

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011619\
 Data File : VF061417.D
 Acq On : 16 Jan 2019 17:46
 Operator : VA/AP
 Sample : K1156-01RE
 Misc : 4.64g/5mL/MSVOA-F/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VOC-5RE

Quant Time: Jan 17 03:14:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

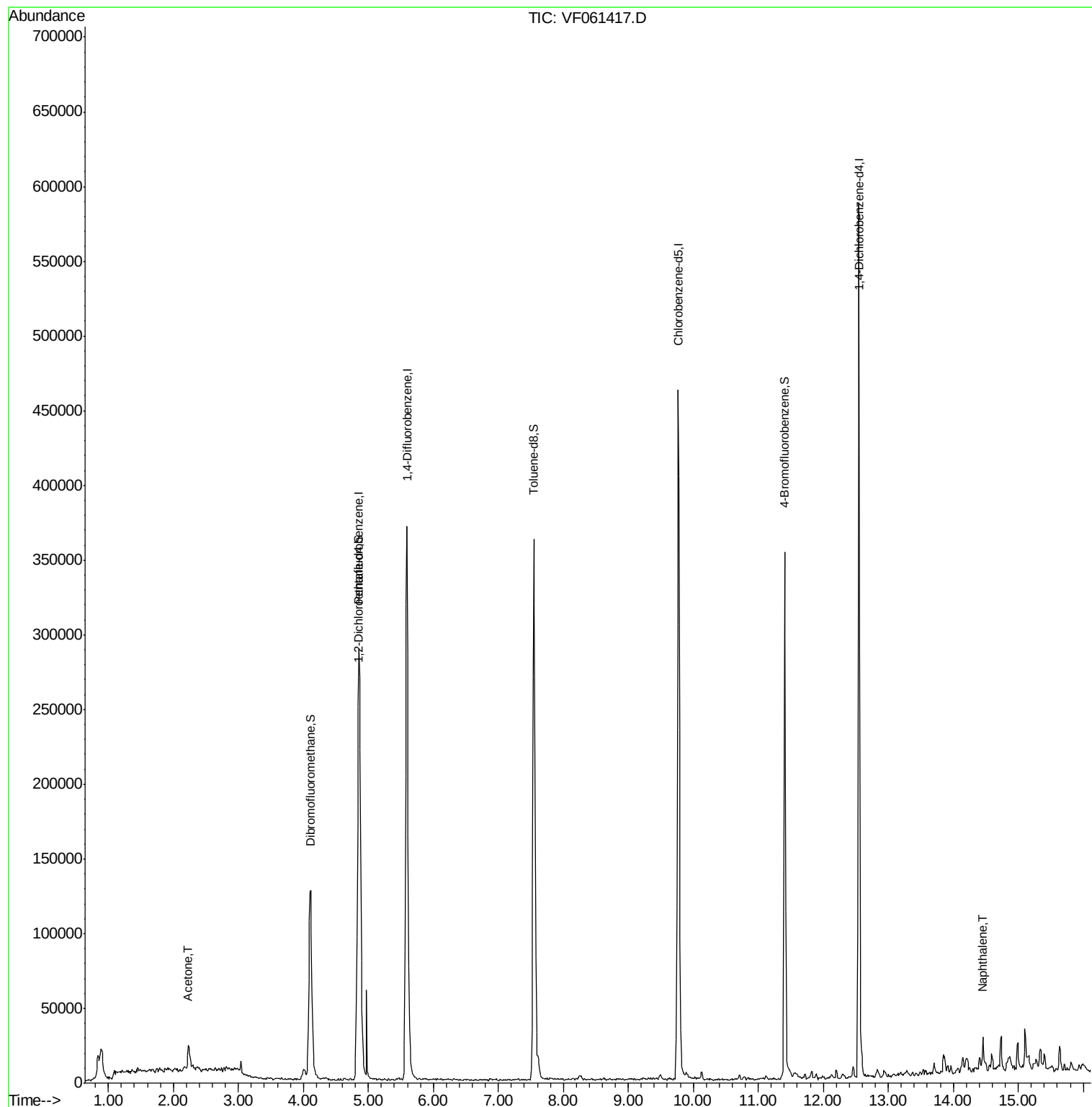
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	213621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	406112	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	327391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	144923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	109788	41.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.26%	
35) Dibromofluoromethane	4.10	113	126303	39.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.82%	
50) Toluene-d8	7.55	98	308454	35.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.26%	
62) 4-Bromofluorobenzene	11.40	95	136294	33.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.44%	
Target Compounds						
16) Acetone	2.23	43	29048	54.901	ug/l	95
95) Naphthalene	14.45	128	10008	1.615	ug/l	99

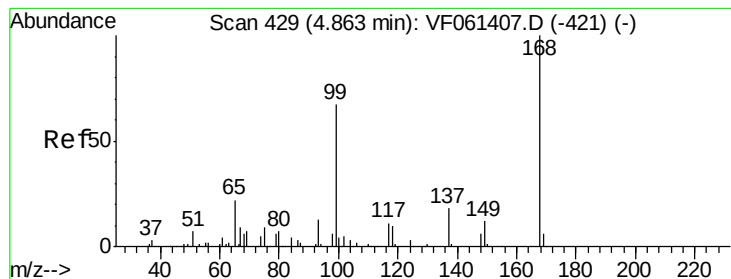
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.00 min

Lab File: VF061417.D

Acq: 16 Jan 2019 17:46

Instrument :

MSVOA_F

ClientSampleId :

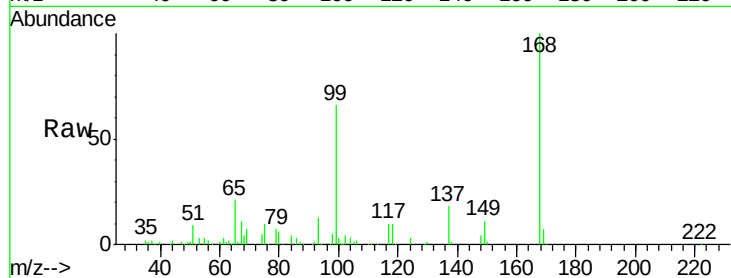
VOC-5RE

Tot Ion:168 Resp: 213621

Ion Ratio Lower Upper

168 100

99 65.5 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

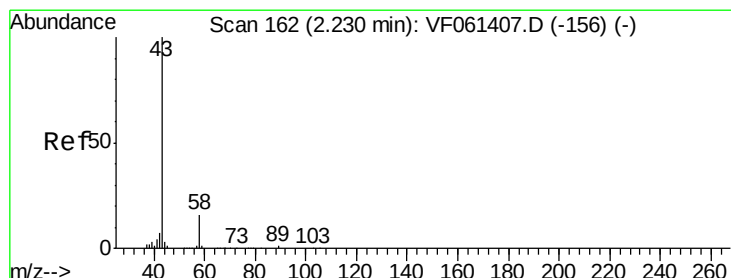
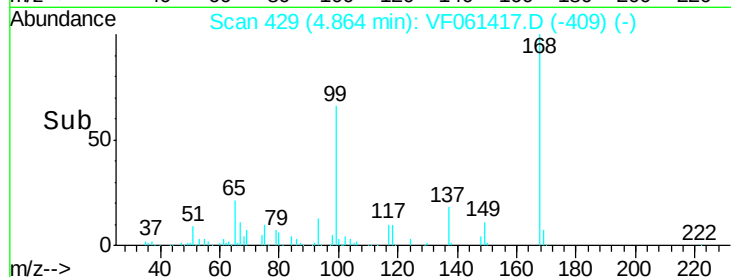
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#16

Acetone

Concen: 54.901 ug/l

RT: 2.23 min Scan# 162

Delta R.T. 0.00 min

Lab File: VF061417.D

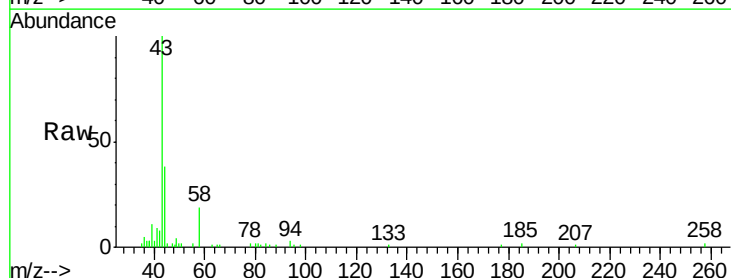
Acq: 16 Jan 2019 17:46

Tgt Ion: 43 Resp: 29048

Ion Ratio Lower Upper

43 100

58 19.0 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

12000

10000

8000

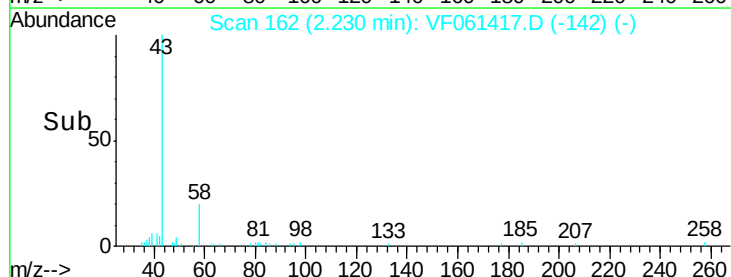
6000

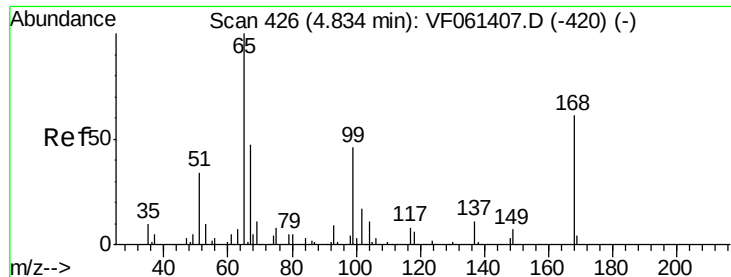
4000

2000

0

Time--> 2.20 2.30

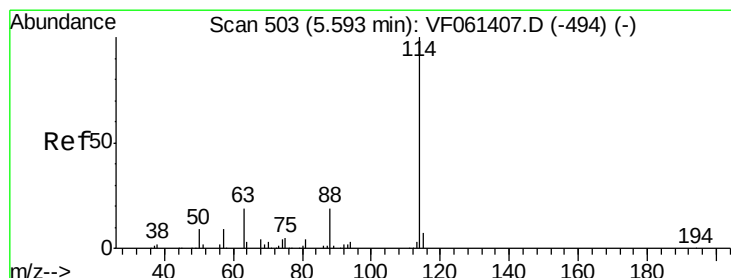
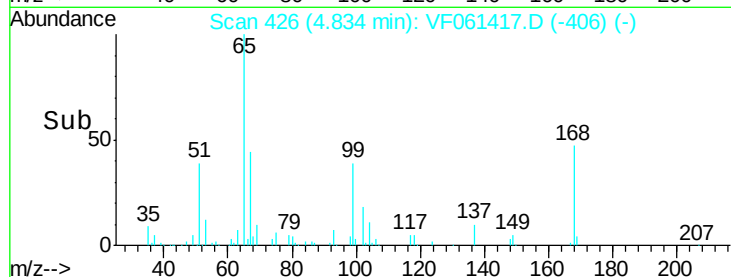
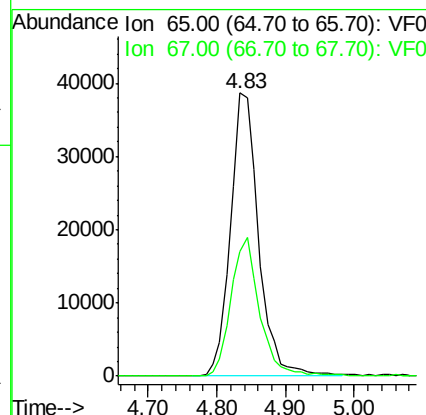
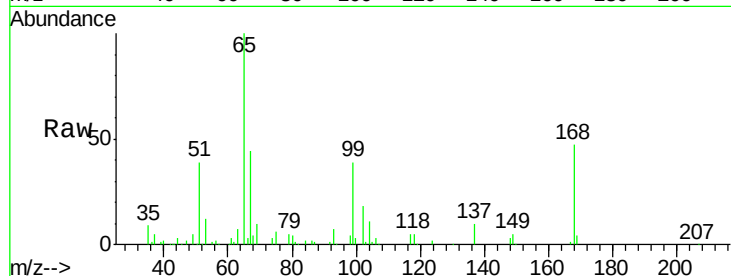




#33
 1,2-Dichloroethane-d4
 Concen: 41.627 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: VF061417.D
 Acq: 16 Jan 2019 17:46

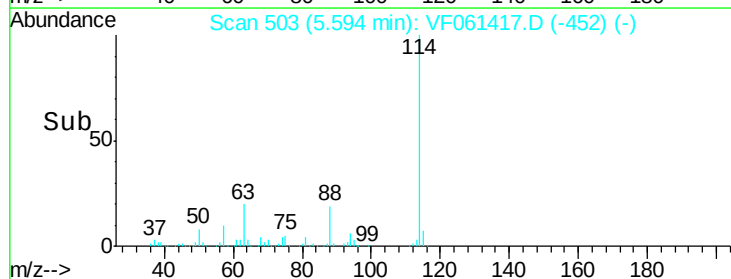
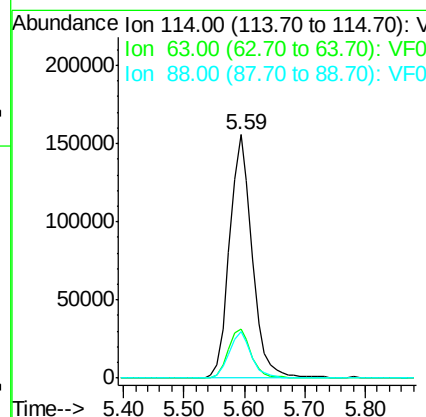
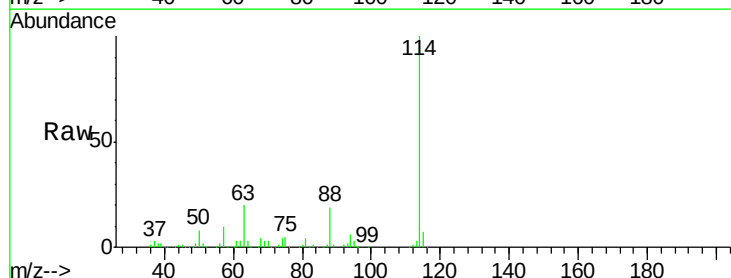
Instrument :
 MSVOA_F
 ClientSampleId :
 VOC-5RE

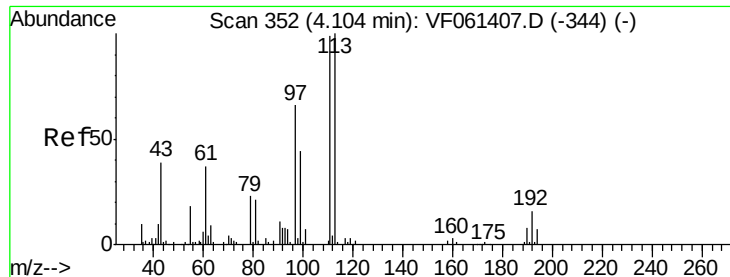
Tot Ion: 65 Resp: 109788
 Ion Ratio Lower Upper
 65 100
 67 44.1 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VF061417.D
 Acq: 16 Jan 2019 17:46

Tgt Ion: 114 Resp: 406112
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 18.8 0.0 37.4

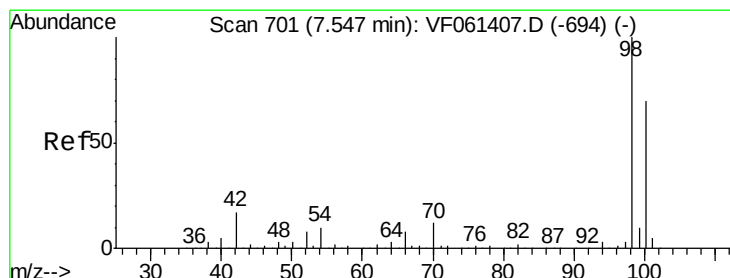
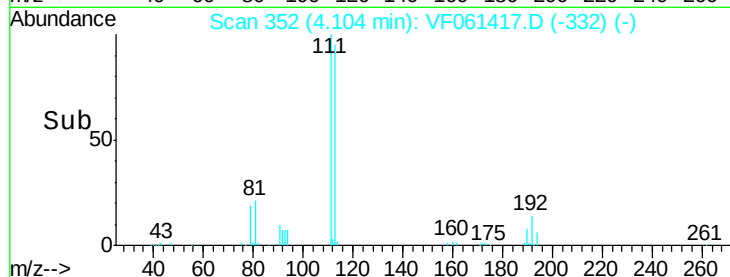
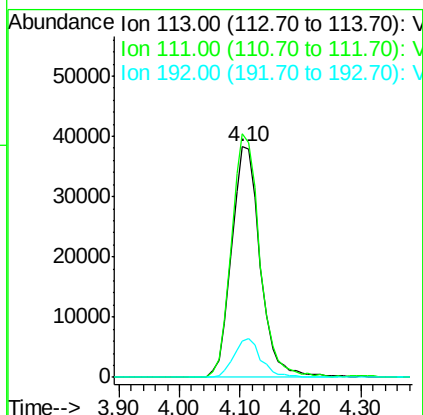
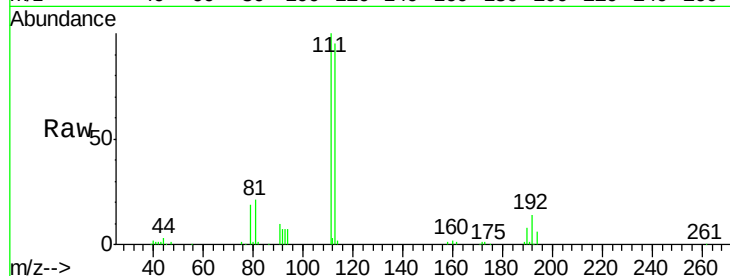




#35
 Dibromofluoromethane
 Concen: 39.413 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VF061417.D
 Acq: 16 Jan 2019 17:46

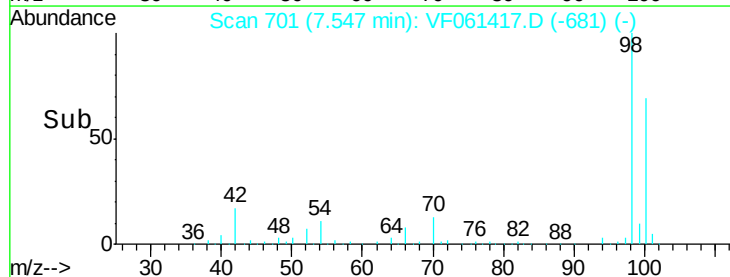
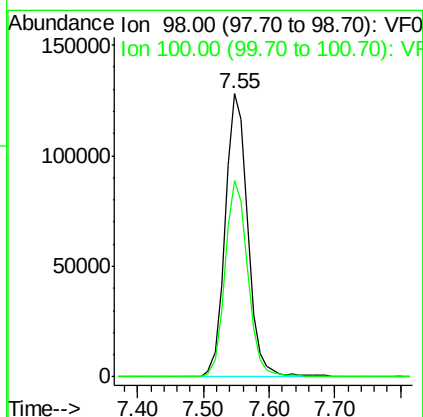
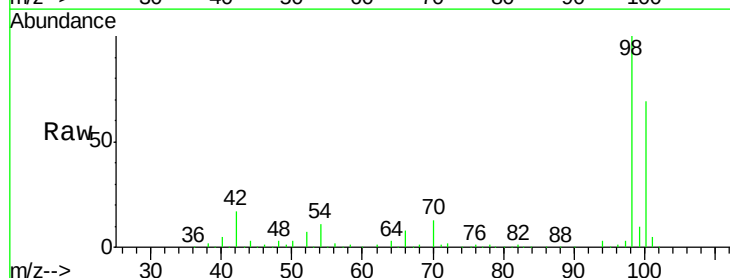
Instrument :
 MSVOA_F
 ClientSampleId :
 VOC-5RE

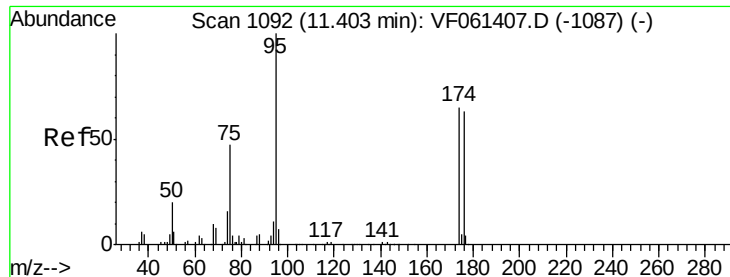
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.7	79.4	119.0
192	15.5	12.4	18.6



#50
 Toluene-d8
 Concen: 35.132 ug/l
 RT: 7.55 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: VF061417.D
 Acq: 16 Jan 2019 17:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.2	55.6	83.4





#62

4-Bromofluorobenzene

Concen: 33.224 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VF061417.D

Acq: 16 Jan 2019 17:46

Instrument :

MSVOA_F

ClientSampleId :

VOC-5RE

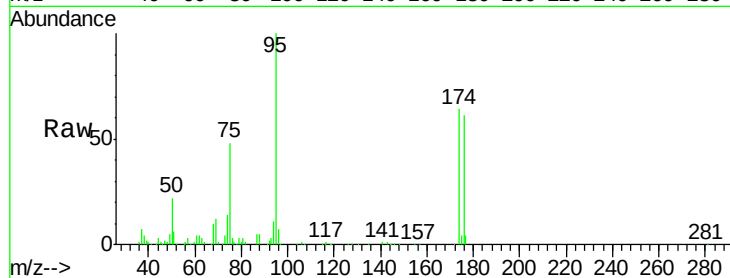
Tot Ion: 95 Resp: 136294

Ion Ratio Lower Upper

95 100

174 63.5 0.0 130.4

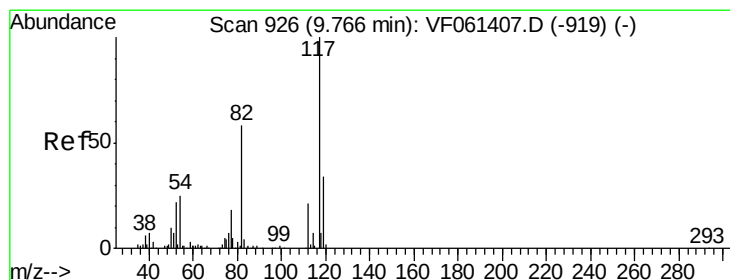
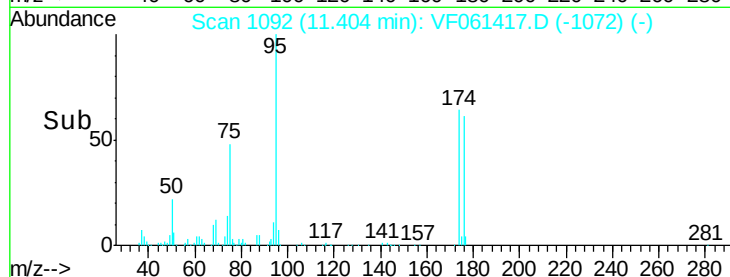
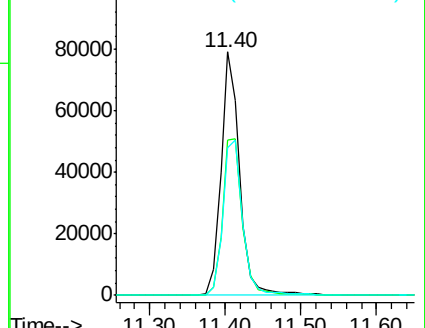
176 60.6 0.0 126.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 926

Delta R.T. 0.00 min

Lab File: VF061417.D

Acq: 16 Jan 2019 17:46

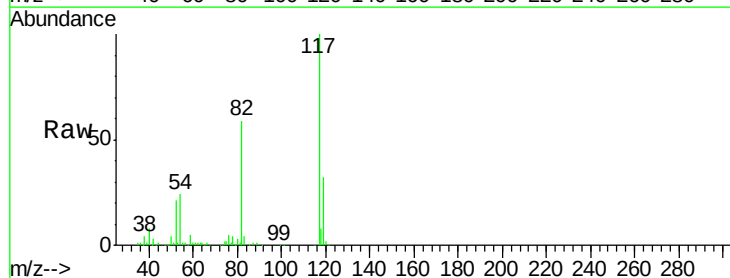
Tgt Ion: 117 Resp: 327391

Ion Ratio Lower Upper

117 100

82 59.2 46.4 69.6

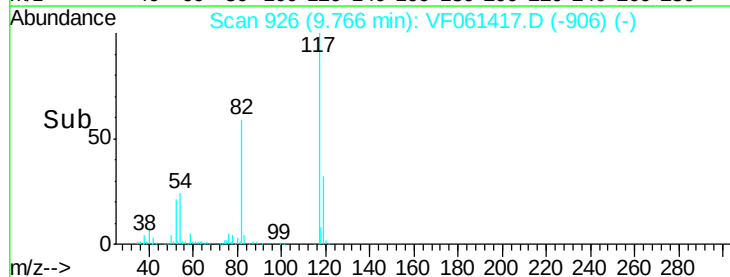
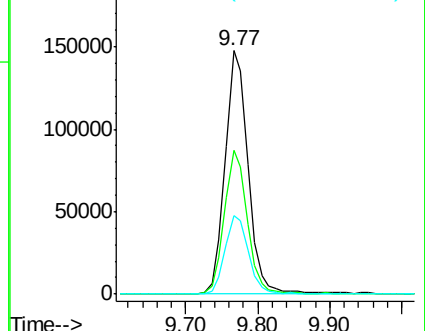
119 32.5 27.2 40.8

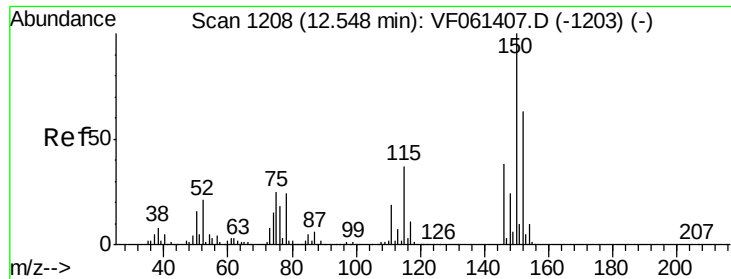


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0



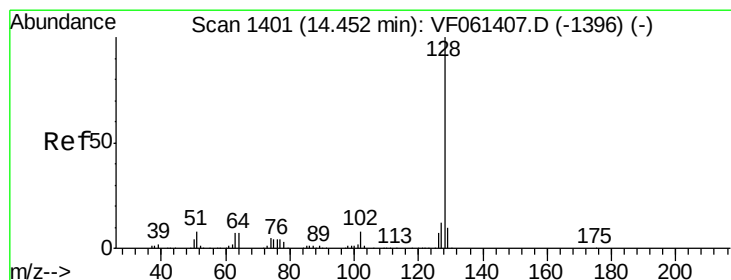
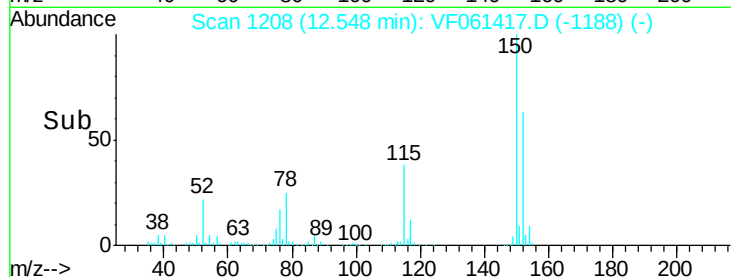
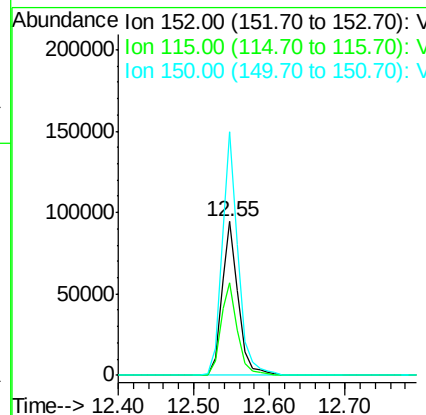
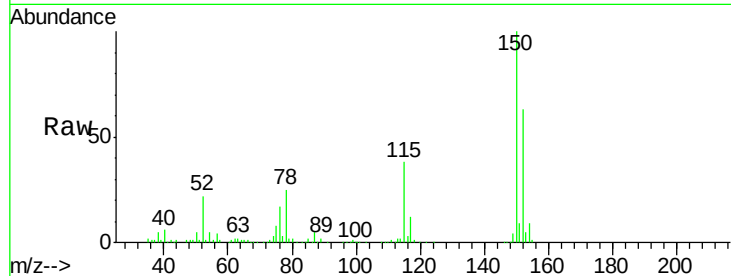


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VF061417.D
Acq: 16 Jan 2019 17:46

Instrument :
MSVOA_F
ClientSampleId :
VOC-5RE

Tot Ion:152 Resp: 144923
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.0
150 158.6 0.0 321.4



#95

Naphthalene
Concen: 1.615 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. 0.00 min
Lab File: VF061417.D
Acq: 16 Jan 2019 17:46

Tgt Ion:128 Resp: 10008
Ion Ratio Lower Upper
128 100
127 11.8 9.5 14.3
129 11.2 8.4 12.6

