

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110618\
 Data File : VF060623.D
 Acq On : 6 Nov 2018 20:18
 Operator : VA/AP
 Sample : J5819-04
 Misc : 4.6g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BES48_SB01_4-4.5

Quant Time: Nov 07 12:05:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

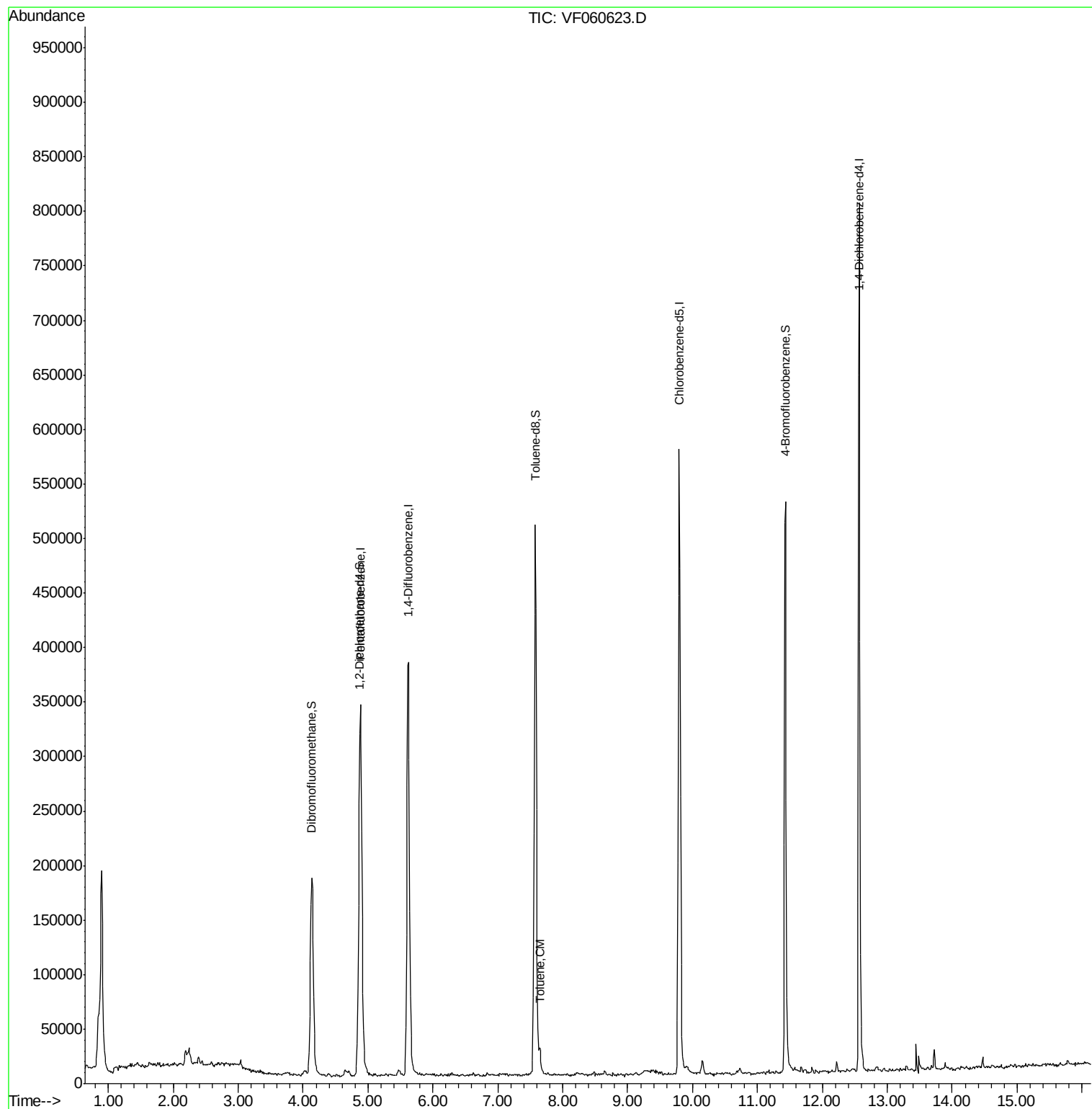
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	252083	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.62	114	458265	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.80	117	426968	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	212052	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	151532	59.49	ug/l	0.02
Spiked Amount 50.000			Recovery	=	118.98%	
35) Dibromofluoromethane	4.13	113	180185	50.89	ug/l	0.03
Spiked Amount 50.000			Recovery	=	101.78%	
50) Toluene-d8	7.58	98	445653	42.49	ug/l	0.02
Spiked Amount 50.000			Recovery	=	84.98%	
62) 4-Bromofluorobenzene	11.42	95	221064	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
Target Compounds						
52) Toluene	7.65	92	10240	1.28	ug/l	Qvalue 97

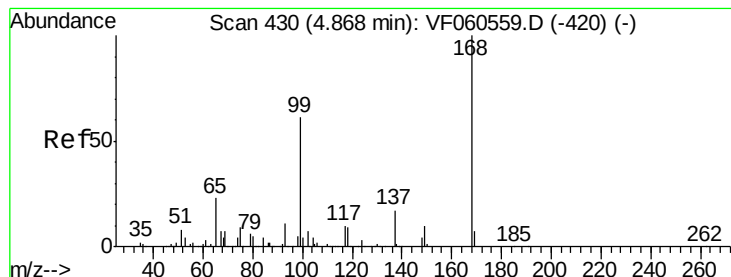
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.03 min

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MSVOA_F

ClientSampleId :

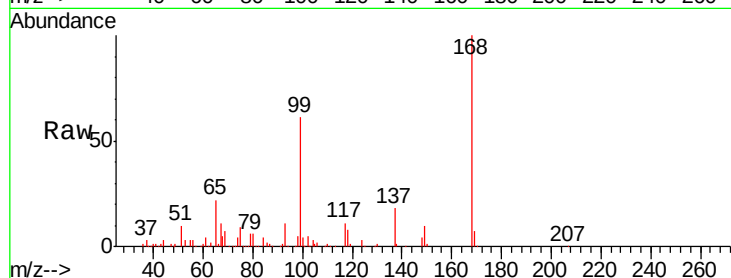
BES48_SB01_4-4.5

Tgt Ion: 168 Resp: 252083

Ion Ratio Lower Upper

168 100

99 61.0 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

80000

60000

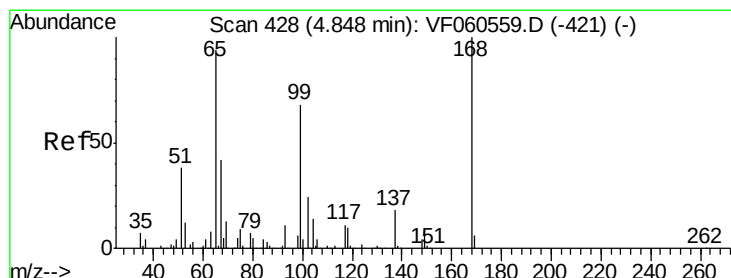
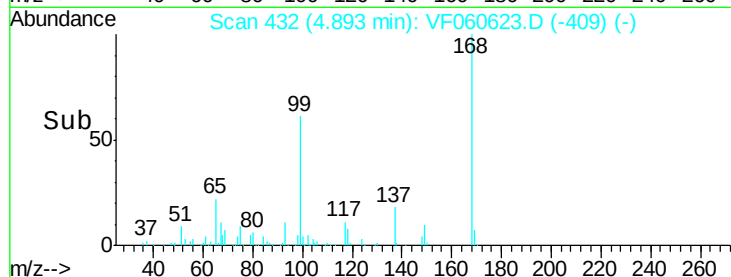
40000

20000

0

4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.49 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.02 min

Lab File: VF060623.D

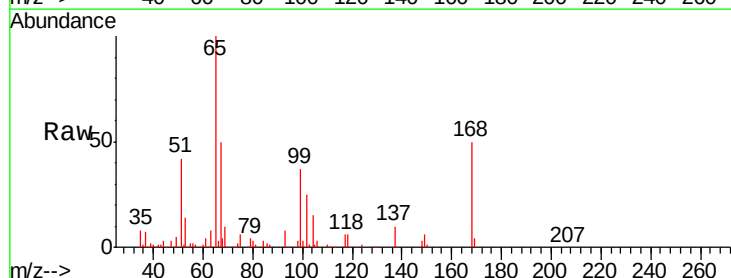
Acq: 6 Nov 2018 20:18

Tgt Ion: 65 Resp: 151532

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

60000

50000

40000

30000

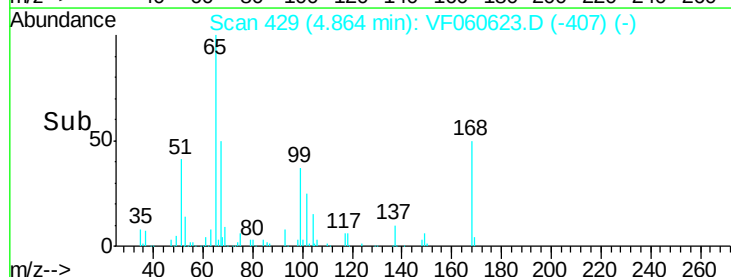
20000

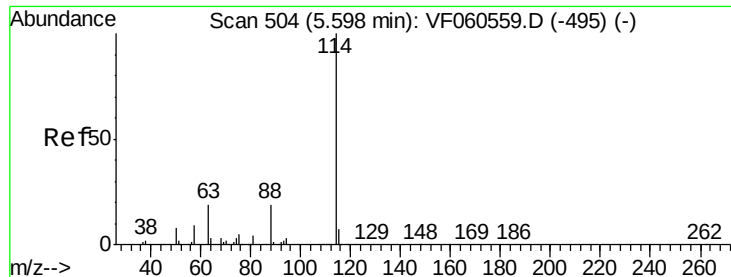
10000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 506

Delta R.T. 0.03 min

Lab File: VF060623.D

Acq: 6 Nov 2018 20:18

Instrument :

MSVOA_F

ClientSampleId :

BES48_SB01_4-4.5

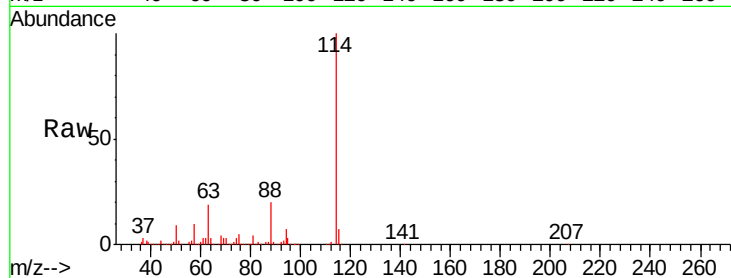
Tgt Ion:114 Resp: 458265

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.0

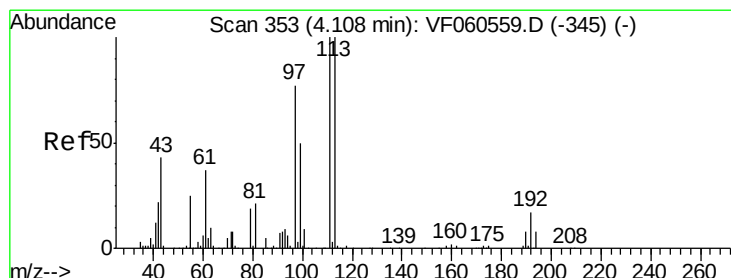
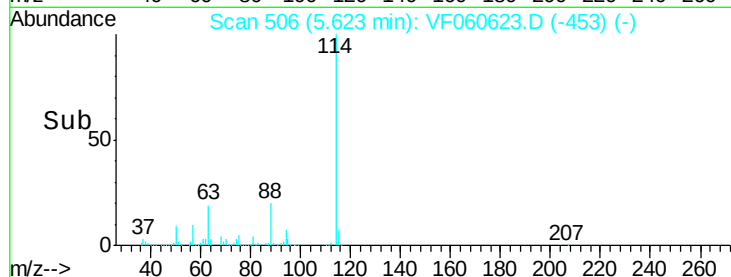
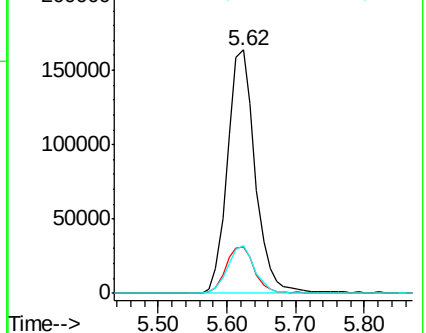
88 19.6 0.0 38.2



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: 50.89 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.03 min

Lab File: VF060623.D

Acq: 6 Nov 2018 20:18

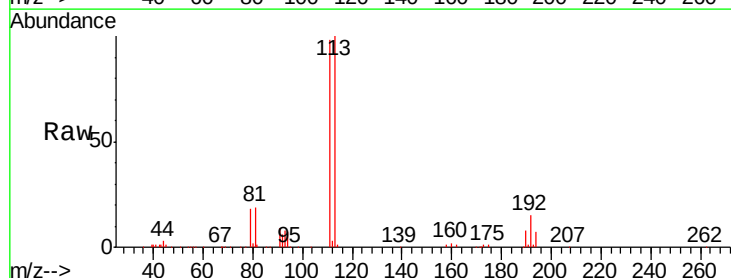
Tgt Ion:113 Resp: 180185

Ion Ratio Lower Upper

113 100

111 97.9 79.9 119.9

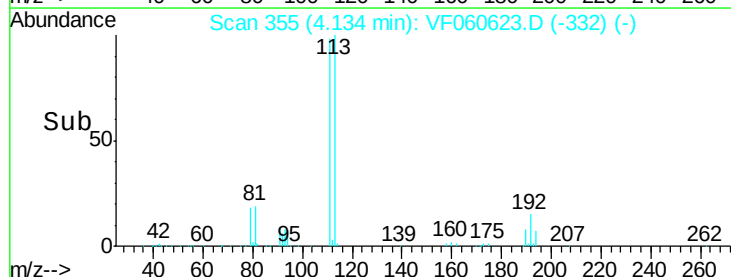
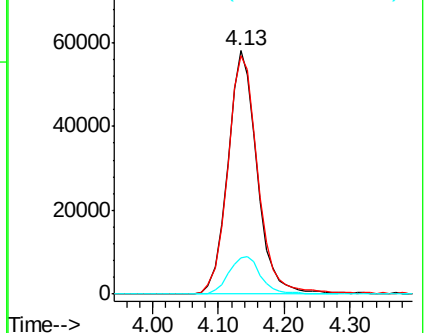
192 14.8 13.3 19.9

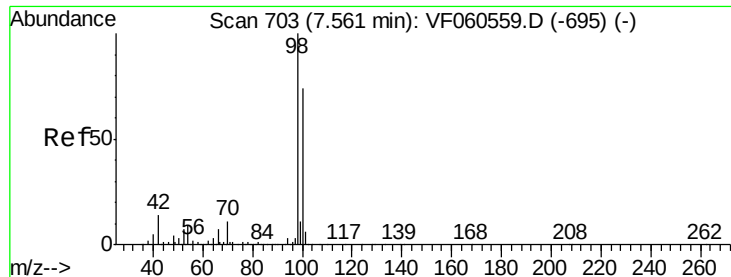


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

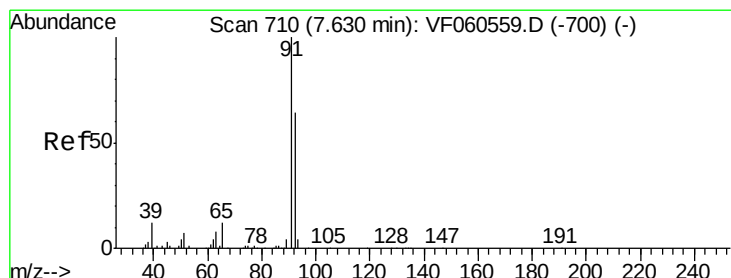
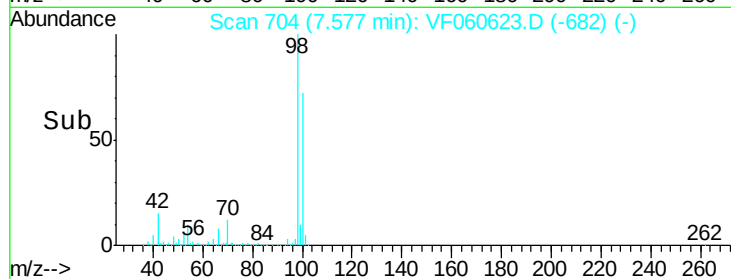
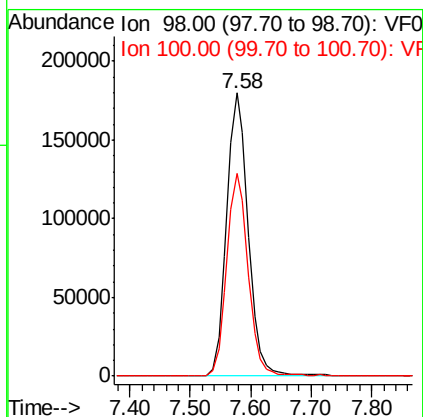
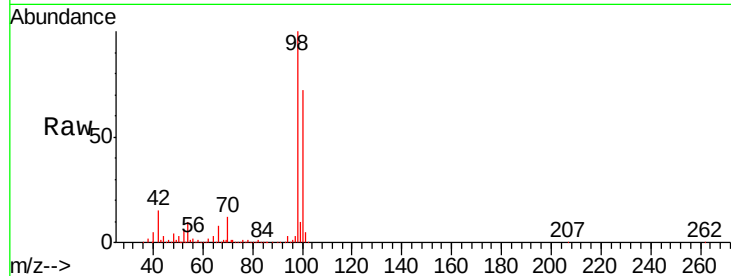




#50
Toluene-d8
Concen: 42.49 ug/l
RT: 7.58 min Scan# 704
Delta R.T. 0.02 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

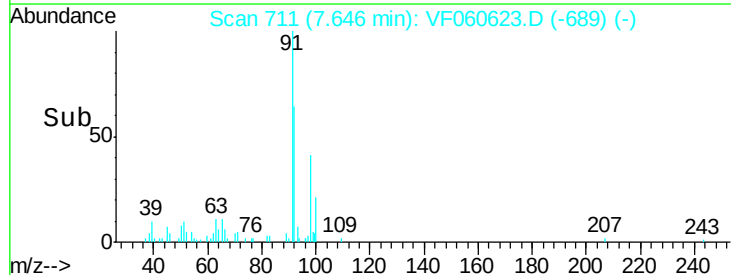
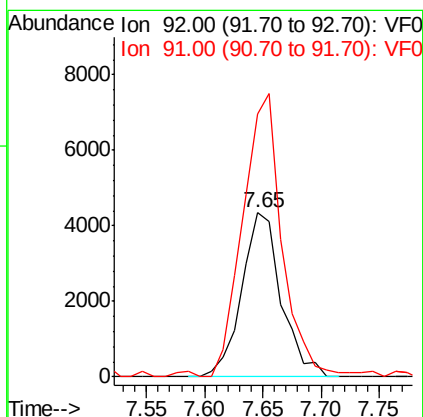
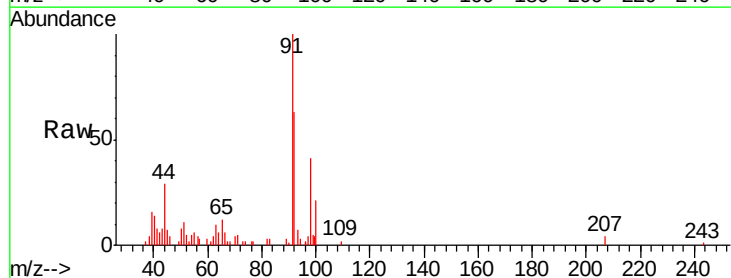
Instrument :
MSVOA_F
ClientSampleId :
BES48_SB01_4-4.5

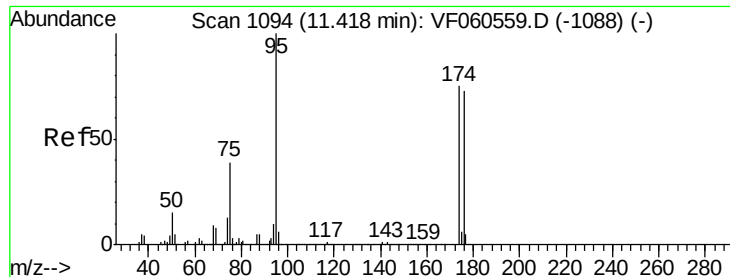
Tgt Ion: 98 Resp: 445653
Ion Ratio Lower Upper
98 100
100 71.5 59.4 89.2



#52
Toluene
Concen: 1.28 ug/l
RT: 7.65 min Scan# 711
Delta R.T. 0.02 min
Lab File: VF060623.D
Acq: 6 Nov 2018 20:18

Tgt Ion: 92 Resp: 10240
Ion Ratio Lower Upper
92 100
91 159.9 124.5 186.7





#62

4-Bromofluorobenzene

Concen: 48.19 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF060623.D

Acq: 6 Nov 2018 20:18

Instrument :

MSVOA_F

ClientSampleId :

BES48_SB01_4-4.5

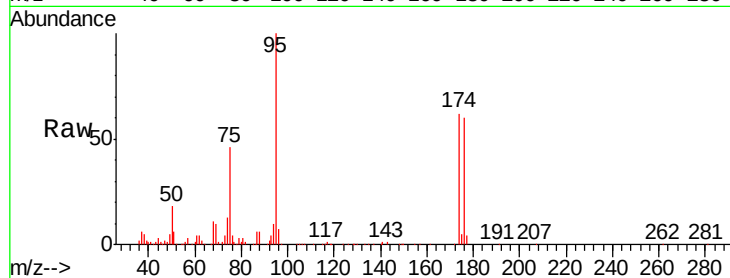
Tgt Ion: 95 Resp: 221064

Ion Ratio Lower Upper

95 100

174 61.6 0.0 149.0

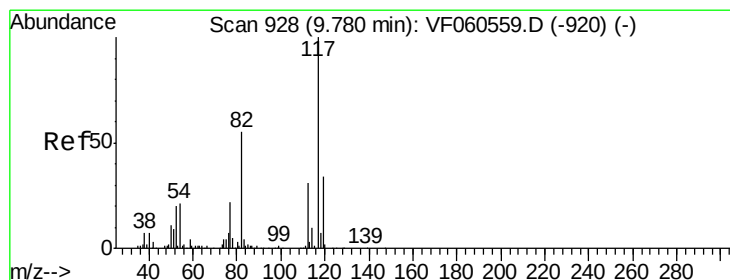
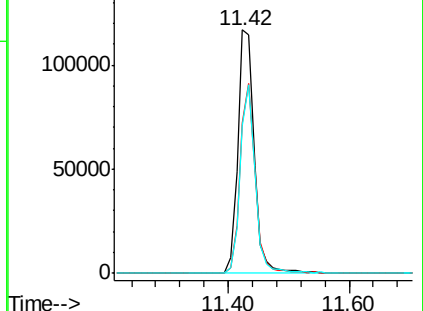
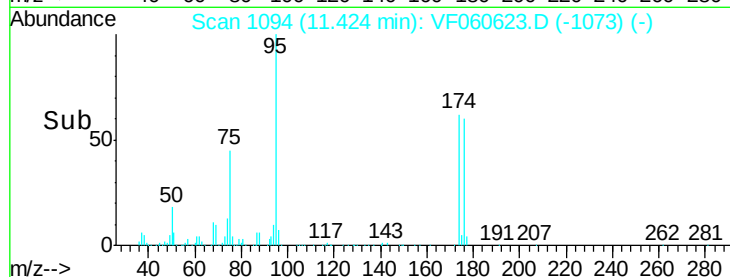
176 60.4 0.0 145.6



Abundance Ion 95.00 (94.70 to 95.70): VF060623.D (-1073) (-)

Ion 174.00 (173.70 to 174.70): VF060623.D (-1073) (-)

Ion 176.00 (175.70 to 176.70): VF060623.D (-1073) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.80 min Scan# 929

Delta R.T. 0.02 min

Lab File: VF060623.D

Acq: 6 Nov 2018 20:18

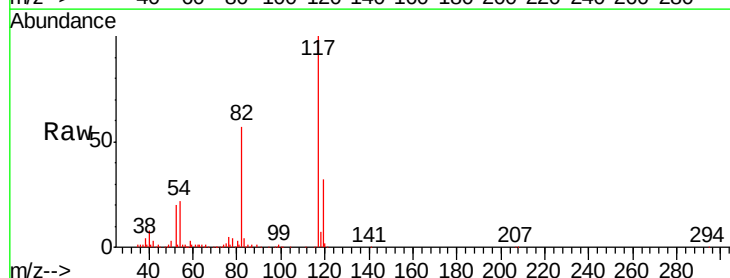
Tgt Ion: 117 Resp: 426968

Ion Ratio Lower Upper

117 100

82 56.9 43.9 65.9

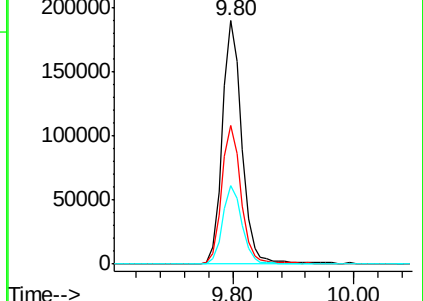
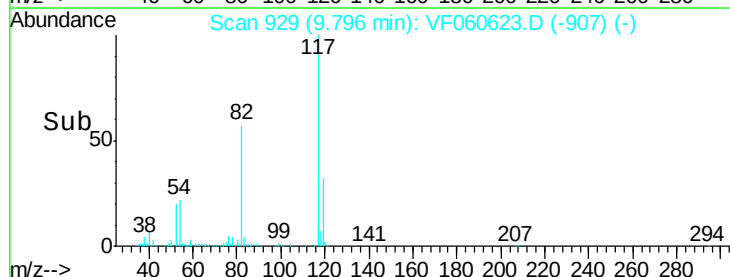
119 32.1 27.4 41.0

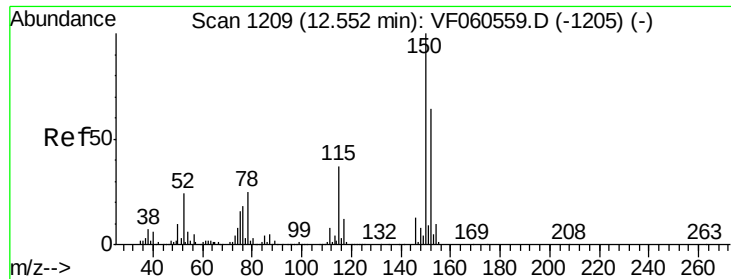


Abundance Ion 117.00 (116.70 to 117.70): VF060623.D (-907) (-)

Ion 82.00 (81.70 to 82.70): VF060623.D (-907) (-)

Ion 119.00 (118.70 to 119.70): VF060623.D (-907) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.57 min Scan# 1210

Delta R.T. 0.02 min

Lab File: VF060623.D

Acq: 6 Nov 2018 20:18

Instrument :

MSVOA_F

ClientSampleId :

BES48_SB01_4-4.5

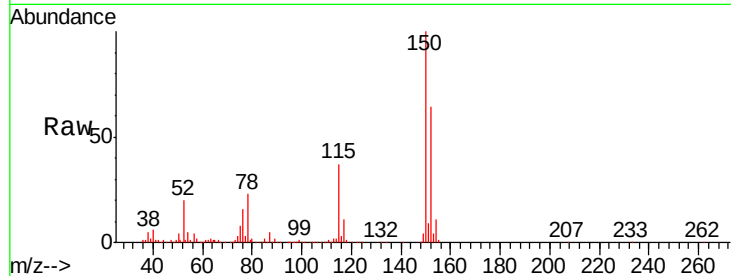
Tgt Ion:152 Resp: 212052

Ion Ratio Lower Upper

152 100

115 57.7 29.6 88.8

150 155.1 0.0 315.6



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

