Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120618\
Data File : VF060926.D
Acq On : 6 Dec 2018 19:32
Operator : VA/AP
Sample : J6214-19
Misc : 4.00g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 07 00:23:13 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	4.87	168	119920	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	167706	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	110370	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	30043	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	57601	40.77	ug/l	-0.03
Spiked Amount 50.000			Recovery = 81.54%			
35) Dibromofluoromethane	4.12	113	69020	51.88	ug/l	-0.03
Spiked Amount 50.000			Recovery = 103.76%			
50) Toluene-d8	7.55	98	143720	36.67	ug/l	-0.04
Spiked Amount 50.000			Recovery = 73.34%			
62) 4-Bromofluorobenzene	11.41	95	34741	19.50	ug/l	-0.02
Spiked Amount 50.000			Recovery = 39.00%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.55	59	67	1.157	ug/l #	62
13) Acrolein	2.10	56	400	7.290	ug/l	94
15) Acrylonitrile	2.92	53	208	1.602	ug/l #	11
16) Acetone	2.24	43	2600	9.980	ug/l #	65
18) Methyl Acetate	2.36	43	2067	3.184	ug/l #	61
20) Methylene Chloride	2.17	84	1367	1.430	ug/l	88
29) Tetrahydrofuran	4.08	42	337	1.764	ug/l #	58
41) Methacrylonitrile	4.73	41	136	Below Cal #		23
43) Isopropyl Acetate	6.92	43	459	Below Cal #		49
59) 2-Hexanone	9.44	43	657	1.343	ug/l #	27
74) N-amyl acetate	11.41	43	840	1.532	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.20	105	3177	1.652	ug/l	86
95) Naphthalene	14.45	128	106333	86.154	ug/l	99

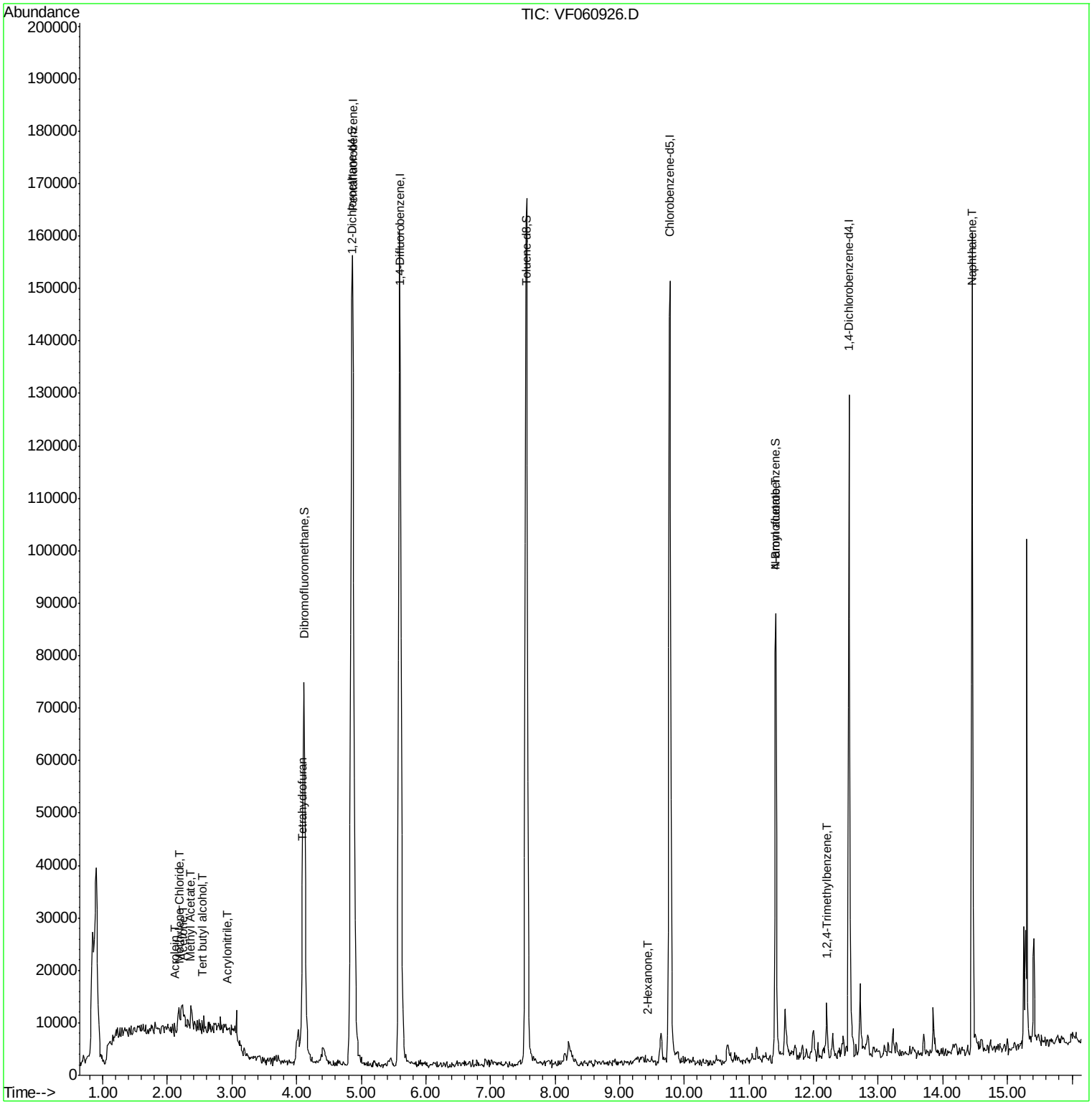
(#) = qualifier out of range (m) = manual integration (+) = signals summed

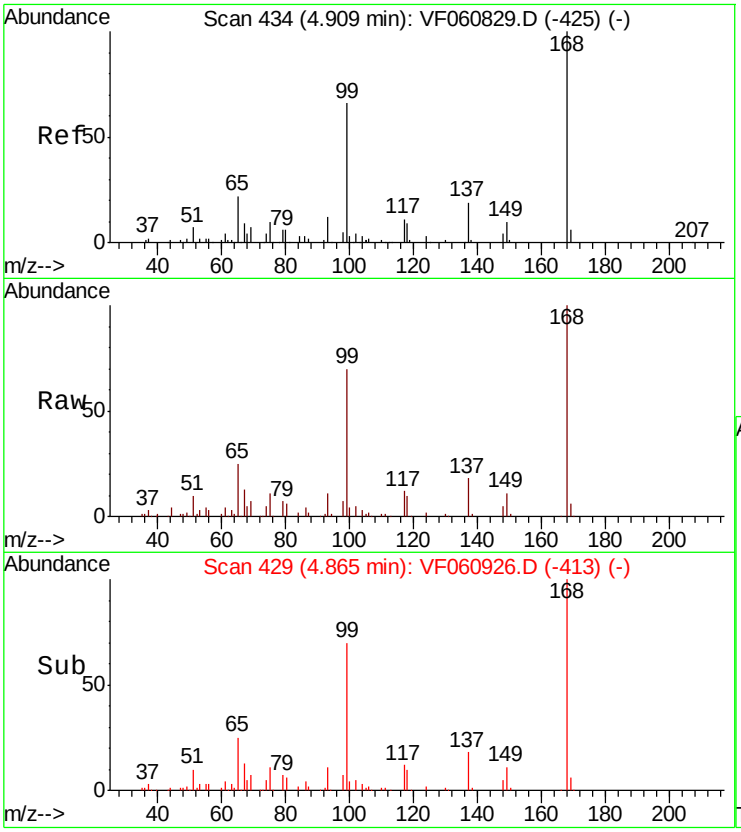
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060926.D
Acq On : 6 Dec 2018 19:32
Operator : VA/AP
Sample : J6214-19
Misc : 4.00g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 07 00:23:13 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



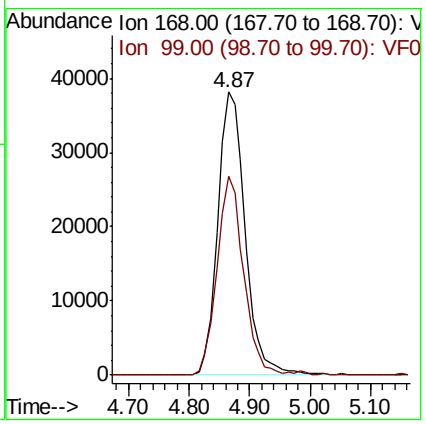


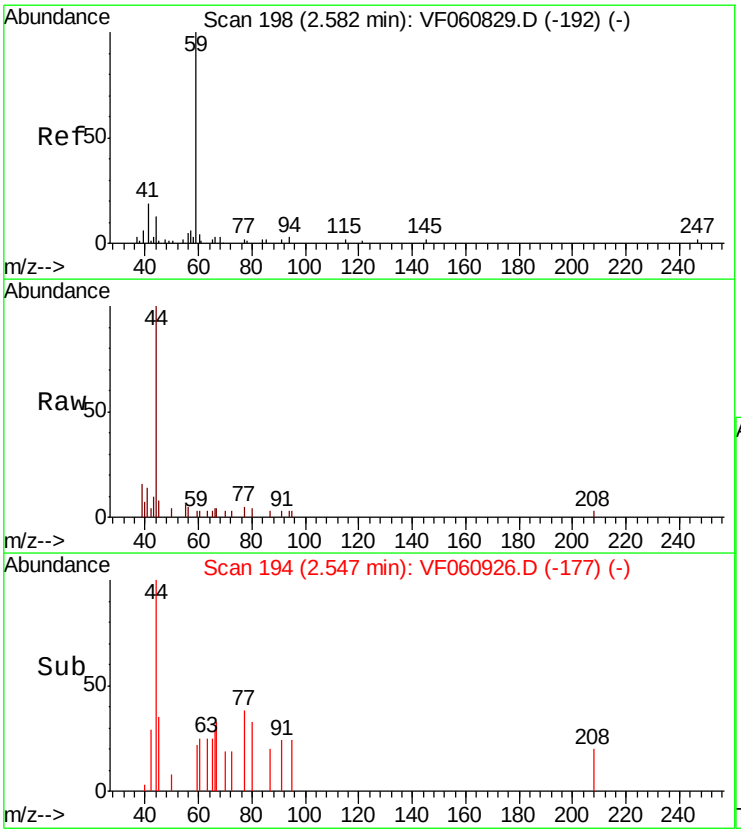
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 429
Delta R.T. -0.04 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 119920

Ion	Ratio	Lower	Upper
168	100		
99	70.2	52.6	79.0

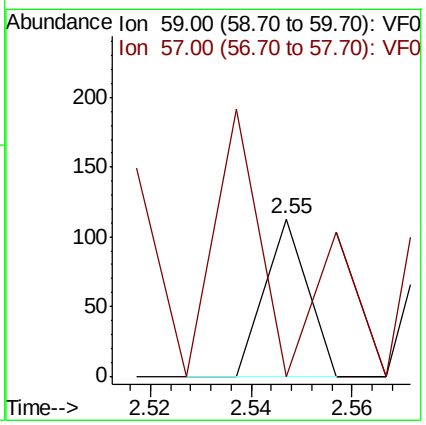


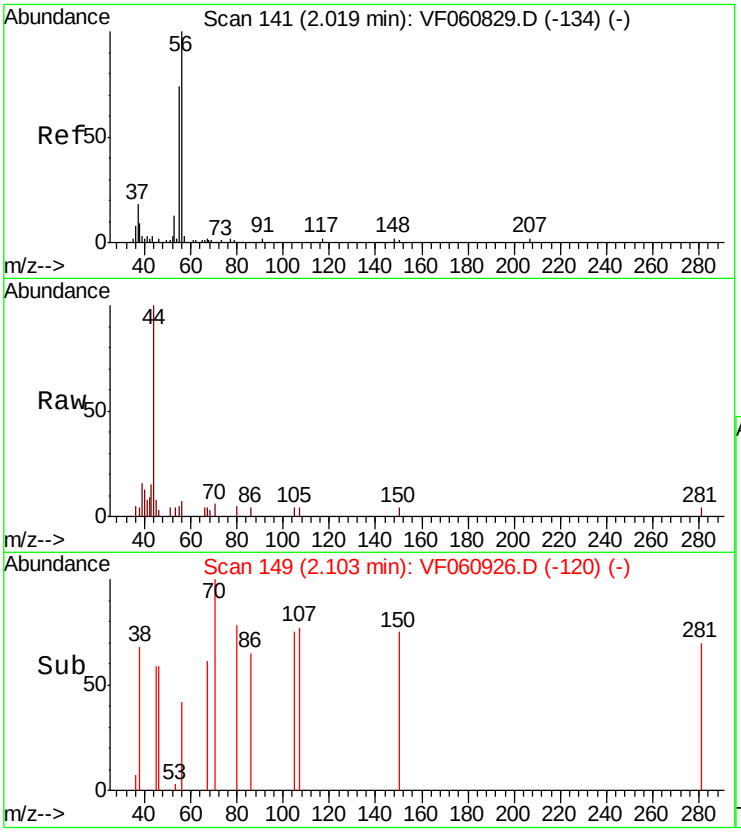


#11
Tert butyl alcohol
Concen: 1.157 ug/l
RT: 2.55 min Scan# 194
Delta R.T. -0.03 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Tgt Ion: 59 Resp: 67

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.7	19.1#



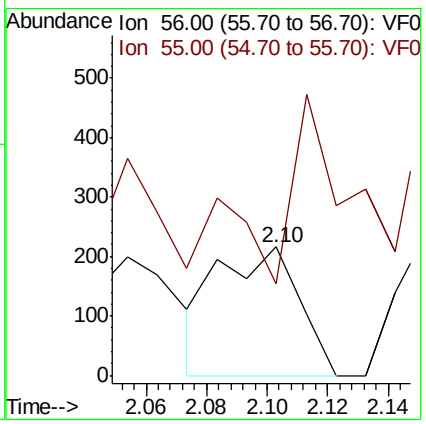


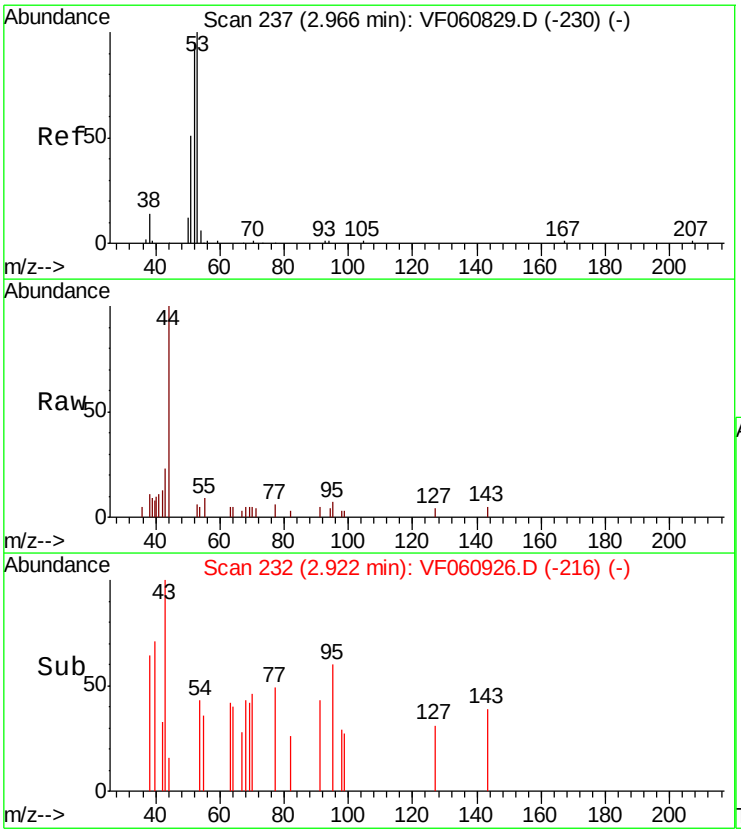
#13
Acrolein
Concen: 7.290 ug/l
RT: 2.10 min Scan# 149
Delta R.T. 0.08 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 400

Ion	Ratio	Lower	Upper
56	100		
55	71.3	61.2	91.8

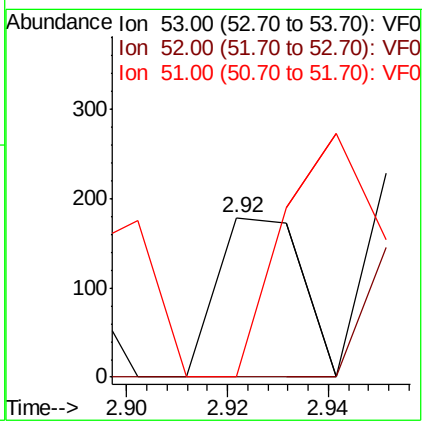


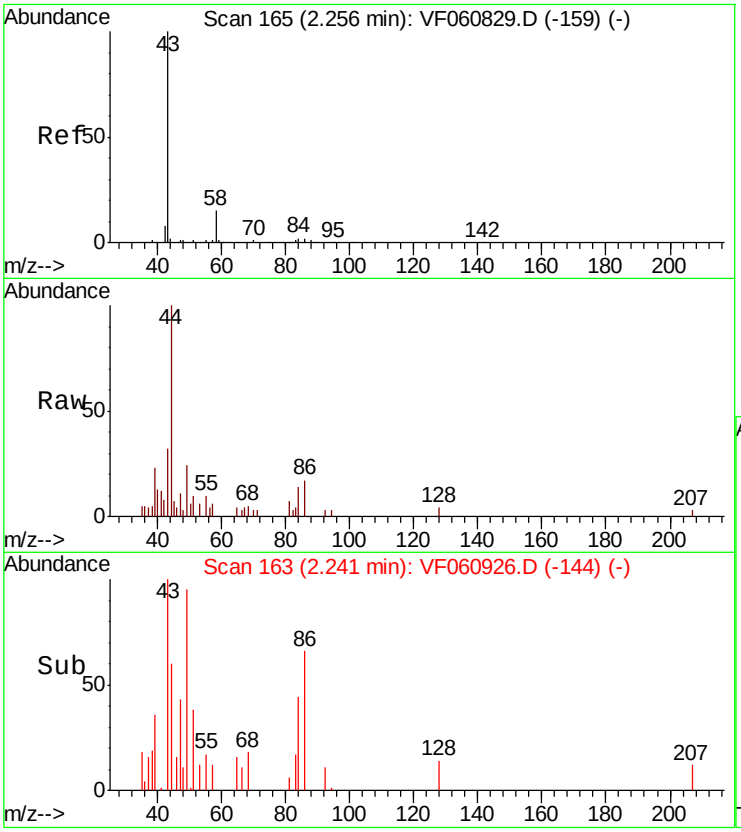


#15
Acrylonitrile
Concen: 1.602 ug/l
RT: 2.92 min Scan# 232
Delta R.T. -0.04 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Tgt Ion: 53 Resp: 208

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	0.0	40.7	61.1#



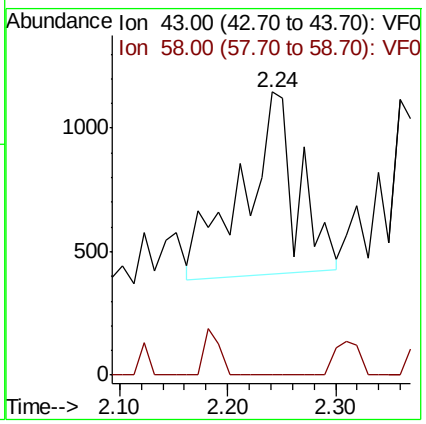


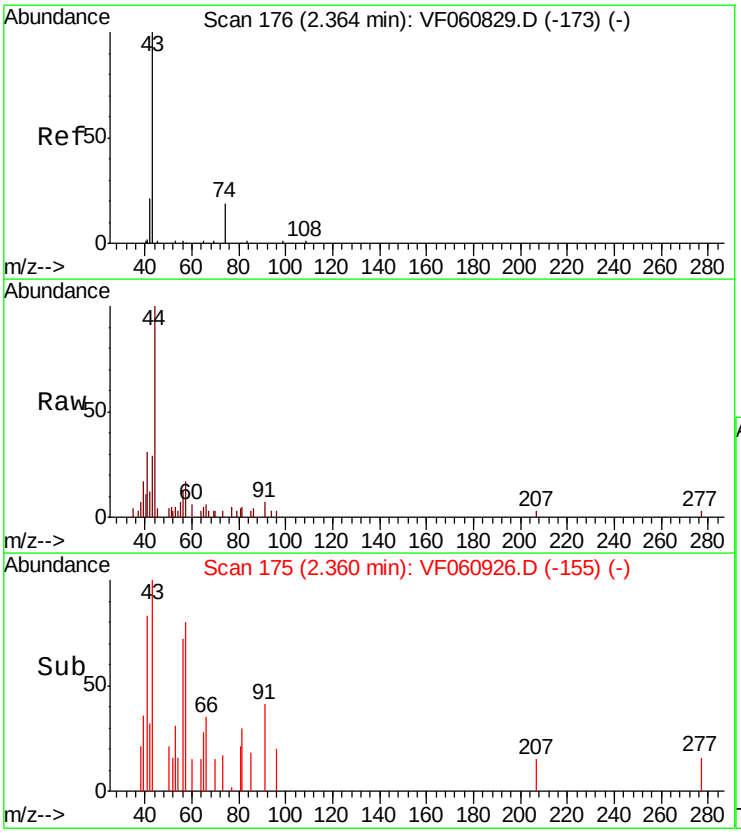
#16
Acetone
Concen: 9.980 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2600

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.4	17.2#

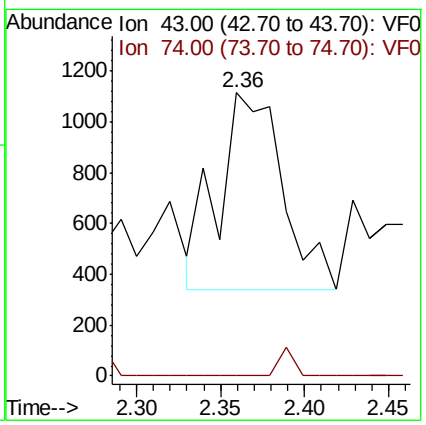


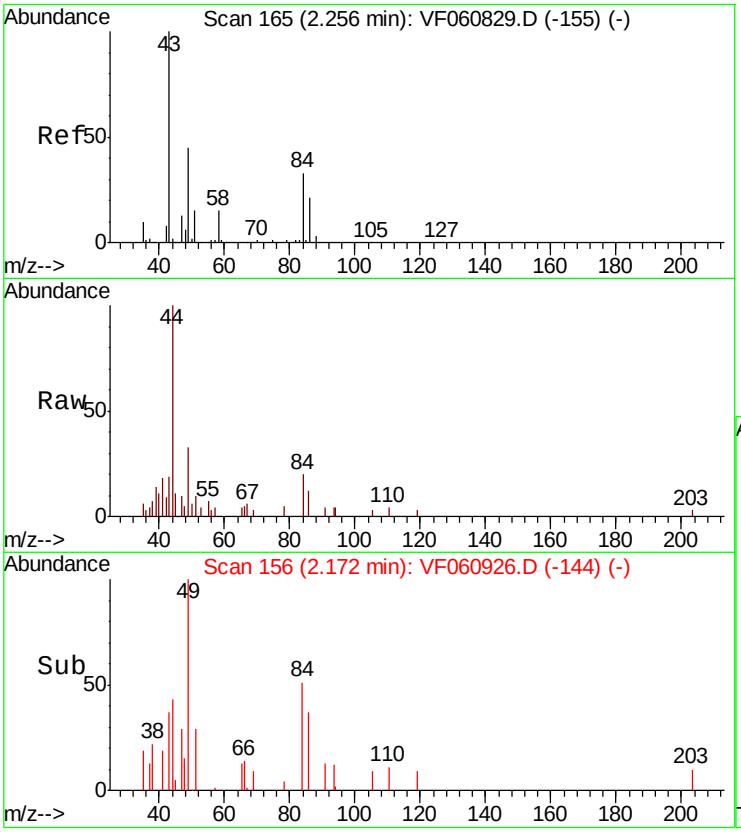


#18
Methyl Acetate
Concen: 3.184 ug/l
RT: 2.36 min Scan# 175
Delta R.T. -0.00 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Tgt Ion: 43 Resp: 2067

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#



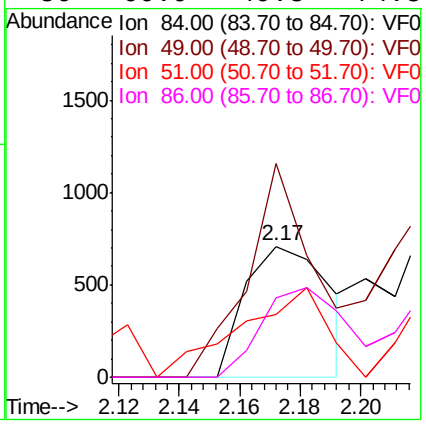


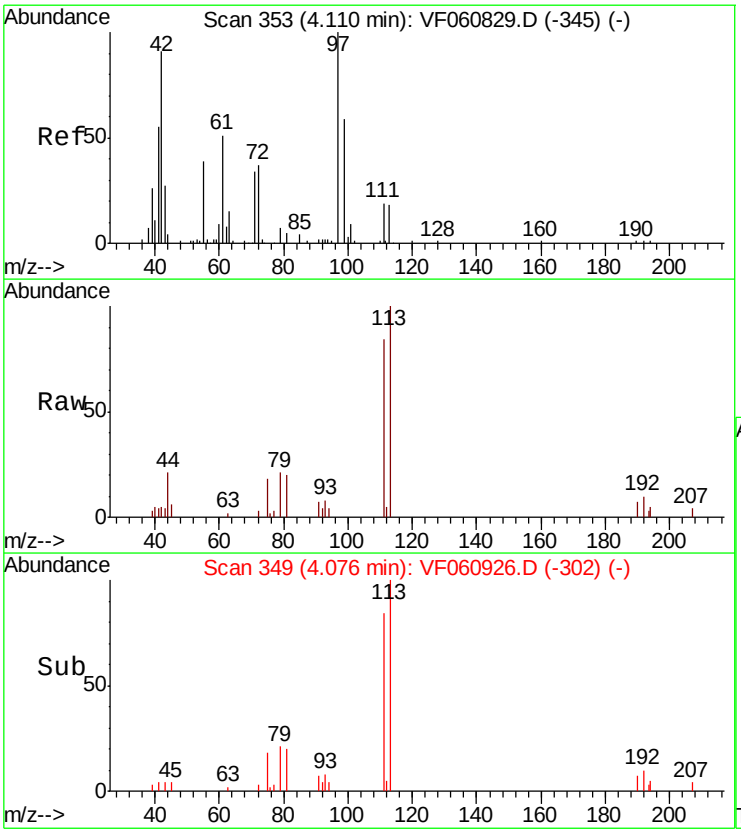
#20
Methylene Chloride
Concen: 1.430 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.08 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 1367

Ion	Ratio	Lower	Upper
84	100		
49	163.3	111.3	166.9
51	47.5	38.0	57.0
86	60.9	49.8	74.8

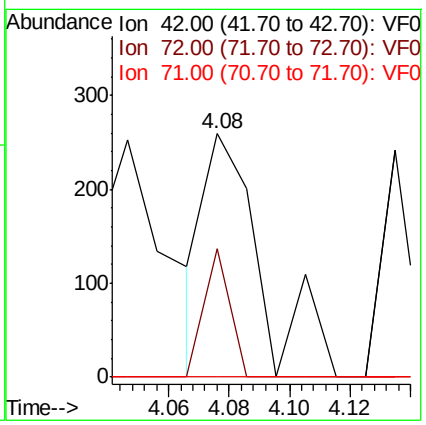


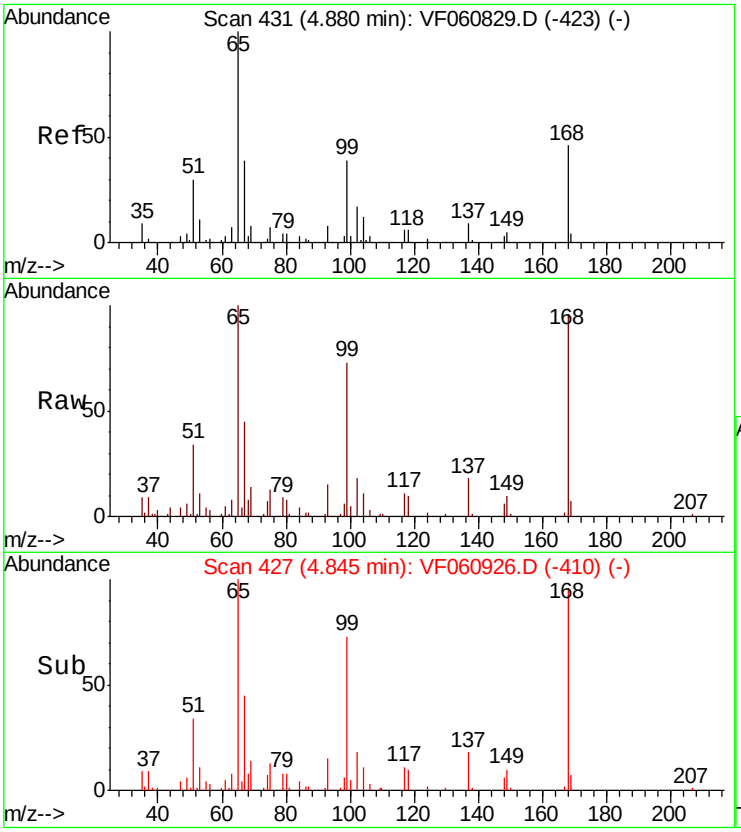


#29
Tetrahydrofuran
Concen: 1.764 ug/l
RT: 4.08 min Scan# 349
Delta R.T. -0.03 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Tgt Ion: 42 Resp: 337

Ion	Ratio	Lower	Upper
42	100		
72	24.0	31.9	47.9#
71	0.0	28.7	43.1#



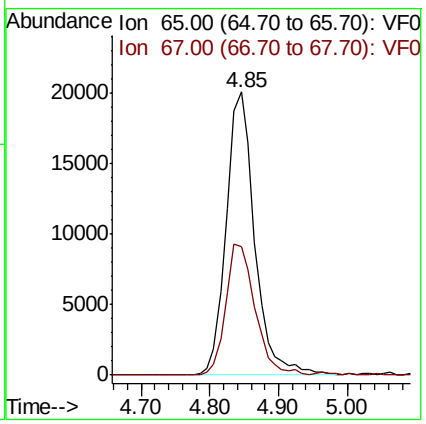


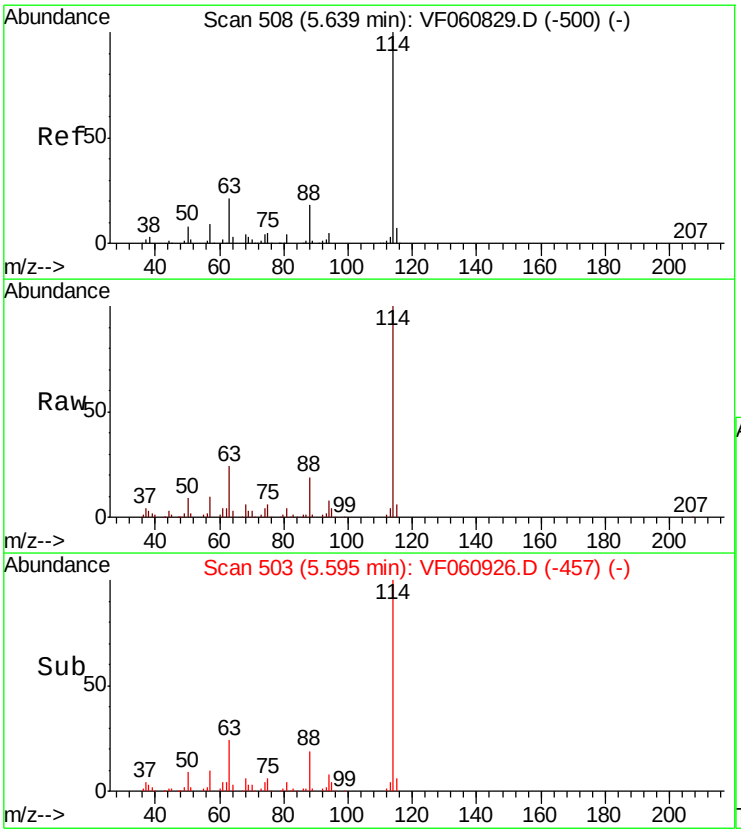
#33
1,2-Dichloroethane-d4
Concen: 40.774 ug/l
RT: 4.85 min Scan# 427
Delta R.T. -0.03 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 57601

Ion	Ratio	Lower	Upper
65	100		
67	45.4	0.0	96.4

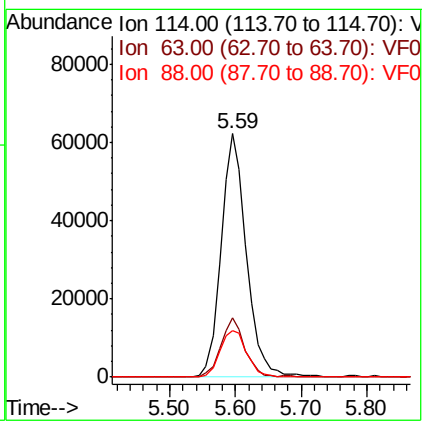


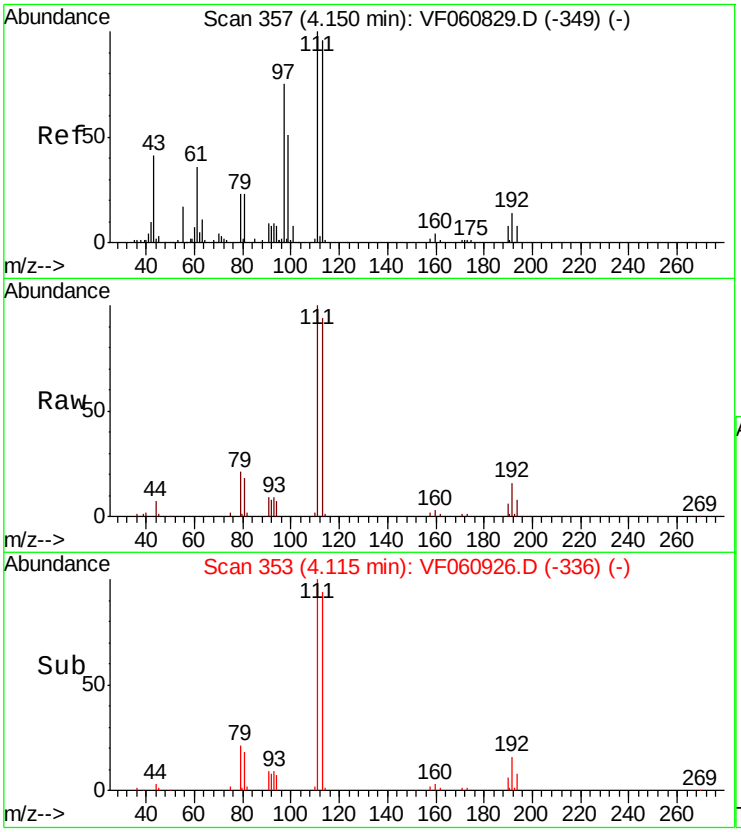


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.04 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Tgt Ion:114 Resp: 167706

Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	41.6
88	19.4	0.0	36.6



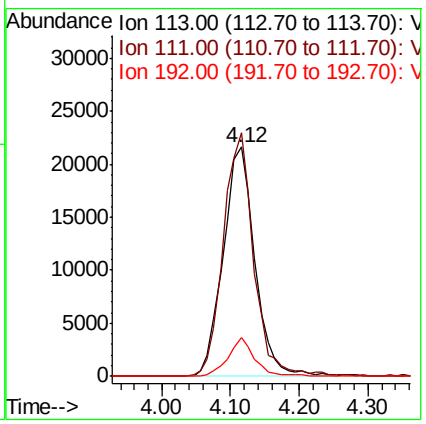


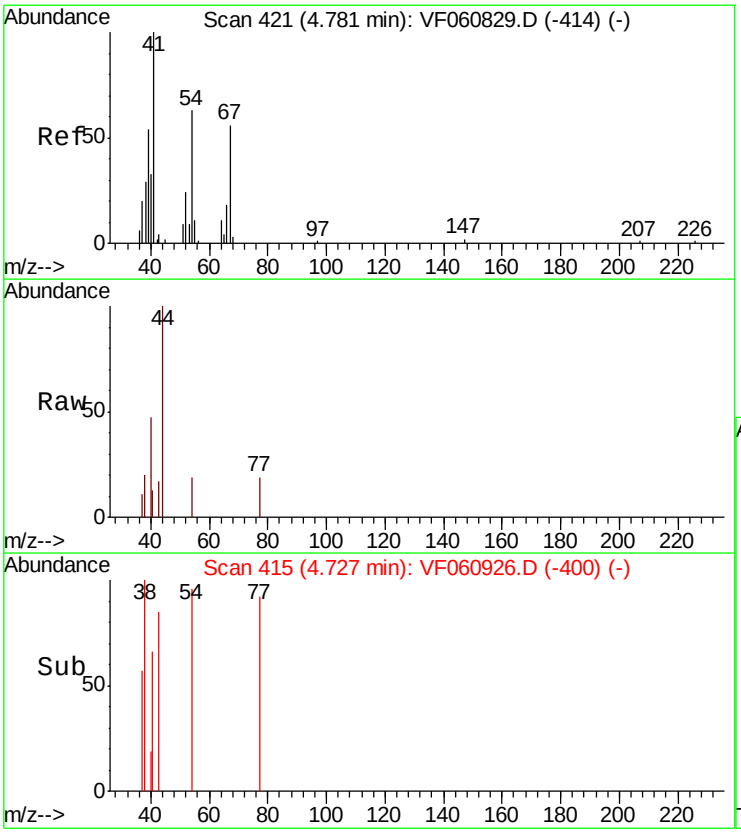
#35
Dibromofluoromethane
Concen: 51.877 ug/l
RT: 4.12 min Scan# 353
Delta R.T. -0.03 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 69020

Ion	Ratio	Lower	Upper
113	100		
111	106.1	83.0	124.6
192	16.7	12.3	18.5

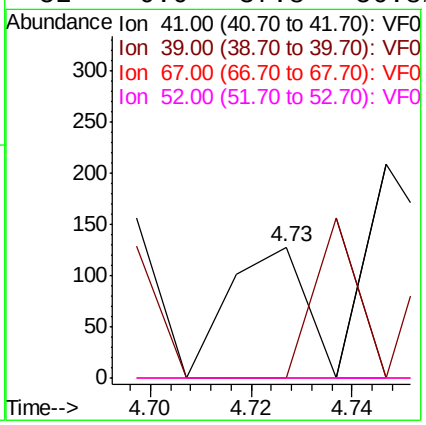


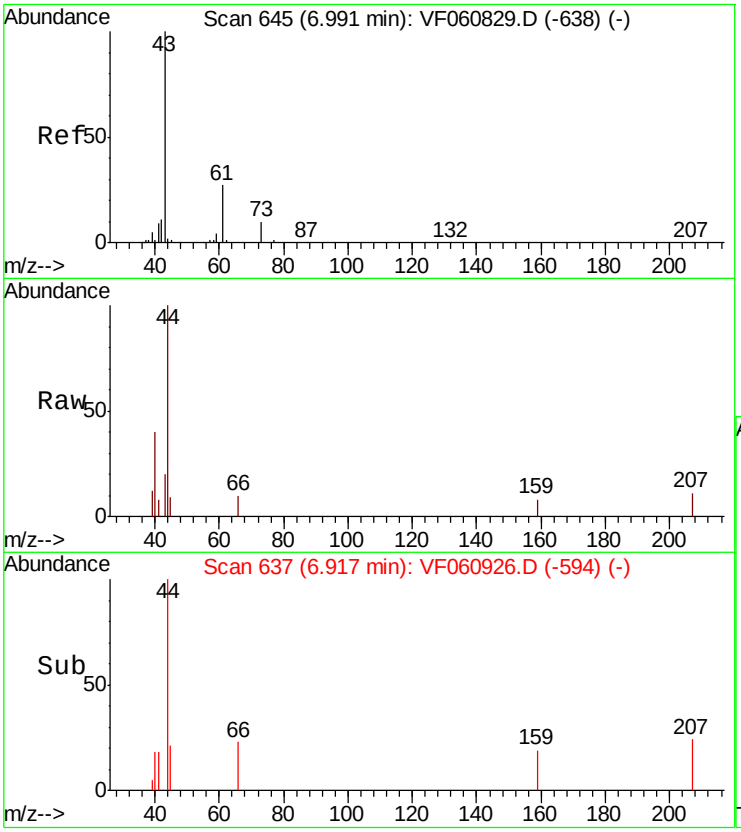


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.73 min Scan# 415
Delta R.T. -0.05 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Tgt Ion: 41 Resp: 136

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



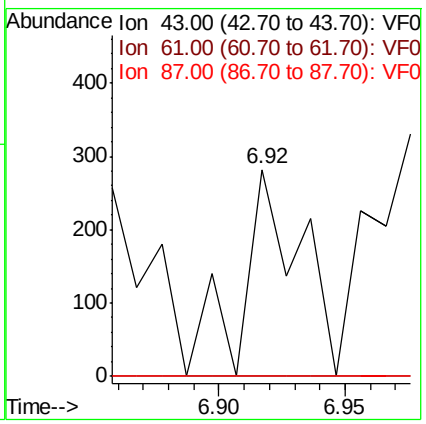


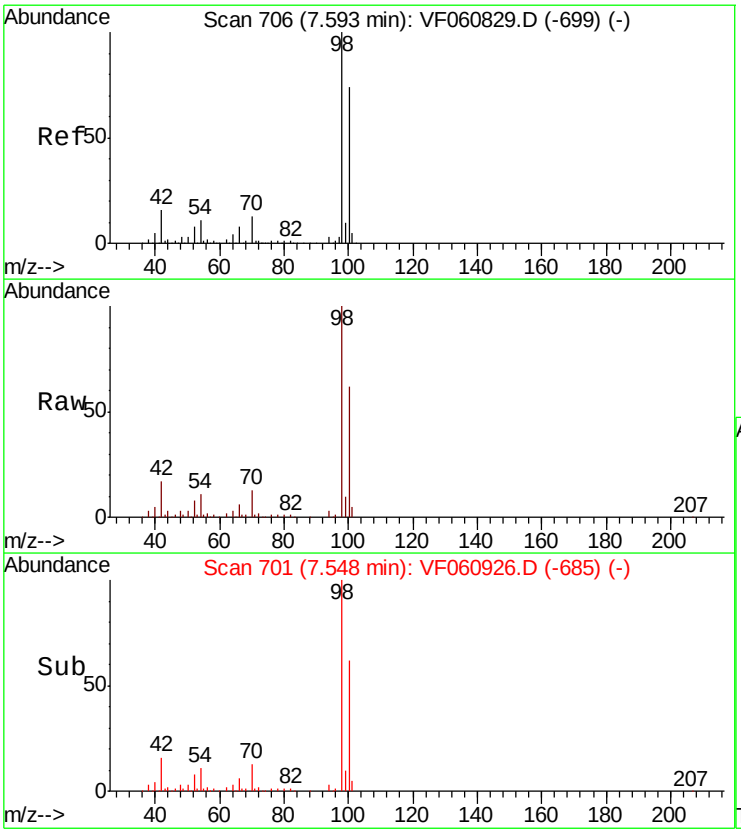
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.92 min Scan# 637
Delta R.T. -0.07 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 459

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

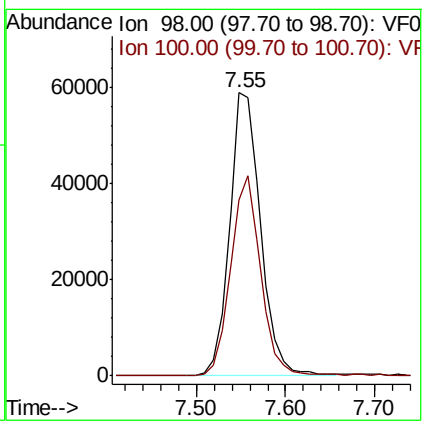


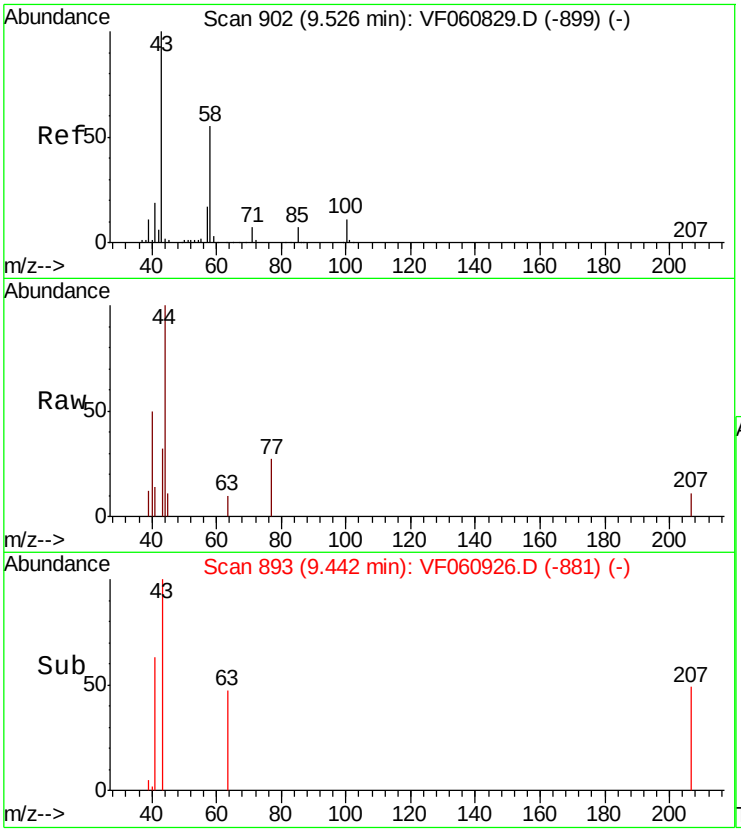


#50
Toluene-d8
Concen: 36.671 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.04 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Tgt Ion: 98 Resp: 143720

Ion	Ratio	Lower	Upper
98	100		
100	62.2	59.3	88.9



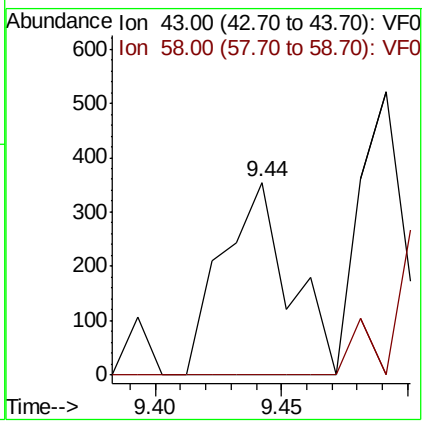


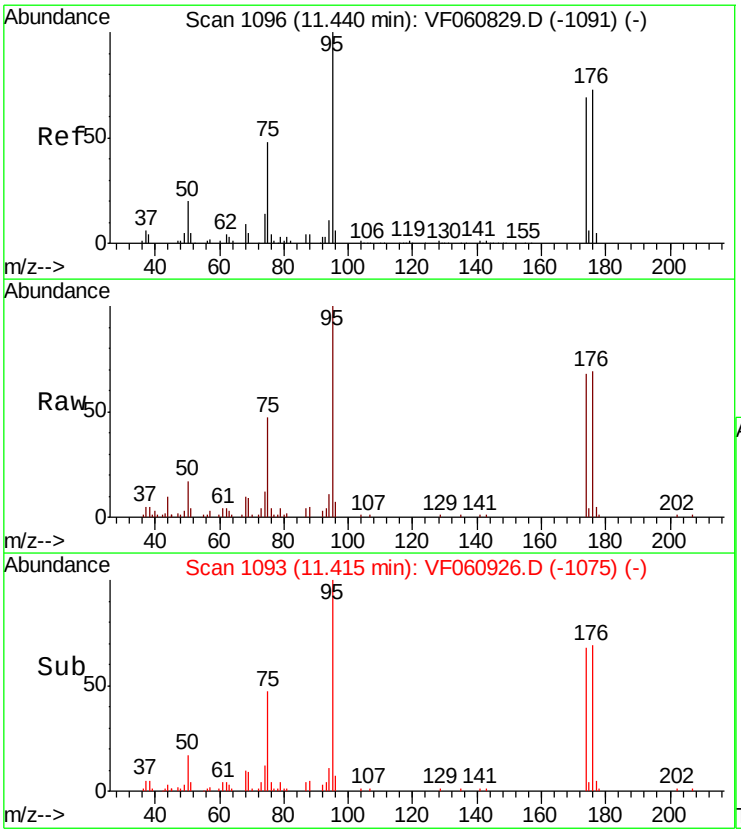
#59
2-Hexanone
Concen: 1.343 ug/l
RT: 9.44 min Scan# 893
Delta R.T. -0.08 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 657

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.6	76.6#

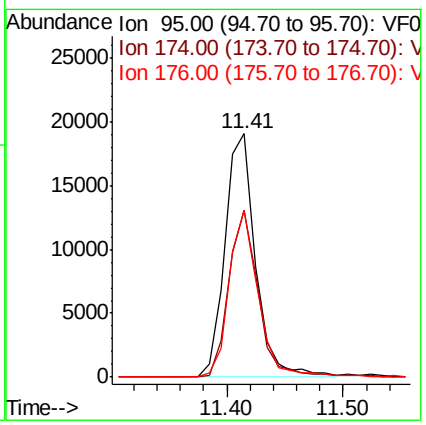


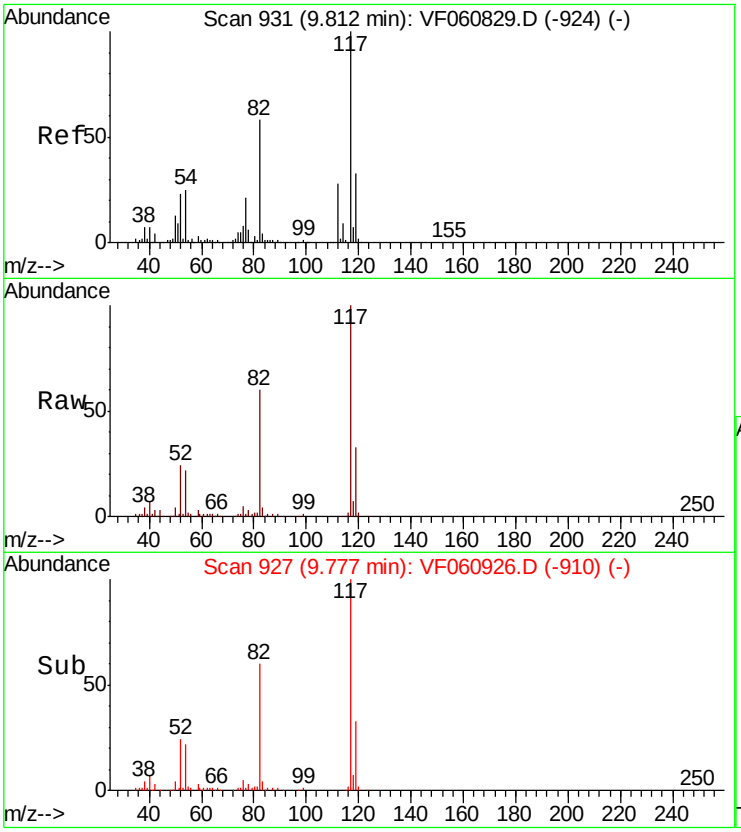


#62
4-Bromofluorobenzene
Concen: 19.504 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.02 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Tgt Ion: 95 Resp: 34741

Ion	Ratio	Lower	Upper
95	100		
174	68.4	0.0	138.2
176	68.5	0.0	146.2



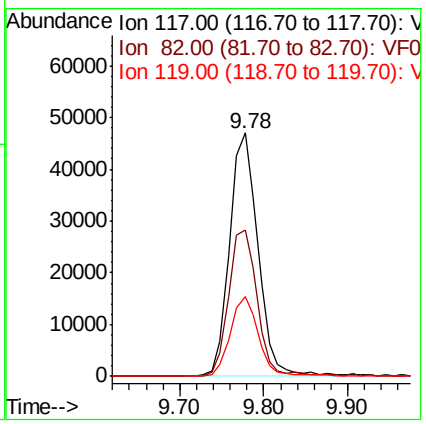


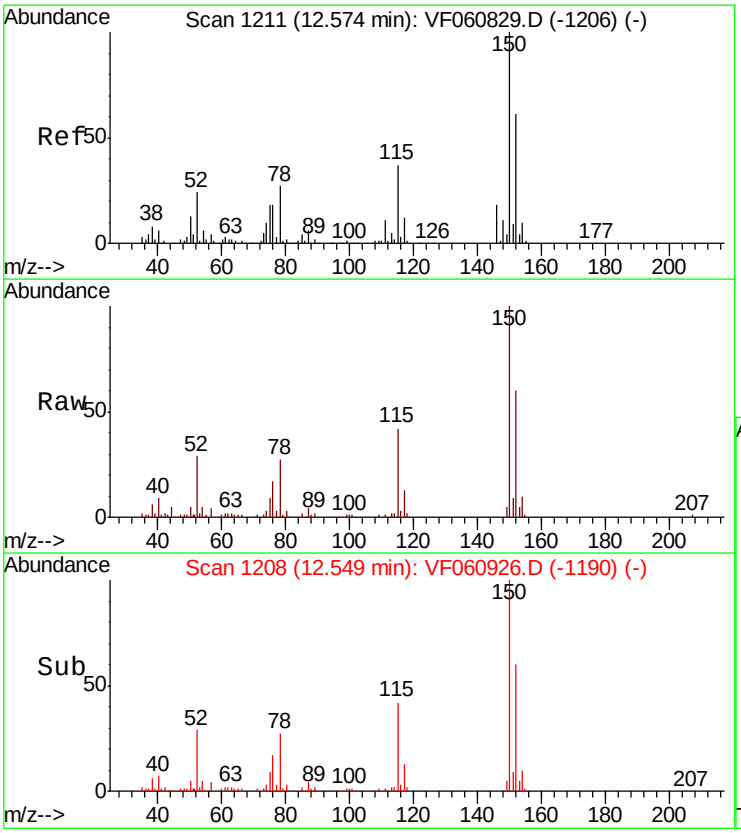
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.03 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 110370

Ion	Ratio	Lower	Upper
117	100		
82	60.3	46.6	69.8
119	32.9	26.4	39.6

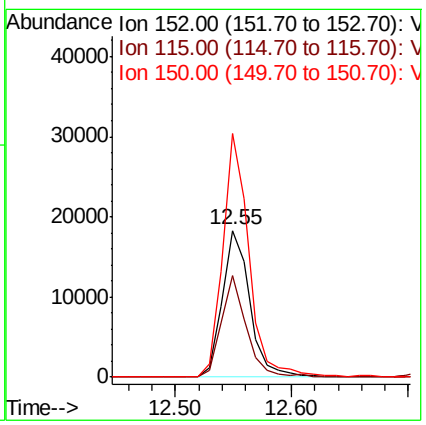


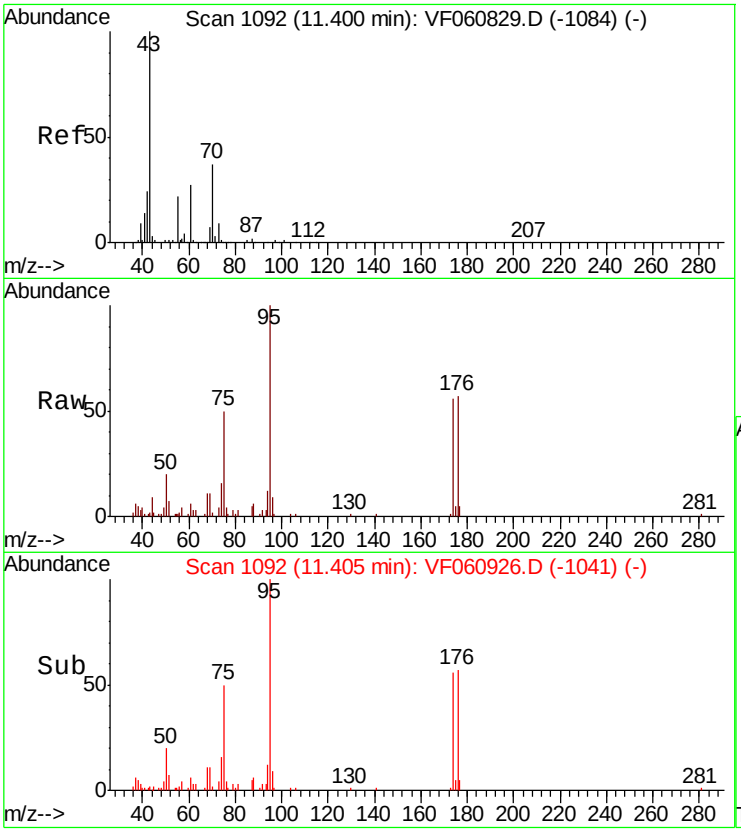


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Tgt Ion:152 Resp: 30043

Ion	Ratio	Lower	Upper
152	100		
115	69.2	30.1	90.5
150	166.1	0.0	327.6



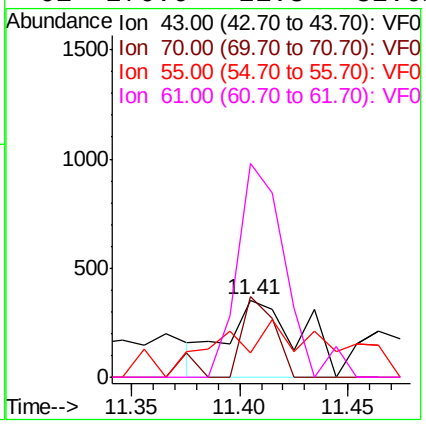


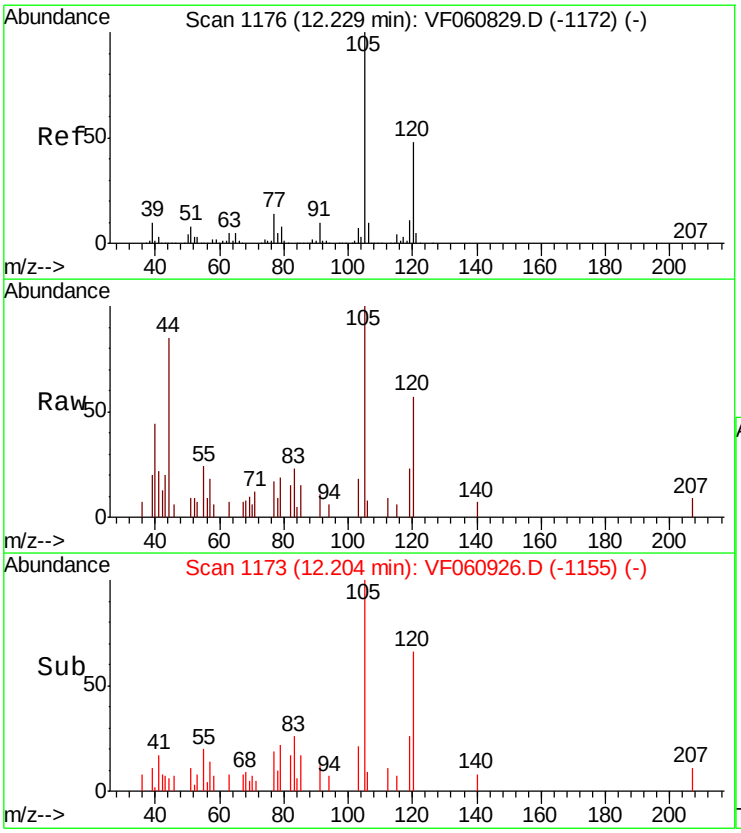
#74
N-amyl acetate
Concen: 1.532 ug/l
RT: 11.41 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 840

Ion	Ratio	Lower	Upper
43	100		
70	104.0	29.6	44.4#
55	31.6	17.2	25.8#
61	276.6	21.8	32.6#

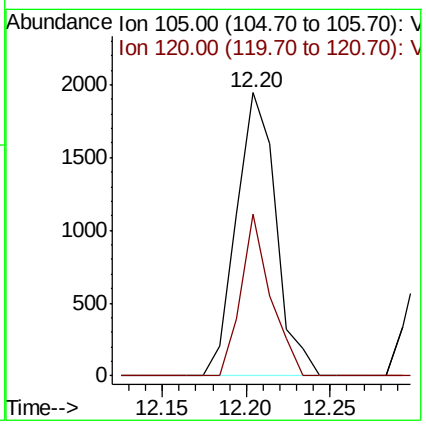


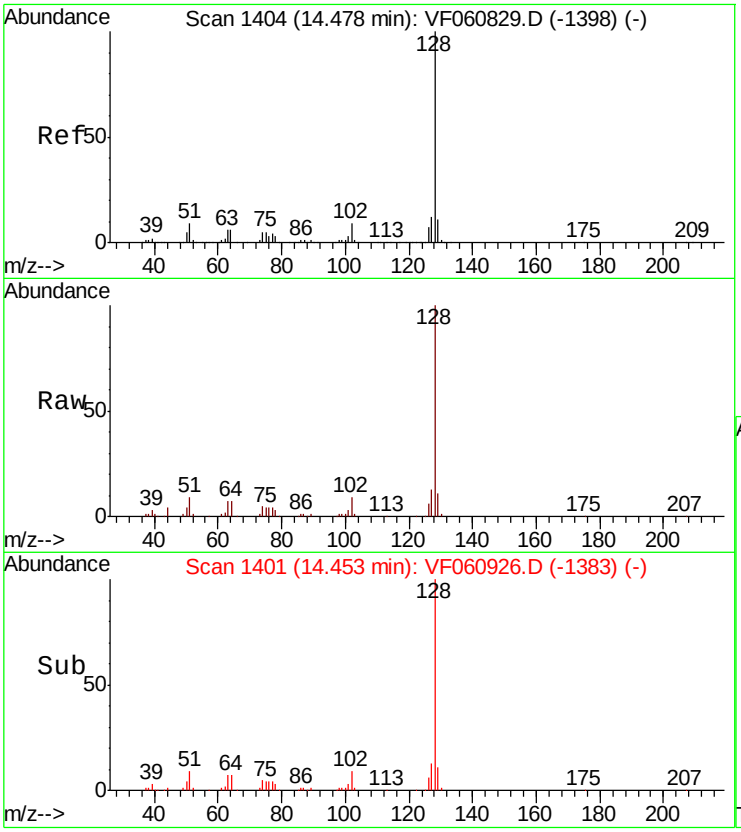


#84
1,2,4-Trimethylbenzene
Concen: 1.652 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.02 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Tgt Ion:105 Resp: 3177

Ion	Ratio	Lower	Upper
105	100		
120	57.1	23.8	71.5





#95
Naphthalene
Concen: 86.154 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.02 min
Lab File: VF060926.D
Acq: 6 Dec 2018 19:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 106333

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.9	14.9
129	11.3	9.1	13.7