Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121218\
Data File : VF061010.D
Acq On : 12 Dec 2018 22:07
Operator : VA/AP
Sample : J6316-11RE
Misc : 5.82g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

Quant Time: Dec 13 01:28:00 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	197845	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	338953	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	286258	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.55	152	105835	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	122870	52.72	ug/l	-0.05
Spiked Amount 50.000			Recovery = 105.44%			
35) Dibromofluoromethane	4.10	113	142130	52.86	ug/l	-0.05
Spiked Amount 50.000			Recovery = 105.72%			
50) Toluene-d8	7.55	98	308636	38.96	ug/l	-0.05
Spiked Amount 50.000			Recovery = 77.92%			
62) 4-Bromofluorobenzene	11.40	95	126852	35.24	ug/l	-0.04
Spiked Amount 50.000			Recovery = 70.48%			
Target Compounds						Qvalue
8) Diethyl Ether	1.63	74	1031	1.861	ug/l	72
13) Acrolein	1.99	56	643	7.103	ug/l	91
15) Acrylonitrile	2.96	53	476	2.222	ug/l #	36
16) Acetone	2.23	43	821	1.910	ug/l #	65
18) Methyl Acetate	2.29	43	443	Below Cal		100
20) Methylene Chloride	2.24	84	3336	2.116	ug/l	92
29) Tetrahydrofuran	4.05	42	788	2.501	ug/l #	53
41) Methacrylonitrile	4.76	41	219	Below Cal	#	18
43) Isopropyl Acetate	6.89	43	622	Below Cal	#	49
49) 1,4-Dioxane	6.81	88	91	8.991	ug/l #	17
59) 2-Hexanone	9.50	43	1305	1.320	ug/l	65
95) Naphthalene	14.45	128	1571	Below Cal	#	83

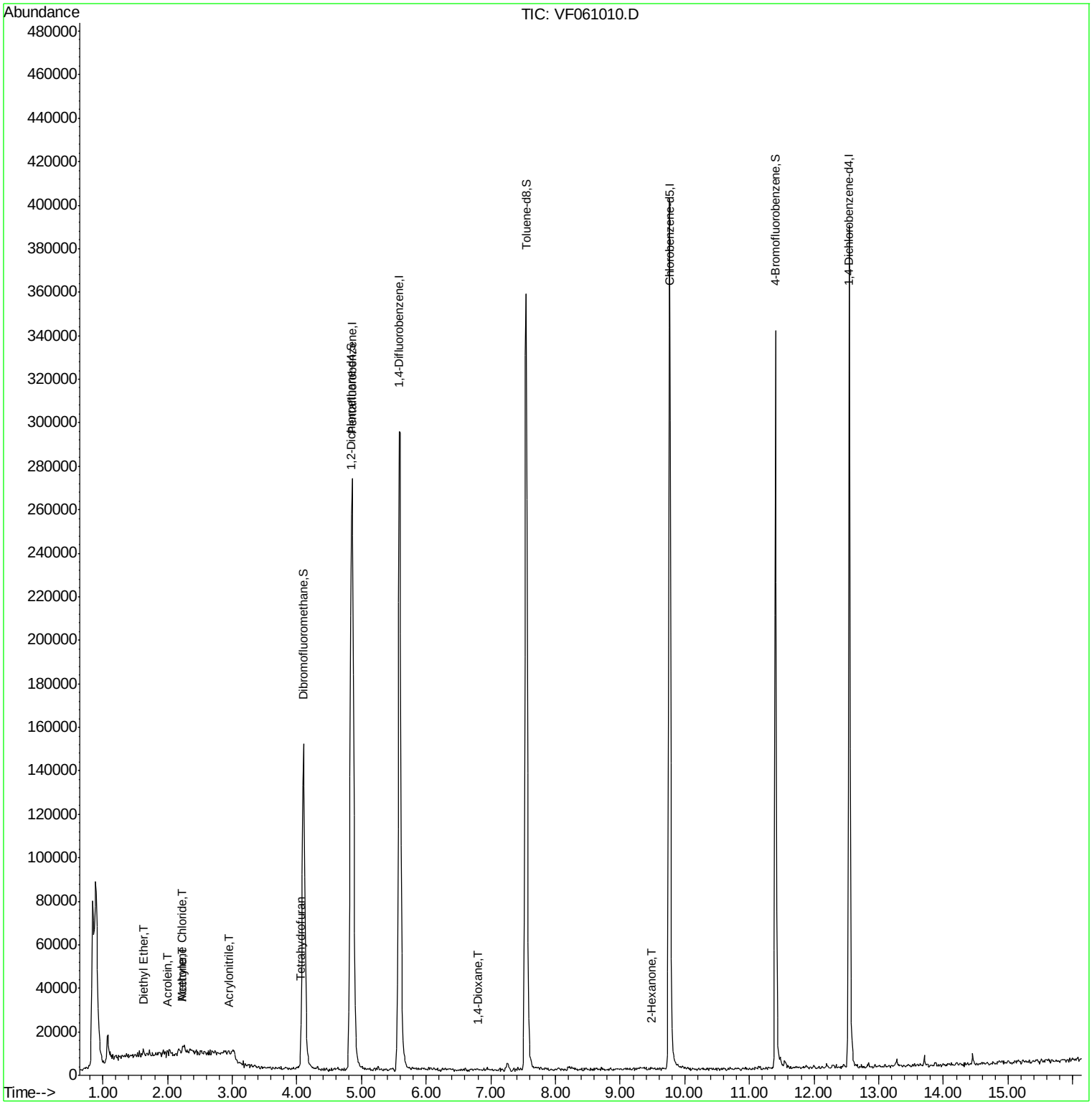
(#) = qualifier out of range (m) = manual integration (+) = signals summed

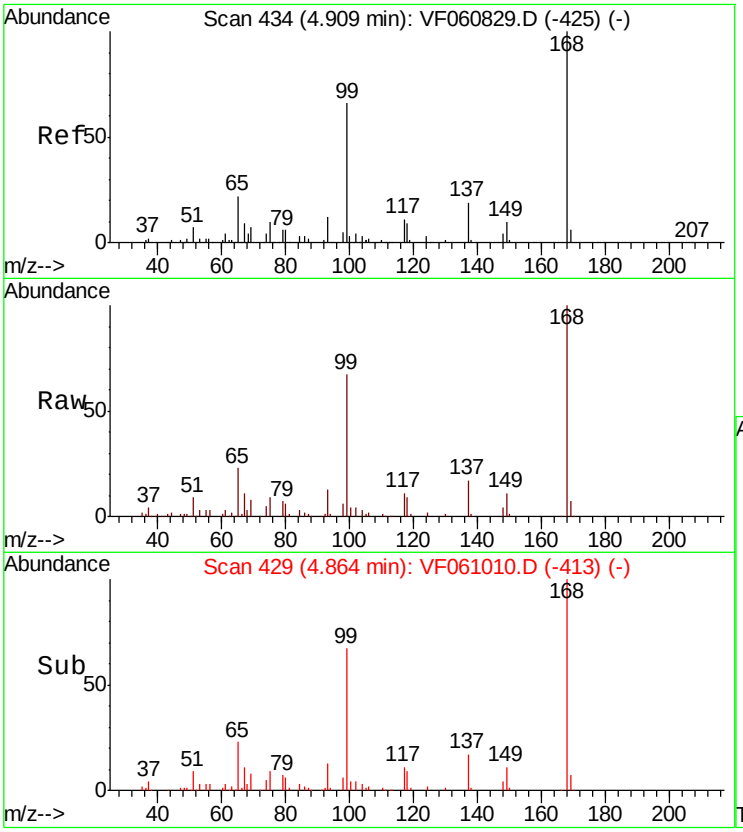
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121218\
Data File : VF061010.D
Acq On : 12 Dec 2018 22:07
Operator : VA/AP
Sample : J6316-11RE
Misc : 5.82g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Quant Time: Dec 13 01:28:00 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



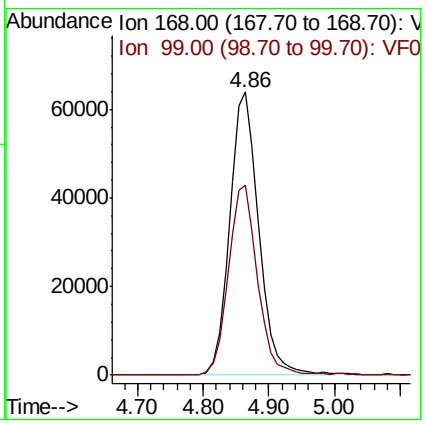


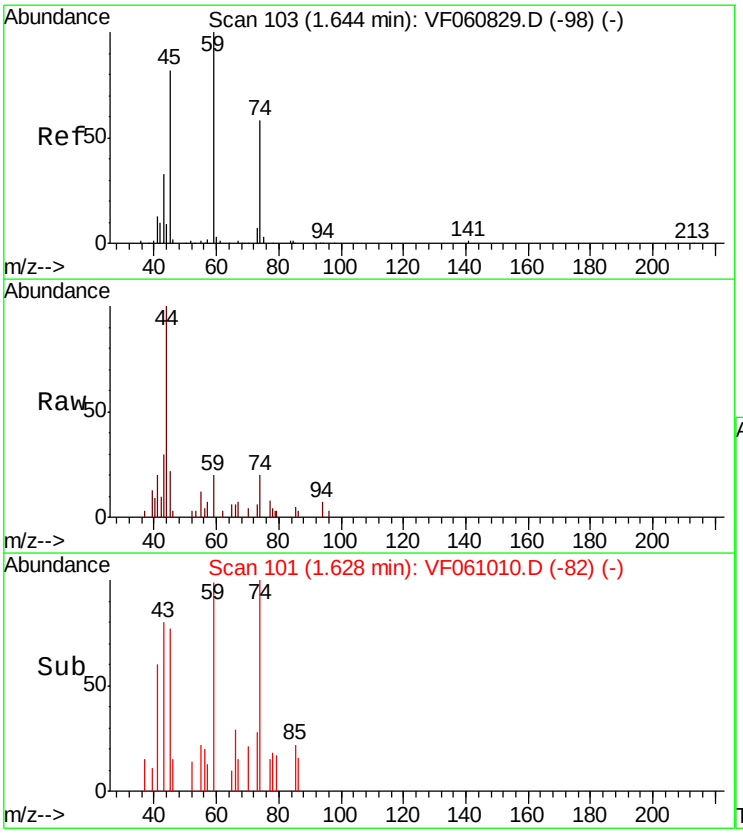
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.05 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion:168 Resp: 197845

Ion	Ratio	Lower	Upper
168	100		
99	67.3	52.6	79.0

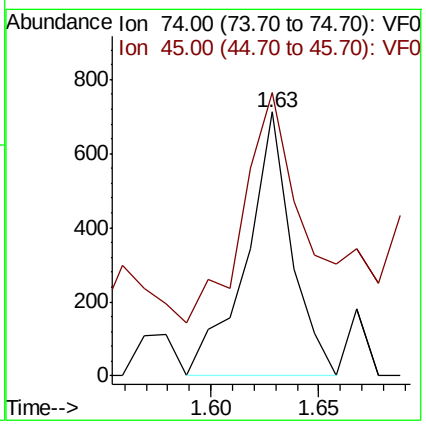


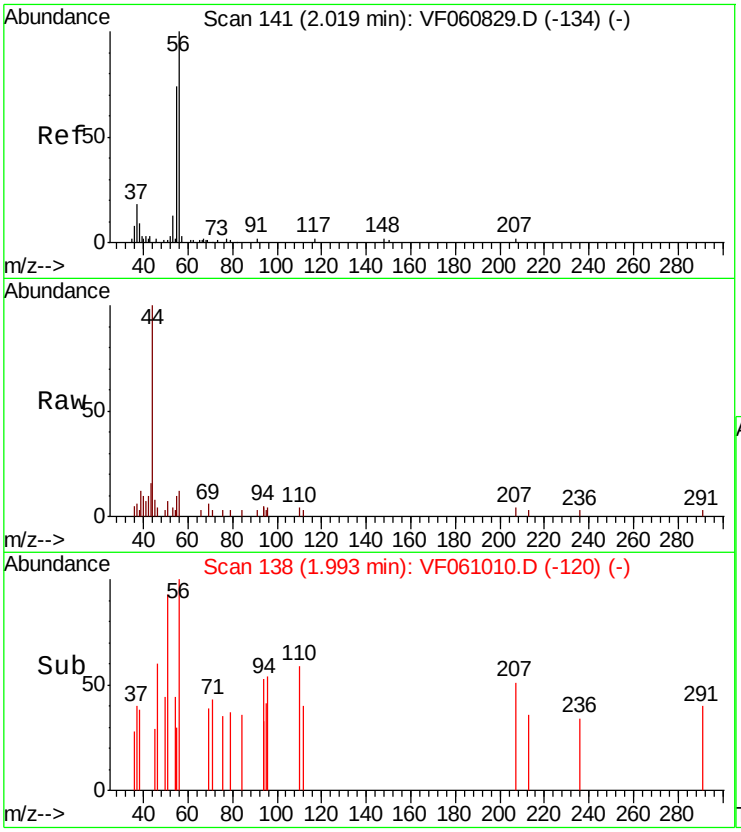


#8
Diethyl Ether
Concen: 1.861 ug/l
RT: 1.63 min Scan# 101
Delta R.T. -0.02 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Tgt Ion: 74 Resp: 1031

Ion	Ratio	Lower	Upper
74	100		
45	107.2	71.0	212.8



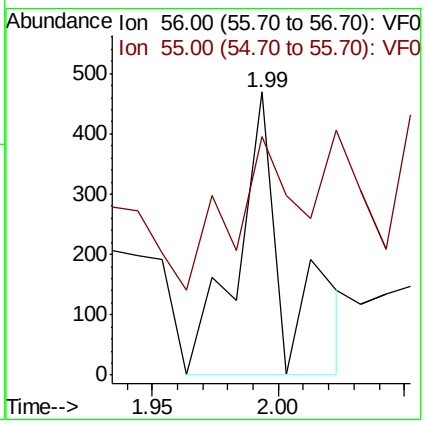


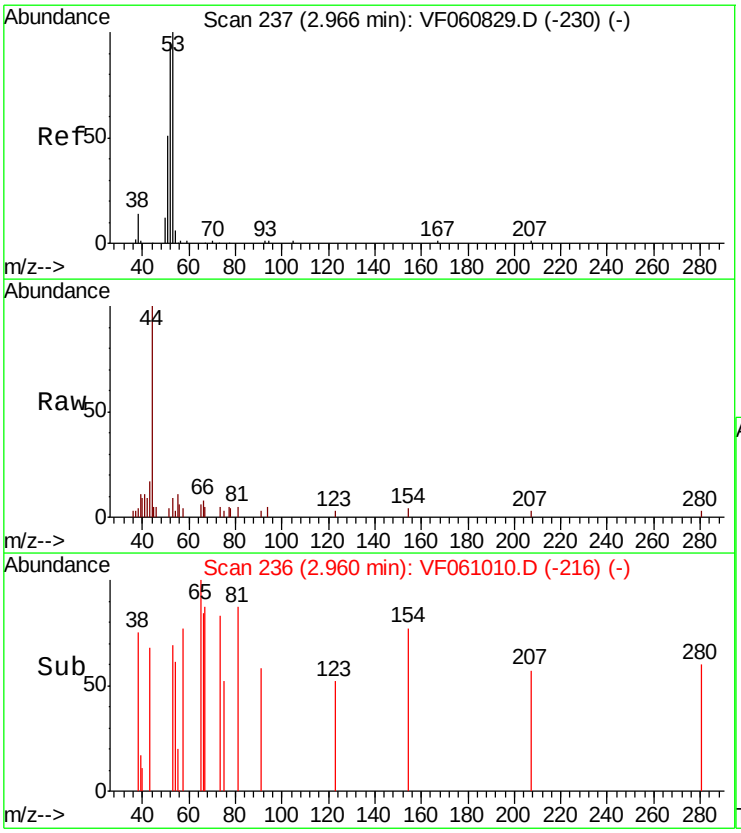
#13
Acrolein
Concen: 7.103 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.03 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 56 Resp: 643

Ion	Ratio	Lower	Upper
56	100		
55	84.2	61.2	91.8

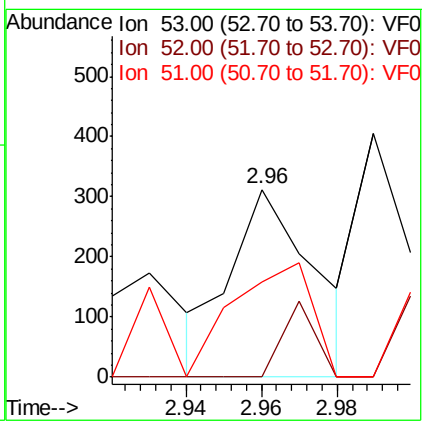


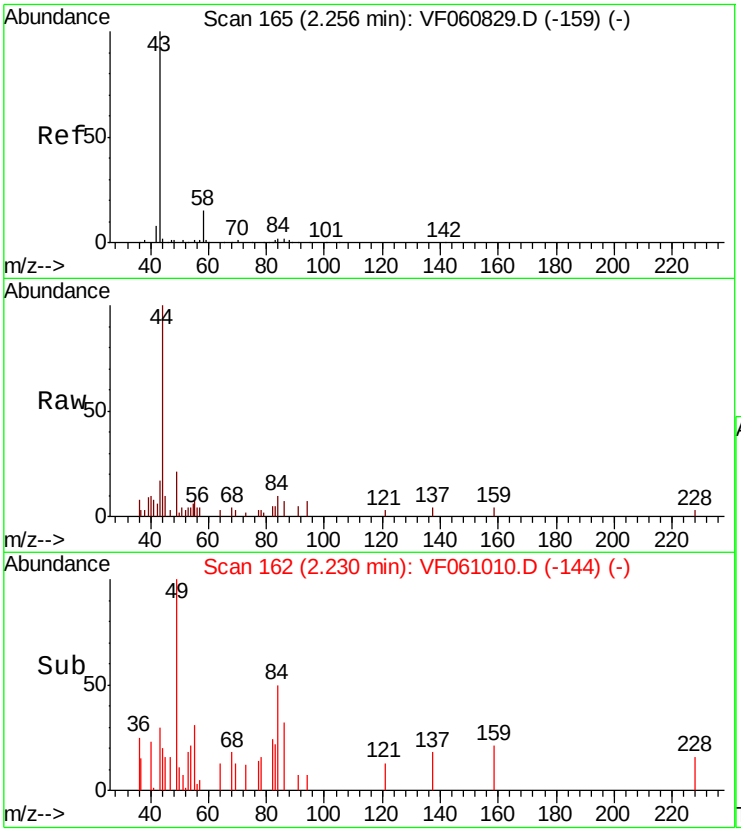


#15
Acrylonitrile
Concen: 2.222 ug/l
RT: 2.96 min Scan# 236
Delta R.T. -0.01 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Tgt Ion: 53 Resp: 476

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	51.0	40.7	61.1



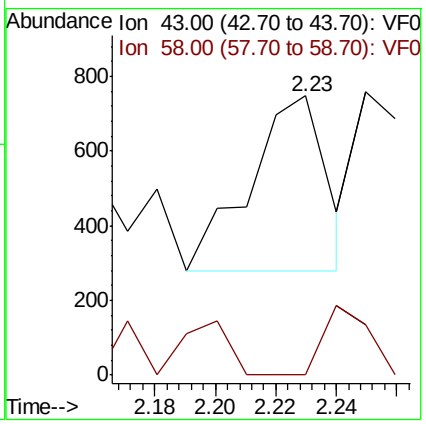


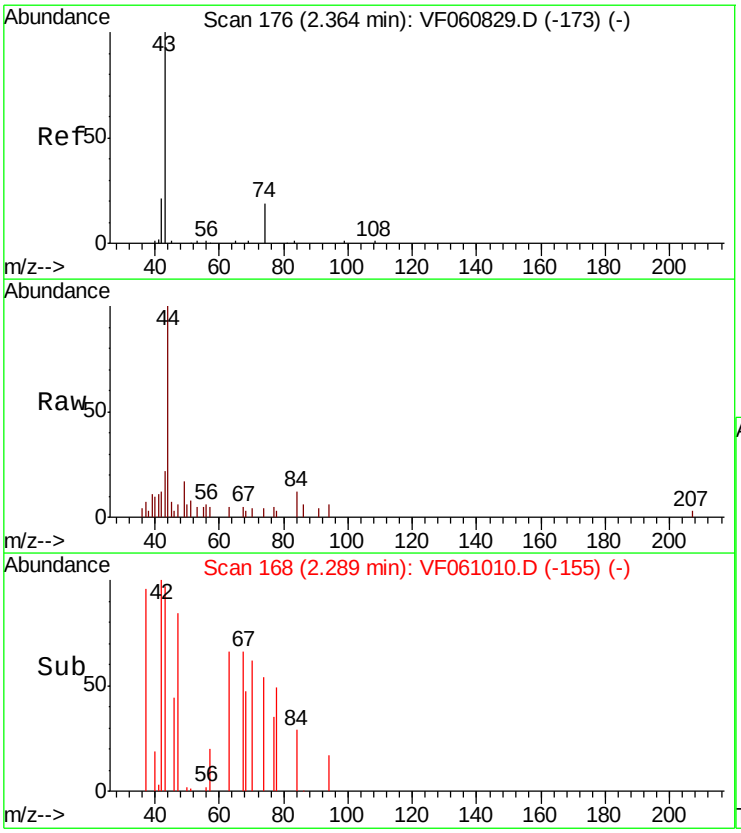
#16
Acetone
Concen: 1.910 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.03 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 43 Resp: 821

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.4	17.2#

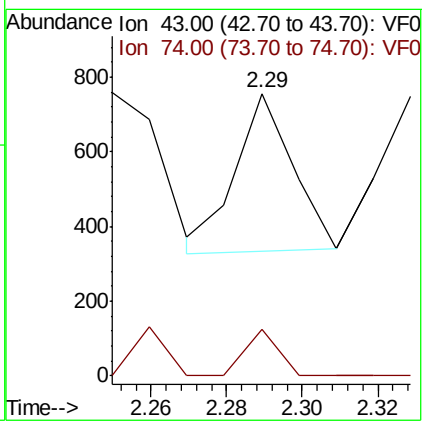


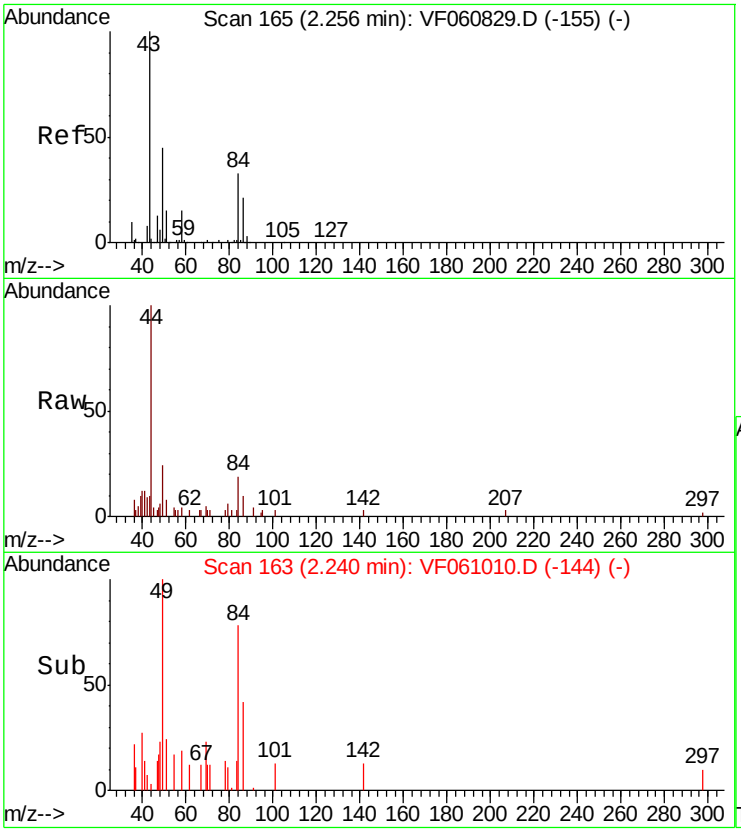


#18
Methyl Acetate
Concen: Below Cal
RT: 2.29 min Scan# 168
Delta R.T. -0.07 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Tgt Ion: 43 Resp: 443

Ion	Ratio	Lower	Upper
43	100		
74	16.6	13.3	19.9



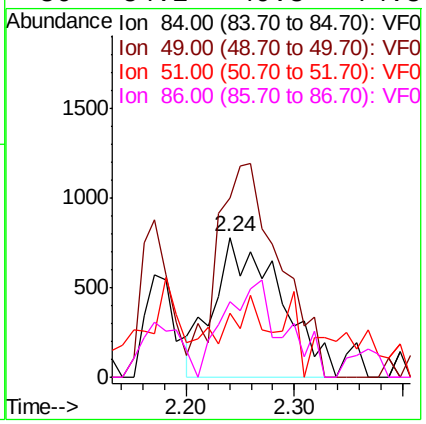


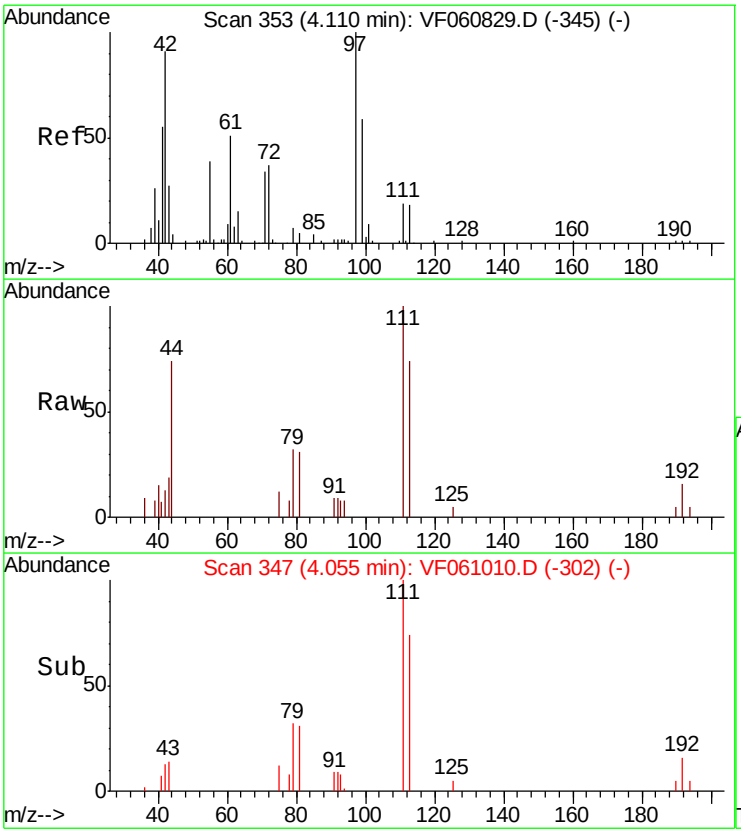
#20
Methylene Chloride
Concen: 2.116 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Instrument : MSVOA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 84 Resp: 3336

Ion	Ratio	Lower	Upper
84	100		
49	127.9	111.3	166.9
51	45.6	38.0	57.0
86	54.2	49.8	74.8

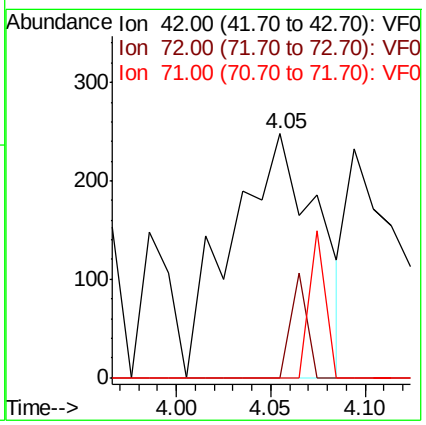


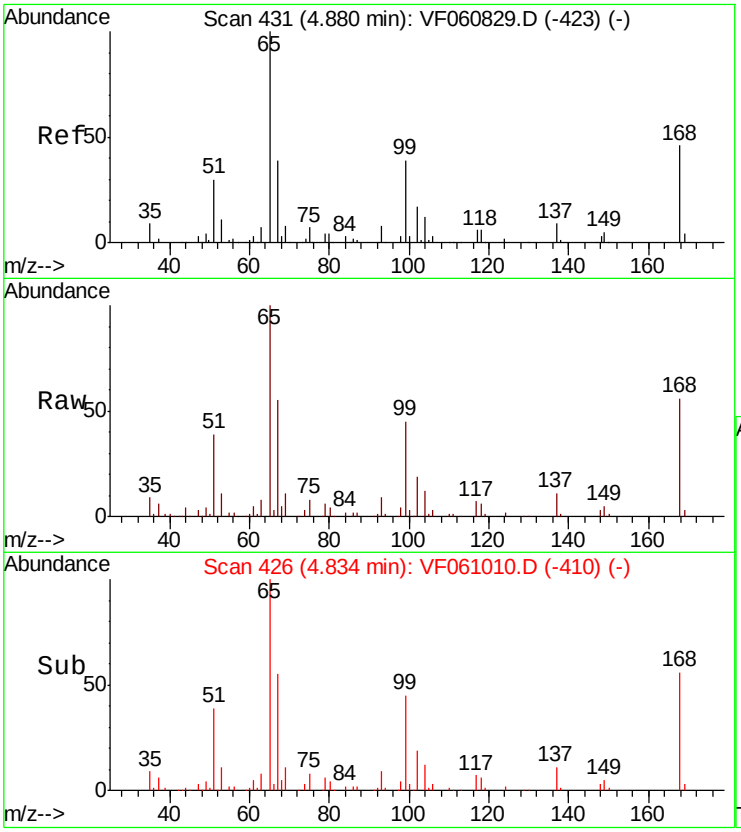


#29
Tetrahydrofuran
Concen: 2.501 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.06 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Tgt Ion: 42 Resp: 788

Ion	Ratio	Lower	Upper
42	100		
72	8.0	31.9	47.9#
71	11.2	28.7	43.1#



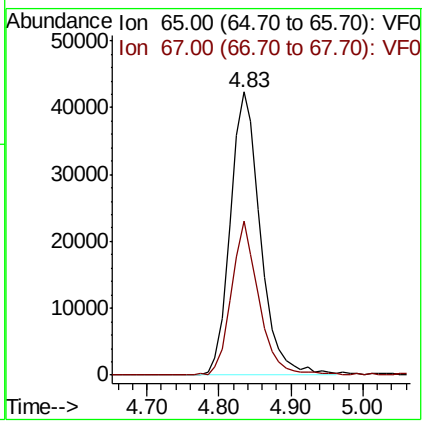


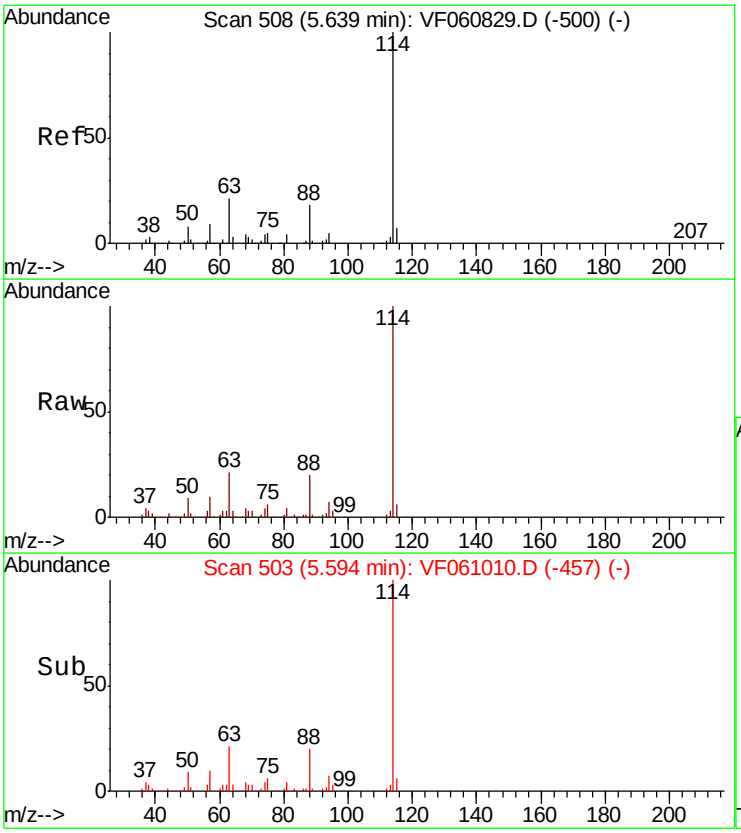
#33
1,2-Dichloroethane-d4
Concen: 52.719 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.05 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 65 Resp: 122870

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	96.4

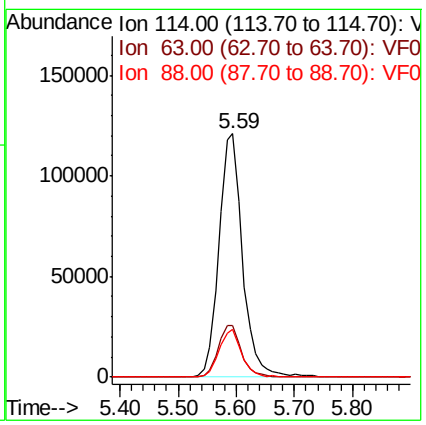


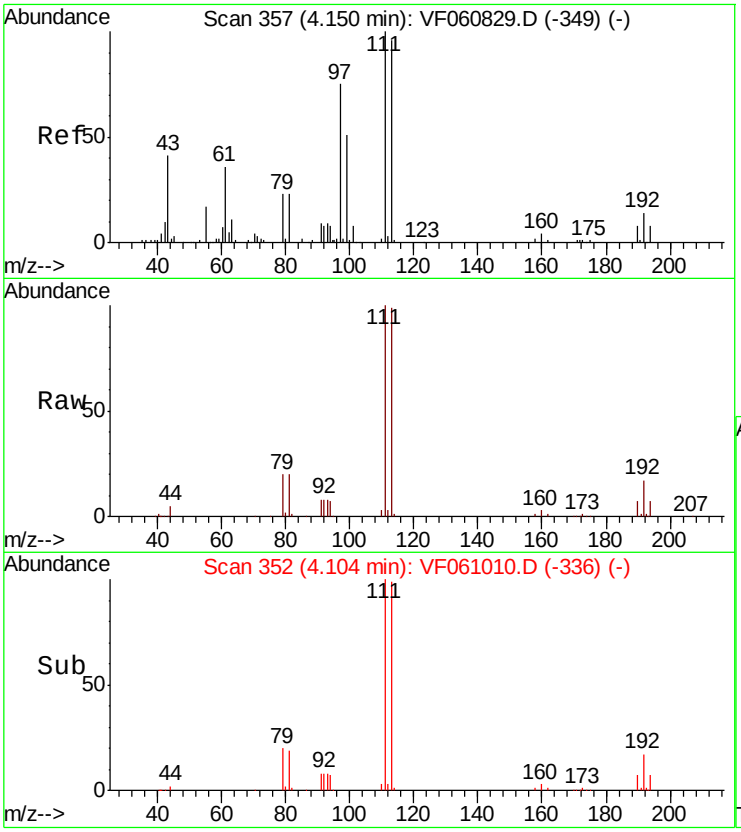


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.05 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Tgt Ion:114 Resp: 338953

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.6
88	19.6	0.0	36.6



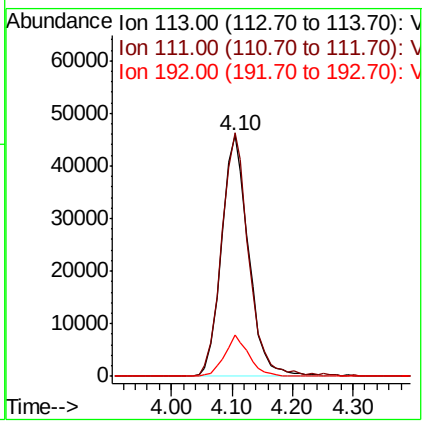


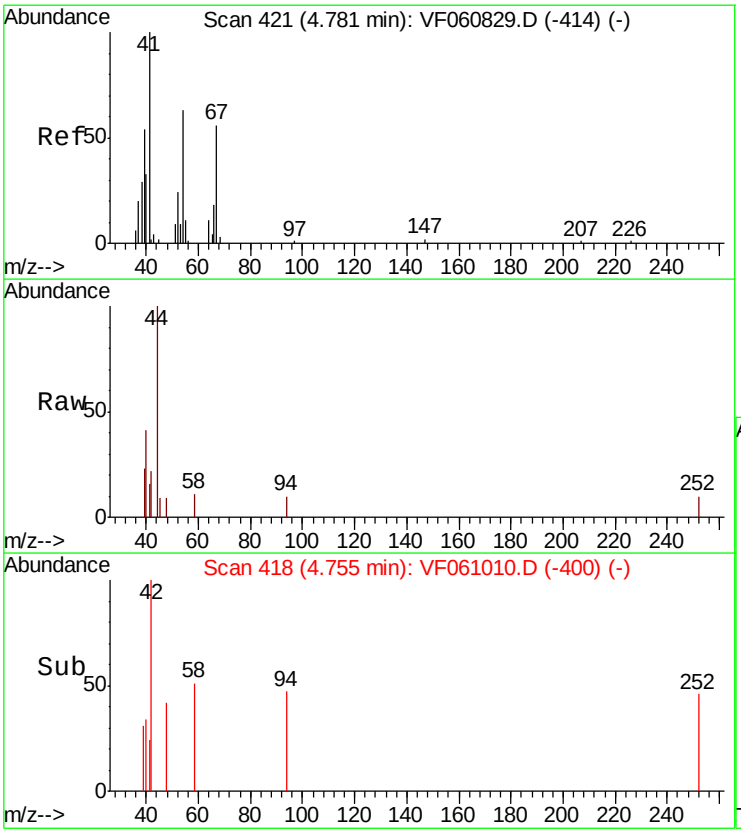
#35
Dibromofluoromethane
Concen: 52.856 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.05 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion:113 Resp: 142130

Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.0	124.6
192	17.3	12.3	18.5

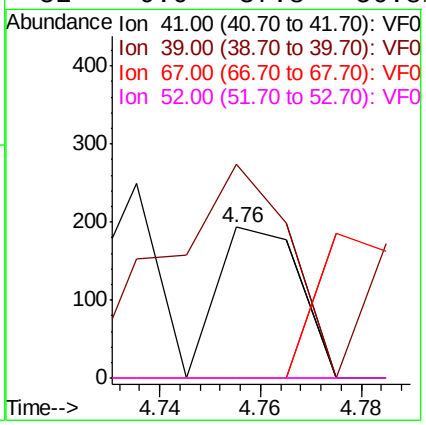


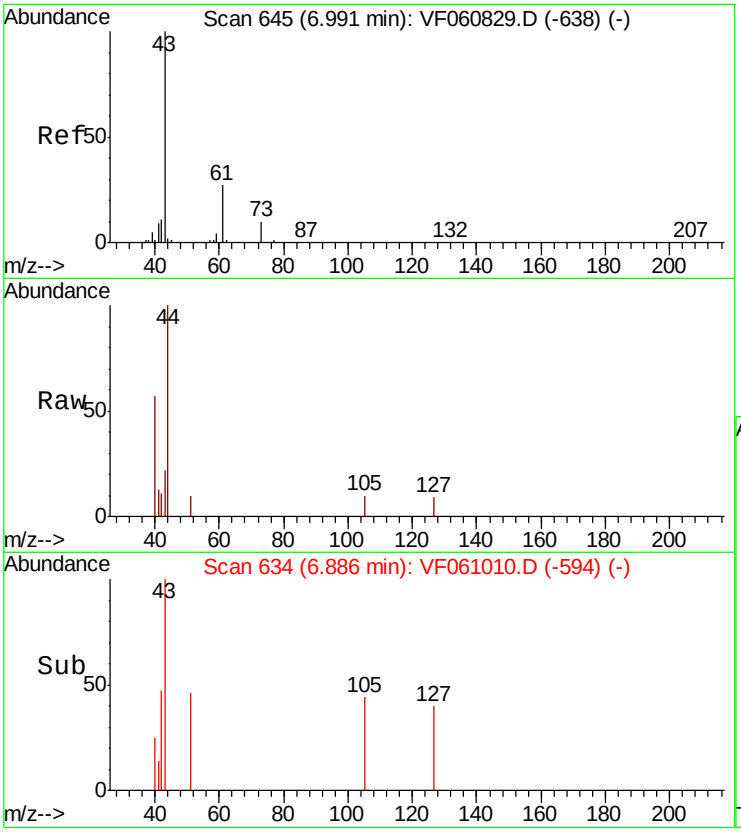


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.76 min Scan# 418
Delta R.T. -0.03 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Tgt Ion: 41 Resp: 219

Ion	Ratio	Lower	Upper
41	100		
39	142.0	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#



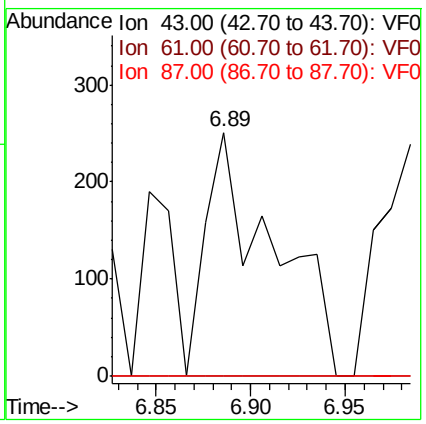


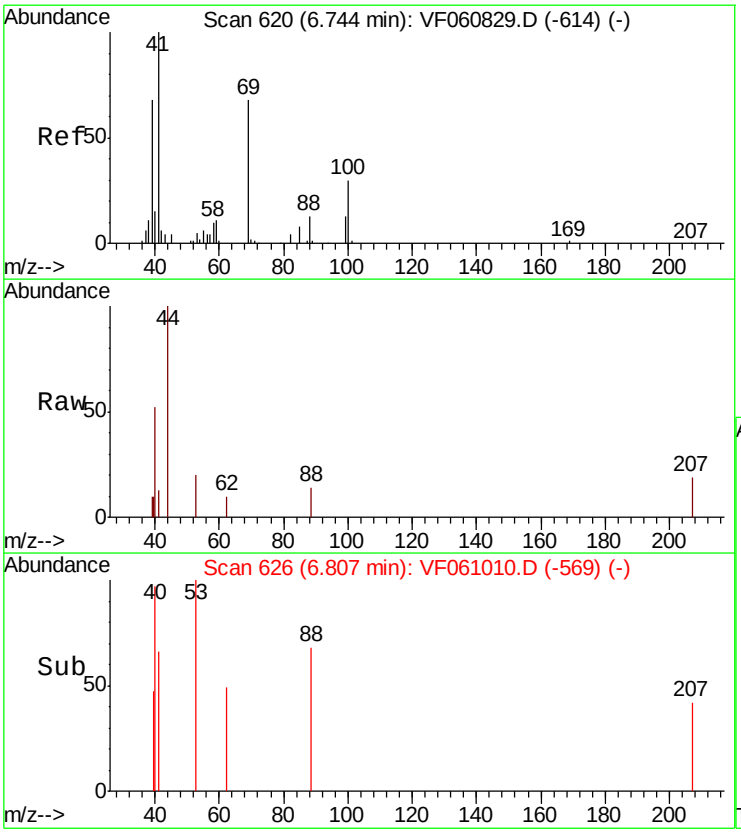
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.89 min Scan# 634
Delta R.T. -0.10 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 43 Resp: 622

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

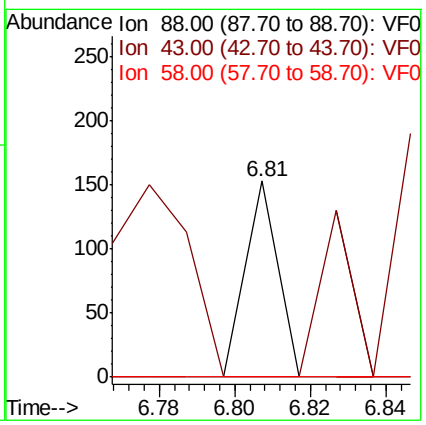


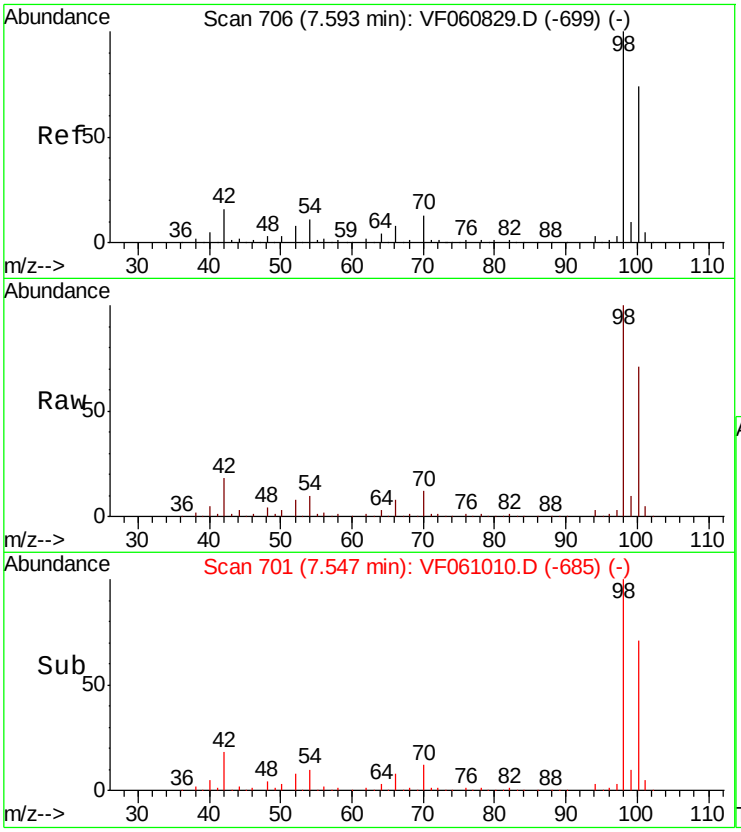


#49
1,4-Dioxane
Concen: 8.991 ug/l
RT: 6.81 min Scan# 626
Delta R.T. 0.06 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Tgt Ion: 88 Resp: 91

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



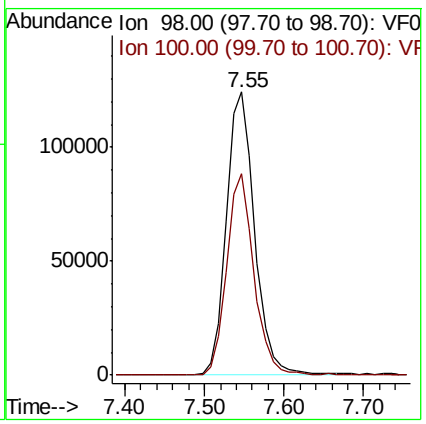


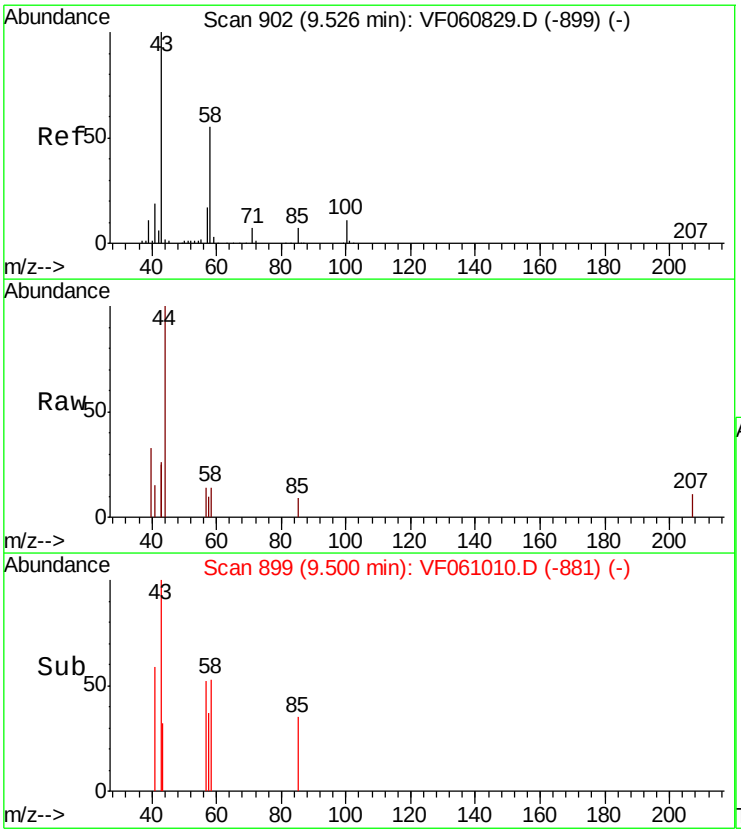
#50
Toluene-d8
Concen: 38.964 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 98 Resp: 308636

Ion	Ratio	Lower	Upper
98	100		
100	71.3	59.3	88.9

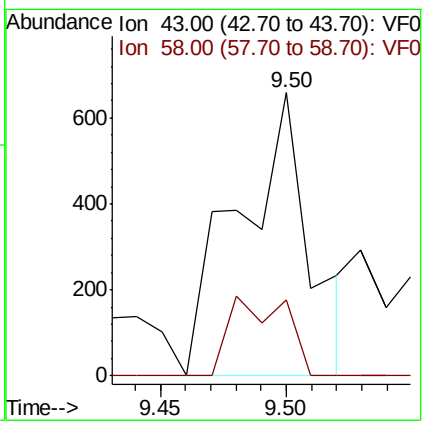


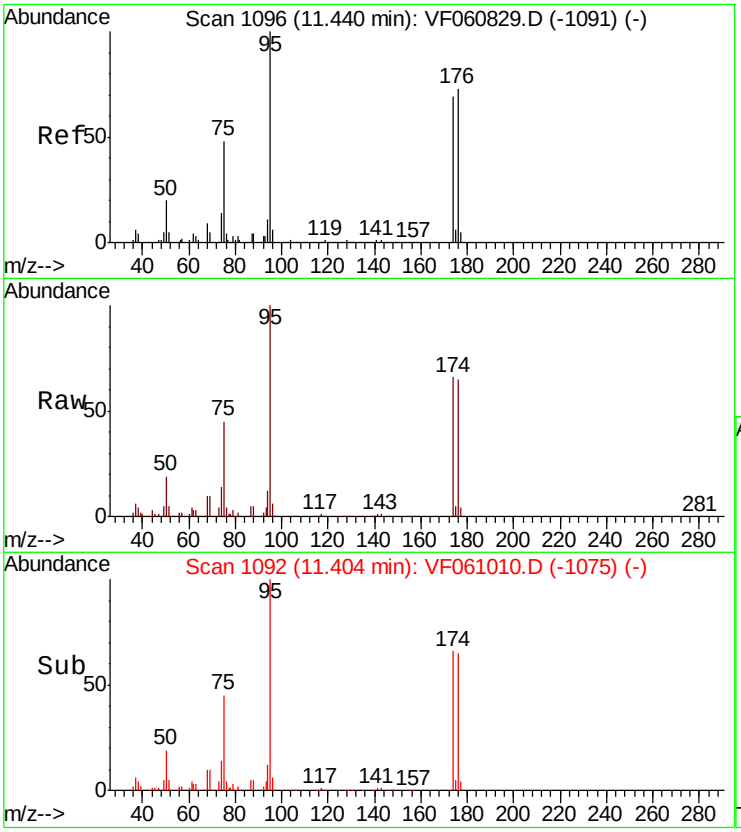


#59
2-Hexanone
Concen: 1.320 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.03 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Tgt Ion: 43 Resp: 1305

Ion	Ratio	Lower	Upper
43	100		
58	26.7	25.6	76.6



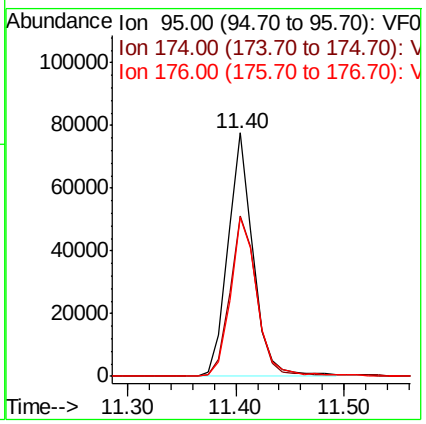


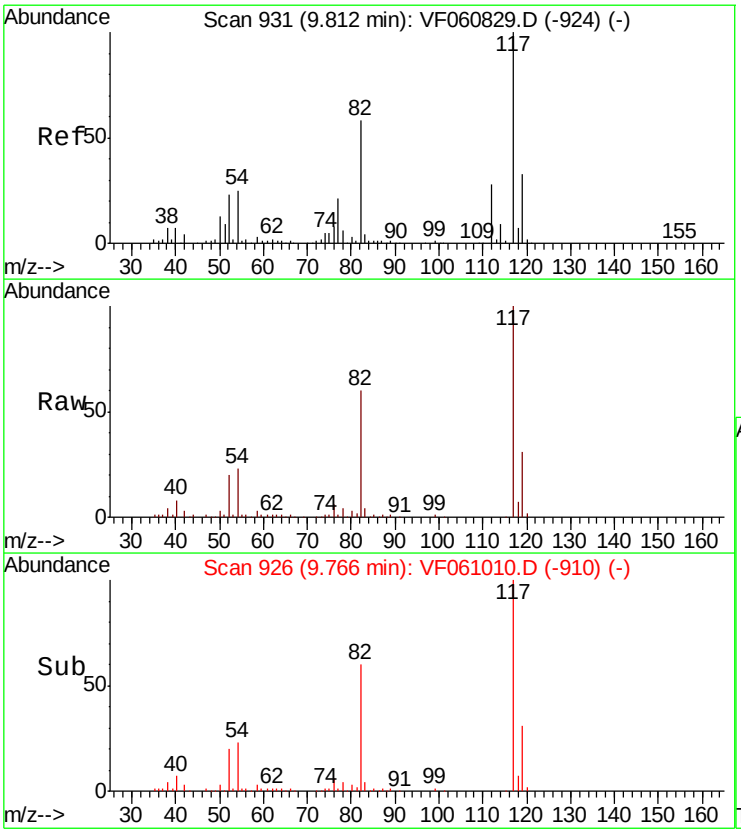
#62
4-Bromofluorobenzene
Concen: 35.237 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 95 Resp: 126852

Ion	Ratio	Lower	Upper
95	100		
174	65.7	0.0	138.2
176	65.3	0.0	146.2

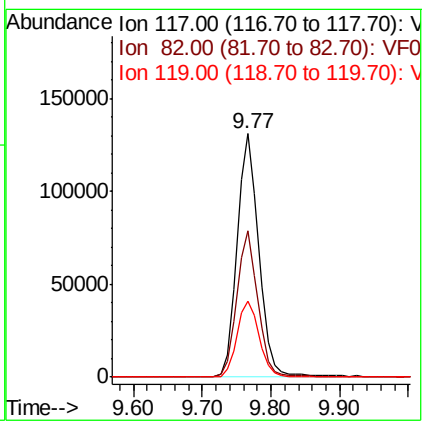


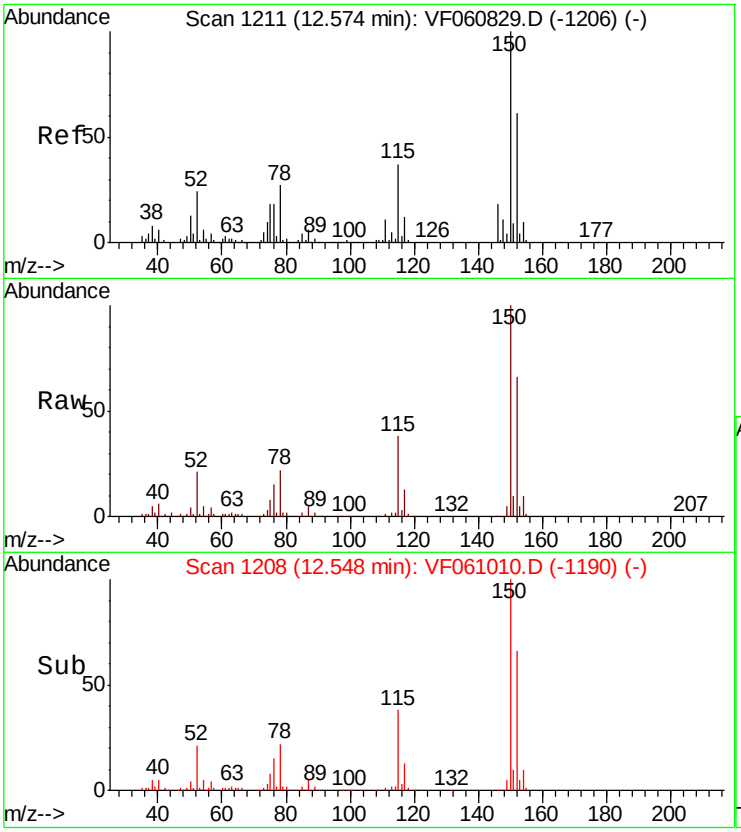


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.05 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Tgt Ion:117 Resp: 286258

Ion	Ratio	Lower	Upper
117	100		
82	60.1	46.6	69.8
119	31.1	26.4	39.6



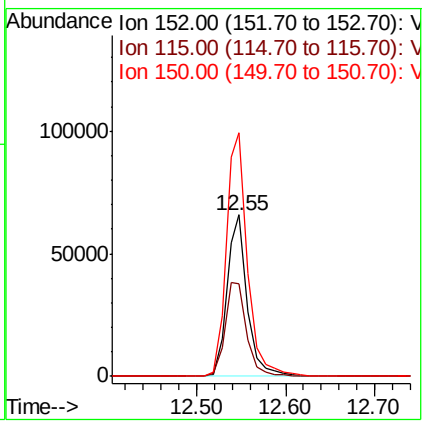


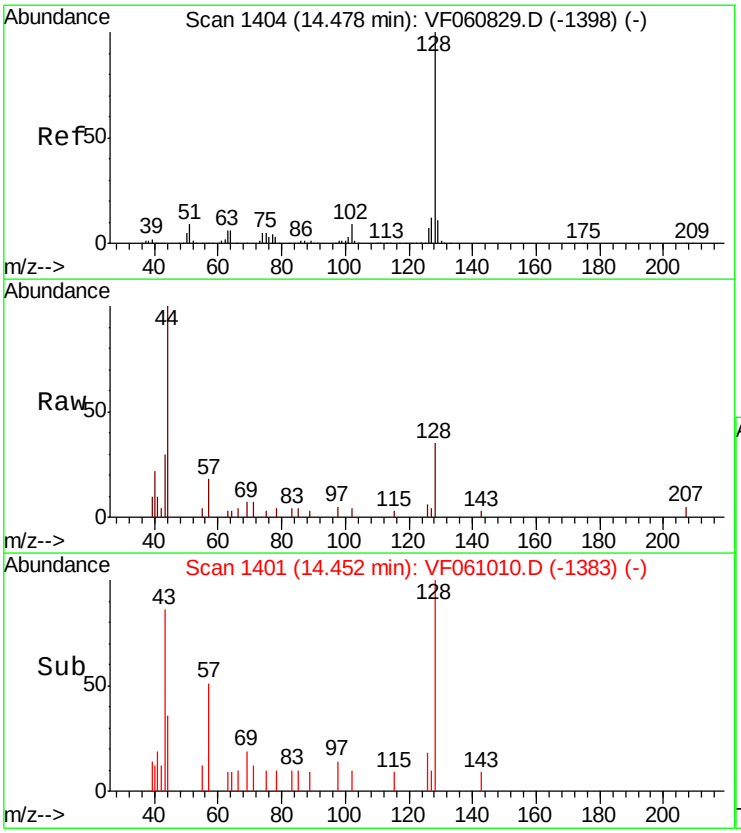
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion:152 Resp: 105835

Ion	Ratio	Lower	Upper
152	100		
115	57.1	30.1	90.5
150	151.2	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.45 min Scan# 1401
Delta R.T. -0.03 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Tgt Ion:128 Resp: 1571

Ion	Ratio	Lower	Upper
128	100		
127	10.1	9.9	14.9
129	0.0	9.1	13.7#