

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082018\
 Data File : VF060014.D
 Acq On : 20 Aug 2018 20:47
 Operator : VA/AP
 Sample : J4499-11
 Misc : 5.03g/5mL/MSVOA F/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 DUP(0-1)

Quant Time: Aug 21 05:42:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

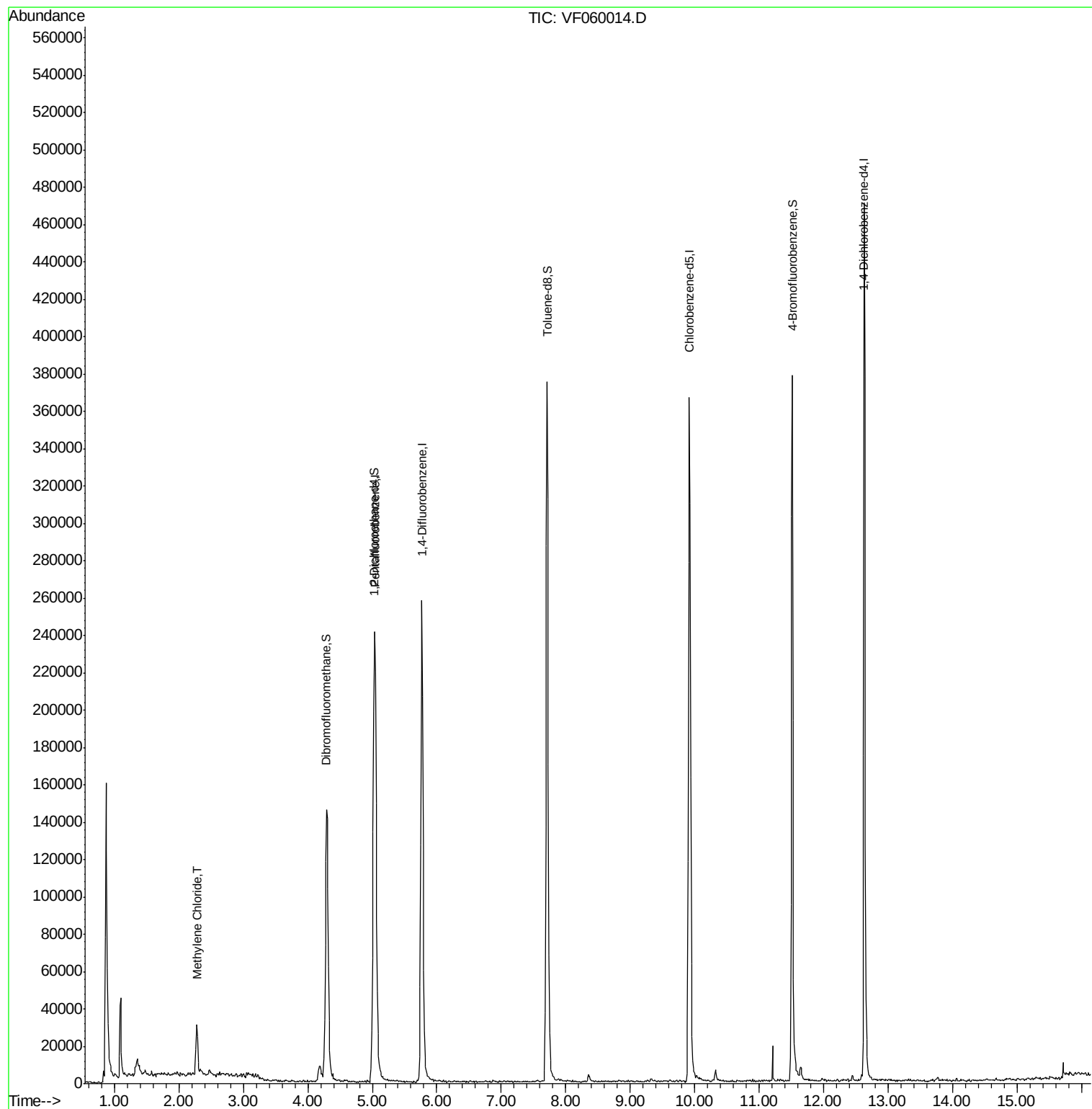
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	162862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	258746	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	263403	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	116606	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	144903	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
35) Dibromofluoromethane	4.29	113	135212	51.13	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.26%	
50) Toluene-d8	7.71	98	301454	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.52	95	132400	36.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.38%	
Target Compounds						
20) Methylene Chloride	2.28	84	12139	3.16	ug/l	Qvalue 92

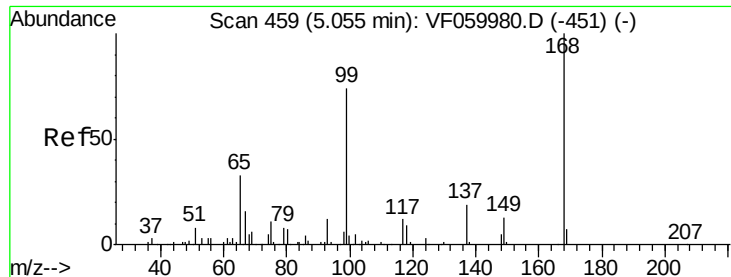
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 18 01:11:02 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF060014.D

Acq: 20 Aug 2018 20:47

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ClientSampleId :

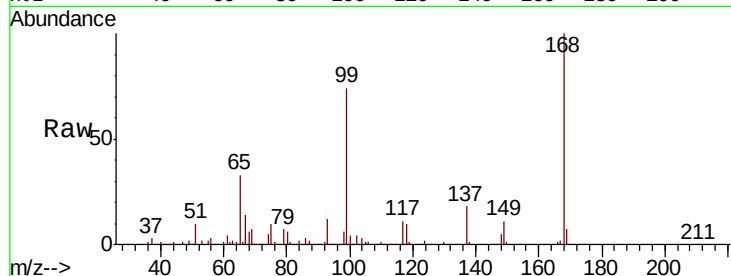
DUP(0-1)

Tot Ion:168 Resp: 162862

Ion Ratio Lower Upper

168 100

99 73.9 59.0 88.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

60000

50000

40000

30000

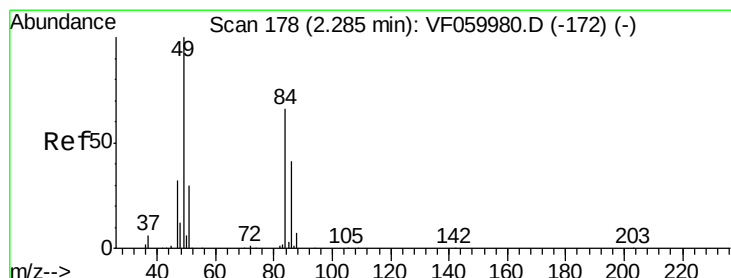
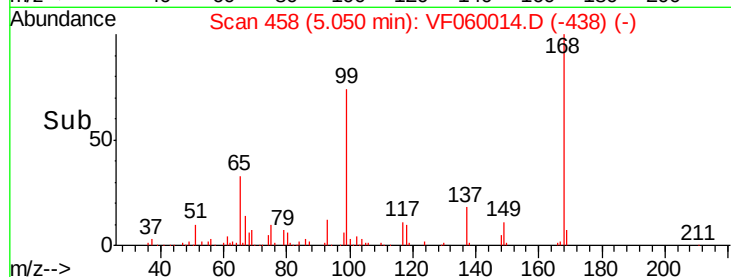
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 3.16 ug/l

RT: 2.28 min Scan# 177

Delta R.T. -0.00 min

Lab File: VF060014.D

Acq: 20 Aug 2018 20:47

Tgt Ion: 84 Resp: 12139

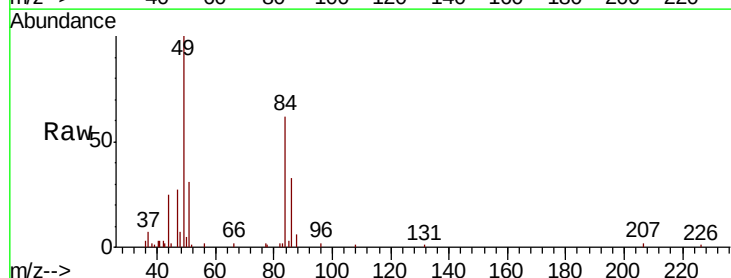
Ion Ratio Lower Upper

84 100

49 162.0 122.5 183.7

51 50.9 37.1 55.7

86 53.8 50.2 75.2



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

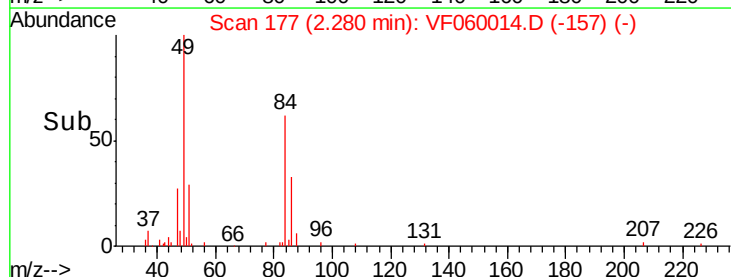
10000

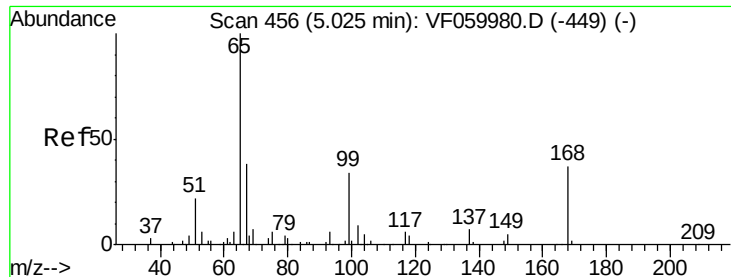
5000

0

Time-->

2.20 2.25 2.30 2.35 2.40

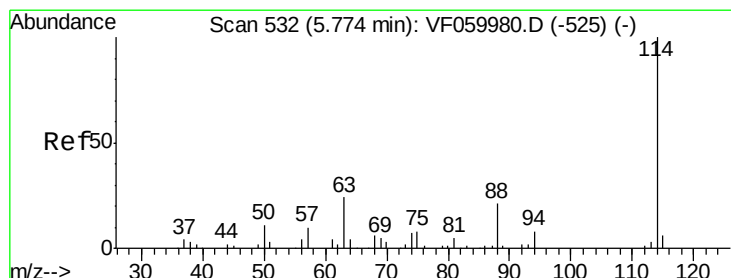
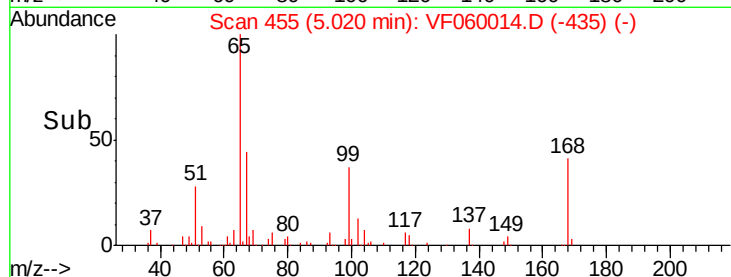
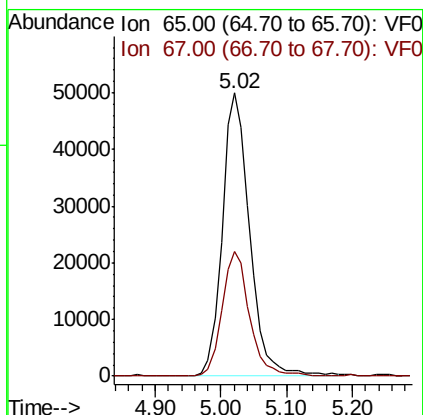
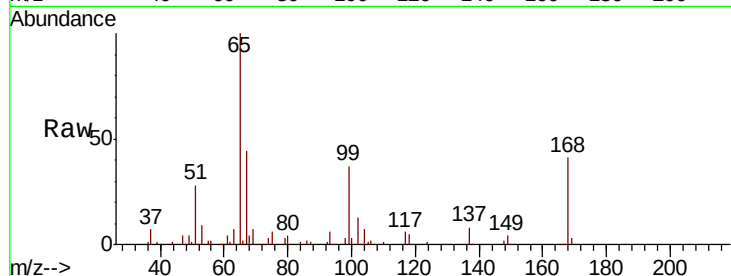




#33
 1,2-Dichloroethane-d4
 Concen: 46.09 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: VF060014.D
 Acq: 20 Aug 2018 20:47

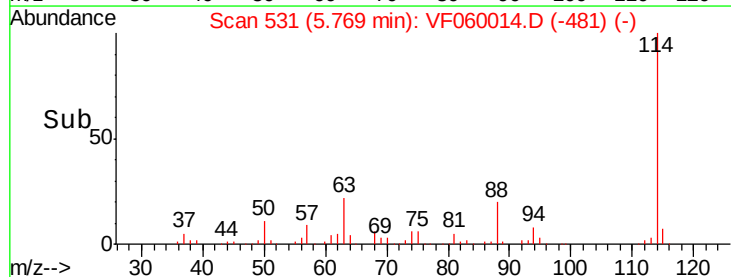
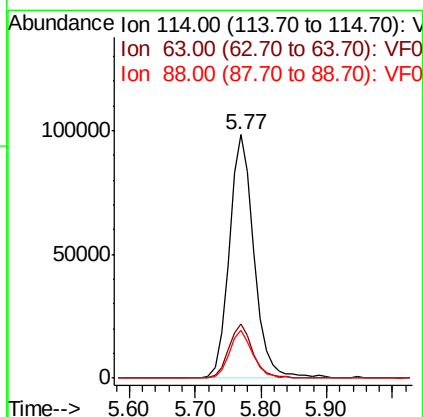
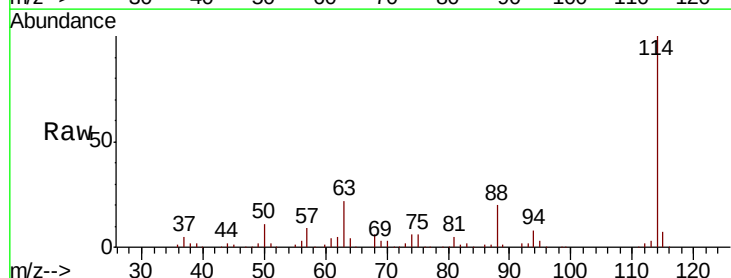
Instrument :
 MSVOA_F
 ClientSampleId :
 DUP(0-1)

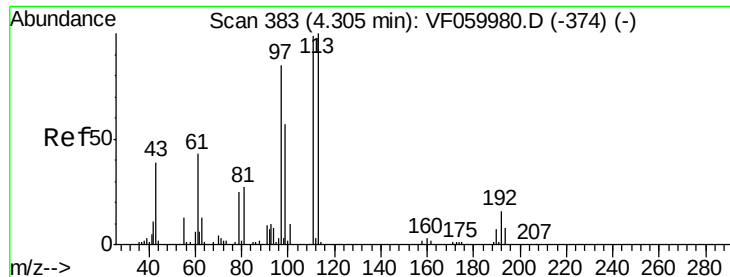
Tot Ion: 65 Resp: 144903
 Ion Ratio Lower Upper
 65 100
 67 44.0 0.0 82.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VF060014.D
 Acq: 20 Aug 2018 20:47

Tgt Ion: 114 Resp: 258746
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 48.6
 88 19.7 0.0 42.8





#35

Dibromofluoromethane

Concen: 51.13 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF060014.D

Acq: 20 Aug 2018 20:47

Instrument :

MSVOA_F

ClientSampleId :

DUP(0-1)

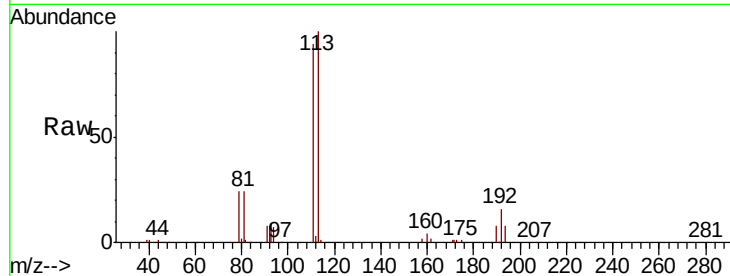
Tot Ion:113 Resp: 135212

Ion Ratio Lower Upper

113 100

111 94.2 79.5 119.3

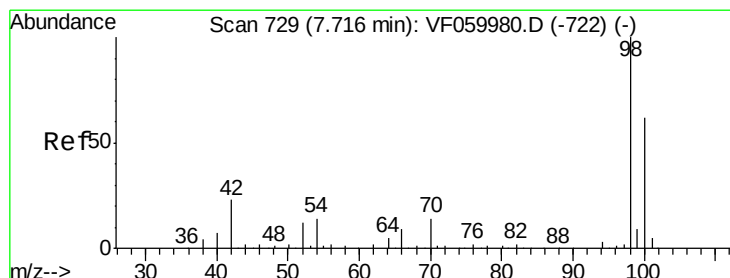
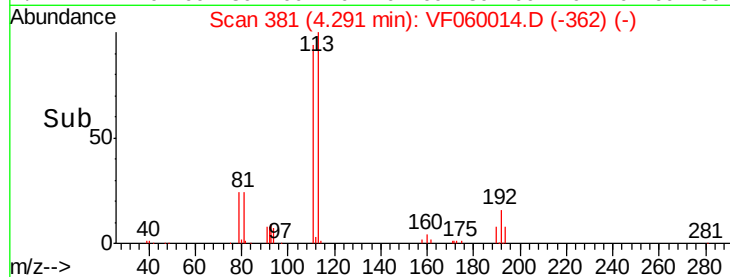
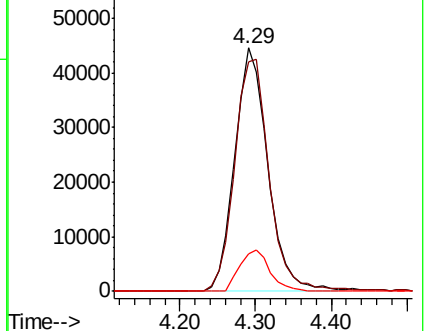
192 15.6 12.4 18.6



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: 51.26 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.00 min

Lab File: VF060014.D

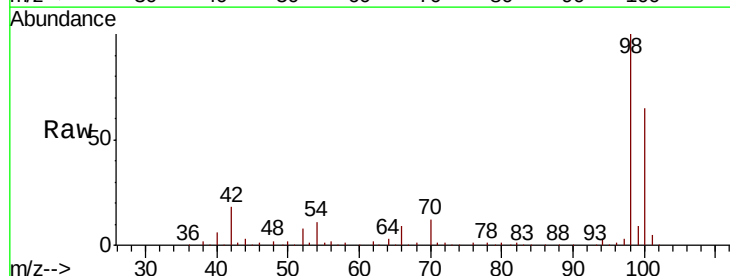
Acq: 20 Aug 2018 20:47

Tgt Ion: 98 Resp: 301454

Ion Ratio Lower Upper

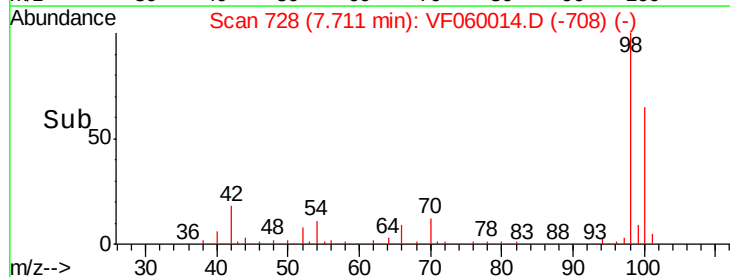
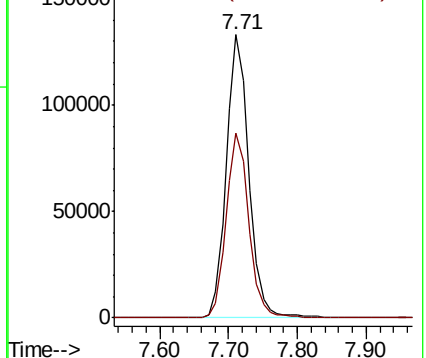
98 100

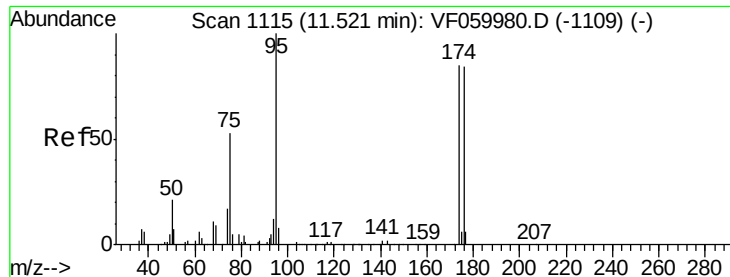
100 65.4 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 36.69 ug/l

RT: 11.52 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VF060014.D

Acq: 20 Aug 2018 20:47

Instrument :

MSVOA_F

ClientSampleId :

DUP(0-1)

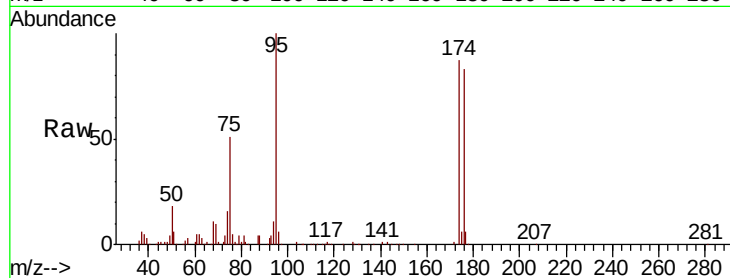
Tot Ion: 95 Resp: 132400

Ion Ratio Lower Upper

95 100

174 87.4 0.0 169.8

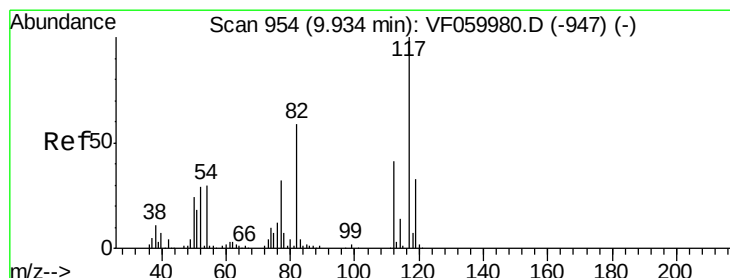
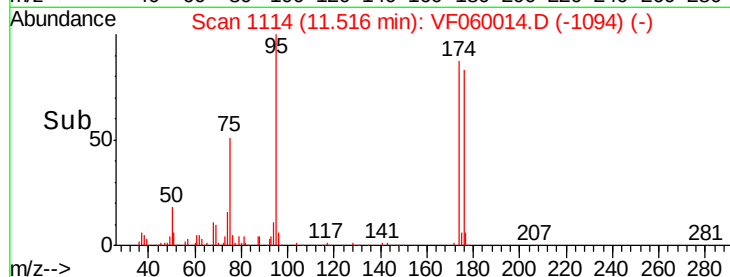
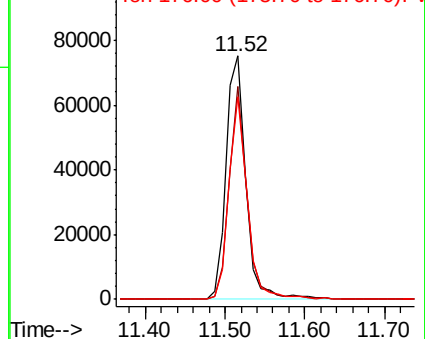
176 83.5 0.0 167.8



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: 50.00 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.01 min

Lab File: VF060014.D

Acq: 20 Aug 2018 20:47

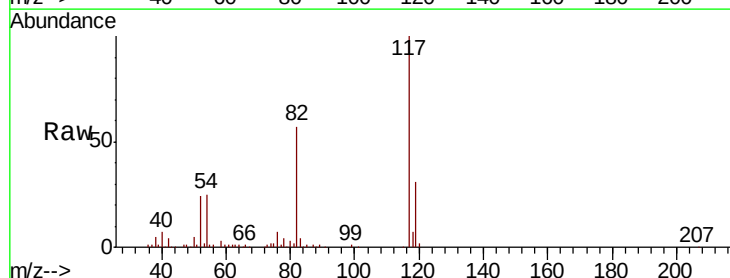
Tgt Ion: 117 Resp: 263403

Ion Ratio Lower Upper

117 100

82 57.3 47.2 70.8

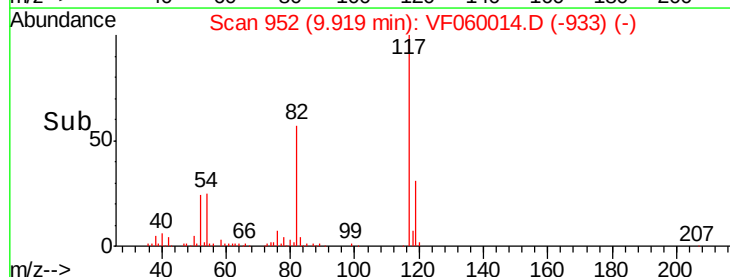
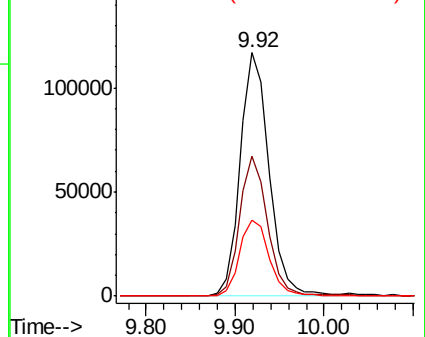
119 31.2 26.1 39.1

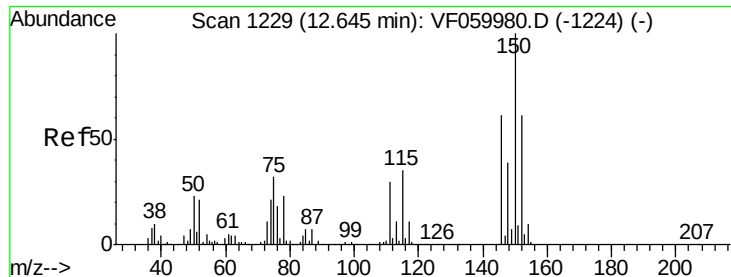


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF060014.D

Acq: 20 Aug 2018 20:47

Instrument :

MSVOA_F

ClientSampleId :

DUP(0-1)

Tot Ion:152 Resp: 116606

Ion Ratio Lower Upper

152 100

115 65.0 29.1 87.3

150 163.3 0.0 330.2

