Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
Data File : VF061053.D
Acq On : 17 Dec 2018 21:17
Operator : VA/AP
Sample : J6391-16RE
Misc : 3.00g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 18 03:10:25 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	148902	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	241912	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	167087	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	42751	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	109532	62.44	ug/l	-0.02
Spiked Amount 50.000			Recovery = 124.88%			
35) Dibromofluoromethane	4.13	113	111335	58.01	ug/l	-0.02
Spiked Amount 50.000			Recovery = 116.02%			
50) Toluene-d8	7.57	98	235044	41.58	ug/l	-0.02
Spiked Amount 50.000			Recovery = 83.16%			
62) 4-Bromofluorobenzene	11.43	95	64835	25.23	ug/l	-0.01
Spiked Amount 50.000			Recovery = 50.46%			
Target Compounds						Qvalue
13) Acrolein	2.00	56	163	2.393	ug/l #	1
15) Acrylonitrile	2.96	53	1039	6.445	ug/l #	45
16) Acetone	2.25	43	2515	7.775	ug/l #	91
25) 2-Butanone	4.35	43	1178	2.105	ug/l #	57
29) Tetrahydrofuran	4.11	42	384	1.619	ug/l #	37
40) Benzene	4.65	78	7280	1.228	ug/l #	87
41) Methacrylonitrile	4.75	41	672	Below Cal	#	23
43) Isopropyl Acetate	6.96	43	137	Below Cal	#	49
59) 2-Hexanone	9.50	43	1099	1.558	ug/l #	27
95) Naphthalene	14.47	128	2254	Below Cal	#	82

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

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MSVOA_F
ClientSampleId :

Quant Time: Dec 18 03:10:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
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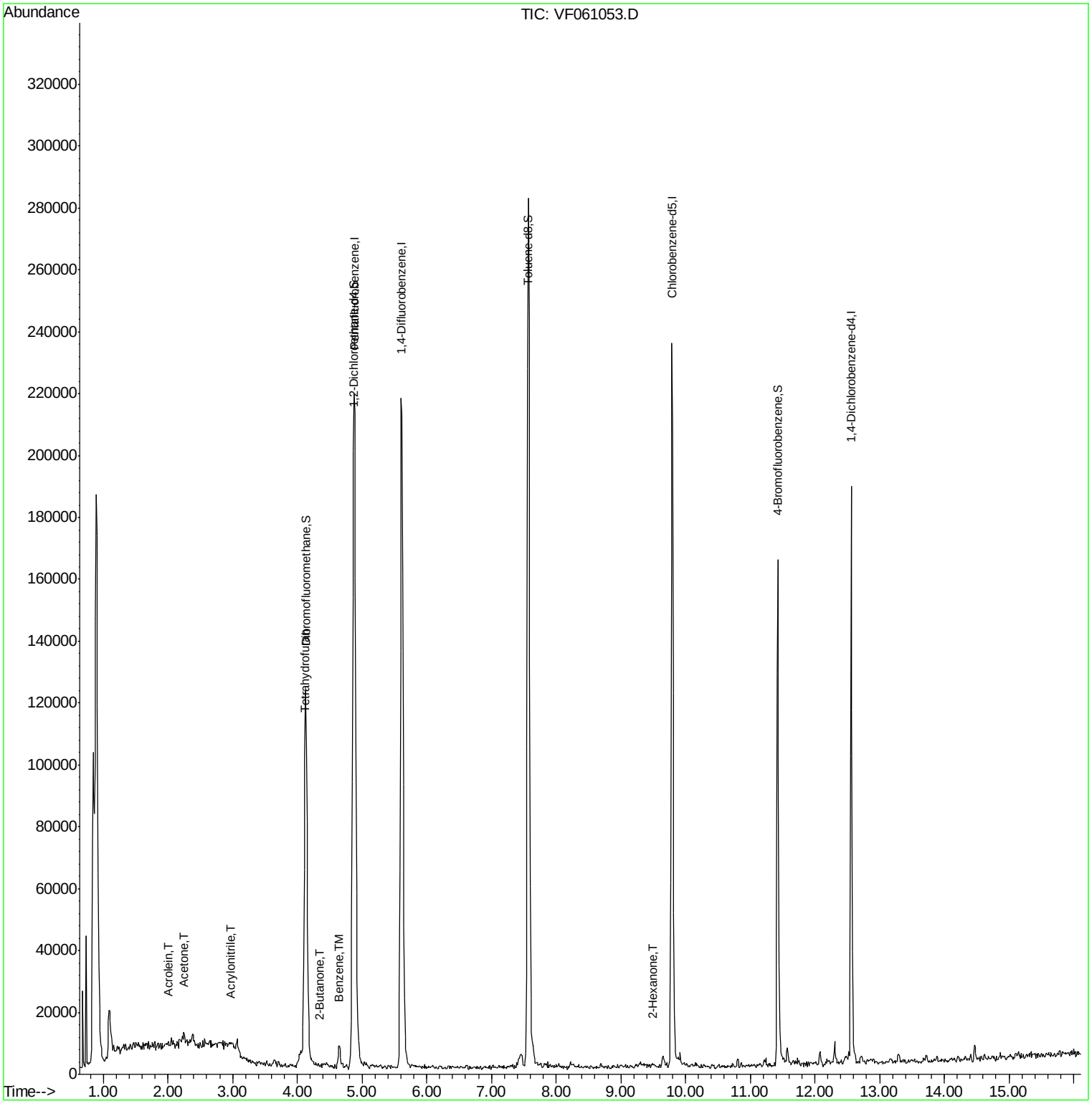
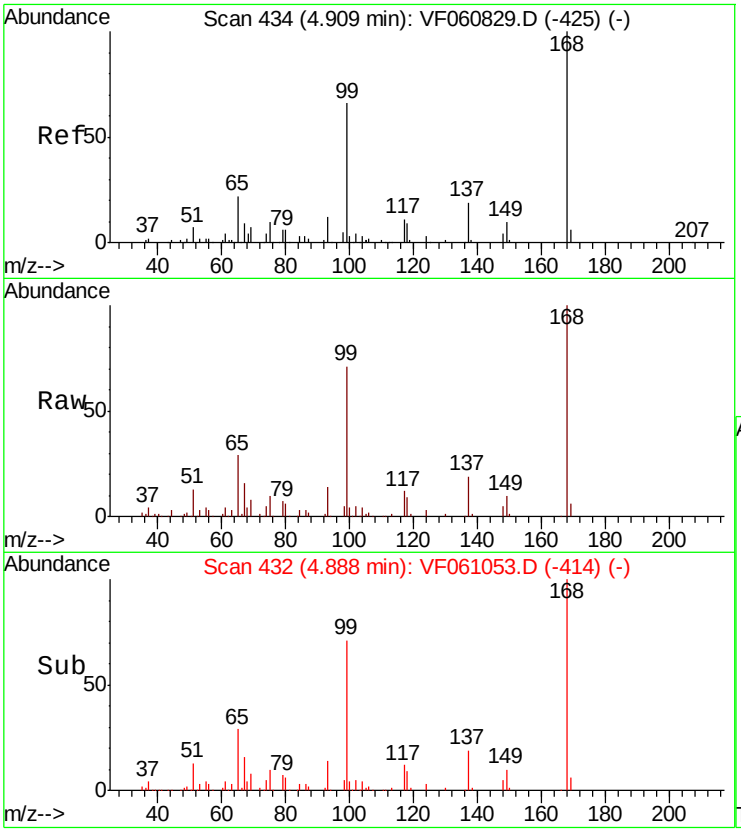


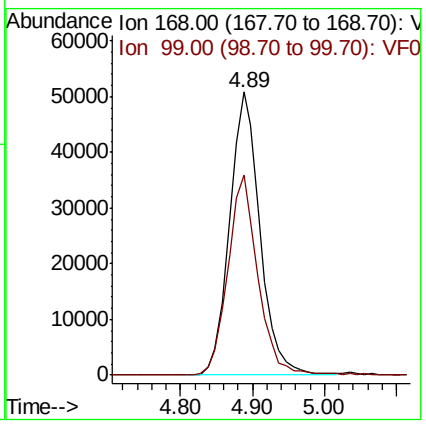


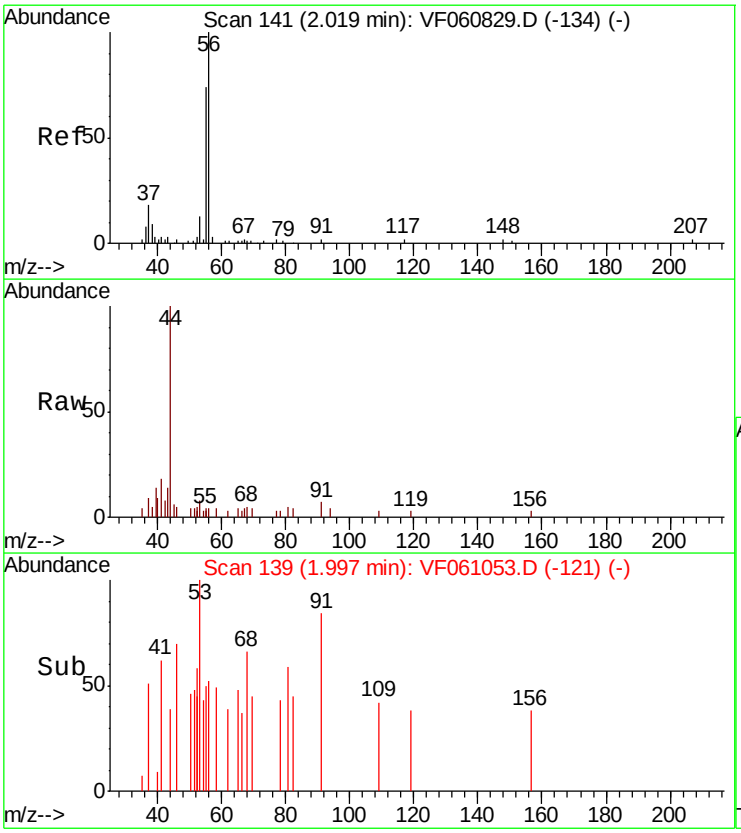
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. -0.02 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 148902

Ion	Ratio	Lower	Upper
168	100		
99	70.6	52.6	79.0

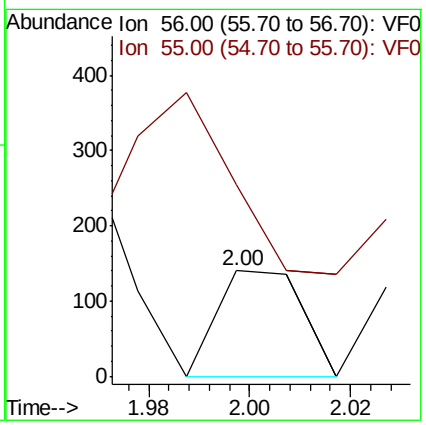


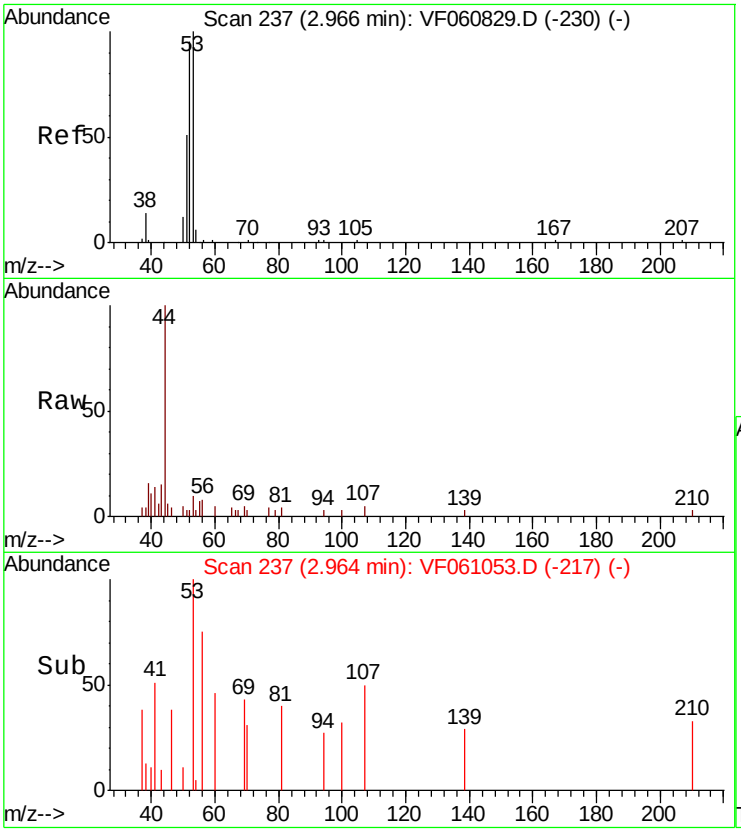


#13
Acrolein
Concen: 2.393 ug/l
RT: 2.00 min Scan# 139
Delta R.T. -0.02 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Tgt Ion: 56 Resp: 163

Ion	Ratio	Lower	Upper
56	100		
55	182.1	61.2	91.8#



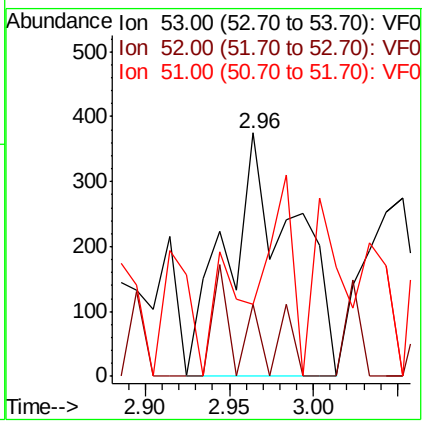


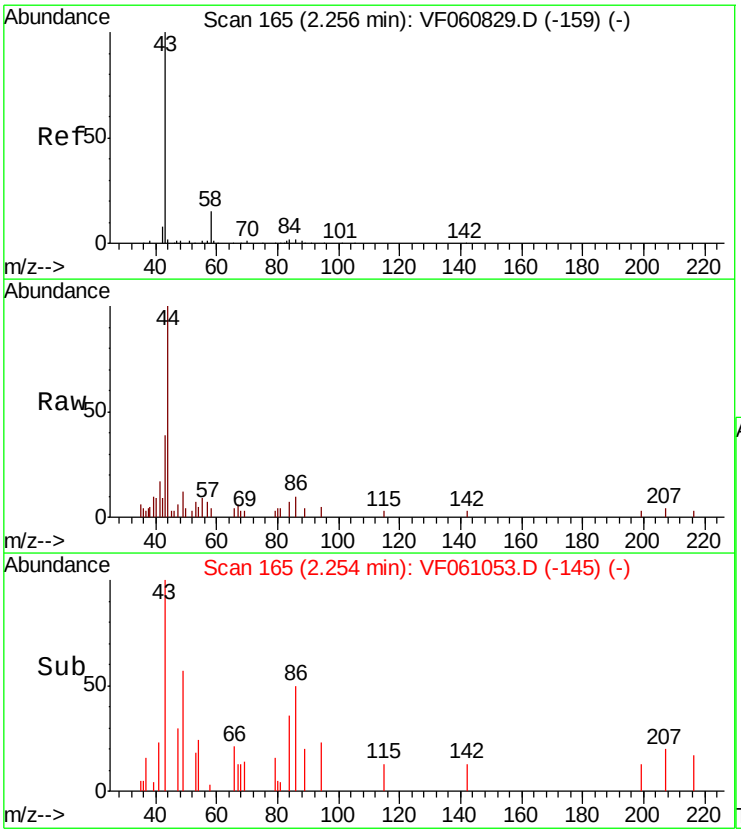
#15
Acrylonitrile
Concen: 6.445 ug/l
RT: 2.96 min Scan# 237
Delta R.T. -0.00 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 1039

Ion	Ratio	Lower	Upper
53	100		
52	29.9	76.5	114.7#
51	29.9	40.7	61.1#

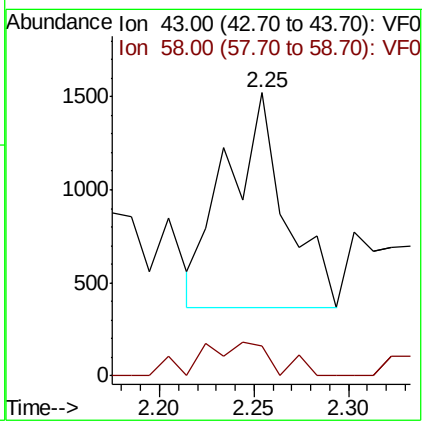


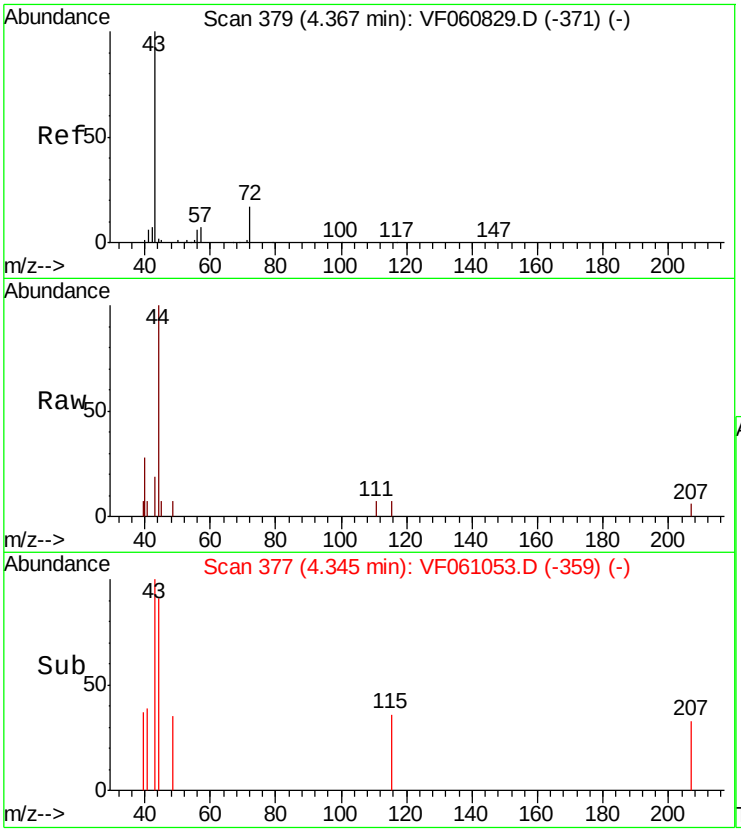


#16
Acetone
Concen: 7.775 ug/l
RT: 2.25 min Scan# 165
Delta R.T. -0.00 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Tgt Ion: 43 Resp: 2515

Ion	Ratio	Lower	Upper
43	100		
58	10.7	11.4	17.2#



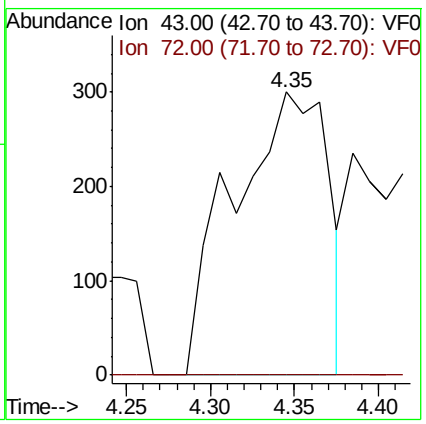


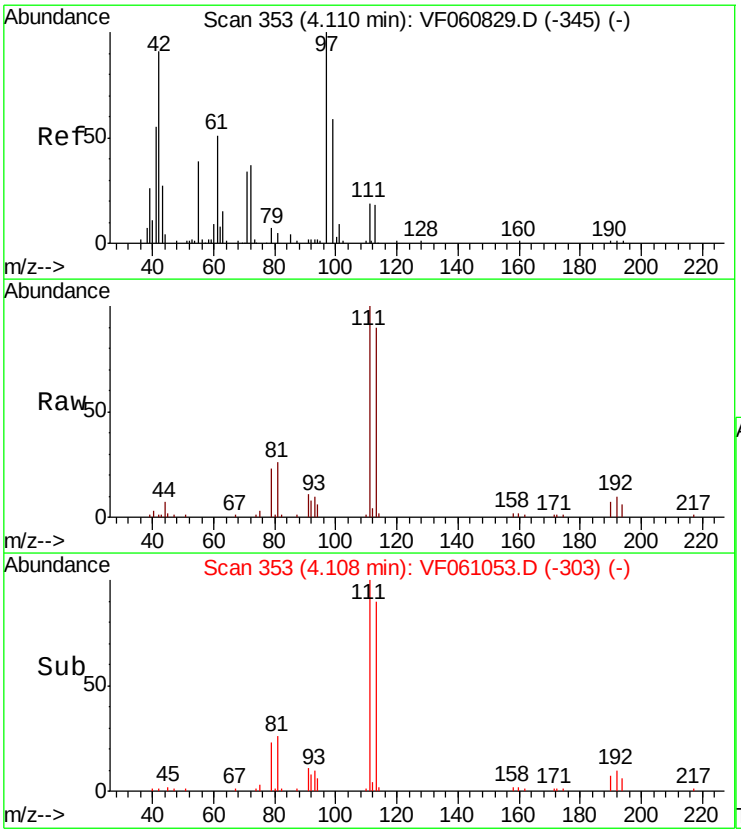
#25
2-Butanone
Concen: 2.105 ug/l
RT: 4.35 min Scan# 377
Delta R.T. -0.02 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1178

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#

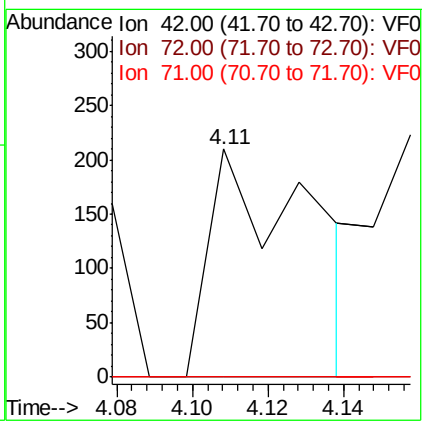


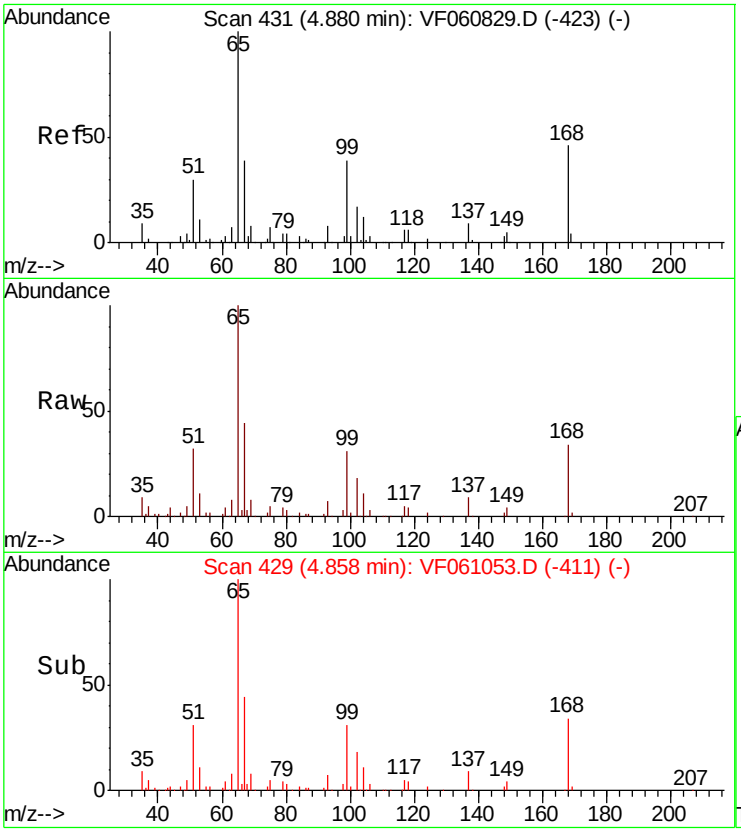


#29
Tetrahydrofuran
Concen: 1.619 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.00 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Tgt Ion: 42 Resp: 384

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



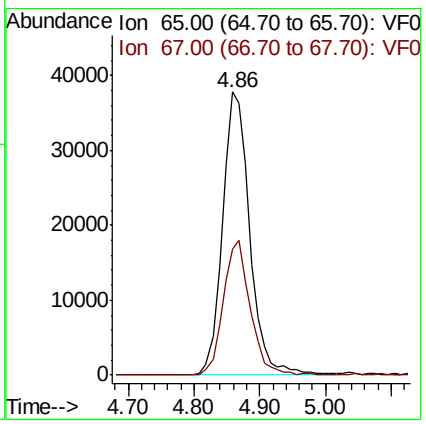


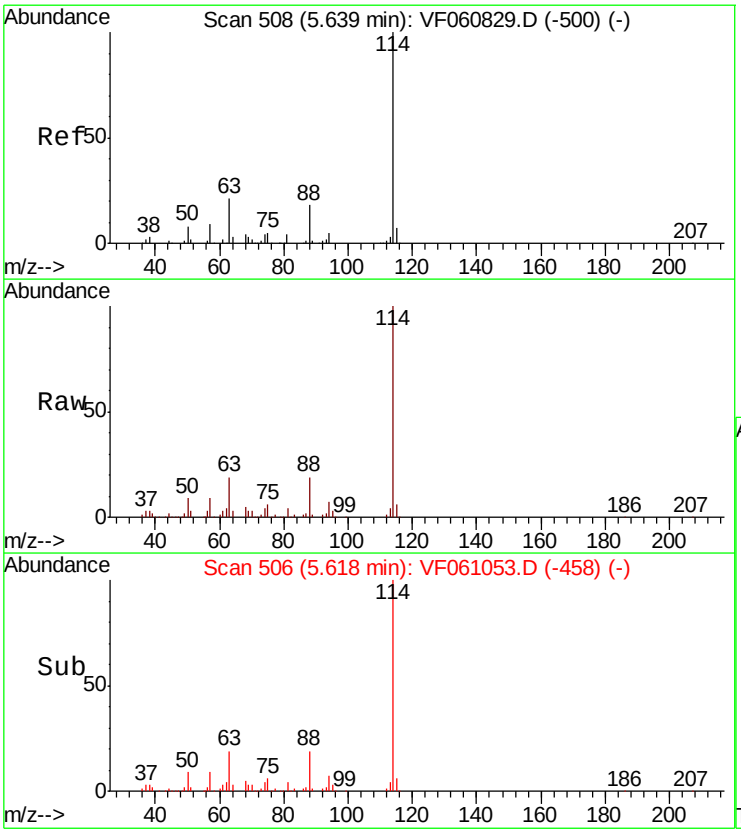
#33
1,2-Dichloroethane-d4
Concen: 62.443 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 109532

Ion	Ratio	Lower	Upper
65	100		
67	44.4	0.0	96.4

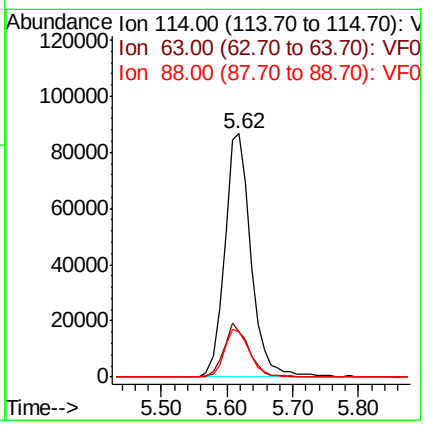


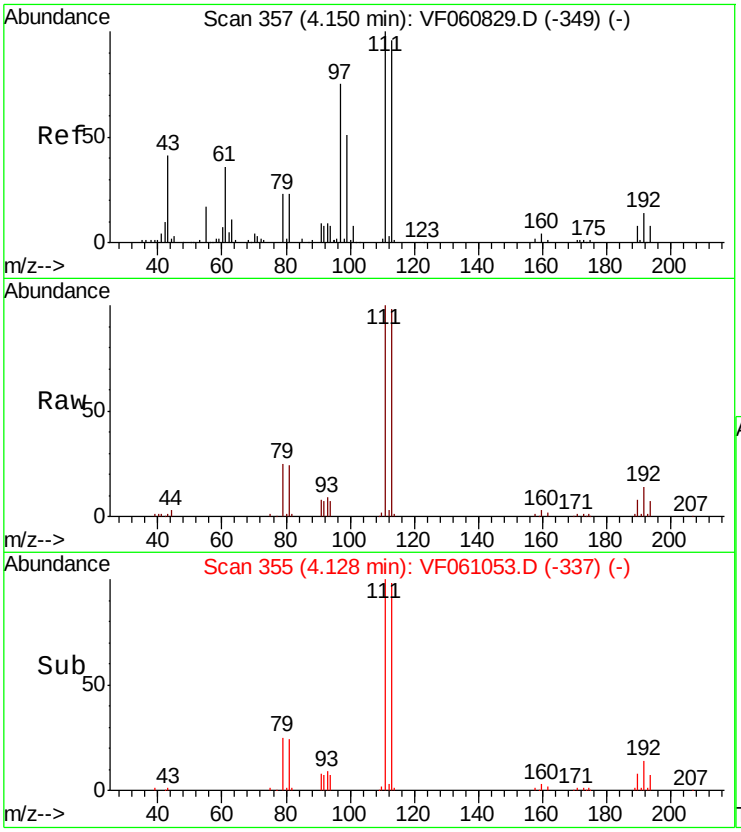


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.02 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Tgt Ion:114 Resp: 241912

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	41.6
88	18.6	0.0	36.6



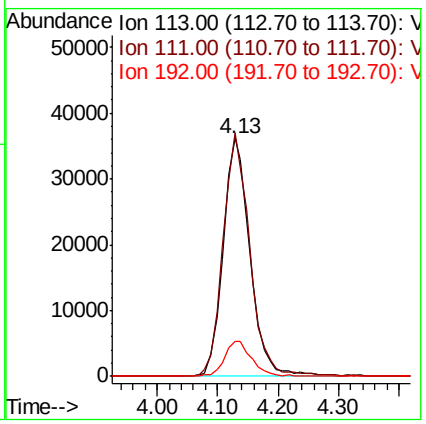


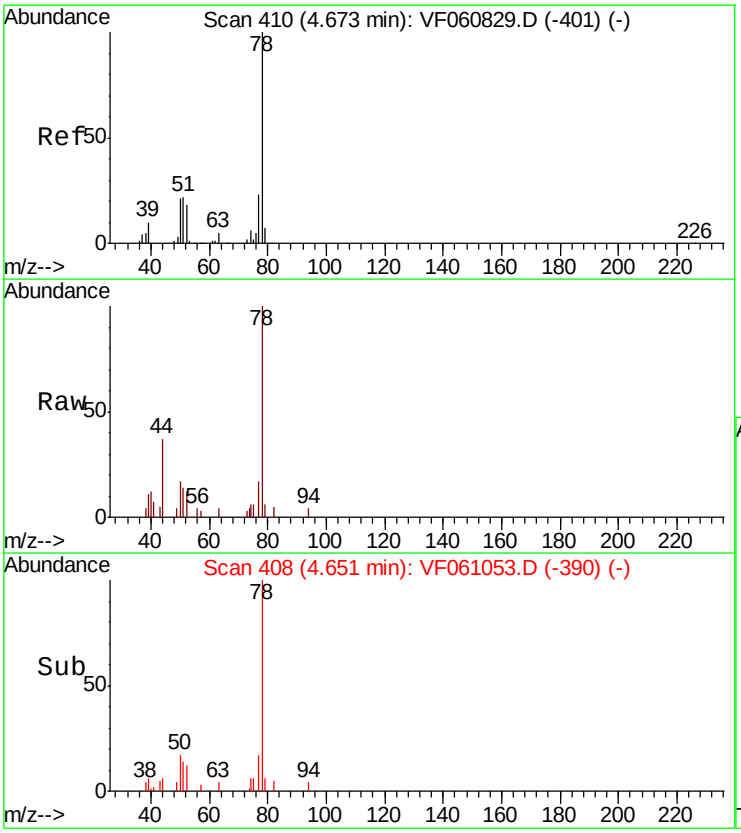
#35
Dibromofluoromethane
Concen: 58.013 ug/l
RT: 4.13 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 111335

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.0	124.6
192	14.6	12.3	18.5

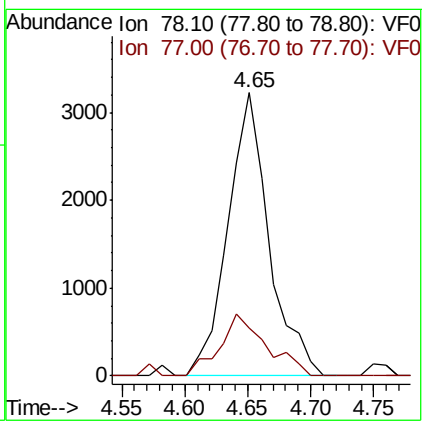


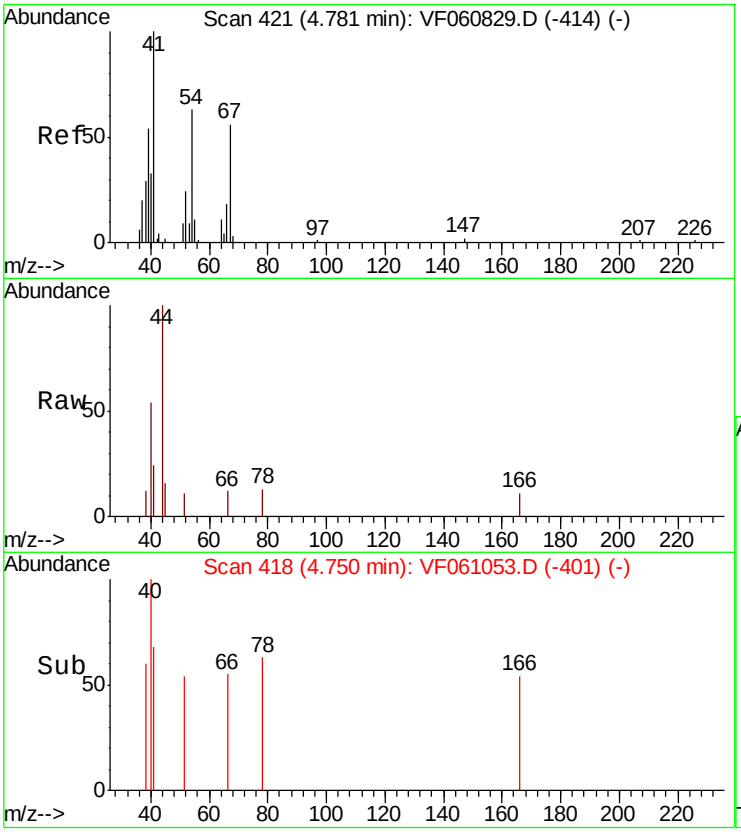


#40
Benzene
Concen: 1.228 ug/l
RT: 4.65 min Scan# 408
Delta R.T. -0.02 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Tgt Ion: 78 Resp: 7280

Ion	Ratio	Lower	Upper
78	100		
77	16.9	18.7	28.1#



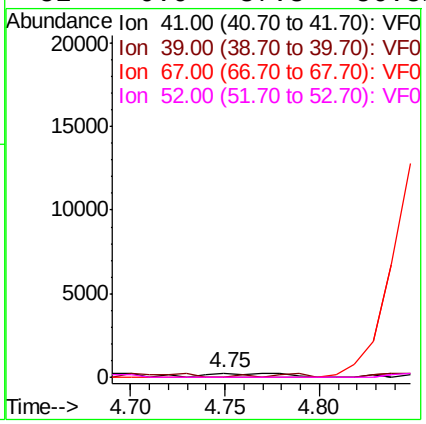


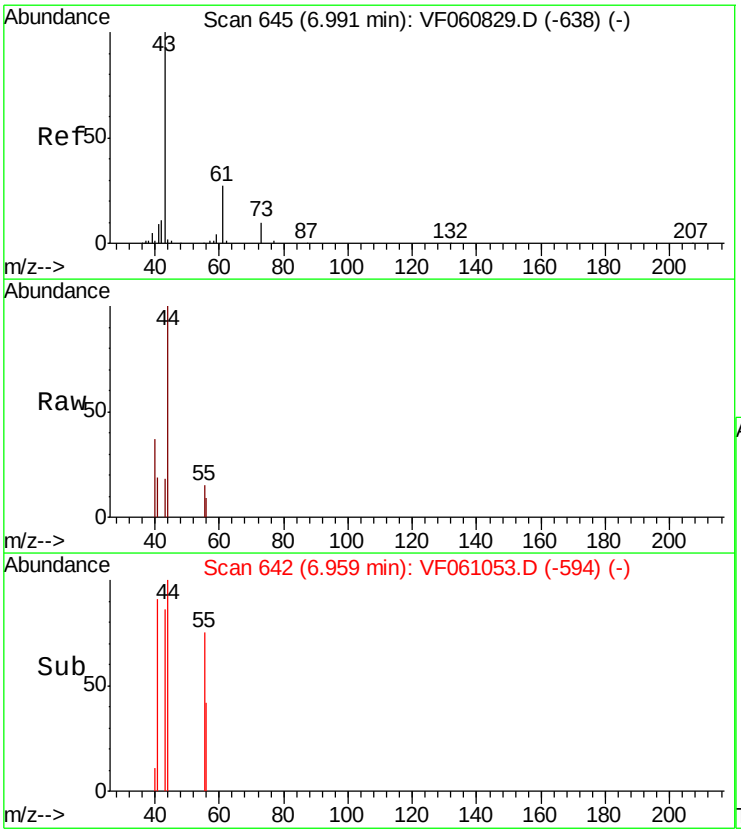
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.75 min Scan# 418
Delta R.T. -0.03 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 672

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#

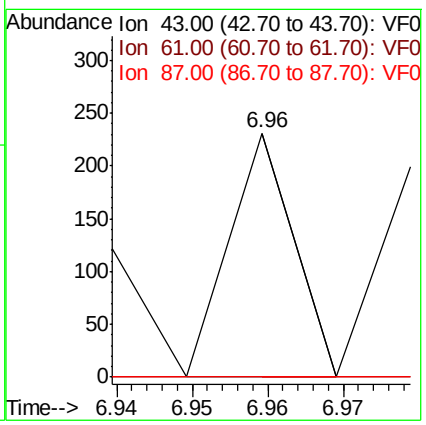


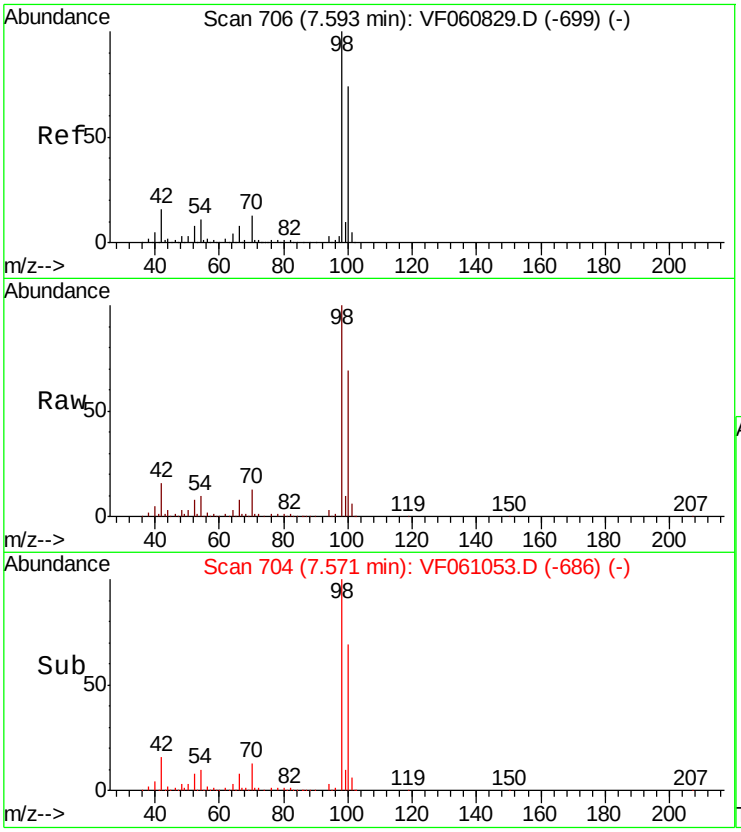


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.96 min Scan# 642
Delta R.T. -0.03 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Tgt Ion: 43 Resp: 137

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



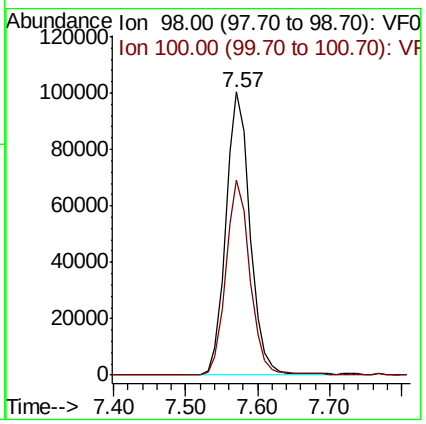


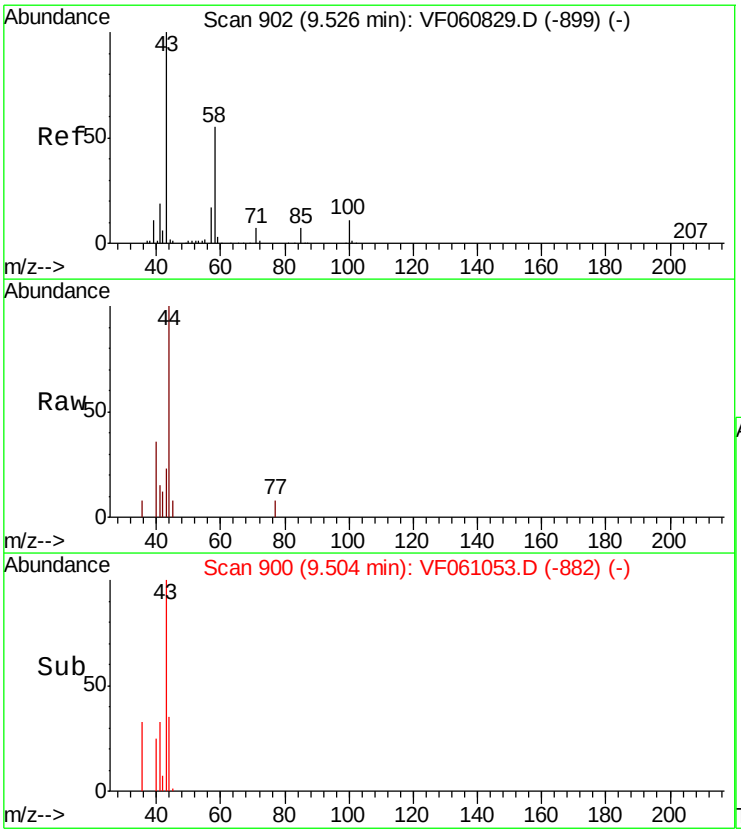
#50
Toluene-d8
Concen: 41.577 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 235044

Ion	Ratio	Lower	Upper
98	100		
100	68.9	59.3	88.9

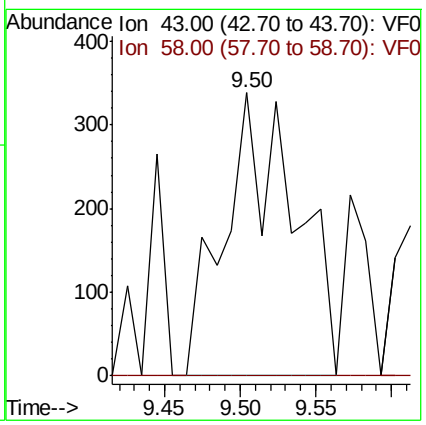


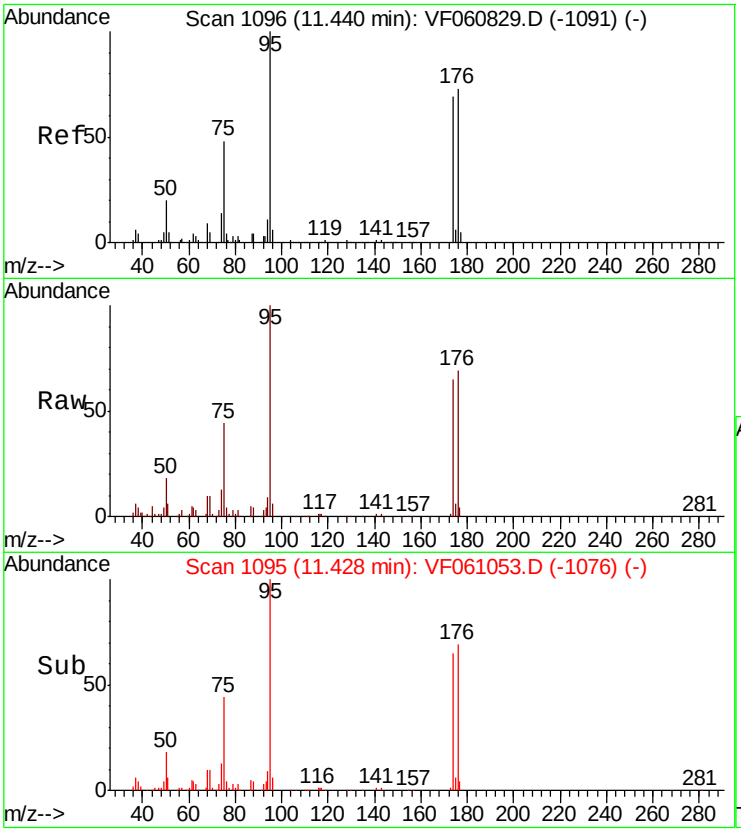


#59
2-Hexanone
Concen: 1.558 ug/l
RT: 9.50 min Scan# 900
Delta R.T. -0.02 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Tgt Ion: 43 Resp: 1099

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.6	76.6#



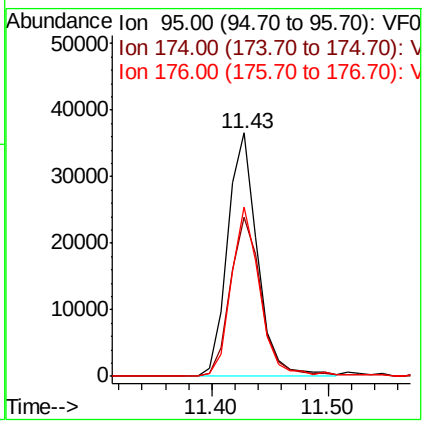


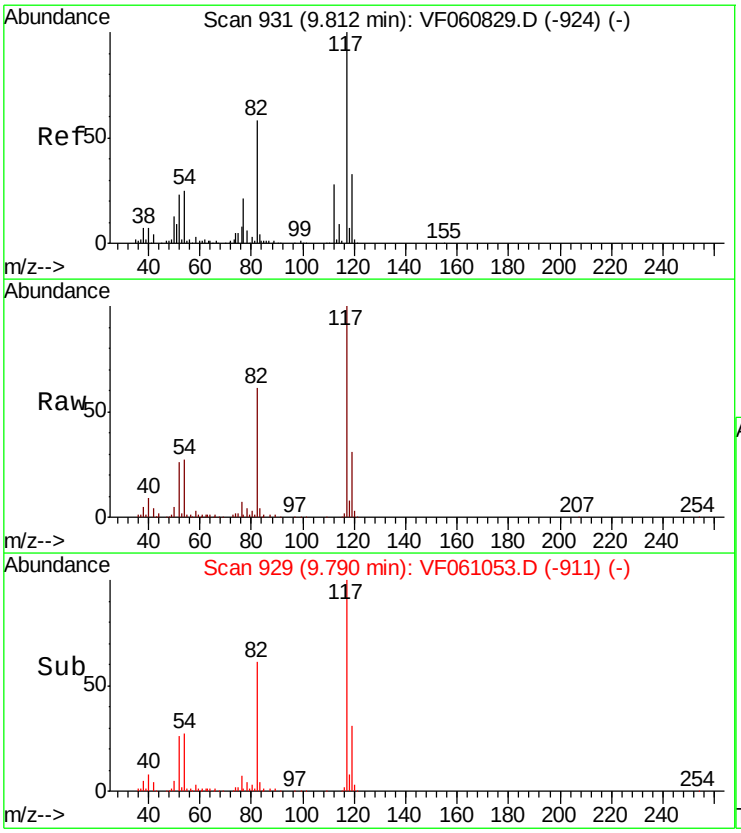
#62
4-Bromofluorobenzene
Concen: 25.234 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 64835

Ion	Ratio	Lower	Upper
95	100		
174	65.5	0.0	138.2
176	69.4	0.0	146.2

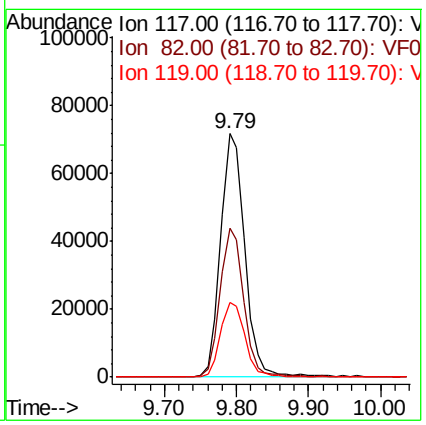


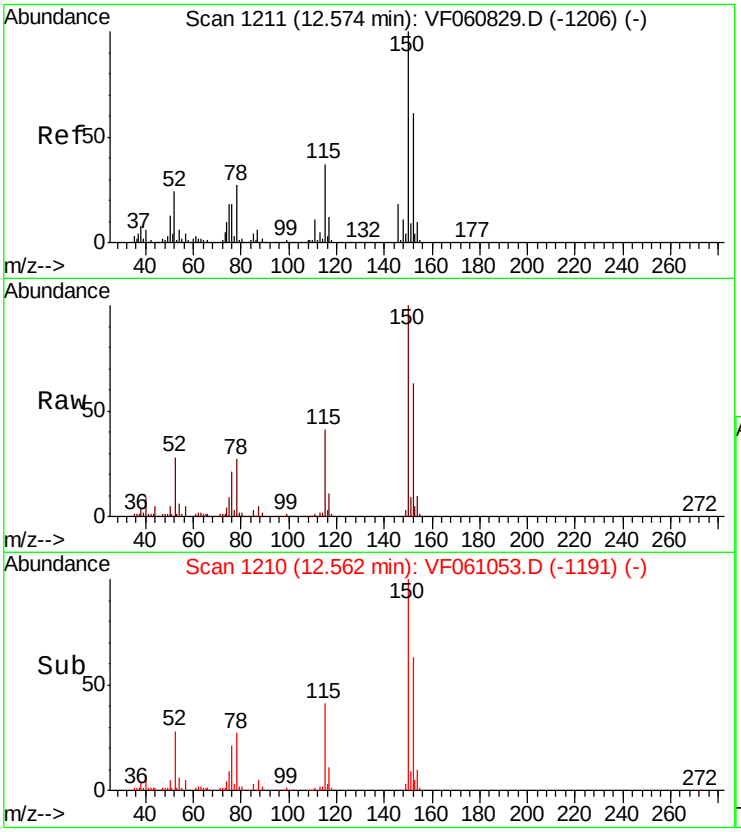


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Tgt Ion:117 Resp: 167087

Ion	Ratio	Lower	Upper
117	100		
82	61.1	46.6	69.8
119	30.9	26.4	39.6



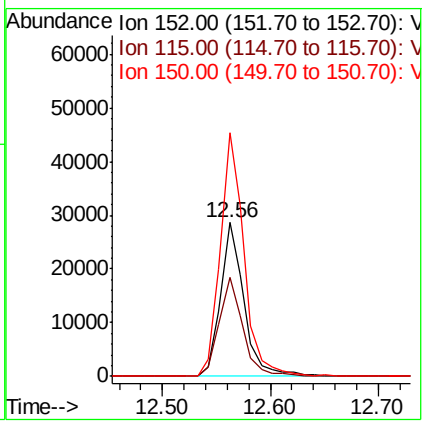


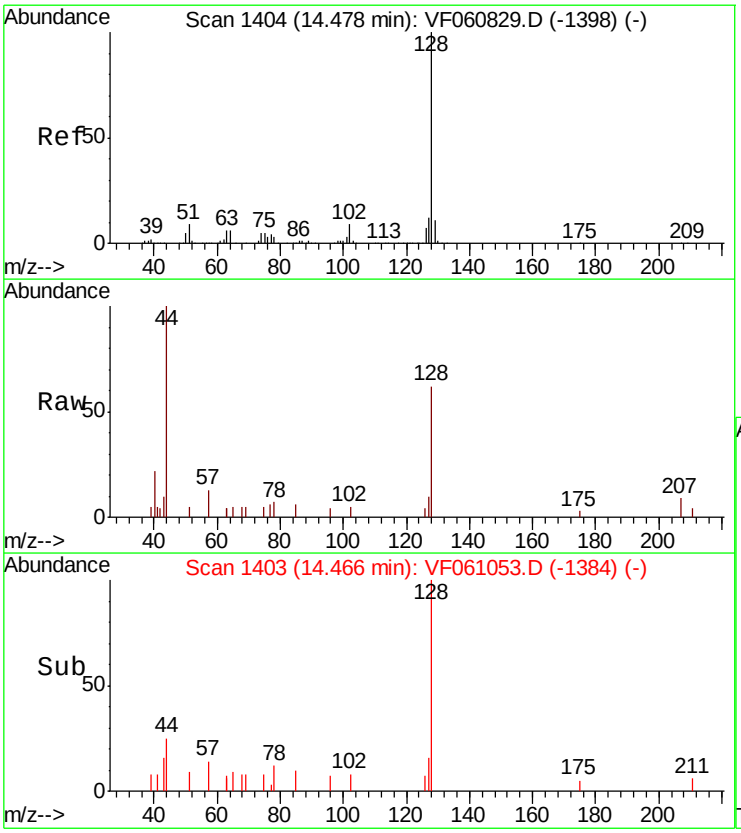
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 42751

Ion	Ratio	Lower	Upper
152	100		
115	64.3	30.1	90.5
150	158.6	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.47 min Scan# 1403
Delta R.T. -0.01 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Tgt Ion:128 Resp: 2254

Ion	Ratio	Lower	Upper
128	100		
127	15.5	9.9	14.9#
129	0.0	9.1	13.7#