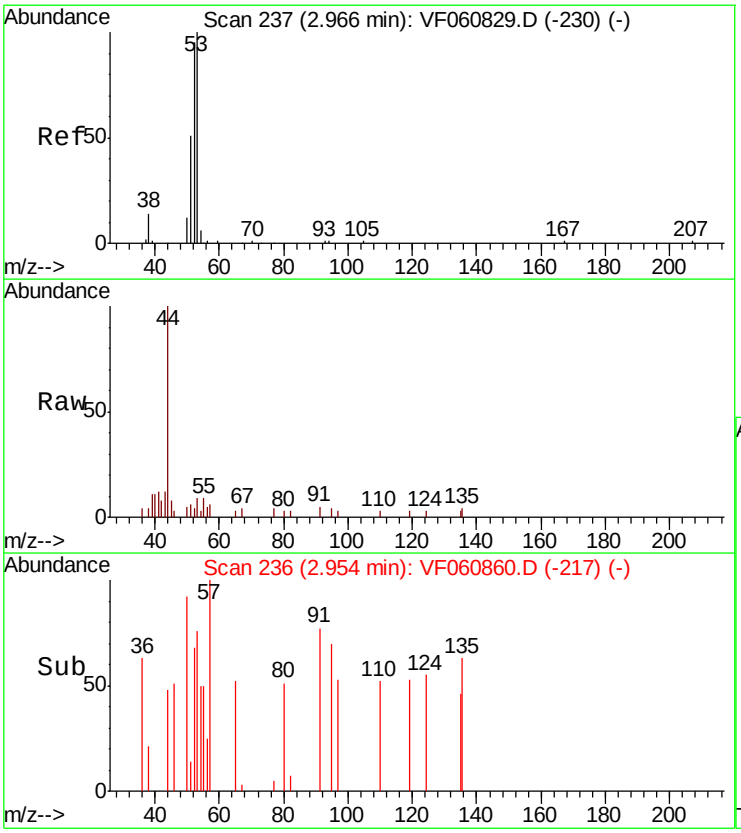
#13
Acrolein
Concen: 6.634 ug/l
RT: 2.01 min Scan# 140
Delta R.T. -0.01 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Tgt Ion: 56 Resp: 659

Ion	Ratio	Lower	Upper
56	100		
55	72.9	61.2	91.8

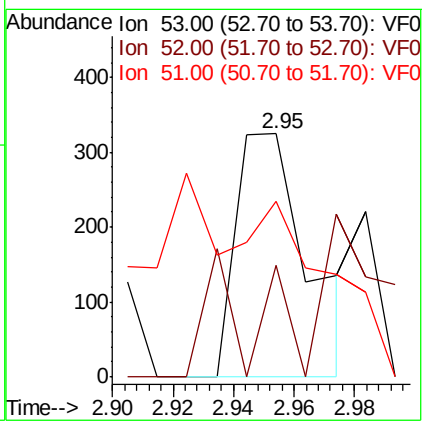


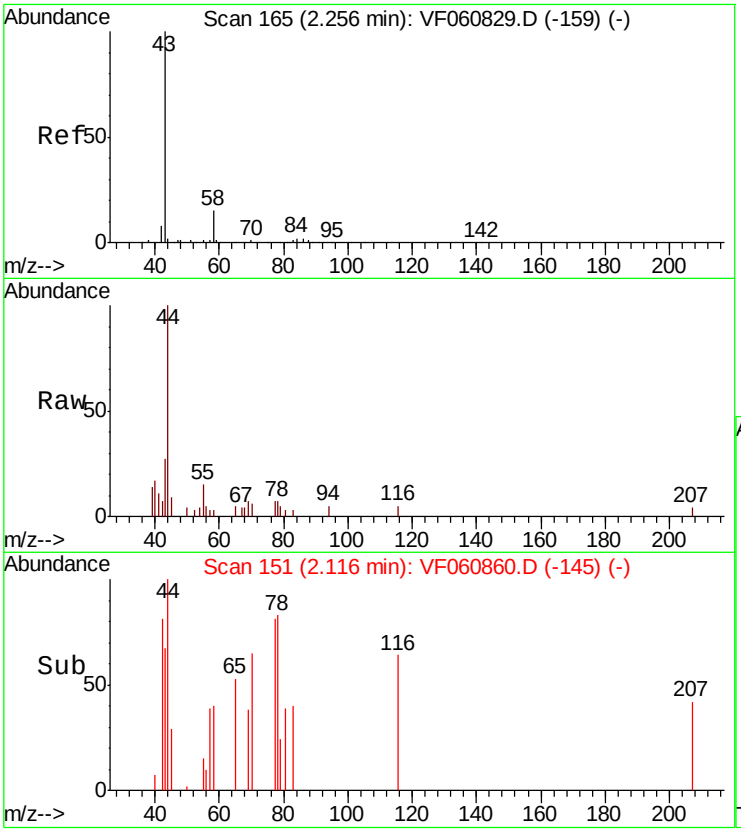


#15
Acrylonitrile
Concen: 2.289 ug/l
RT: 2.95 min Scan# 236
Delta R.T. -0.01 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Tgt Ion: 53 Resp: 538

Ion	Ratio	Lower	Upper
53	100		
52	45.8	76.5	114.7#
51	72.0	40.7	61.1#



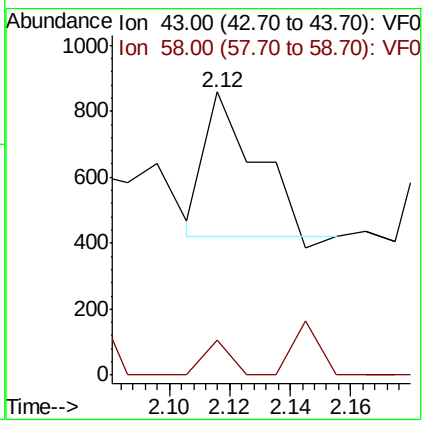


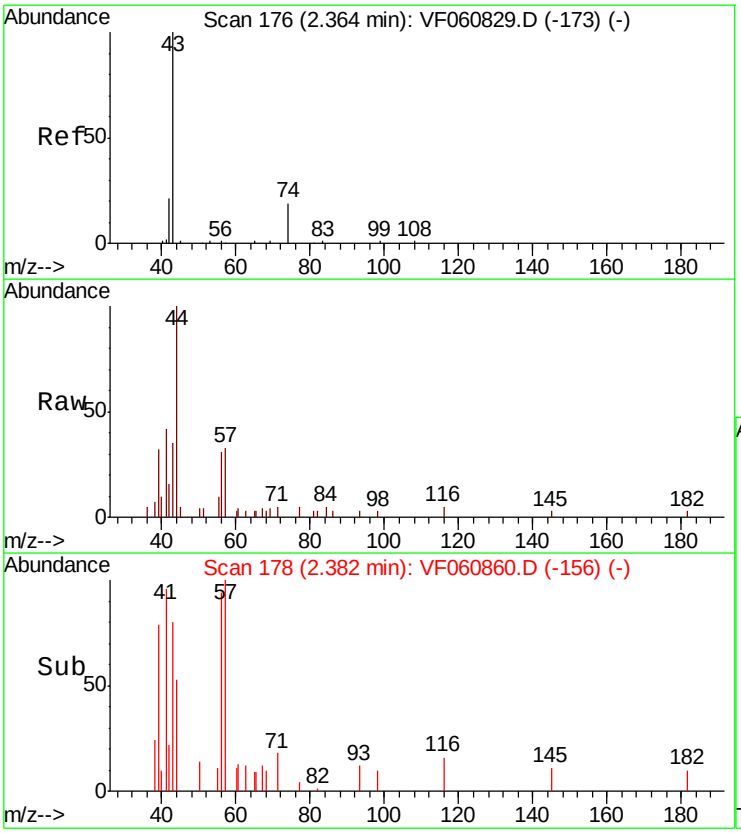
#16
Acetone
Concen: 1.066 ug/l
RT: 2.12 min Scan# 151
Delta R.T. -0.14 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Instrument : MSVOA_F
ClientSampleId : VIBLK

Tgt Ion: 43 Resp: 503

Ion	Ratio	Lower	Upper
43	100		
58	12.6	11.4	17.2

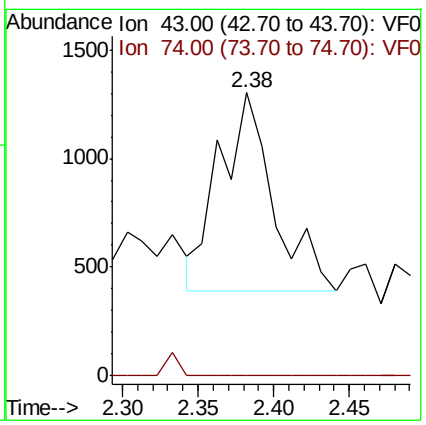


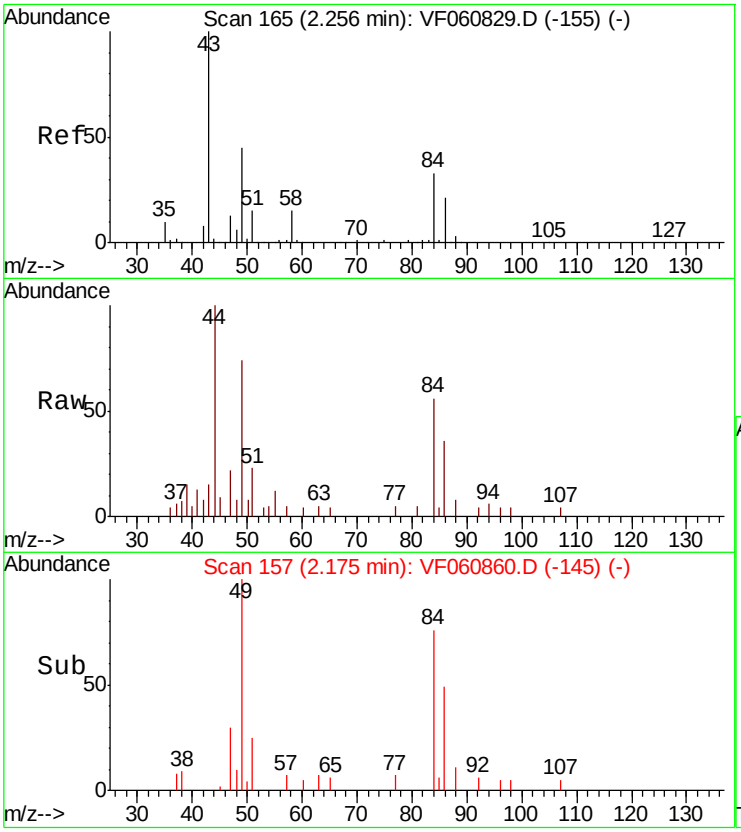


#18
Methyl Acetate
Concen: 1.240 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.02 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Tgt Ion: 43 Resp: 2255

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#



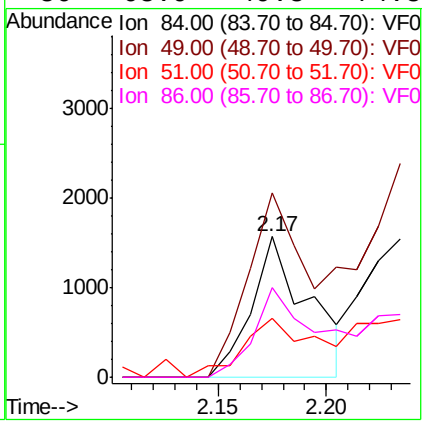


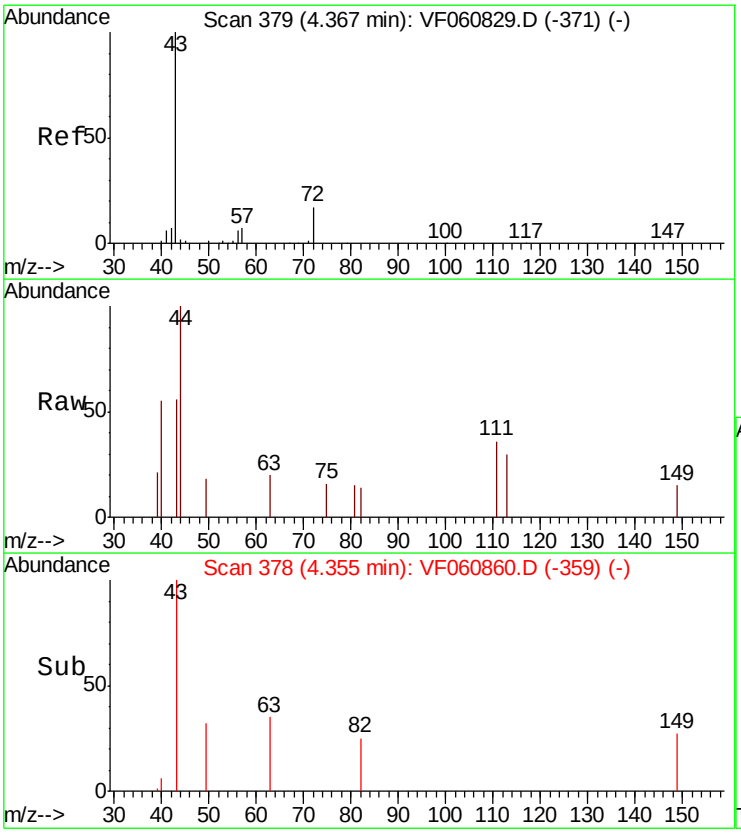
#20
Methylene Chloride
Concen: 1.660 ug/l
RT: 2.17 min Scan# 157
Delta R.T. -0.08 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Instrument : MSVOA_F
ClientSampleId : VIBLK

Tgt Ion: 84 Resp: 2872

Ion	Ratio	Lower	Upper
84	100		
49	131.2	111.3	166.9
51	41.7	38.0	57.0
86	63.9	49.8	74.8

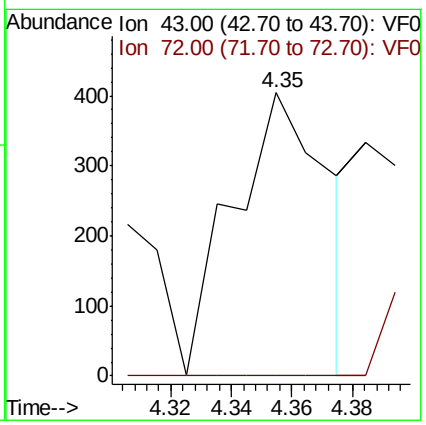


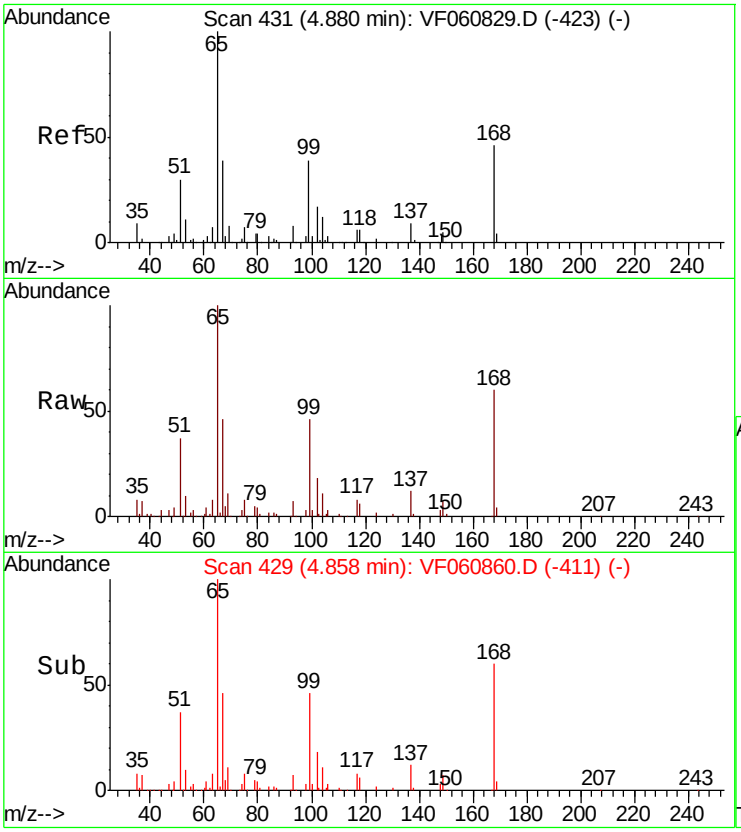


#25
2-Butanone
Concen: 1.080 ug/l
RT: 4.35 min Scan# 378
Delta R.T. -0.01 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Tgt Ion: 43 Resp: 881

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#



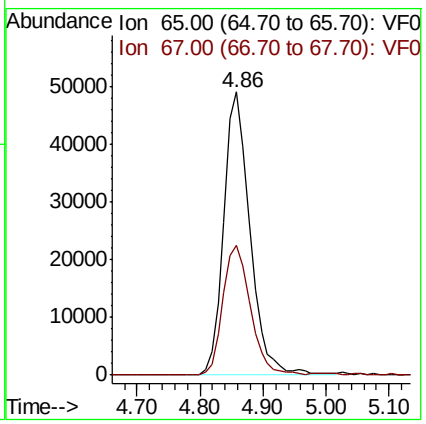


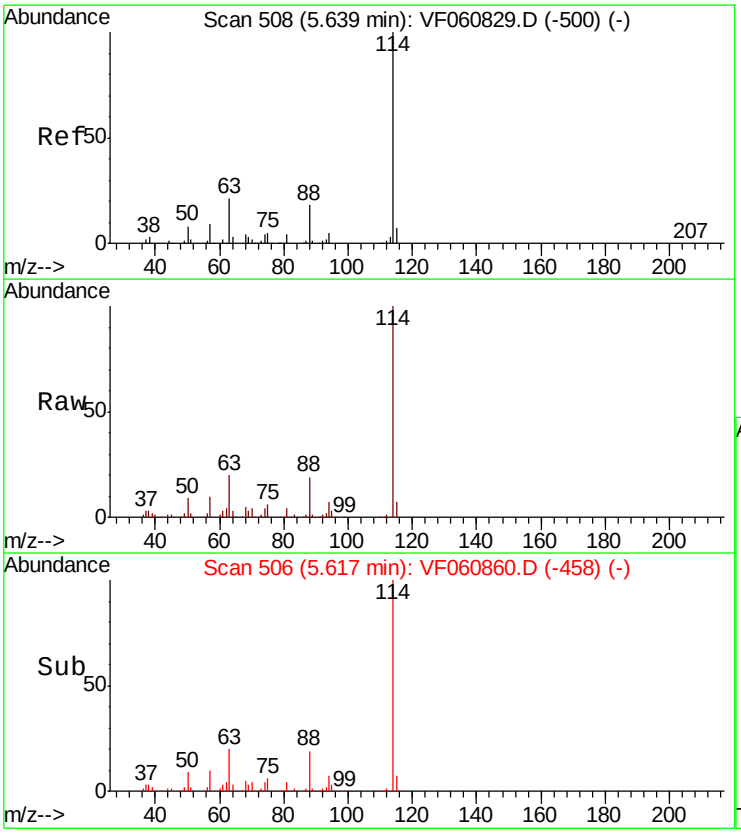
#33
1,2-Dichloroethane-d4
Concen: 55.293 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Instrument : MSVOA_F
ClientSampleId : VIBLK

Tgt Ion: 65 Resp: 141427

Ion	Ratio	Lower	Upper
65	100		
67	45.9	0.0	96.4

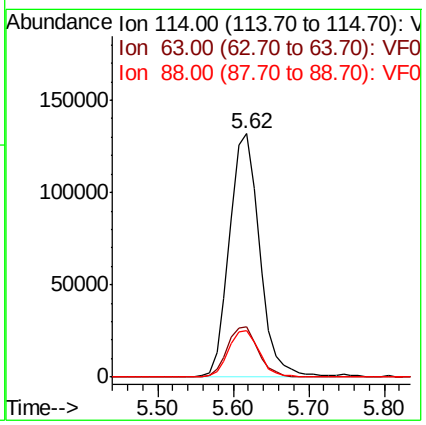


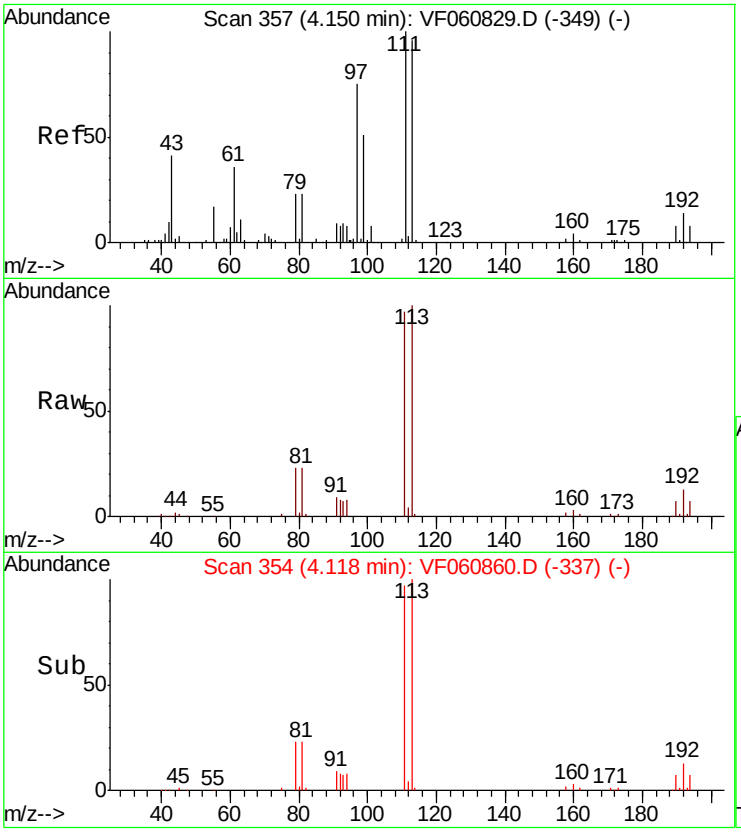


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.02 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Tgt Ion:114 Resp: 365291

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.6
88	19.2	0.0	36.6



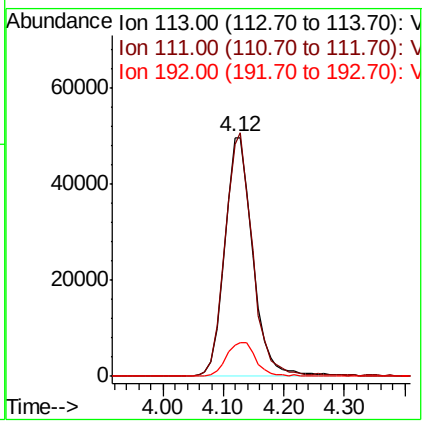


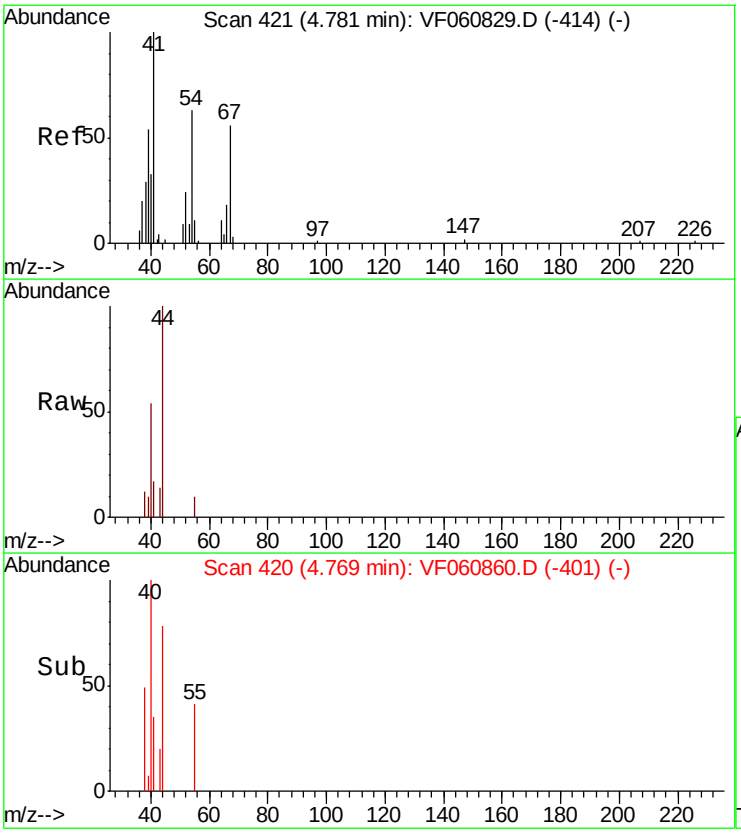
#35
Dibromofluoromethane
Concen: 55.144 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.03 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 159803

Ion	Ratio	Lower	Upper
113	100		
111	97.2	83.0	124.6
192	13.2	12.3	18.5

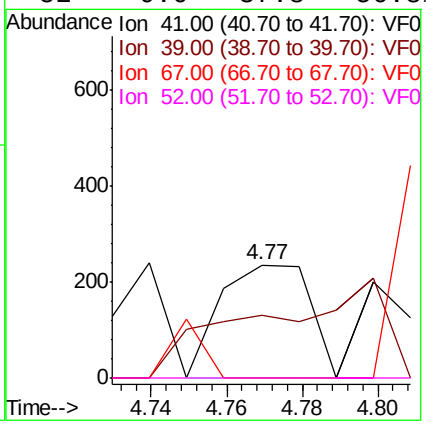


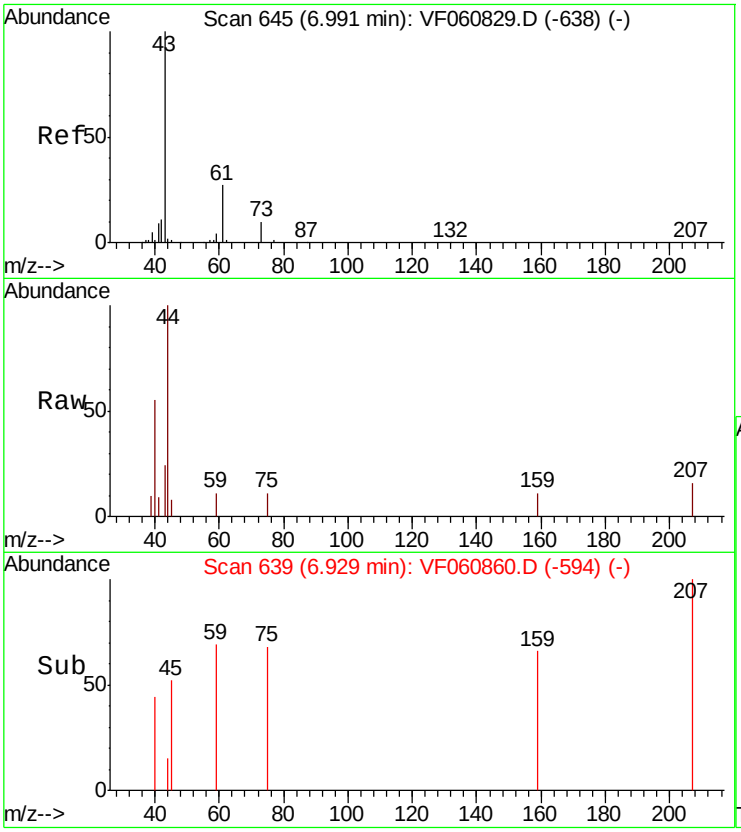


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.77 min Scan# 420
Delta R.T. -0.01 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Tgt Ion: 41 Resp: 386

Ion	Ratio	Lower	Upper
41	100		
39	55.7	53.0	79.6
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#



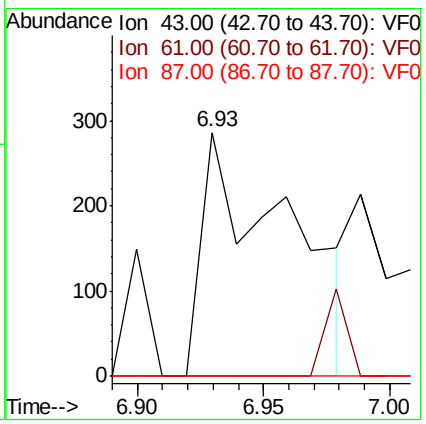


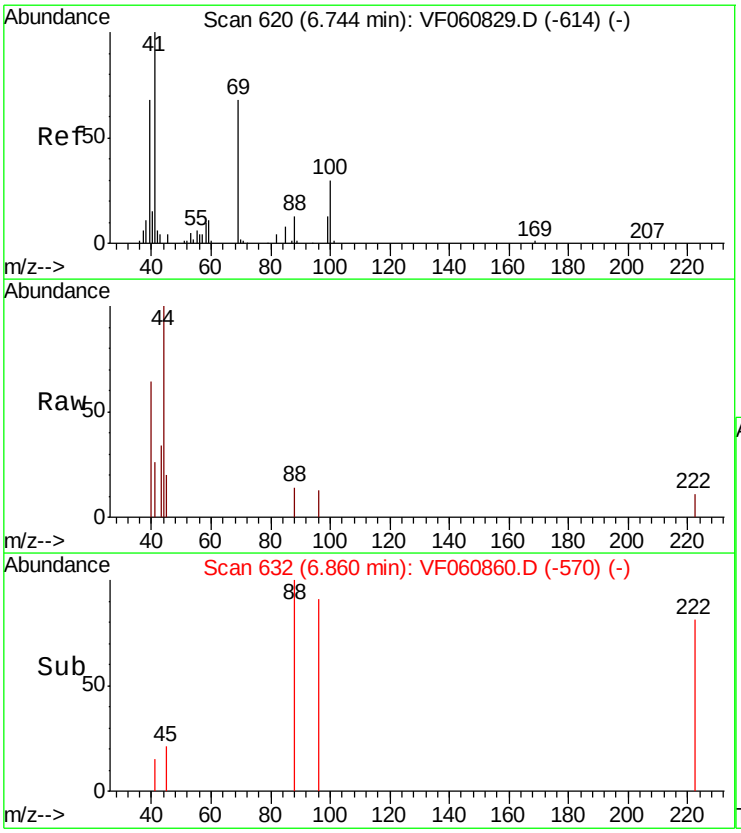
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.93 min Scan# 639
Delta R.T. -0.06 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Instrument : MSVOA_F
ClientSampleId : VIBLK

Tgt Ion: 43 Resp: 672

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

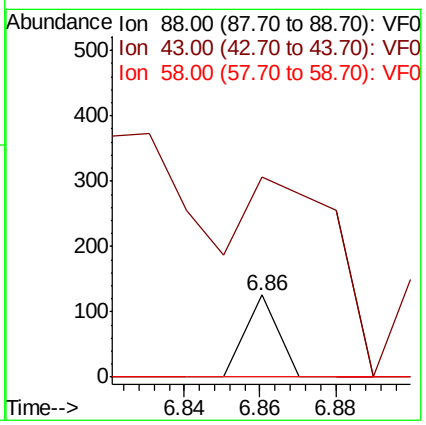


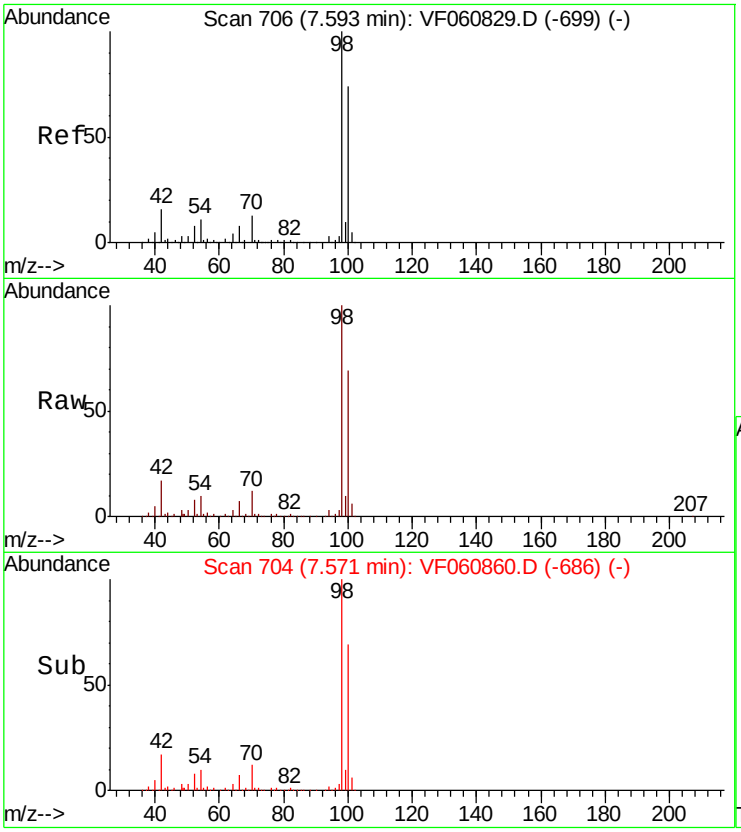


#49
1,4-Dioxane
Concen: 6.876 ug/l
RT: 6.86 min Scan# 632
Delta R.T. 0.12 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Tgt Ion: 88 Resp: 75

Ion	Ratio	Lower	Upper
88	100		
43	243.7	42.0	63.0#
58	0.0	61.8	92.8#



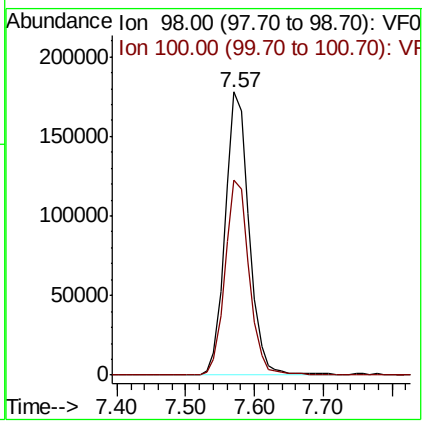


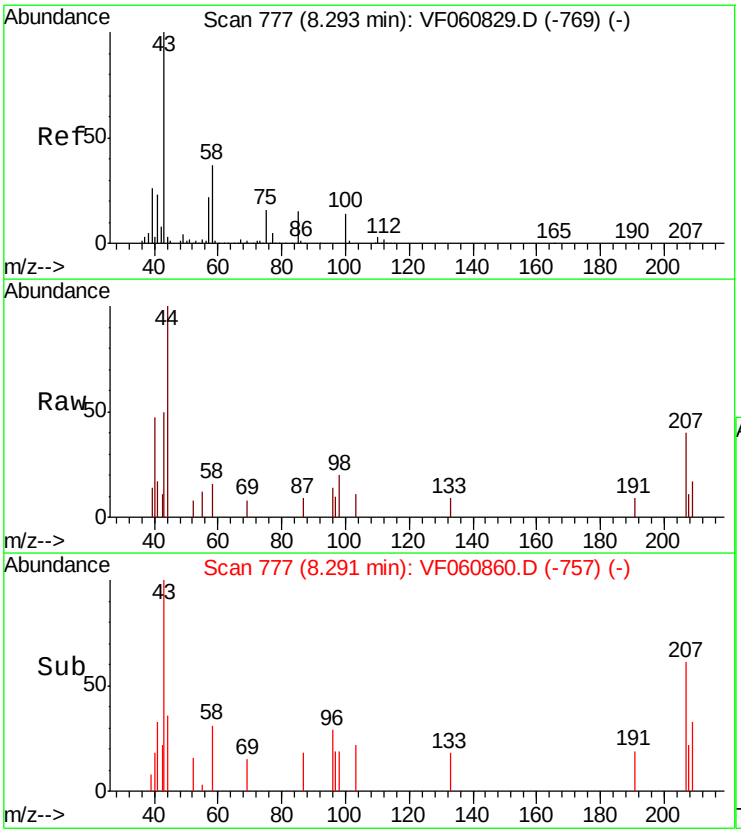
#50
Toluene-d8
Concen: 50.062 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 427357

Ion	Ratio	Lower	Upper
98	100		
100	68.8	59.3	88.9

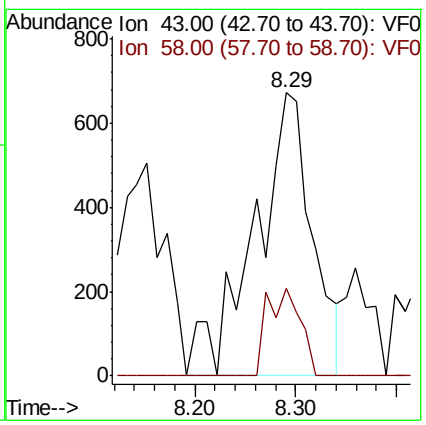


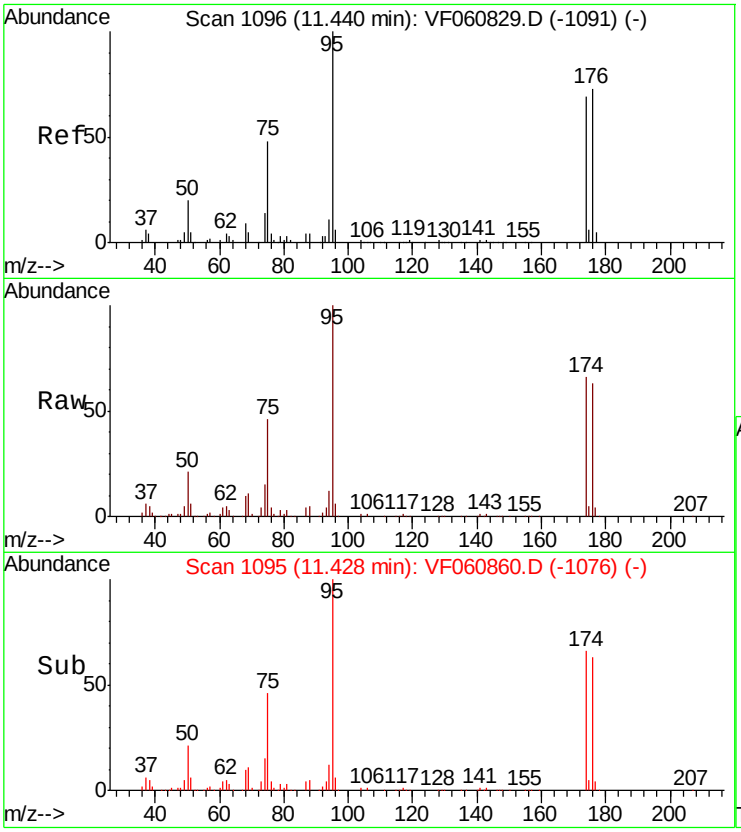


#51
4-Methyl-2-Pentanone
Concen: 1.764 ug/l
RT: 8.29 min Scan# 777
Delta R.T. -0.00 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Tgt Ion: 43 Resp: 2678

Ion	Ratio	Lower	Upper
43	100		
58	31.1	29.7	44.5



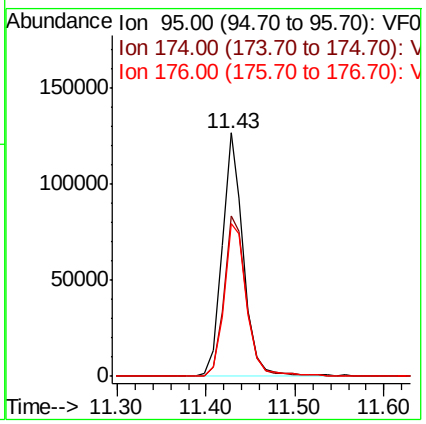


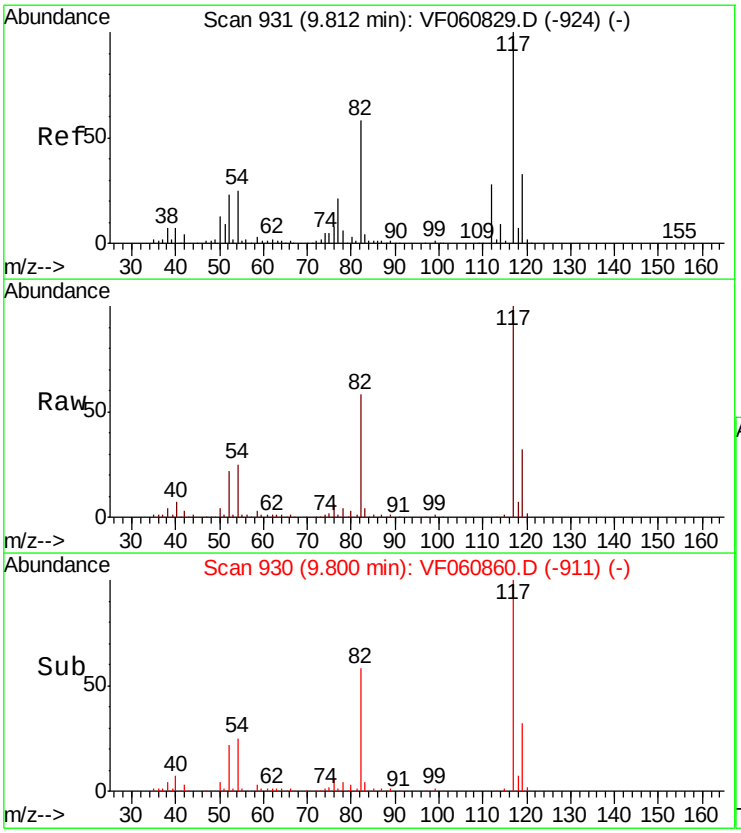
#62
4-Bromofluorobenzene
Concen: 54.837 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 212750

Ion	Ratio	Lower	Upper
95	100		
174	65.8	0.0	138.2
176	62.9	0.0	146.2

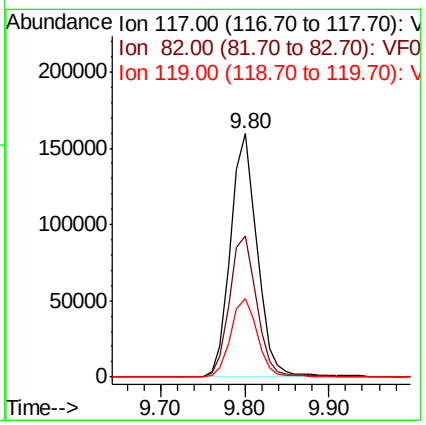


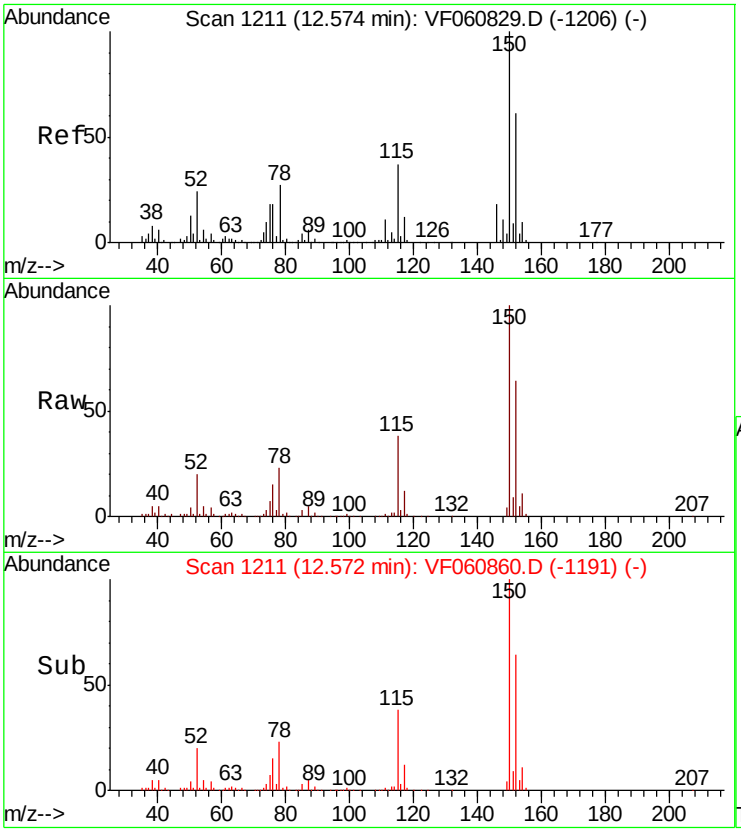


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Tgt Ion:117 Resp: 354489

Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.6	69.8
119	32.3	26.4	39.6



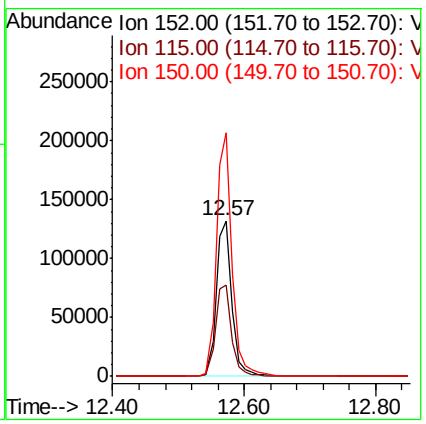


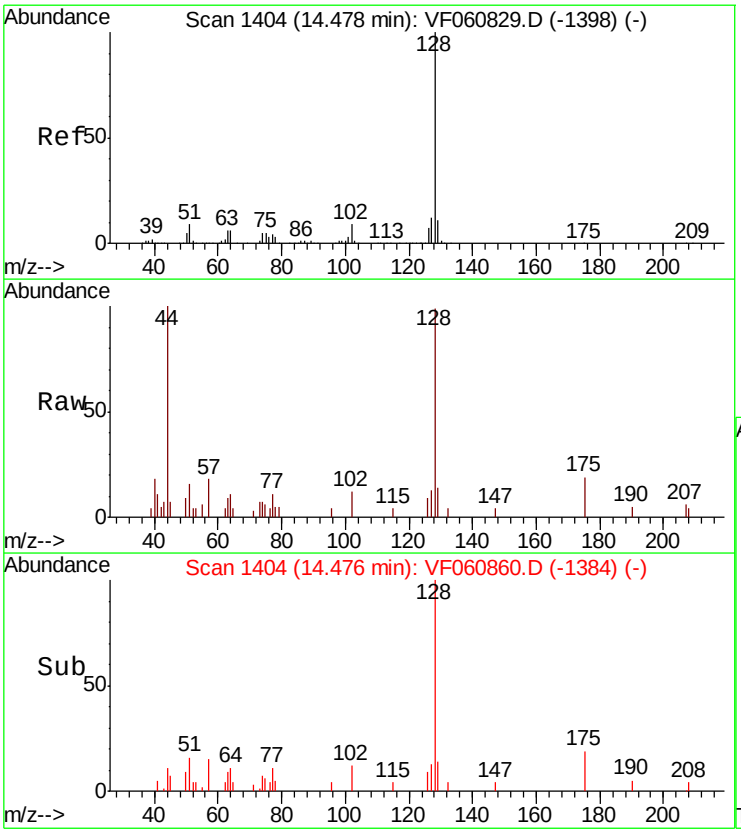
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Instrument : MSVOA_F
ClientSampleId : VIBLK

Tgt Ion:152 Resp: 216612

Ion	Ratio	Lower	Upper
152	100		
115	58.7	30.1	90.5
150	156.6	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.48 min Scan# 1404
Delta R.T. -0.00 min
Lab File: VF060860.D
Acq: 28 Nov 2018 17:07

Tgt Ion:128 Resp: 5097

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.9	14.9
129	14.2	9.1	13.7#