Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF030119\
Data File : VF061806.D
Acq On : 1 Mar 2019 16:53
Operator : VA/AP
Sample : K1675-01
Misc : 4.92g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : Z-3-11-A

Quant Time: Mar 02 02:46:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.86	168	289733	50.00	ug/l		-0.03
34) 1,4-Difluorobenzene	5.58	114	449428	50.00	ug/l		-0.03
63) Chlorobenzene-d5	9.76	117	360593	50.00	ug/l		-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	188902	50.00	ug/l		-0.02
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.83	65	103158	48.55	ug/l		-0.03
Spiked Amount 50.000			Recovery = 97.10%				
35) Dibromofluoromethane	4.10	113	160860	48.20	ug/l		-0.02
Spiked Amount 50.000			Recovery = 96.40%				
50) Toluene-d8	7.54	98	412977	43.04	ug/l		-0.02
Spiked Amount 50.000			Recovery = 86.08%				
62) 4-Bromofluorobenzene	11.39	95	171430	44.16	ug/l		-0.02
Spiked Amount 50.000			Recovery = 88.32%				
Target Compounds							Qvalue
13) Acrolein	1.99	56	788	5.099	ug/l		93
15) Acrylonitrile	2.92	53	736	1.687	ug/l	#	62
16) Acetone	2.23	43	7009	15.375	ug/l	#	85
18) Methyl Acetate	2.36	43	2834	2.760	ug/l	#	59
20) Methylene Chloride	2.17	84	8775	1.129	ug/l		94
25) 2-Butanone	4.33	43	1397	1.403	ug/l	#	89
29) Tetrahydrofuran	4.08	42	1579	3.489	ug/l	#	80
49) 1,4-Dioxane	6.61	88	63	4.550	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.25	43	2014	1.152	ug/l	#	60
84) 1,2,4-Trimethylbenzene	12.19	105	13891	1.301	ug/l		98
95) Naphthalene	14.44	128	16663	2.157	ug/l		97

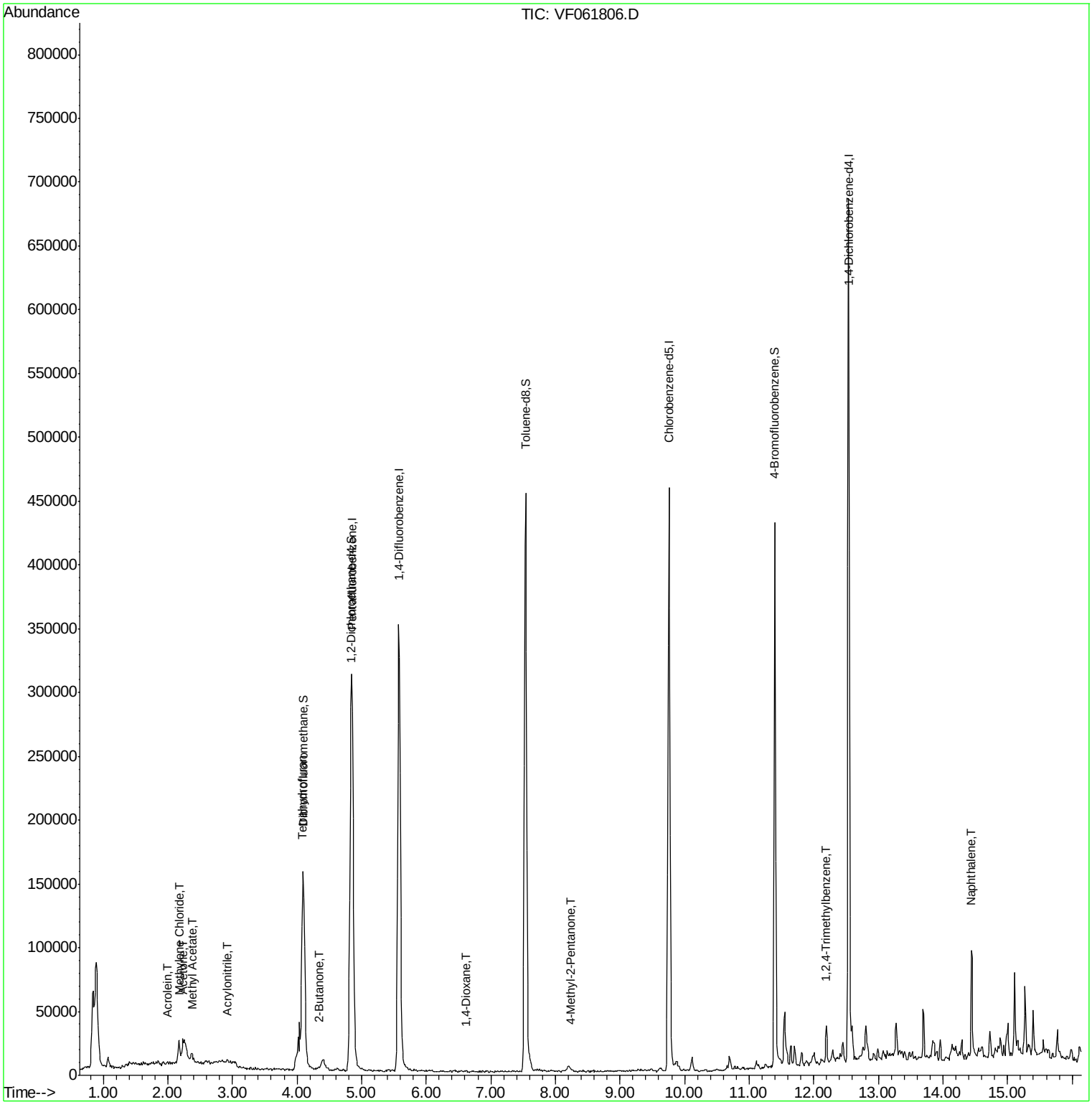
(#) = qualifier out of range (m) = manual integration (+) = signals summed

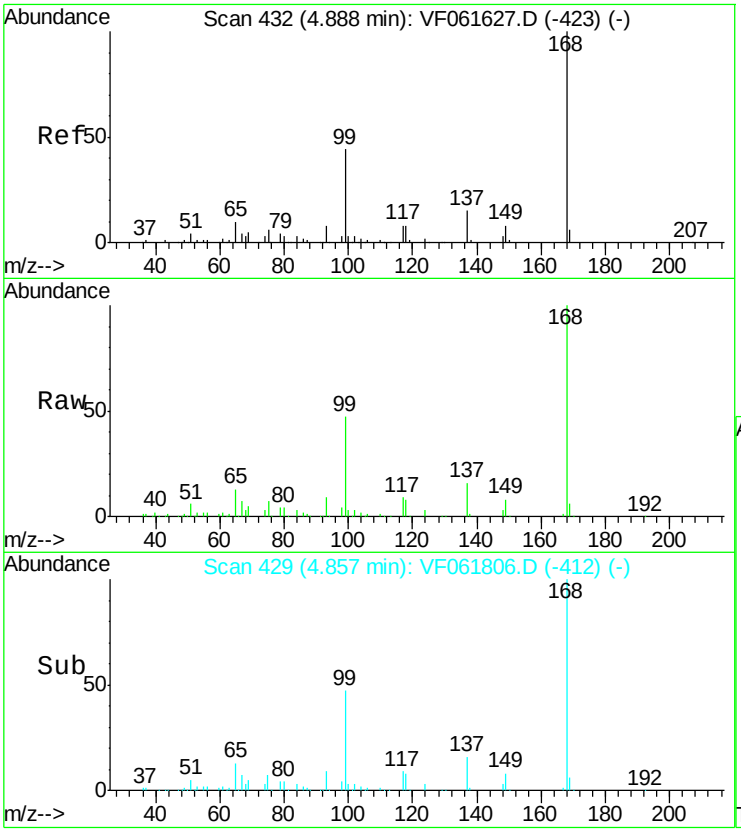
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030119\
Data File : VF061806.D
Acq On : 1 Mar 2019 16:53
Operator : VA/AP
Sample : K1675-01
Misc : 4.92g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
Z-3-11-A

Quant Time: Mar 02 02:46:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration



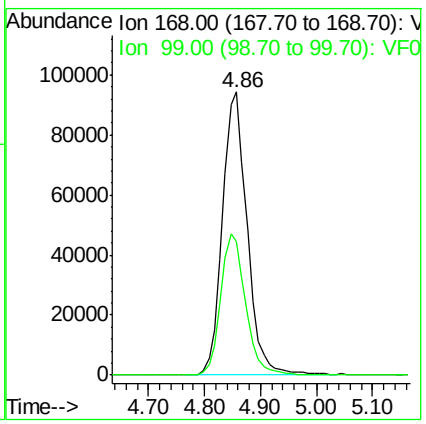


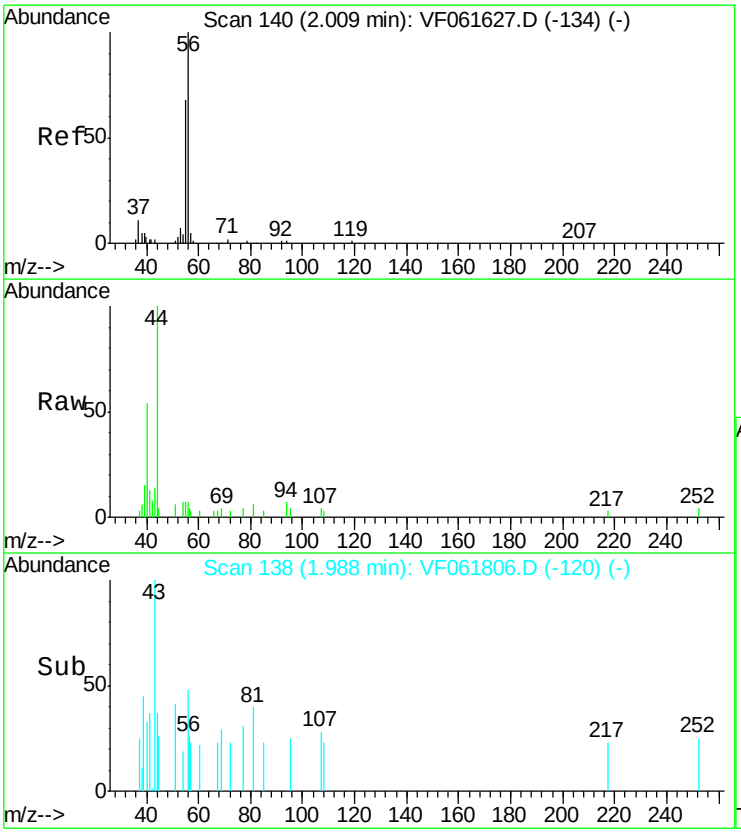
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.03 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Instrument :
MSVOA_F
ClientSampleId :
Z-3-11-A

Tgt Ion:168 Resp: 289733

Ion	Ratio	Lower	Upper
168	100		
99	47.2	34.9	52.3

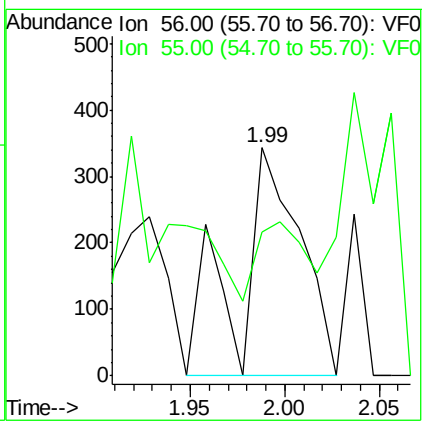


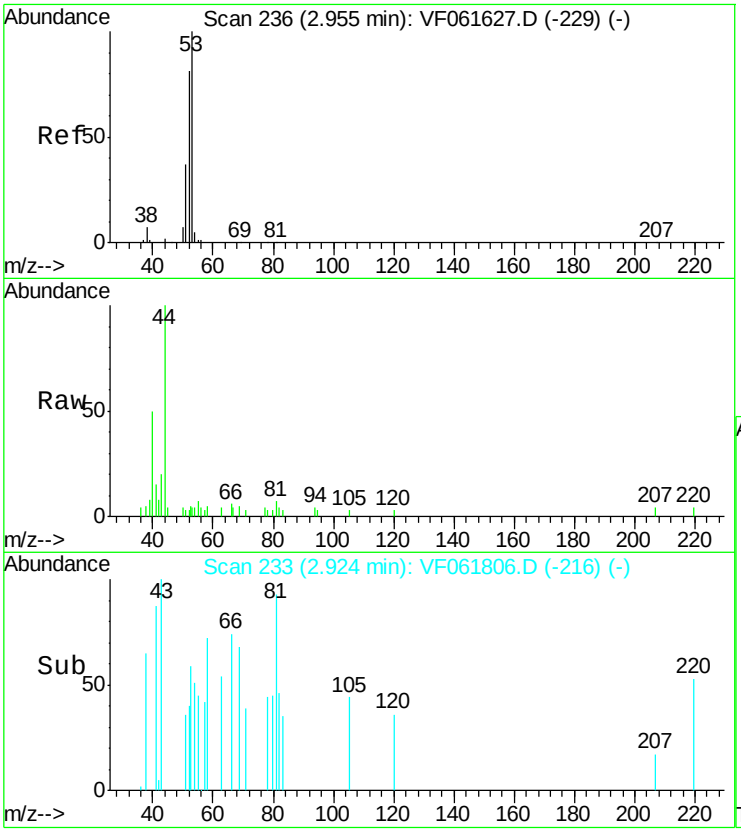


#13
Acrolein
Concen: 5.099 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.02 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Tgt Ion: 56 Resp: 788

Ion	Ratio	Lower	Upper
56	100		
55	63.3	55.0	82.6



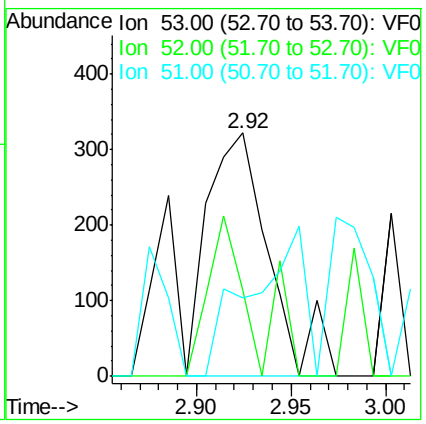


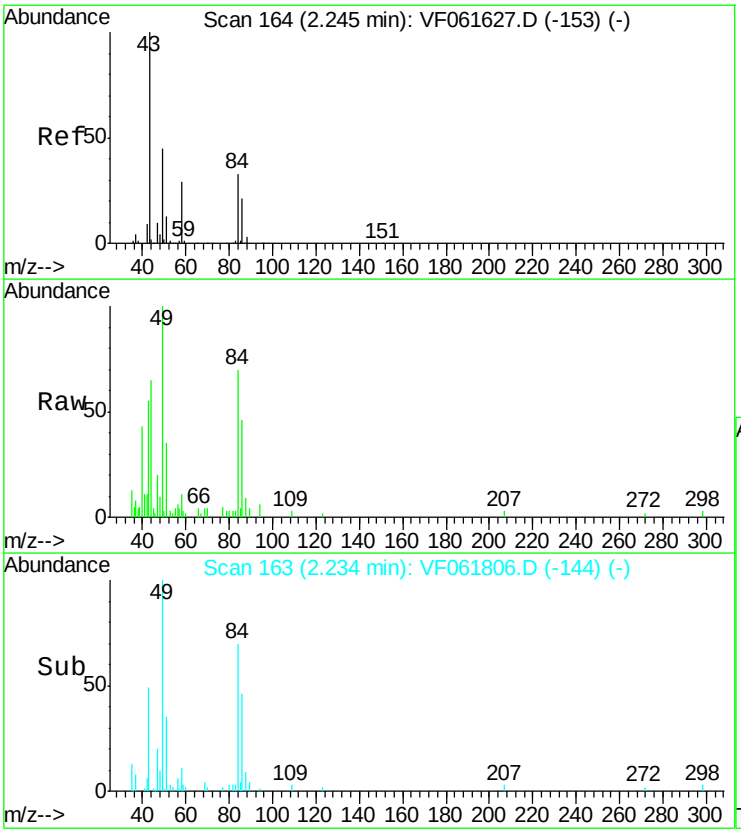
#15
Acrylonitrile
Concen: 1.687 ug/l
RT: 2.92 min Scan# 233
Delta R.T. -0.03 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Instrument : MSVOA_F
ClientSampleId : Z-3-11-A

Tgt Ion: 53 Resp: 736

Ion	Ratio	Lower	Upper
53	100		
52	35.1	64.6	97.0#
51	32.3	29.8	44.8

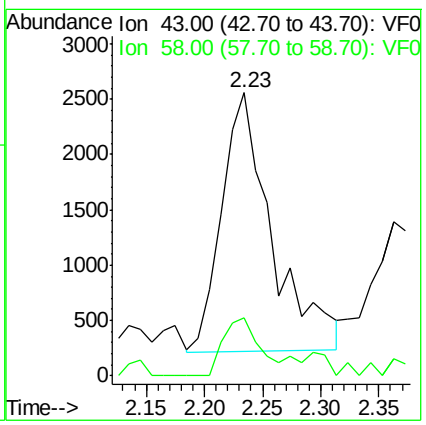


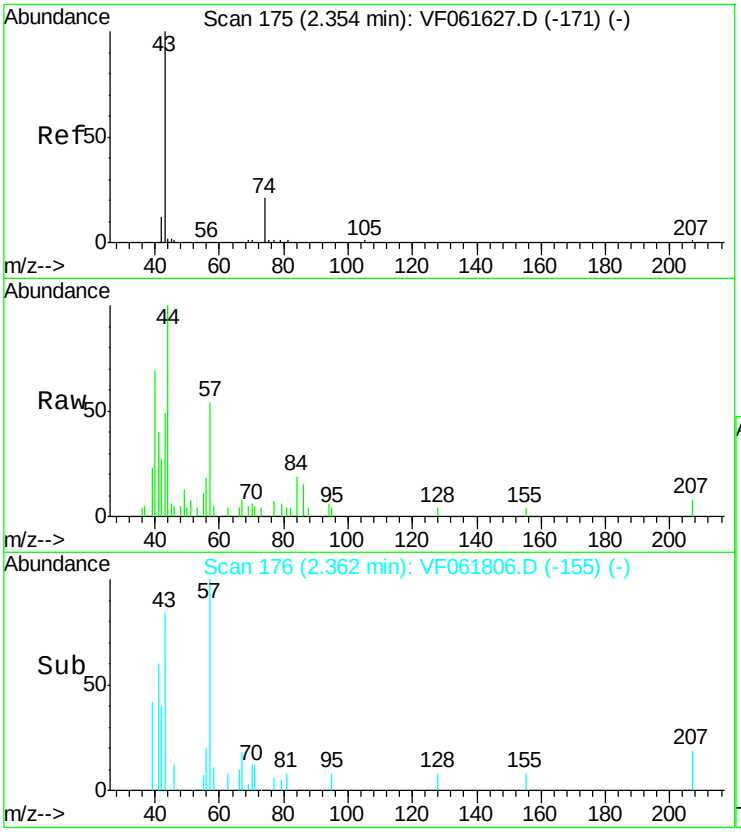


#16
Acetone
Concen: 15.375 ug/l
RT: 2.23 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Tgt Ion: 43 Resp: 7009

Ion	Ratio	Lower	Upper
43	100		
58	20.7	22.9	34.3#



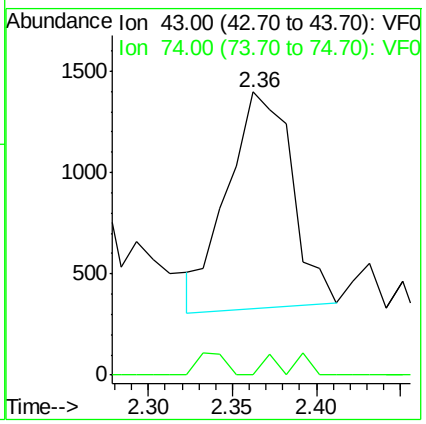


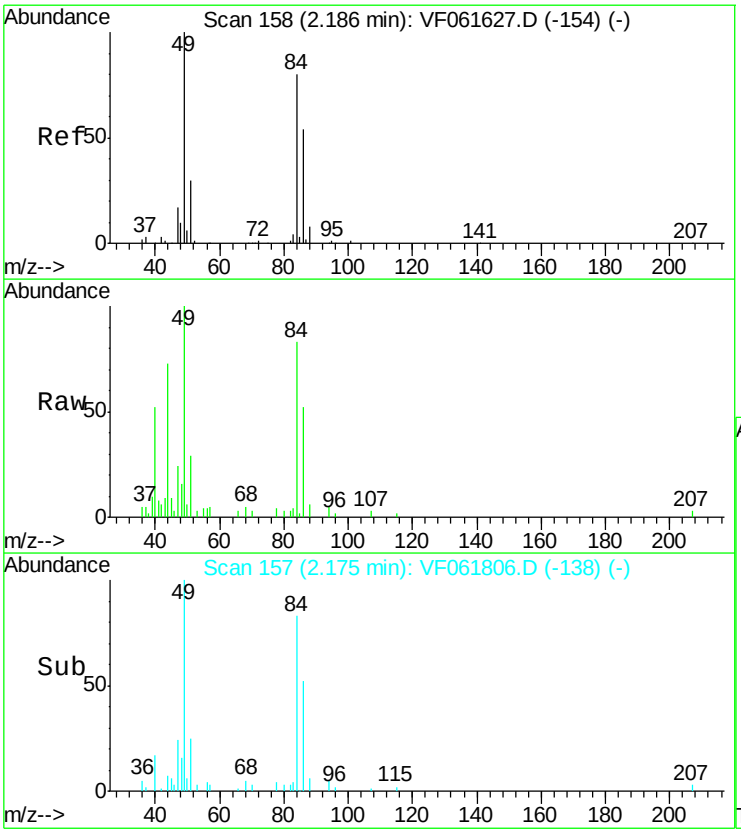
#18
Methyl Acetate
Concen: 2.760 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Instrument : MSVOA_F
ClientSampleId : Z-3-11-A

Tgt Ion: 43 Resp: 2834

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#

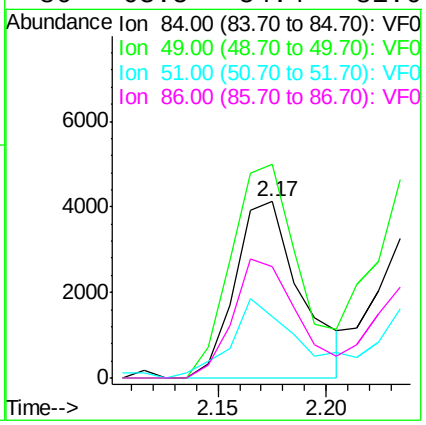


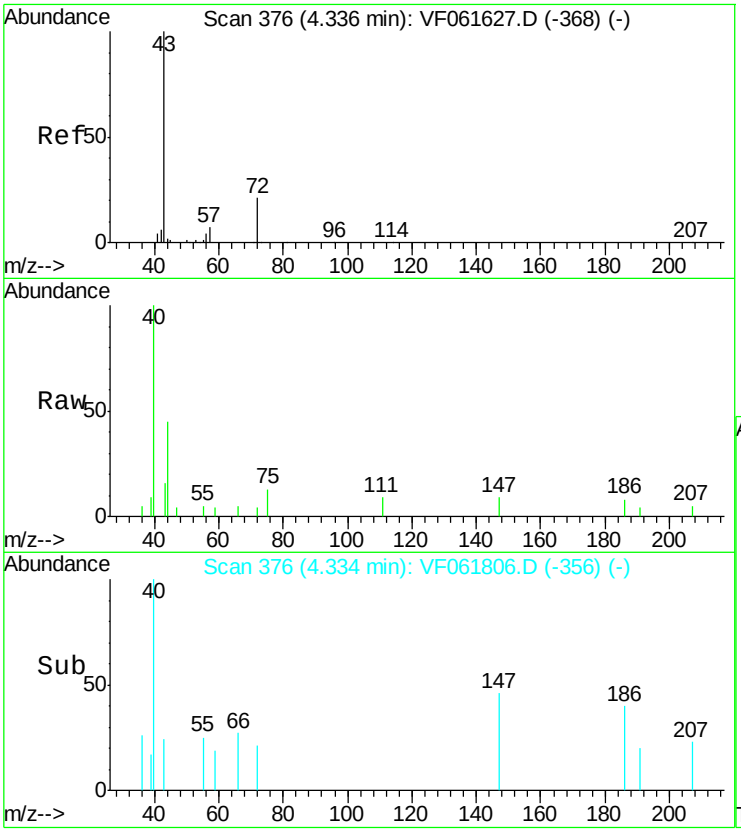


#20
Methylene Chloride
Concen: 1.129 ug/l
RT: 2.17 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Tgt Ion: 84 Resp: 8775

Ion	Ratio	Lower	Upper
84	100		
49	121.2	101.8	152.8
51	34.8	31.1	46.7
86	63.5	54.4	81.6



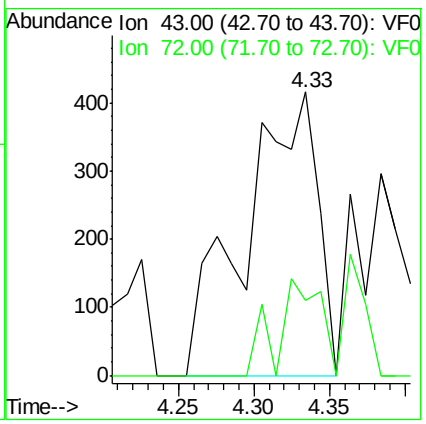


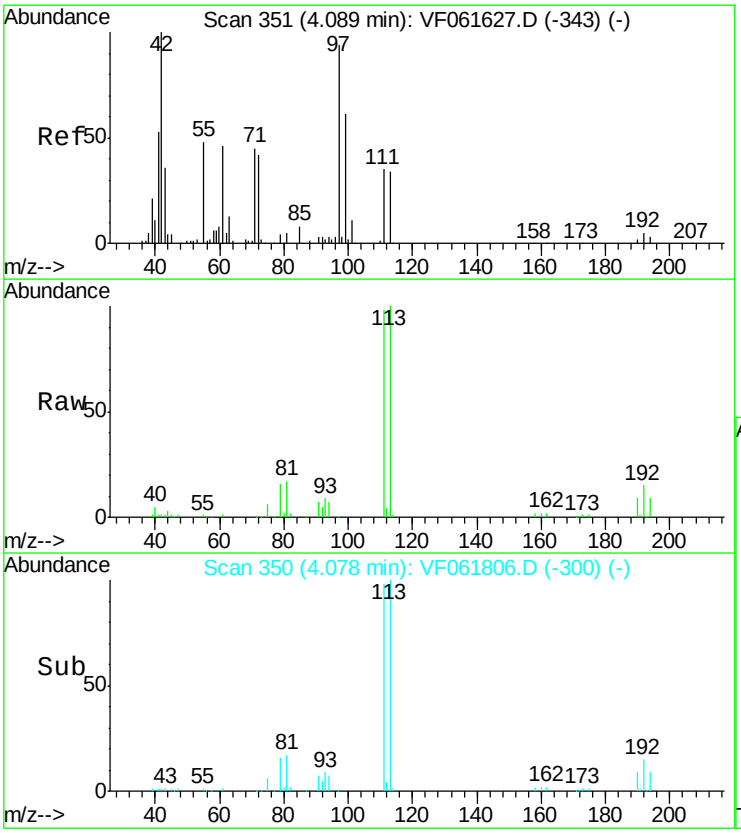
#25
2-Butanone
Concen: 1.403 ug/l
RT: 4.33 min Scan# 376
Delta R.T. -0.00 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Instrument :
MSVOA_F
ClientSampleId :
Z-3-11-A

Tgt Ion: 43 Resp: 1397

Ion	Ratio	Lower	Upper
43	100		
72	26.4	17.1	25.7#

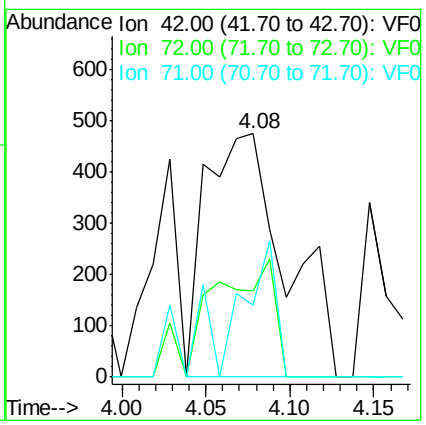


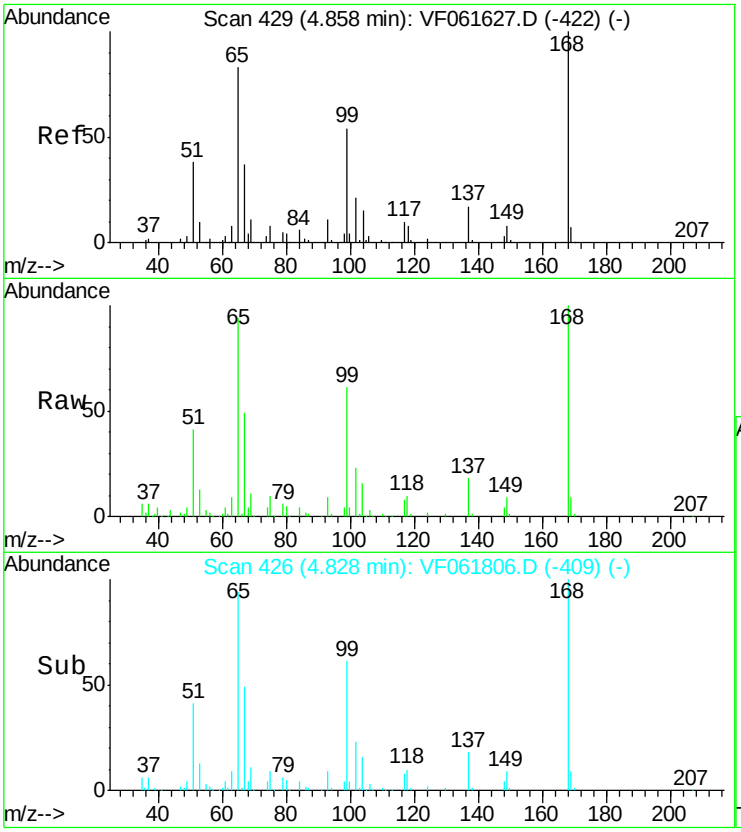


#29
Tetrahydrofuran
Concen: 3.489 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.01 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Tgt Ion: 42 Resp: 1579

Ion	Ratio	Lower	Upper
42	100		
72	38.3	35.2	52.8
71	21.4	32.9	49.3#



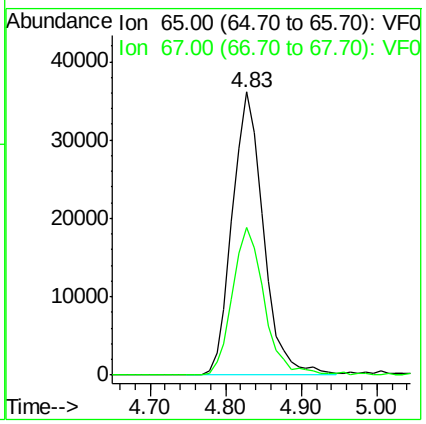


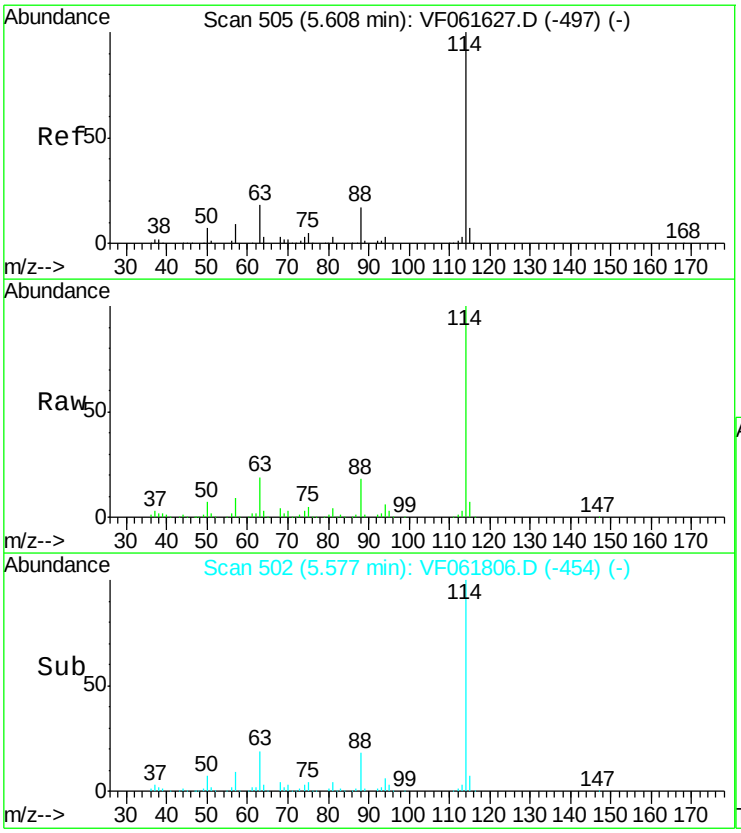
#33
1,2-Dichloroethane-d4
Concen: 48.553 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Instrument :
MSVOA_F
ClientSampleId :
Z-3-11-A

Tgt Ion: 65 Resp: 103158

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.0

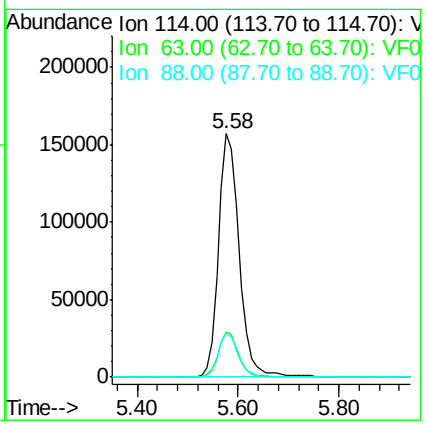


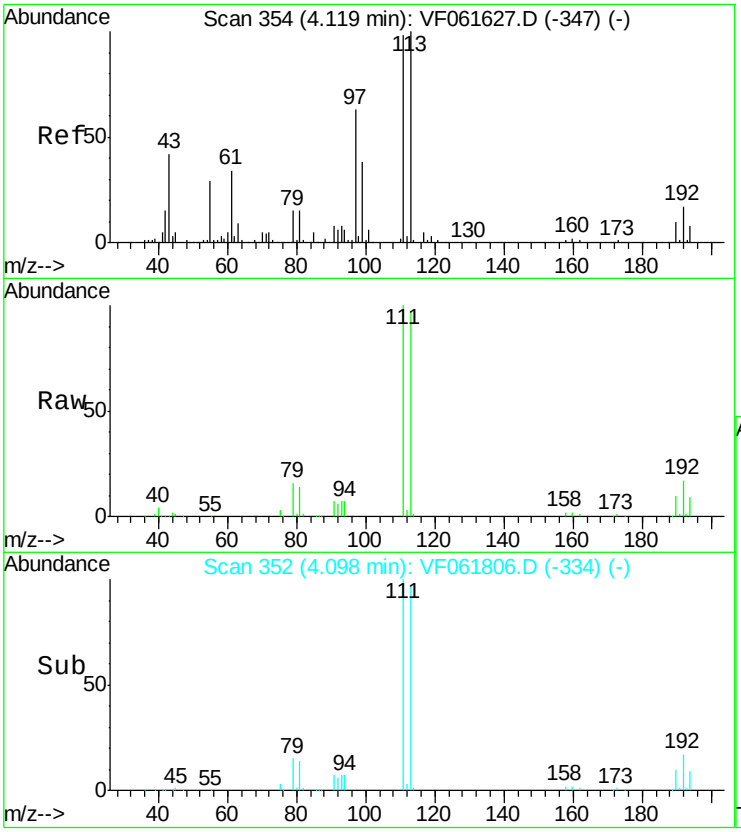


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Tgt Ion:114 Resp: 449428

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.6
88	18.1	0.0	34.4



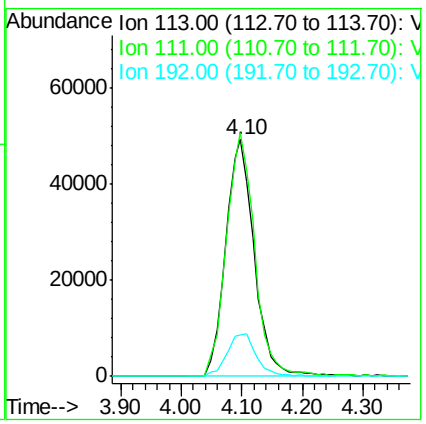


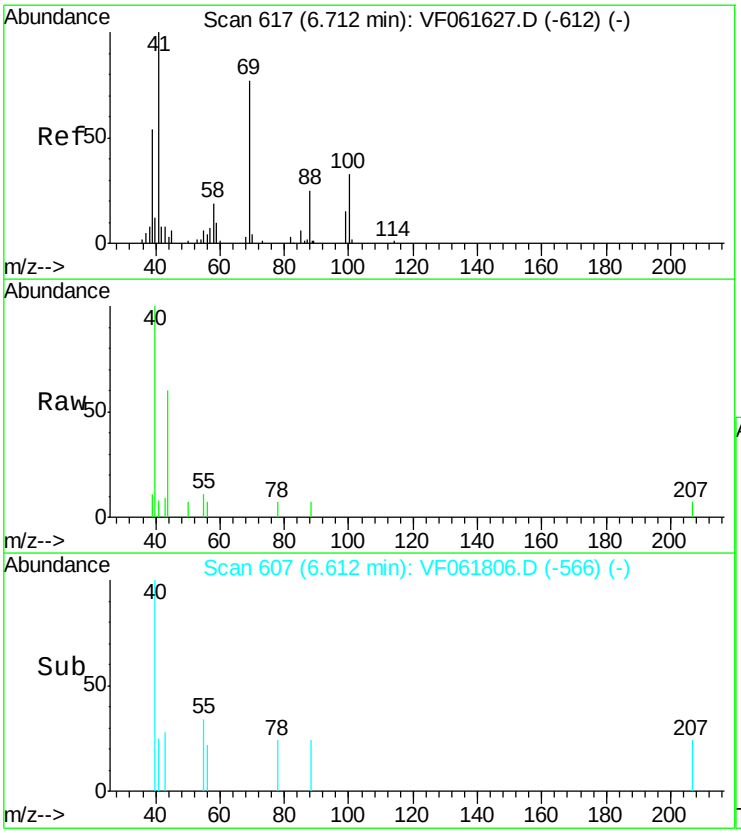
#35
Dibromofluoromethane
Concen: 48.198 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Instrument : MSVOA_F
ClientSampleId : Z-3-11-A

Tgt Ion:113 Resp: 160860

Ion	Ratio	Lower	Upper
113	100		
111	102.7	78.8	118.2
192	17.2	13.4	20.0

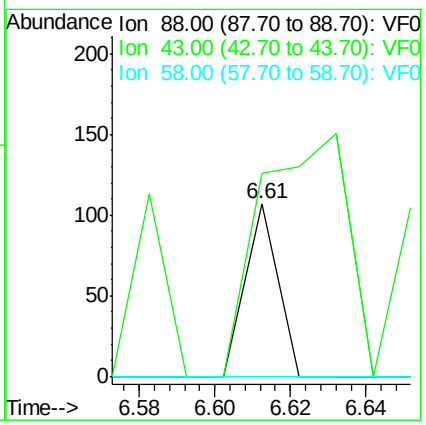


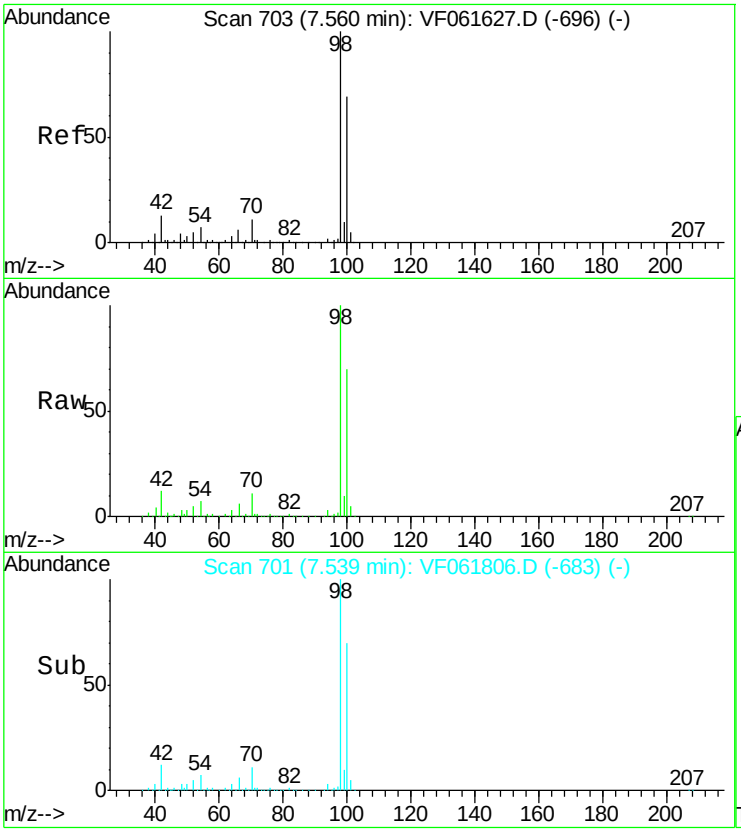


#49
1,4-Dioxane
Concen: 4.550 ug/l
RT: 6.61 min Scan# 607
Delta R.T. -0.10 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	117.8	32.3	48.5#
58	0.0	59.4	89.2#



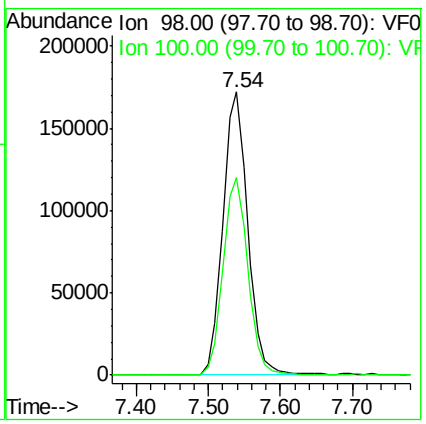


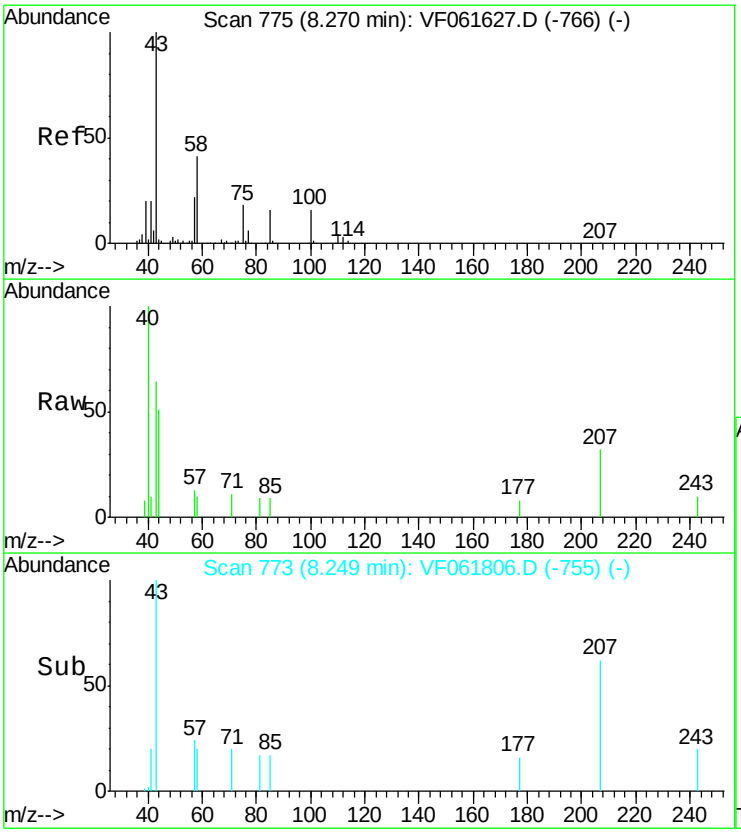
#50
Toluene-d8
Concen: 43.044 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Instrument :
MSVOA_F
ClientSampleId :
Z-3-11-A

Tgt Ion: 98 Resp: 412977

Ion	Ratio	Lower	Upper
98	100		
100	70.0	55.4	83.2

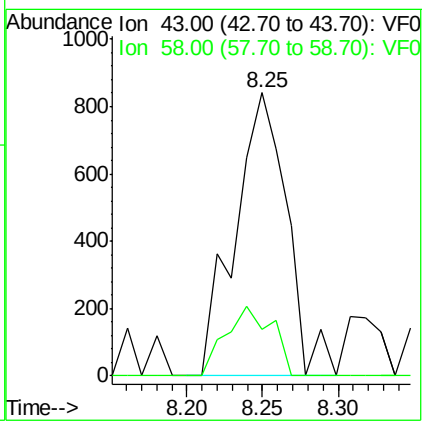


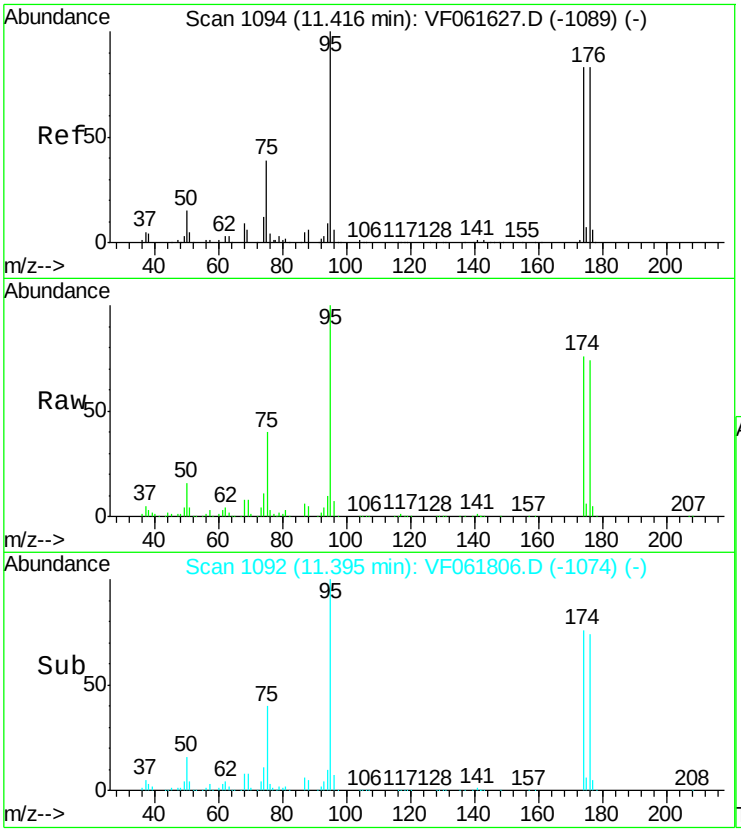


#51
4-Methyl-2-Pentanone
Concen: 1.152 ug/l
RT: 8.25 min Scan# 773
Delta R.T. -0.02 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Tgt Ion: 43 Resp: 2014

Ion	Ratio	Lower	Upper
43	100		
58	16.4	33.1	49.7#



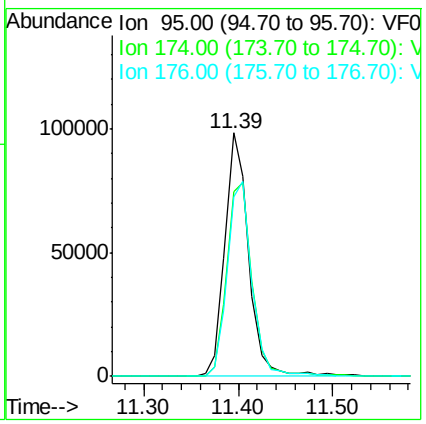


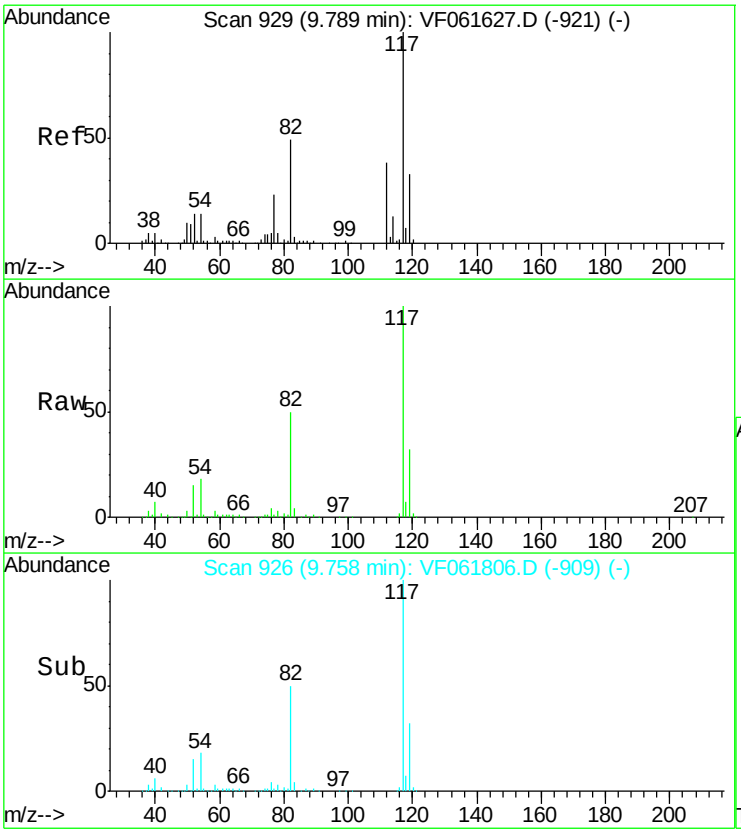
#62
4-Bromofluorobenzene
Concen: 44.160 ug/l
RT: 11.39 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Instrument : MSVOA_F
ClientSampleId : Z-3-11-A

Tgt Ion: 95 Resp: 171430

Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	165.8
176	73.7	0.0	167.0

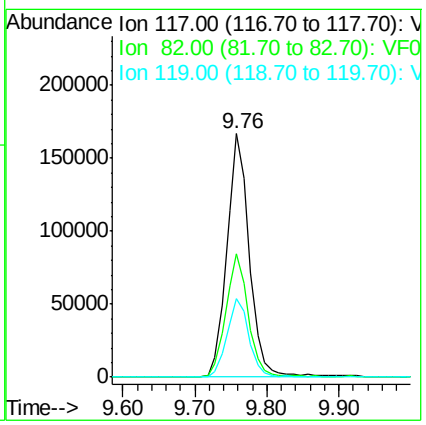


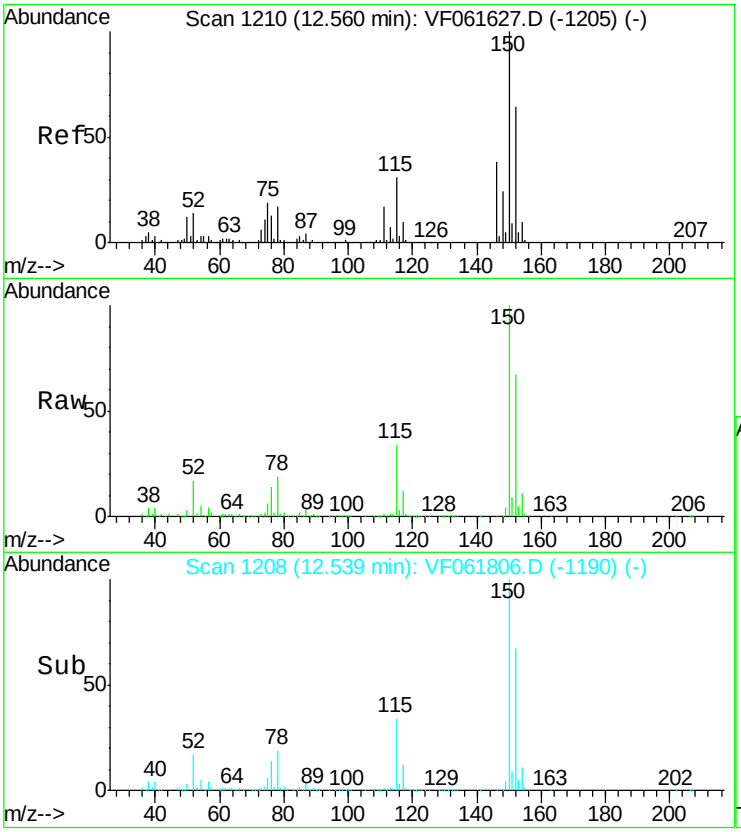


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Tgt Ion:117 Resp: 360593

Ion	Ratio	Lower	Upper
117	100		
82	50.5	39.3	58.9
119	32.0	26.6	40.0



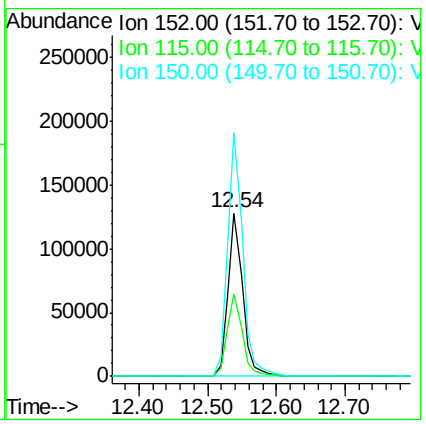


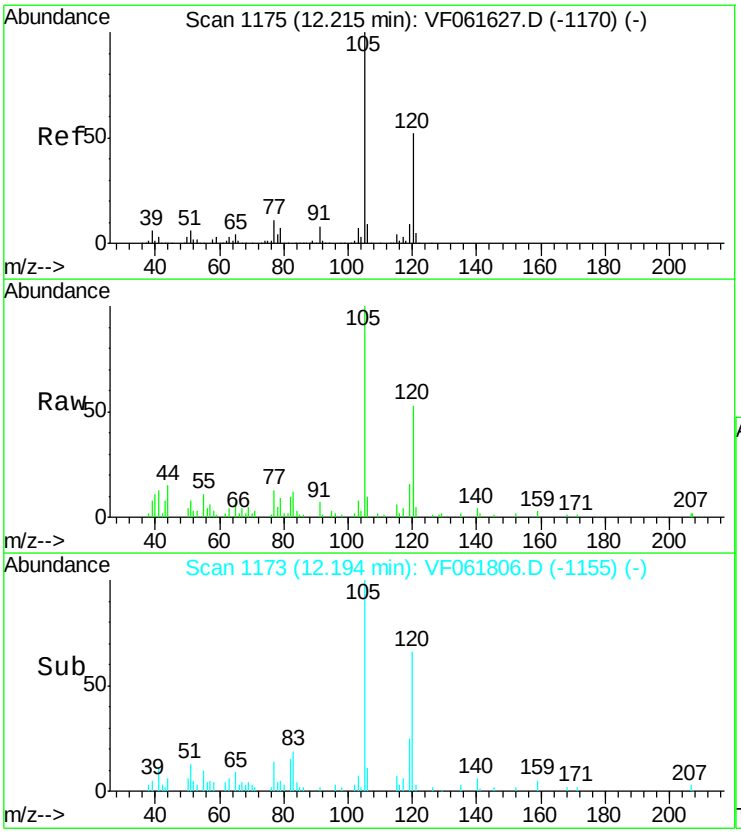
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Instrument : MSVOA_F
ClientSampleId : Z-3-11-A

Tgt Ion:152 Resp: 188902

Ion	Ratio	Lower	Upper
152	100		
115	50.9	24.3	72.8
150	149.3	0.0	312.0

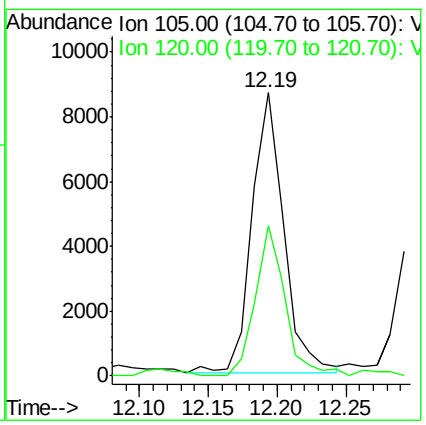


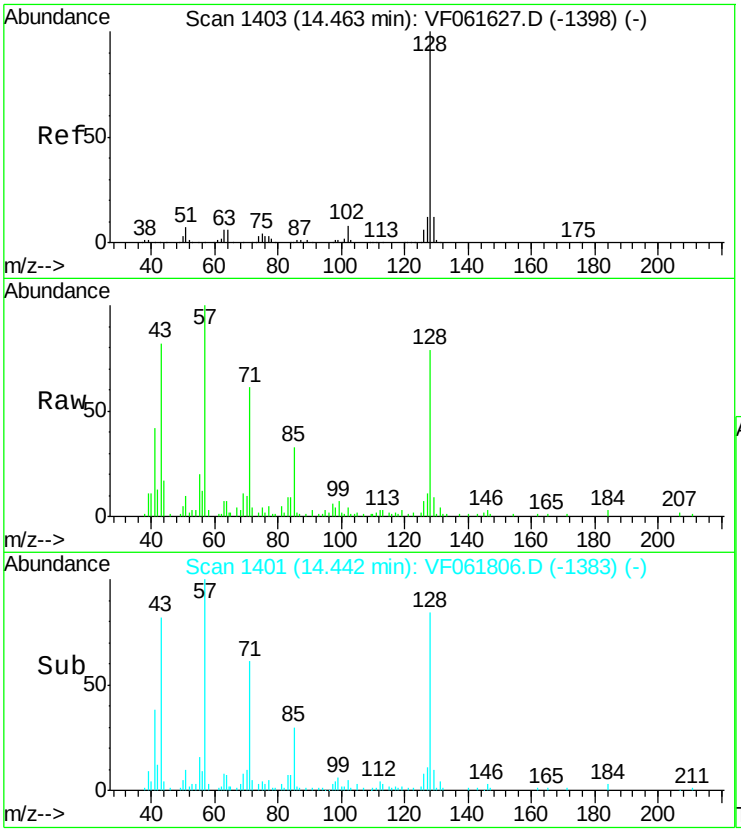


#84
1,2,4-Trimethylbenzene
Concen: 1.301 ug/l
RT: 12.19 min Scan# 1173
Delta R.T. -0.02 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Tgt Ion:105 Resp: 13891

Ion	Ratio	Lower	Upper
105	100		
120	53.3	26.1	78.3





#95
Naphthalene
Concen: 2.157 ug/l
RT: 14.44 min Scan# 1401
Delta R.T. -0.02 min
Lab File: VF061806.D
Acq: 1 Mar 2019 16:53

Instrument :
MSVOA_F
ClientSampleId :
Z-3-11-A

Tgt Ion:128 Resp: 16663

Ion	Ratio	Lower	Upper
128	100		
127	14.2	9.8	14.6
129	12.0	9.4	14.2