

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
 Data File : VF061525.D
 Acq On : 25 Jan 2019 17:19
 Operator : VA/AP
 Sample : K1238-31
 Misc : 6.31g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S4

Quant Time: Jan 28 01:11:05 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

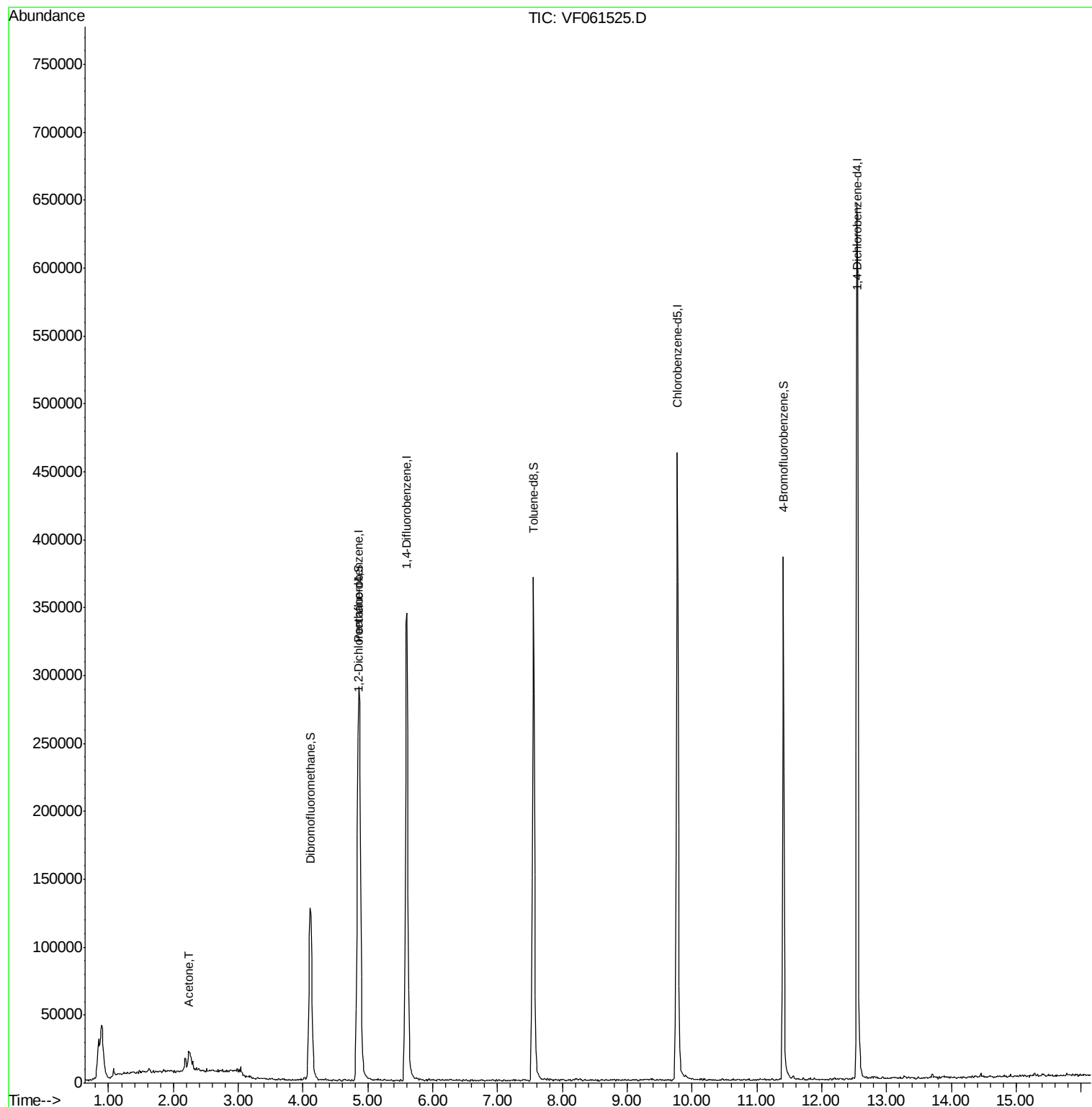
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	220749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	384124	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	330294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	170474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	111073	40.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.50%	
35) Dibromofluoromethane	4.11	113	125433	41.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.76%	
50) Toluene-d8	7.55	98	296676	35.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.44%	
62) 4-Bromofluorobenzene	11.41	95	143072	36.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.74%	
Target Compounds						
16) Acetone	2.24	43	13799	25.238	ug/l	Qvalue 94

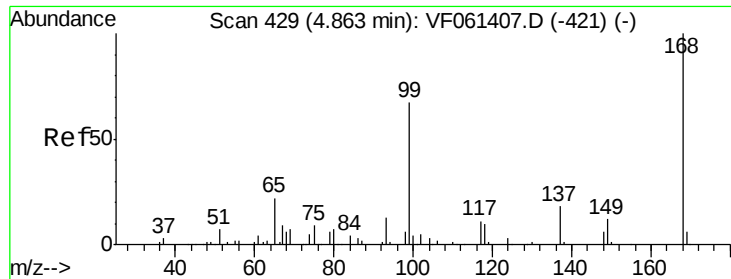
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF061525.D

Acq: 25 Jan 2019 17:19

Instrument :

MSVOA_F

ClientSampleId :

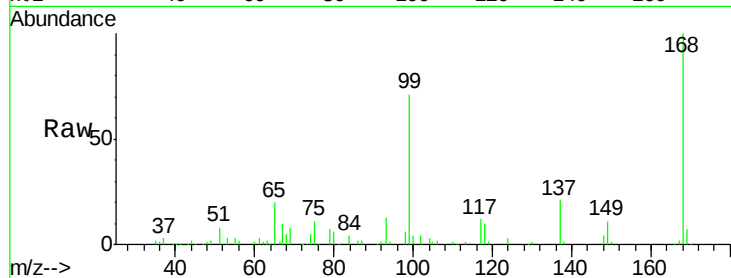
S4

Tot Ion:168 Resp: 220749

Ion Ratio Lower Upper

168 100

99 70.8 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

80000

60000

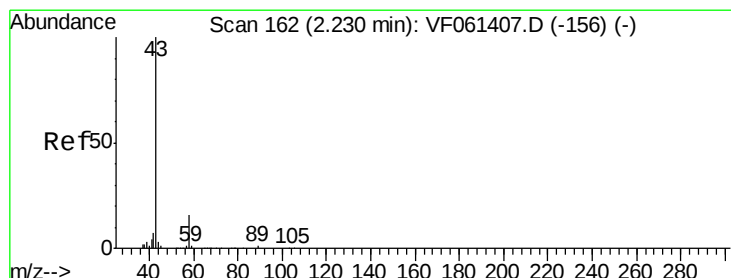
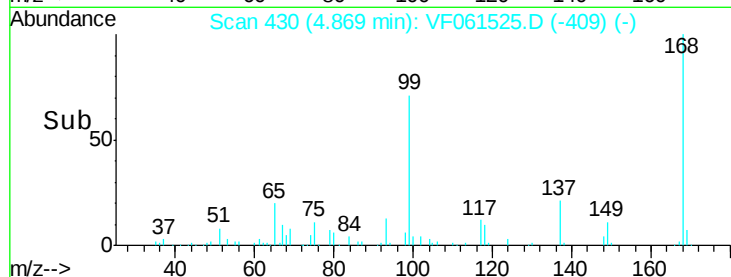
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 25.238 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061525.D

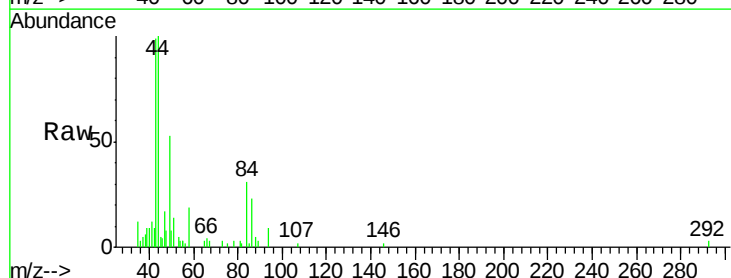
Acq: 25 Jan 2019 17:19

Tgt Ion: 43 Resp: 13799

Ion Ratio Lower Upper

43 100

58 19.1 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

5000

4000

3000

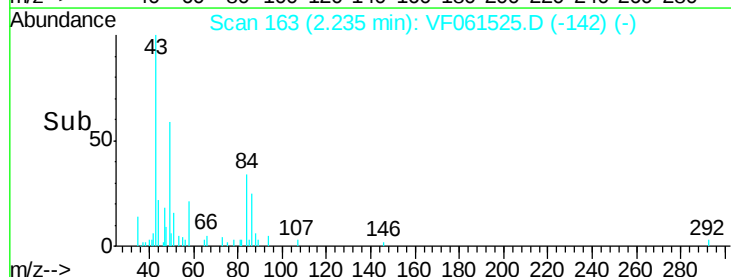
2000

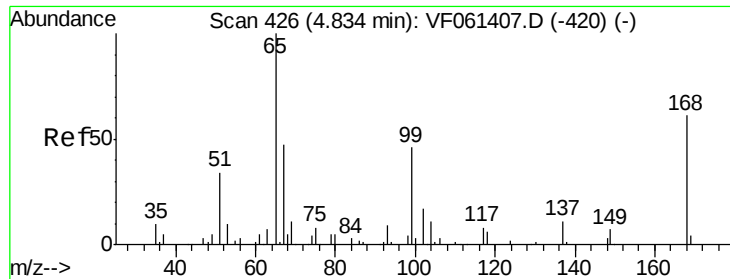
1000

0

Time-->

2.10 2.20 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 40.754 ug/l

RT: 4.84 min Scan# 427

Delta R.T. 0.01 min

Lab File: VF061525.D

Acq: 25 Jan 2019 17:19

Instrument :

MSVOA_F

ClientSampled :

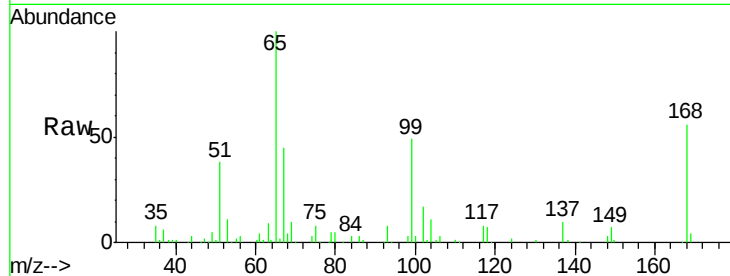
S4

Tot Ion: 65 Resp: 111073

Ion Ratio Lower Upper

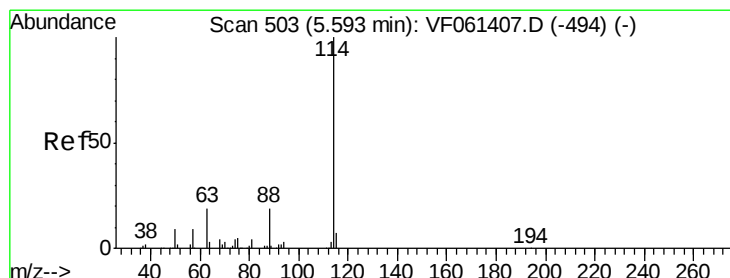
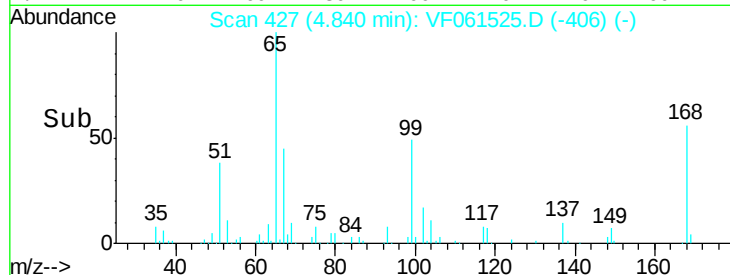
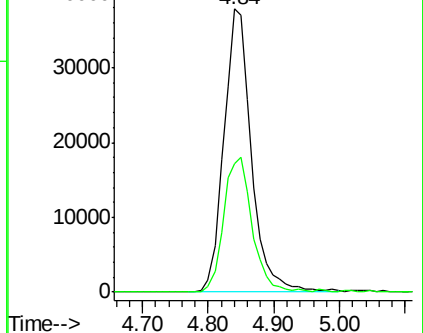
65 100

67 45.4 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.01 min

Lab File: VF061525.D

Acq: 25 Jan 2019 17:19

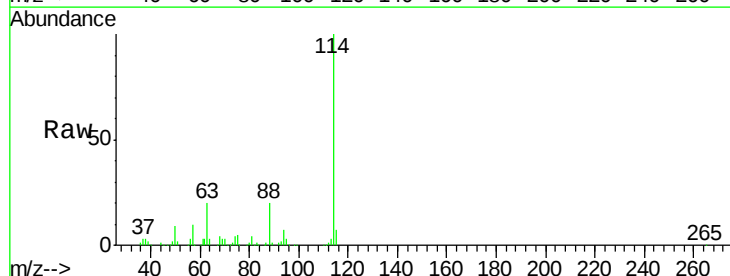
Tgt Ion: 114 Resp: 384124

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.0

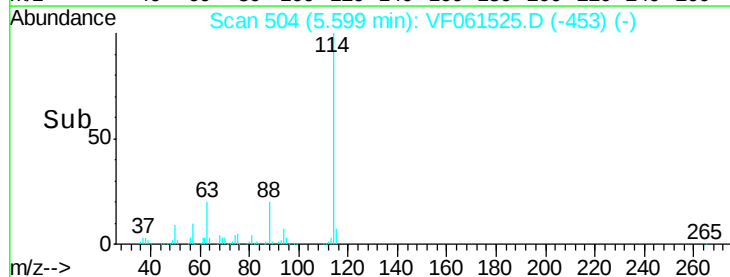
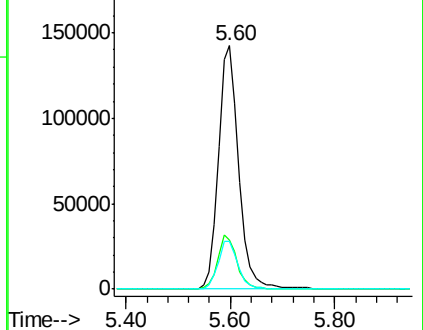
88 19.6 0.0 37.4

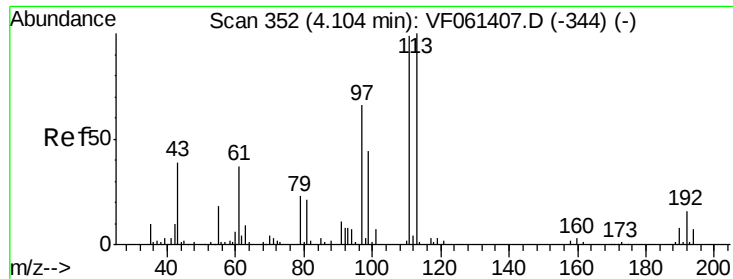


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

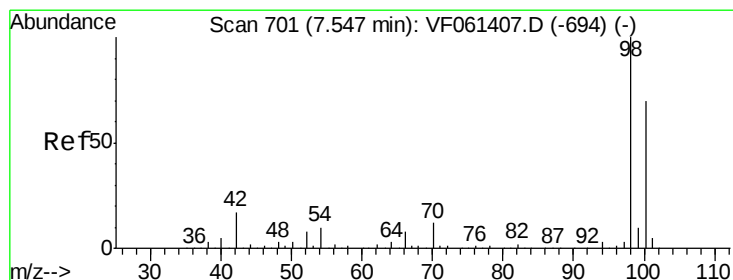
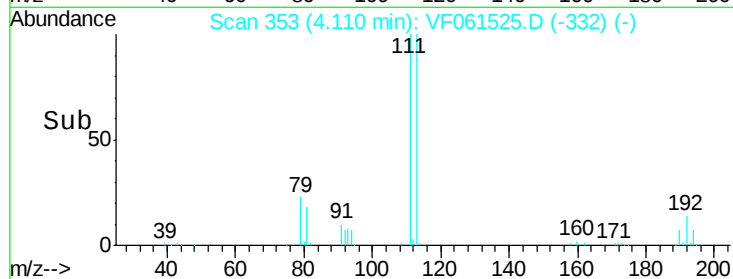
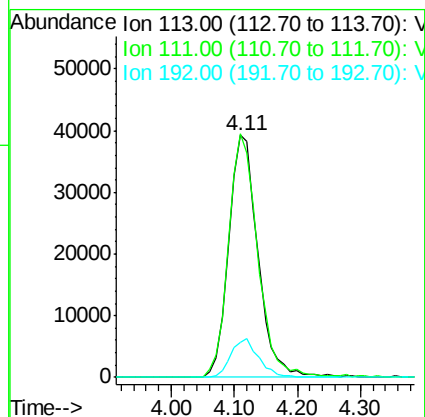
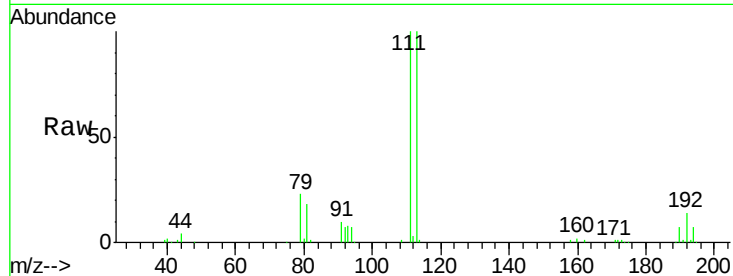




#35
 Dibromofluoromethane
 Concen: 41.382 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VF061525.D
 Acq: 25 Jan 2019 17:19

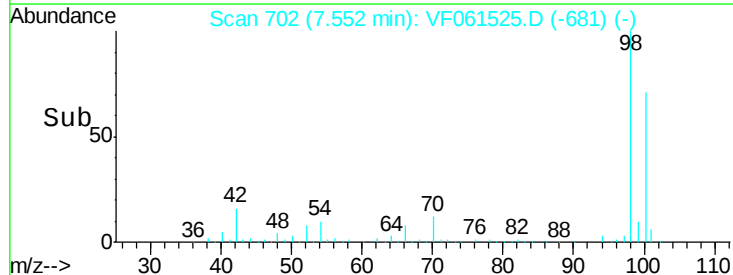
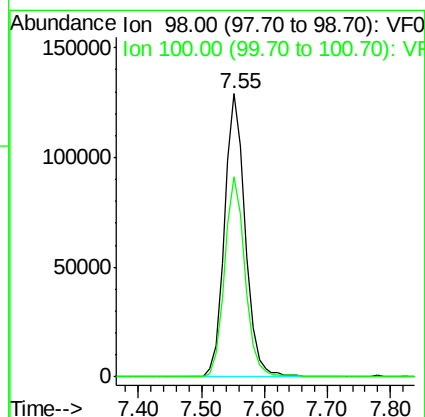
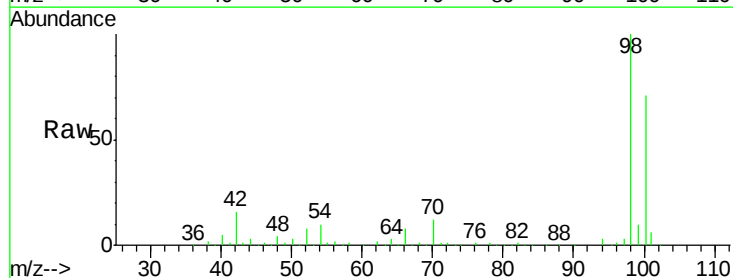
Instrument :
 MSVOA_F
 ClientSampleId :
 S4

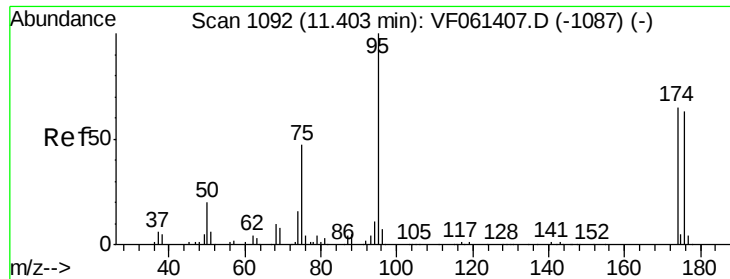
Tot Ion:113 Resp: 125433
 Ion Ratio Lower Upper
 113 100
 111 100.5 79.4 119.0
 192 14.4 12.4 18.6



#50
 Toluene-d8
 Concen: 35.724 ug/l
 RT: 7.55 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: VF061525.D
 Acq: 25 Jan 2019 17:19

Tgt Ion: 98 Resp: 296676
 Ion Ratio Lower Upper
 98 100
 100 70.8 55.6 83.4





#62

4-Bromofluorobenzene

Concen: 36.873 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VF061525.D

Acq: 25 Jan 2019 17:19

Instrument :

MSVOA_F

ClientSampled :

S4

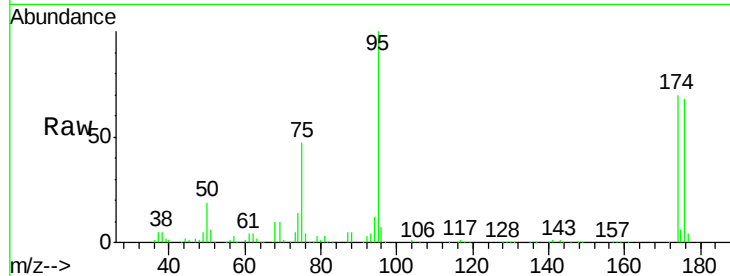
Tot Ion: 95 Resp: 143072

Ion Ratio Lower Upper

95 100

174 70.4 0.0 130.4

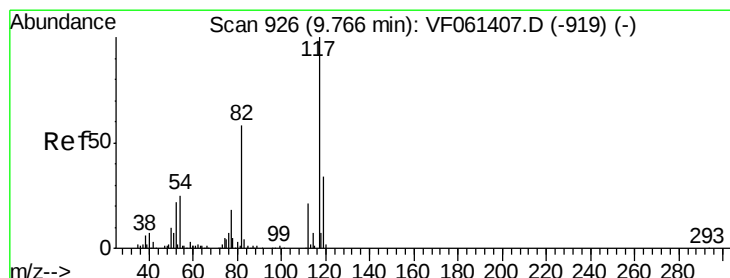
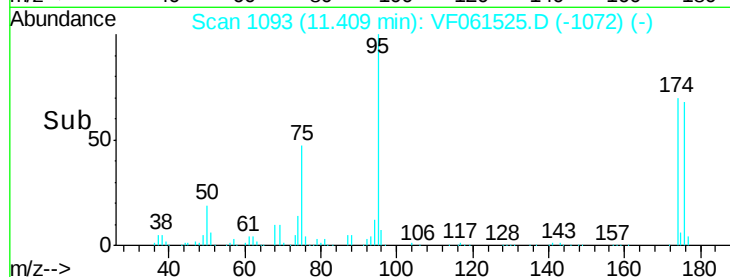
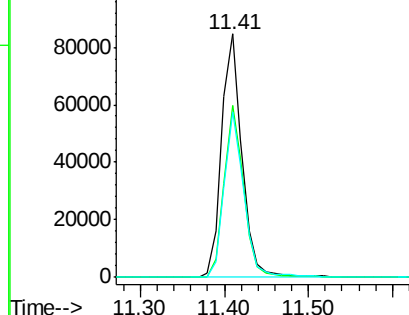
176 67.9 0.0 126.2



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: 9.77 min Scan# 927

Delta R.T. 0.01 min

Lab File: VF061525.D

Acq: 25 Jan 2019 17:19

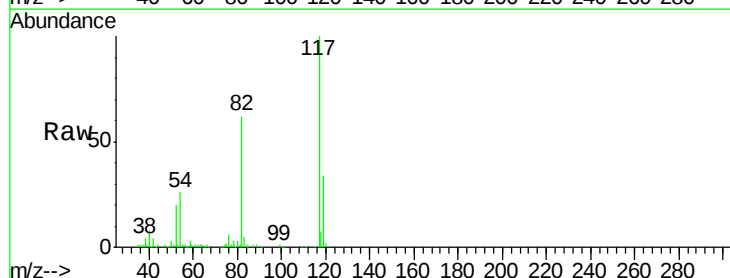
Tgt Ion: 117 Resp: 330294

Ion Ratio Lower Upper

117 100

82 61.8 46.4 69.6

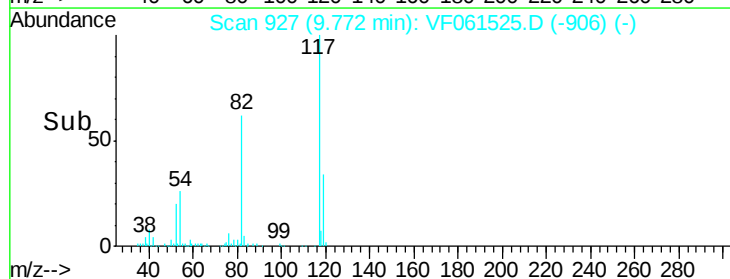
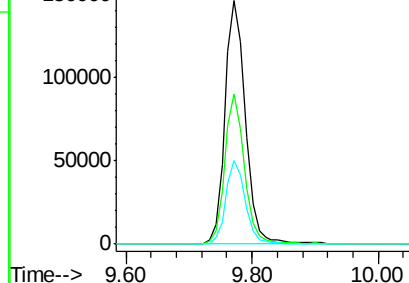
119 34.3 27.2 40.8

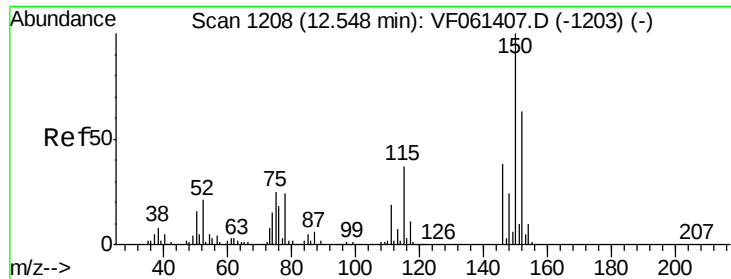


Abundance Ion 117.00 (116.70 to 117.70): VF061407.D (-919) (-)

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# 1209

Delta R.T. 0.01 min

Lab File: VF061525.D

Acq: 25 Jan 2019 17:19

Instrument :

MSVOA_F

ClientSampleId :

S4

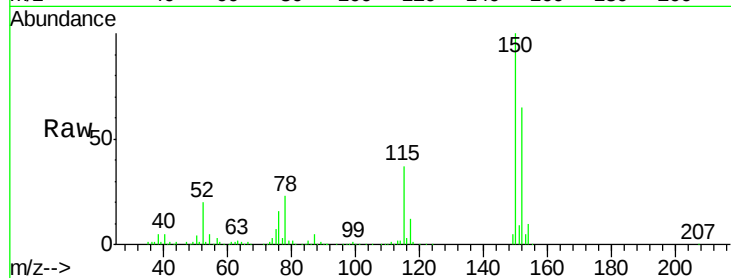
Tot Ion:152 Resp: 170474

Ion Ratio Lower Upper

152 100

115 56.1 30.0 90.0

150 153.1 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

