Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
Data File : VF060727.D
Acq On : 14 Nov 2018 16:33
Operator : VA/AP
Sample : J5940-01
Misc : 5.88g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : B-25(4-5)

Quant Time: Nov 15 06:37:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	230836	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	399202	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	380549	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	167819	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	123681	46.97	ug/l	-0.03
Spiked Amount 50.000			Recovery = 93.94%			
35) Dibromofluoromethane	4.09	113	140859	46.94	ug/l	-0.04
Spiked Amount 50.000			Recovery = 93.88%			
50) Toluene-d8	7.54	98	336933	43.26	ug/l	-0.03
Spiked Amount 50.000			Recovery = 86.52%			
62) 4-Bromofluorobenzene	11.39	95	156114	43.43	ug/l	-0.02
Spiked Amount 50.000			Recovery = 86.86%			
Target Compounds						Qvalue
8) Diethyl Ether	1.62	74	766	1.180	ug/l	61
11) Tert butyl alcohol	2.57	59	414	3.455	ug/l #	1
13) Acrolein	1.99	56	209	1.908	ug/l #	1
15) Acrylonitrile	2.91	53	1431	5.604	ug/l #	62
16) Acetone	2.36	43	3984	7.079	ug/l	95
18) Methyl Acetate	2.36	43	3984	4.311	ug/l #	85
20) Methylene Chloride	2.17	84	7835	1.409	ug/l	91
25) 2-Butanone	4.31	43	3034	3.278	ug/l	97
29) Tetrahydrofuran	4.04	42	1948	5.102	ug/l #	39
41) Methacrylonitrile	4.72	41	197	Below Cal	#	55
49) 1,4-Dioxane	6.78	88	62	4.389	ug/l #	1
51) 4-Methyl-2-Pentanone	8.24	43	4226	2.560	ug/l #	81
59) 2-Hexanone	9.48	43	4894	4.219	ug/l	78

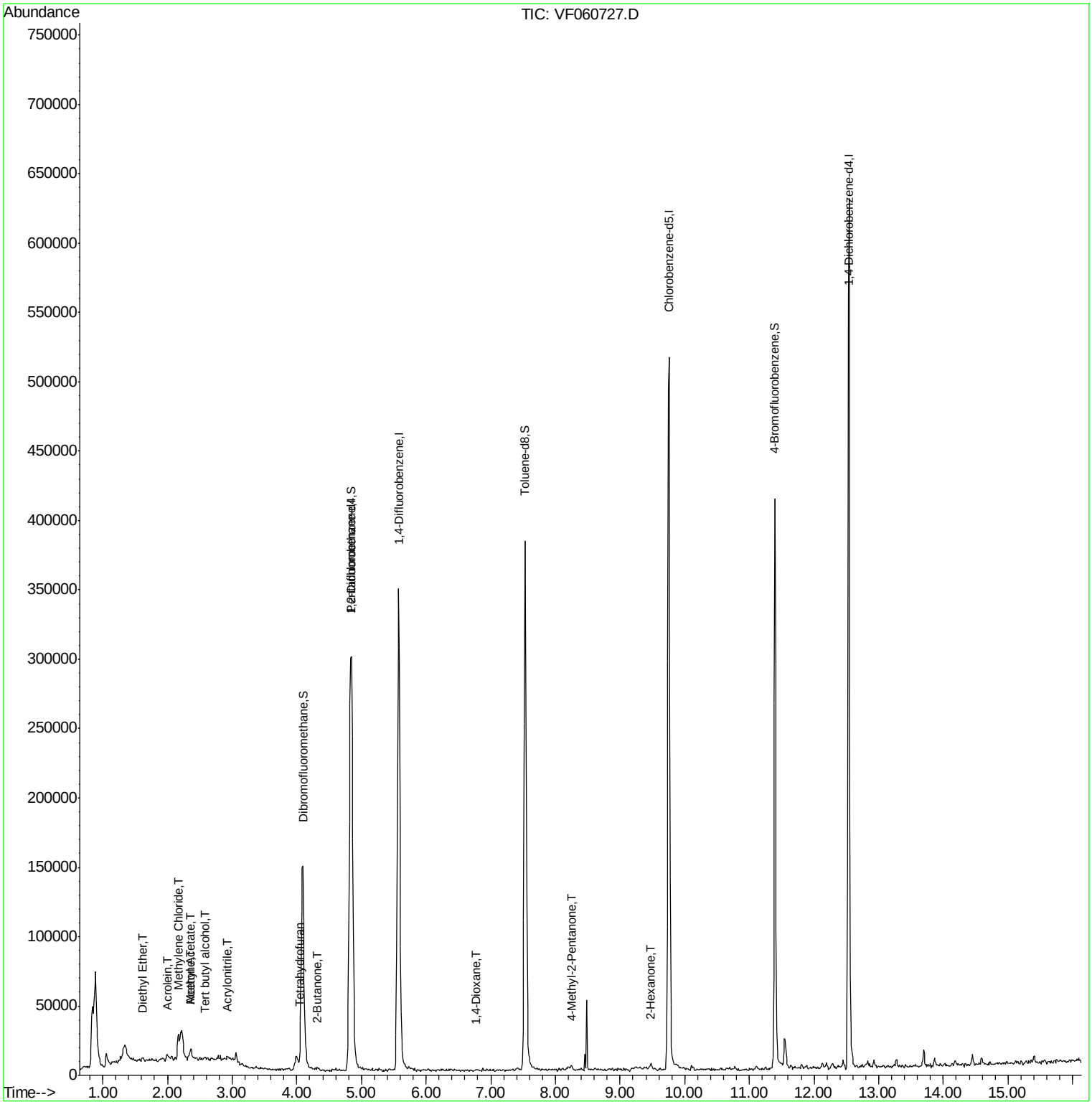
(#) = qualifier out of range (m) = manual integration (+) = signals summed

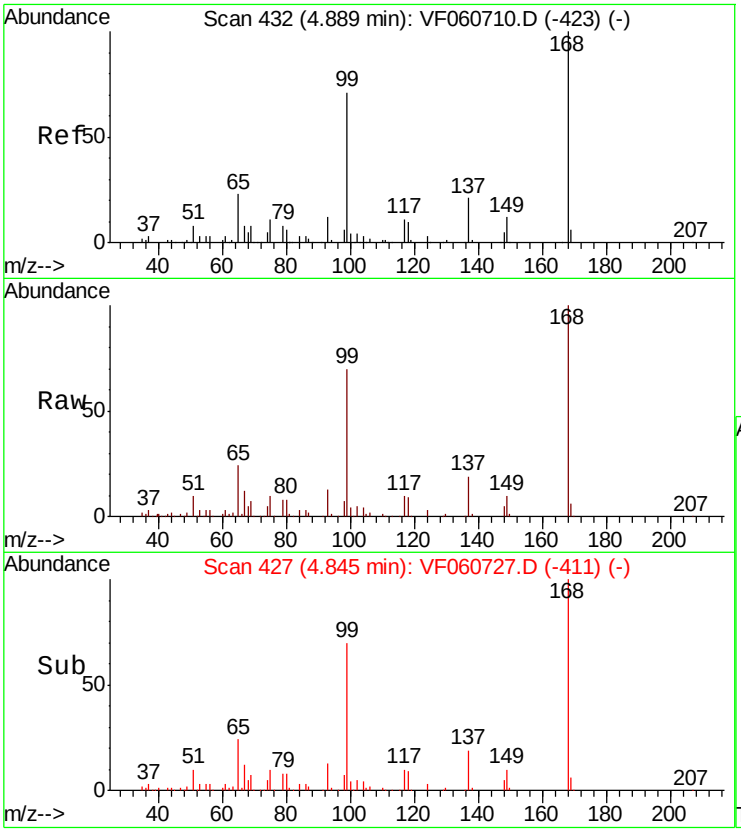
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
Data File : VF060727.D
Acq On : 14 Nov 2018 16:33
Operator : VA/AP
Sample : J5940-01
Misc : 5.88g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Quant Time: Nov 15 06:37:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration



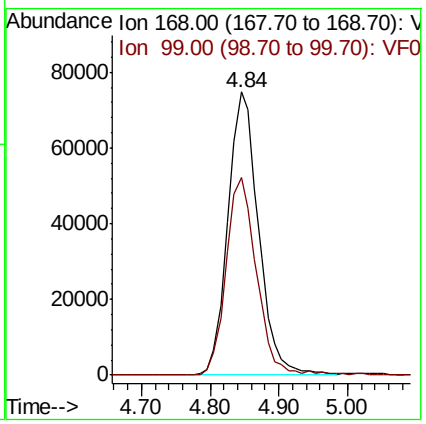


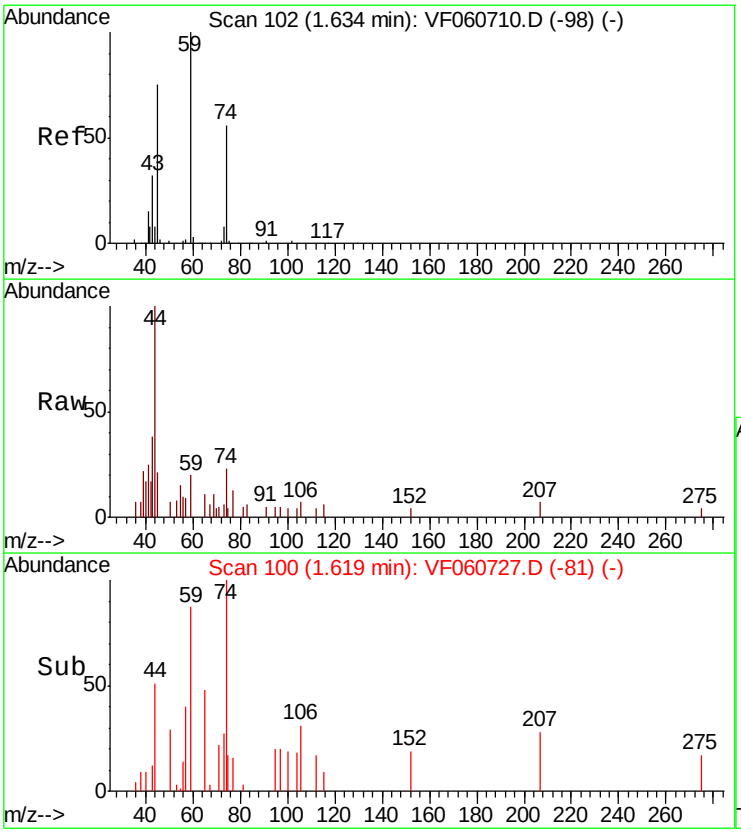
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Tgt Ion:168 Resp: 230836

Ion	Ratio	Lower	Upper
168	100		
99	69.8	57.2	85.8

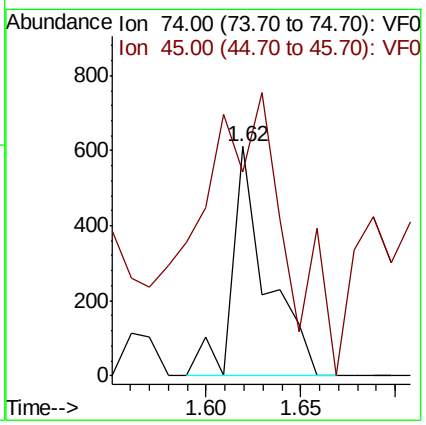


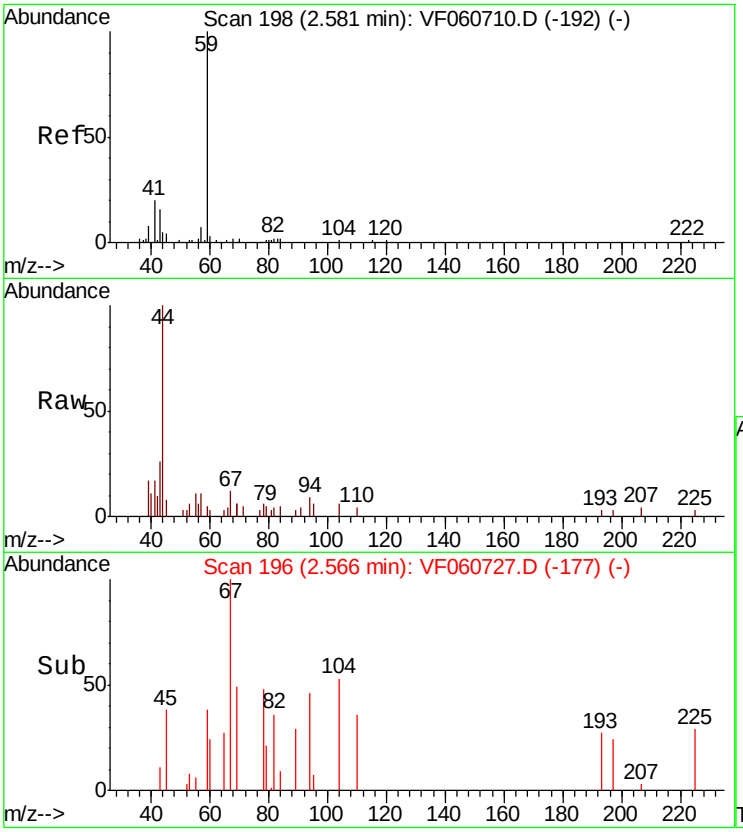


#8
Diethyl Ether
Concen: 1.180 ug/l
RT: 1.62 min Scan# 100
Delta R.T. -0.01 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 74 Resp: 766

Ion	Ratio	Lower	Upper
74	100		
45	89.2	67.7	203.1



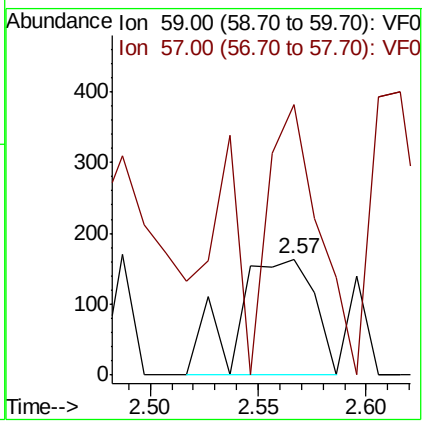


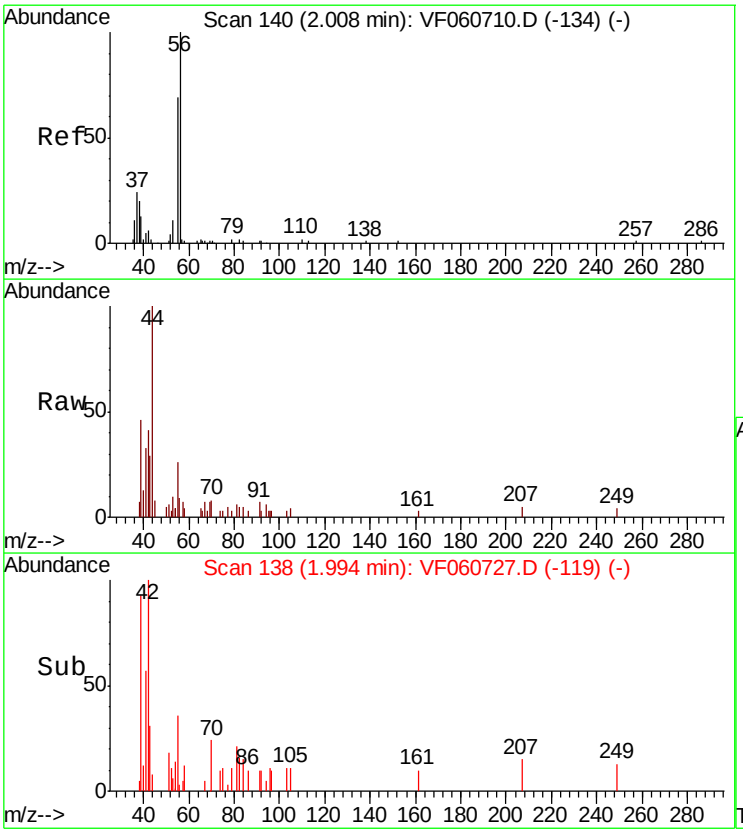
#11
Tert butyl alcohol
Concen: 3.455 ug/l
RT: 2.57 min Scan# 196
Delta R.T. -0.01 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Tgt Ion: 59 Resp: 414

Ion	Ratio	Lower	Upper
59	100		
57	232.3	10.5	15.7#

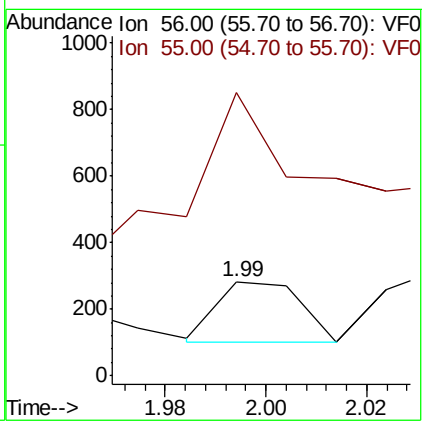


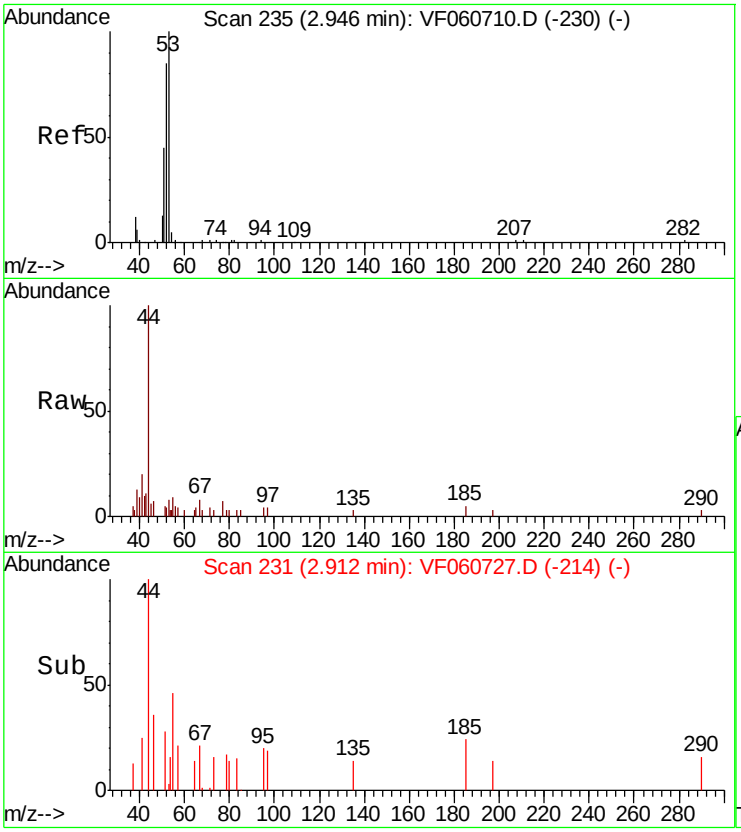


#13
Acrolein
Concen: 1.908 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.01 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 56 Resp: 209

Ion	Ratio	Lower	Upper
56	100		
55	301.8	56.6	85.0#



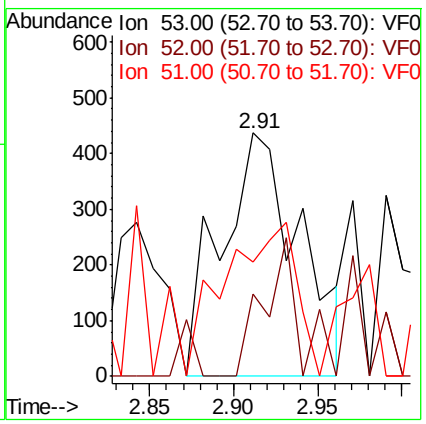


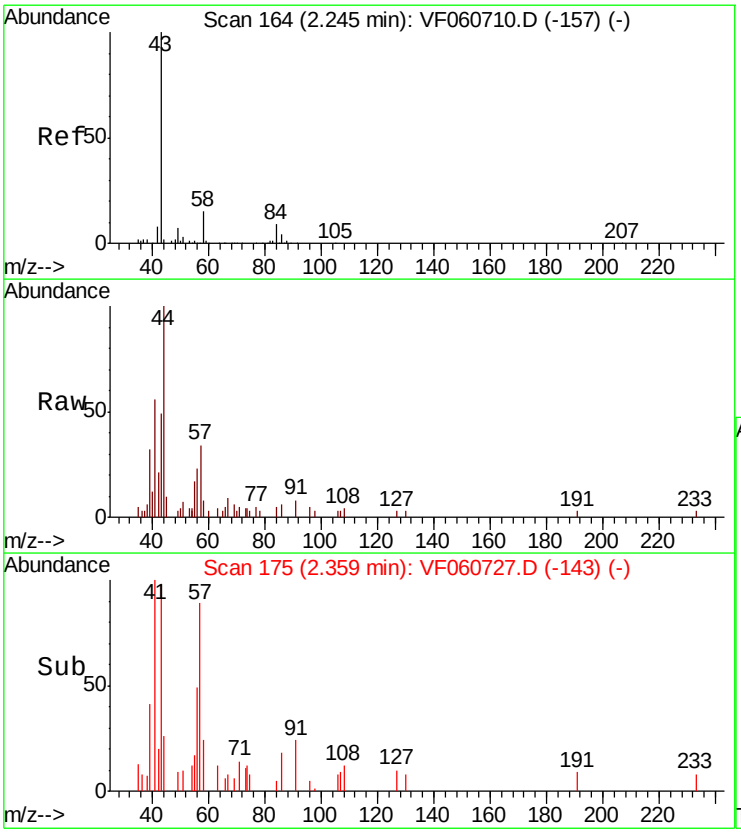
#15
Acrylonitrile
Concen: 5.604 ug/l
RT: 2.91 min Scan# 231
Delta R.T. -0.03 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Tgt Ion: 53 Resp: 1431

Ion	Ratio	Lower	Upper
53	100		
52	33.6	68.8	103.2#
51	47.1	36.7	55.1

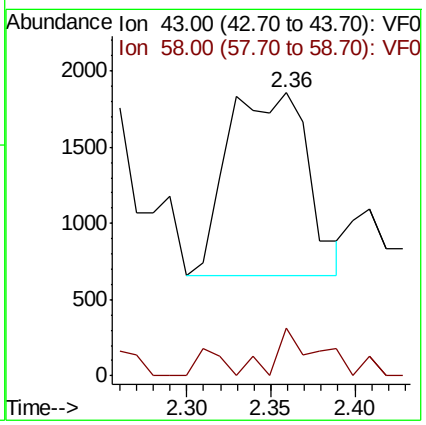


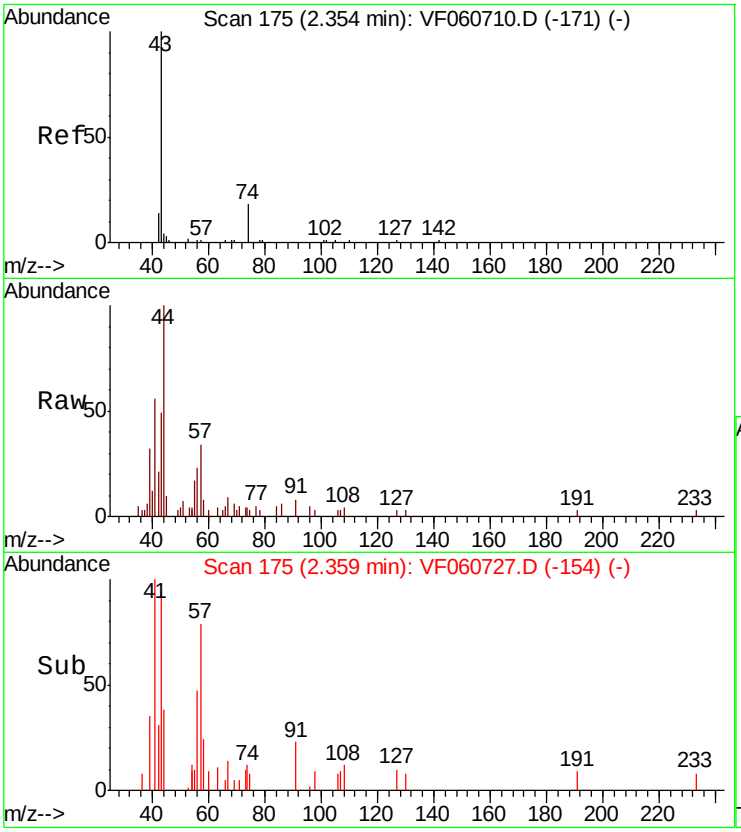


#16
Acetone
Concen: 7.079 ug/l
RT: 2.36 min Scan# 175
Delta R.T. 0.11 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 43 Resp: 3984

Ion	Ratio	Lower	Upper
43	100		
58	16.7	11.6	17.4



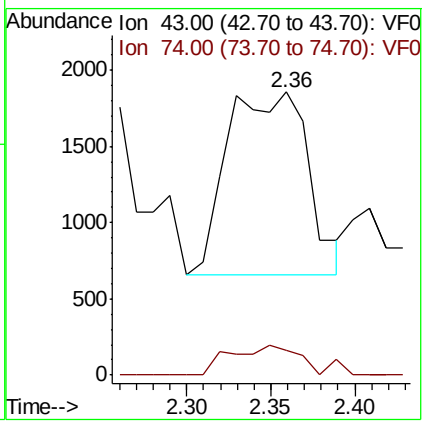


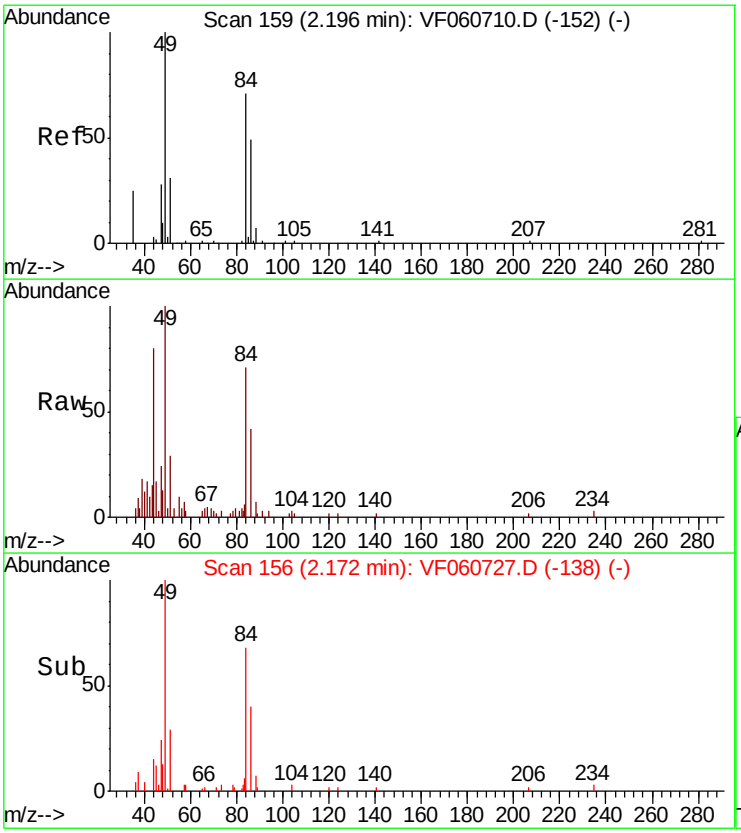
#18
Methyl Acetate
Concen: 4.311 ug/l
RT: 2.36 min Scan# 175
Delta R.T. 0.01 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Instrument : MSVOA_F
ClientSampleId : B-25(4-5)

Tgt Ion: 43 Resp: 3984

Ion	Ratio	Lower	Upper
43	100		
74	8.6	11.8	17.8#

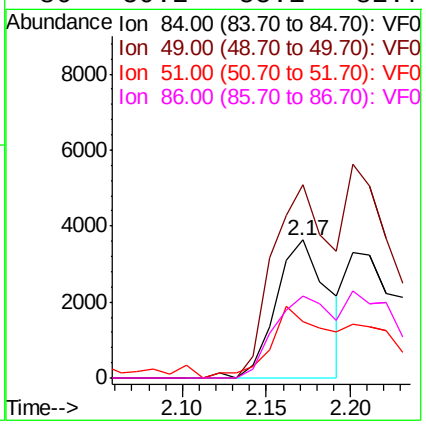


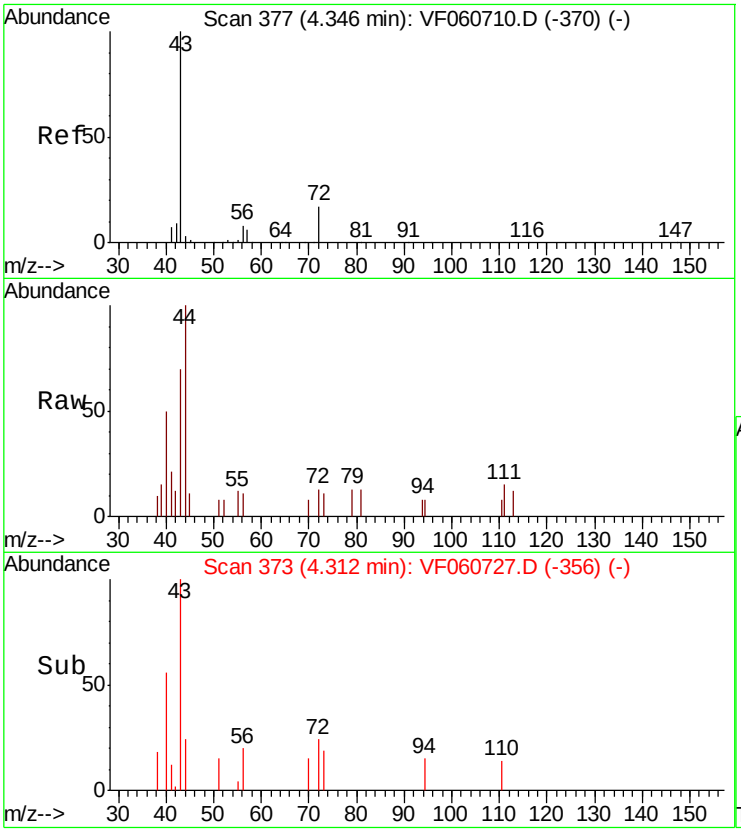


#20
Methylene Chloride
Concen: 1.409 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 84 Resp: 7835

Ion	Ratio	Lower	Upper
84	100		
49	140.4	120.2	180.4
51	41.3	37.2	55.8
86	59.2	55.1	82.7



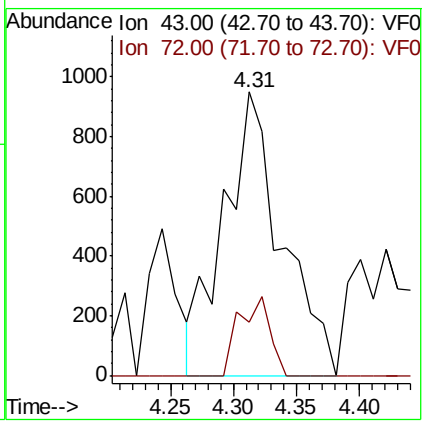


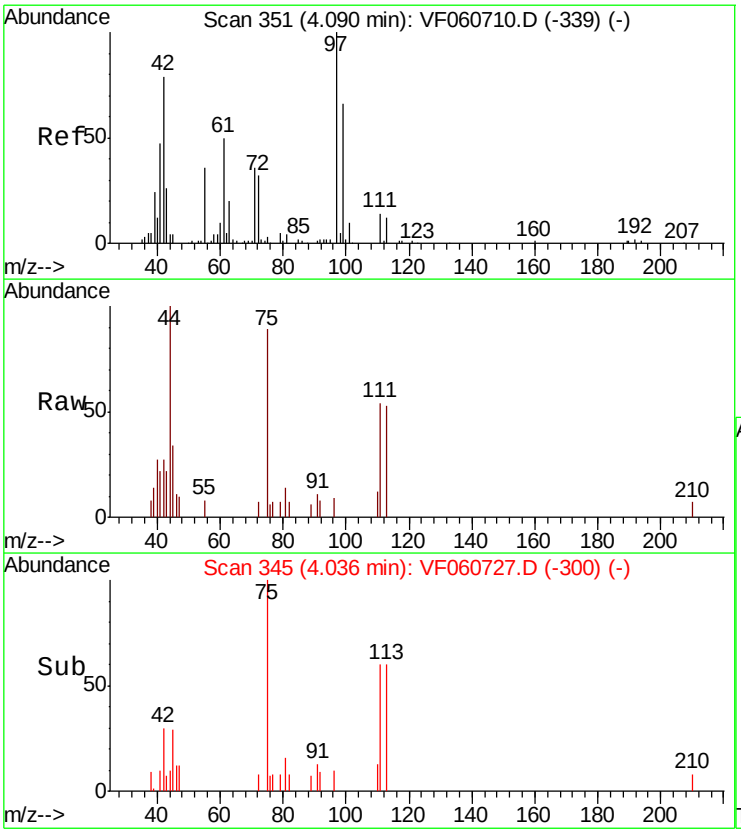
#25
2-Butanone
Concen: 3.278 ug/l
RT: 4.31 min Scan# 373
Delta R.T. -0.03 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Tgt Ion: 43 Resp: 3034

Ion	Ratio	Lower	Upper
43	100		
72	18.8	16.1	24.1

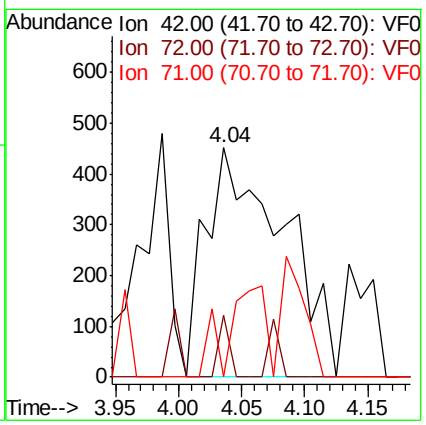


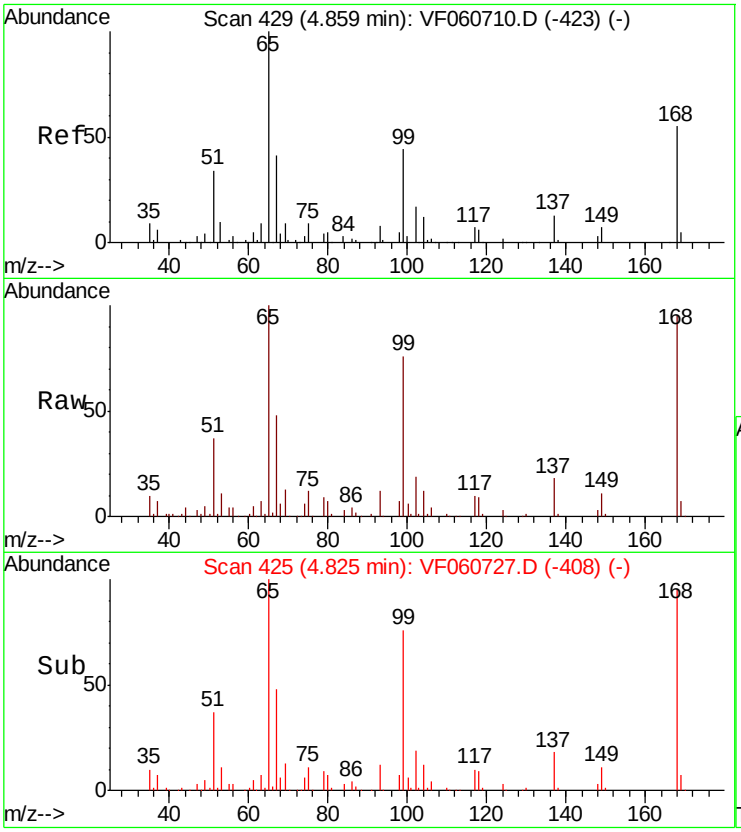


#29
Tetrahydrofuran
Concen: 5.102 ug/l
RT: 4.04 min Scan# 345
Delta R.T. -0.05 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 42 Resp: 1948

Ion	Ratio	Lower	Upper
42	100		
72	3.7	30.3	45.5#
71	0.0	32.2	48.2#



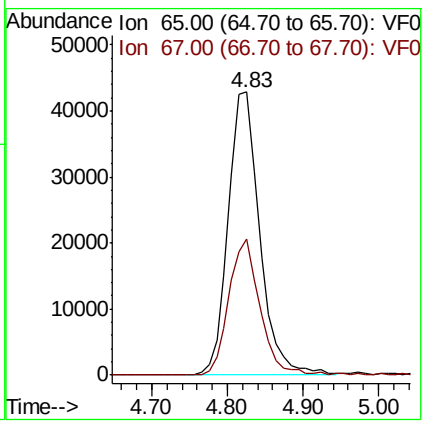


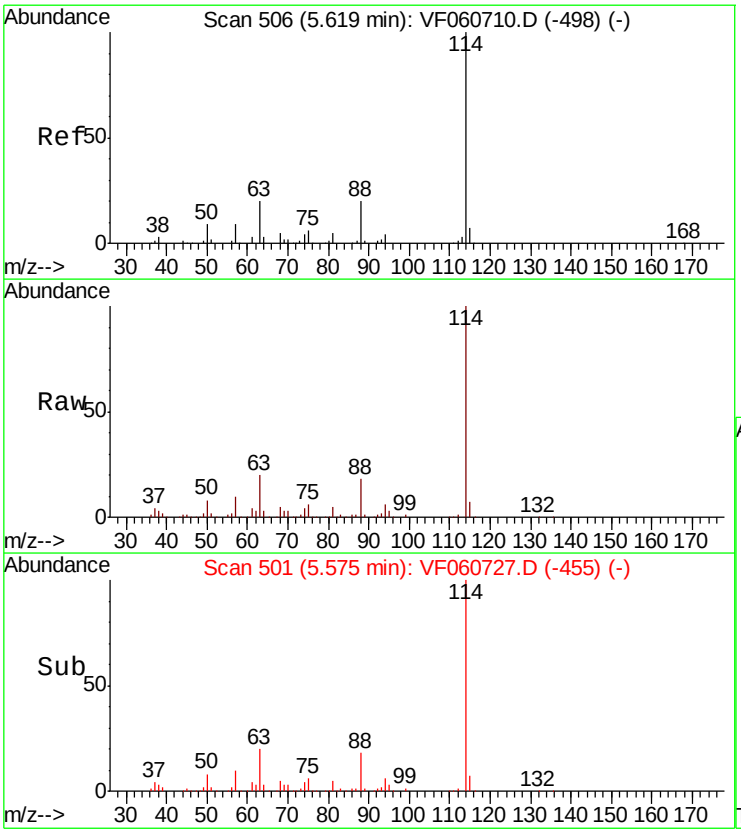
#33
1,2-Dichloroethane-d4
Concen: 46.974 ug/l
RT: 4.83 min Scan# 425
Delta R.T. -0.03 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Tgt Ion: 65 Resp: 123681

Ion	Ratio	Lower	Upper
65	100		
67	47.9	0.0	90.2

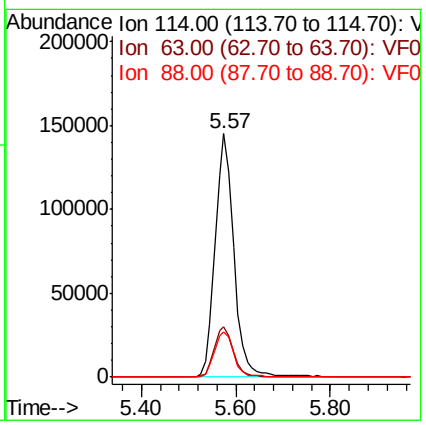


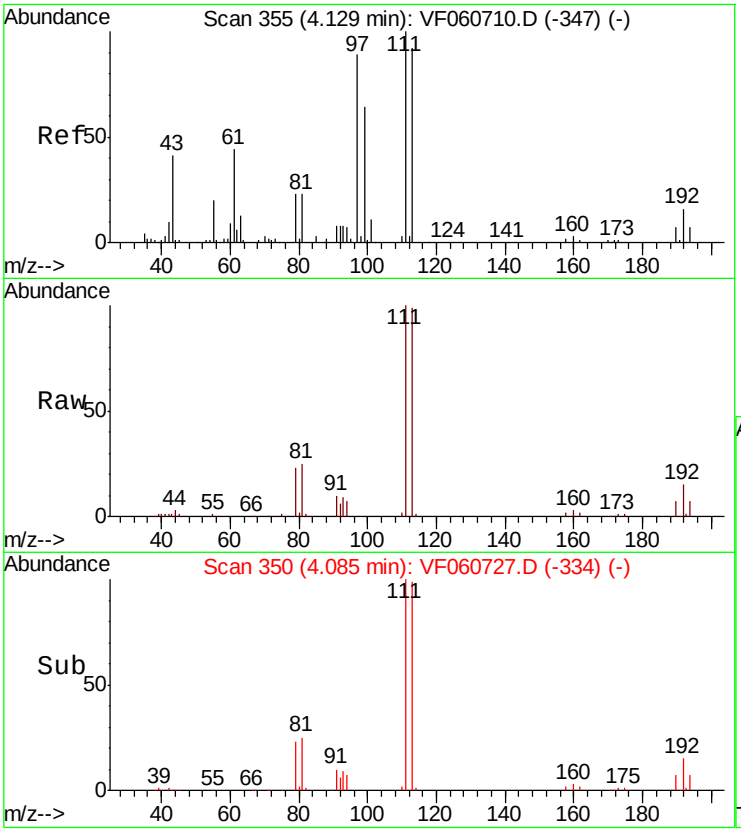


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.04 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion:114 Resp: 399202

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	18.5	0.0	39.6



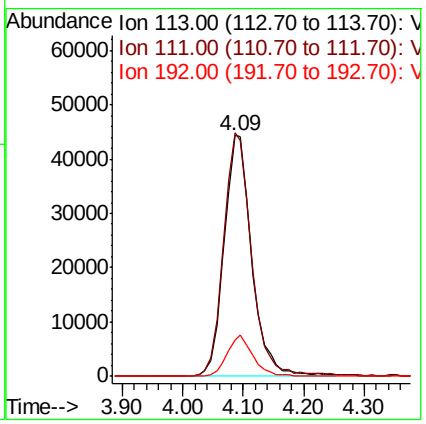


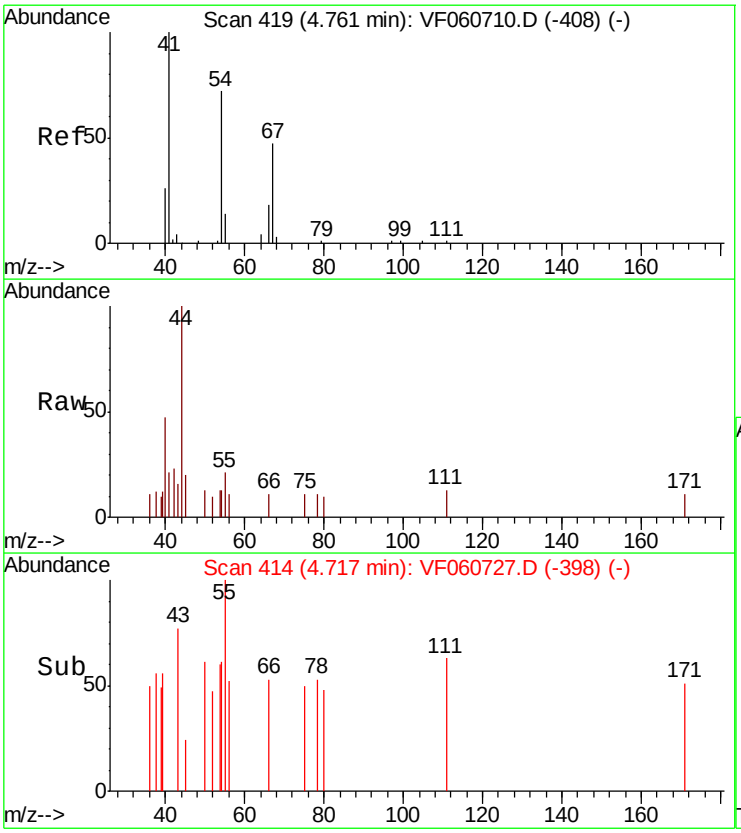
#35
Dibromofluoromethane
Concen: 46.941 ug/l
RT: 4.09 min Scan# 350
Delta R.T. -0.04 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Tgt Ion:113 Resp: 140859

Ion	Ratio	Lower	Upper
113	100		
111	101.2	87.1	130.7
192	14.9	13.8	20.6

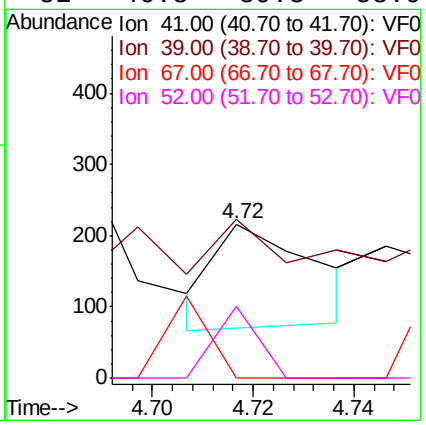


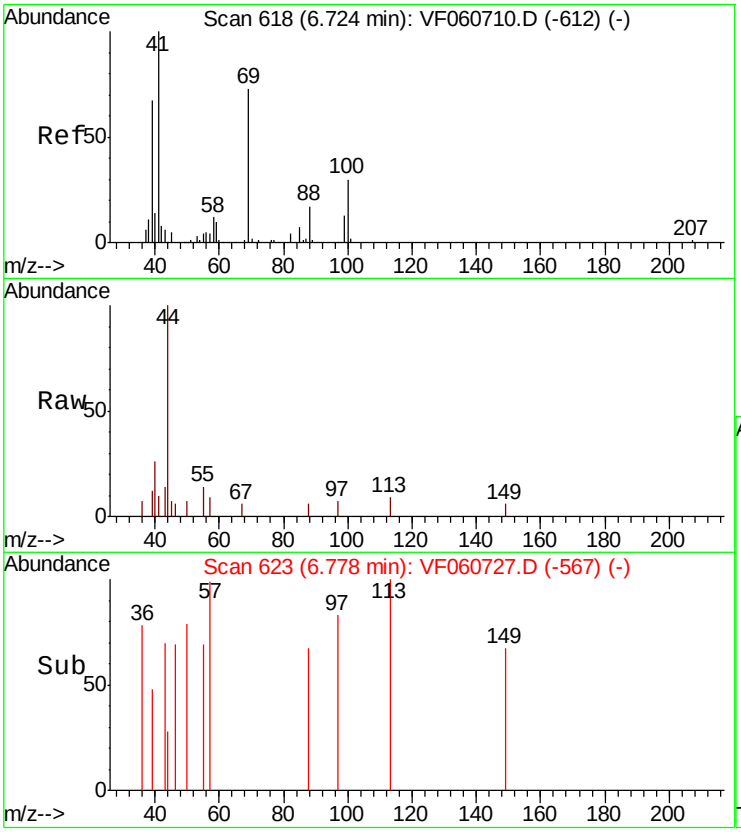


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.72 min Scan# 414
Delta R.T. -0.04 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 41 Resp: 197

Ion	Ratio	Lower	Upper
41	100		
39	103.2	47.1	70.7#
67	0.0	37.1	55.7#
52	46.8	39.3	58.9



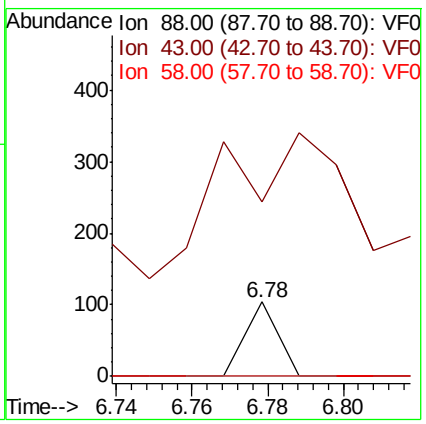


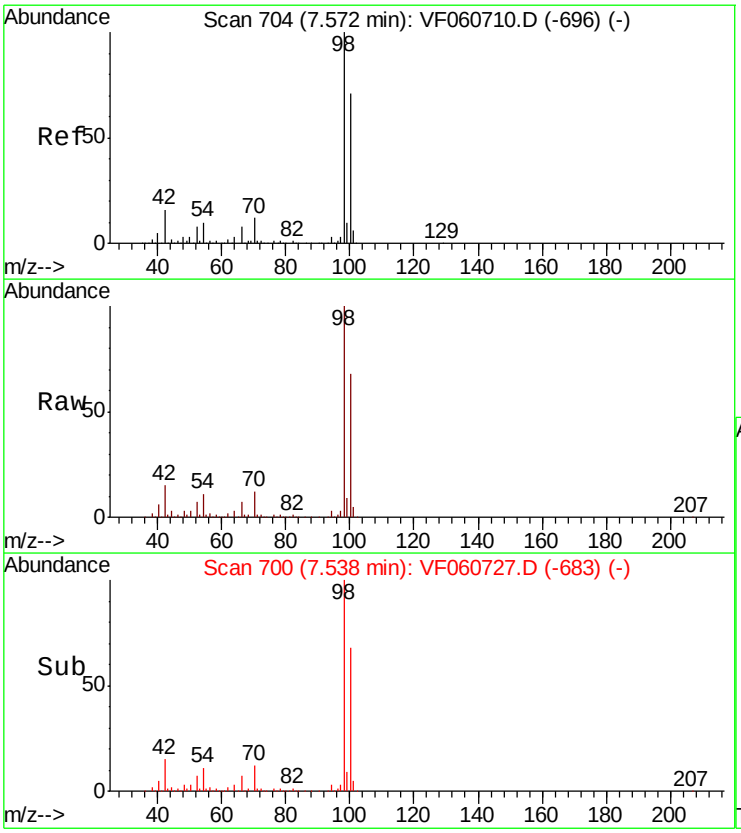
#49
1,4-Dioxane
Concen: 4.389 ug/l
RT: 6.78 min Scan# 623
Delta R.T. 0.05 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	234.6	44.6	66.8#
58	0.0	54.5	81.7#

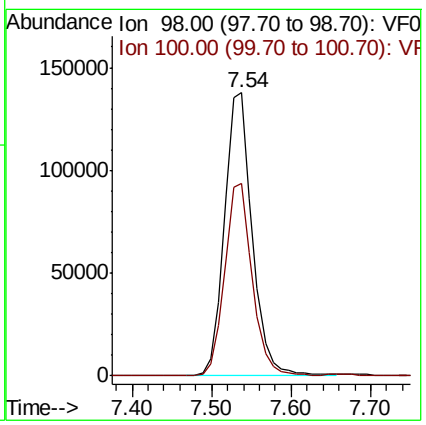


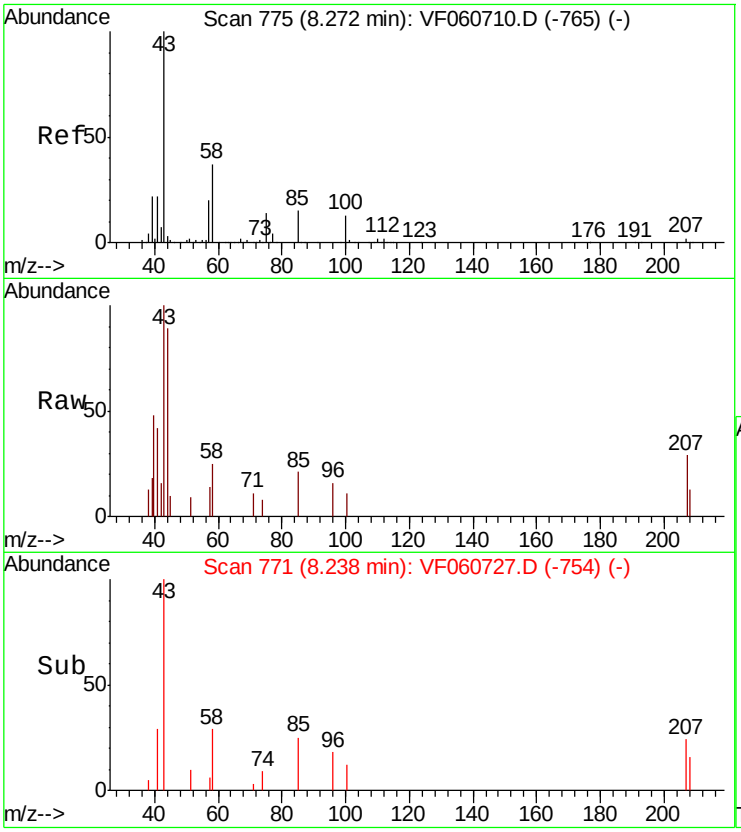


#50
Toluene-d8
Concen: 43.260 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 98 Resp: 336933

Ion	Ratio	Lower	Upper
98	100		
100	68.2	56.5	84.7



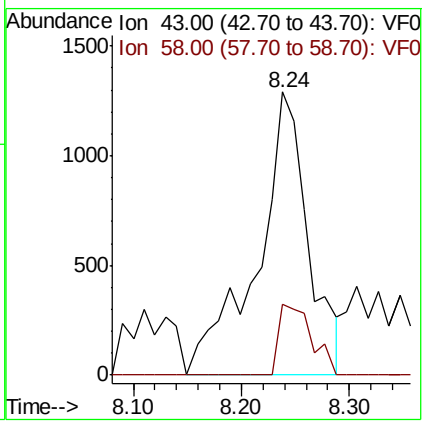


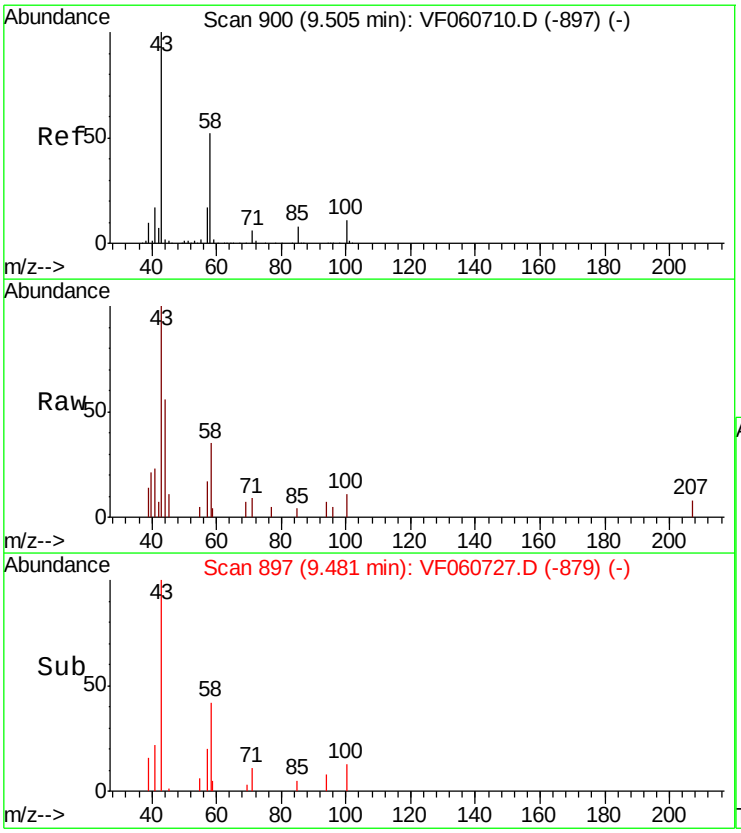
#51
4-Methyl-2-Pentanone
Concen: 2.560 ug/l
RT: 8.24 min Scan# 771
Delta R.T. -0.03 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Instrument : MSVOA_F
ClientSampleId : B-25(4-5)

Tgt Ion: 43 Resp: 4226

Ion	Ratio	Lower	Upper
43	100		
58	25.1	29.2	43.8#

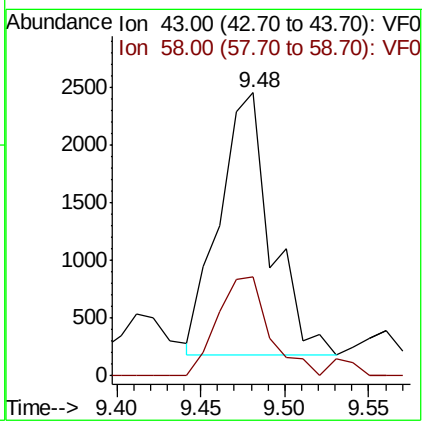


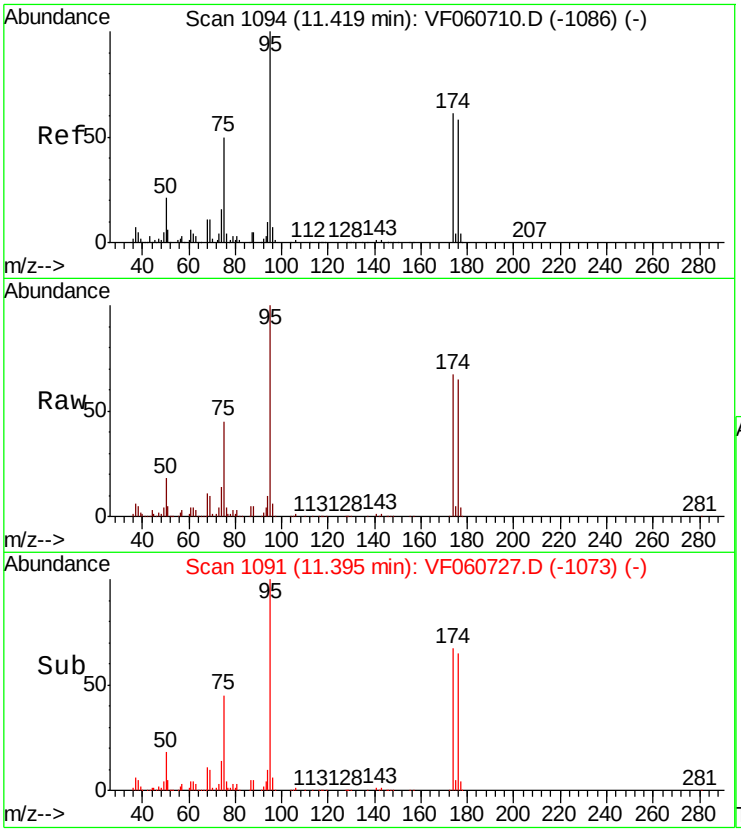


#59
2-Hexanone
Concen: 4.219 ug/l
RT: 9.48 min Scan# 897
Delta R.T. -0.02 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 43 Resp: 4894

Ion	Ratio	Lower	Upper
43	100		
58	35.0	24.9	74.7



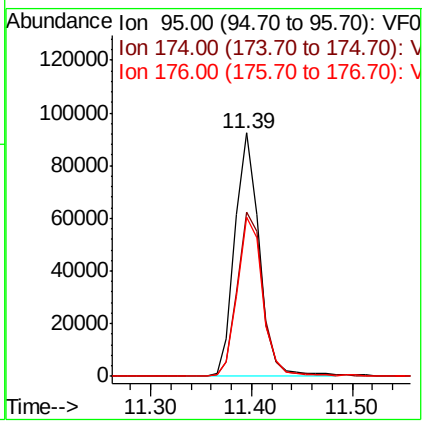


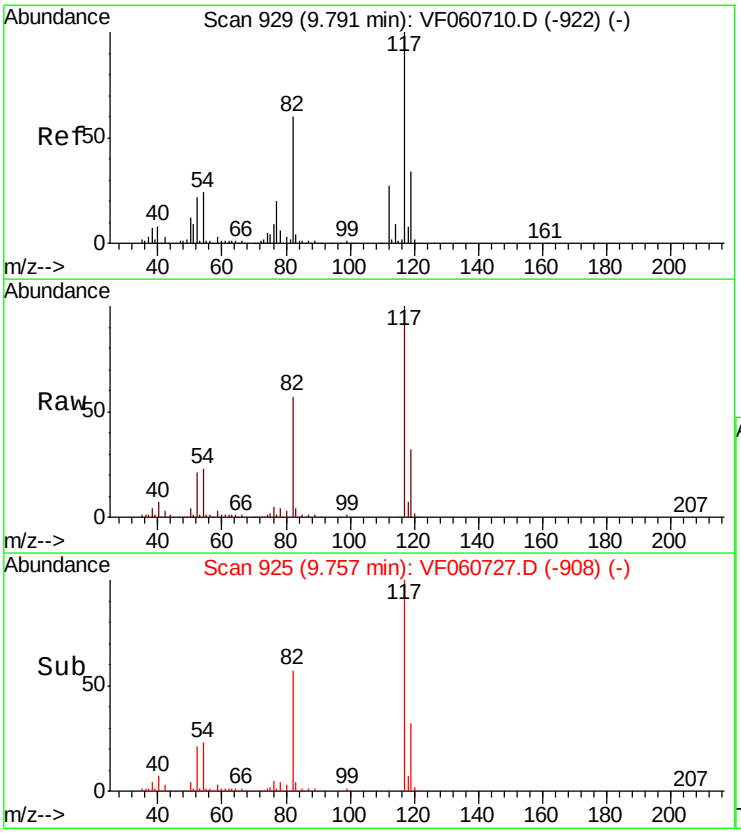
#62
4-Bromofluorobenzene
Concen: 43.431 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Tgt Ion: 95 Resp: 156114

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	121.6
176	65.4	0.0	115.2

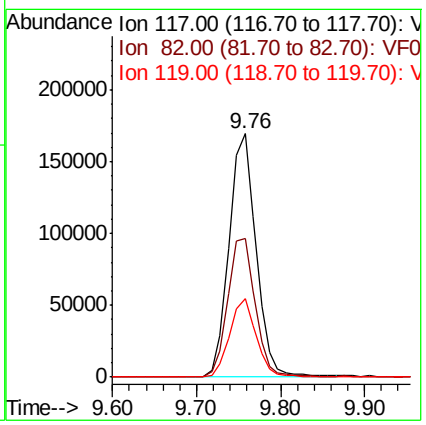


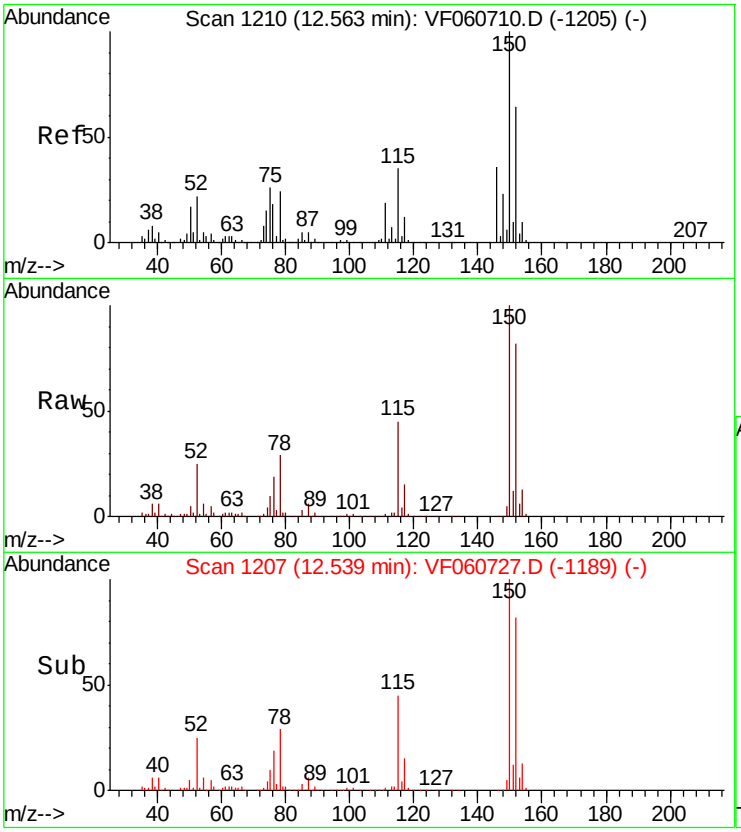


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Tgt Ion:117 Resp: 380549

Ion	Ratio	Lower	Upper
117	100		
82	56.9	47.9	71.9
119	32.4	26.8	40.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF060727.D
Acq: 14 Nov 2018 16:33

Instrument :
MSVOA_F
ClientSampleId :
B-25(4-5)

Tgt Ion:152 Resp: 167819

Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.9	83.7
150	121.9	0.0	316.4