Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022619\
Data File : VF061748.D
Acq On : 26 Feb 2019 18:30
Operator : VA/AP
Sample : K1627-02
Misc : 5.59g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-01-(6-2)

Quant Time: Feb 27 04:08:30 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	4.85	168	291656	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	470989	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	326143	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	130894	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	111685	52.22	ug/l	-0.04
Spiked Amount 50.000			Recovery = 104.44%			
35) Dibromofluoromethane	4.10	113	176355	50.42	ug/l	-0.02
Spiked Amount 50.000			Recovery = 100.84%			
50) Toluene-d8	7.53	98	400008	39.78	ug/l	-0.03
Spiked Amount 50.000			Recovery = 79.56%			
62) 4-Bromofluorobenzene	11.40	95	136095	33.45	ug/l	-0.02
Spiked Amount 50.000			Recovery = 66.90%			
Target Compounds						Qvalue
8) Diethyl Ether	1.61	74	1108	1.116	ug/l	76
11) Tert butyl alcohol	2.54	59	272	2.197	ug/l #	23
13) Acrolein	2.06	56	326	2.096	ug/l	96
16) Acetone	2.23	43	5329	11.613	ug/l #	77
18) Methyl Acetate	2.36	43	6718	6.499	ug/l #	59
20) Methylene Chloride	2.24	84	15591	4.023	ug/l	92
29) Tetrahydrofuran	4.08	42	2124	4.662	ug/l #	65

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

Quantitation Report (Not Reviewed)

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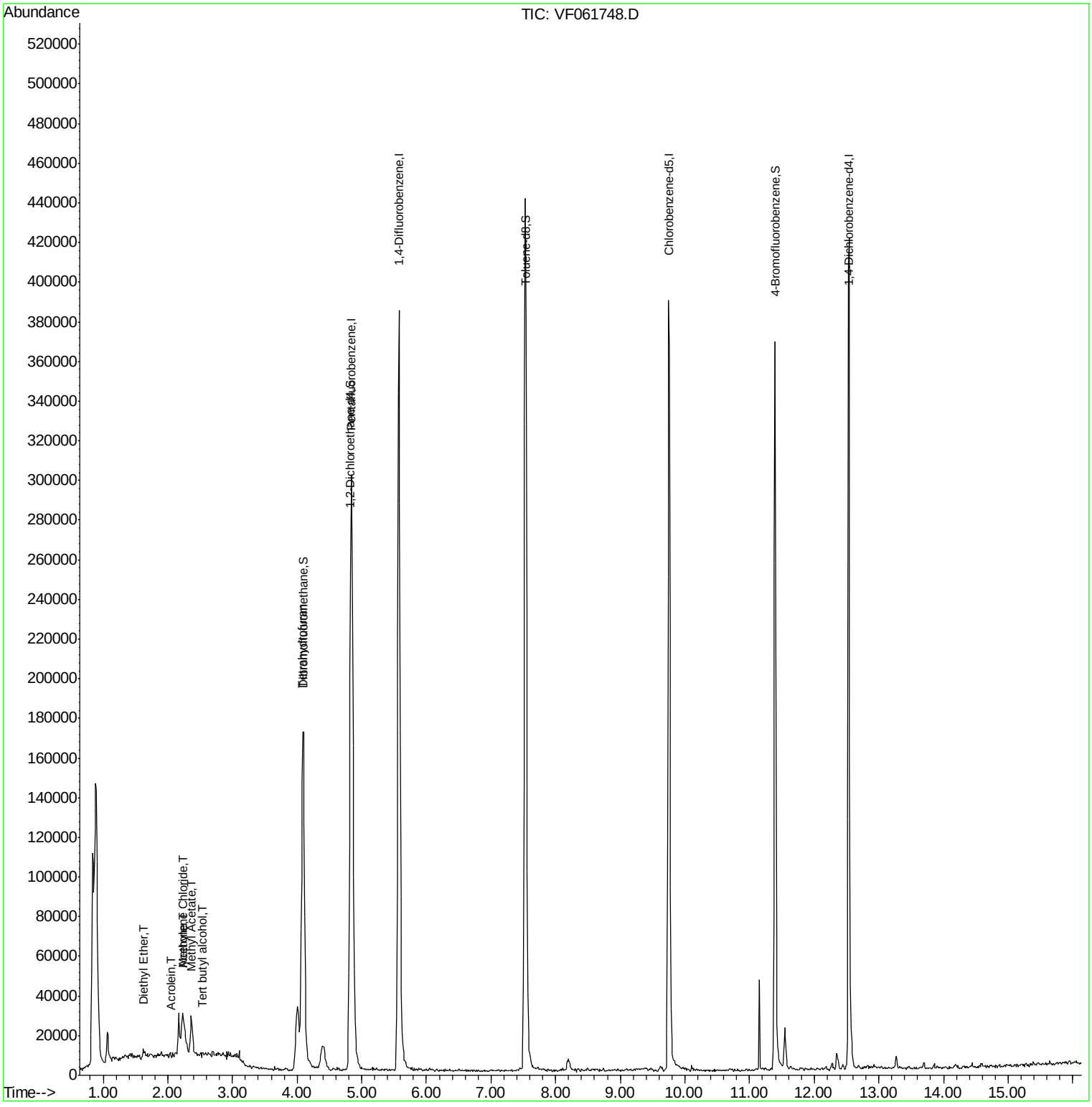
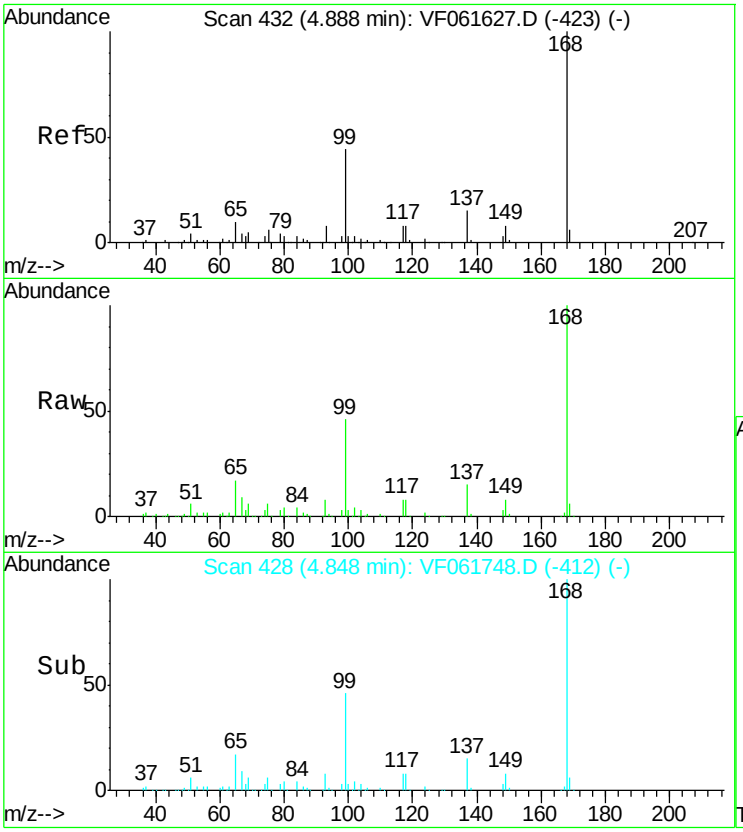


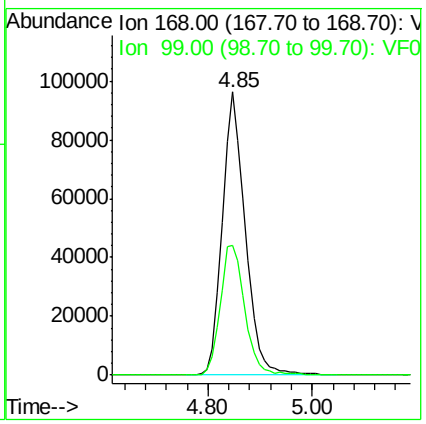


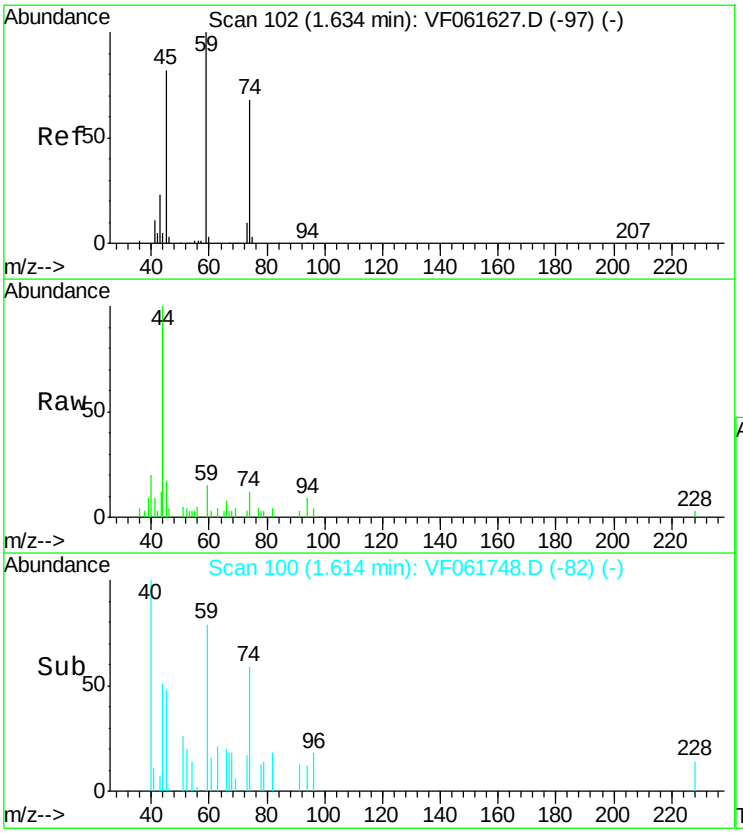
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.04 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Instrument : MSVOA_F
ClientSampleId : SB-01-(6-2)

Tgt Ion:168 Resp: 291656

Ion	Ratio	Lower	Upper
168	100		
99	46.0	34.9	52.3

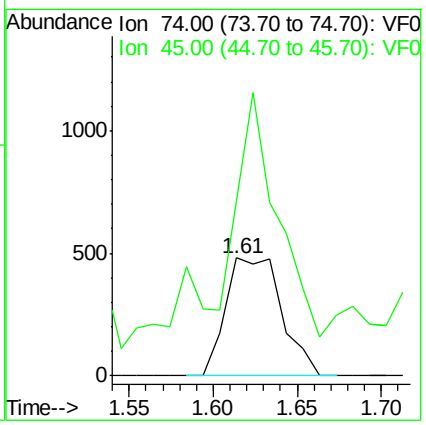


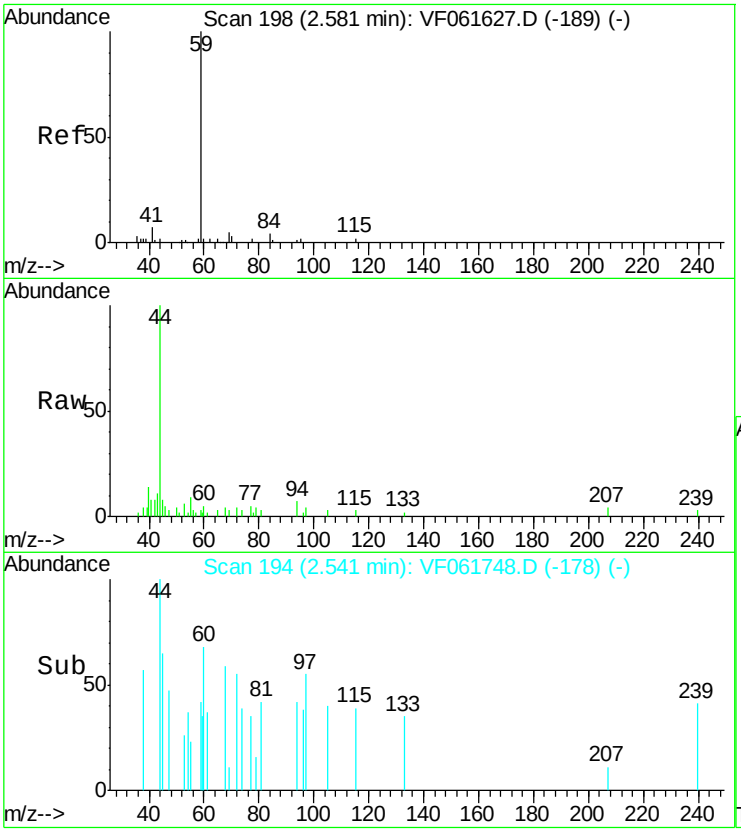


#8
Diethyl Ether
Concen: 1.116 ug/l
RT: 1.61 min Scan# 100
Delta R.T. -0.02 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Tgt Ion: 74 Resp: 1108

Ion	Ratio	Lower	Upper
74	100		
45	147.8	60.8	182.3



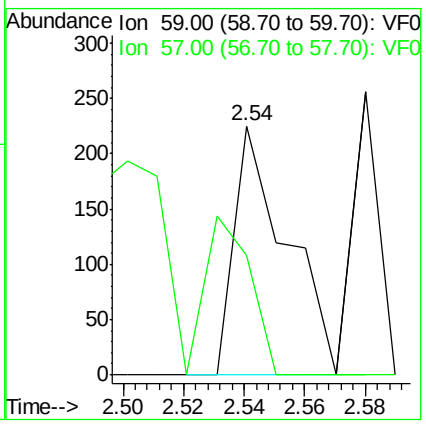


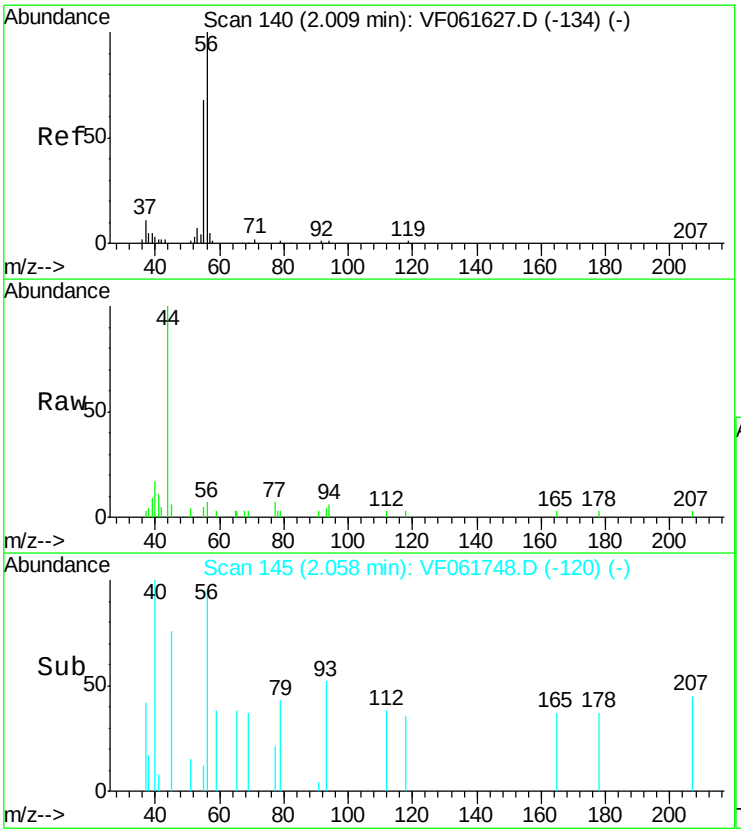
#11
Tert butyl alcohol
Concen: 2.197 ug/l
RT: 2.54 min Scan# 194
Delta R.T. -0.04 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :
SB-01-(6-2)

Tgt Ion: 59 Resp: 272

Ion	Ratio	Lower	Upper
59	100		
57	48.0	12.5	18.7#

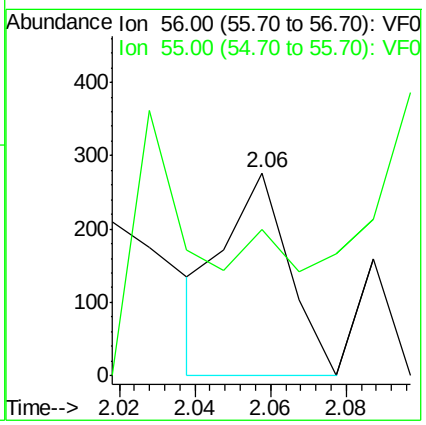


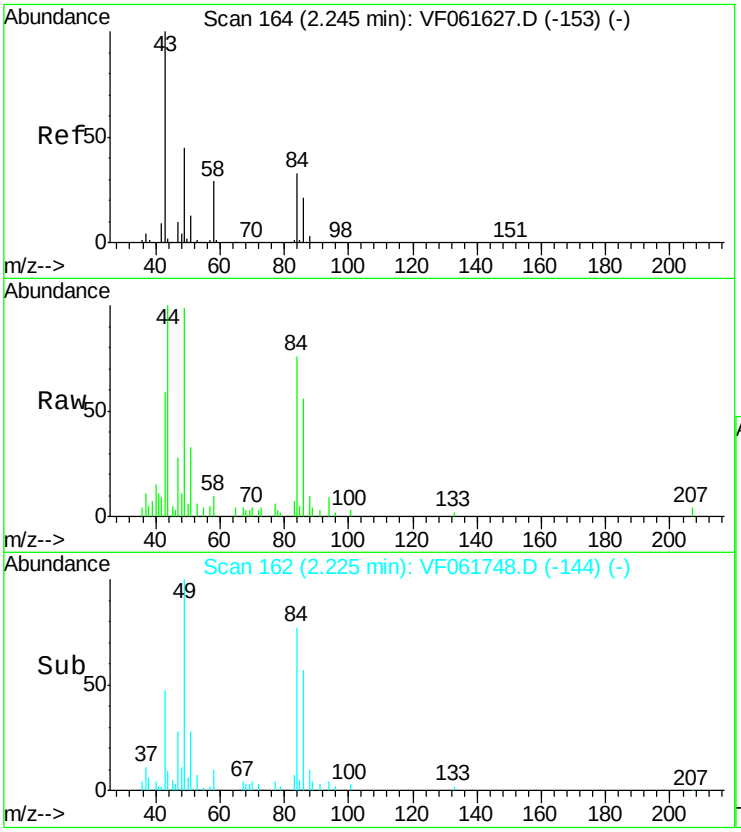


#13
Acrolein
Concen: 2.096 ug/l
RT: 2.06 min Scan# 145
Delta R.T. 0.05 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Tgt Ion: 56 Resp: 326

Ion	Ratio	Lower	Upper
56	100		
55	71.8	55.0	82.6



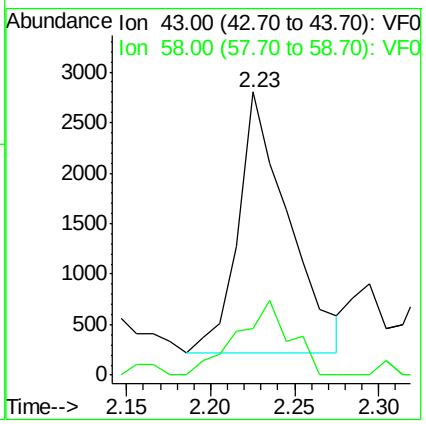


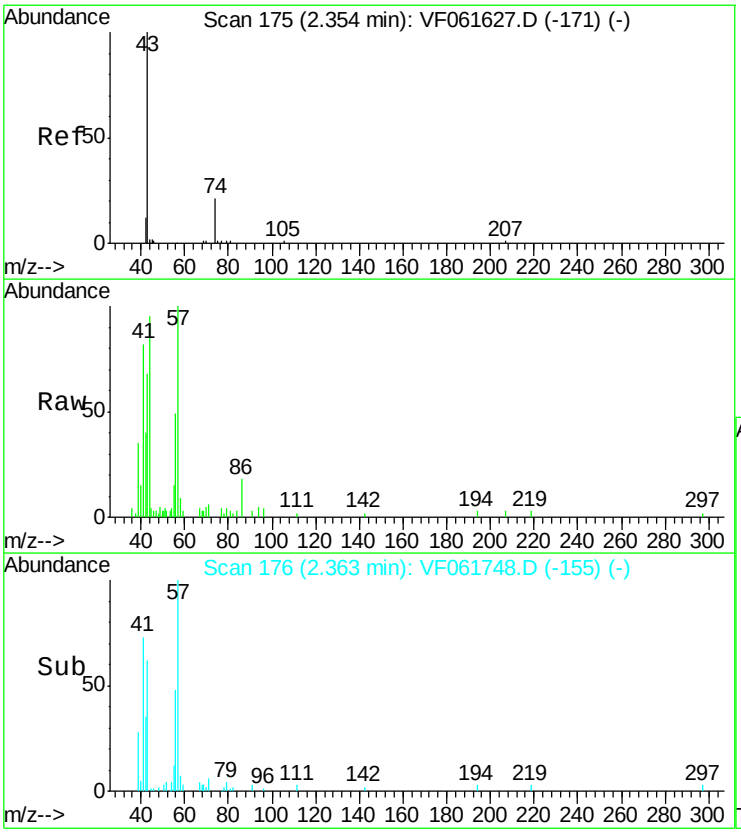
#16
Acetone
Concen: 11.613 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.02 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Instrument : MSVOA_F
ClientSampleId : SB-01-(6-2)

Tgt Ion: 43 Resp: 5329

Ion	Ratio	Lower	Upper
43	100		
58	16.5	22.9	34.3#

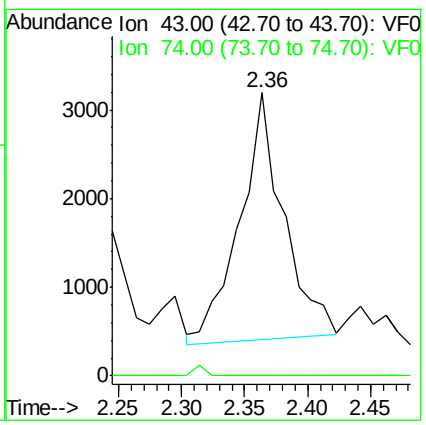


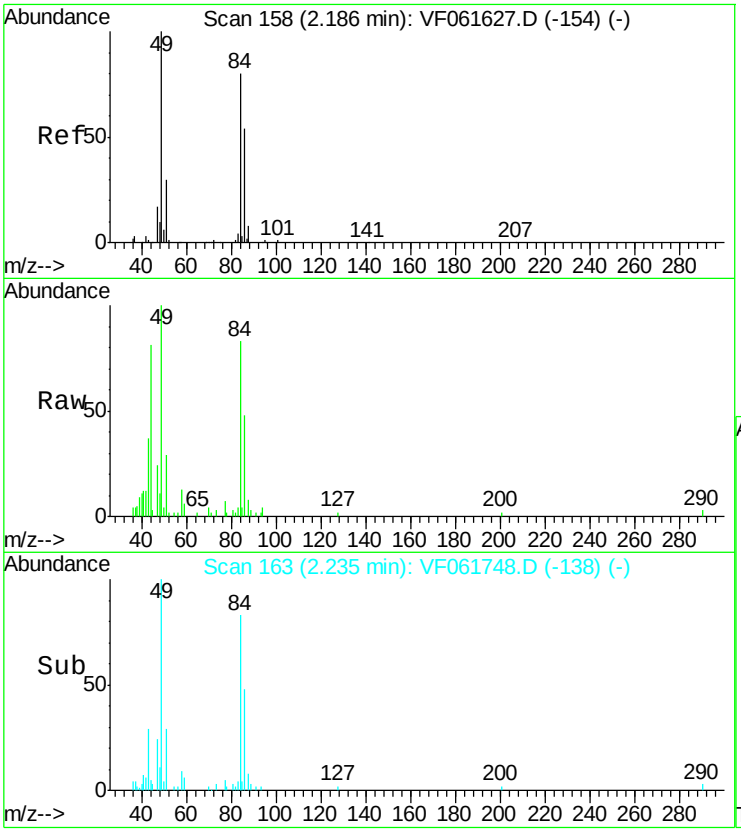


#18
Methyl Acetate
Concen: 6.499 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Tgt Ion: 43 Resp: 6718

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#



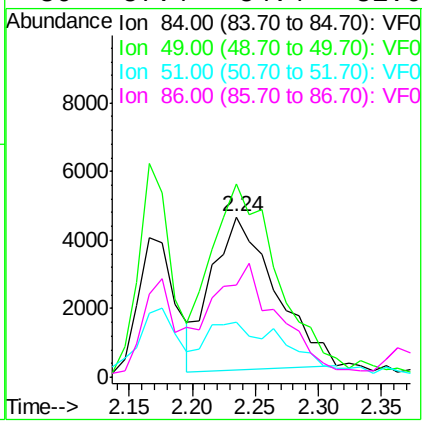


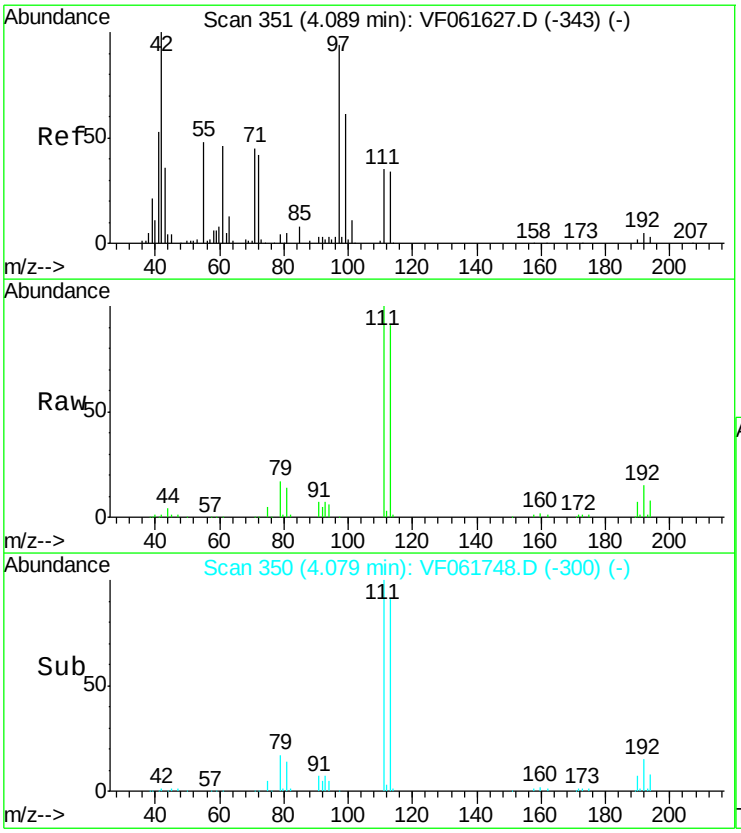
#20
Methylene Chloride
Concen: 4.023 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.05 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Instrument : MSVOA_F
ClientSampleId : SB-01-(6-2)

Tgt Ion: 84 Resp: 15591

Ion	Ratio	Lower	Upper
84	100		
49	120.8	101.8	152.8
51	34.6	31.1	46.7
86	57.4	54.4	81.6

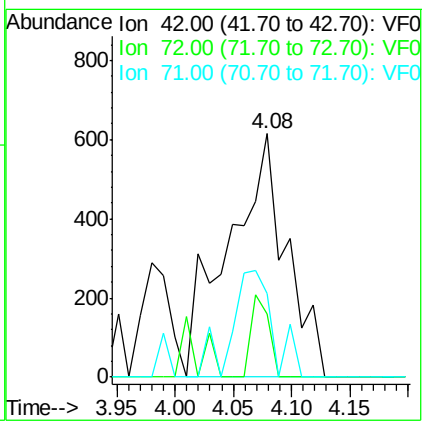


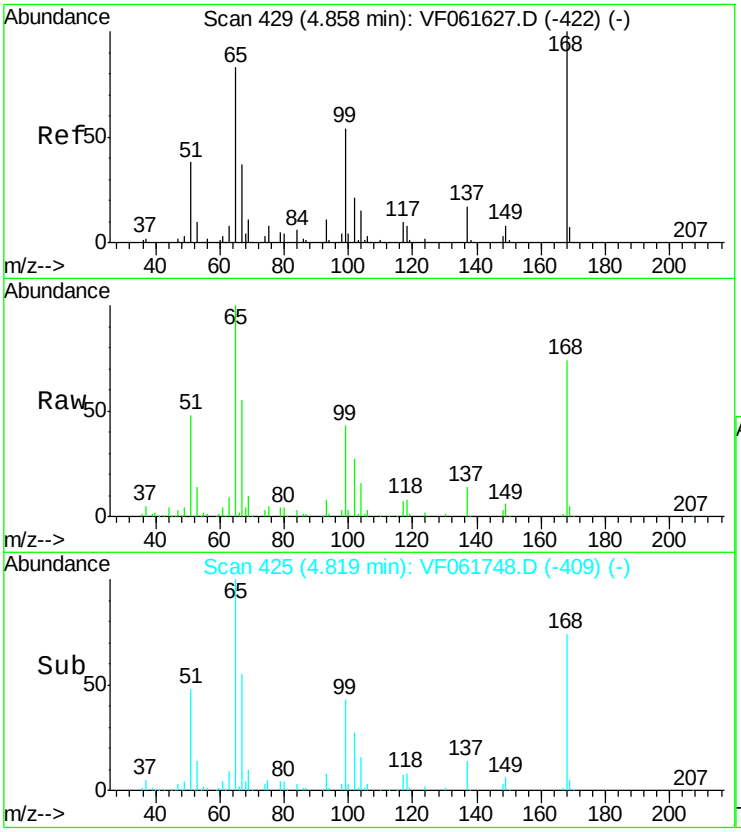


#29
Tetrahydrofuran
Concen: 4.662 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.01 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Tgt Ion: 42 Resp: 2124

Ion	Ratio	Lower	Upper
42	100		
72	10.3	35.2	52.8#
71	31.2	32.9	49.3#



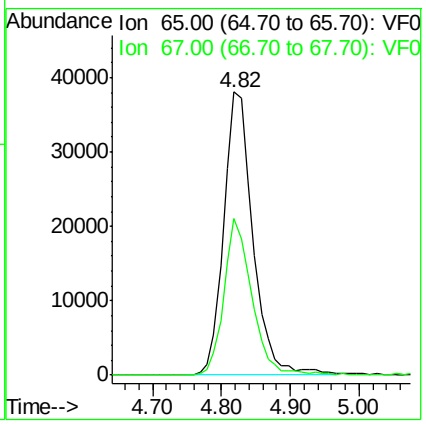


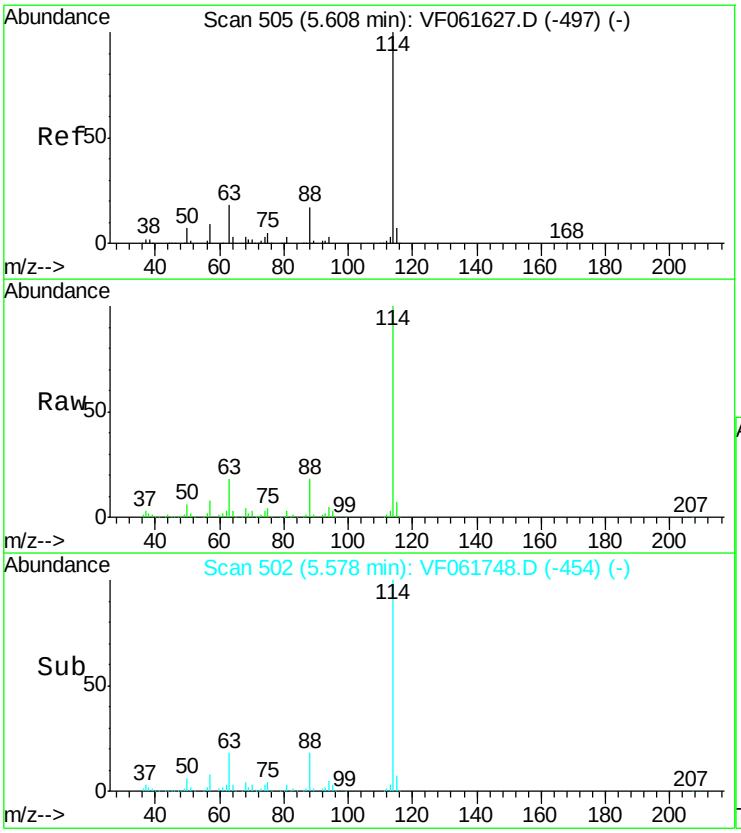
#33
1,2-Dichloroethane-d4
Concen: 52.220 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :
SB-01-(6-2)

Tgt Ion: 65 Resp: 111685

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	104.0

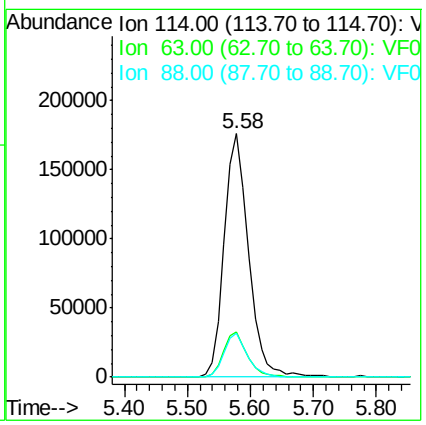


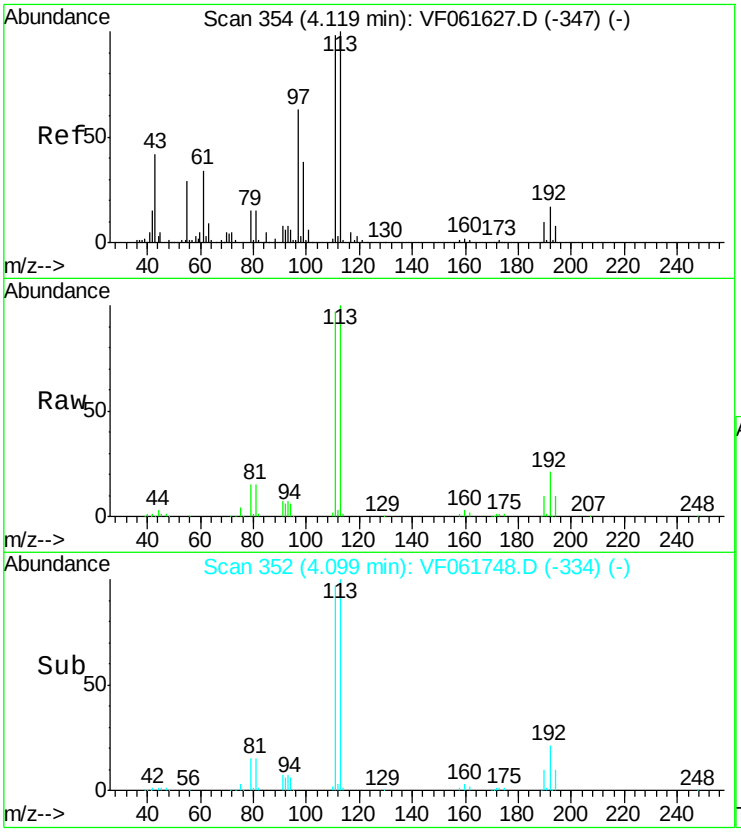


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Tgt Ion:114 Resp: 470989

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.6
88	18.0	0.0	34.4



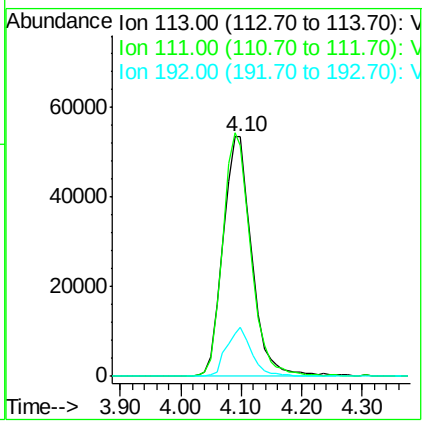


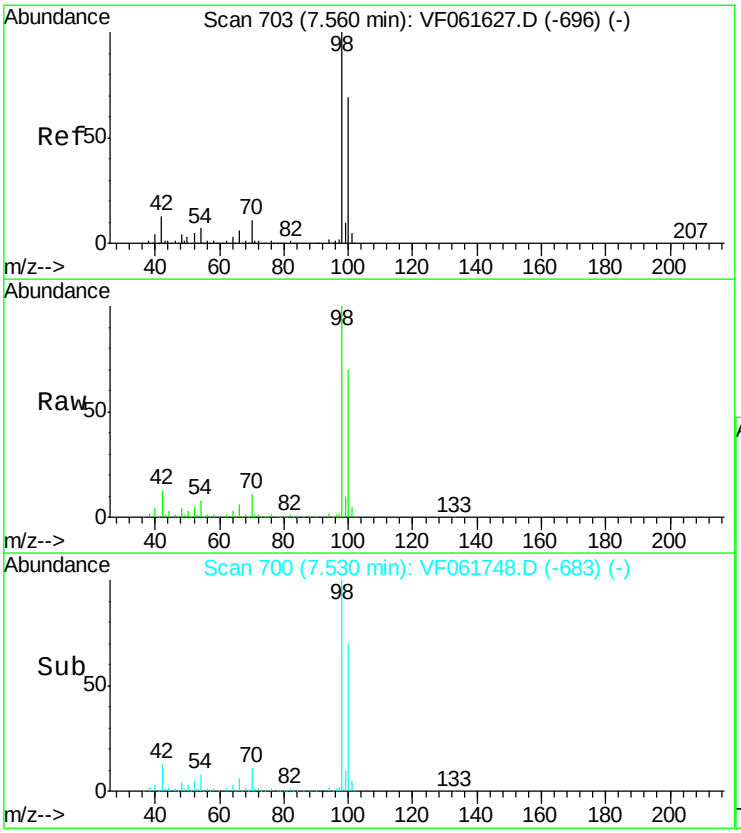
#35
Dibromofluoromethane
Concen: 50.422 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :
SB-01-(6-2)

Tgt Ion:113 Resp: 176355

Ion	Ratio	Lower	Upper
113	100		
111	96.6	78.8	118.2
192	21.1	13.4	20.0#

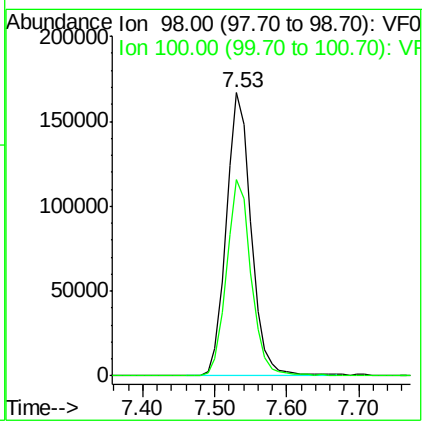


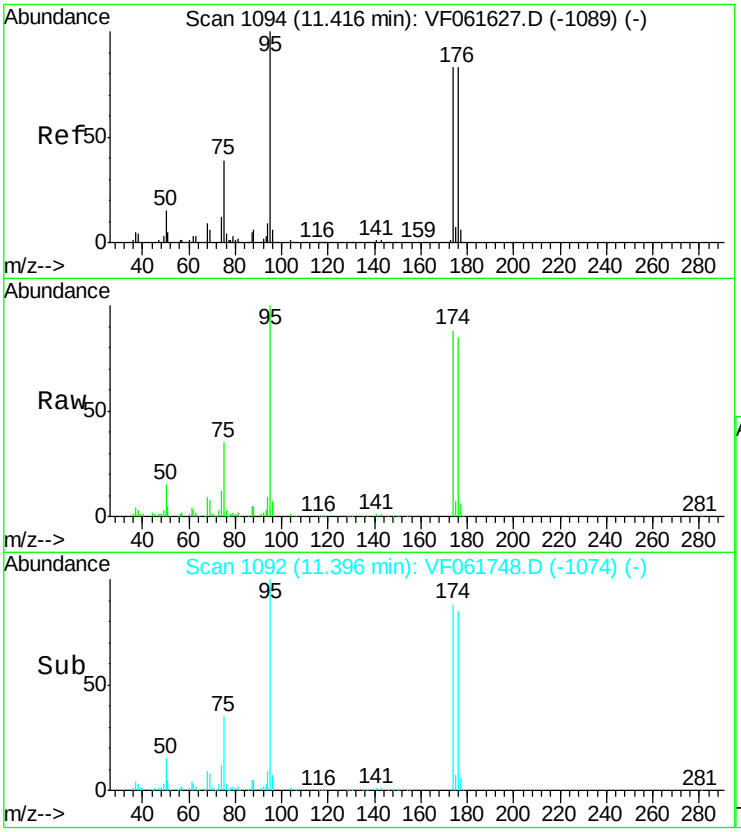


#50
Toluene-d8
Concen: 39.784 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Tgt Ion: 98 Resp: 400008

Ion	Ratio	Lower	Upper
98	100		
100	69.6	55.4	83.2



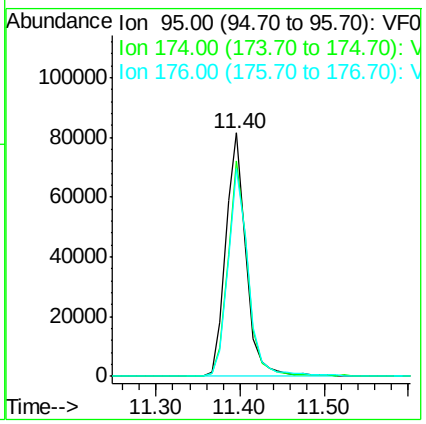


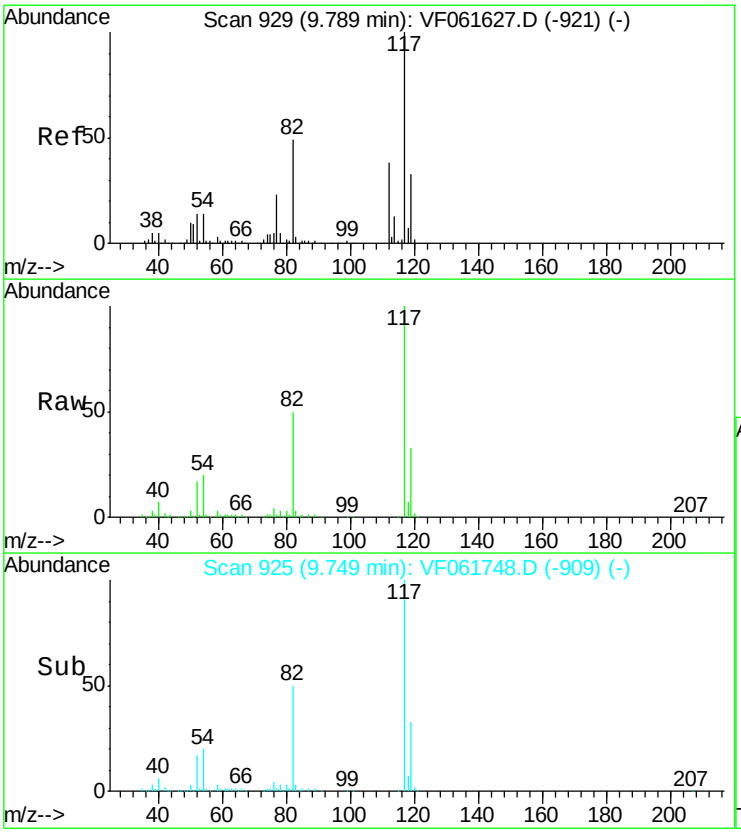
#62
4-Bromofluorobenzene
Concen: 33.453 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :
SB-01-(6-2)

Tgt Ion: 95 Resp: 136095

Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	165.8
176	85.3	0.0	167.0

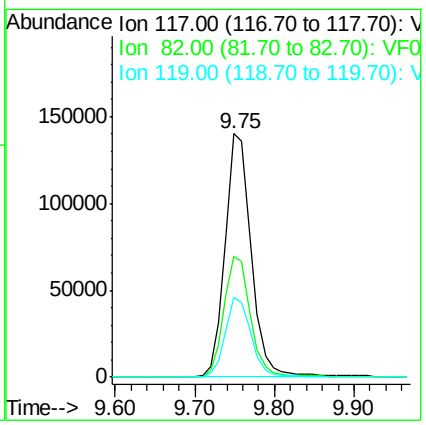


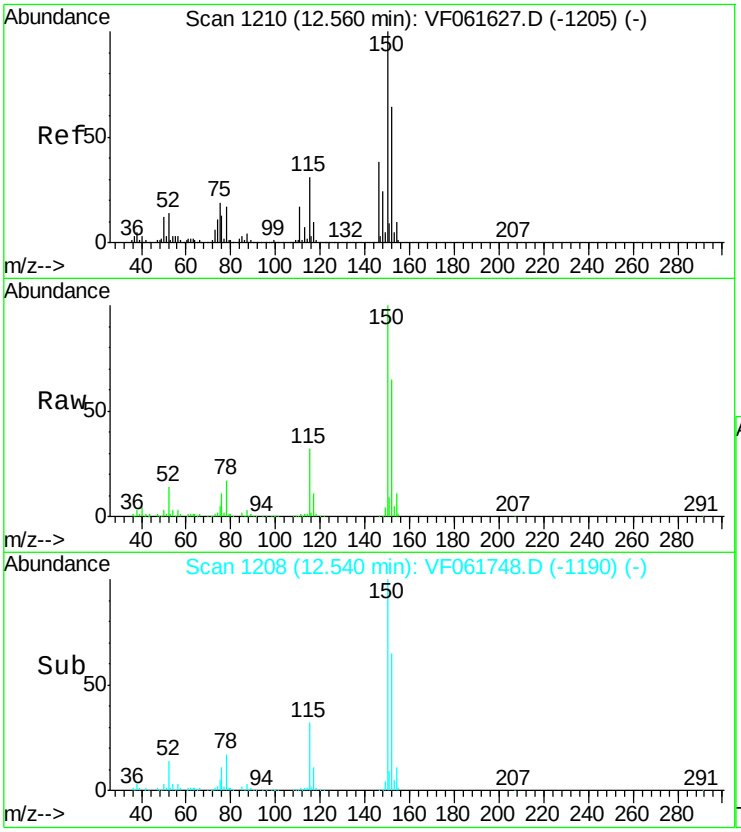


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Tgt Ion:117 Resp: 326143

Ion	Ratio	Lower	Upper
117	100		
82	49.6	39.3	58.9
119	32.9	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: VF061748.D
Acq: 26 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :
SB-01-(6-2)

Tgt Ion:152 Resp: 130894

Ion	Ratio	Lower	Upper
152	100		
115	49.0	24.3	72.8
150	152.8	0.0	312.0