

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
 Data File : VF061523.D
 Acq On : 25 Jan 2019 16:21
 Operator : VA/AP
 Sample : K1238-11RE
 Misc : 5.85g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S2RE

Quant Time: Jan 28 01:03:28 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

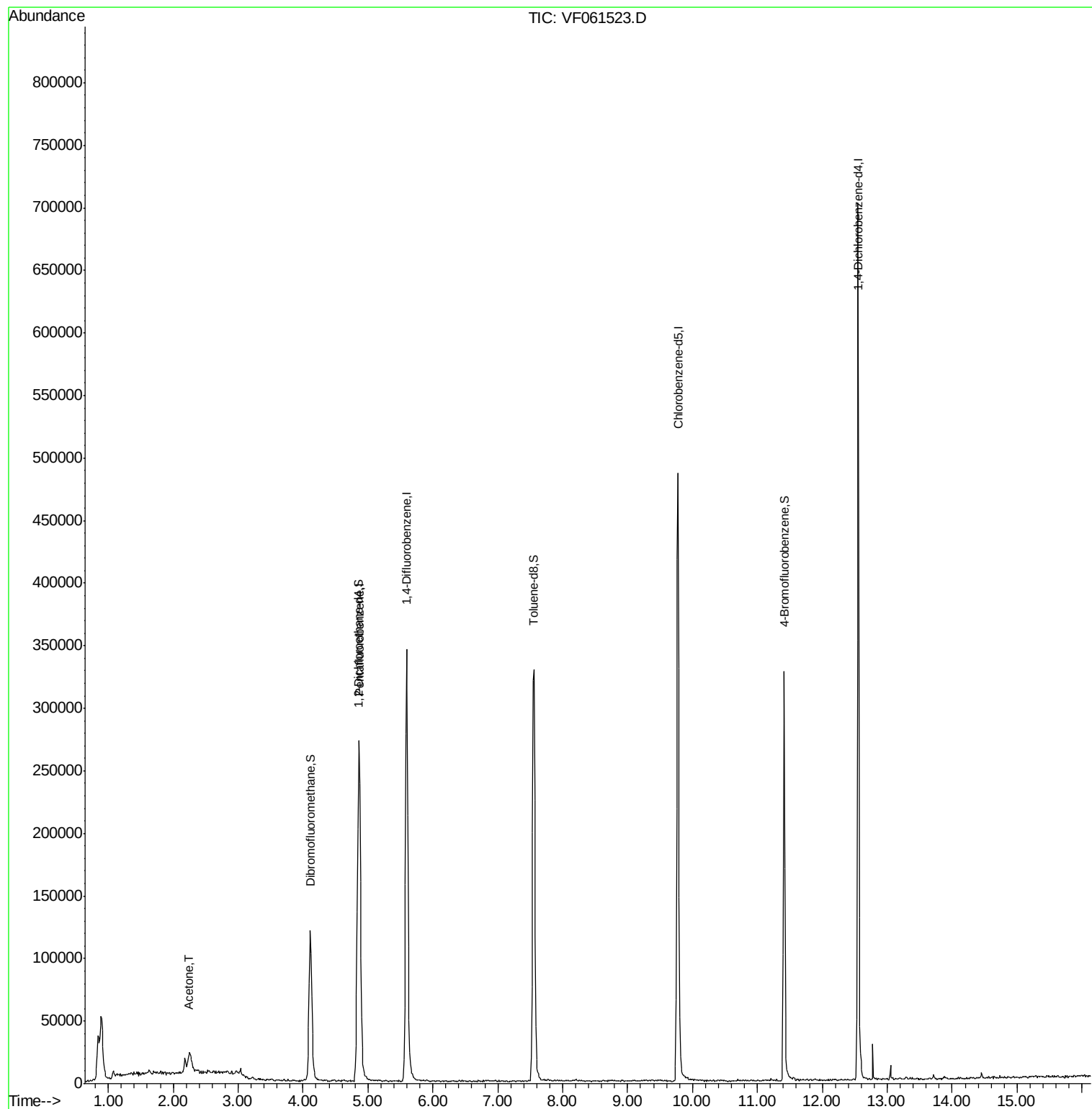
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	203535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	397309	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	342550	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	162155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	99689	39.67	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.34%	
35) Dibromofluoromethane	4.11	113	115315	36.78	ug/l	0.01
Spiked Amount 50.000			Recovery	=	73.56%	
50) Toluene-d8	7.56	98	283901	33.05	ug/l	0.01
Spiked Amount 50.000			Recovery	=	66.10%	
62) 4-Bromofluorobenzene	11.41	95	133184	33.19	ug/l	0.01
Spiked Amount 50.000			Recovery	=	66.38%	
Target Compounds						
16) Acetone	2.23	43	13487	26.754	ug/l #	Qvalue 83

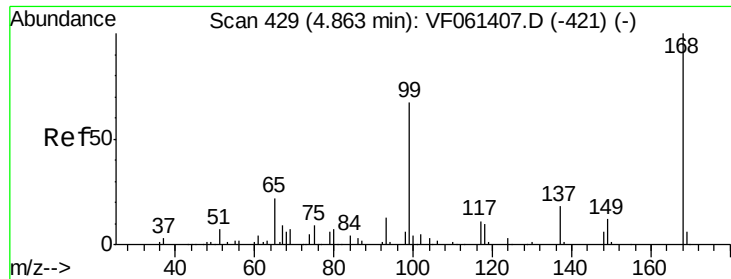
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF061523.D

Acq: 25 Jan 2019 16:21

Instrument :

MSVOA_F

ClientSampleId :

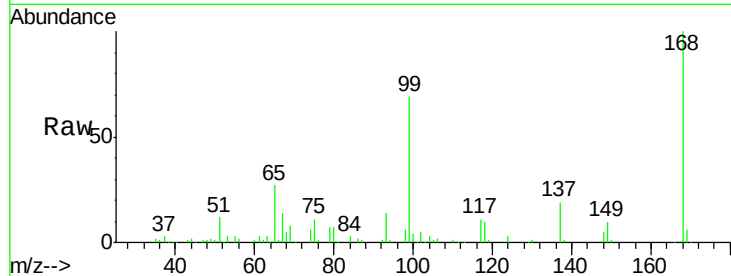
S2RE

Tot Ion:168 Resp: 203535

Ion Ratio Lower Upper

168 100

99 69.2 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

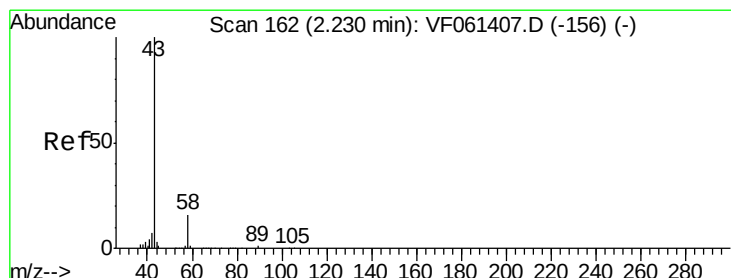
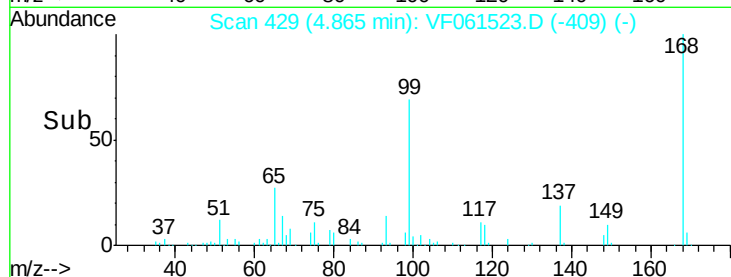
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#16

Acetone

Concen: 26.754 ug/l

RT: 2.23 min Scan# 162

Delta R.T. 0.00 min

Lab File: VF061523.D

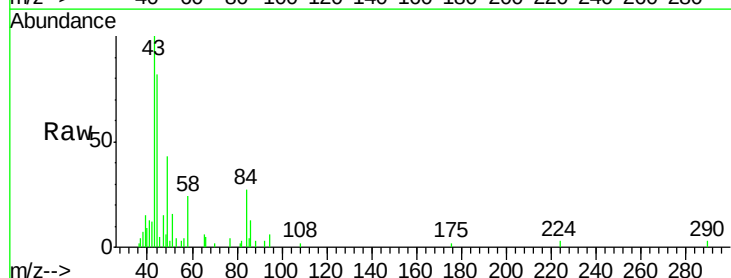
Acq: 25 Jan 2019 16:21

Tgt Ion: 43 Resp: 13487

Ion Ratio Lower Upper

43 100

58 24.0 13.3 19.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

5000

4000

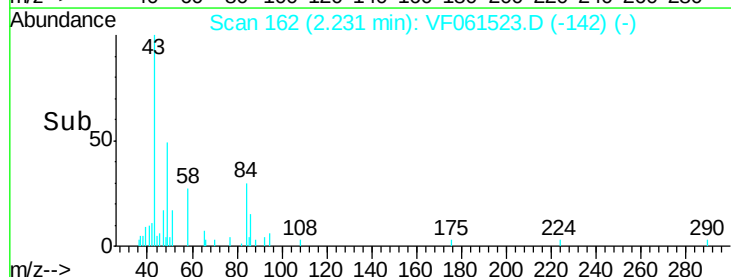
3000

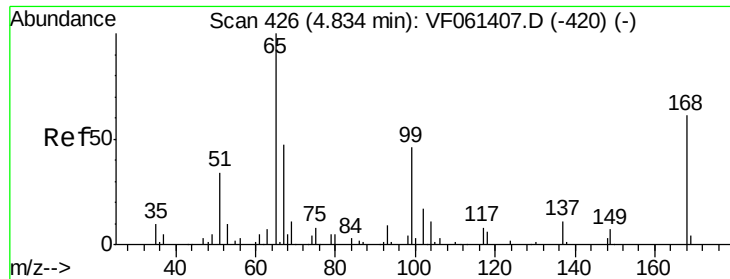
2000

1000

0

Time--> 2.15 2.20 2.25 2.30 2.35

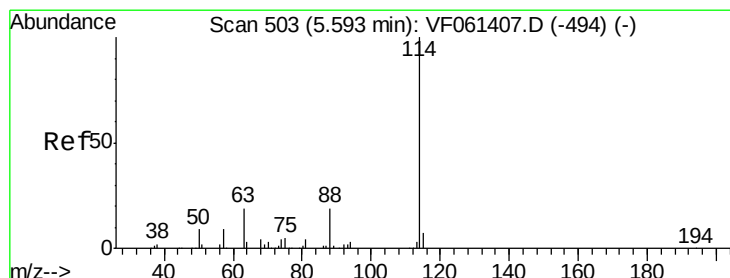
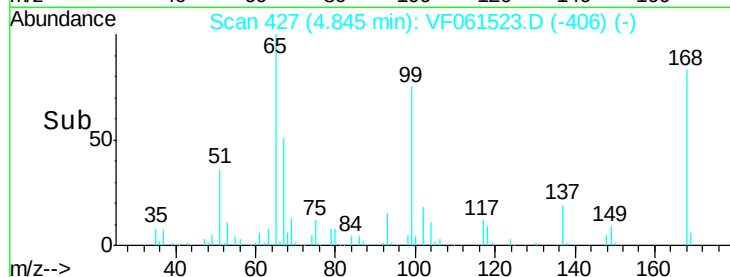
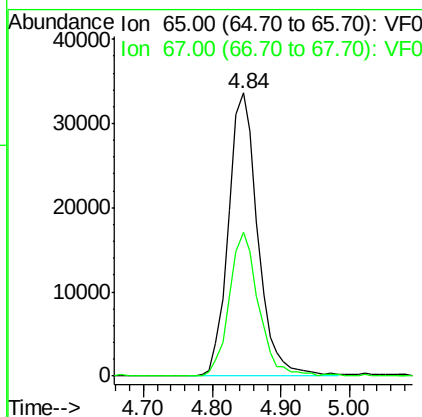
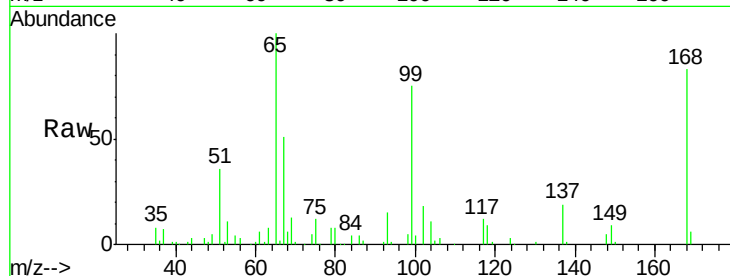




#33
 1,2-Dichloroethane-d4
 Concen: 39.671 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: VF061523.D
 Acq: 25 Jan 2019 16:21

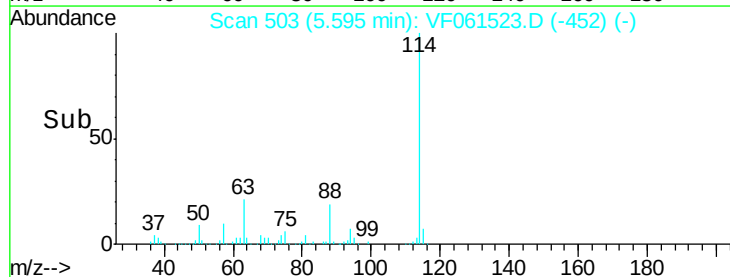
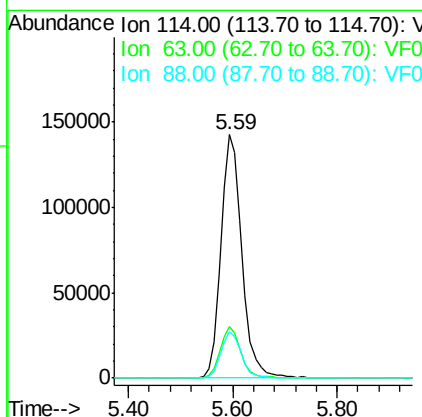
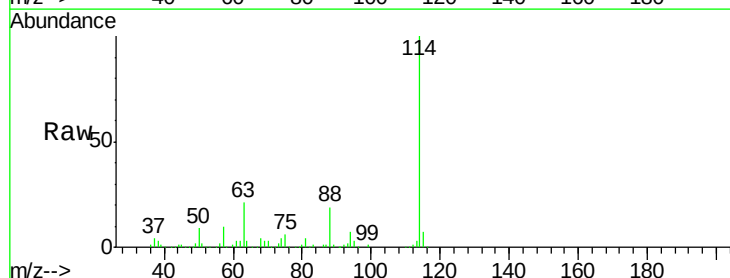
Instrument :
 MSVOA_F
 ClientSampleId :
 S2RE

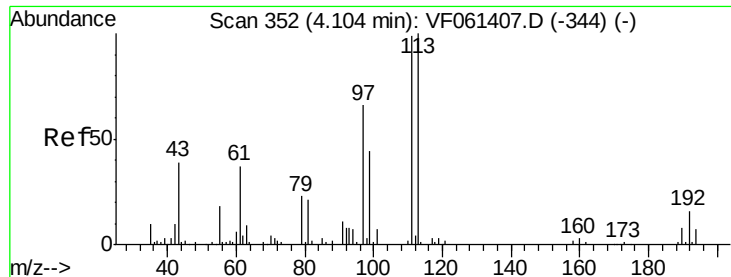
Tot Ion: 65 Resp: 99689
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VF061523.D
 Acq: 25 Jan 2019 16:21

Tgt Ion: 114 Resp: 397309
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.0
 88 19.0 0.0 37.4





#35

Dibromofluoromethane

Concen: 36.782 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.01 min

Lab File: VF061523.D

Acq: 25 Jan 2019 16:21

Instrument :
MSVOA_F
ClientSampleId :
S2RE

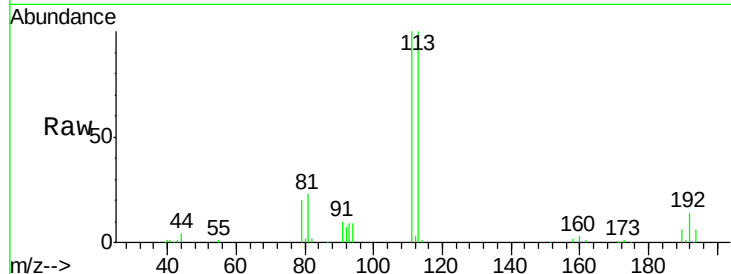
Tot Ion:113 Resp: 115315

Ion Ratio Lower Upper

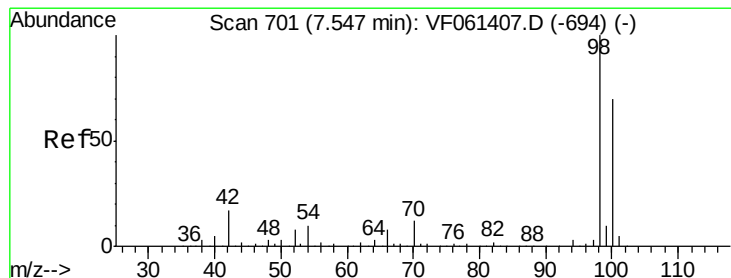
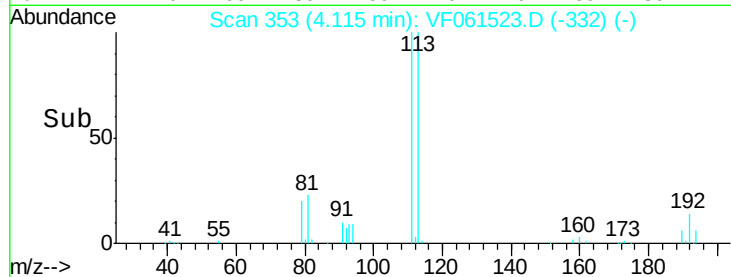
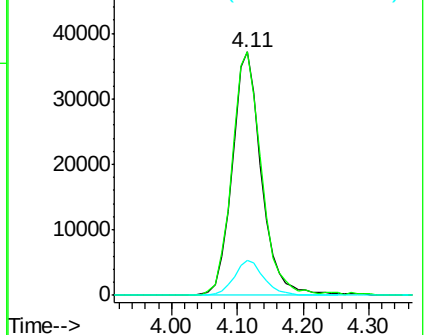
113 100

111 100.0 79.4 119.0

192 14.5 12.4 18.6



Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 33.052 ug/l

RT: 7.56 min Scan# 702

Delta R.T. 0.01 min

Lab File: VF061523.D

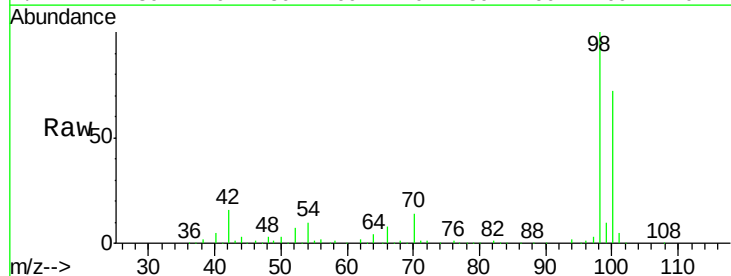
Acq: 25 Jan 2019 16:21

Tgt Ion: 98 Resp: 283901

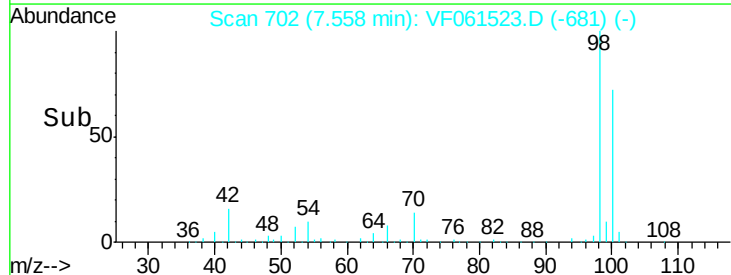
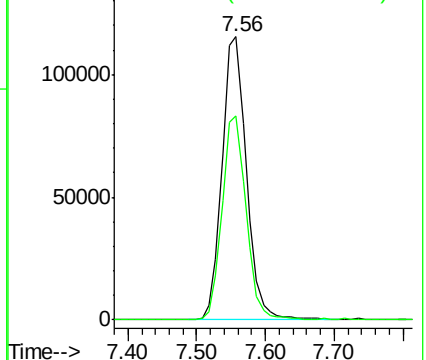
Ion Ratio Lower Upper

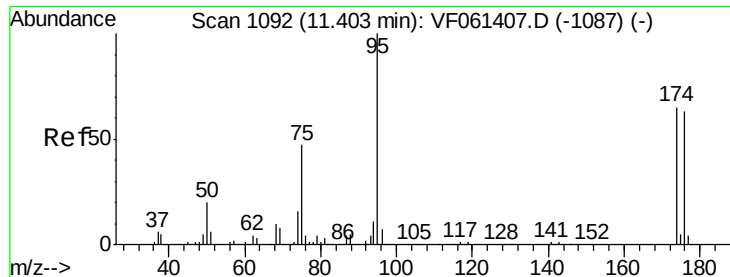
98 100

100 72.2 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 33.186 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VF061523.D

Acq: 25 Jan 2019 16:21

Instrument :

MSVOA_F

ClientSampled :

S2RE

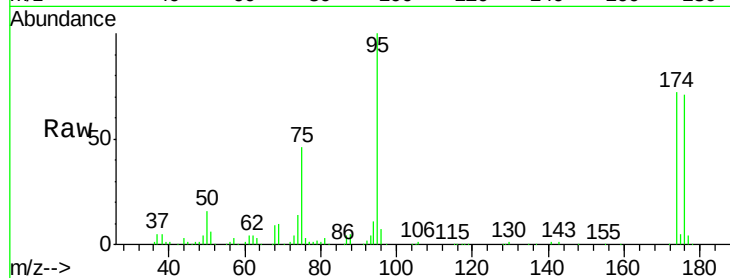
Tot Ion: 95 Resp: 133184

Ion Ratio Lower Upper

95 100

174 71.9 0.0 130.4

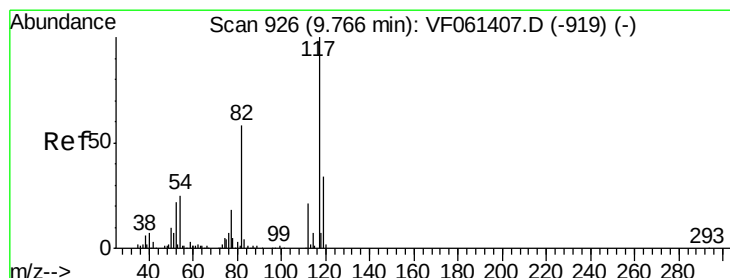
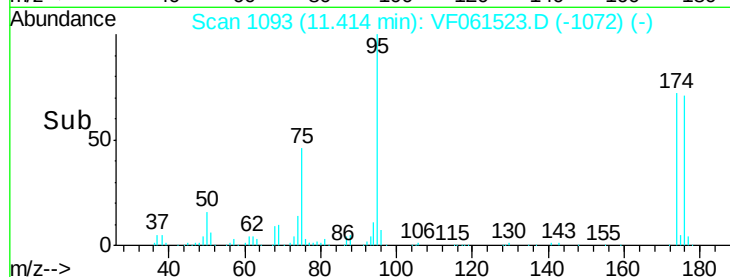
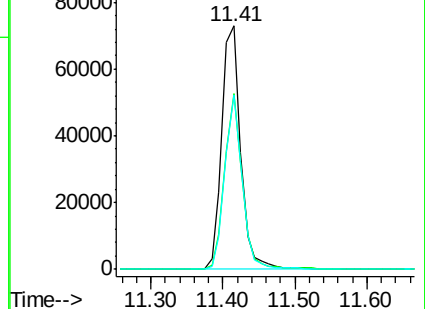
176 71.5 0.0 126.2



Abundance Ion 95.00 (94.70 to 95.70): VF061407.D (-1087) (-)

Ion 174.00 (173.70 to 174.70): VF061407.D (-1087) (-)

Ion 176.00 (175.70 to 176.70): VF061407.D (-1087) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.78 min Scan# 927

Delta R.T. 0.01 min

Lab File: VF061523.D

Acq: 25 Jan 2019 16:21

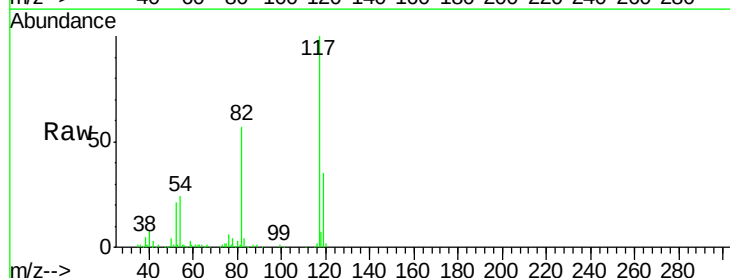
Tgt Ion: 117 Resp: 342550

Ion Ratio Lower Upper

117 100

82 57.4 46.4 69.6

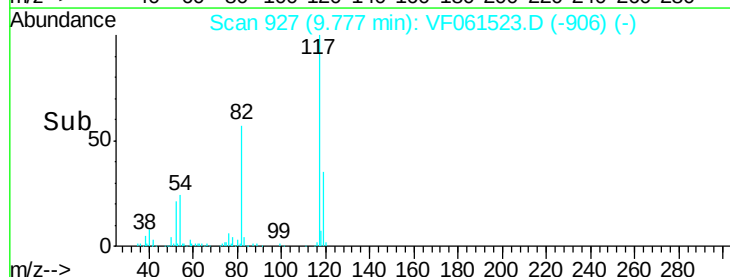
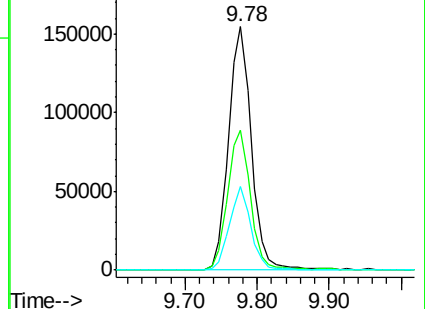
119 34.5 27.2 40.8

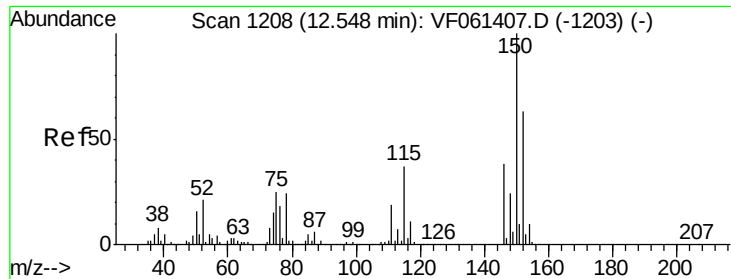


Abundance Ion 117.00 (116.70 to 117.70): VF061407.D (-919) (-)

Ion 82.00 (81.70 to 82.70): VF061407.D (-919) (-)

Ion 119.00 (118.70 to 119.70): VF061407.D (-919) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VF061523.D

Acq: 25 Jan 2019 16:21

Instrument :

MSVOA_F

ClientSampleId :

S2RE

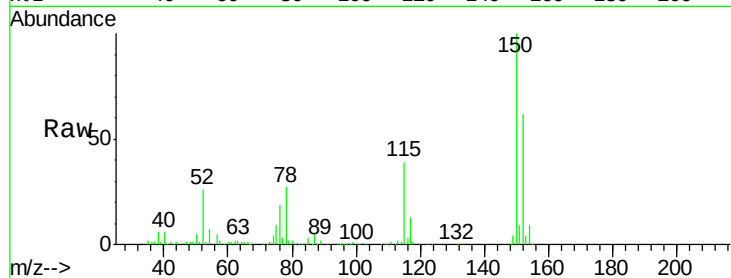
Tot Ion:152 Resp: 162155

Ion Ratio Lower Upper

152 100

115 63.9 30.0 90.0

150 162.4 0.0 321.4



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

