Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031819\
Data File : VF062004.D
Acq On : 18 Mar 2019 18:27
Operator : VA/AP
Sample : K1958-01
Misc : 6.90g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-1

Quant Time: Mar 19 01:24:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	47995	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	46104	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	24286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	8606	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	4190	12.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 24.26%			
35) Dibromofluoromethane	4.10	113	10572	34.15	ug/l	-0.01
Spiked Amount 50.000			Recovery = 68.30%			
50) Toluene-d8	7.54	98	29725	32.84	ug/l	-0.01
Spiked Amount 50.000			Recovery = 65.68%			
62) 4-Bromofluorobenzene	11.41	95	8267	22.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 45.98%			
Target Compounds						Qvalue
8) Diethyl Ether	1.60	74	171	1.155	ug/l	61
13) Acrolein	1.94	56	400	17.527	ug/l	94
15) Acrylonitrile	2.93	53	246	3.827	ug/l #	18
16) Acetone	2.09	43	1110	14.308	ug/l	99
18) Methyl Acetate	2.42	43	893	5.626	ug/l #	63
20) Methylene Chloride	2.17	84	1264	3.165	ug/l #	70
29) Tetrahydrofuran	4.05	42	145	2.170	ug/l #	33
37) Ethyl Acetate	4.09	43	321	1.717	ug/l #	19
41) Methacrylonitrile	4.72	41	173	1.732	ug/l #	22
51) 4-Methyl-2-Pentanone	8.22	43	198	1.261	ug/l #	36
74) N-amyl acetate	11.37	43	196	1.439	ug/l #	43

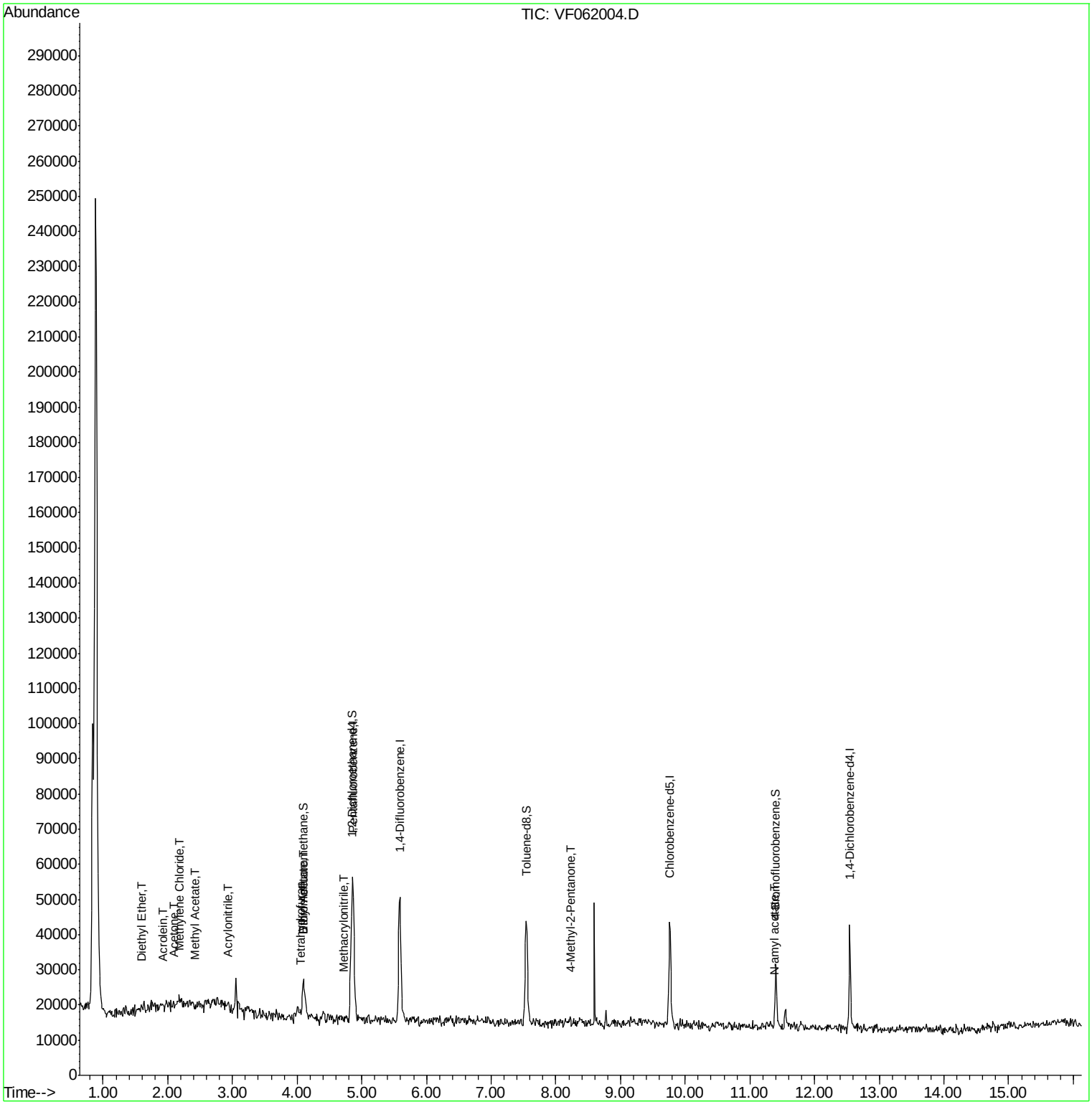
(#) = qualifier out of range (m) = manual integration (+) = signals summed

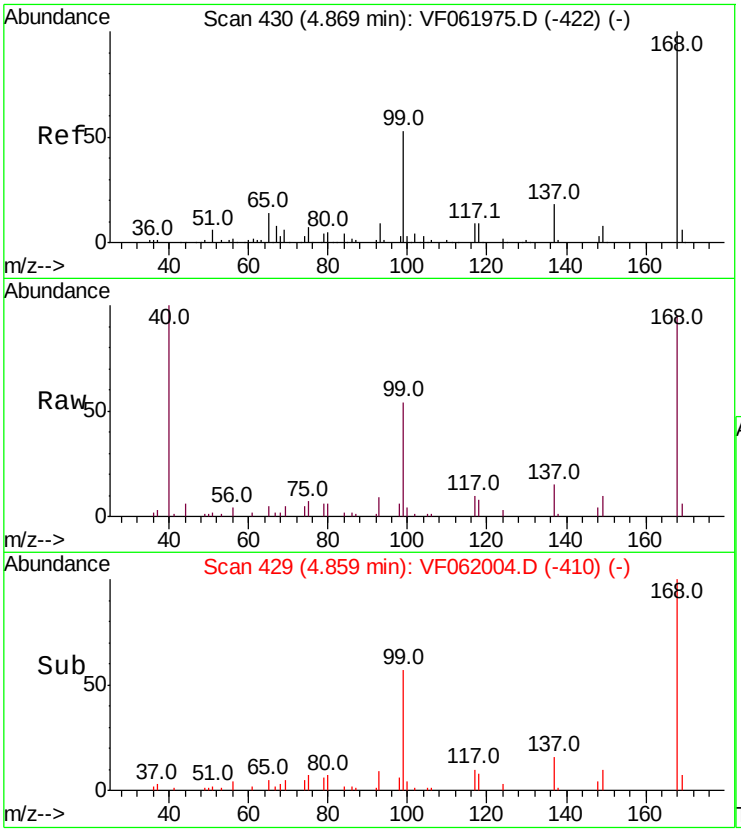
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
Data File : VF062004.D
Acq On : 18 Mar 2019 18:27
Operator : VA/AP
Sample : K1958-01
Misc : 6.90g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-1

Quant Time: Mar 19 01:24:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration



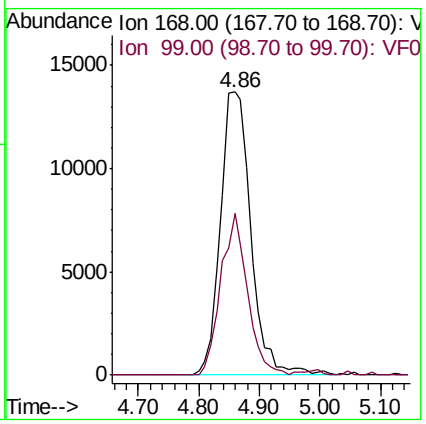


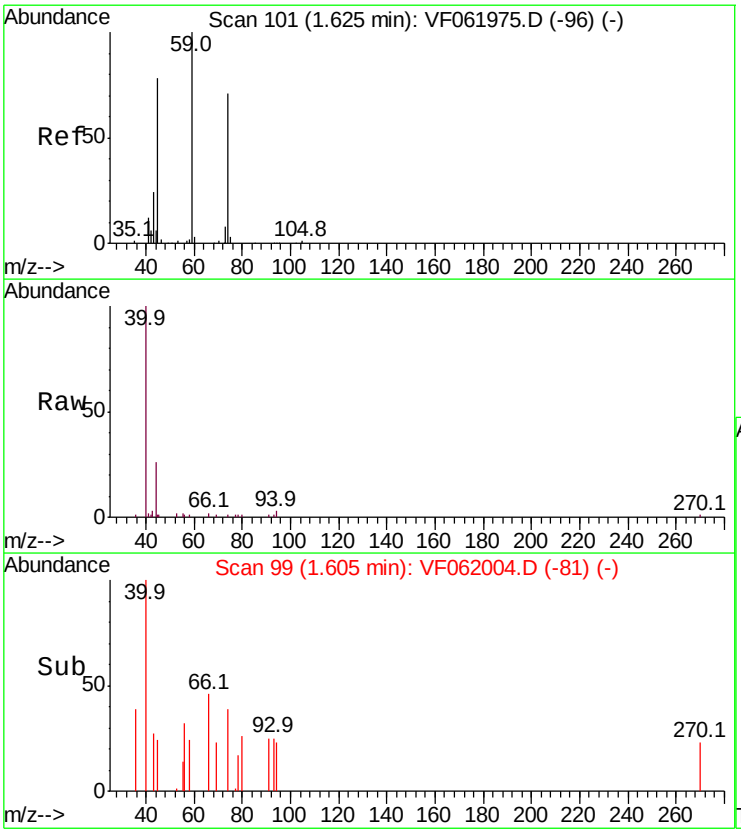
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.01 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Instrument :
MSVOA_F
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 47995

Ion	Ratio	Lower	Upper
168	100		
99	57.1	42.4	63.6

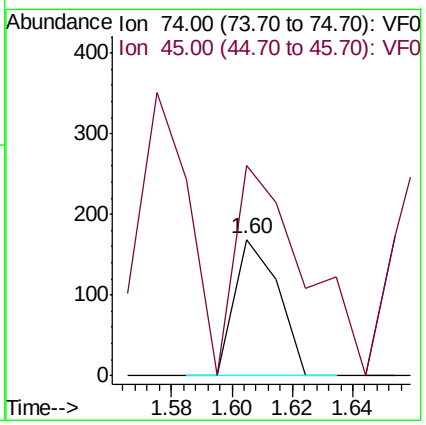


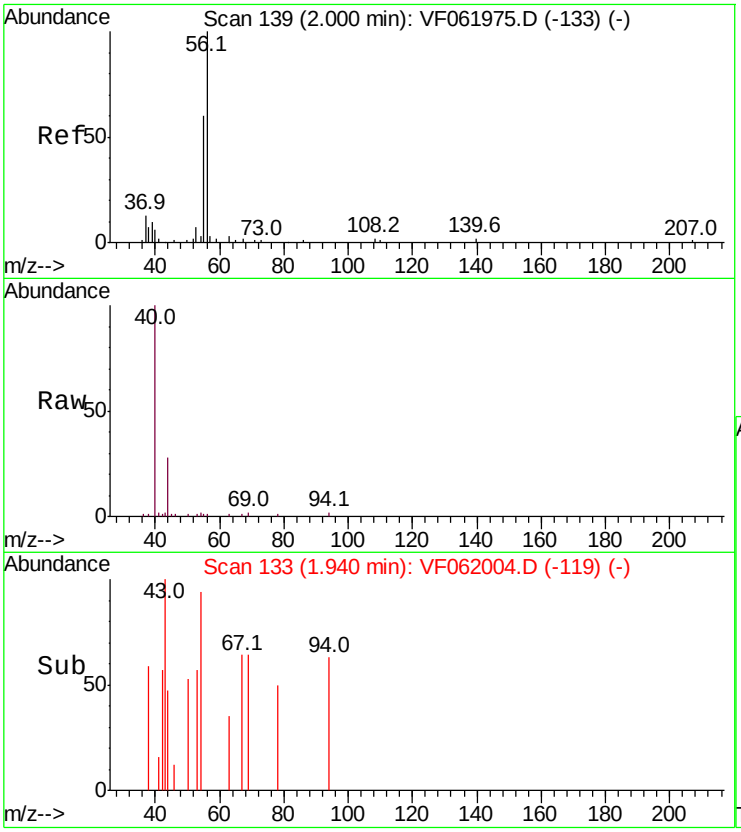


#8
Diethyl Ether
Concen: 1.155 ug/l
RT: 1.60 min Scan# 99
Delta R.T. -0.02 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Tgt Ion: 74 Resp: 171

Ion	Ratio	Lower	Upper
74	100		
45	153.8	56.3	168.8



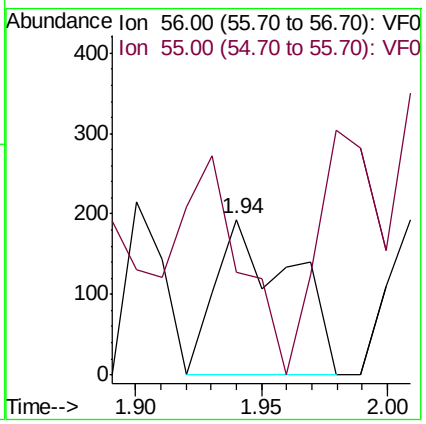


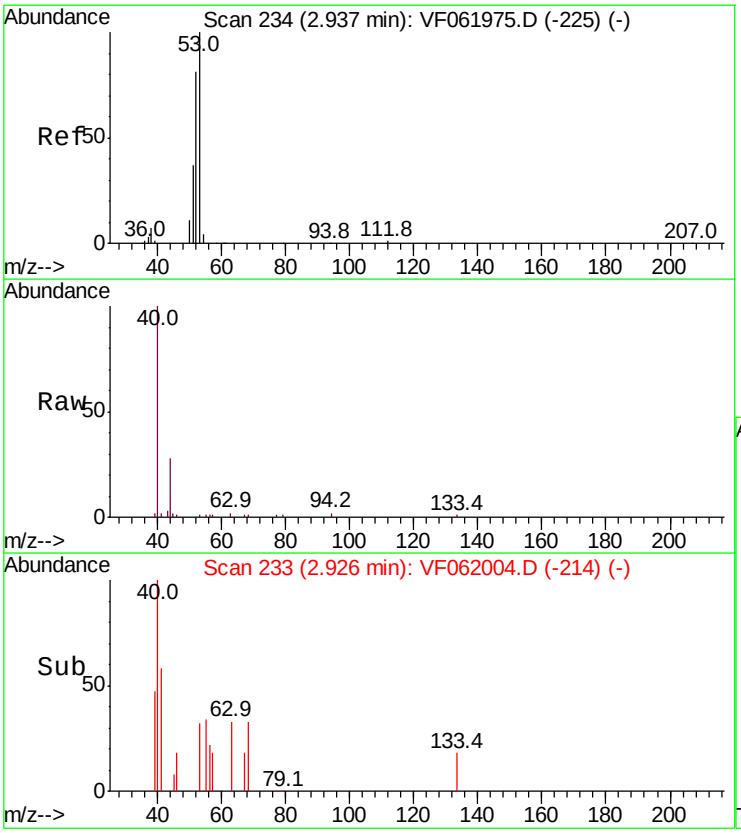
#13
Acrolein
Concen: 17.527 ug/l
RT: 1.94 min Scan# 133
Delta R.T. -0.06 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Instrument :
MSVOA_F
ClientSampleId :
TP-1

Tgt Ion: 56 Resp: 400

Ion	Ratio	Lower	Upper
56	100		
55	66.3	49.1	73.7

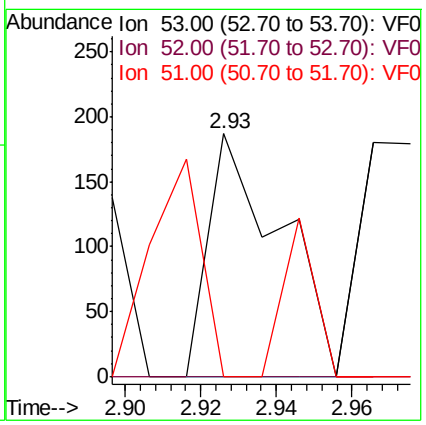


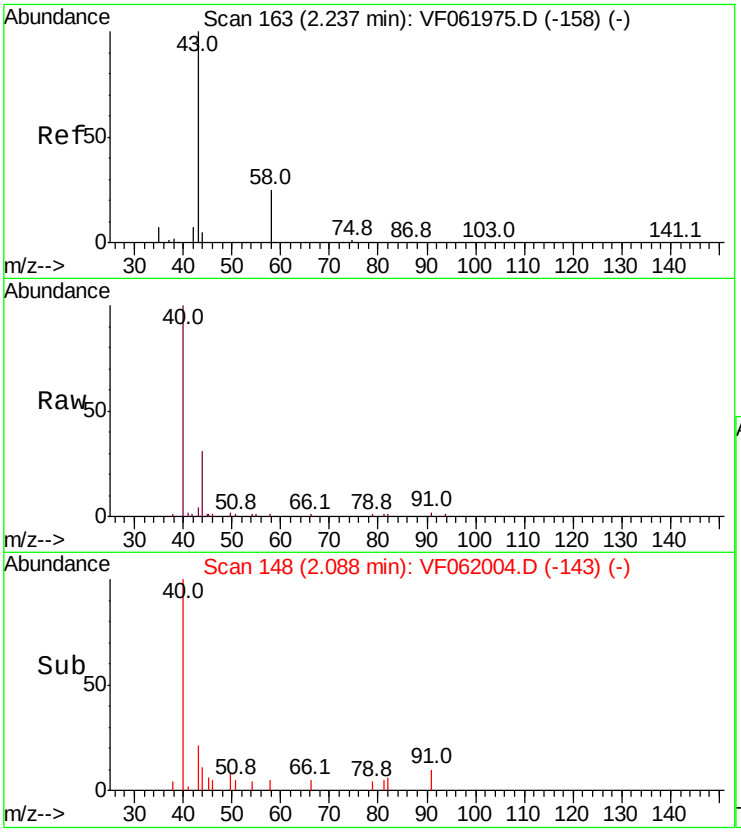


#15
Acrylonitrile
Concen: 3.827 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.01 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Tgt Ion: 53 Resp: 246

Ion	Ratio	Lower	Upper
53	100		
52	0.0	64.4	96.6#
51	0.0	30.3	45.5#



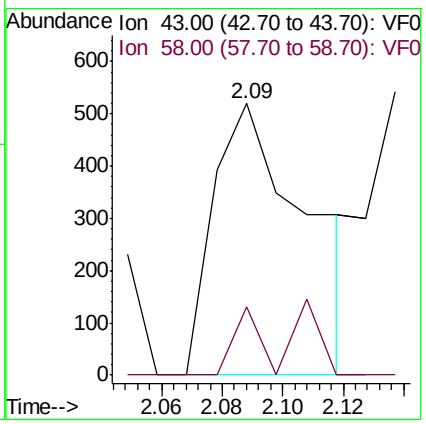


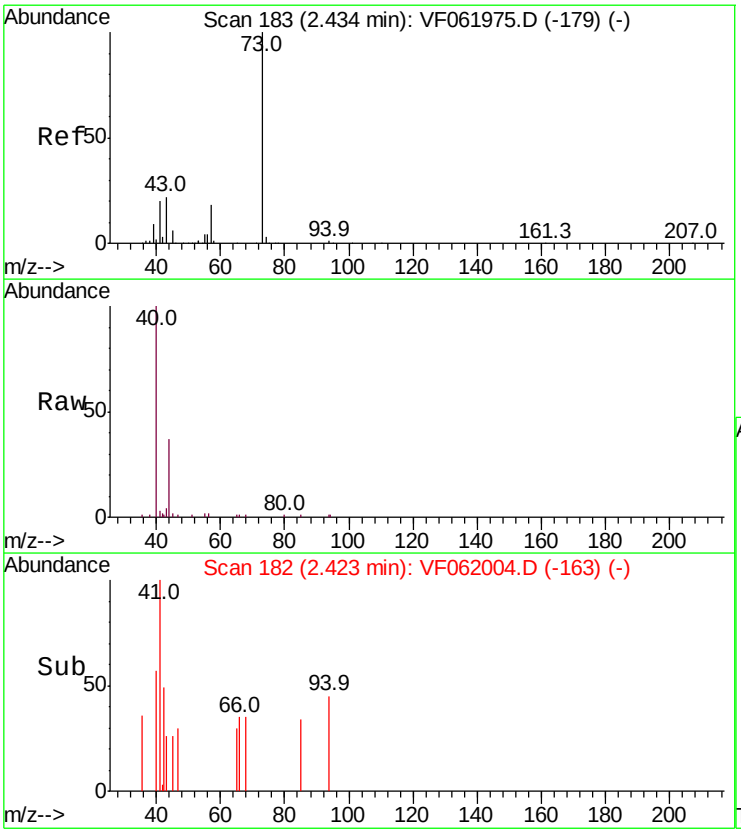
#16
Acetone
Concen: 14.308 ug/l
RT: 2.09 min Scan# 148
Delta R.T. -0.15 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Tgt Ion: 43 Resp: 1110

Ion	Ratio	Lower	Upper
43	100		
58	25.2	19.9	29.9

Instrument :
MSVOA_F
ClientSampleId :
TP-1

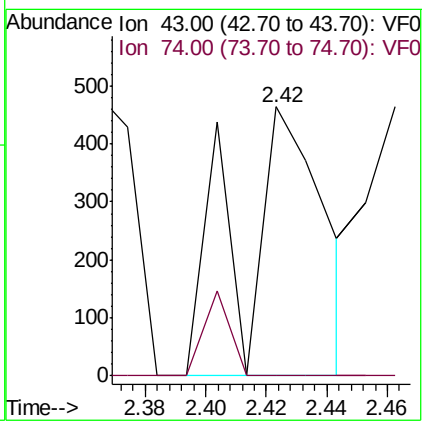


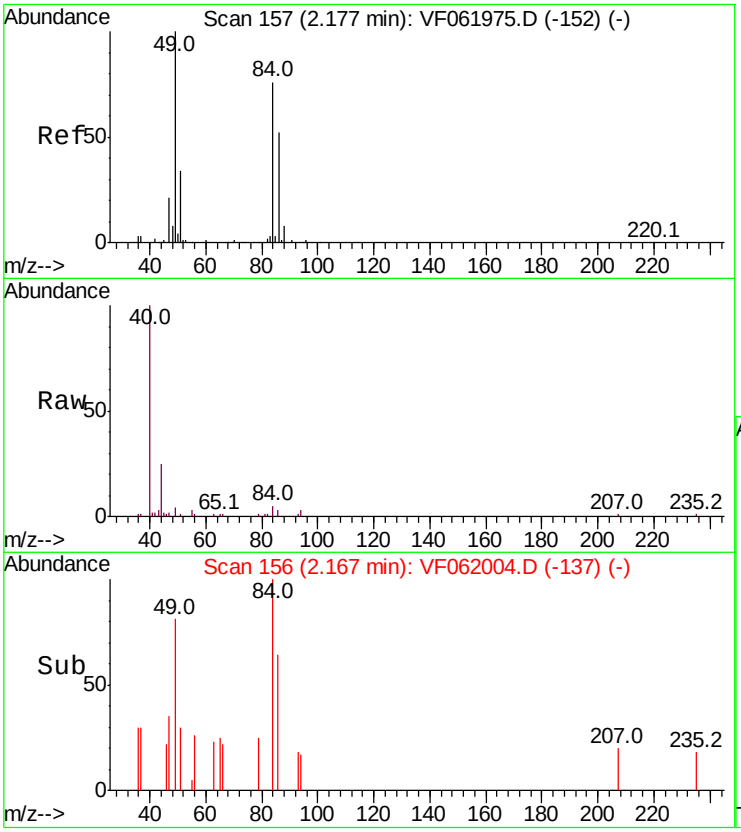


#18
Methyl Acetate
Concen: 5.626 ug/l
RT: 2.42 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Tgt Ion: 43 Resp: 893

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.6	18.8#



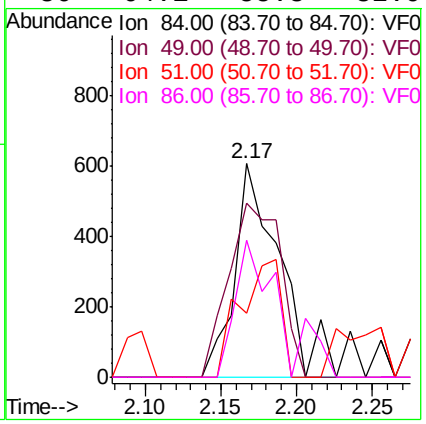


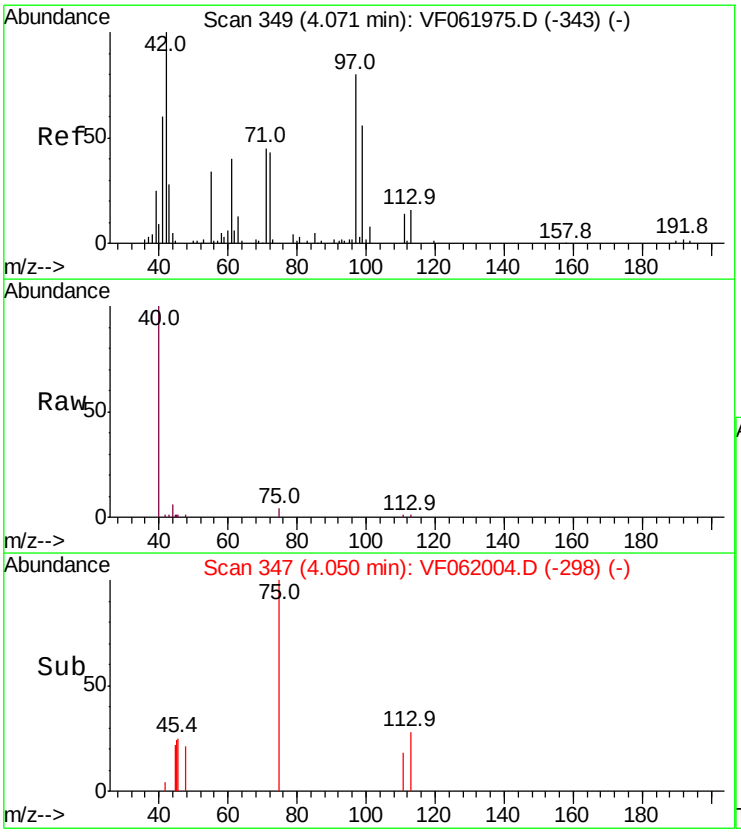
#20
Methylene Chloride
Concen: 3.165 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Instrument : MSVOA_F
ClientSampleId : TP-1

Tgt Ion: 84 Resp: 1264

Ion	Ratio	Lower	Upper
84	100		
49	81.2	107.0	160.6#
51	30.1	37.2	55.8#
86	64.1	55.3	82.9

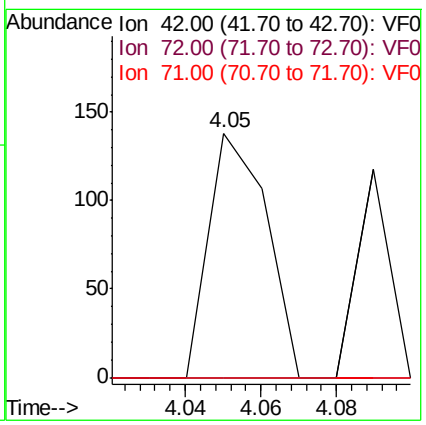


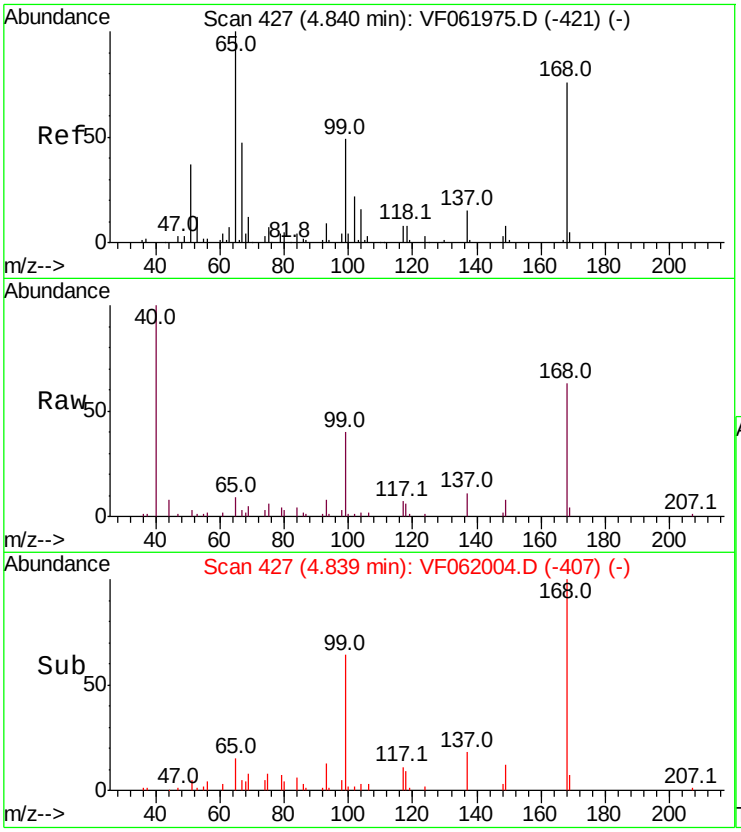


#29
Tetrahydrofuran
Concen: 2.170 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.02 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Tgt Ion: 42 Resp: 145

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.0	51.0#
71	0.0	34.2	51.4#



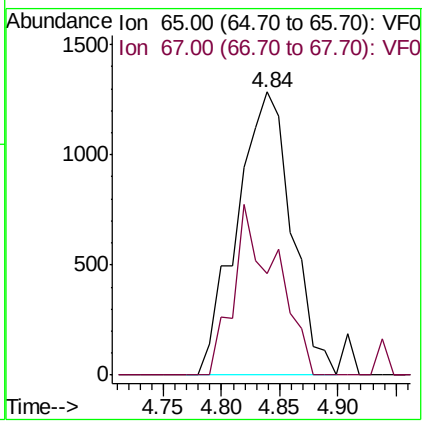


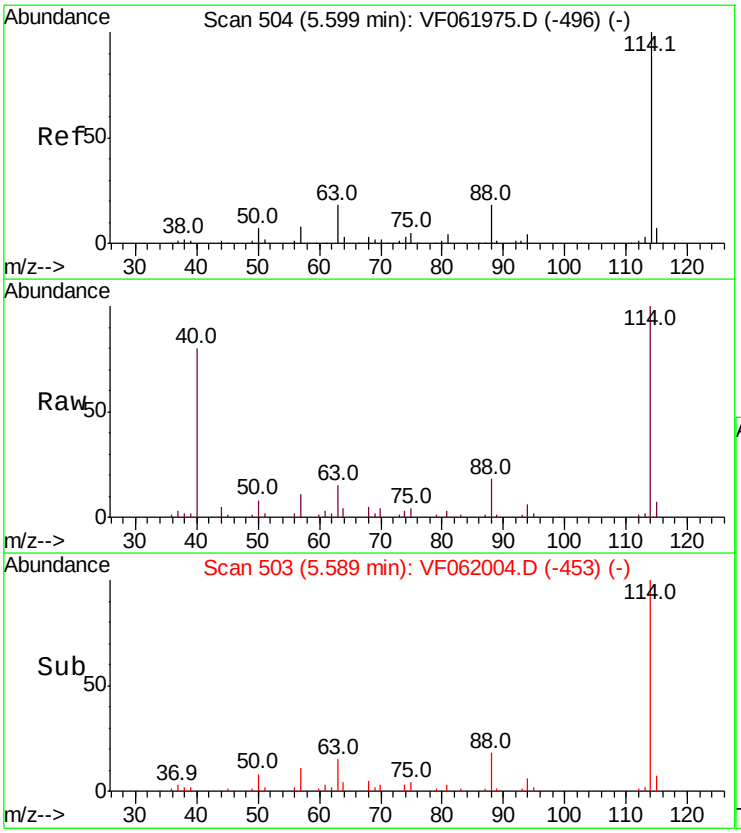
#33
1,2-Dichloroethane-d4
Concen: 12.128 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.00 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Instrument :
MSVOA_F
ClientSampleId :
TP-1

Tgt Ion: 65 Resp: 4190

Ion	Ratio	Lower	Upper
65	100		
67	36.0	0.0	109.4

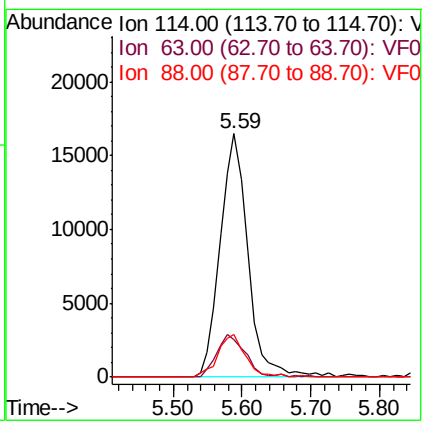


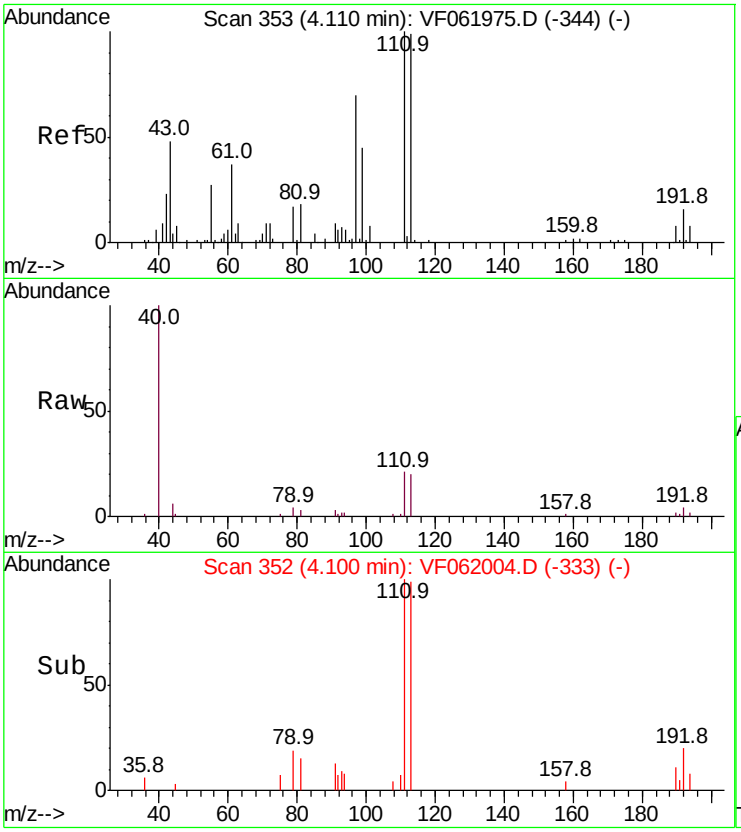


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.01 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Tgt Ion:114 Resp: 46104

Ion	Ratio	Lower	Upper
114	100		
63	15.4	0.0	36.4
88	17.7	0.0	36.4



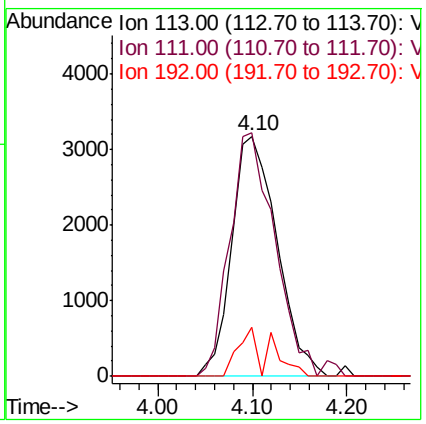


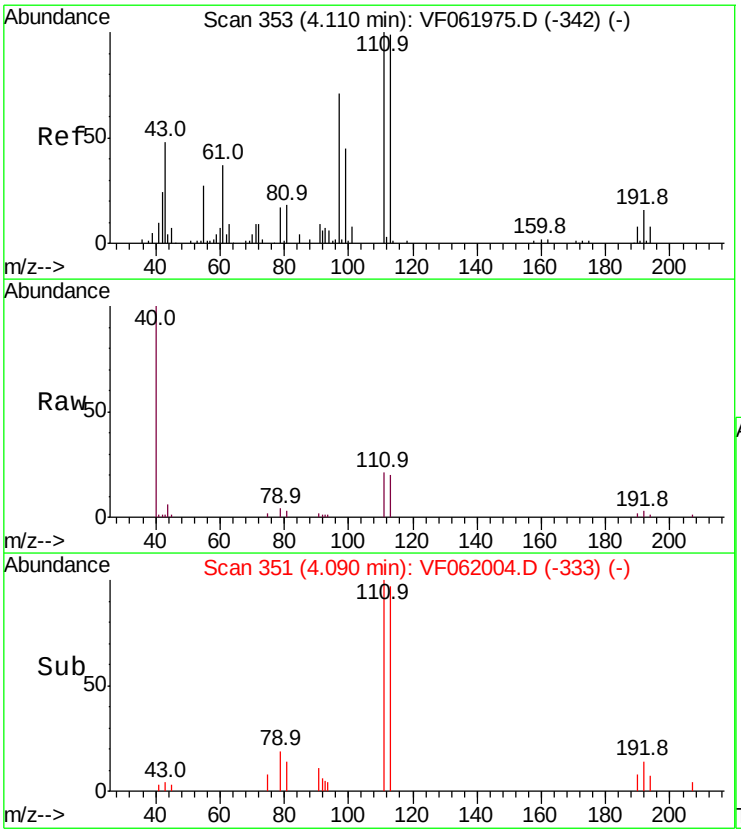
#35
Dibromofluoromethane
Concen: 34.148 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Instrument :
MSVOA_F
ClientSampleId :
TP-1

Tgt Ion:113 Resp: 10572

Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.8	121.2
192	20.5	13.0	19.6#

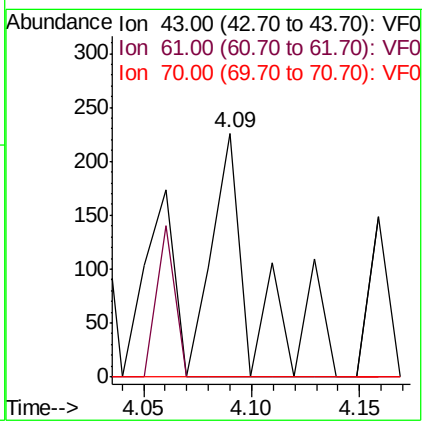


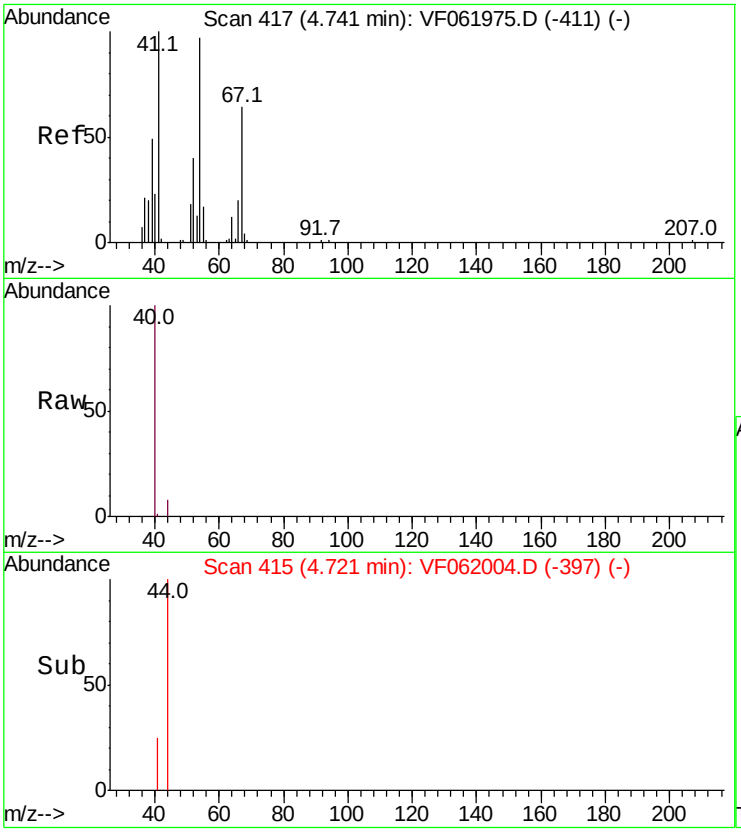


#37
Ethyl Acetate
Concen: 1.717 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Tgt Ion: 43 Resp: 321

Ion	Ratio	Lower	Upper
43	100		
61	0.0	59.8	89.6#
70	0.0	7.8	11.8#



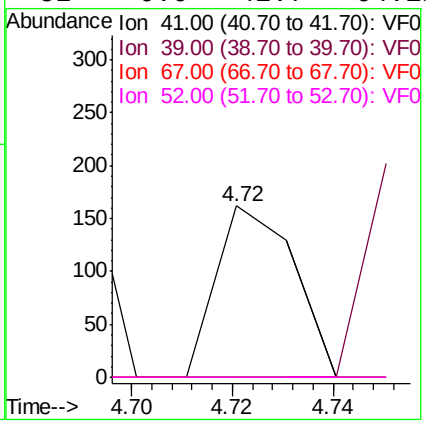


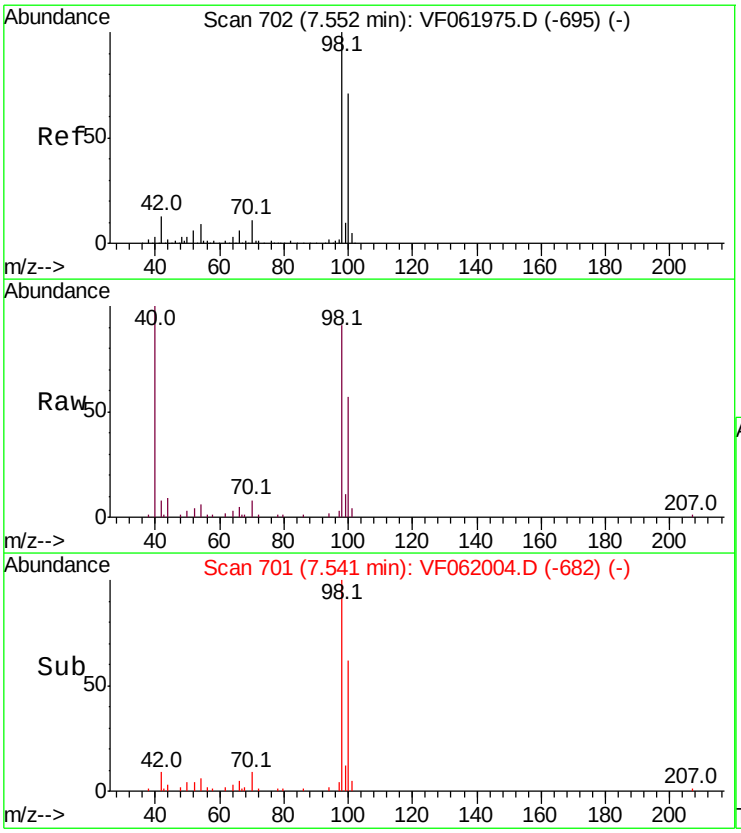
#41
Methacrylonitrile
Concen: 1.732 ug/l
RT: 4.72 min Scan# 415
Delta R.T. -0.02 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Instrument :
MSVOA_F
ClientSampleId :
TP-1

Tgt Ion: 41 Resp: 173

Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.2	69.4#
67	0.0	49.8	74.8#
52	0.0	42.7	64.1#

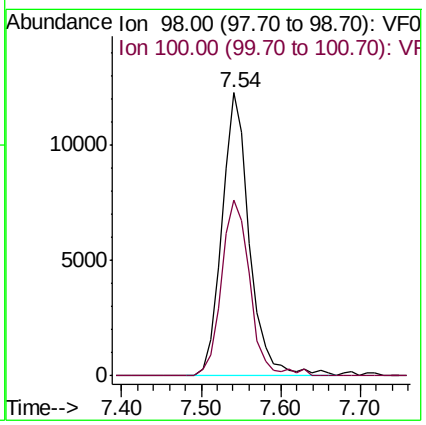


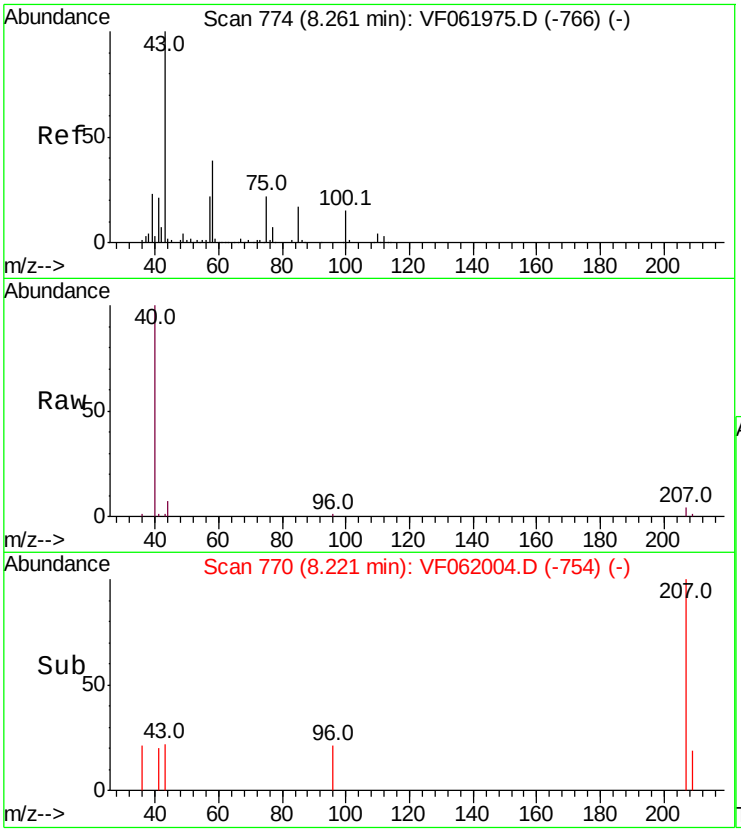


#50
Toluene-d8
Concen: 32.844 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Tgt Ion: 98 Resp: 29725

Ion	Ratio	Lower	Upper
98	100		
100	62.3	56.8	85.2



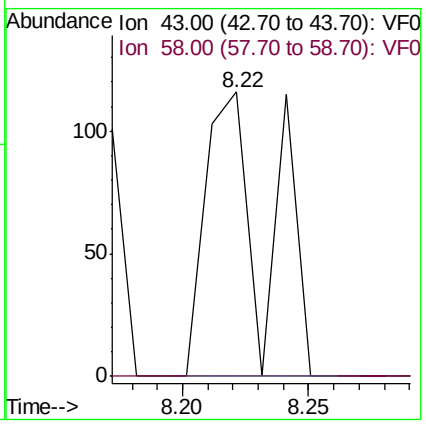


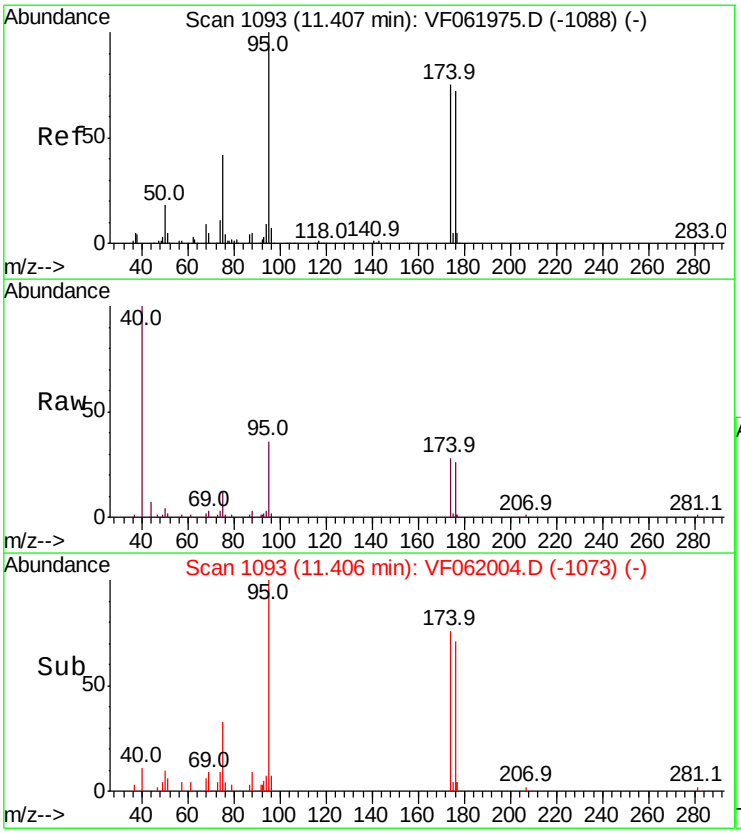
#51
4-Methyl-2-Pentanone
Concen: 1.261 ug/l
RT: 8.22 min Scan# 770
Delta R.T. -0.04 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Instrument : MSVOA_F
ClientSampleId : TP-1

Tgt Ion: 43 Resp: 198

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.1	46.7#

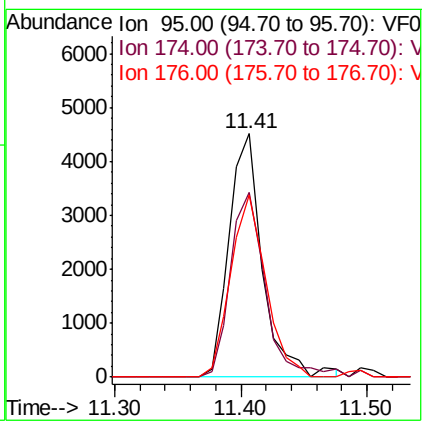


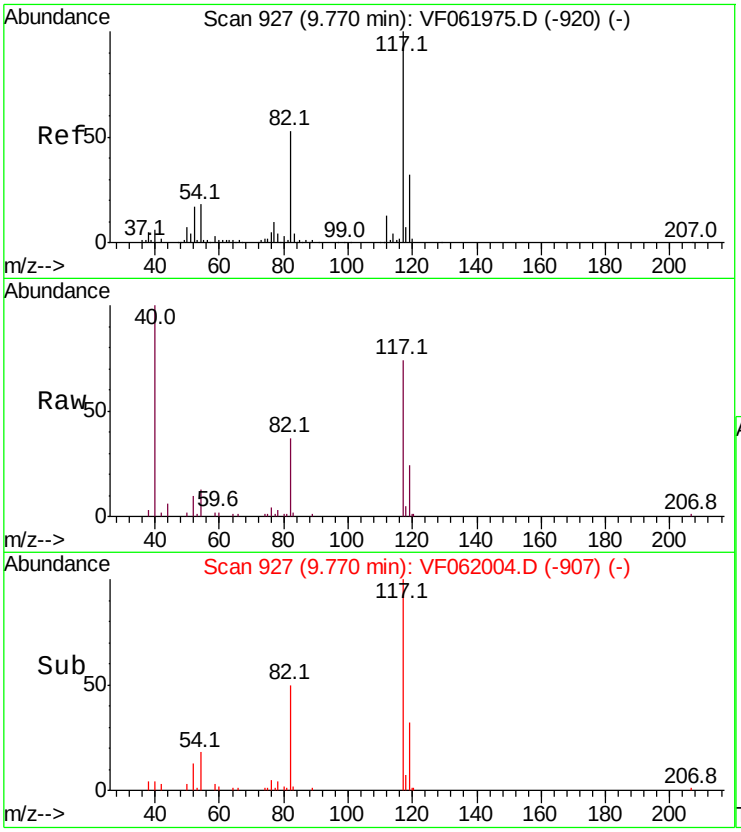


#62
4-Bromofluorobenzene
Concen: 22.993 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Tgt Ion: 95 Resp: 8267

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	149.4
176	74.7	0.0	143.4



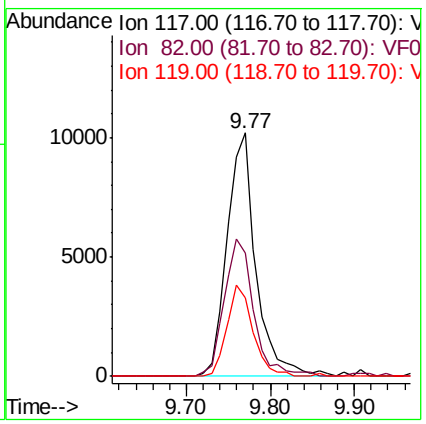


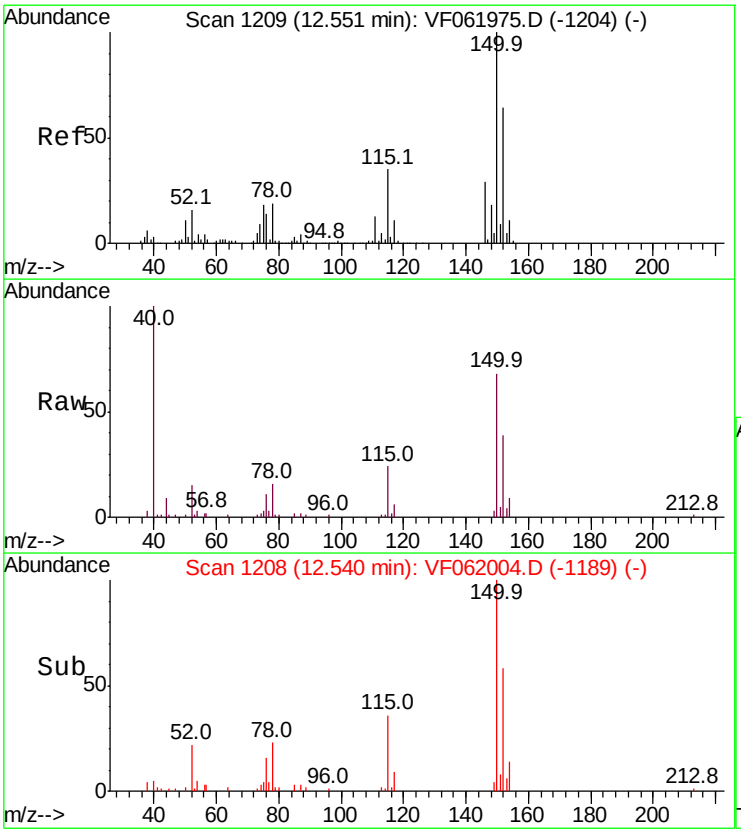
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.00 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Instrument :
MSVOA_F
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 24286

Ion	Ratio	Lower	Upper
117	100		
82	50.5	42.5	63.7
119	32.4	25.4	38.0

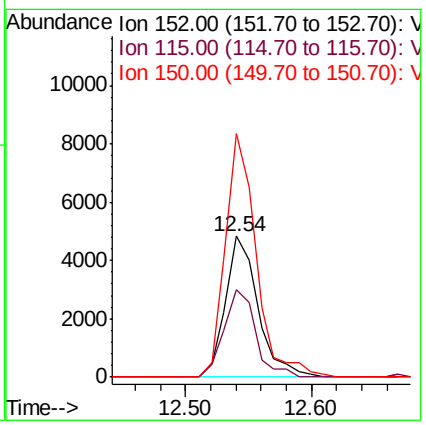


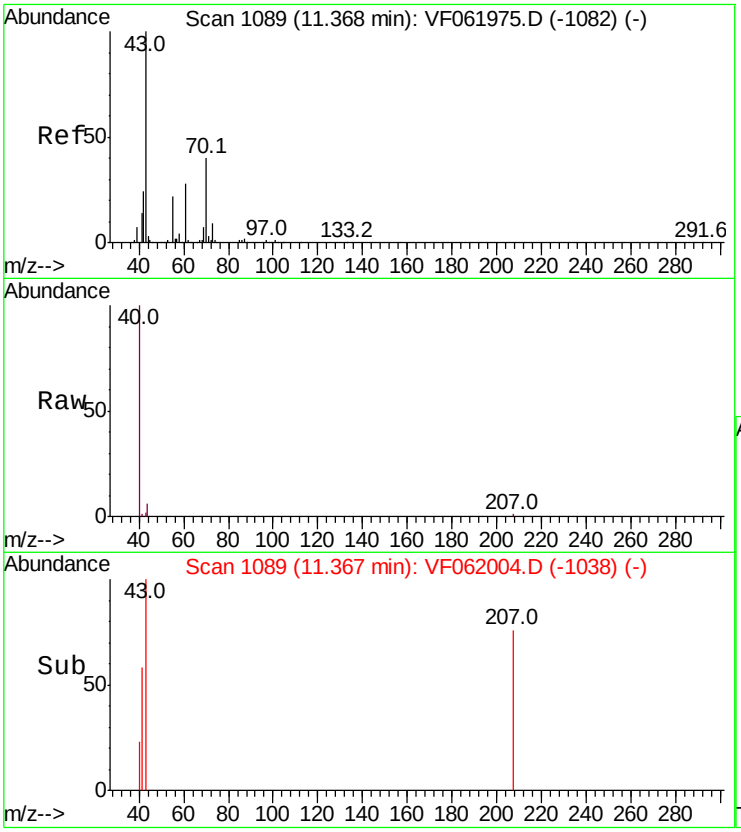


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Tgt Ion:152 Resp: 8606

Ion	Ratio	Lower	Upper
152	100		
115	62.0	27.3	81.9
150	172.6	0.0	316.2





#74
N-amyl acetate
Concen: 1.439 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VF062004.D
Acq: 18 Mar 2019 18:27

Instrument :
MSVOA_F
ClientSampleId :
TP-1

Tgt Ion: 43 Resp: 196

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.9	47.9#
55	0.0	17.9	26.9#
61	0.0	22.2	33.2#