Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032319\
Data File : VF062113.D
Acq On : 23 Mar 2019 13:09
Operator : VA/AP
Sample : VF0323SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0323SBL01

Quant Time: Mar 25 01:27:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	267590	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.60	114	390009	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.77	117	336828	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	195334	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	96424	48.45	ug/l	-0.03
Spiked Amount 50.000			Recovery = 96.90%			
35) Dibromofluoromethane	4.11	113	136639	51.79	ug/l	-0.03
Spiked Amount 50.000			Recovery = 103.58%			
50) Toluene-d8	7.56	98	382419	48.56	ug/l	-0.03
Spiked Amount 50.000			Recovery = 97.12%			
62) 4-Bromofluorobenzene	11.41	95	152346	50.11	ug/l	-0.03
Spiked Amount 50.000			Recovery = 100.22%			
Target Compounds						Qvalue
13) Acrolein	2.02	56	662	5.027	ug/l #	39
15) Acrylonitrile	2.93	53	433	1.124	ug/l #	58
16) Acetone	2.25	43	2781	6.639	ug/l #	73
18) Methyl Acetate	2.38	43	2634	2.636	ug/l #	56
20) Methylene Chloride	2.18	84	4767	Below Cal	#	80
29) Tetrahydrofuran	4.08	42	399	1.049	ug/l #	46
59) 2-Hexanone	9.50	43	1828	1.895	ug/l #	46

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

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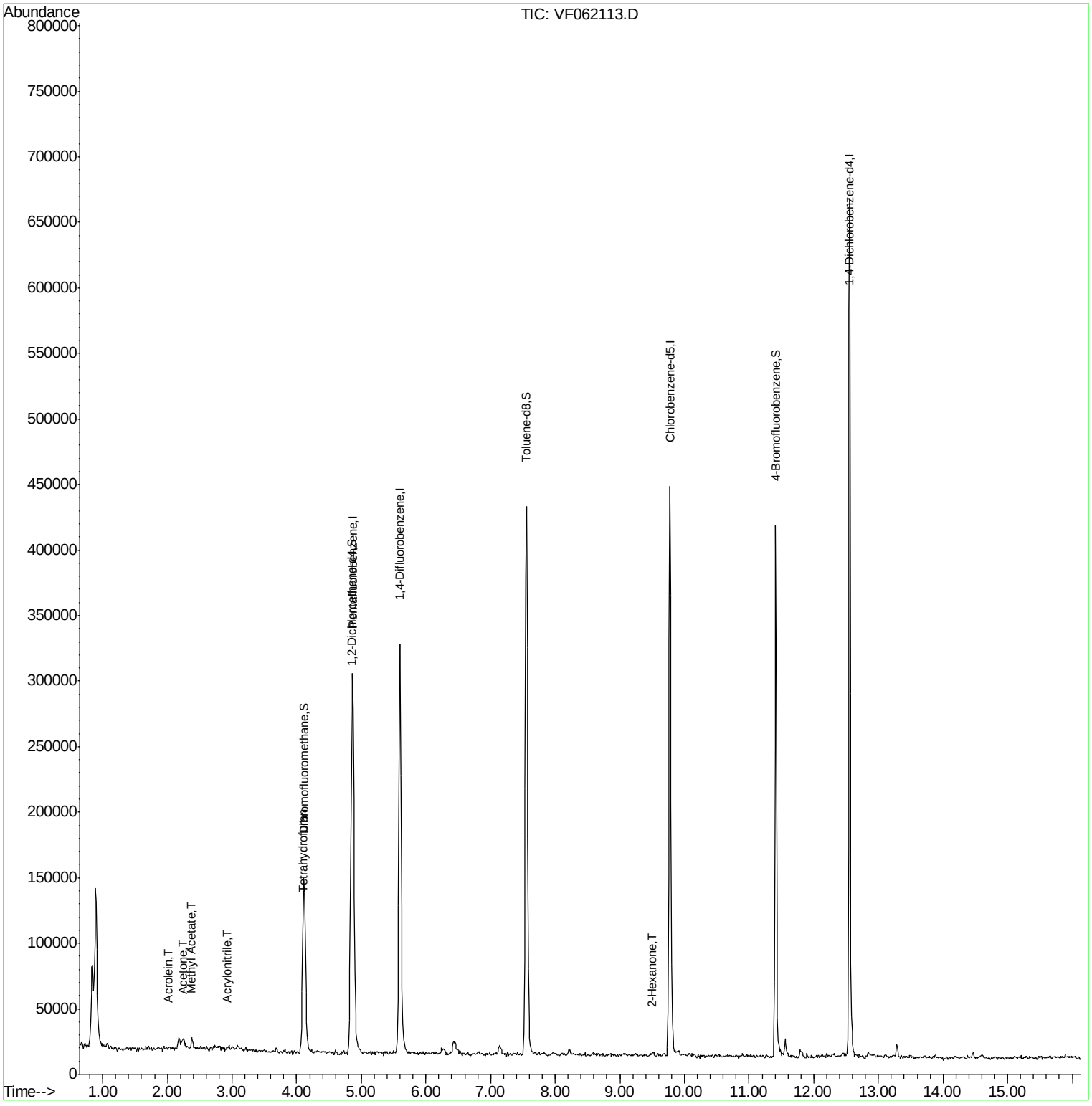
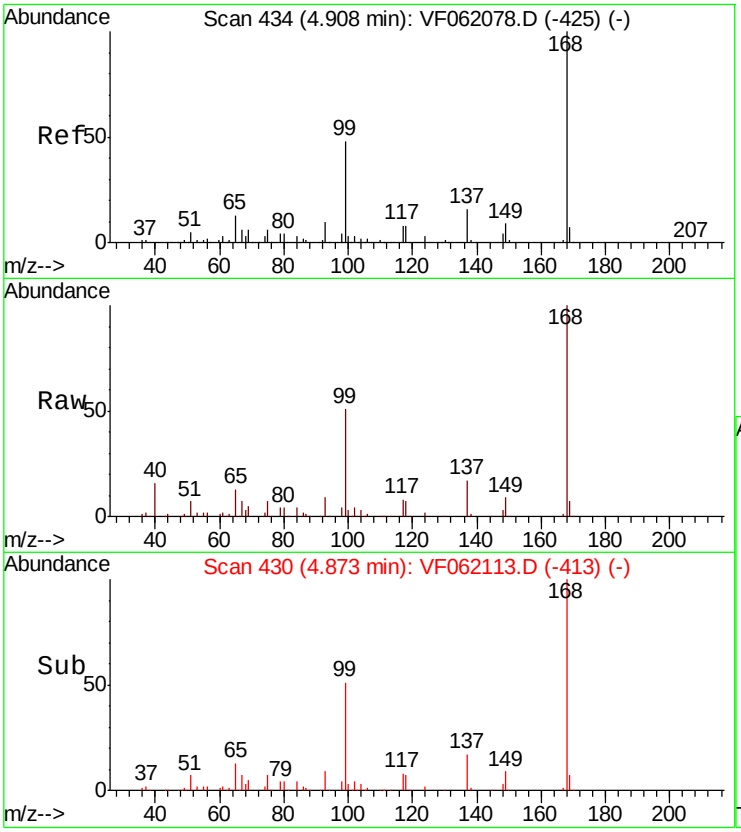


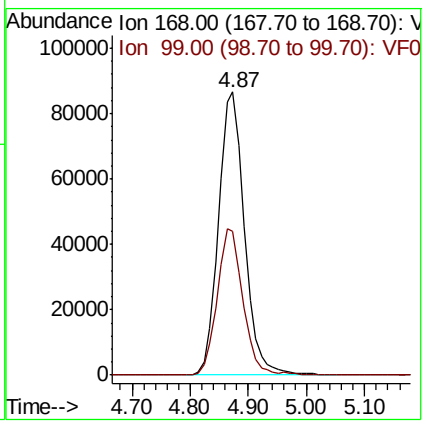


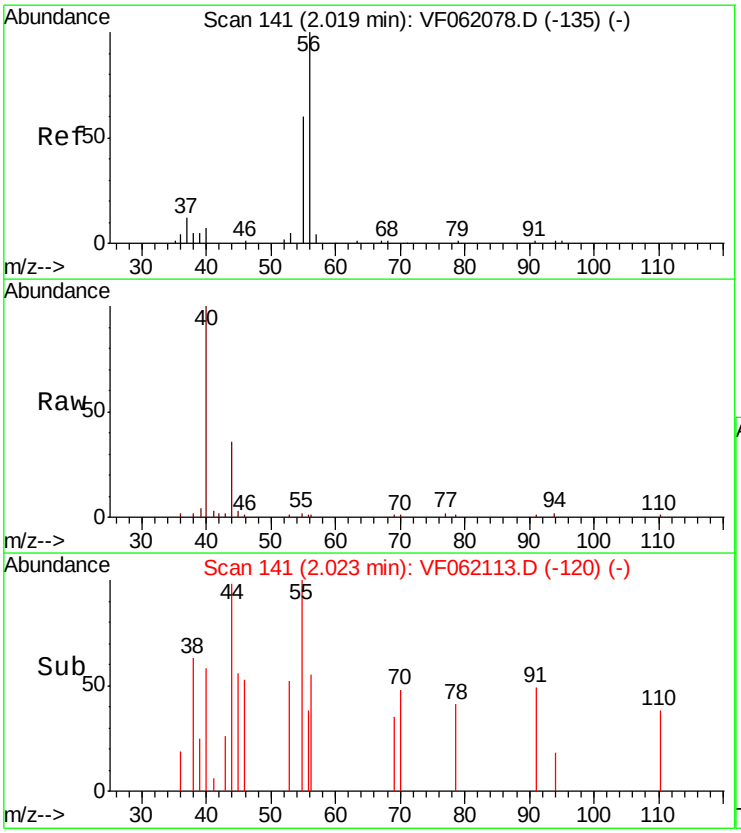
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.03 min
Lab File: VF062113.D
Acq: 23 Mar 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
VF0323SBL01

Tgt Ion:168 Resp: 267590

Ion	Ratio	Lower	Upper
168	100		
99	50.9	38.2	57.4

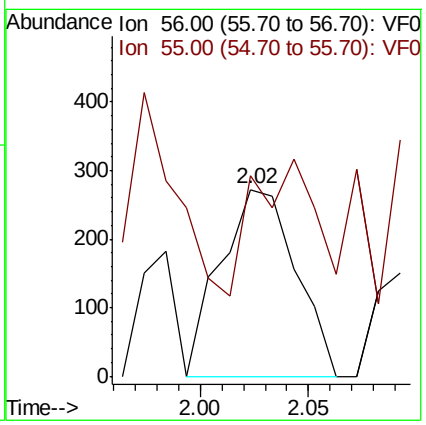


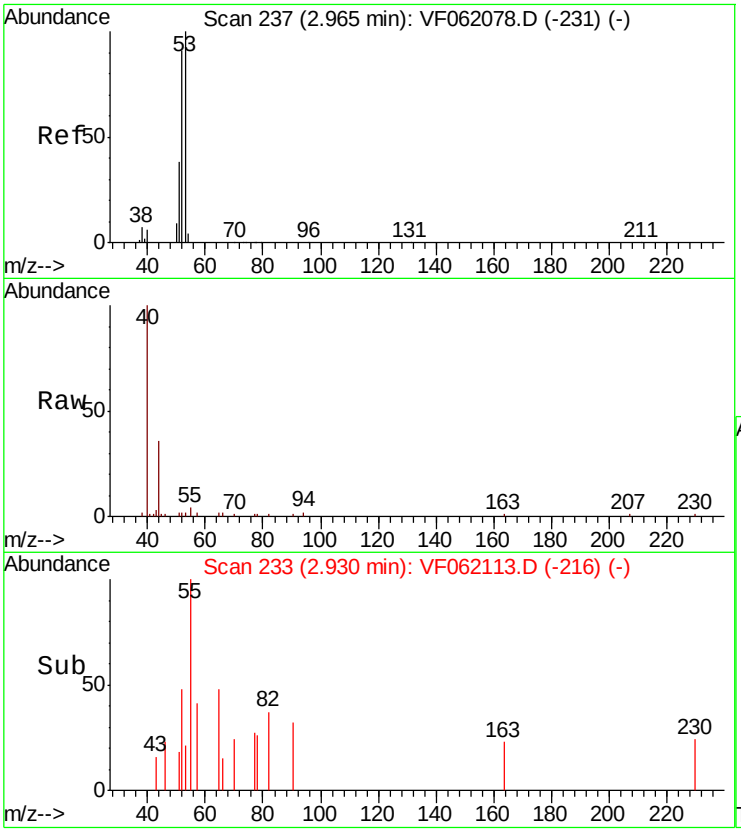


#13
Acrolein
Concen: 5.027 ug/l
RT: 2.02 min Scan# 141
Delta R.T. 0.00 min
Lab File: VF062113.D
Acq: 23 Mar 2019 13:09

Tgt Ion: 56 Resp: 662

Ion	Ratio	Lower	Upper
56	100		
55	107.7	49.0	73.4#



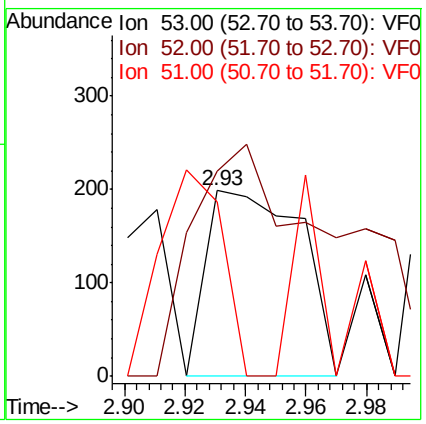


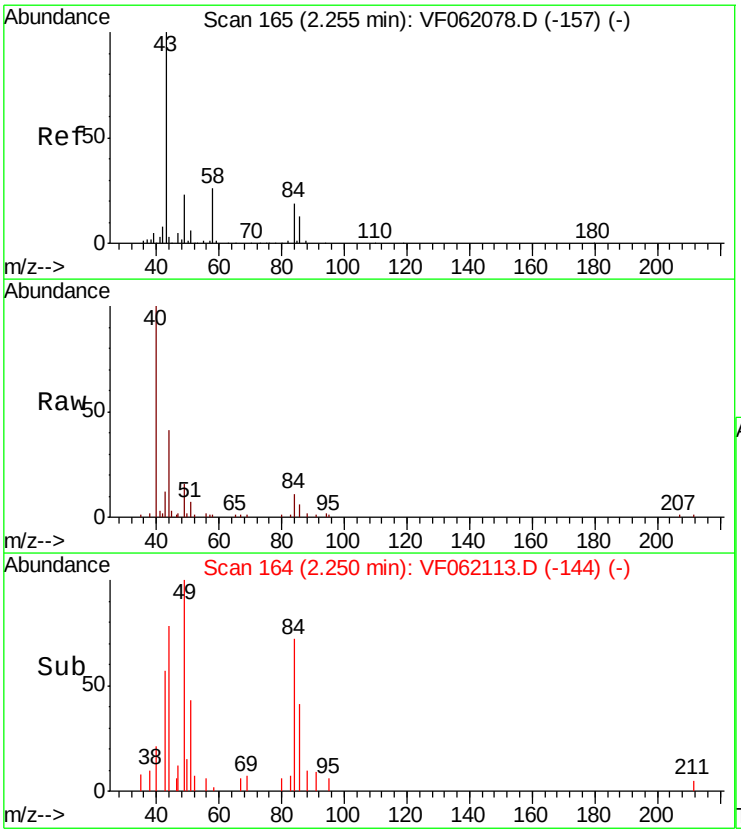
#15
Acrylonitrile
Concen: 1.124 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.03 min
Lab File: VF062113.D
Acq: 23 Mar 2019 13:09

Instrument : MSVOA_F
ClientSampleId : VF0323SBL01

Tgt Ion: 53 Resp: 433

Ion	Ratio	Lower	Upper
53	100		
52	110.1	72.3	108.5#
51	94.0	30.4	45.6#

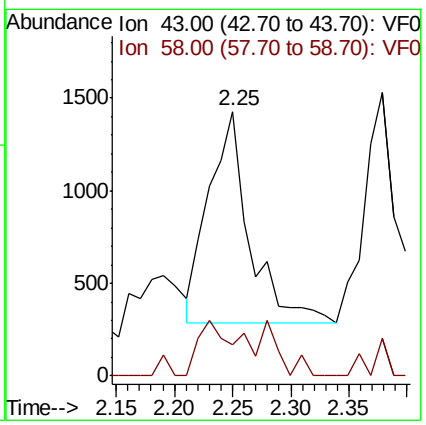


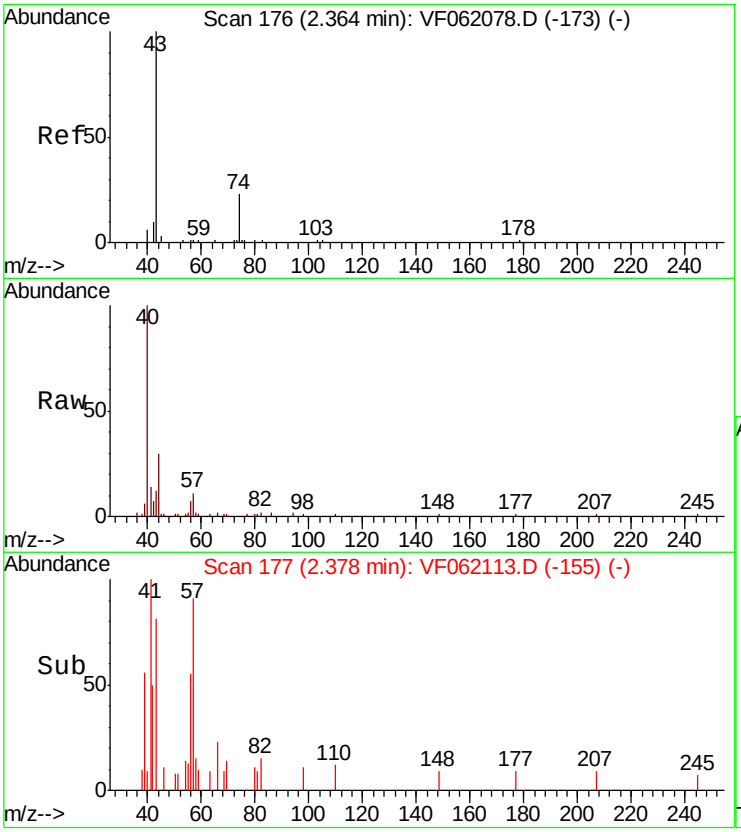


#16
Acetone
Concen: 6.639 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF062113.D
Acq: 23 Mar 2019 13:09

Tgt Ion: 43 Resp: 2781

Ion	Ratio	Lower	Upper
43	100		
58	12.0	20.8	31.2#



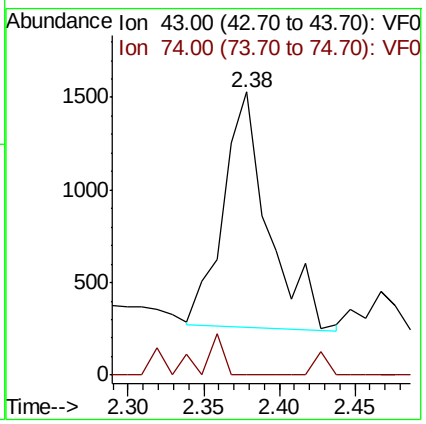


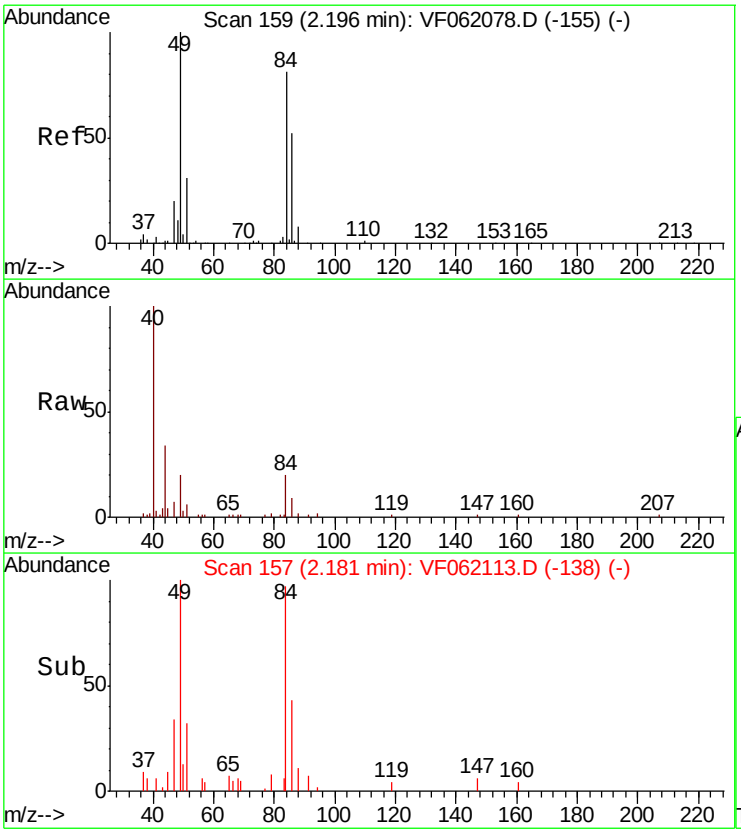
#18
Methyl Acetate
Concen: 2.636 ug/l
RT: 2.38 min Scan# 177
Delta R.T. 0.02 min
Lab File: VF062113.D
Acq: 23 Mar 2019 13:09

Instrument : MSVOA_F
ClientSampleId : VF0323SBL01

Tgt Ion: 43 Resp: 2634

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#

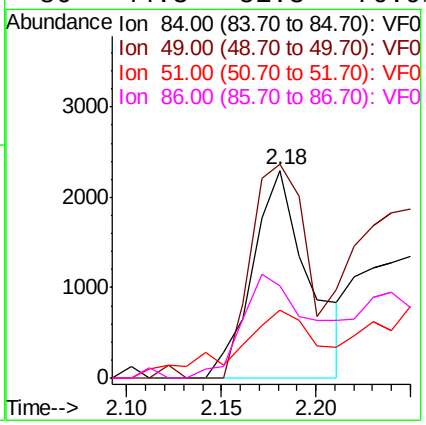


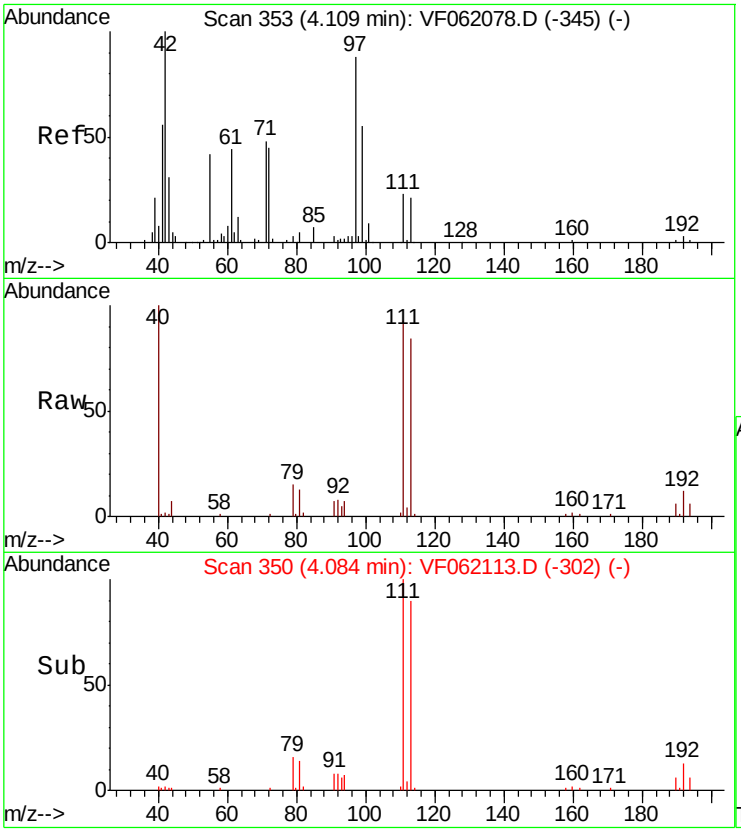


#20
Methylene Chloride
Concen: Below Cal
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF062113.D
Acq: 23 Mar 2019 13:09

Tgt Ion: 84 Resp: 4767

Ion	Ratio	Lower	Upper
84	100		
49	102.7	100.4	150.6
51	32.4	31.0	46.6
86	44.3	51.3	76.9#



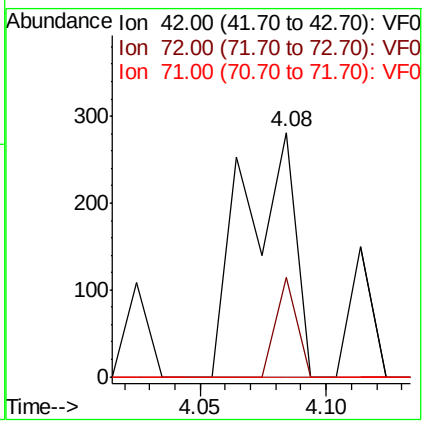


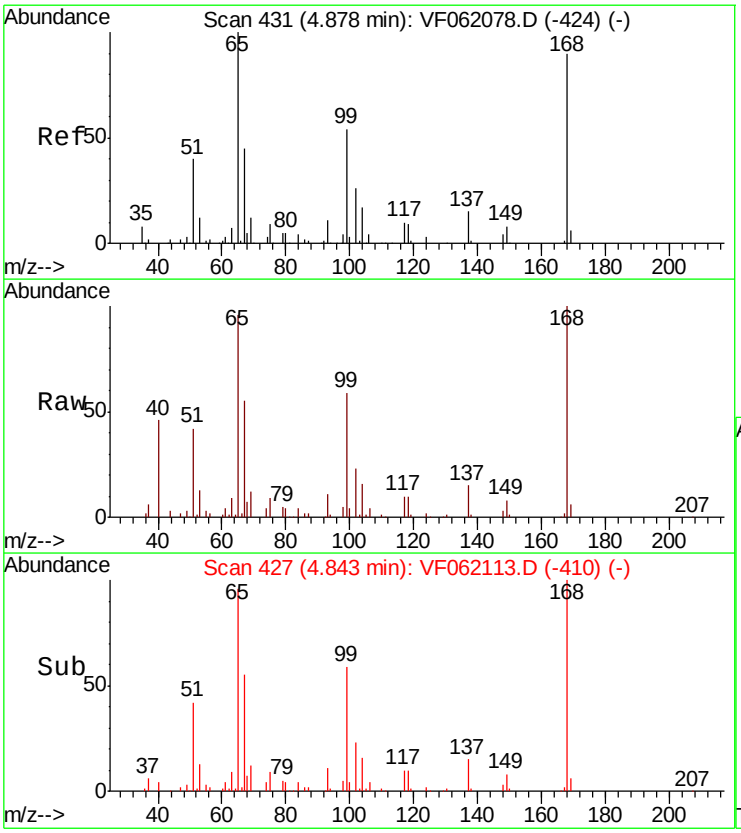
#29
Tetrahydrofuran
Concen: 1.049 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.03 min
Lab File: VF062113.D
Acq: 23 Mar 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
VF0323SBL01

Tgt Ion: 42 Resp: 399

Ion	Ratio	Lower	Upper
42	100		
72	17.0	33.3	49.9#
71	0.0	35.0	52.4#

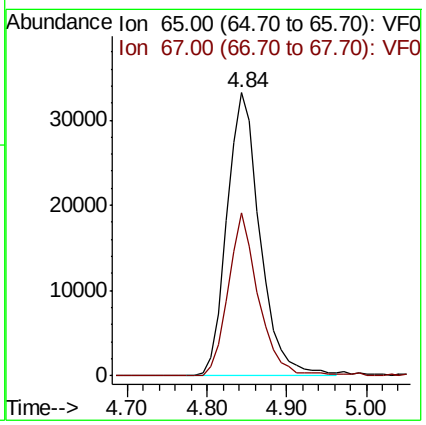


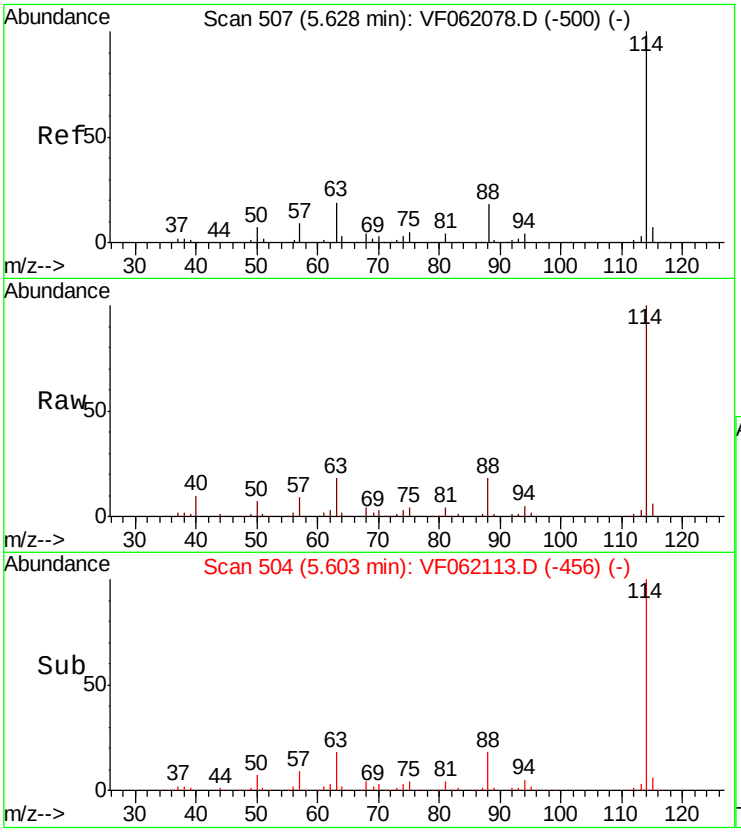


#33
1,2-Dichloroethane-d4
Concen: 48.446 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.03 min
Lab File: VF062113.D
Acq: 23 Mar 2019 13:09

Tgt Ion: 65 Resp: 96424

Ion	Ratio	Lower	Upper
65	100		
67	57.6	0.0	106.2



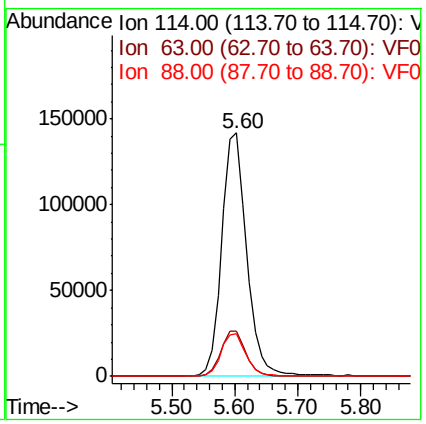


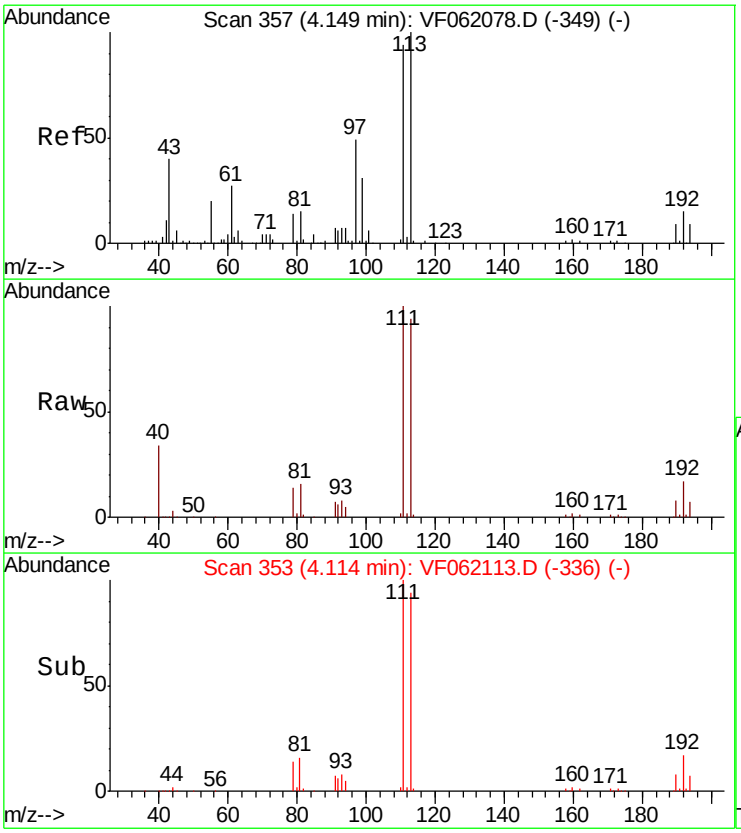
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.03 min
Lab File: VF062113.D
Acq: 23 Mar 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
VF0323SBL01

Tgt Ion:114 Resp: 390009

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	37.8
88	17.6	0.0	36.4

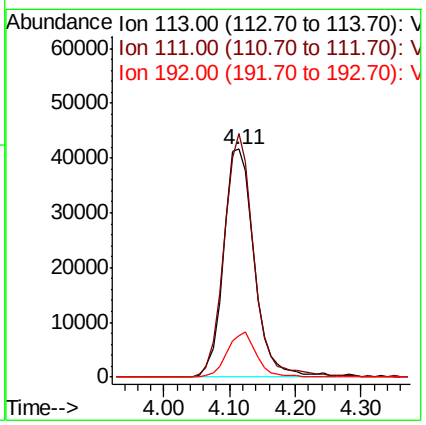


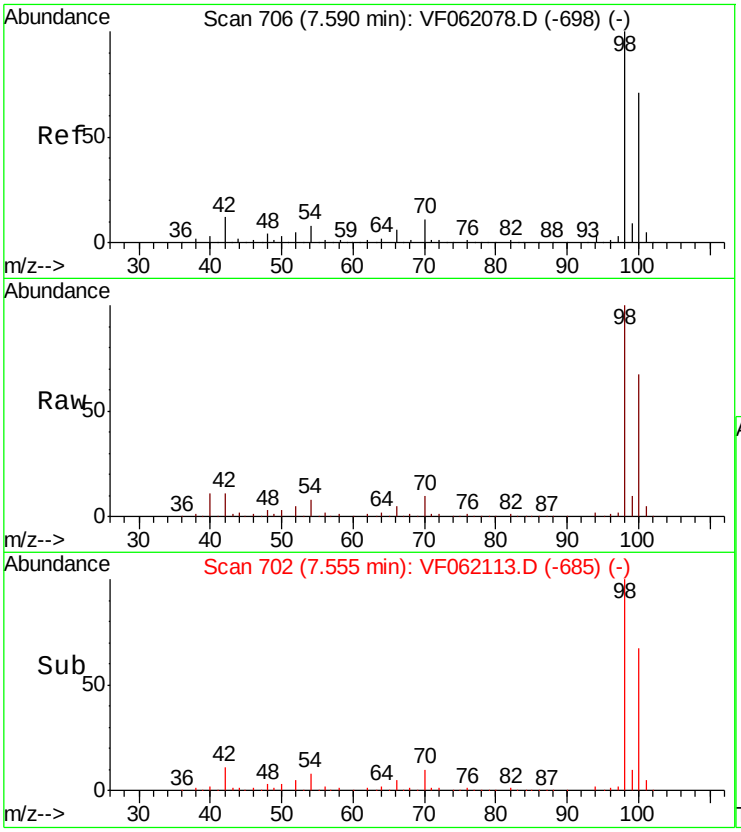


#35
Dibromofluoromethane
Concen: 51.791 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.03 min
Lab File: VF062113.D
Acq: 23 Mar 2019 13:09

Tgt Ion:113 Resp: 136639

Ion	Ratio	Lower	Upper
113	100		
111	106.9	75.4	113.0
192	19.0	12.3	18.5#



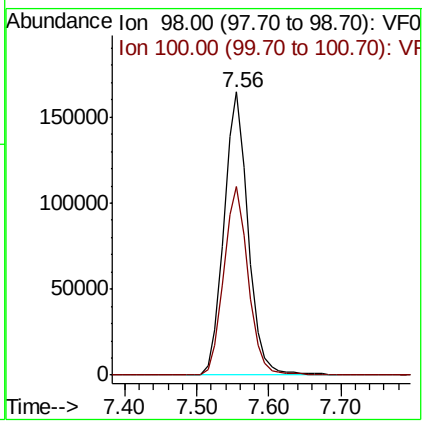


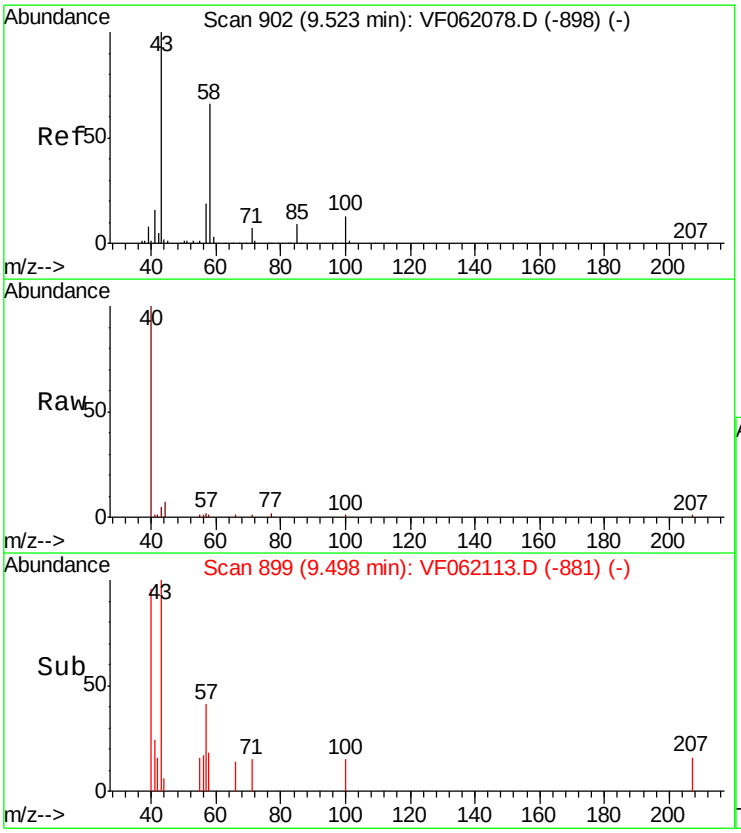
#50
Toluene-d8
Concen: 48.560 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.03 min
Lab File: VF062113.D
Acq: 23 Mar 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
VF0323SBL01

Tgt Ion: 98 Resp: 382419

Ion	Ratio	Lower	Upper
98	100		
100	66.6	57.0	85.6

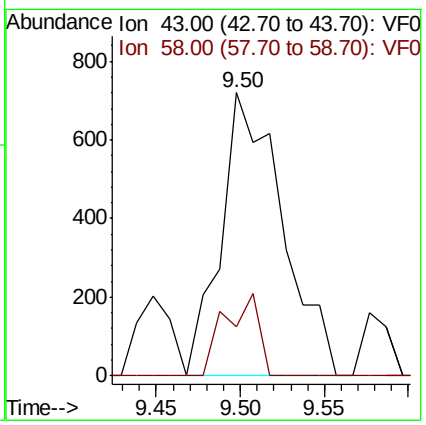


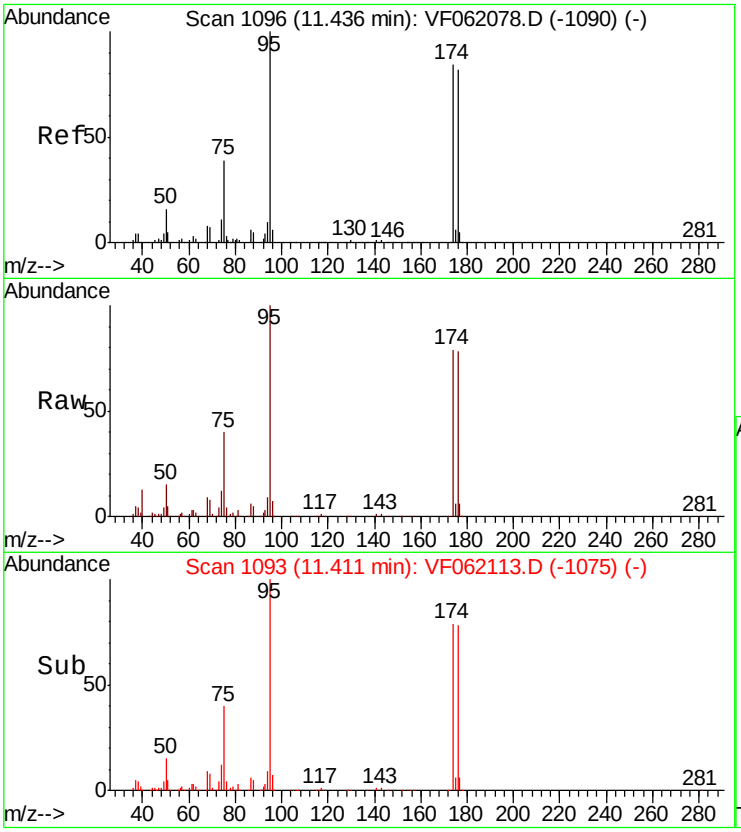


#59
2-Hexanone
Concen: 1.895 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.03 min
Lab File: VF062113.D
Acq: 23 Mar 2019 13:09

Tgt Ion: 43 Resp: 1828

Ion	Ratio	Lower	Upper
43	100		
58	17.5	28.8	86.4#



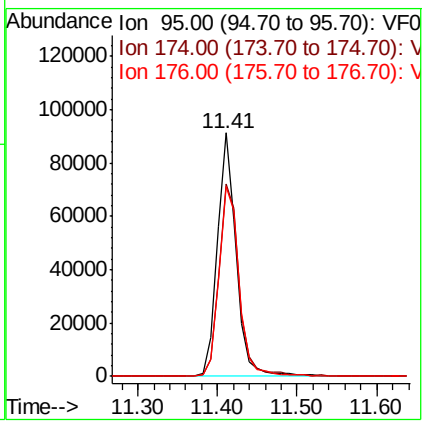


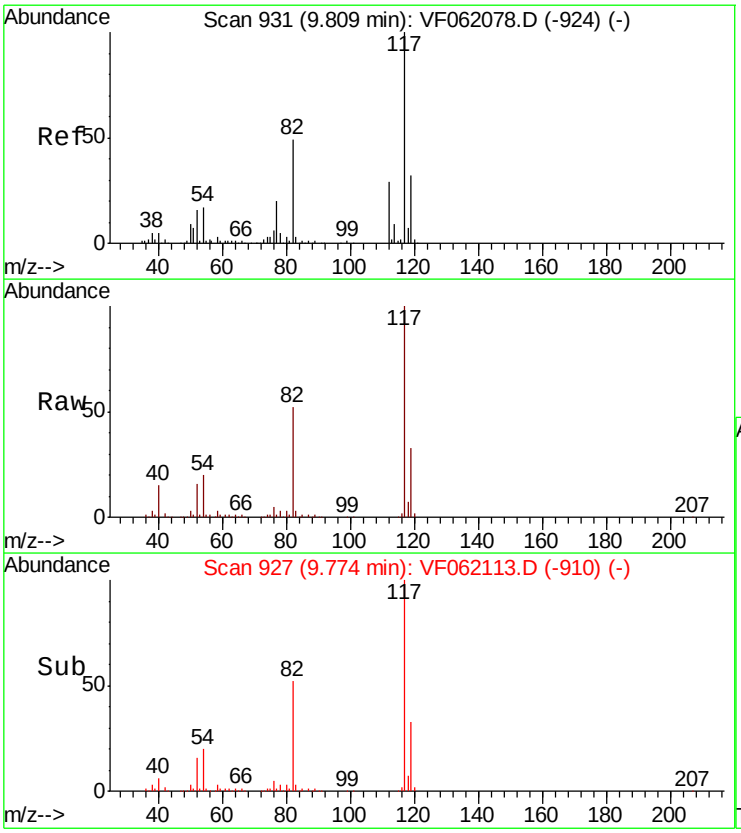
#62
4-Bromofluorobenzene
Concen: 50.109 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF062113.D
Acq: 23 Mar 2019 13:09

Instrument : MSVOA_F
ClientSampleId : VF0323SBL01

Tgt Ion: 95 Resp: 152346

Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	168.2
176	78.0	0.0	164.2

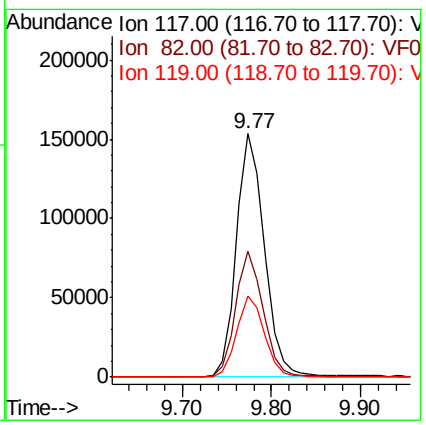


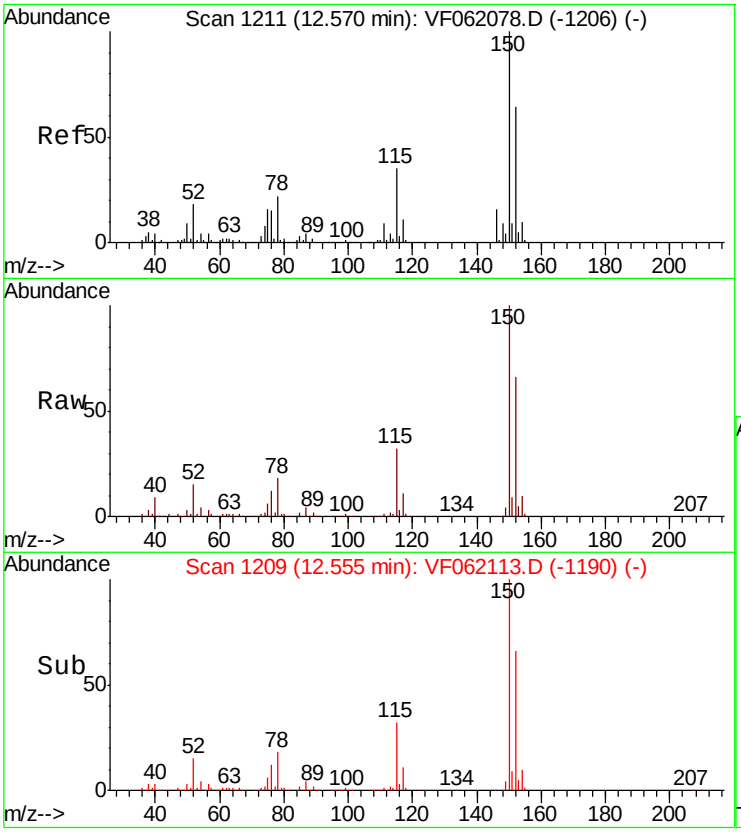


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.03 min
Lab File: VF062113.D
Acq: 23 Mar 2019 13:09

Tgt Ion:117 Resp: 336828

Ion	Ratio	Lower	Upper
117	100		
82	51.9	39.2	58.8
119	33.1	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF062113.D
Acq: 23 Mar 2019 13:09

Instrument :
MSVOA_F
ClientSampleId :
VF0323SBL01

Tgt Ion:152 Resp: 195334

Ion	Ratio	Lower	Upper
152	100		
115	48.9	27.7	83.1
150	151.9	0.0	313.2