Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120318\
Data File : VF060903.D
Acq On : 3 Dec 2018 20:46
Operator : VA/AP
Sample : J6148-03
Misc : 5.35g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-MH-J

Quant Time: Dec 04 03:12:44 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	4.90	168	171715	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.62	114	295522	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	244352	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	93773	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	98396	48.64	ug/l	-0.01
Spiked Amount 50.000			Recovery = 97.28%			
35) Dibromofluoromethane	4.13	113	113289	48.32	ug/l	-0.02
Spiked Amount 50.000			Recovery = 96.64%			
50) Toluene-d8	7.57	98	271546	39.32	ug/l	-0.02
Spiked Amount 50.000			Recovery = 78.64%			
62) 4-Bromofluorobenzene	11.43	95	109278	34.82	ug/l	-0.01
Spiked Amount 50.000			Recovery = 69.64%			
Target Compounds						Qvalue
13) Acrolein	2.01	56	123	1.566	ug/l #	81
15) Acrylonitrile	2.96	53	373	2.006	ug/l #	21
16) Acetone	2.38	43	1759	4.715	ug/l	94
18) Methyl Acetate	2.38	43	3329	3.794	ug/l #	61
20) Methylene Chloride	2.26	84	5612	4.101	ug/l #	73
25) 2-Butanone	4.37	43	794	1.231	ug/l #	57
29) Tetrahydrofuran	4.12	42	395	1.444	ug/l #	76
41) Methacrylonitrile	4.79	41	594	Below Cal	#	51
43) Isopropyl Acetate	6.97	43	346	Below Cal	#	49
49) 1,4-Dioxane	6.69	88	61	6.913	ug/l #	1
51) 4-Methyl-2-Pentanone	8.28	43	1274	1.037	ug/l #	38
95) Naphthalene	14.47	128	2680	Below Cal	#	94

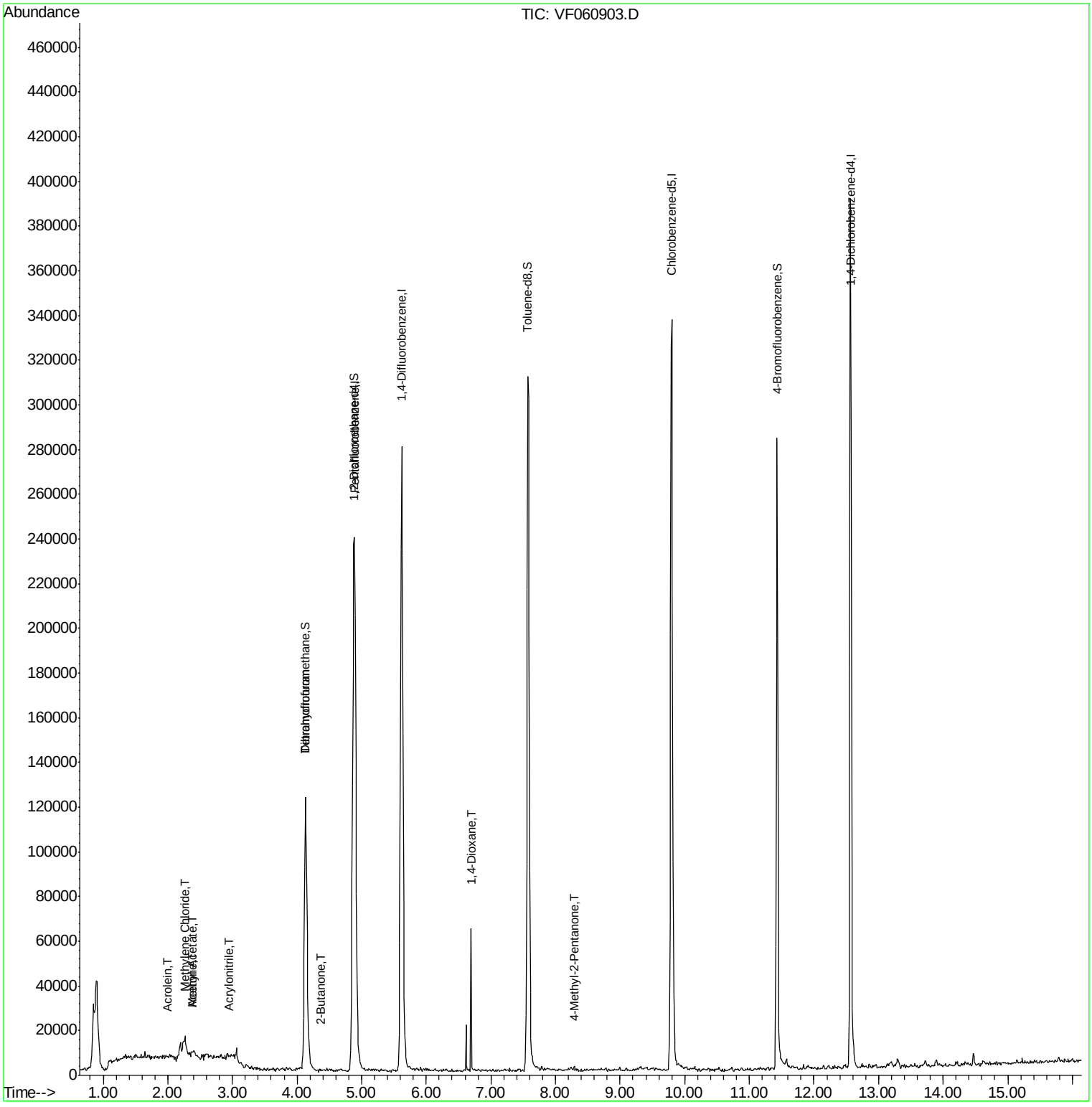
(#) = qualifier out of range (m) = manual integration (+) = signals summed

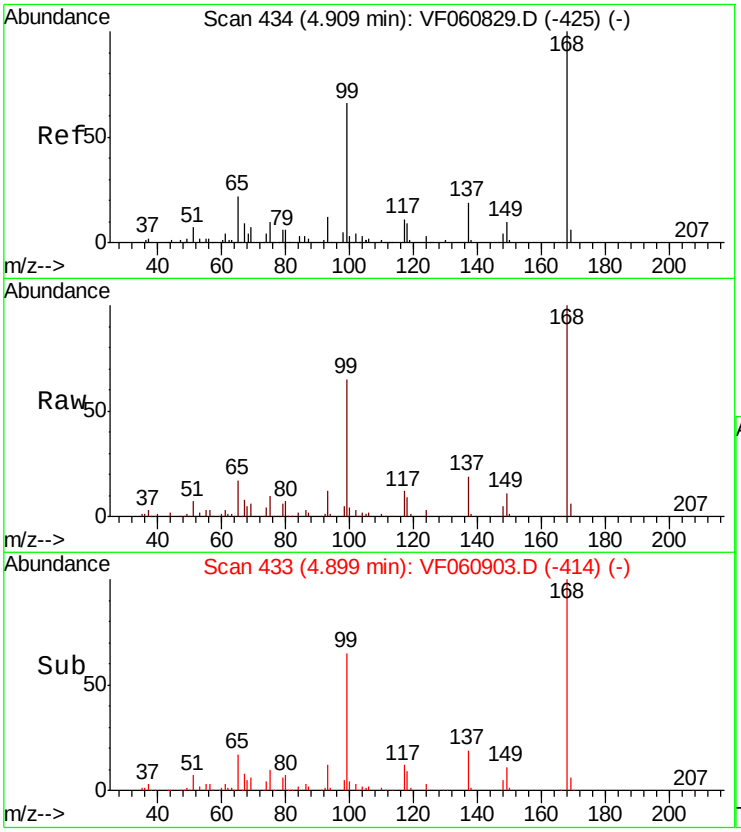
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120318\
Data File : VF060903.D
Acq On : 3 Dec 2018 20:46
Operator : VA/AP
Sample : J6148-03
Misc : 5.35g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-MH-J

Quant Time: Dec 04 03:12:44 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



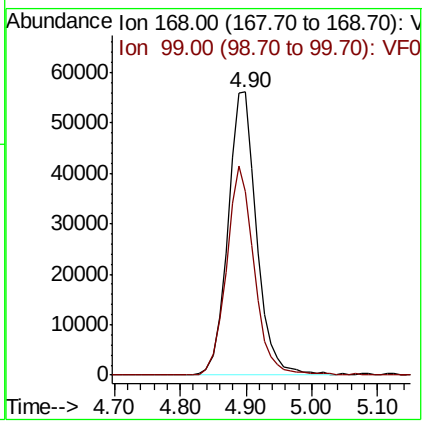


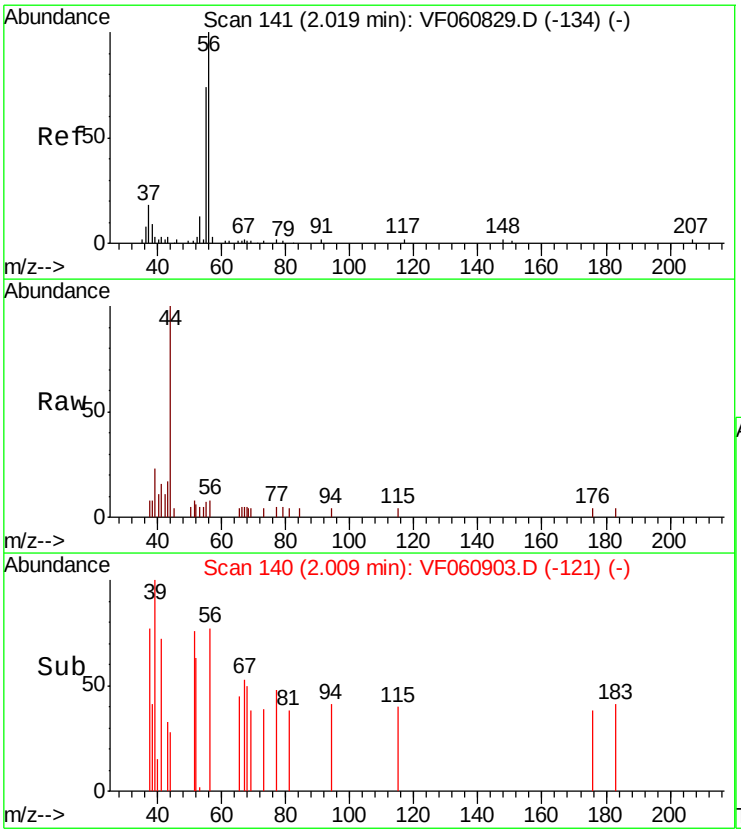
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.90 min Scan# 433
Delta R.T. -0.01 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Instrument :
MSVOA_F
ClientSampleId :
TP-MH-J

Tgt Ion:168 Resp: 171715

Ion	Ratio	Lower	Upper
168	100		
99	64.8	52.6	79.0

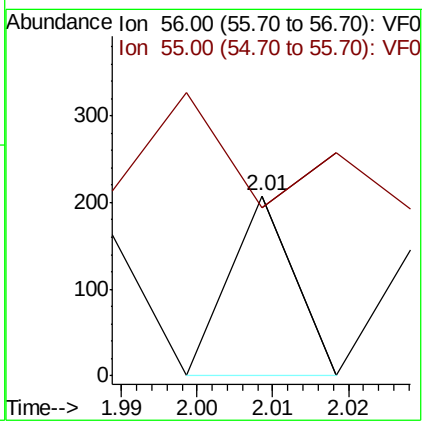


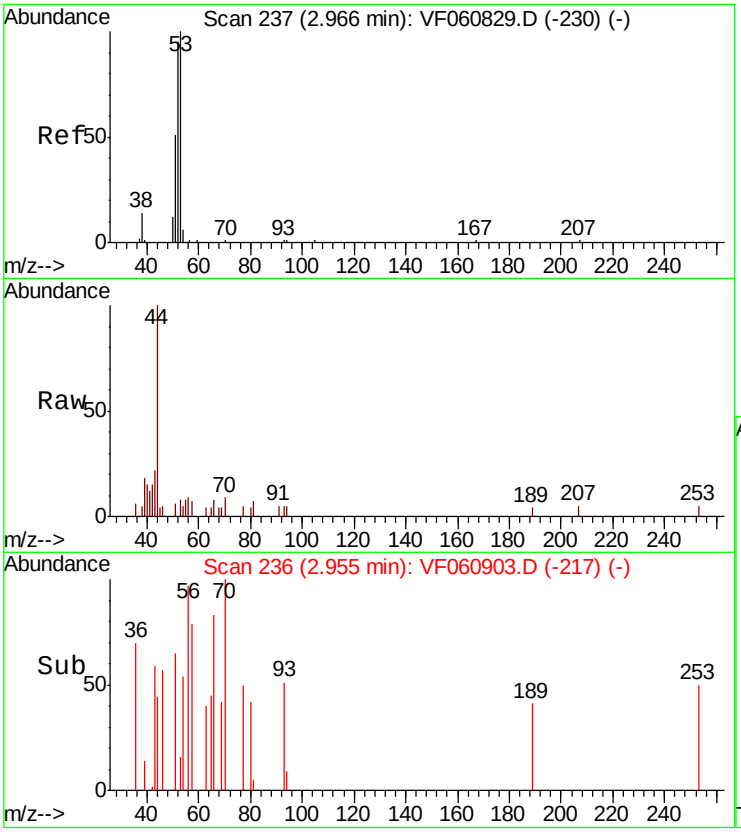


#13
Acrolein
Concen: 1.566 ug/l
RT: 2.01 min Scan# 140
Delta R.T. -0.01 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Tgt Ion: 56 Resp: 123

Ion	Ratio	Lower	Upper
56	100		
55	93.3	61.2	91.8#



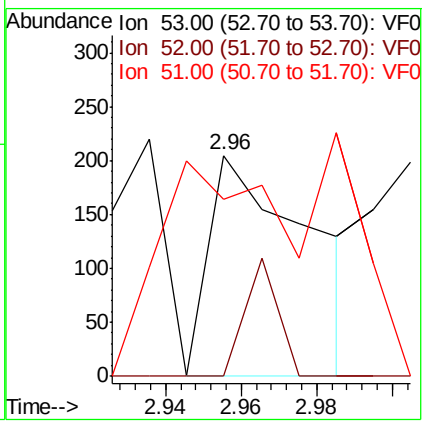


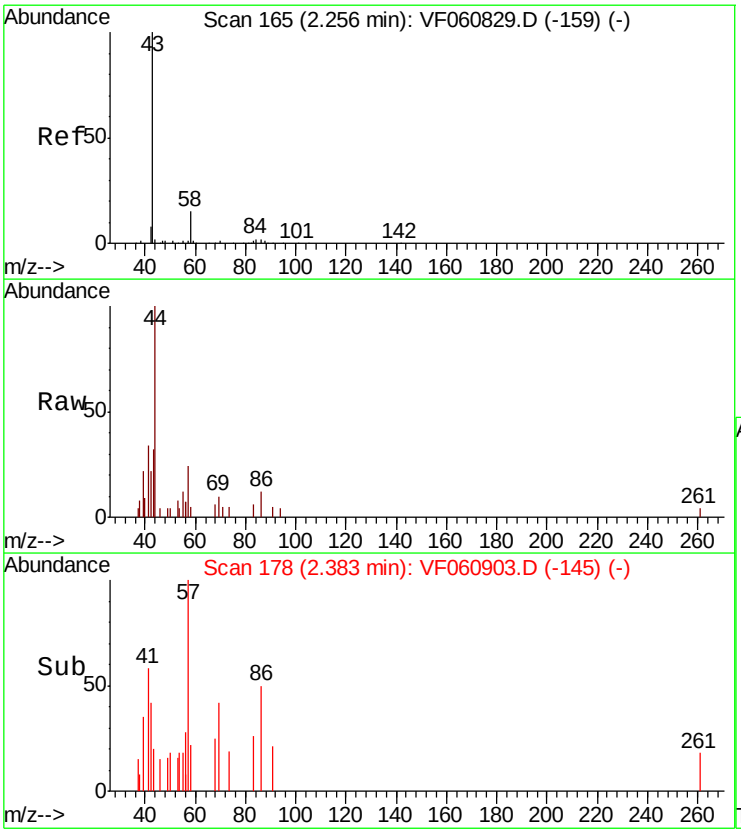
#15
Acrylonitrile
Concen: 2.006 ug/l
RT: 2.96 min Scan# 236
Delta R.T. -0.01 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Instrument :
MSVOA_F
ClientSampleId :
TP-MH-J

Tgt Ion: 53 Resp: 373

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	80.0	40.7	61.1#

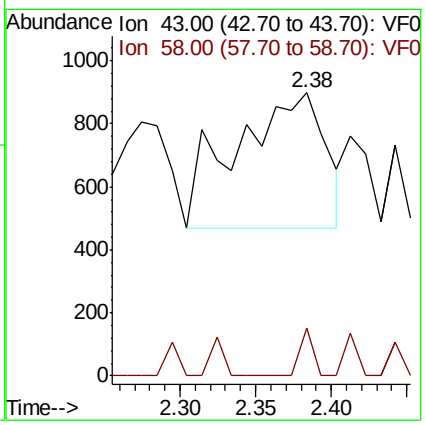


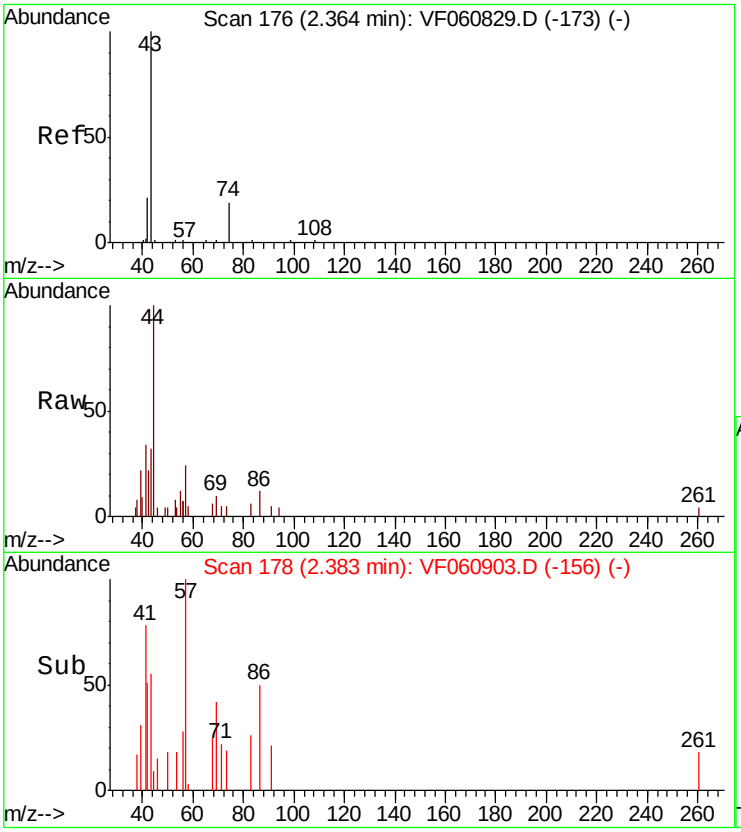


#16
Acetone
Concen: 4.715 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.13 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Tgt Ion: 43 Resp: 1759

Ion	Ratio	Lower	Upper
43	100		
58	16.8	11.4	17.2



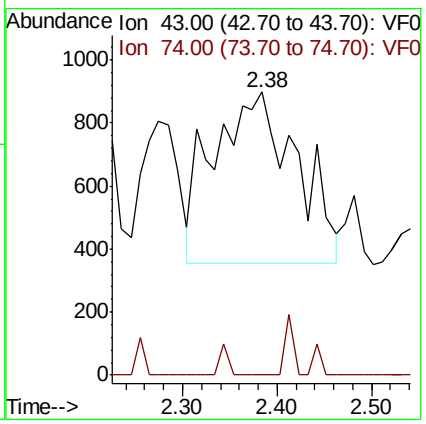


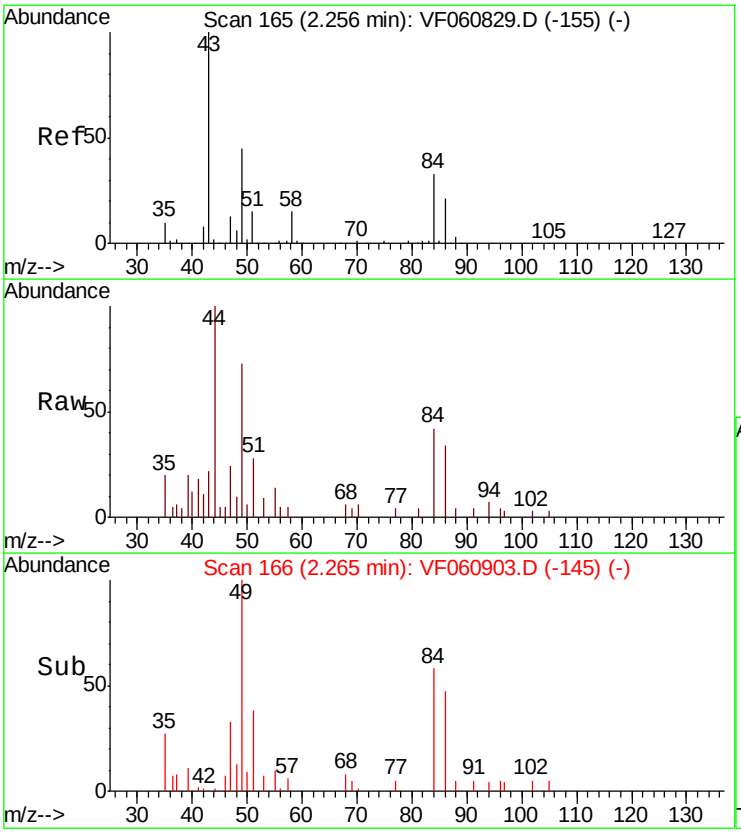
#18
Methyl Acetate
Concen: 3.794 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.02 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Instrument : MSVOA_F
ClientSampleId : TP-MH-J

Tgt Ion: 43 Resp: 3329

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#

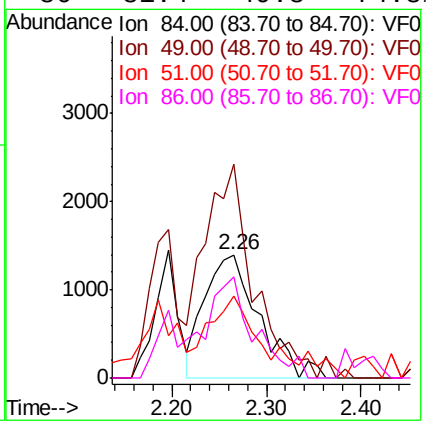


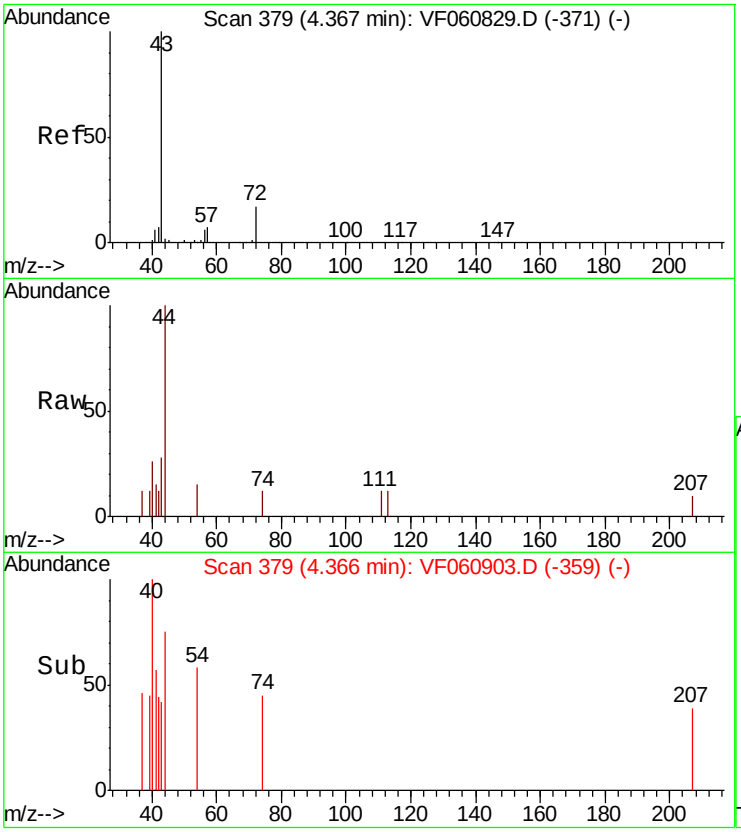


#20
Methylene Chloride
Concen: 4.101 ug/l
RT: 2.26 min Scan# 166
Delta R.T. 0.01 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Tgt Ion: 84 Resp: 5612

Ion	Ratio	Lower	Upper
84	100		
49	172.9	111.3	166.9#
51	65.9	38.0	57.0#
86	81.4	49.8	74.8#



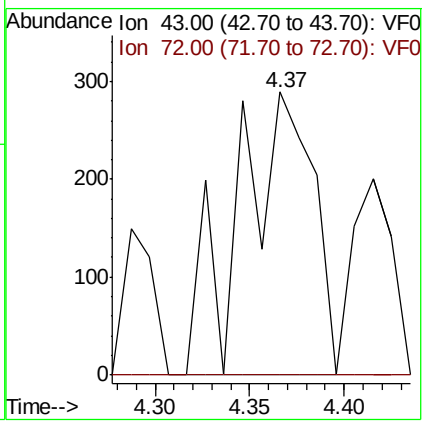


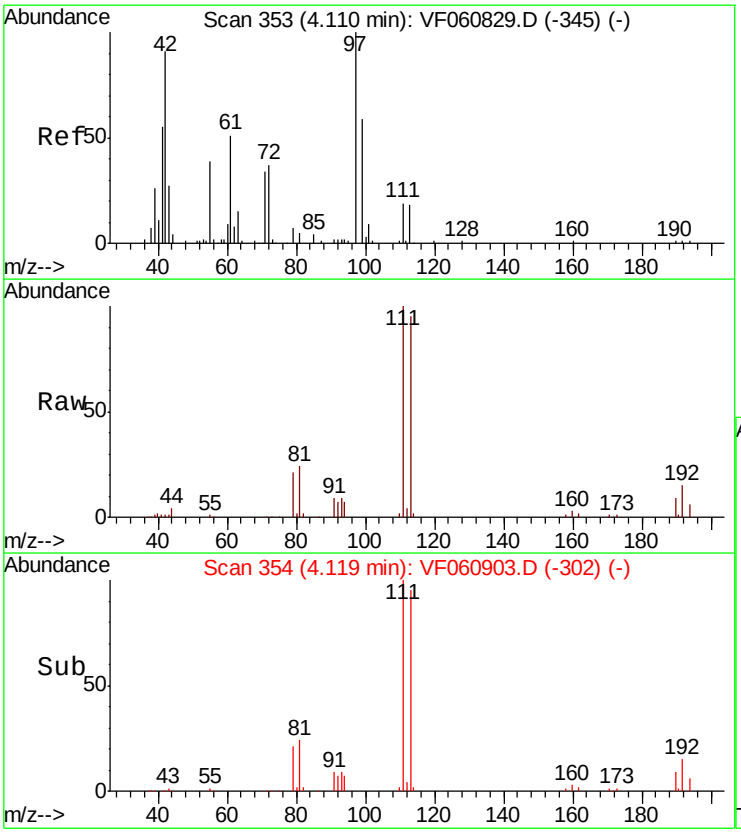
#25
2-Butanone
Concen: 1.231 ug/l
RT: 4.37 min Scan# 379
Delta R.T. -0.00 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Instrument :
MSVOA_F
ClientSampleId :
TP-MH-J

Tgt Ion: 43 Resp: 794

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#

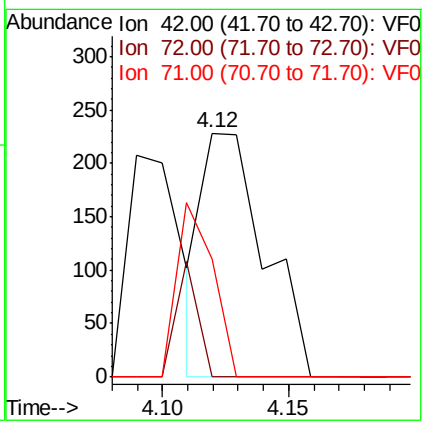


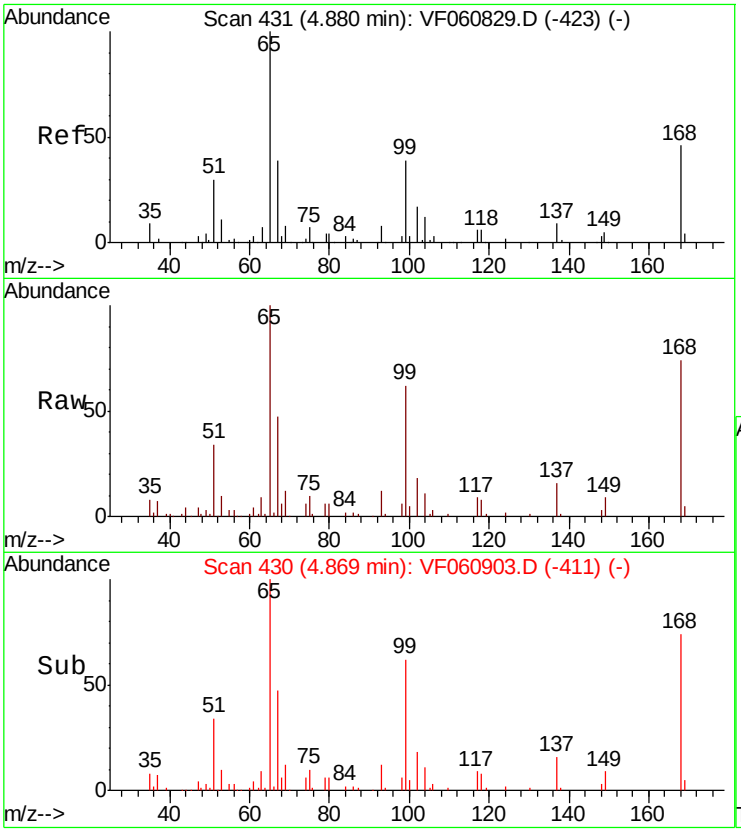


#29
Tetrahydrofuran
Concen: 1.444 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Tgt Ion: 42 Resp: 395

Ion	Ratio	Lower	Upper
42	100		
72	16.2	31.9	47.9#
71	41.0	28.7	43.1



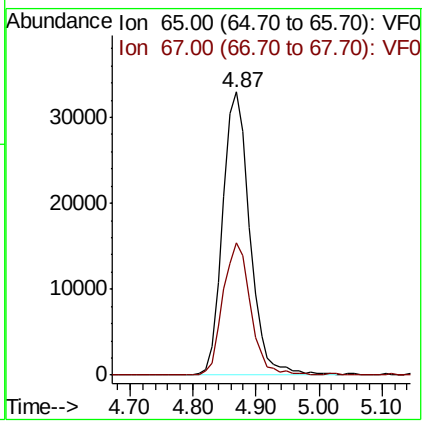


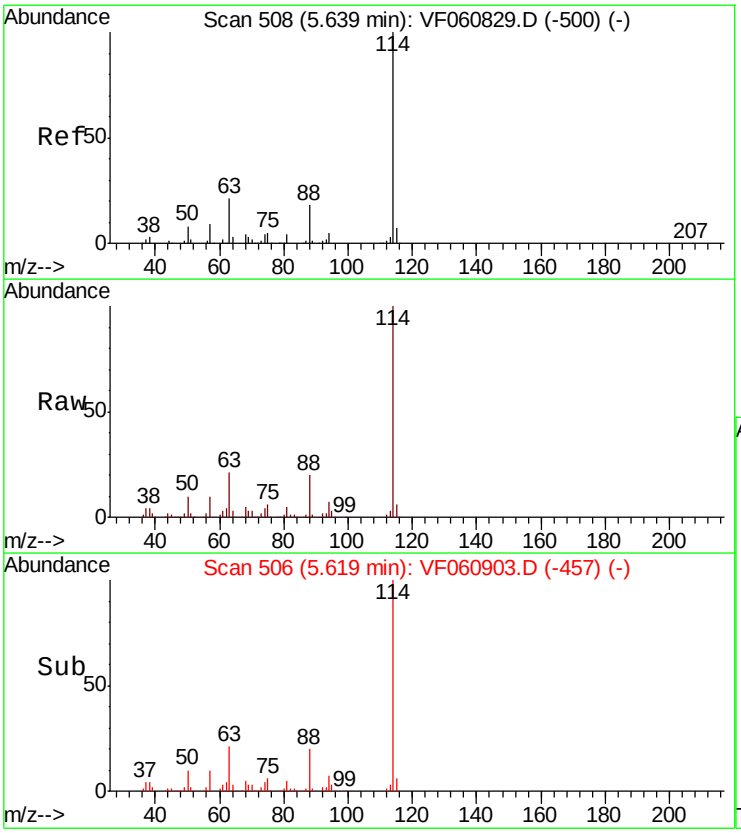
#33
1,2-Dichloroethane-d4
Concen: 48.642 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.01 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Instrument :
MSVOA_F
ClientSampleId :
TP-MH-J

Tgt Ion: 65 Resp: 98396

Ion	Ratio	Lower	Upper
65	100		
67	47.0	0.0	96.4

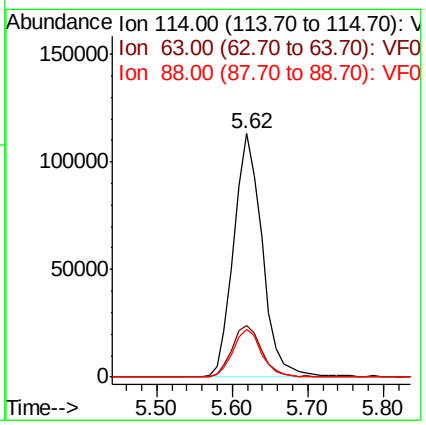


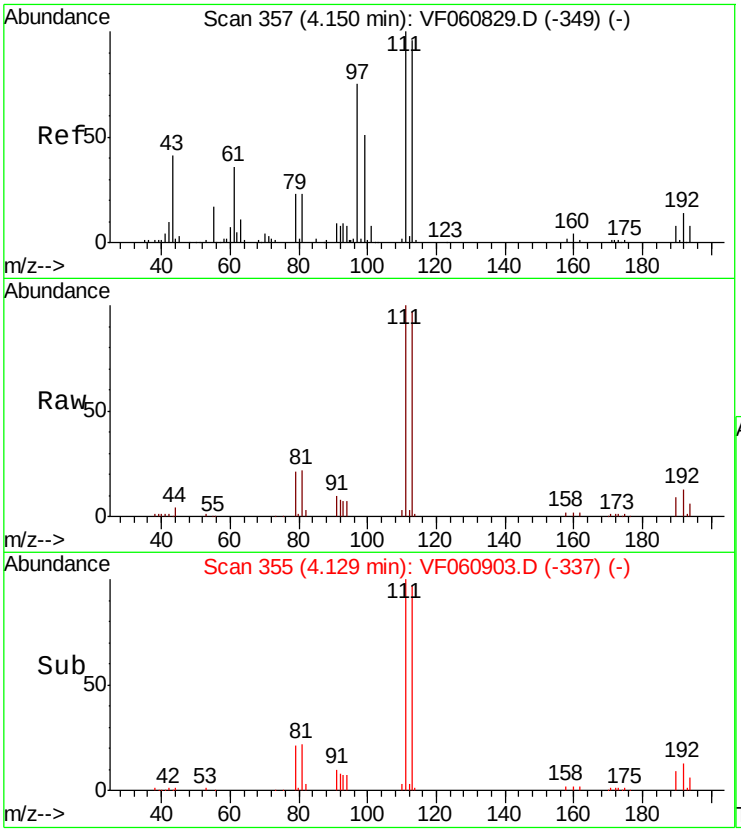


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.02 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Tgt Ion:114 Resp: 295522

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	41.6
88	19.6	0.0	36.6



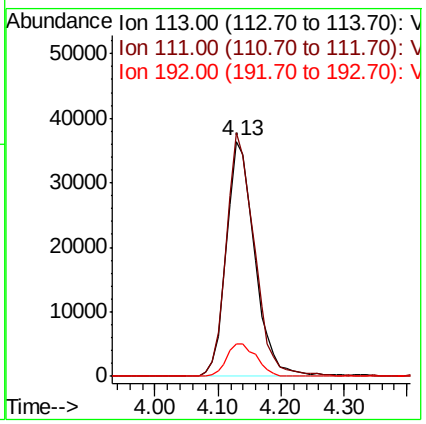


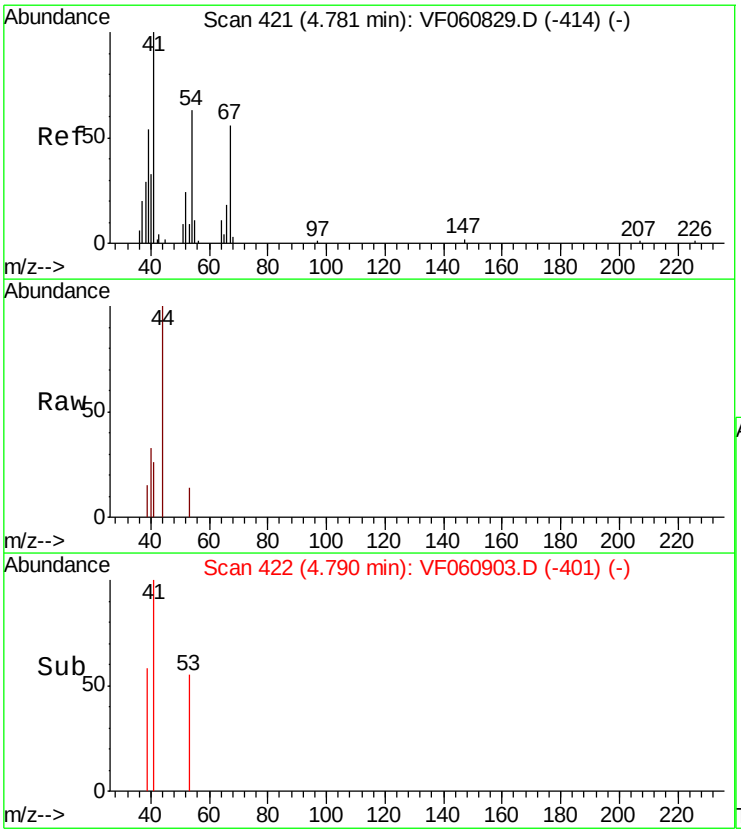
#35
Dibromofluoromethane
Concen: 48.322 ug/l
RT: 4.13 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Instrument :
MSVOA_F
ClientSampleId :
TP-MH-J

Tgt Ion:113 Resp: 113289

Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.0	124.6
192	13.9	12.3	18.5

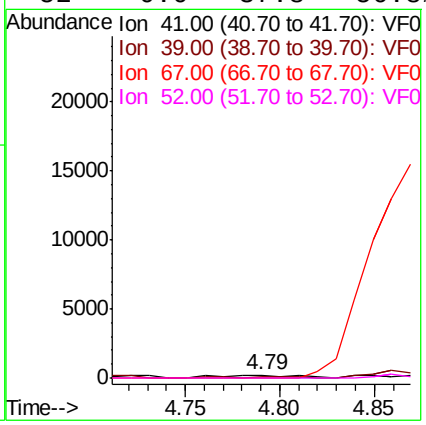


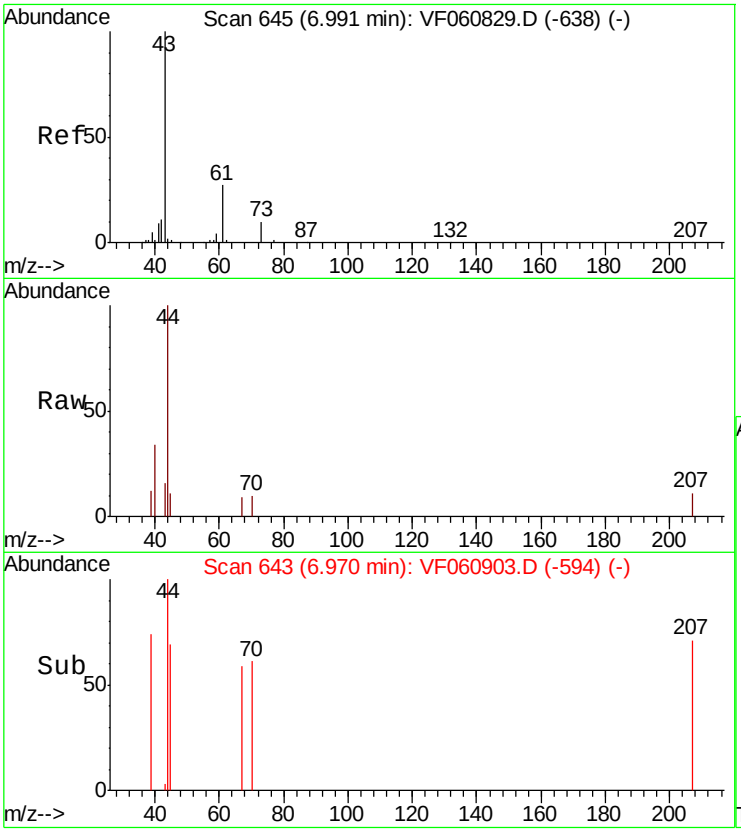


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.79 min Scan# 422
Delta R.T. 0.01 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Tgt Ion: 41 Resp: 594

Ion	Ratio	Lower	Upper
41	100		
39	57.9	53.0	79.6
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#



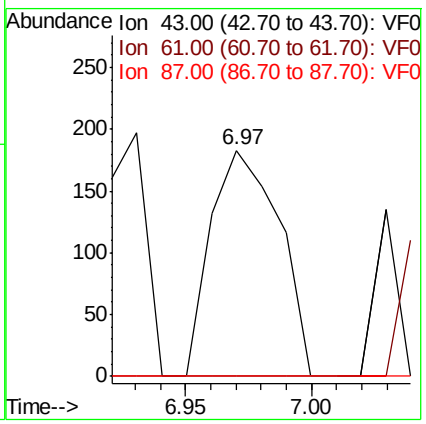


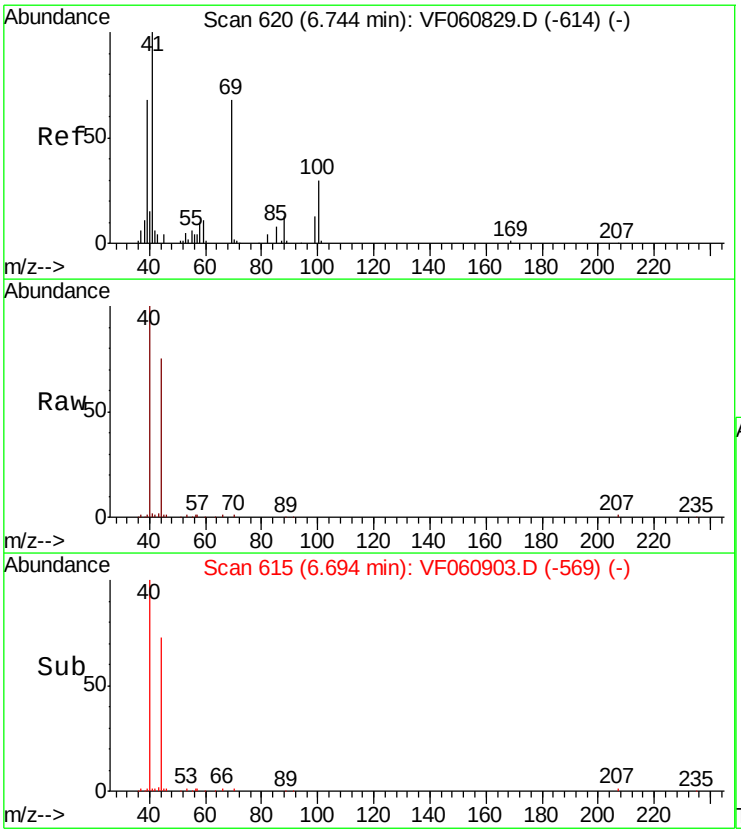
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.97 min Scan# 643
Delta R.T. -0.02 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Instrument : MSVOA_F
ClientSampleId : TP-MH-J

Tgt Ion: 43 Resp: 346

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

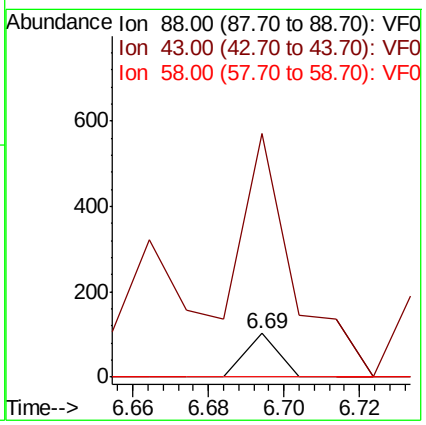


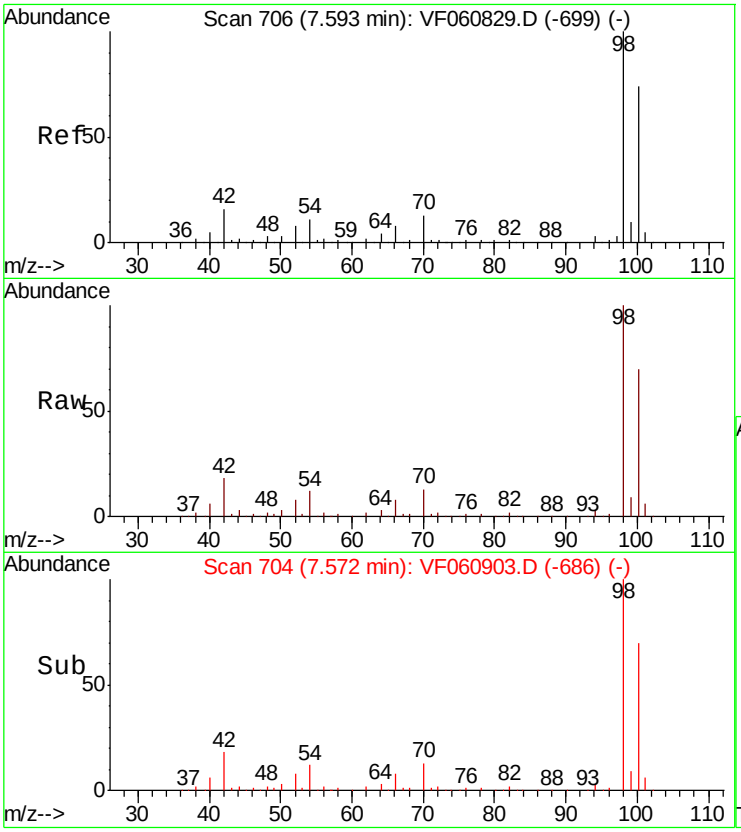


#49
1,4-Dioxane
Concen: 6.913 ug/l
RT: 6.69 min Scan# 615
Delta R.T. -0.05 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	554.4	42.0	63.0#
58	0.0	61.8	92.8#



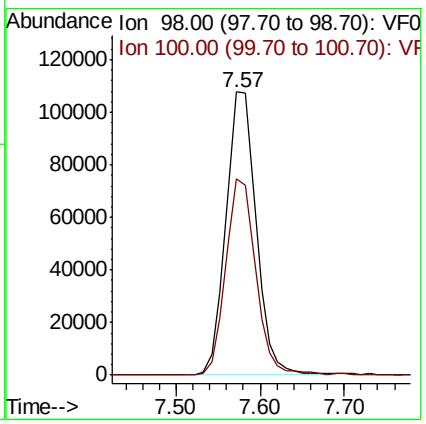


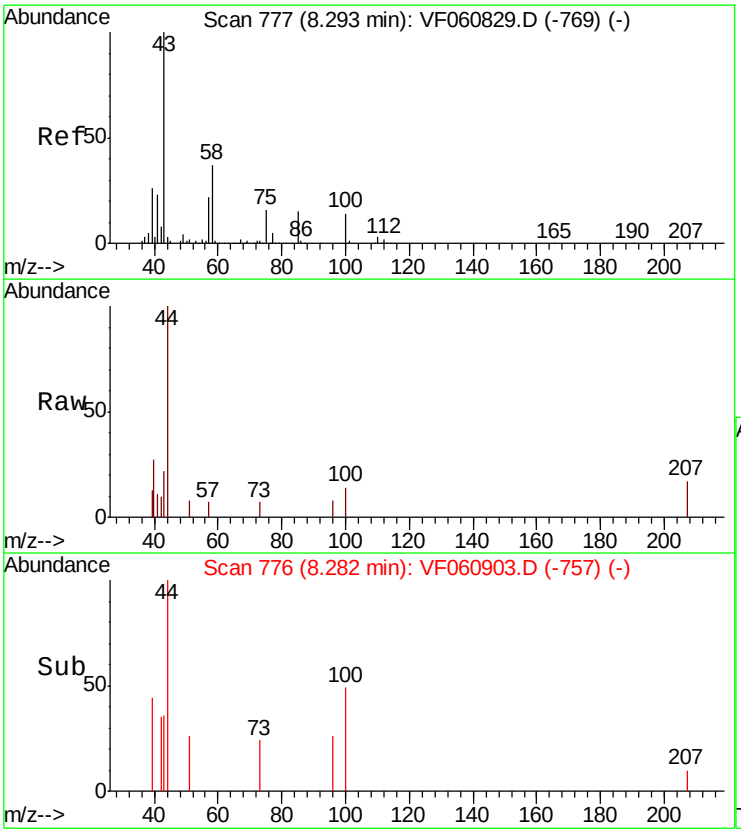
#50
Toluene-d8
Concen: 39.320 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Instrument : MSVOA_F
ClientSampleId : TP-MH-J

Tgt Ion: 98 Resp: 271546

Ion	Ratio	Lower	Upper
98	100		
100	69.5	59.3	88.9

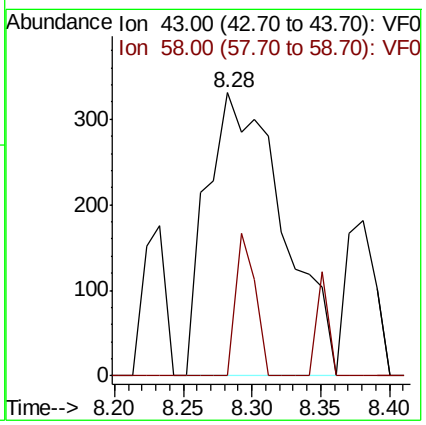


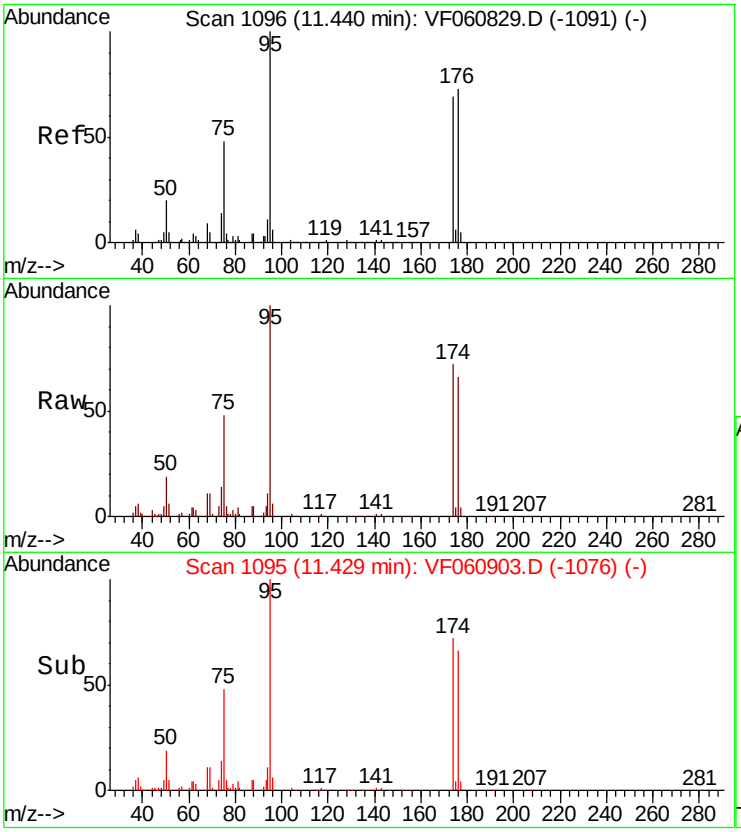


#51
4-Methyl-2-Pentanone
Concen: 1.037 ug/l
RT: 8.28 min Scan# 776
Delta R.T. -0.01 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Tgt Ion: 43 Resp: 1274

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#



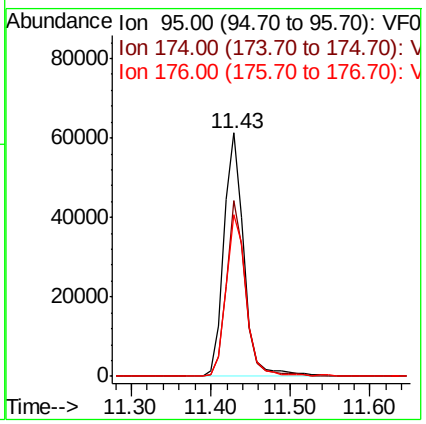


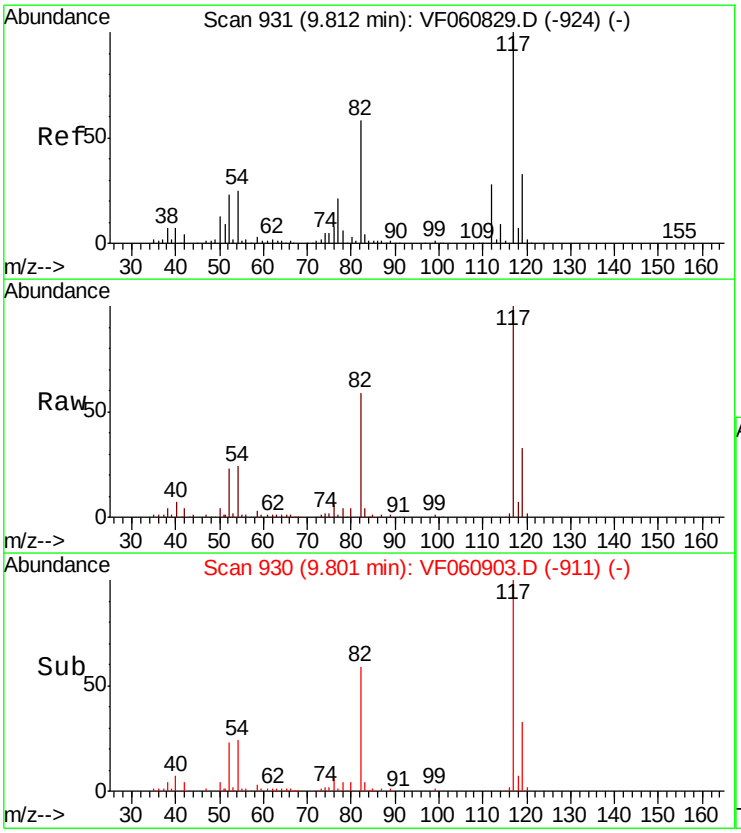
#62
4-Bromofluorobenzene
Concen: 34.816 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Instrument :
MSVOA_F
ClientSampleId :
TP-MH-J

Tgt Ion: 95 Resp: 109278

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	138.2
176	66.4	0.0	146.2

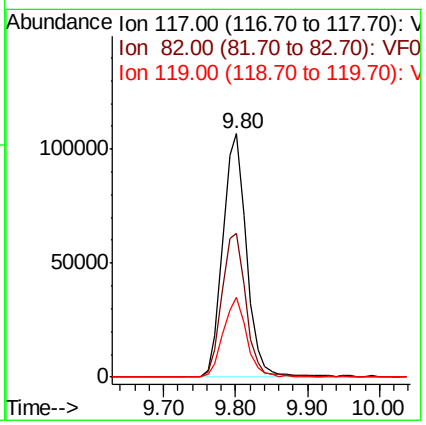


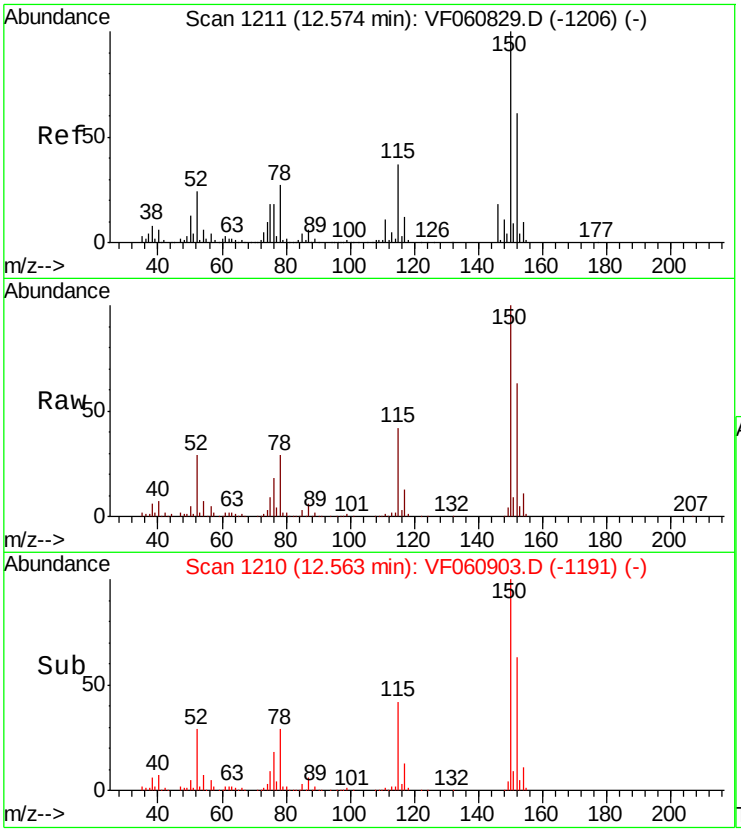


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Tgt Ion:117 Resp: 244352

Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.6	69.8
119	32.7	26.4	39.6



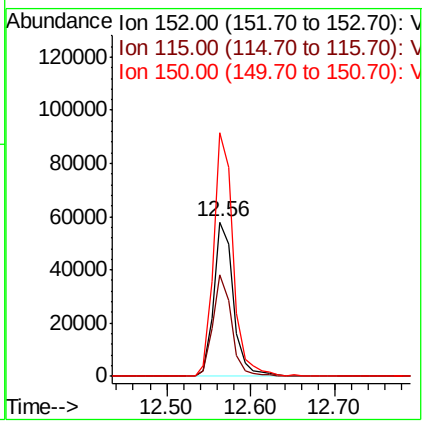


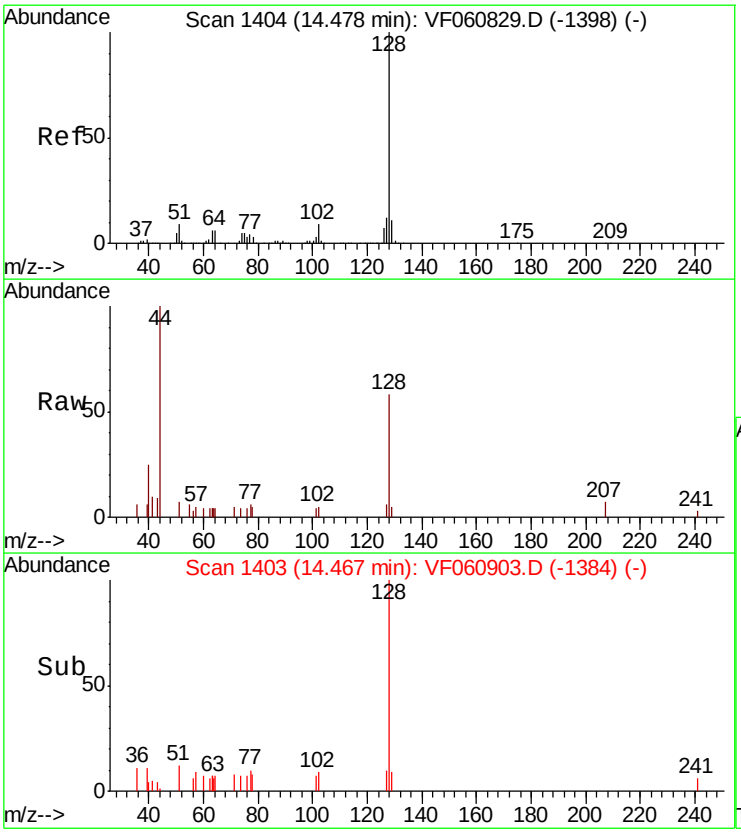
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Instrument : MSVOA_F
ClientSampleId : TP-MH-J

Tgt Ion:152 Resp: 93773

Ion	Ratio	Lower	Upper
152	100		
115	65.9	30.1	90.5
150	157.6	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.47 min Scan# 1403
Delta R.T. -0.01 min
Lab File: VF060903.D
Acq: 3 Dec 2018 20:46

Tgt Ion:128 Resp: 2680

Ion	Ratio	Lower	Upper
128	100		
127	9.7	9.9	14.9#
129	9.4	9.1	13.7