Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052219\
Data File : VF062711.D
Acq On : 22 May 2019 17:45
Operator : FY/SY
Sample : K3008-06
Misc : 6.22g/5mL/MSVOA_F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: May 23 01:23:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.05	168	735721	50.00	ug/l		-0.02
34) 1,4-Difluorobenzene	5.77	114	1263817	50.00	ug/l		-0.02
63) Chlorobenzene-d5	9.90	117	843988	50.00	ug/l		-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	298871	50.00	ug/l		-0.01
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.03	65	247668	47.64	ug/l		-0.01
Spiked Amount 50.000			Recovery = 95.28%				
35) Dibromofluoromethane	4.30	113	470563	48.66	ug/l		-0.02
Spiked Amount 50.000			Recovery = 97.32%				
50) Toluene-d8	7.71	98	940429	40.73	ug/l		-0.01
Spiked Amount 50.000			Recovery = 81.46%				
62) 4-Bromofluorobenzene	11.48	95	265103	30.27	ug/l		-0.02
Spiked Amount 50.000			Recovery = 60.54%				
Target Compounds							Qvalue
11) Tert butyl alcohol	2.68	59	1504	4.382	ug/l	#	1
13) Acrolein	2.07	56	1756	4.901	ug/l	#	46
16) Acetone	2.35	43	24905	18.465	ug/l		100
18) Methyl Acetate	2.49	43	5351	2.525	ug/l	#	71
20) Methylene Chloride	2.29	84	7064	1.045	ug/l		88
29) Tetrahydrofuran	4.27	42	1431	1.227	ug/l	#	83
49) 1,4-Dioxane	6.84	88	312	6.803	ug/l	#	33
52) Toluene	7.77	92	28762	1.554	ug/l		93
59) 2-Hexanone	9.62	43	2958	Below Cal			94
74) N-amyl acetate	11.43	43	689	Below Cal		#	85

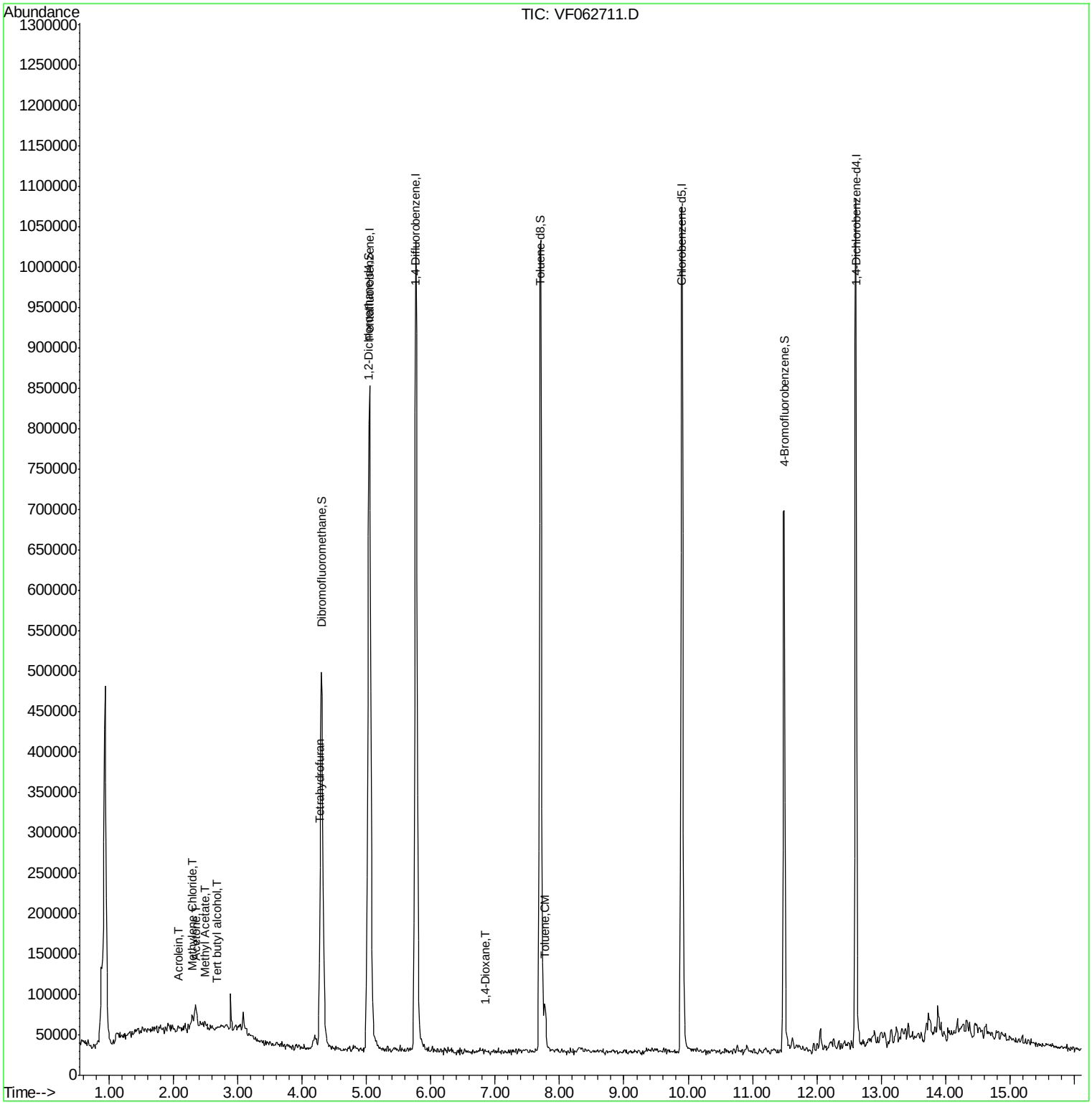
(#) = qualifier out of range (m) = manual integration (+) = signals summed

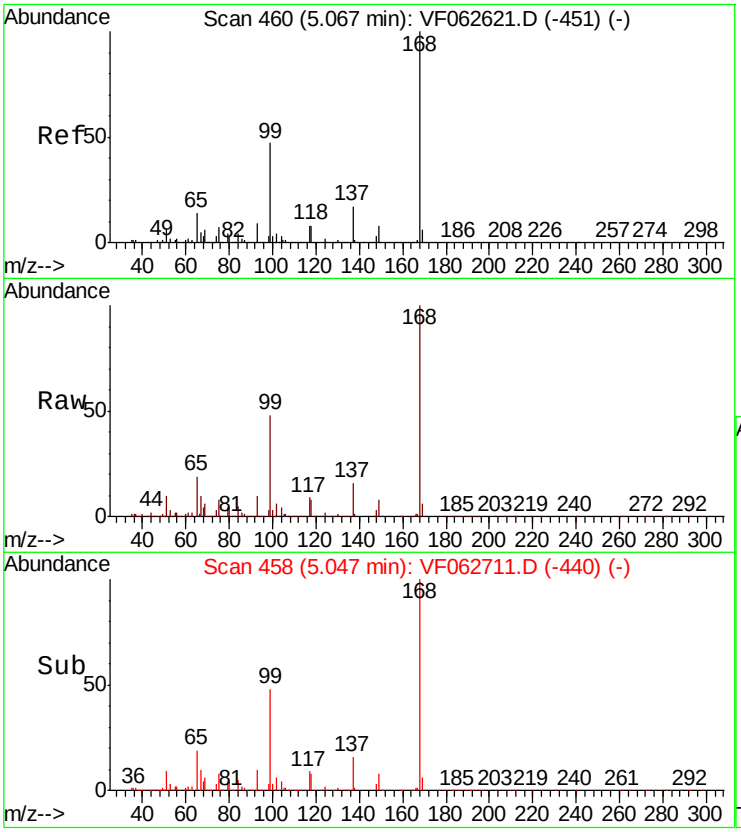
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052219\
Data File : VF062711.D
Acq On : 22 May 2019 17:45
Operator : FY/SY
Sample : K3008-06
Misc : 6.22g/5mL/MSVOA F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: May 23 01:23:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration



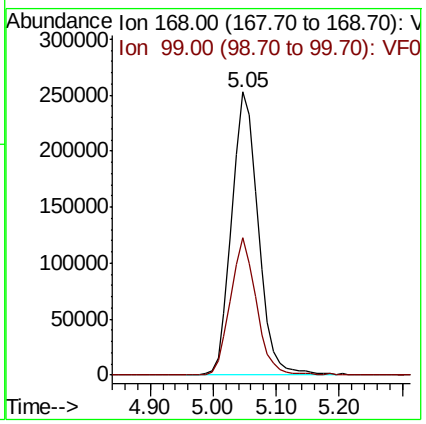


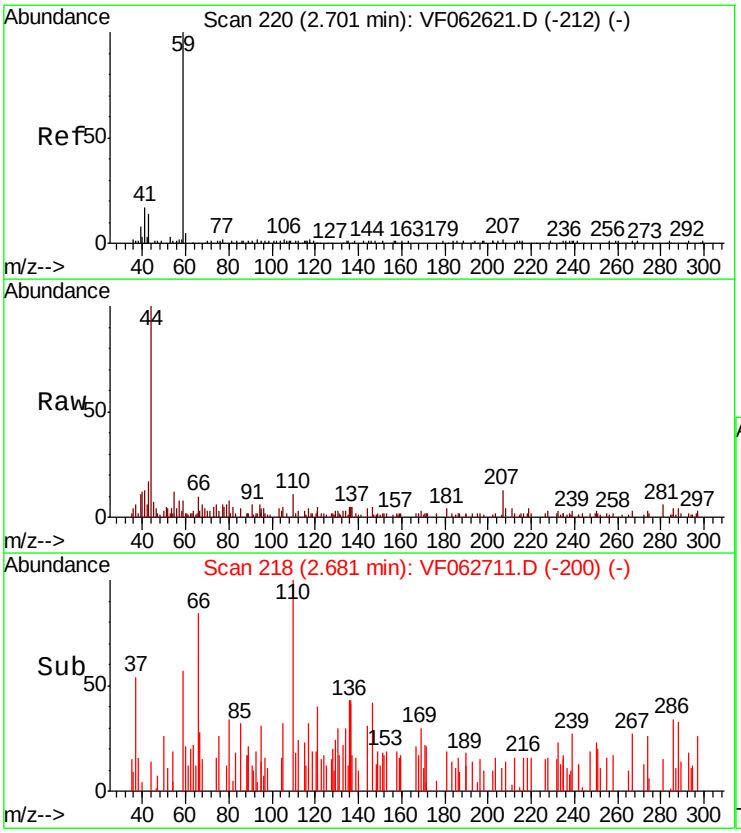
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.02 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 735721

Ion	Ratio	Lower	Upper
168	100		
99	48.4	37.8	56.8

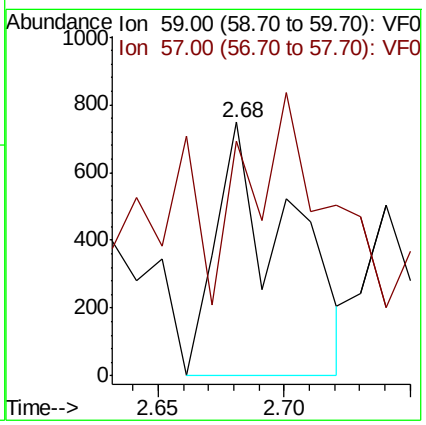


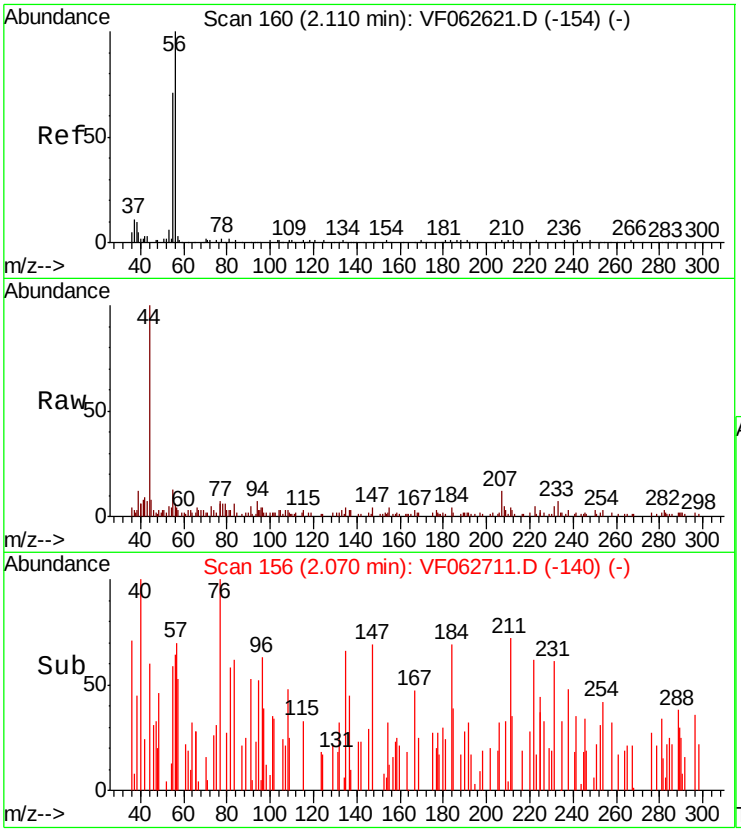


#11
Tert butyl alcohol
Concen: 4.382 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.02 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Tgt Ion: 59 Resp: 1504

Ion	Ratio	Lower	Upper
59	100		
57	92.7	9.3	13.9#



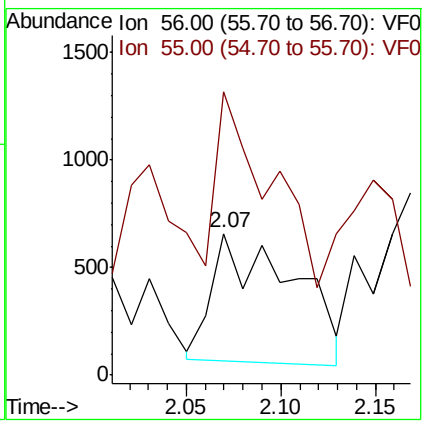


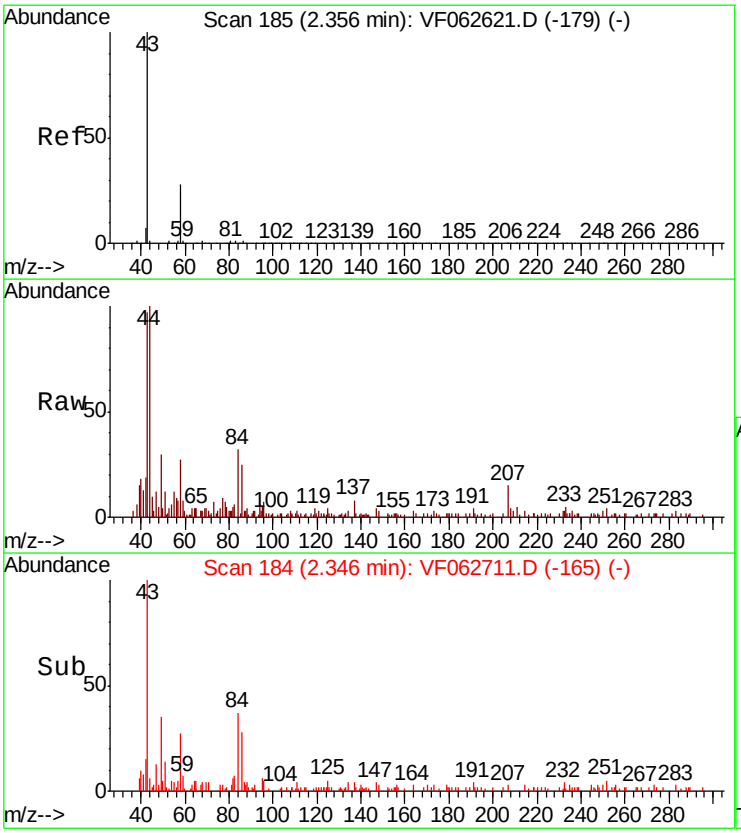
#13
Acrolein
Concen: 4.901 ug/l
RT: 2.07 min Scan# 156
Delta R.T. -0.04 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 1756

Ion	Ratio	Lower	Upper
56	100		
55	120.0	59.4	89.0#

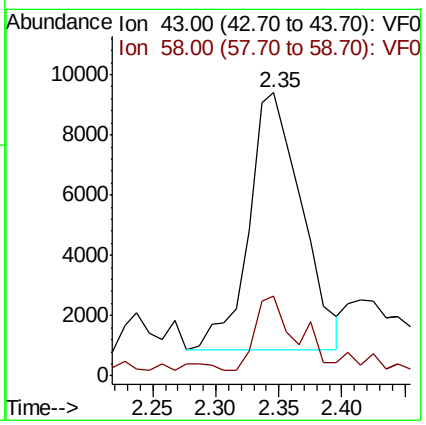


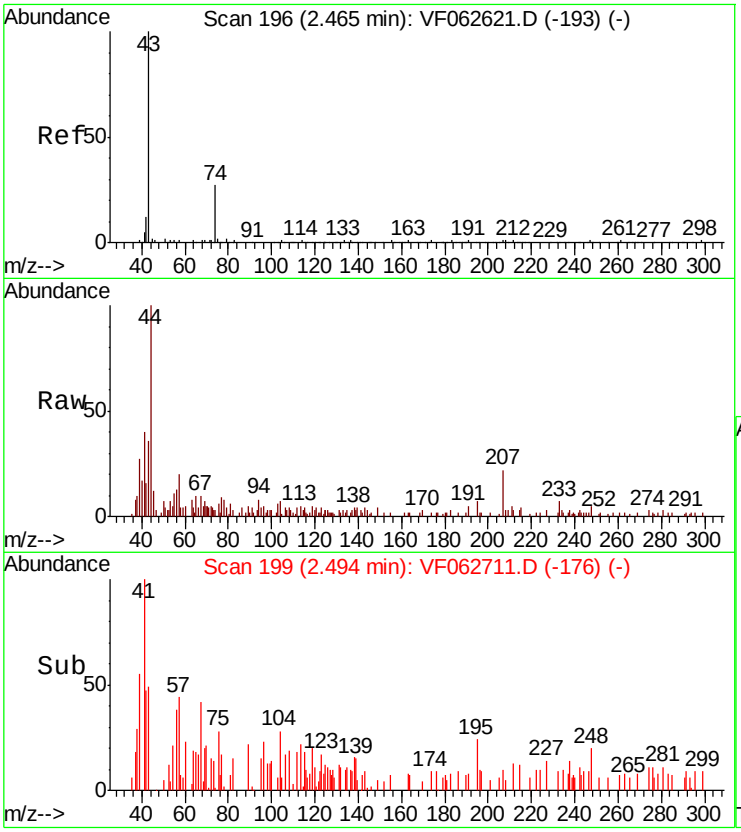


#16
Acetone
Concen: 18.465 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Tgt Ion: 43 Resp: 24905

Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.6	33.8



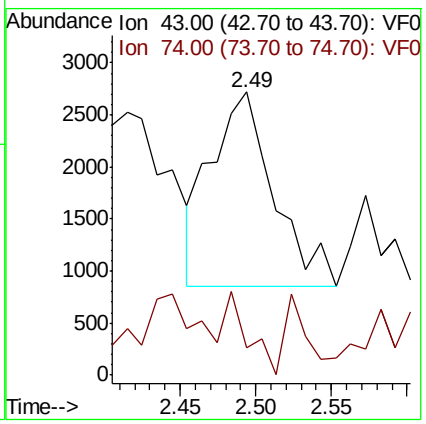


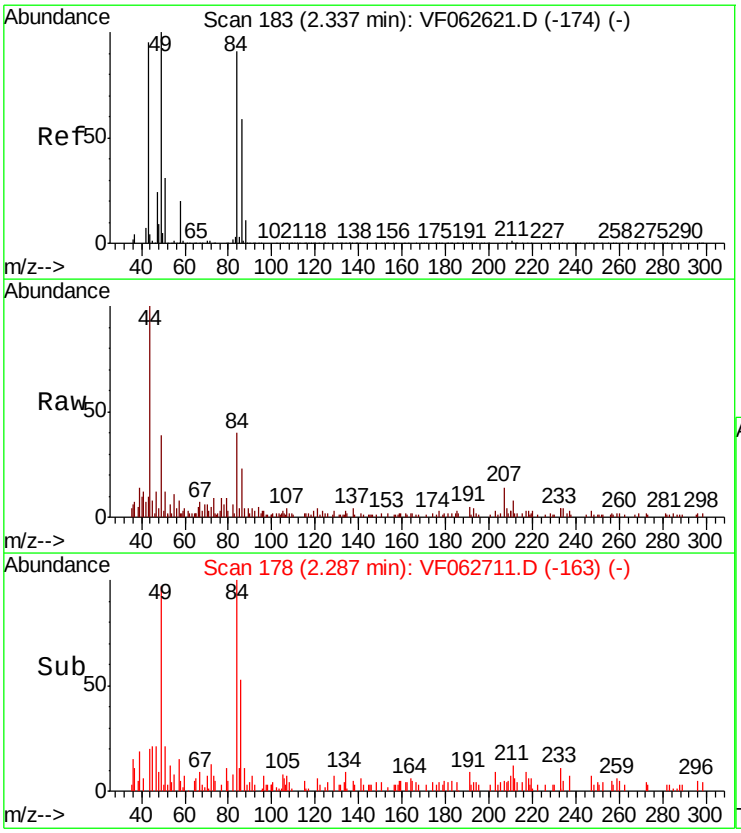
#18
Methyl Acetate
Concen: 2.525 ug/l
RT: 2.49 min Scan# 199
Delta R.T. 0.03 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 5351

Ion	Ratio	Lower	Upper
43	100		
74	9.4	18.9	28.3#

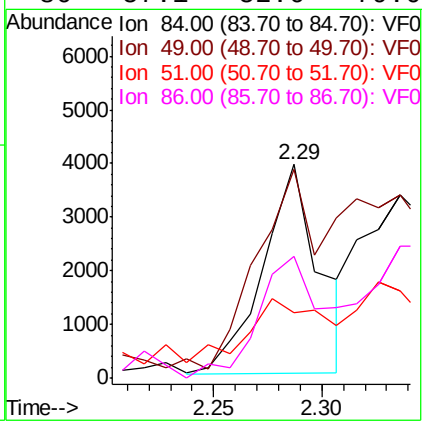


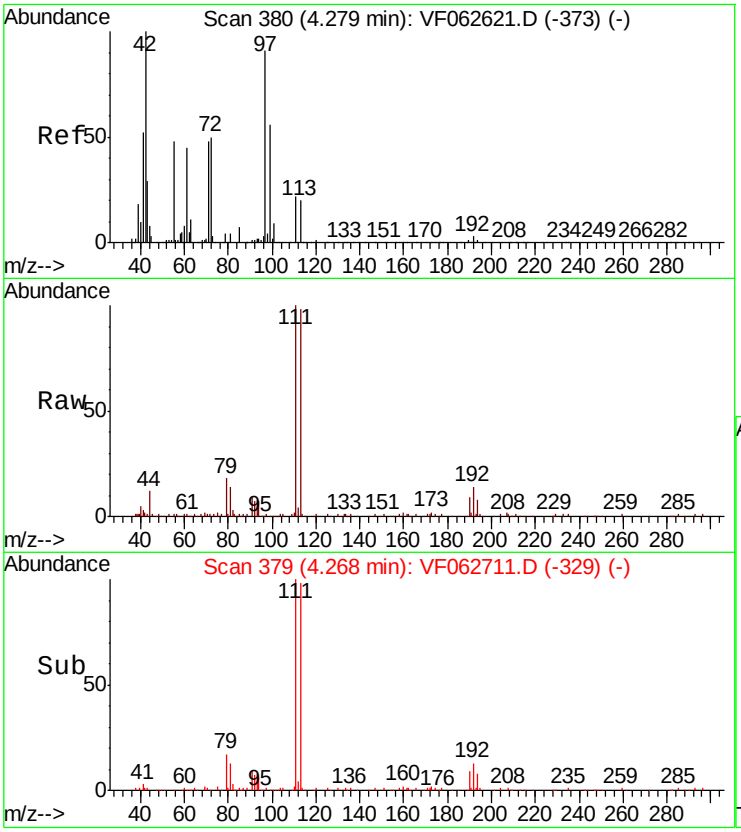


#20
Methylene Chloride
Concen: 1.045 ug/l
RT: 2.29 min Scan# 178
Delta R.T. -0.05 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Tgt Ion: 84 Resp: 7064

Ion	Ratio	Lower	Upper
84	100		
49	97.4	89.8	134.8
51	30.4	28.4	42.6
86	57.1	52.6	79.0



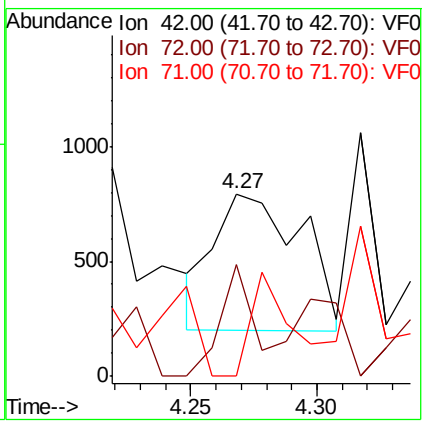


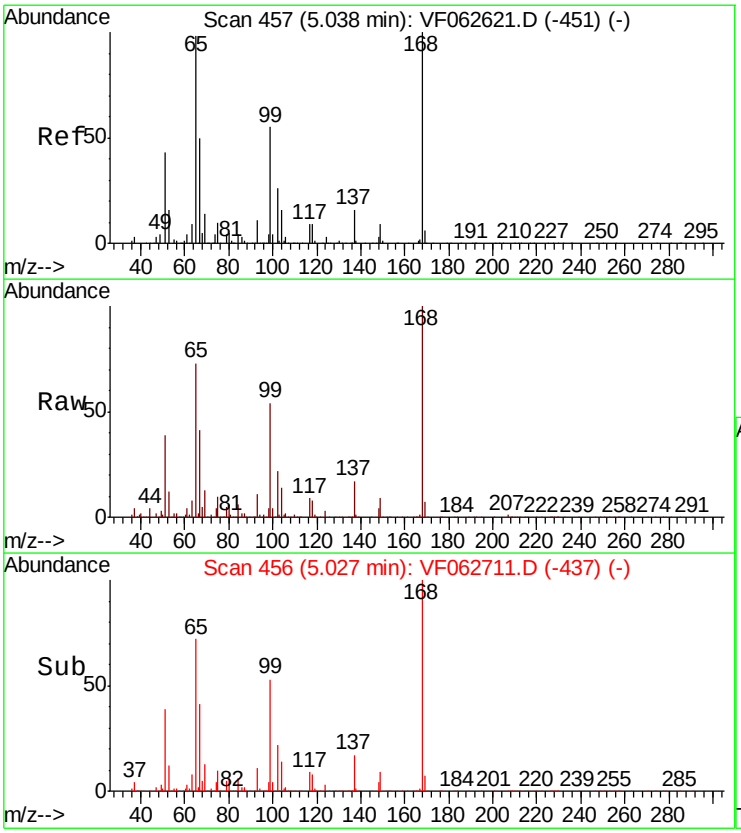
#29
Tetrahydrofuran
Concen: 1.227 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 1431

Ion	Ratio	Lower	Upper
42	100		
72	36.1	38.2	57.2#
71	34.0	35.8	53.6#

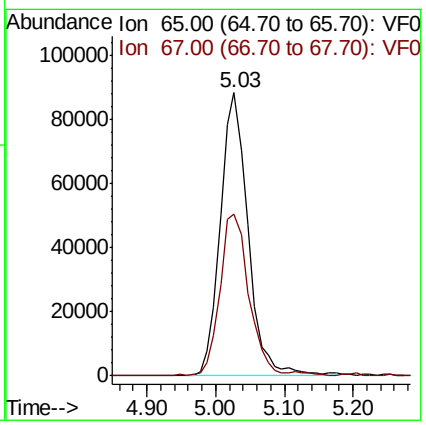


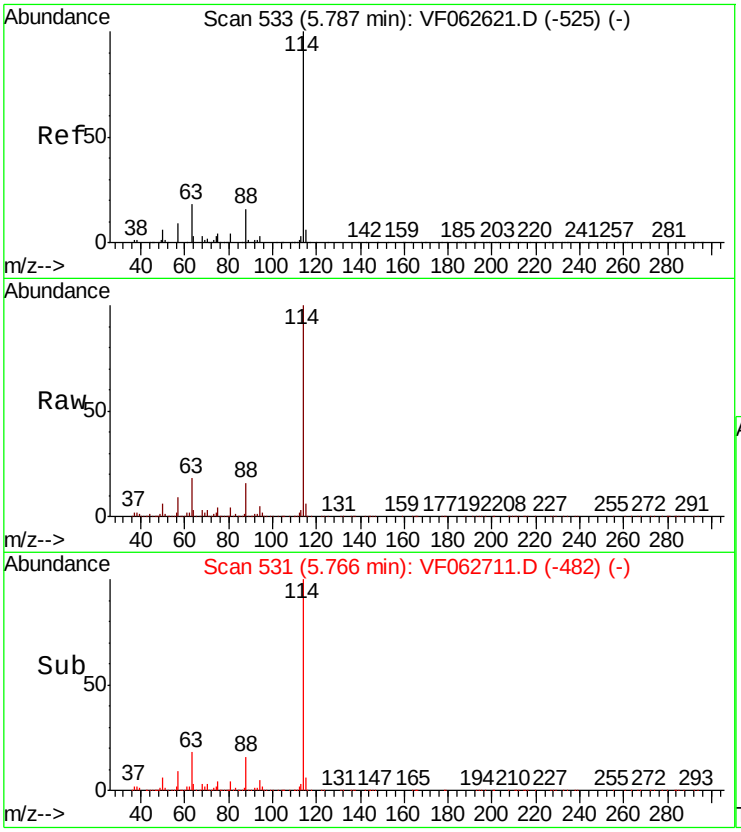


#33
1,2-Dichloroethane-d4
Concen: 47.638 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.01 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Tgt Ion: 65 Resp: 247668

Ion	Ratio	Lower	Upper
65	100		
67	57.0	0.0	117.6



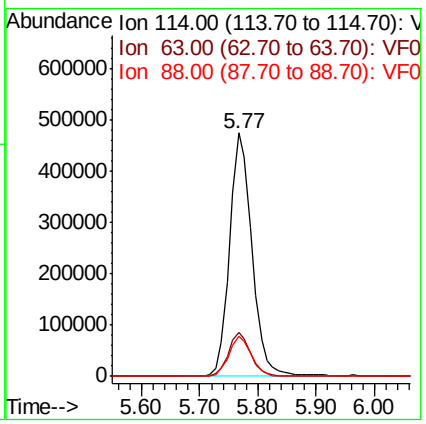


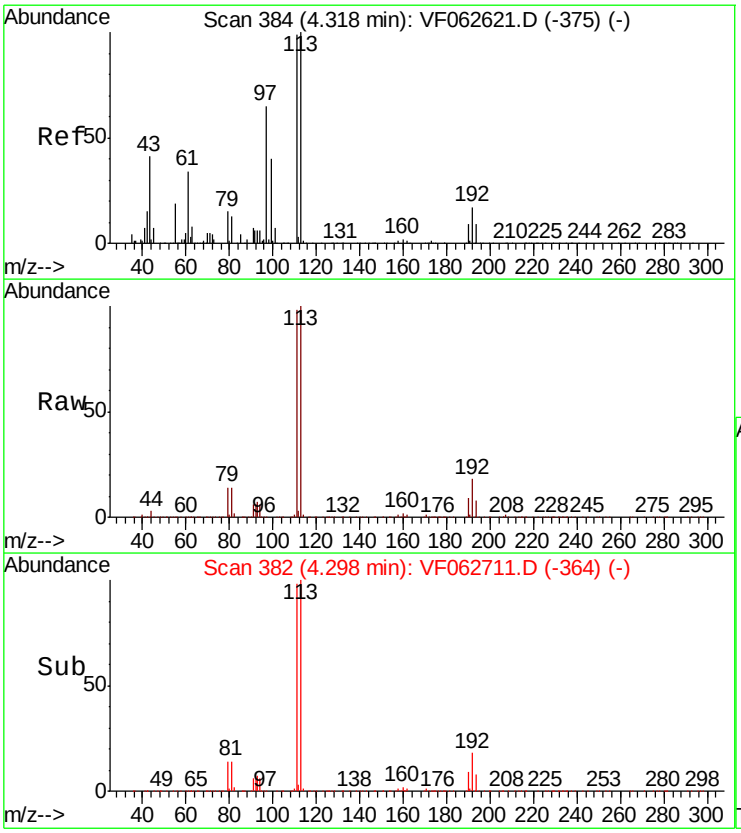
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 531
Delta R.T. -0.02 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 1263817

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.4
88	16.3	0.0	32.4

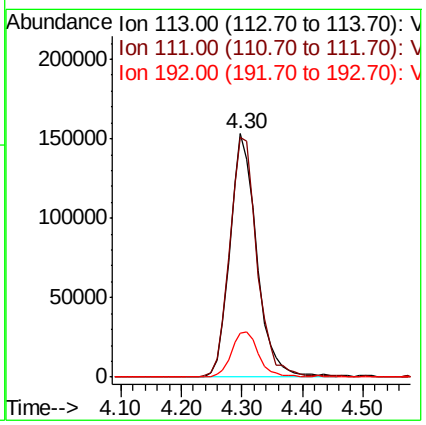


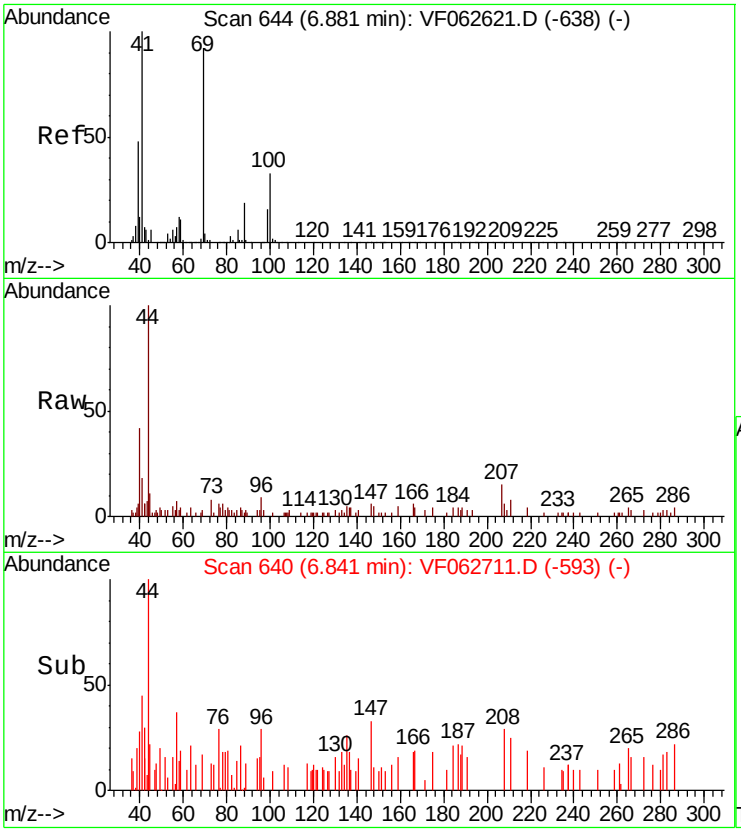


#35
Dibromofluoromethane
Concen: 48.658 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.02 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Tgt Ion:113 Resp: 470563

Ion	Ratio	Lower	Upper
113	100		
111	98.3	79.4	119.2
192	18.0	13.4	20.2



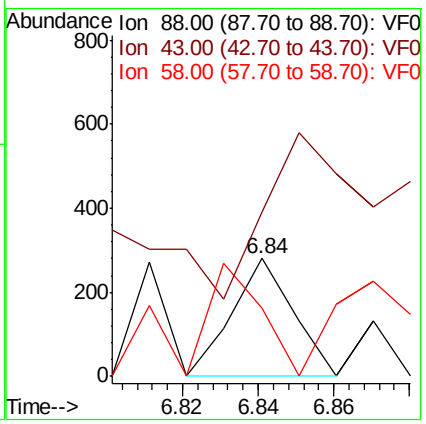


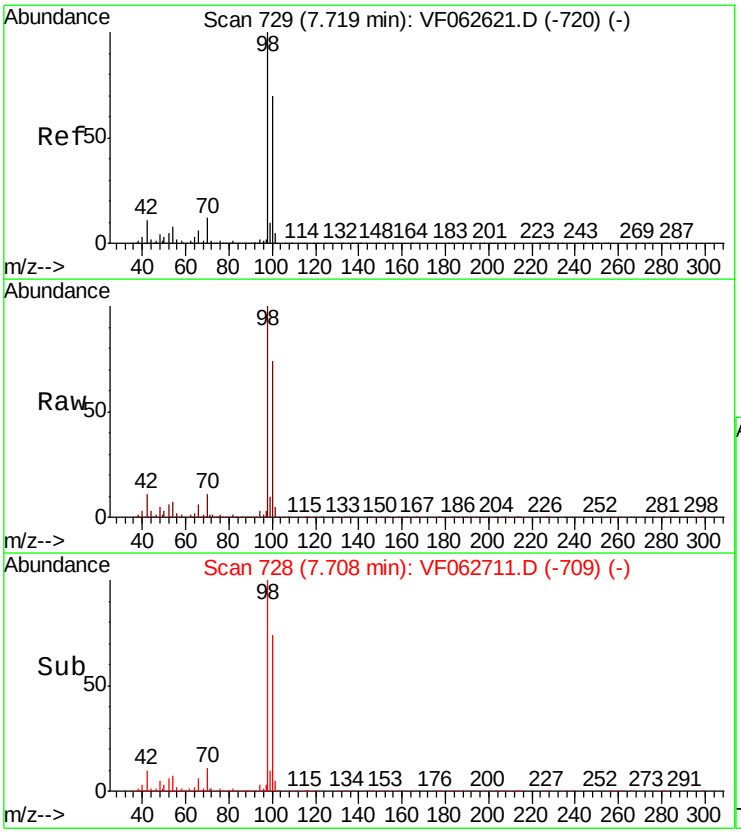
#49
1,4-Dioxane
Concen: 6.803 ug/l
RT: 6.84 min Scan# 640
Delta R.T. -0.04 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 312

Ion	Ratio	Lower	Upper
88	100		
43	139.1	30.0	45.0#
58	58.0	51.1	76.7

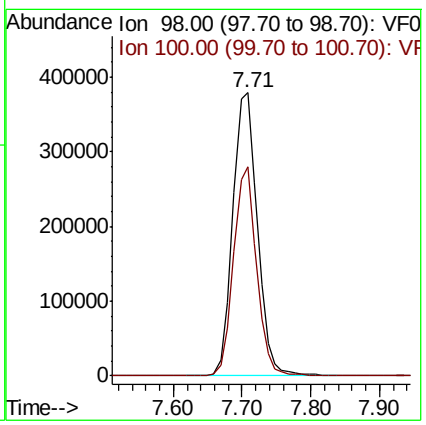


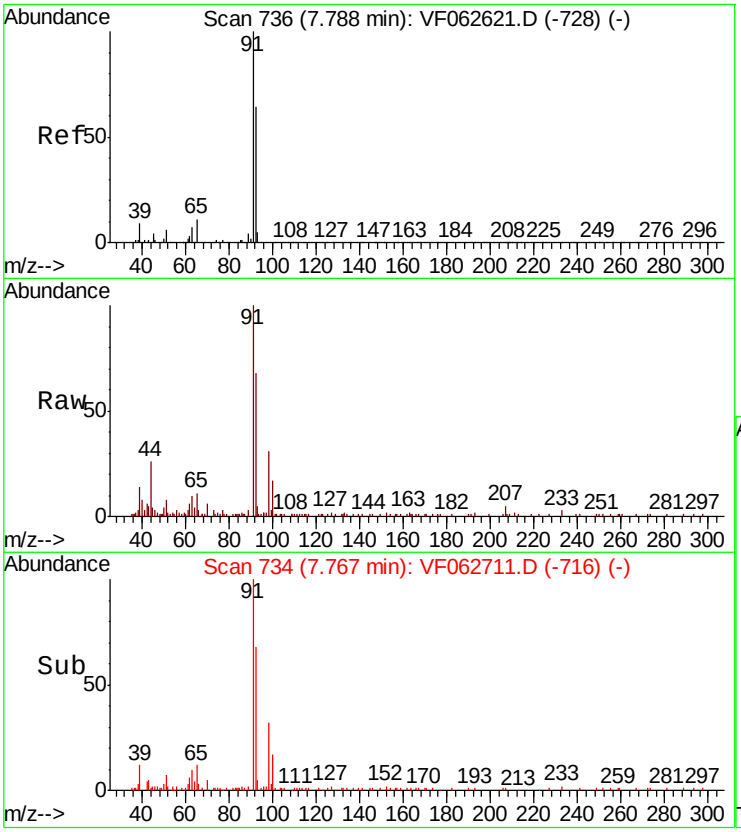


#50
Toluene-d8
Concen: 40.729 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Tgt Ion: 98 Resp: 940429

Ion	Ratio	Lower	Upper
98	100		
100	73.7	56.2	84.2



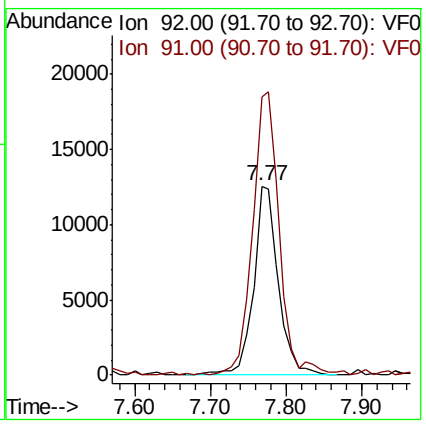


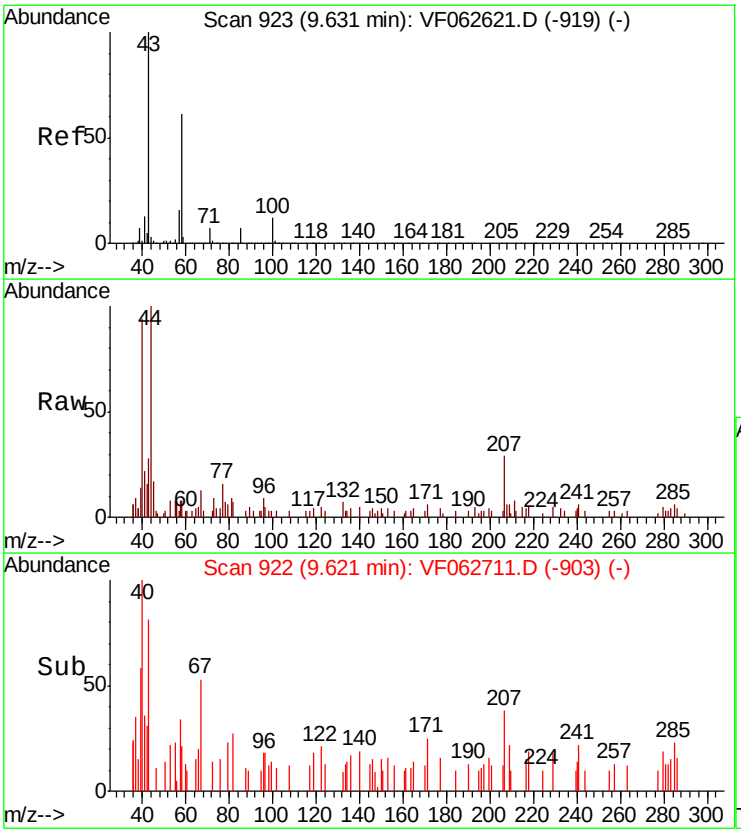
#52
Toluene
Concen: 1.554 ug/l
RT: 7.77 min Scan# 734
Delta R.T. -0.02 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 92 Resp: 28762

Ion	Ratio	Lower	Upper
92	100		
91	147.6	125.4	188.0

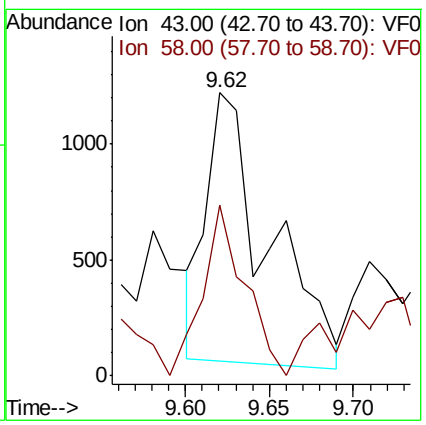


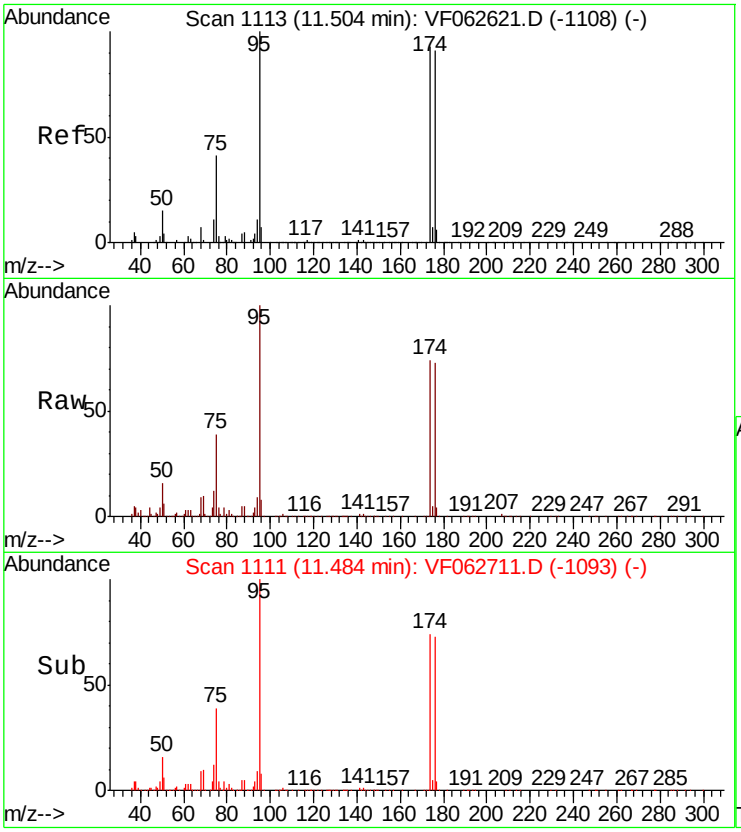


#59
2-Hexanone
Concen: Below Cal
RT: 9.62 min Scan# 922
Delta R.T. -0.01 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Tgt Ion: 43 Resp: 2958

Ion	Ratio	Lower	Upper
43	100		
58	60.5	28.1	84.4



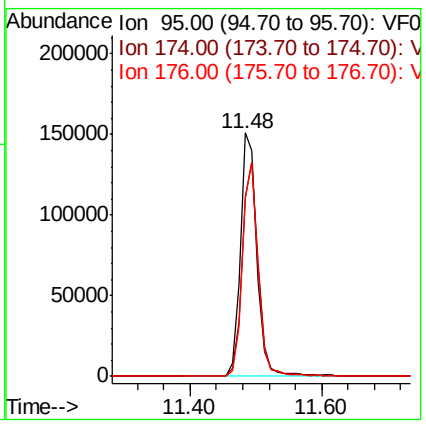


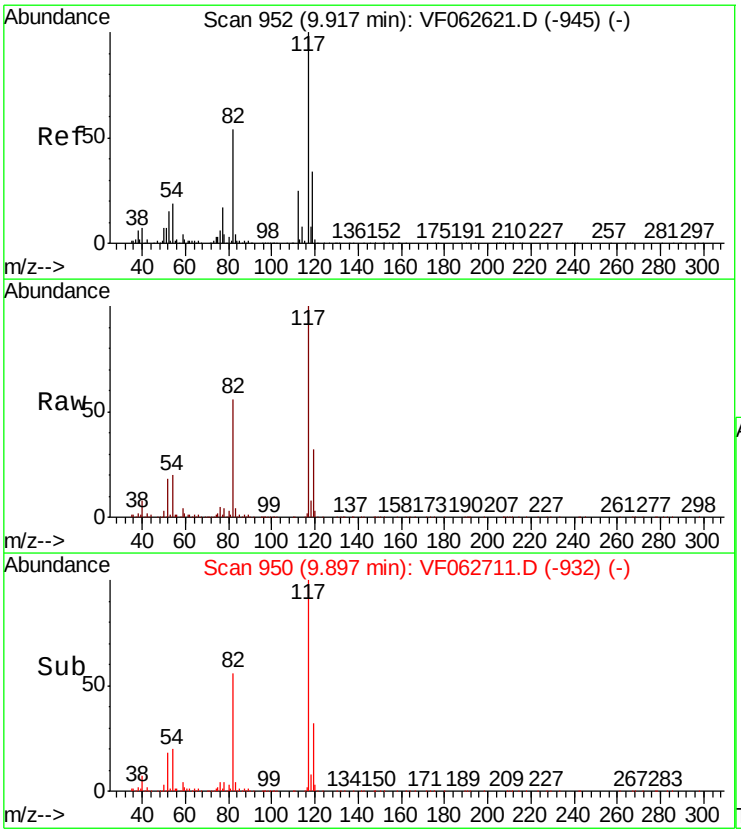
#62
4-Bromofluorobenzene
Concen: 30.272 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 265103

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	185.6
176	73.1	0.0	182.4

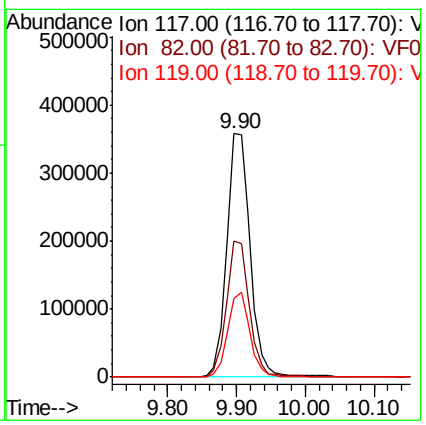


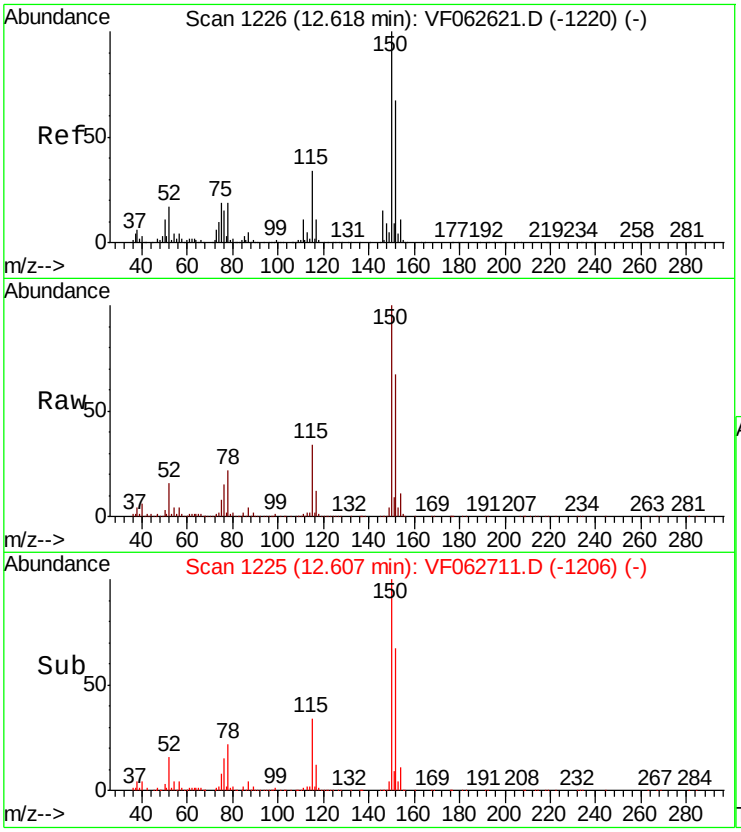


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.02 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Tgt Ion:117 Resp: 843988

Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.3	64.9
119	32.4	27.4	41.0



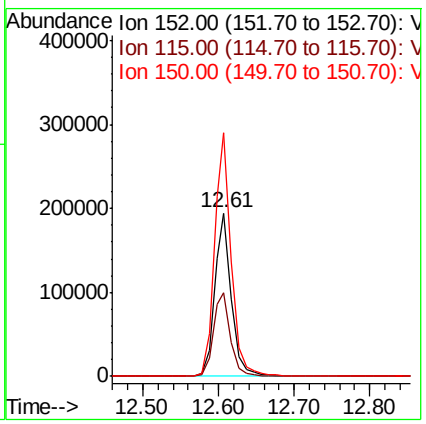


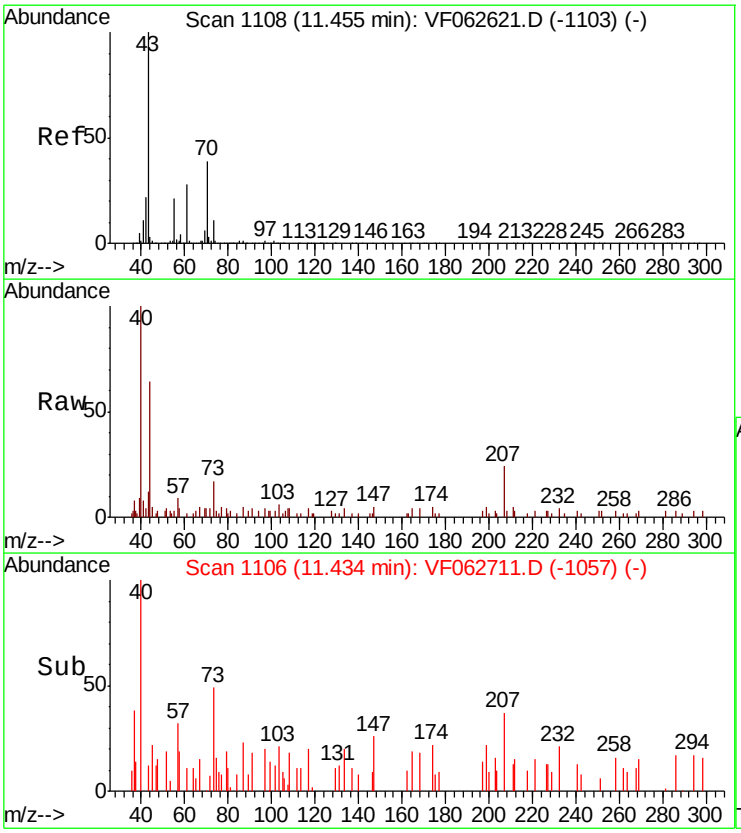
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 298871

Ion	Ratio	Lower	Upper
152	100		
115	50.8	25.2	75.6
150	148.9	0.0	306.2





#74
N-amyl acetate
Concen: Below Cal
RT: 11.43 min Scan# 1106
Delta R.T. -0.02 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Tgt Ion: 43 Resp: 689

Ion	Ratio	Lower	Upper
43	100		
70	31.5	30.9	46.3
55	28.5	17.0	25.4#
61	18.8	22.6	34.0#