Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121118\
Data File : VF060993.D
Acq On : 11 Dec 2018 23:14
Operator : VA/AP
Sample : J6316-19
Misc : 5.62g/5mL/MSVOA-F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-3

Quant Time: Dec 12 06:30:38 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	198570	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.60	114	355620	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	324707	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.56	152	154361	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	123292	52.71	ug/l	-0.03
Spiked Amount 50.000			Recovery = 105.42%			
35) Dibromofluoromethane	4.11	113	136499	48.38	ug/l	-0.04
Spiked Amount 50.000			Recovery = 96.76%			
50) Toluene-d8	7.56	98	318739	38.35	ug/l	-0.04
Spiked Amount 50.000			Recovery = 76.70%			
62) 4-Bromofluorobenzene	11.41	95	151806	40.19	ug/l	-0.03
Spiked Amount 50.000			Recovery = 80.38%			
Target Compounds						Qvalue
8) Diethyl Ether	1.64	74	678	1.219	ug/l	65
13) Acrolein	1.99	56	670	7.375	ug/l	96
15) Acrylonitrile	2.93	53	405	1.884	ug/l #	21
16) Acetone	2.28	43	792	1.836	ug/l	96
18) Methyl Acetate	2.38	43	1937	1.061	ug/l #	61
20) Methylene Chloride	2.25	84	15824	9.999	ug/l #	90
25) 2-Butanone	4.35	43	763	1.023	ug/l #	57
41) Methacrylonitrile	4.75	41	62	Below Cal	#	6
43) Isopropyl Acetate	6.97	43	275	Below Cal	#	49
49) 1,4-Dioxane	7.02	88	62	5.839	ug/l #	17
95) Naphthalene	14.46	128	1260	Below Cal	#	84

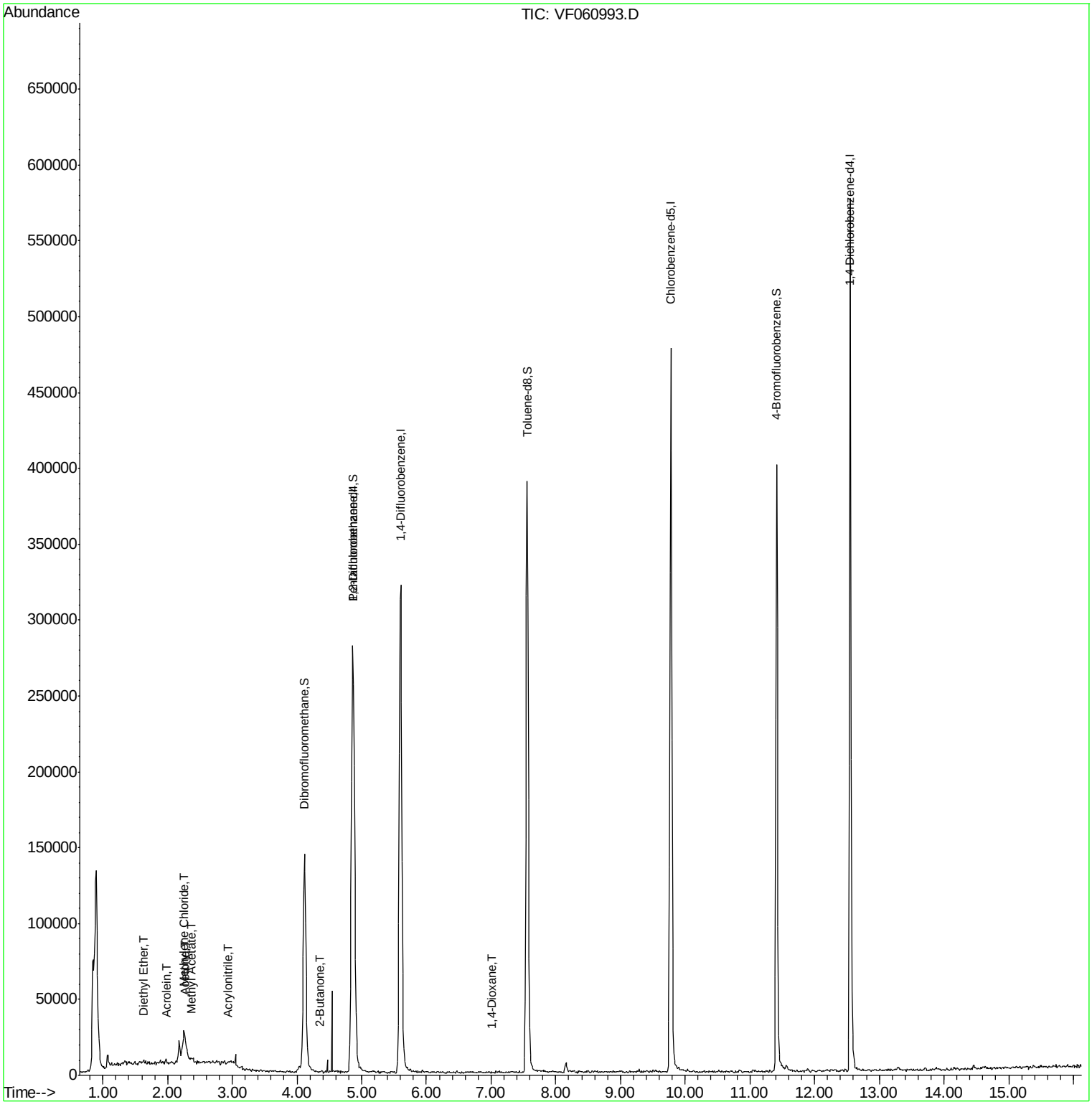
(#) = qualifier out of range (m) = manual integration (+) = signals summed

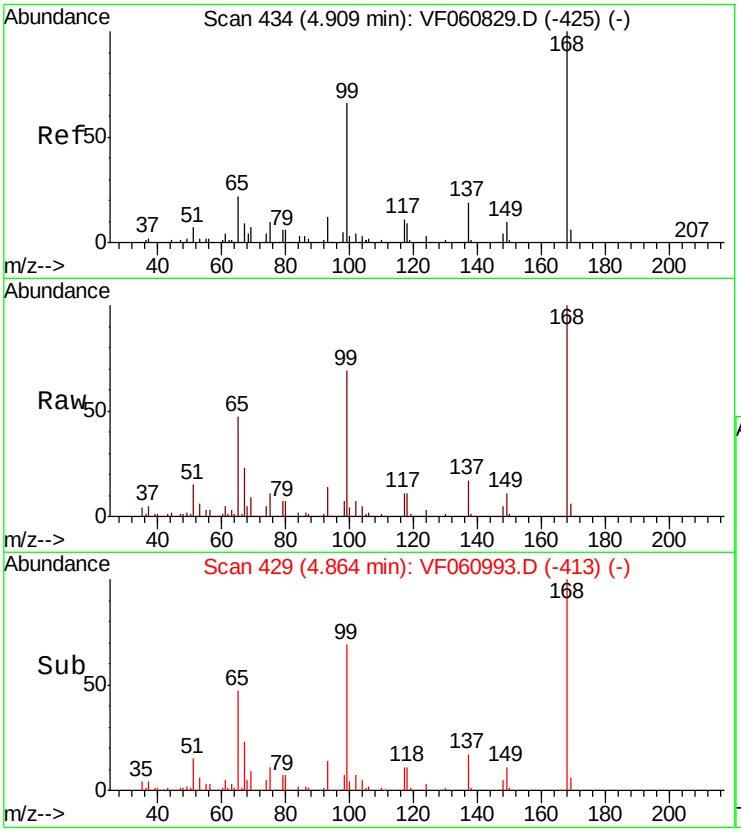
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121118\
Data File : VF060993.D
Acq On : 11 Dec 2018 23:14
Operator : VA/AP
Sample : J6316-19
Misc : 5.62g/5mL/MSVOA-F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Quant Time: Dec 12 06:30:38 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



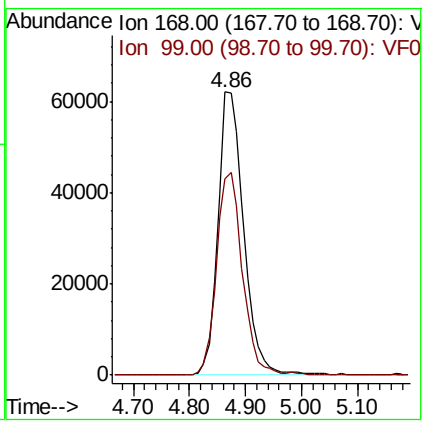


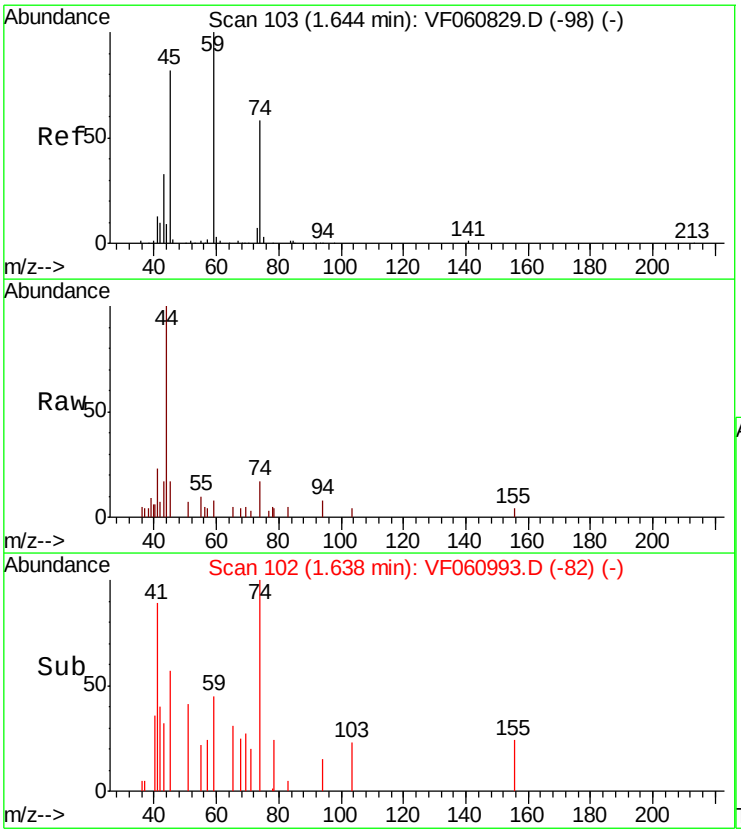
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.05 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion:168 Resp: 198570

Ion	Ratio	Lower	Upper
168	100		
99	69.3	52.6	79.0

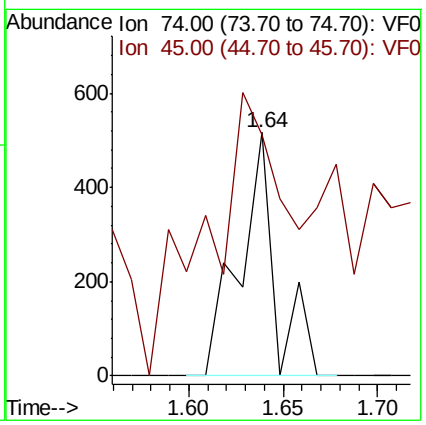


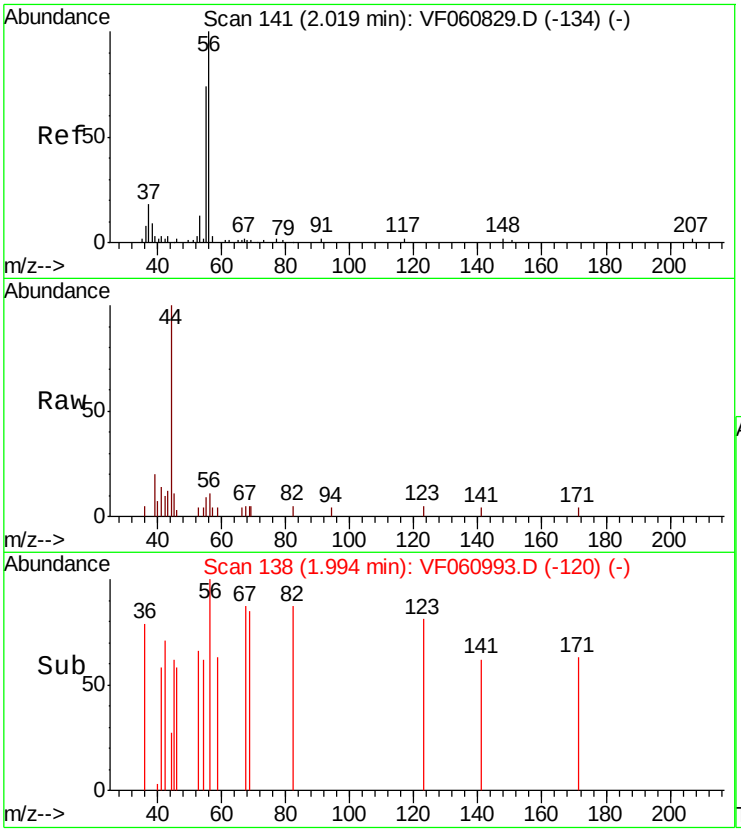


#8
Diethyl Ether
Concen: 1.219 ug/l
RT: 1.64 min Scan# 102
Delta R.T. -0.01 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Tgt Ion: 74 Resp: 678

Ion	Ratio	Lower	Upper
74	100		
45	98.8	71.0	212.8



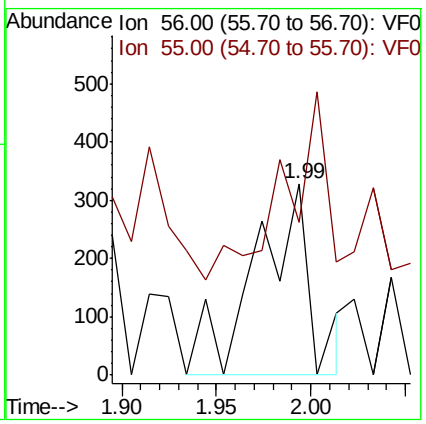


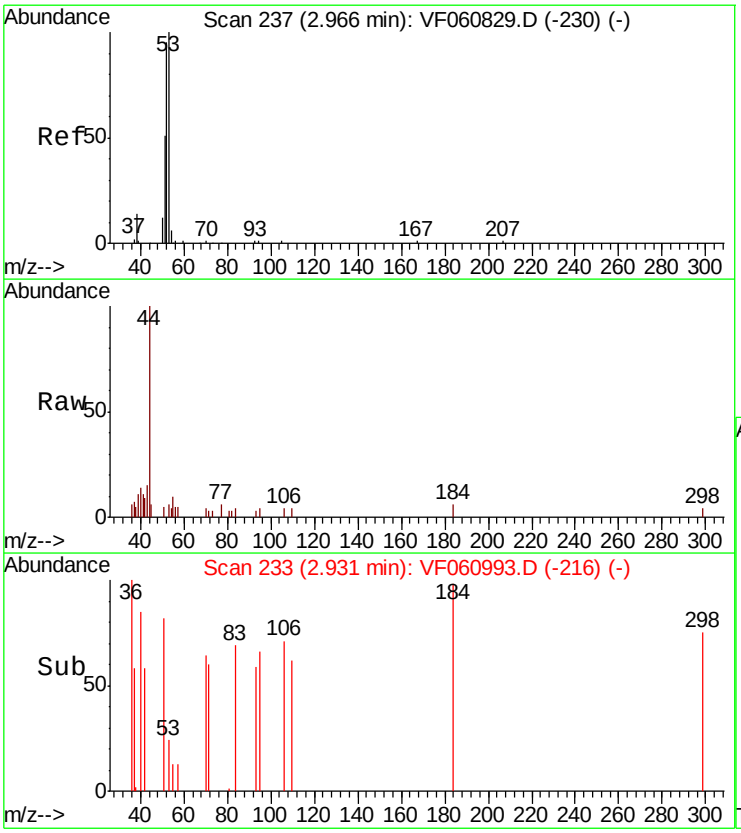
#13
Acrolein
Concen: 7.375 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.03 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion: 56 Resp: 670

Ion	Ratio	Lower	Upper
56	100		
55	79.6	61.2	91.8

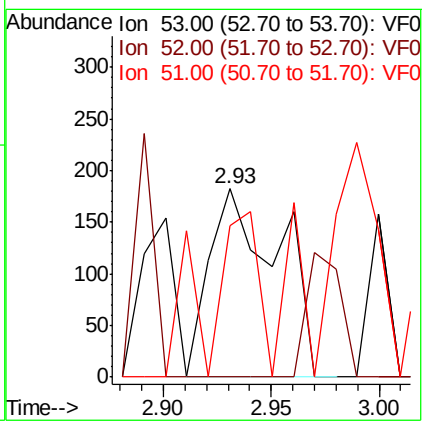


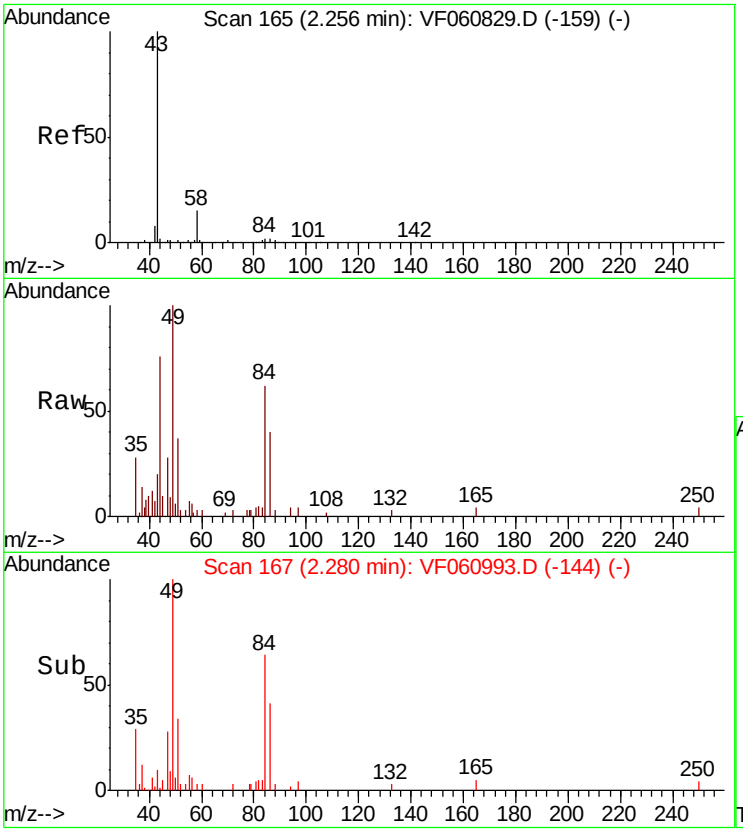


#15
Acrylonitrile
Concen: 1.884 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.04 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Tgt Ion: 53 Resp: 405

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	80.8	40.7	61.1#



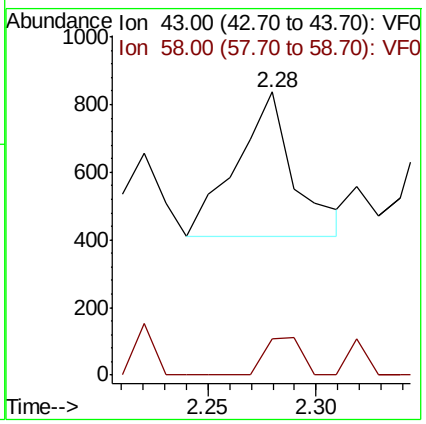


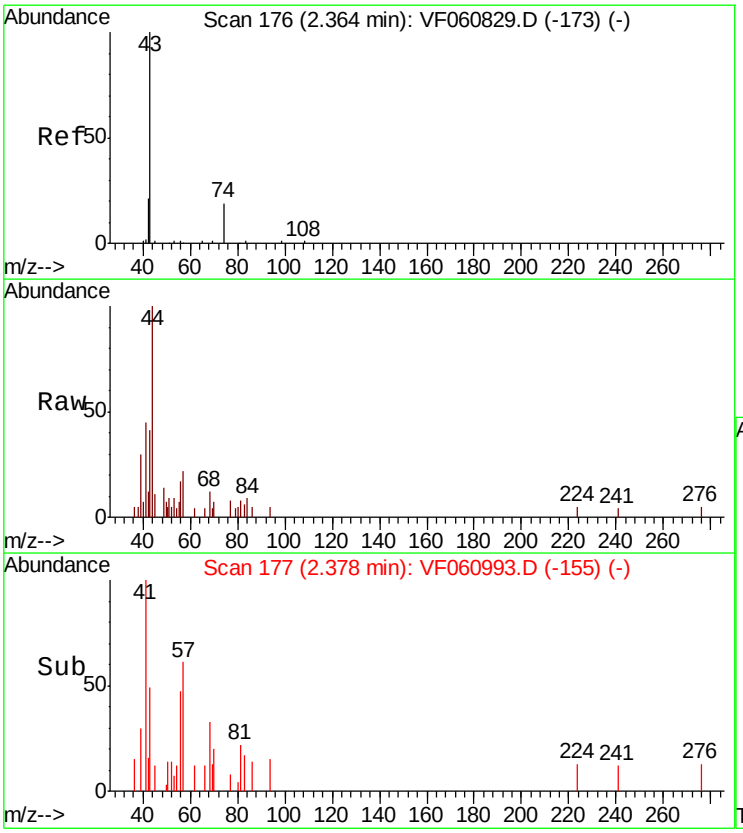
#16
Acetone
Concen: 1.836 ug/l
RT: 2.28 min Scan# 167
Delta R.T. 0.02 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion: 43 Resp: 792

Ion	Ratio	Lower	Upper
43	100		
58	12.7	11.4	17.2

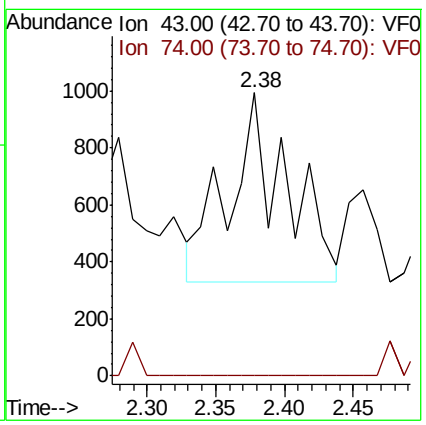


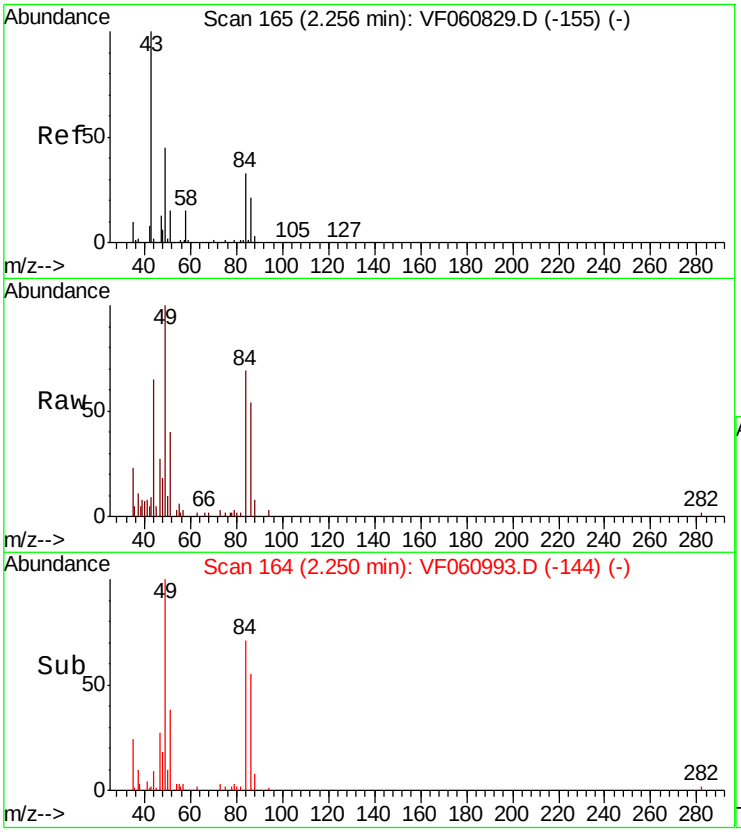


#18
Methyl Acetate
Concen: 1.061 ug/l
RT: 2.38 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Tgt Ion: 43 Resp: 1937

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#



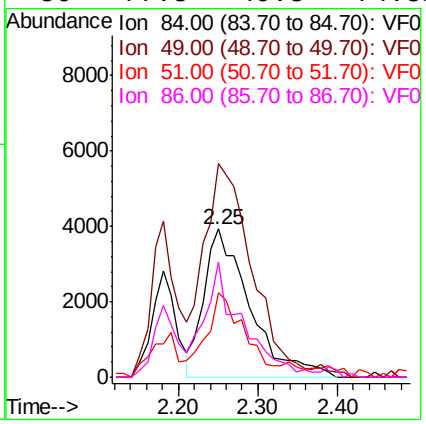


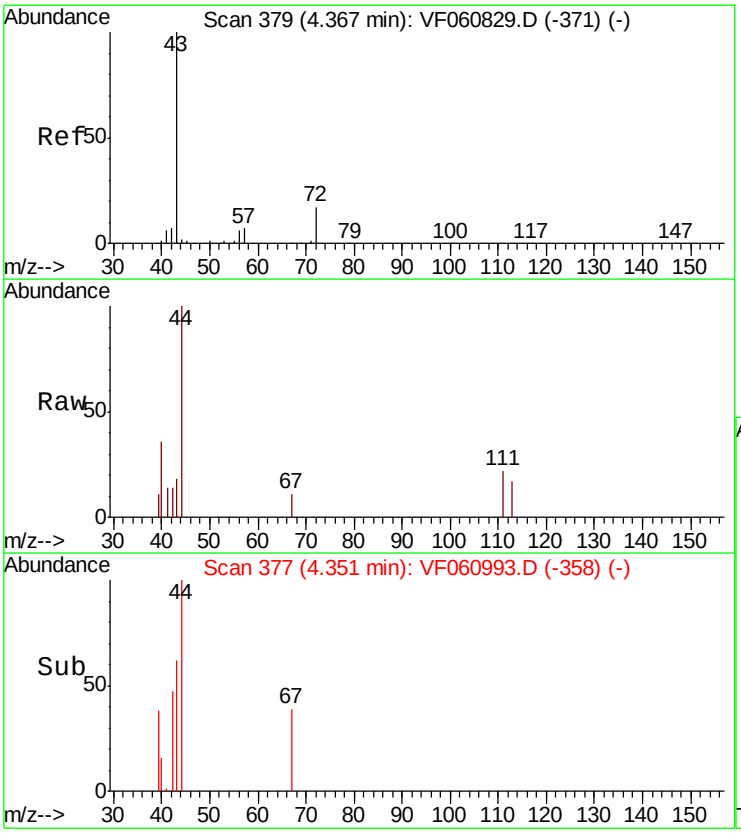
#20
Methylene Chloride
Concen: 9.999 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion: 84 Resp: 15824

Ion	Ratio	Lower	Upper
84	100		
49	144.3	111.3	166.9
51	57.1	38.0	57.0#
86	77.8	49.8	74.8#

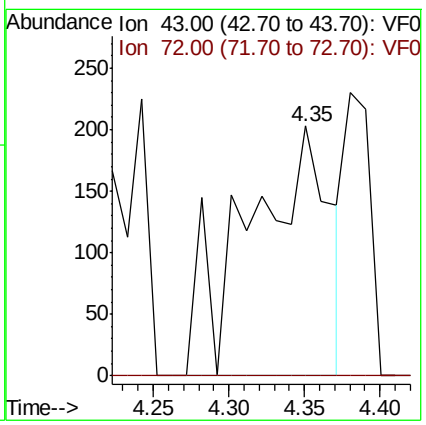


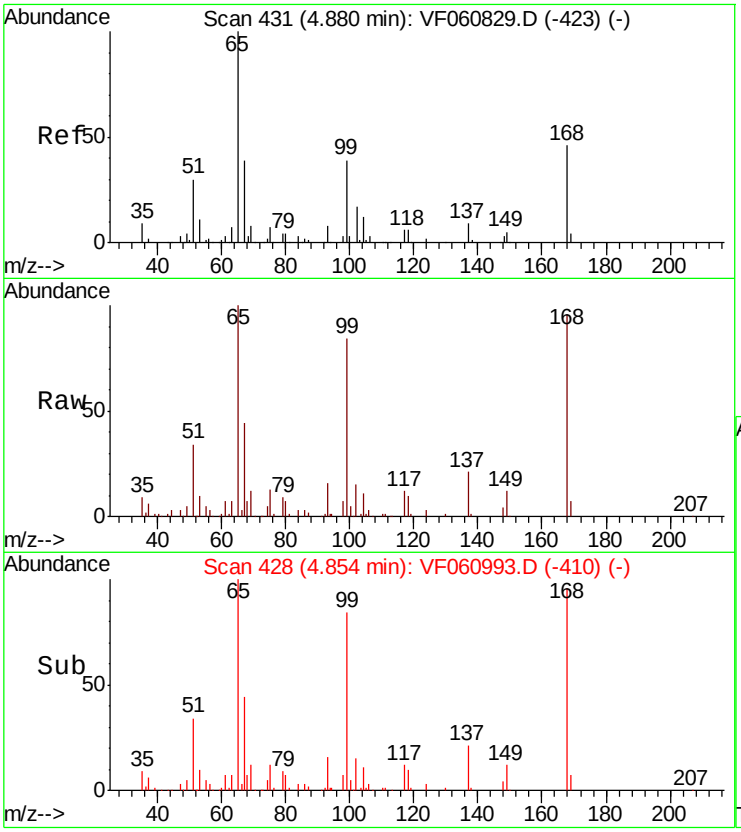


#25
2-Butanone
Concen: 1.023 ug/l
RT: 4.35 min Scan# 377
Delta R.T. -0.02 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Tgt Ion: 43 Resp: 763

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#



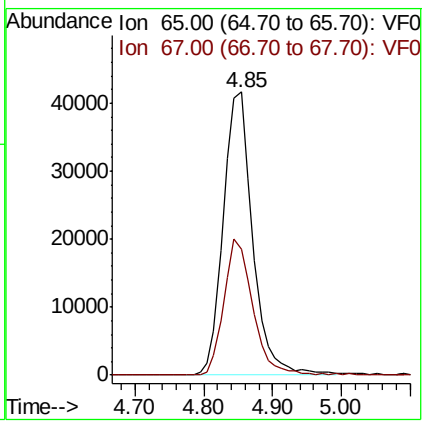


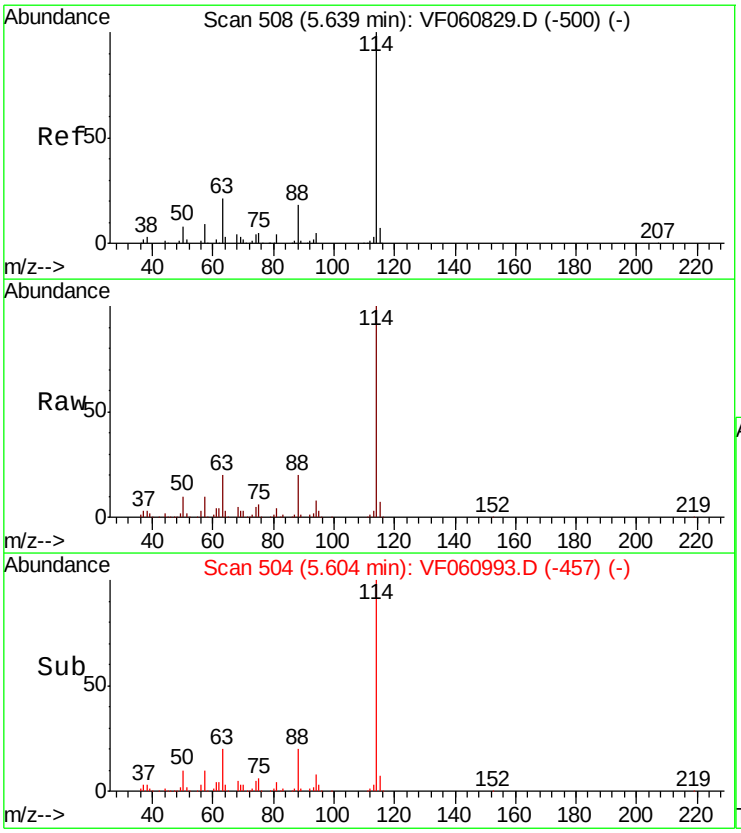
#33
1,2-Dichloroethane-d4
Concen: 52.706 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion: 65 Resp: 123292

Ion	Ratio	Lower	Upper
65	100		
67	44.3	0.0	96.4

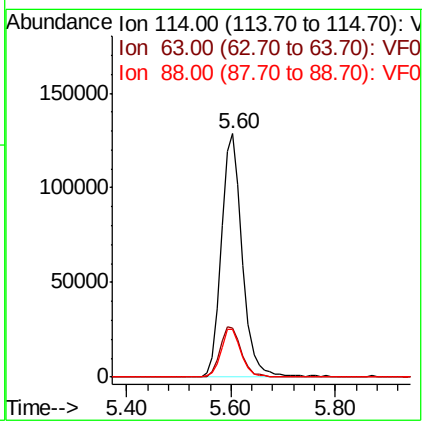


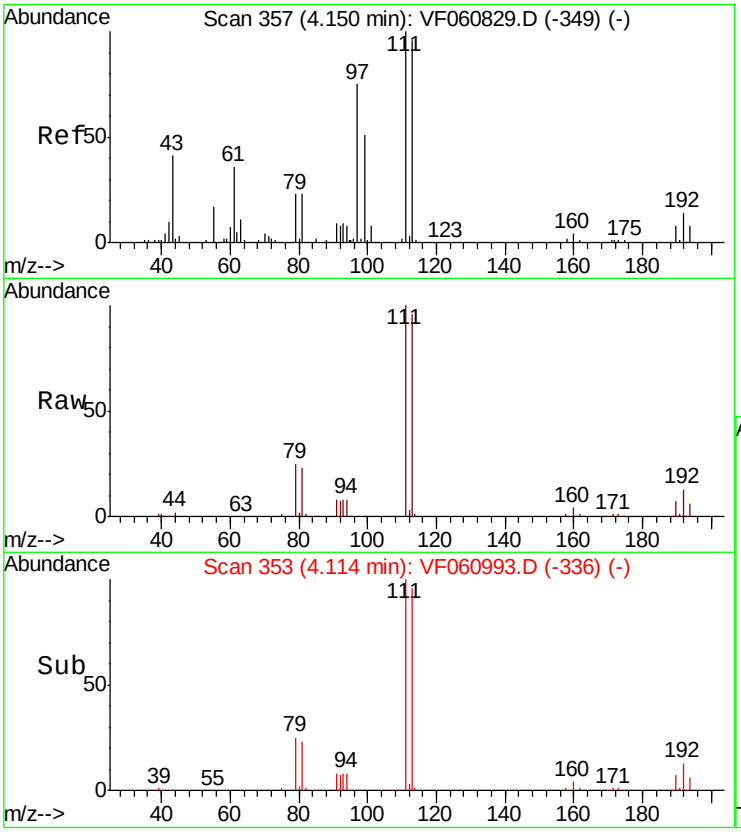


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.04 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Tgt Ion:114 Resp: 355620

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.6
88	19.7	0.0	36.6



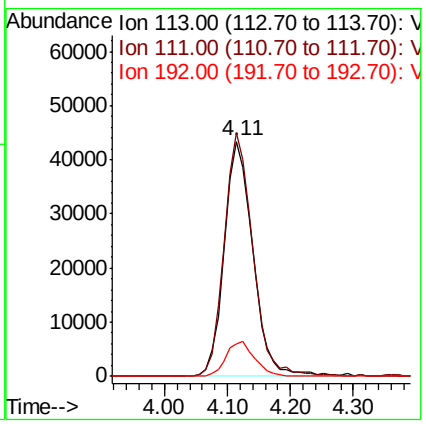


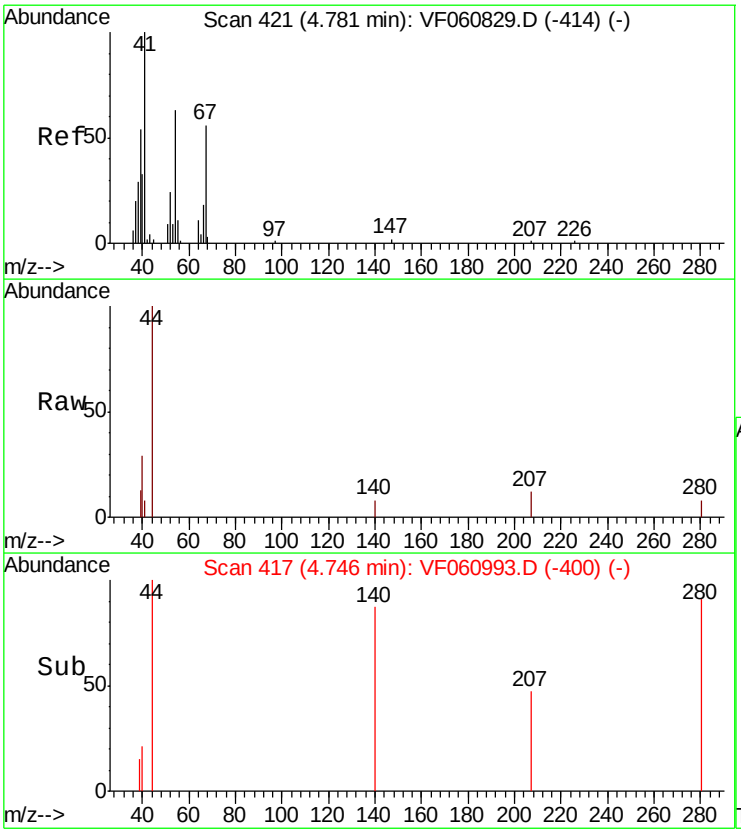
#35
Dibromofluoromethane
Concen: 48.383 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion:113 Resp: 136499

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.0	124.6
192	14.0	12.3	18.5

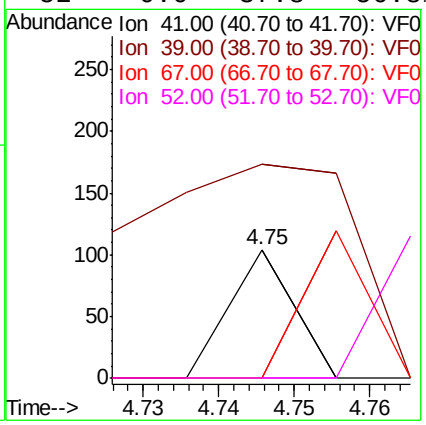


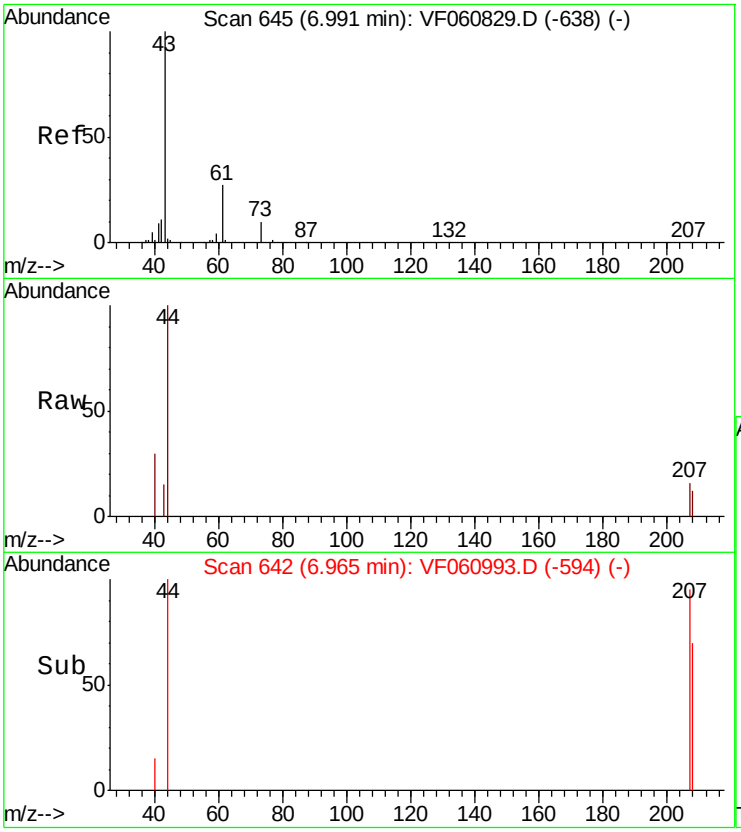


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.75 min Scan# 417
Delta R.T. -0.04 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Tgt Ion: 41 Resp: 62

Ion	Ratio	Lower	Upper
41	100		
39	166.3	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#



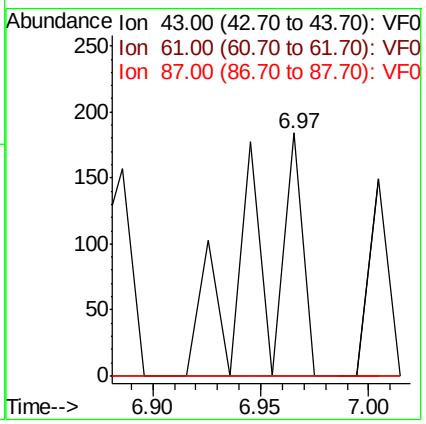


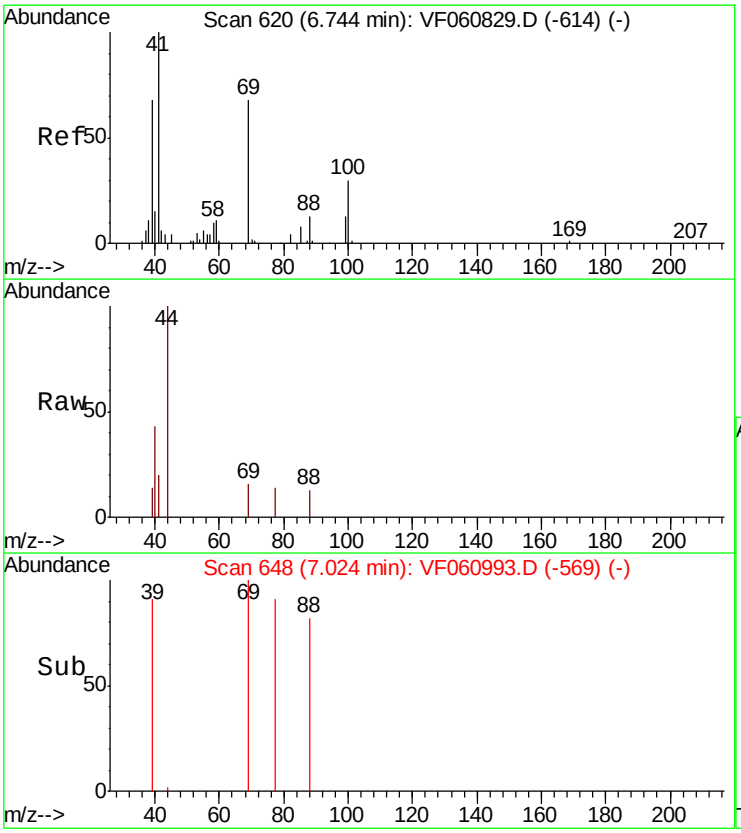
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.97 min Scan# 642
Delta R.T. -0.02 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion: 43 Resp: 275

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

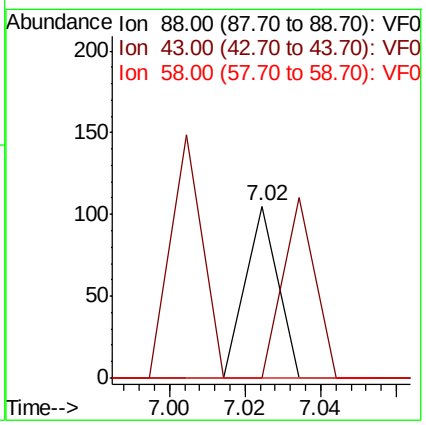


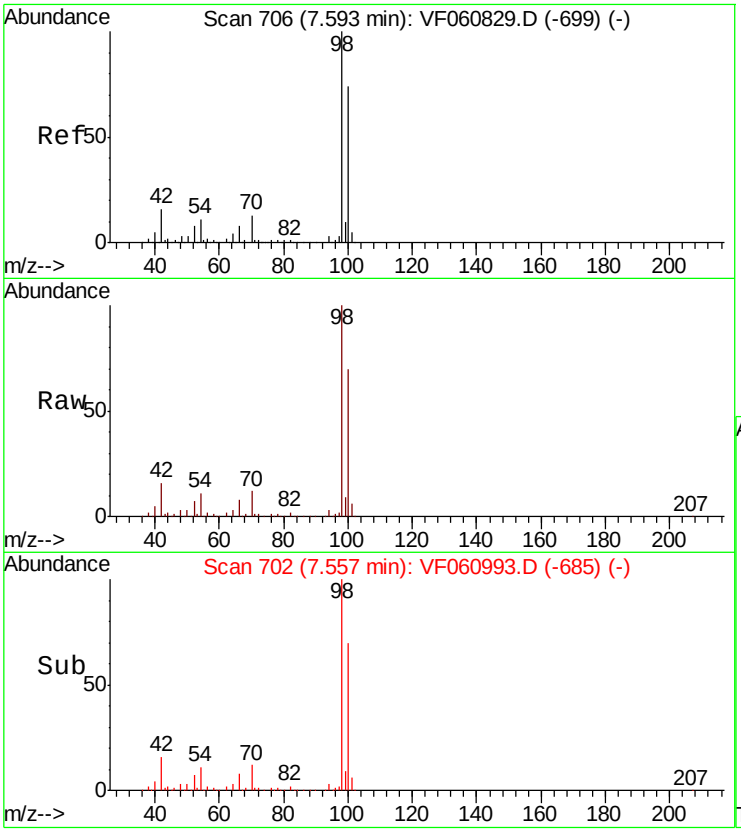


#49
1,4-Dioxane
Concen: 5.839 ug/l
RT: 7.02 min Scan# 648
Delta R.T. 0.28 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Tgt Ion: 88 Resp: 62

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



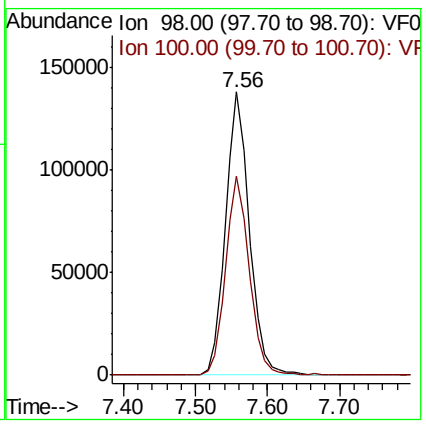


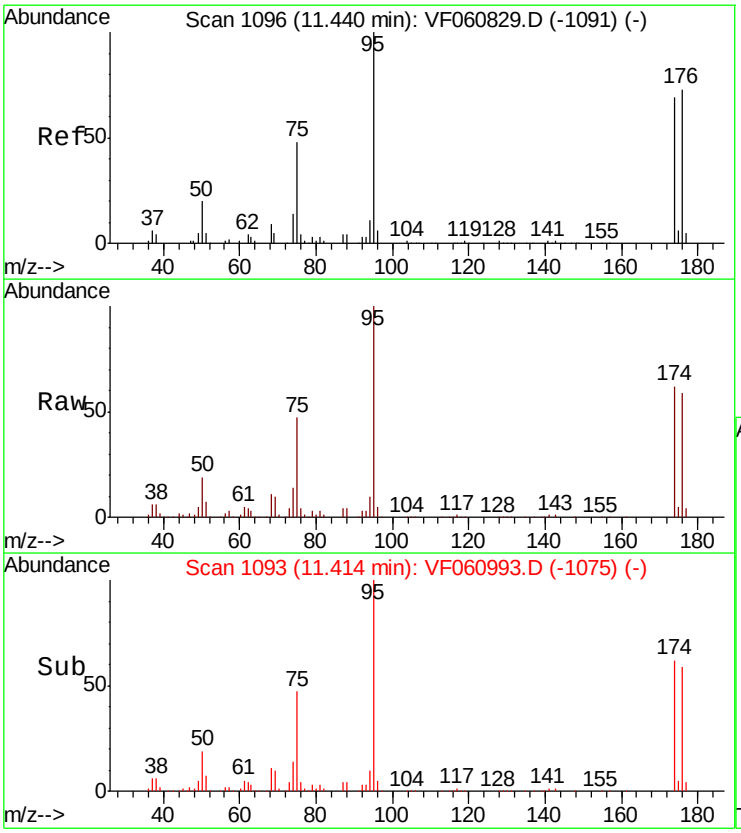
#50
Toluene-d8
Concen: 38.354 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion: 98 Resp: 318739

Ion	Ratio	Lower	Upper
98	100		
100	70.4	59.3	88.9

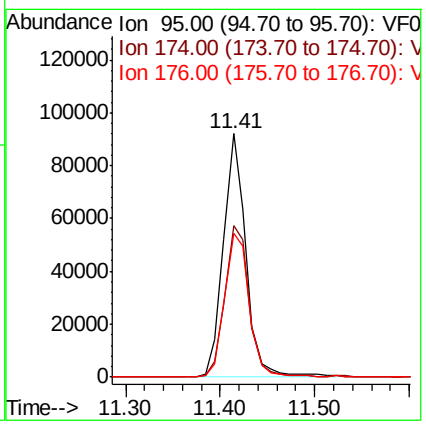


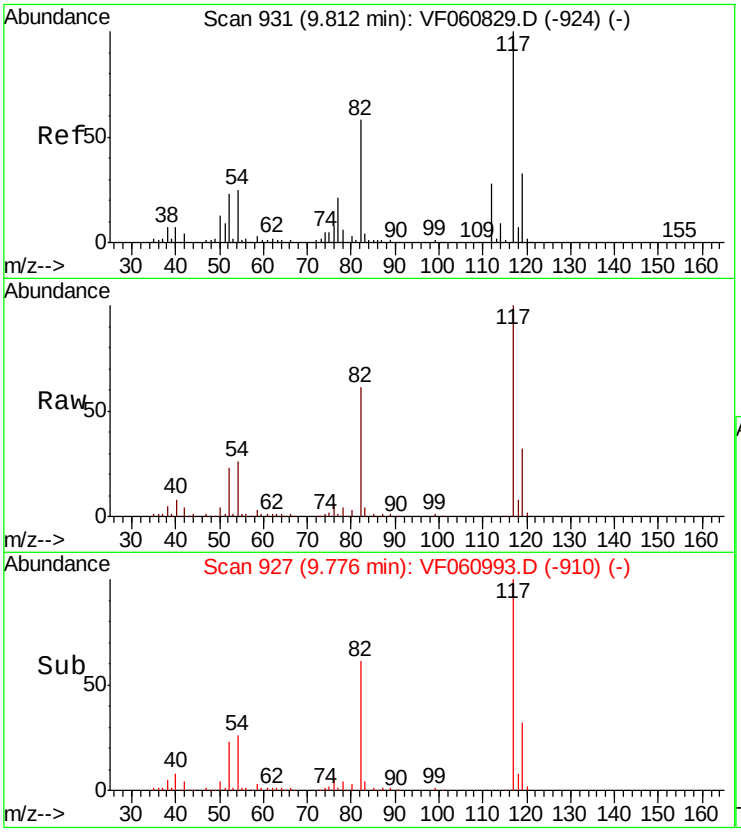


#62
4-Bromofluorobenzene
Concen: 40.192 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Tgt Ion: 95 Resp: 151806

Ion	Ratio	Lower	Upper
95	100		
174	62.5	0.0	138.2
176	59.1	0.0	146.2



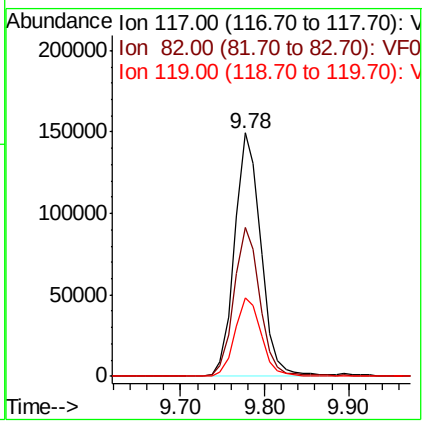


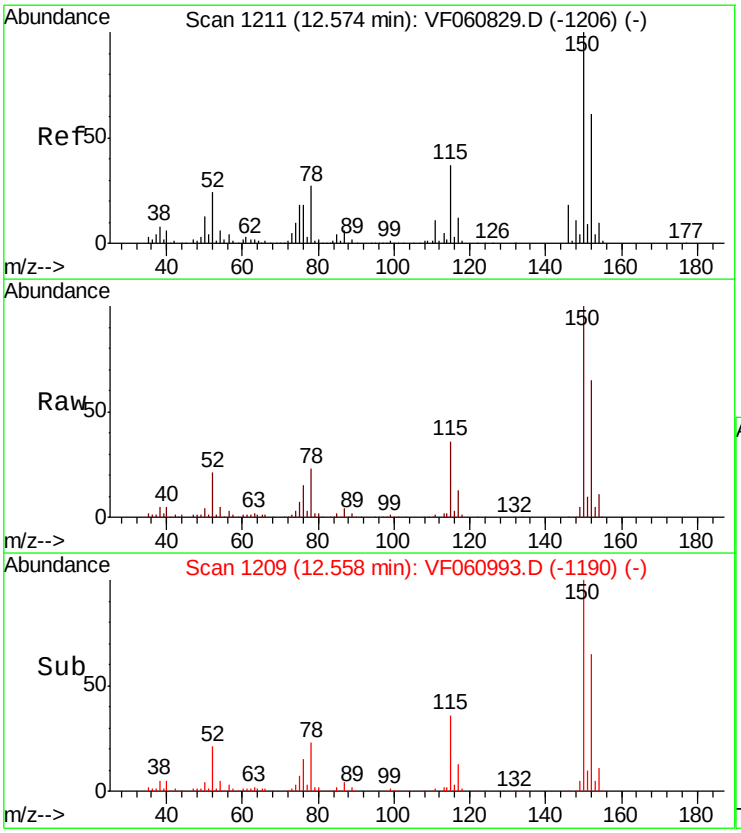
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion:117 Resp: 324707

Ion	Ratio	Lower	Upper
117	100		
82	61.3	46.6	69.8
119	32.0	26.4	39.6

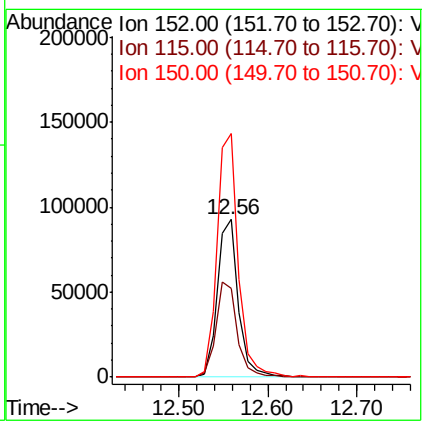


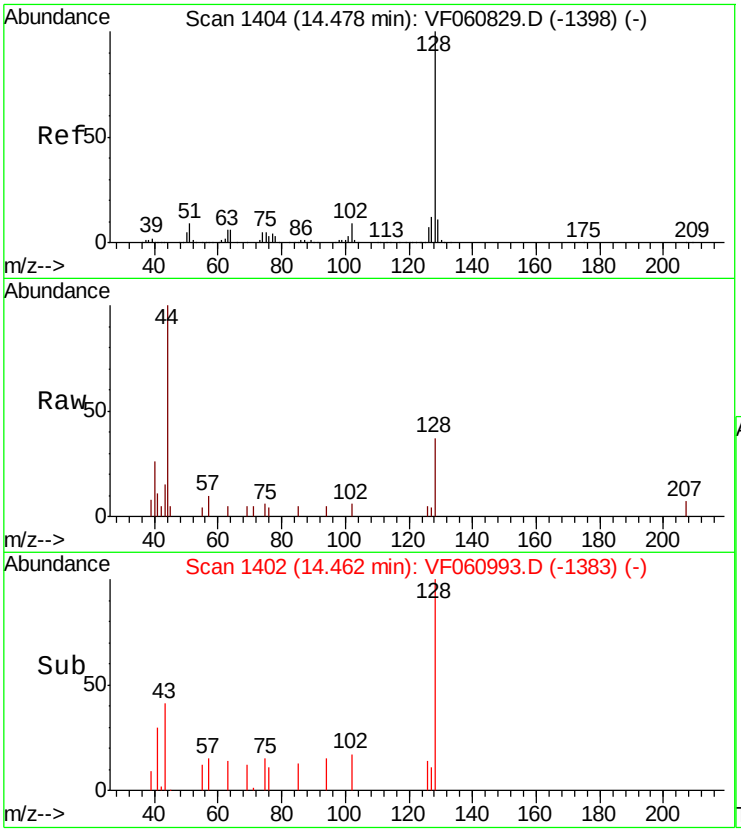


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Tgt Ion:152 Resp: 154361

Ion	Ratio	Lower	Upper
152	100		
115	56.3	30.1	90.5
150	154.3	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.46 min Scan# 1402
Delta R.T. -0.02 min
Lab File: VF060993.D
Acq: 11 Dec 2018 23:14

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-3

Tgt Ion:128 Resp: 1260

Ion	Ratio	Lower	Upper
128	100		
127	11.3	9.9	14.9
129	0.0	9.1	13.7#