Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121418\
Data File : VF061027.D
Acq On : 14 Dec 2018 18:37
Operator : VA/AP
Sample : J6403-37RE
Misc : 5.53g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 15 00:08:13 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	258154	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	426129	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	346609	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	136986	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	127882	42.05	ug/l	-0.04
Spiked Amount 50.000			Recovery = 84.10%			
35) Dibromofluoromethane	4.11	113	152652	45.16	ug/l	-0.04
Spiked Amount 50.000			Recovery = 90.32%			
50) Toluene-d8	7.55	98	366536	36.81	ug/l	-0.04
Spiked Amount 50.000			Recovery = 73.62%			
62) 4-Bromofluorobenzene	11.41	95	147035	32.49	ug/l	-0.03
Spiked Amount 50.000			Recovery = 64.98%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.52	59	125	1.003	ug/l #	62
13) Acrolein	2.05	56	926	7.840	ug/l	91
16) Acetone	2.23	43	34925	62.277	ug/l	94
20) Methylene Chloride	2.24	84	5543	2.694	ug/l #	93
25) 2-Butanone	4.34	43	7462	7.693	ug/l #	88
29) Tetrahydrofuran	4.10	42	741	1.802	ug/l #	44
41) Methacrylonitrile	4.74	41	582	Below Cal	#	45
43) Isopropyl Acetate	6.91	43	1119	Below Cal	#	49
49) 1,4-Dioxane	6.80	88	80	6.287	ug/l #	17
51) 4-Methyl-2-Pentanone	8.25	43	1980	1.118	ug/l #	38
95) Naphthalene	14.46	128	13294	Below Cal		98

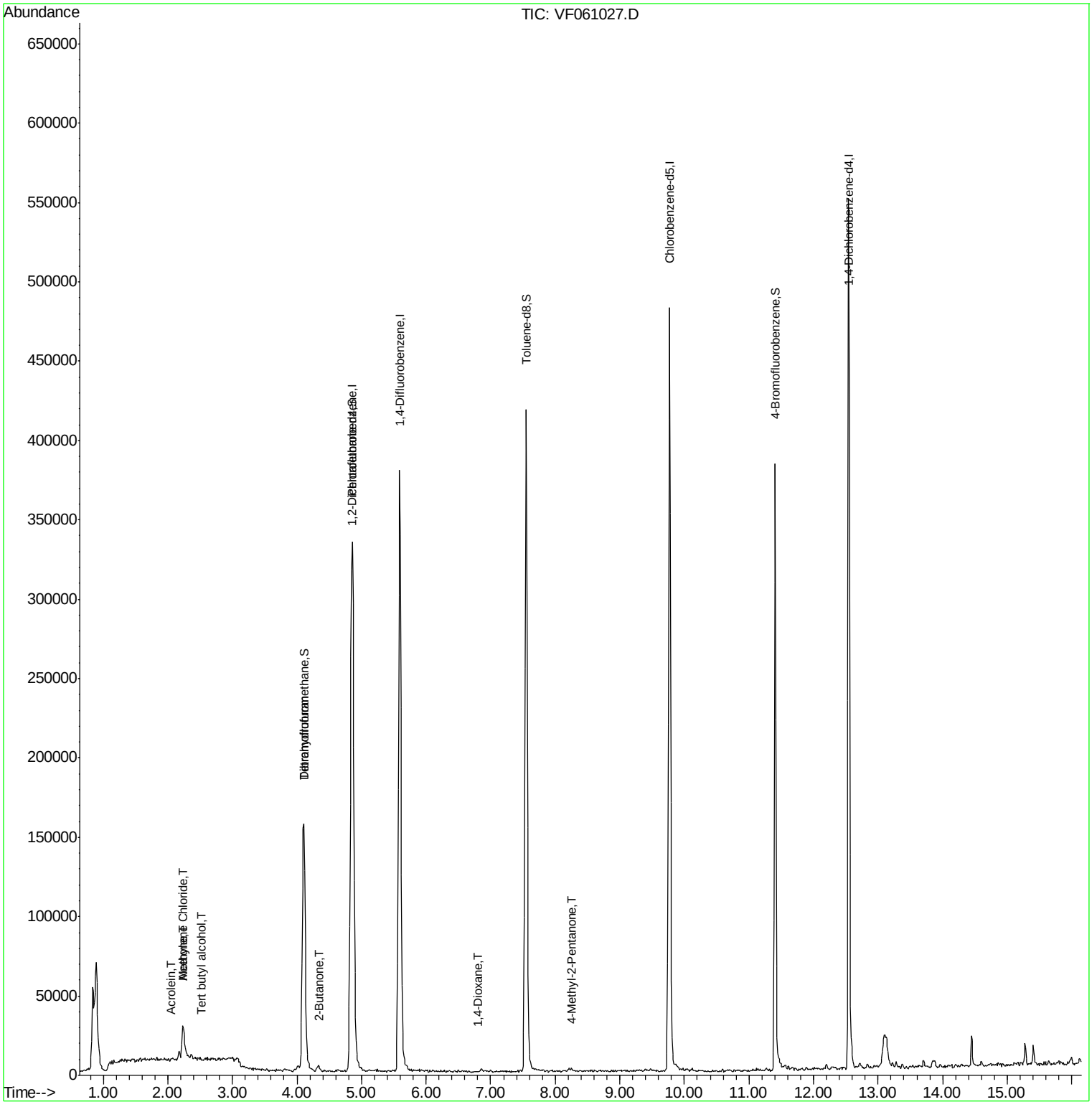
(#) = qualifier out of range (m) = manual integration (+) = signals summed

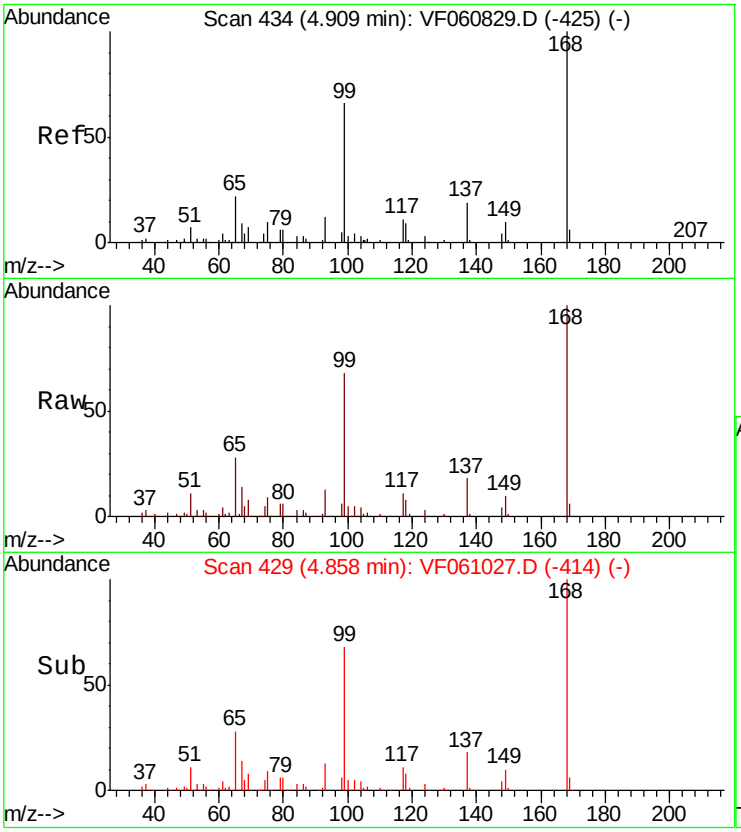
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121418\
Data File : VF061027.D
Acq On : 14 Dec 2018 18:37
Operator : VA/AP
Sample : J6403-37RE
Misc : 5.53g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 15 00:08:13 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



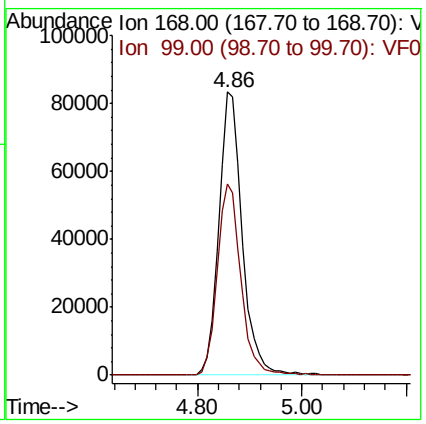


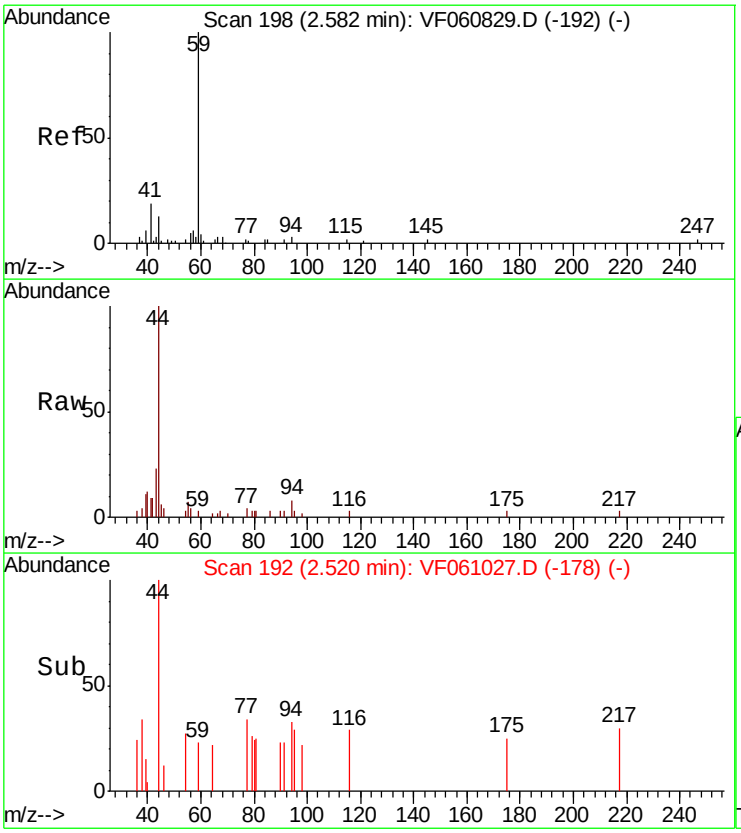
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.05 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 258154

Ion	Ratio	Lower	Upper
168	100		
99	67.6	52.6	79.0

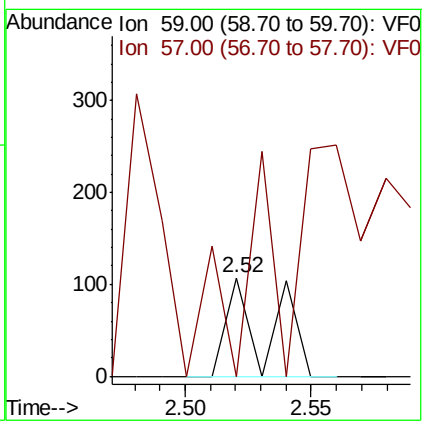


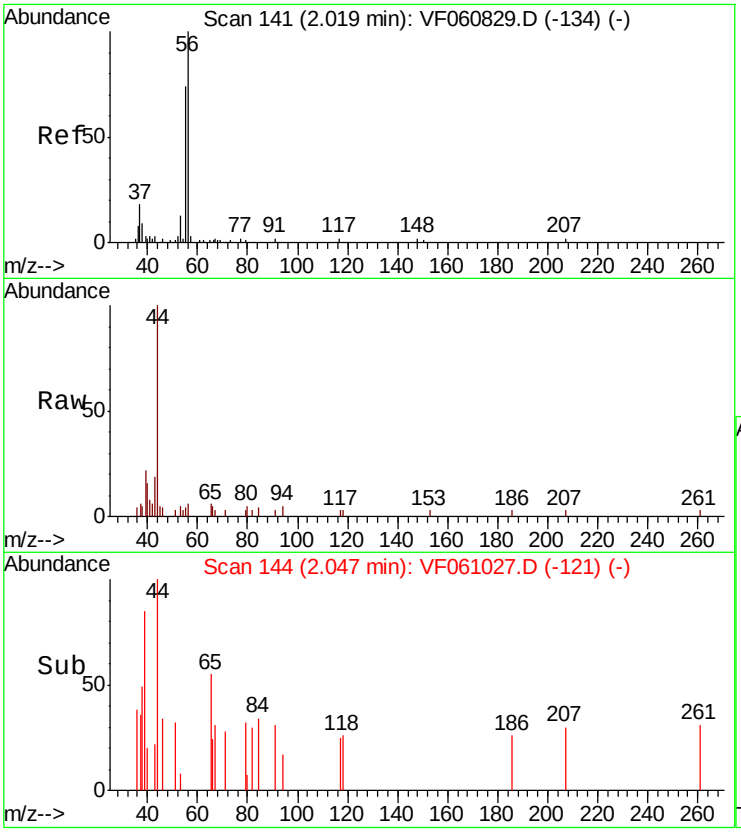


#11
Tert butyl alcohol
Concen: 1.003 ug/l
RT: 2.52 min Scan# 192
Delta R.T. -0.06 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Tgt Ion: 59 Resp: 125

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.7	19.1#



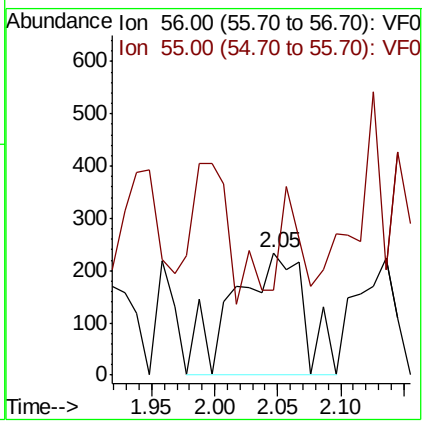


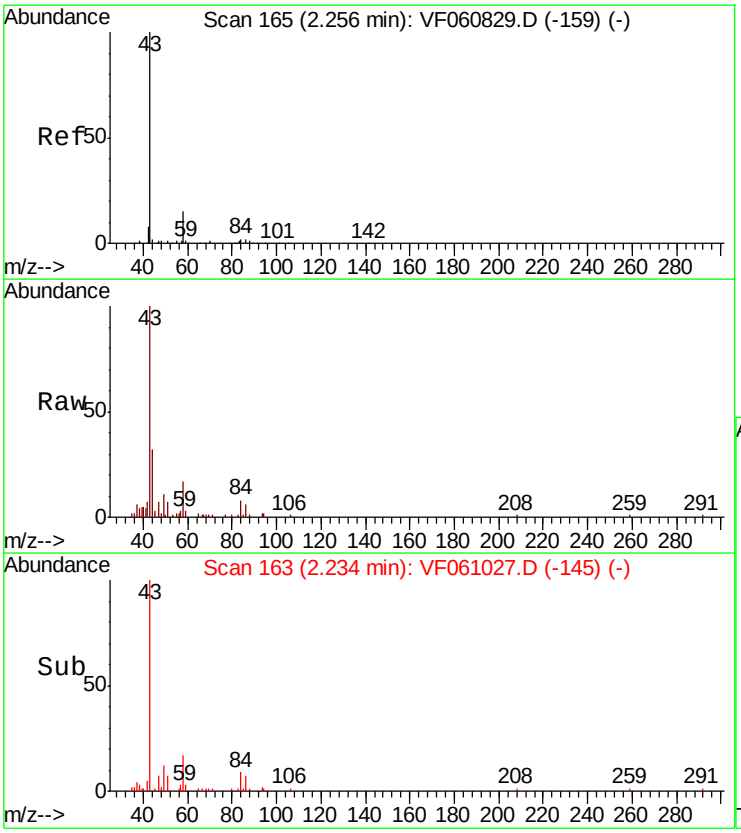
#13
Acrolein
Concen: 7.840 ug/l
RT: 2.05 min Scan# 144
Delta R.T. 0.03 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 926

Ion	Ratio	Lower	Upper
56	100		
55	68.9	61.2	91.8

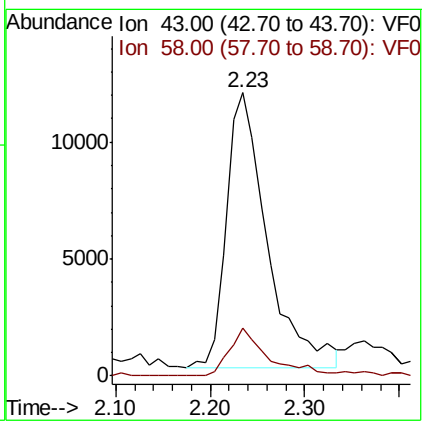


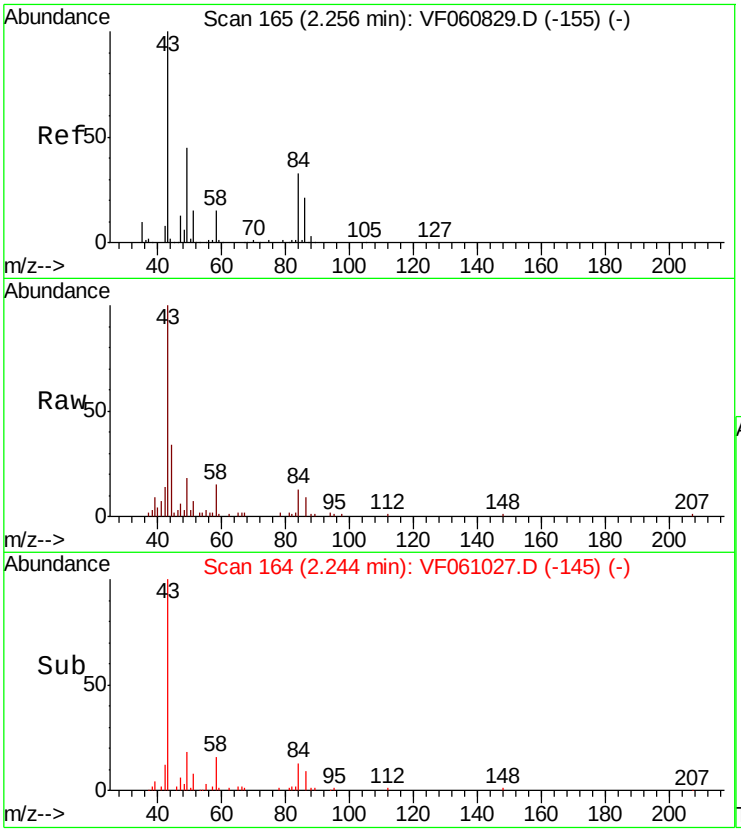


#16
Acetone
Concen: 62.277 ug/l
RT: 2.23 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Tgt Ion: 43 Resp: 34925

Ion	Ratio	Lower	Upper
43	100		
58	16.9	11.4	17.2



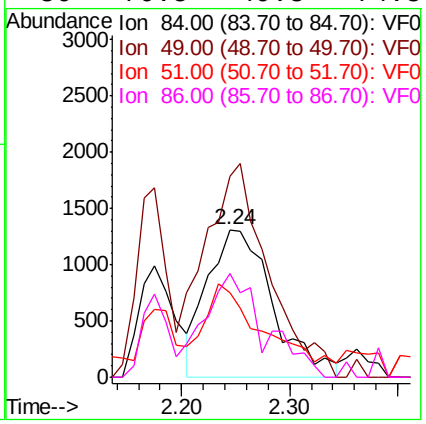


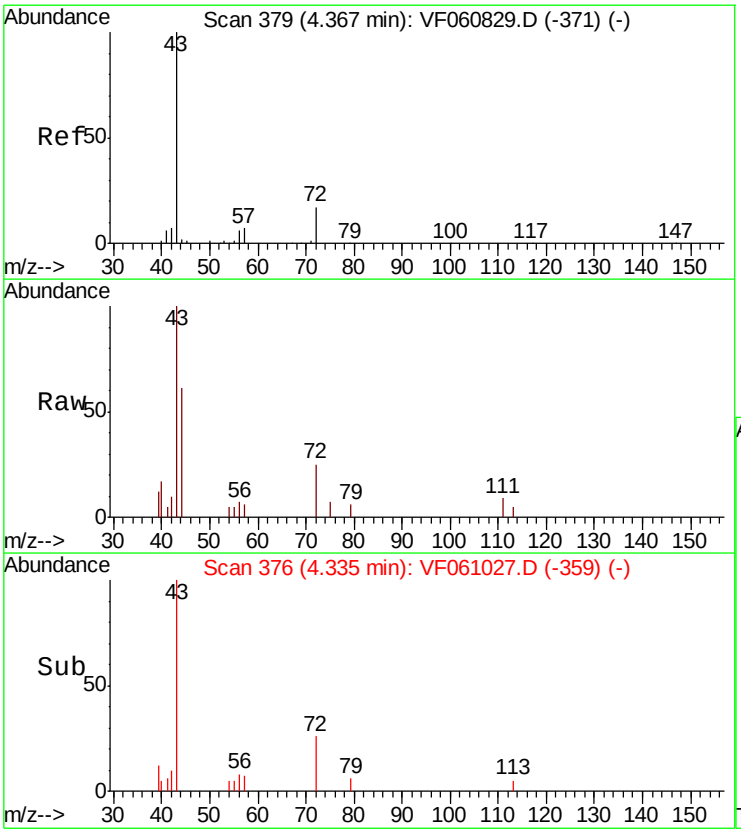
#20
Methylene Chloride
Concen: 2.694 ug/l
RT: 2.24 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 5543

Ion	Ratio	Lower	Upper
84	100		
49	136.5	111.3	166.9
51	57.2	38.0	57.0#
86	70.5	49.8	74.8

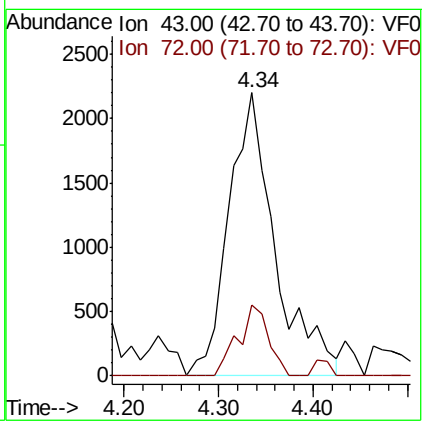


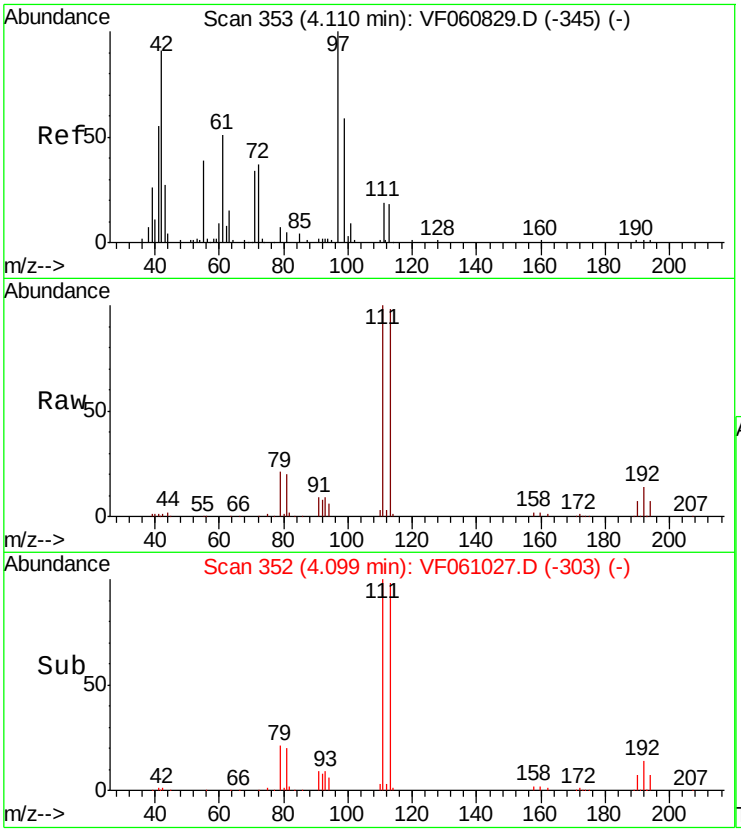


#25
2-Butanone
Concen: 7.693 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.03 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Tgt Ion: 43 Resp: 7462

Ion	Ratio	Lower	Upper
43	100		
72	24.9	15.4	23.2#



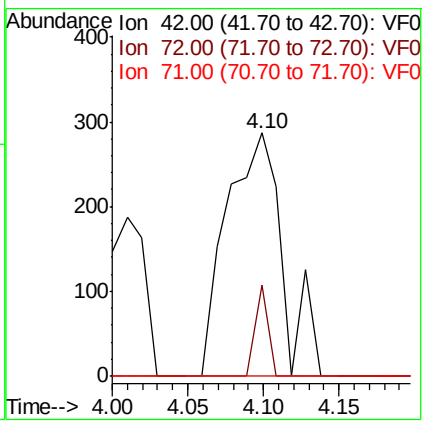


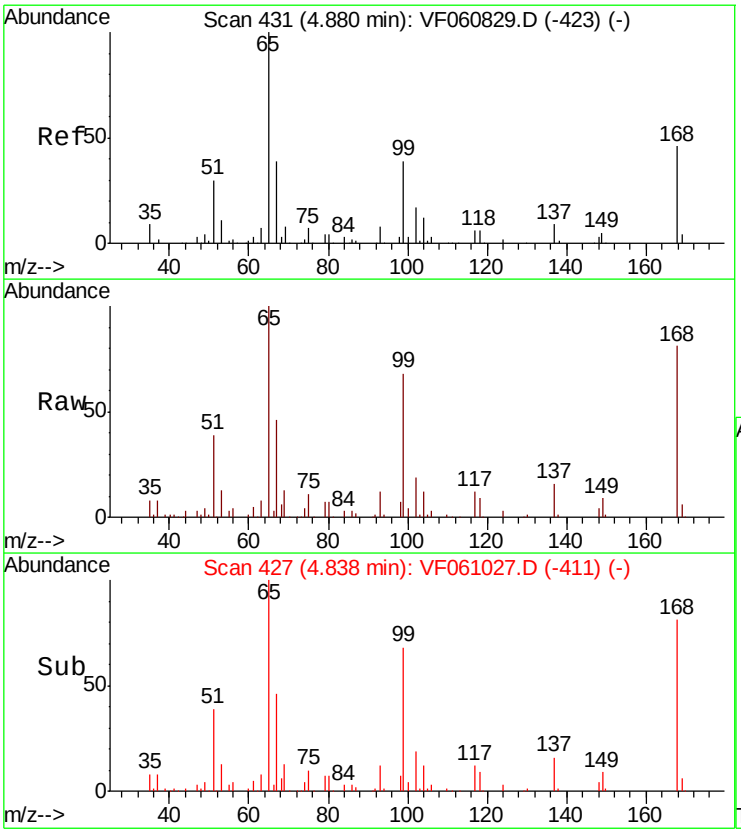
#29
Tetrahydrofuran
Concen: 1.802 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 741

Ion	Ratio	Lower	Upper
42	100		
72	8.5	31.9	47.9#
71	0.0	28.7	43.1#

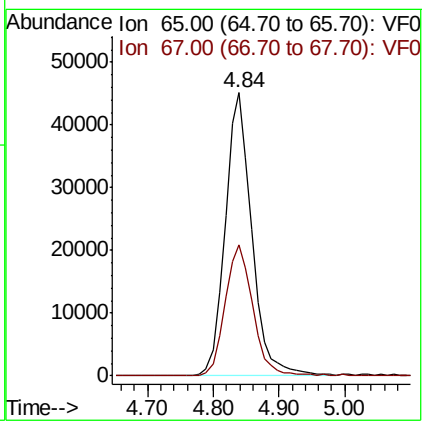


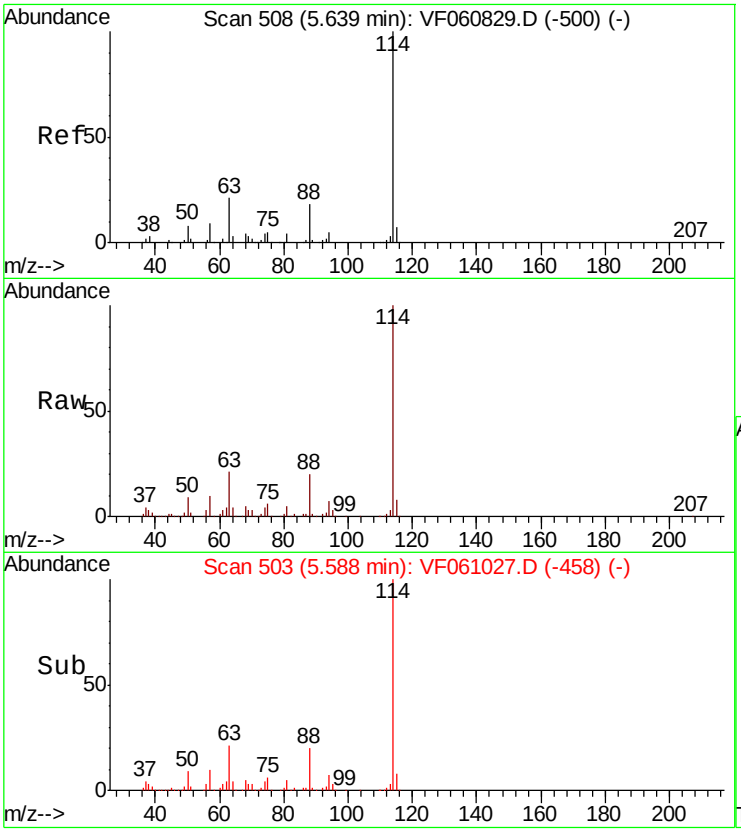


#33
1,2-Dichloroethane-d4
Concen: 42.051 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Tgt Ion: 65 Resp: 127882

Ion	Ratio	Lower	Upper
65	100		
67	46.2	0.0	96.4



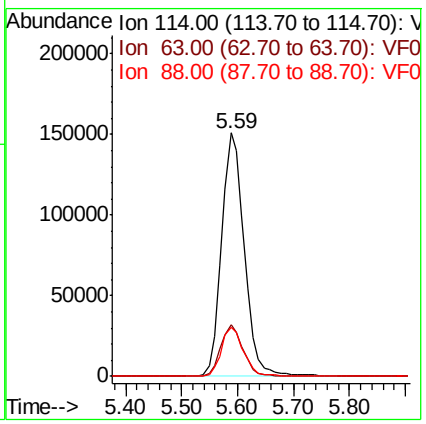


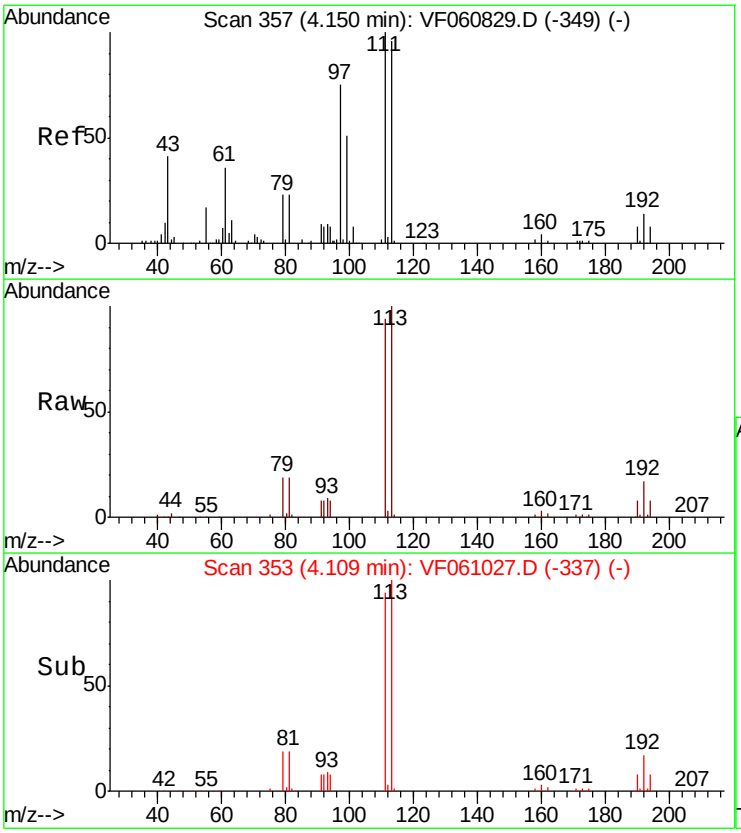
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.05 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 426129

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.6
88	20.3	0.0	36.6

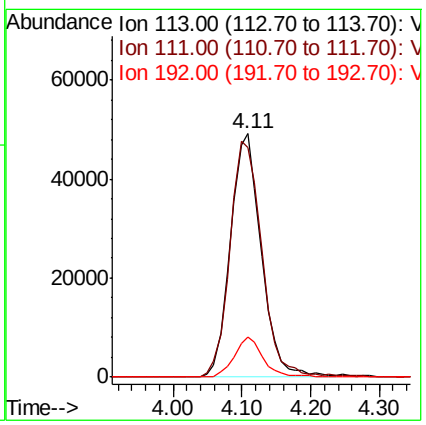


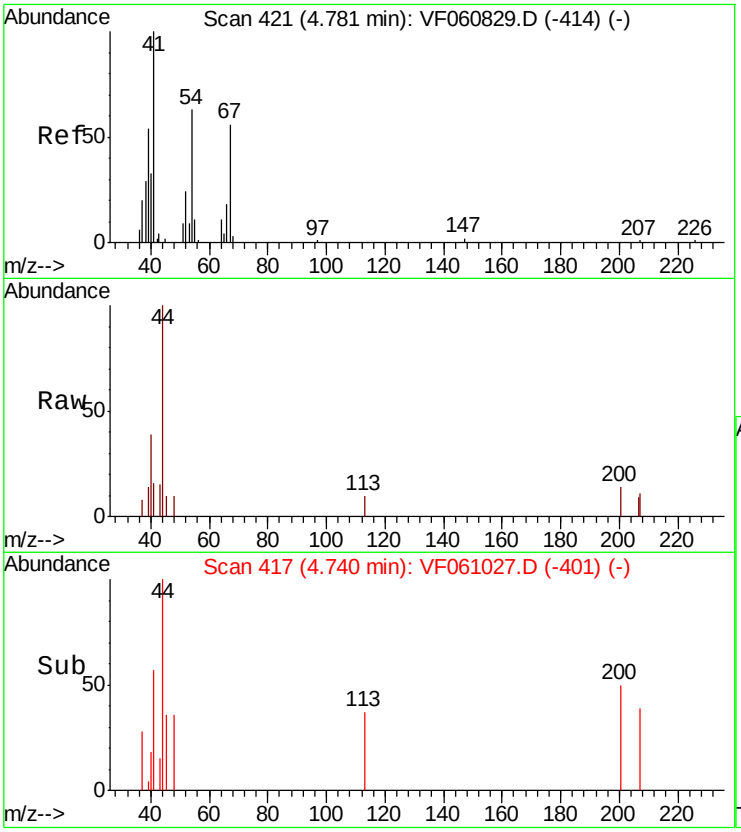


#35
Dibromofluoromethane
Concen: 45.155 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Tgt Ion:113 Resp: 152652

Ion	Ratio	Lower	Upper
113	100		
111	94.3	83.0	124.6
192	16.6	12.3	18.5



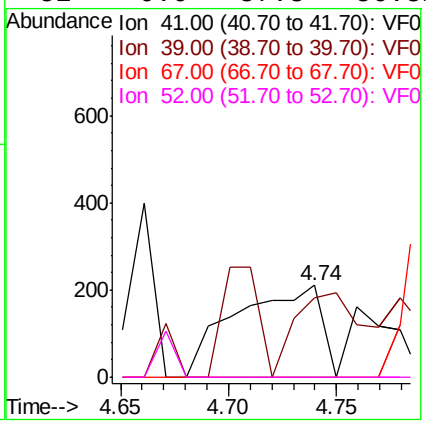


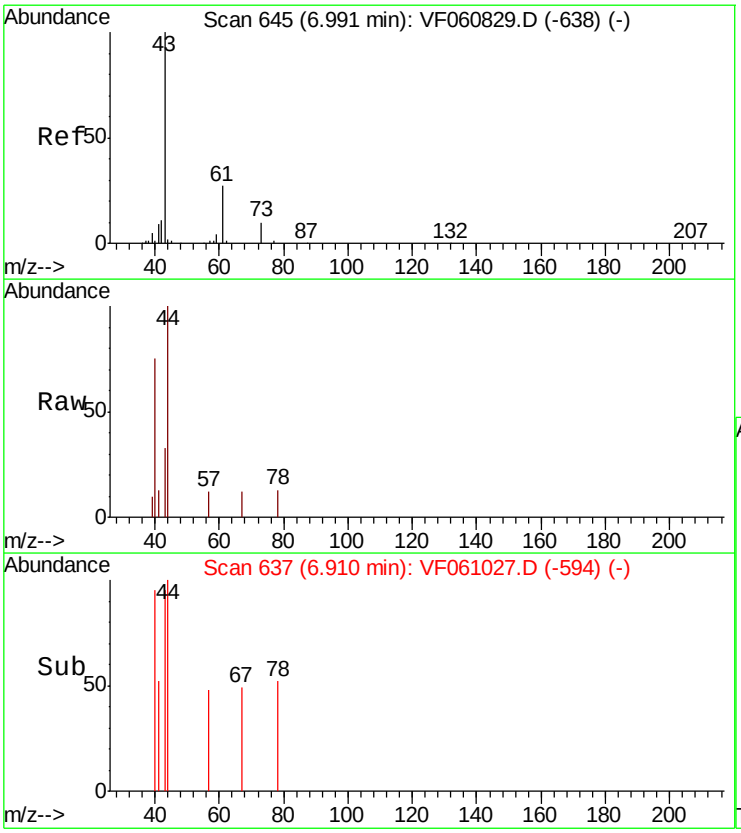
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.74 min Scan# 417
Delta R.T. -0.04 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 582

Ion	Ratio	Lower	Upper
41	100		
39	86.7	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#

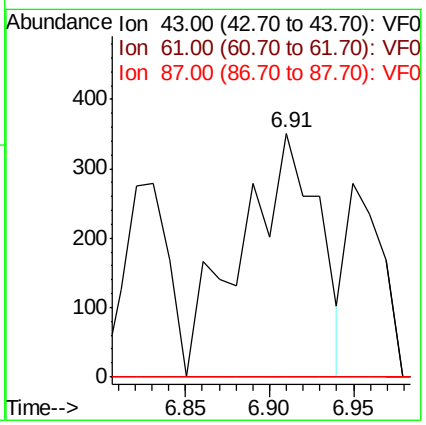


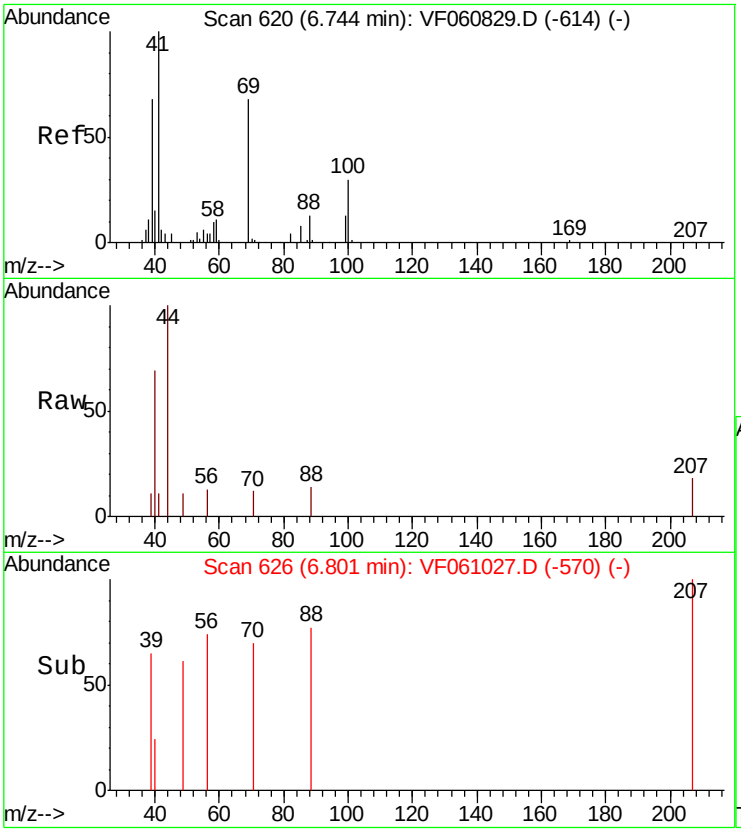


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.91 min Scan# 637
Delta R.T. -0.08 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Tgt Ion: 43 Resp: 1119

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



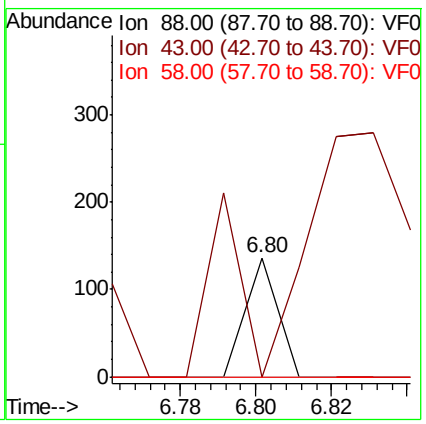


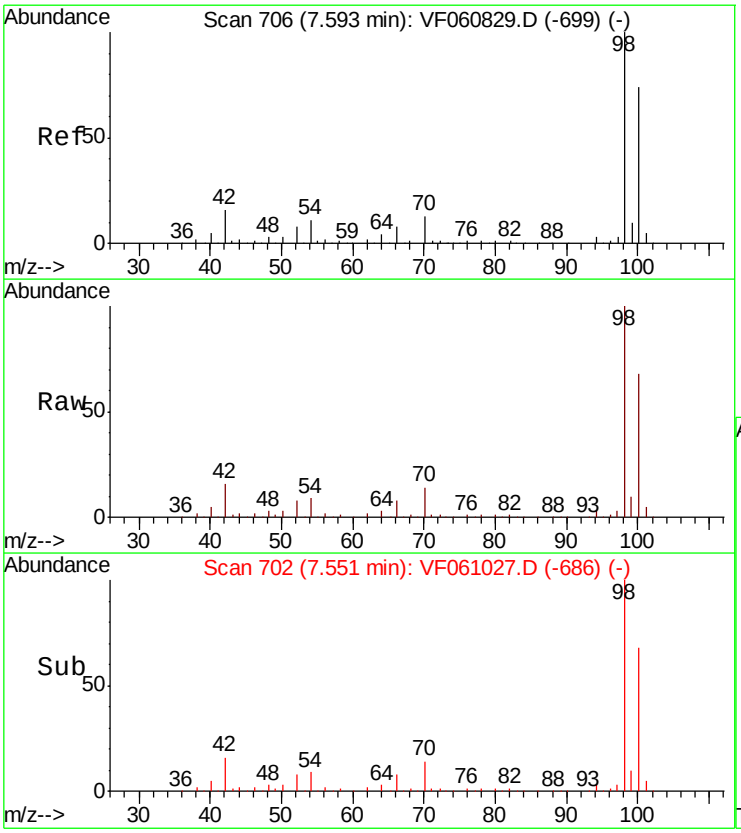
#49
1,4-Dioxane
Concen: 6.287 ug/l
RT: 6.80 min Scan# 626
Delta R.T. 0.06 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 80

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

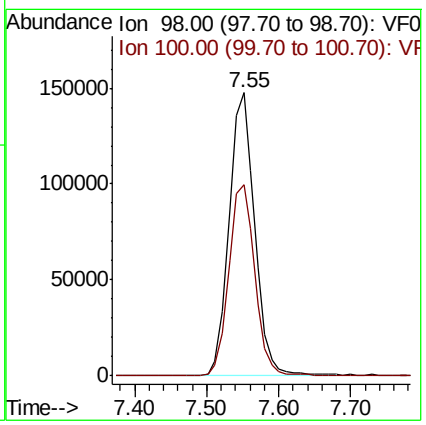


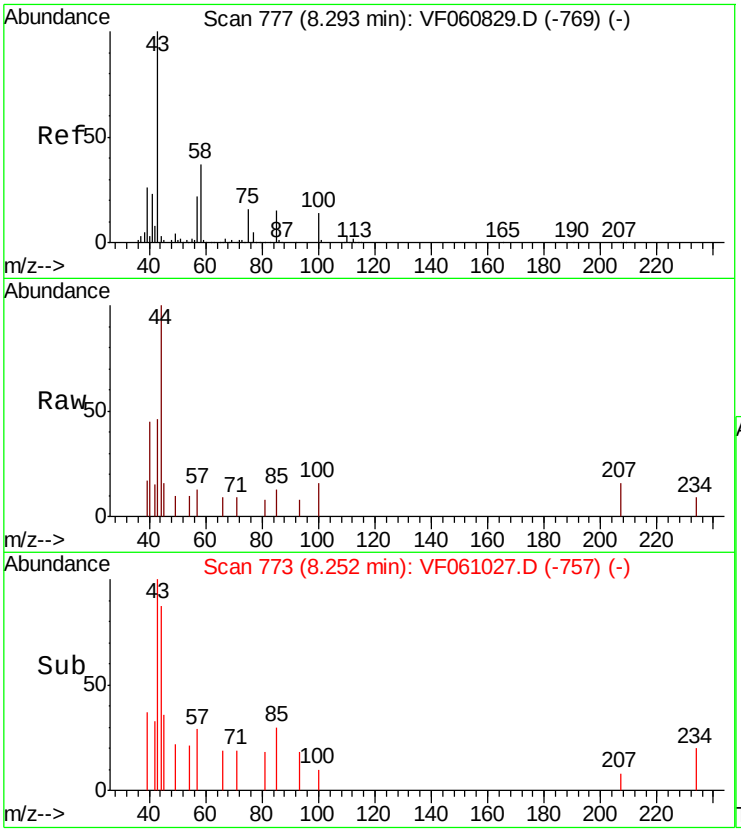


#50
Toluene-d8
Concen: 36.807 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Tgt Ion: 98 Resp: 366536

Ion	Ratio	Lower	Upper
98	100		
100	67.7	59.3	88.9



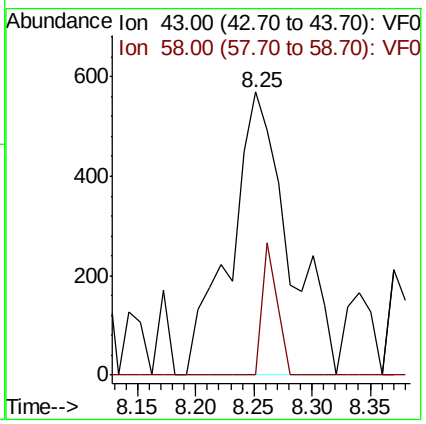


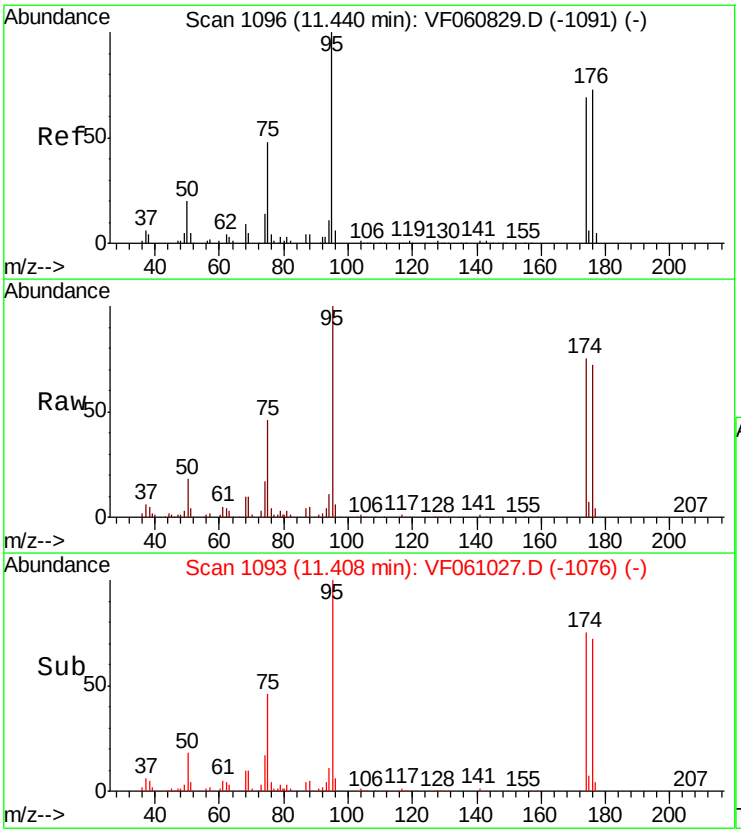
#51
4-Methyl-2-Pentanone
Concen: 1.118 ug/l
RT: 8.25 min Scan# 773
Delta R.T. -0.04 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1980

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#

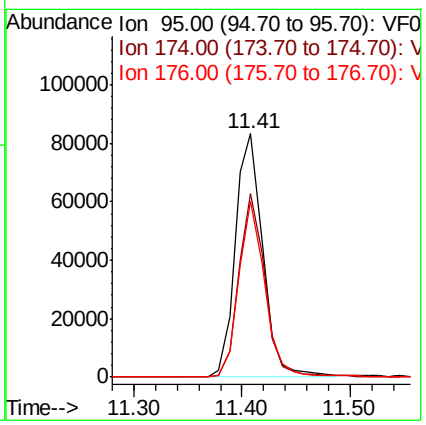


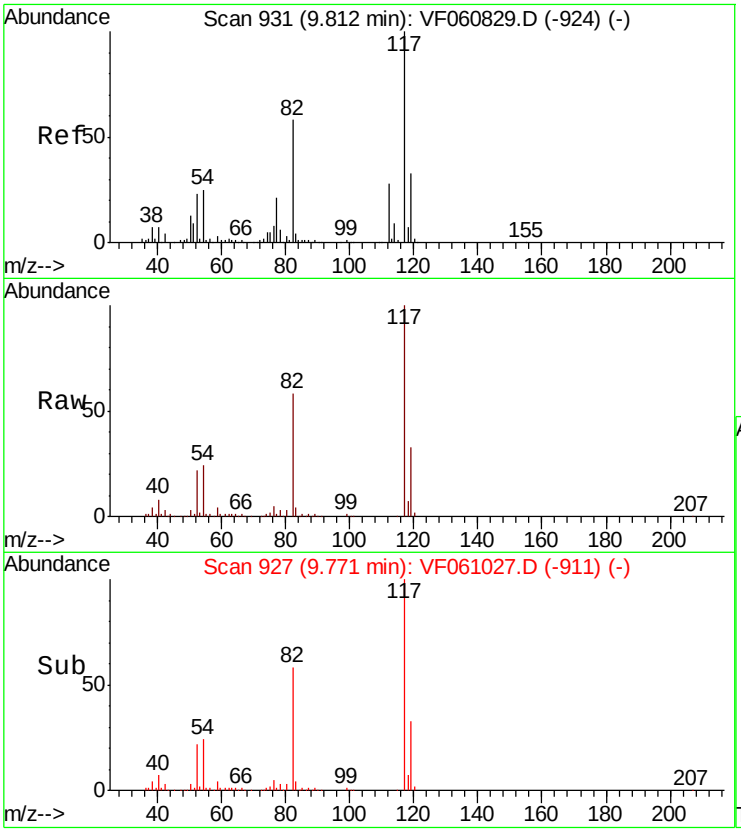


#62
4-Bromofluorobenzene
Concen: 32.488 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Tgt Ion: 95 Resp: 147035

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	138.2
176	72.1	0.0	146.2



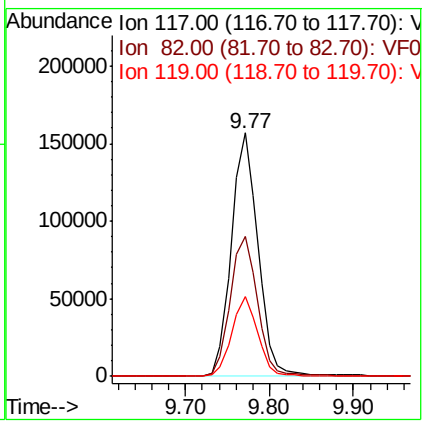


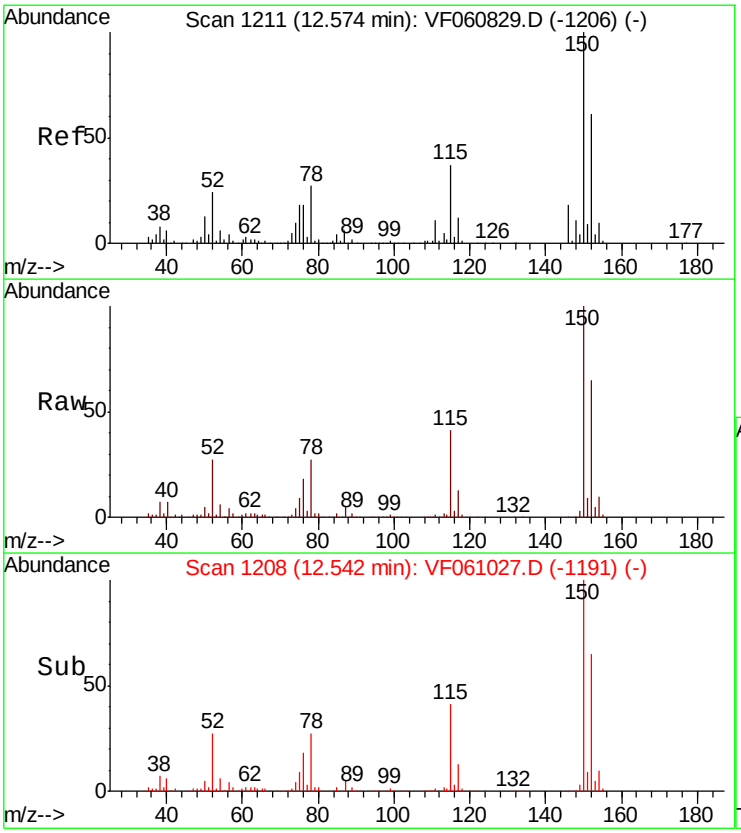
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 346609

Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.6	69.8
119	32.8	26.4	39.6

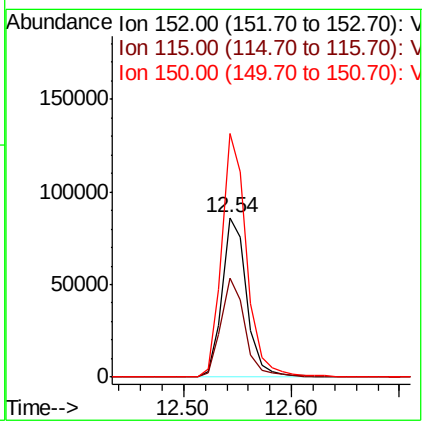


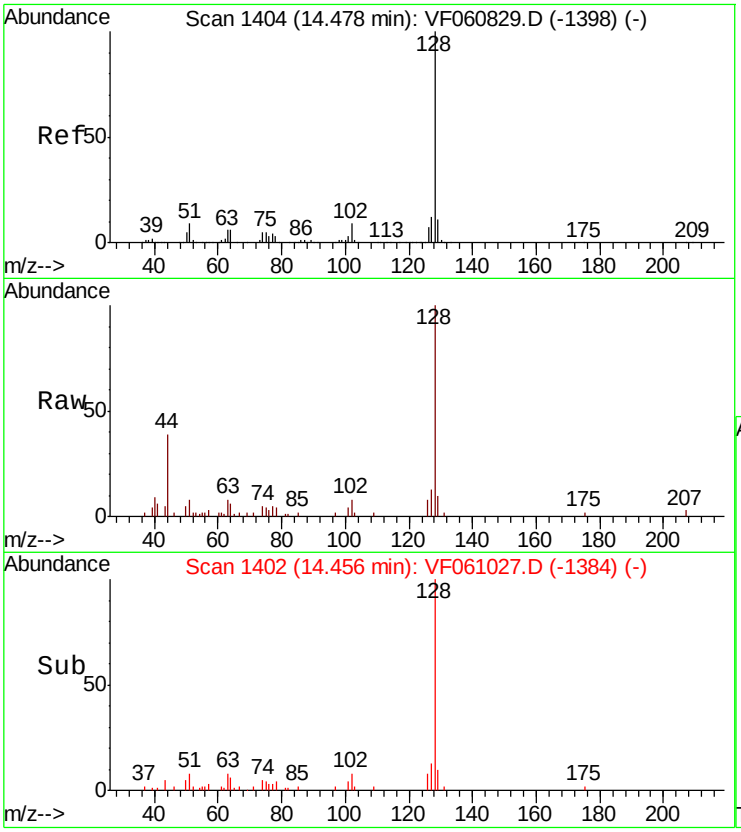


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Tgt Ion:152 Resp: 136986

Ion	Ratio	Lower	Upper
152	100		
115	61.9	30.1	90.5
150	152.8	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.46 min Scan# 1402
Delta R.T. -0.02 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 13294

Ion	Ratio	Lower	Upper
128	100		
127	13.0	9.9	14.9
129	10.1	9.1	13.7