

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110618\
 Data File : VF060621.D
 Acq On : 6 Nov 2018 19:21
 Operator : VA/AP
 Sample : J5819-02
 Misc : 2.99g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BES48_SB04_2.25-2.75

Quant Time: Nov 07 11:55:39 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

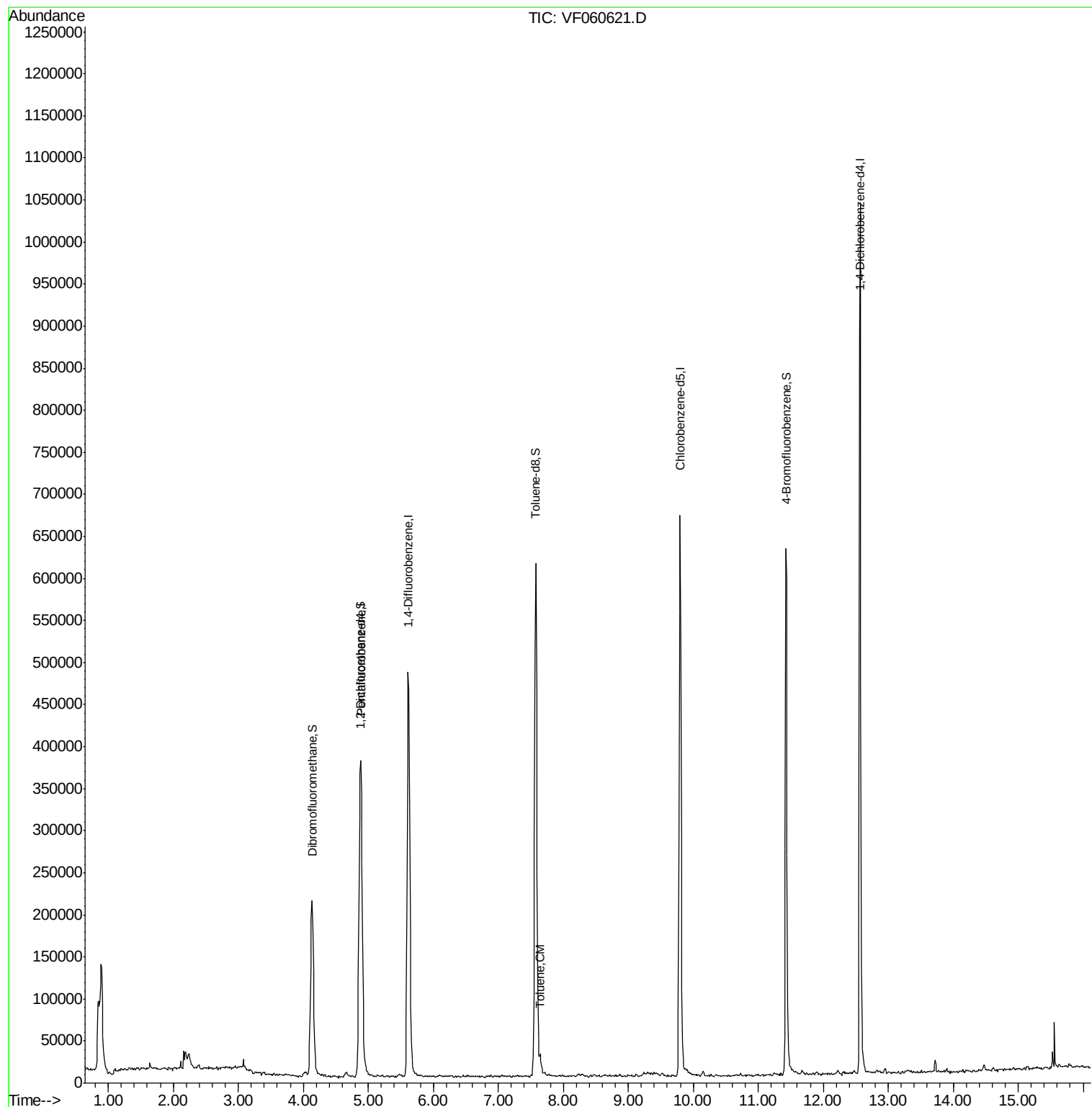
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	299990	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.61	114	576469	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.80	117	501108	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	279920	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	171197	56.48	ug/l	0.02
Spiked Amount 50.000			Recovery	=	112.96%	
35) Dibromofluoromethane	4.13	113	204173	45.84	ug/l	0.03
Spiked Amount 50.000			Recovery	=	91.68%	
50) Toluene-d8	7.58	98	512640	38.86	ug/l	0.02
Spiked Amount 50.000			Recovery	=	77.72%	
62) 4-Bromofluorobenzene	11.42	95	262639	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
Target Compounds						
52) Toluene	7.65	92	10522	1.048	ug/l	Qvalue 99

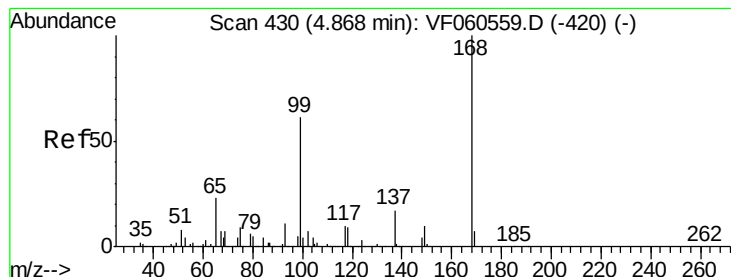
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.03 min

Lab File: VF060621.D

Acq: 6 Nov 2018 19:21

Instrument :

MSVOA_F

ClientSampleId :

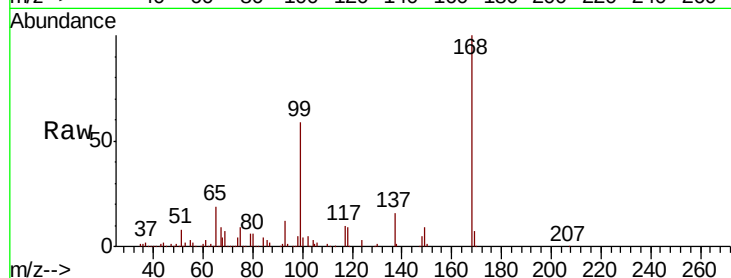
BES48_SB04_2.25-2.75

Tot Ion:168 Resp: 299990

Ion Ratio Lower Upper

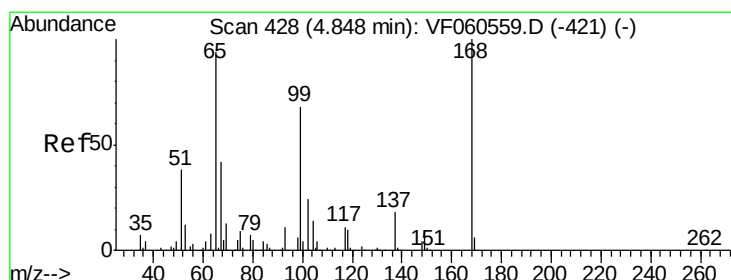
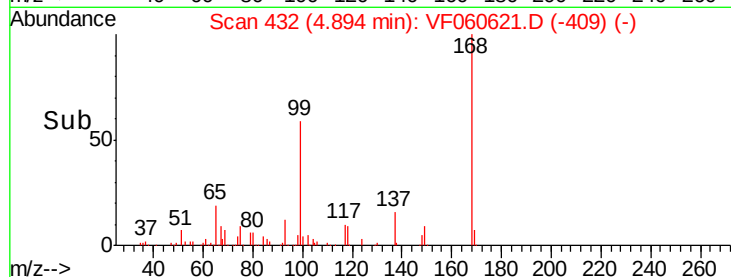
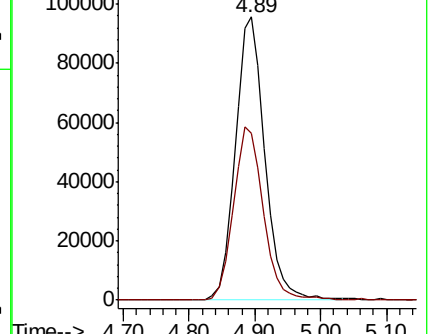
168 100

99 59.0 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 56.482 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.02 min

Lab File: VF060621.D

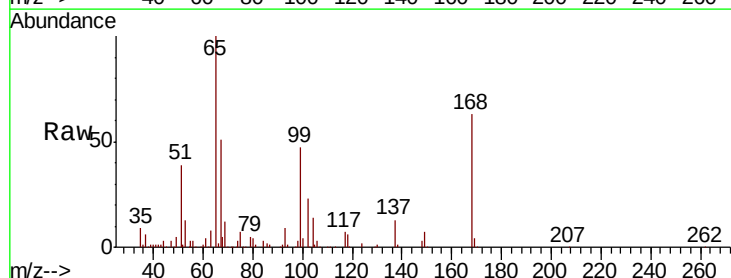
Acq: 6 Nov 2018 19:21

Tgt Ion: 65 Resp: 171197

Ion Ratio Lower Upper

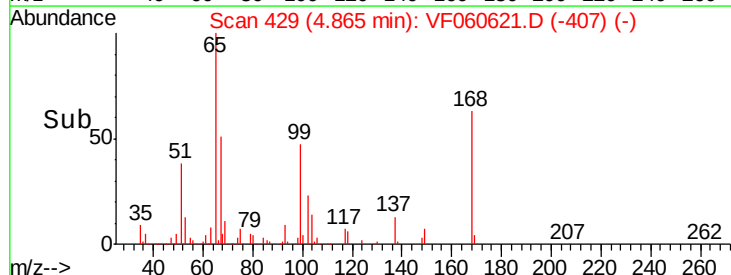
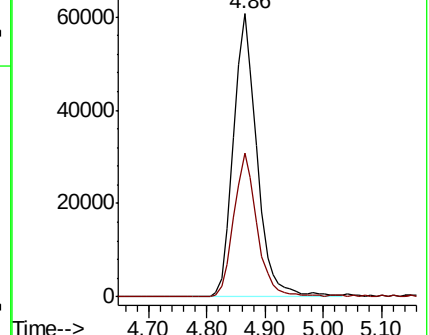
65 100

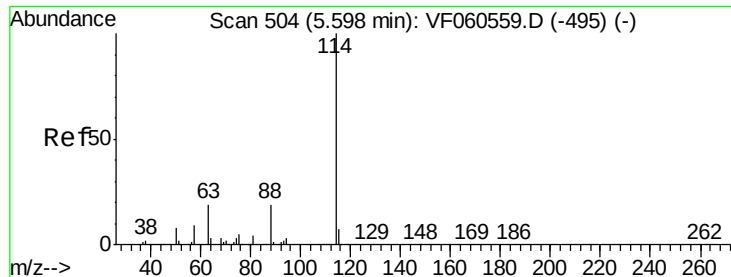
67 50.8 0.0 101.8



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: 5.61 min Scan# 505

Delta R.T. 0.02 min

Lab File: VF060621.D

Acq: 6 Nov 2018 19:21

Instrument :

MSVOA_F

ClientSampleId :

BES48_SB04_2.25-2.75

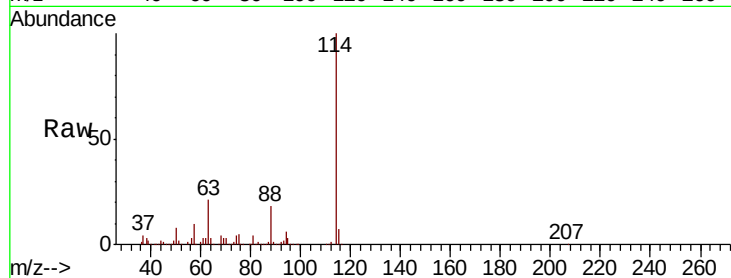
Tot Ion:114 Resp: 576469

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.0

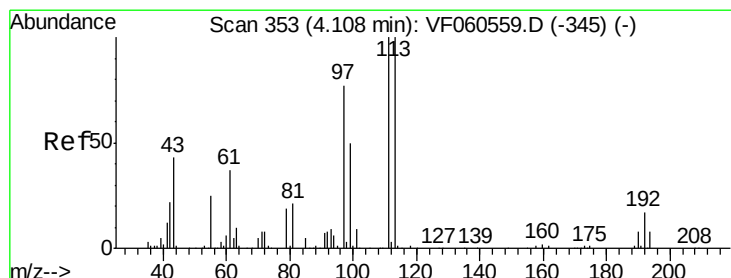
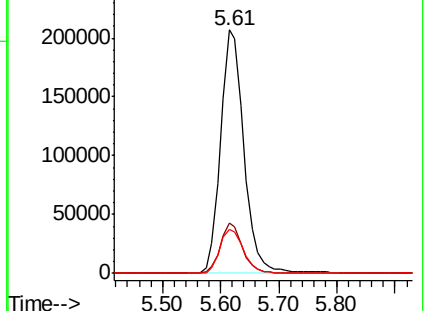
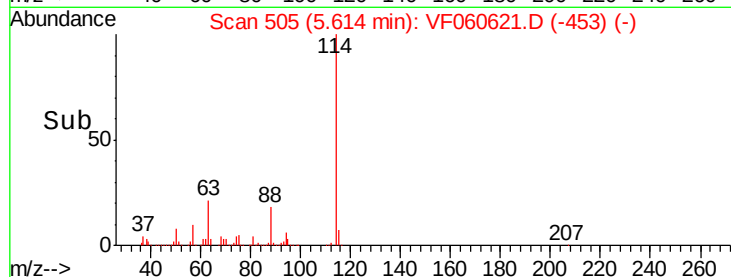
88 18.2 0.0 38.2



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: 45.843 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.03 min

Lab File: VF060621.D

Acq: 6 Nov 2018 19:21

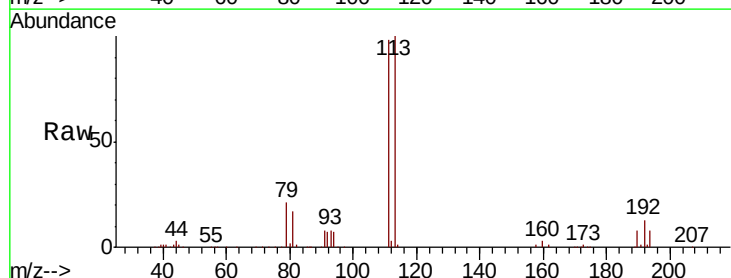
Tgt Ion:113 Resp: 204173

Ion Ratio Lower Upper

113 100

111 98.1 79.9 119.9

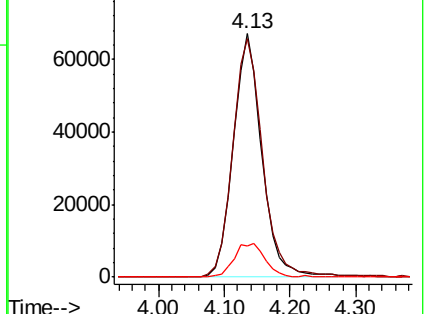
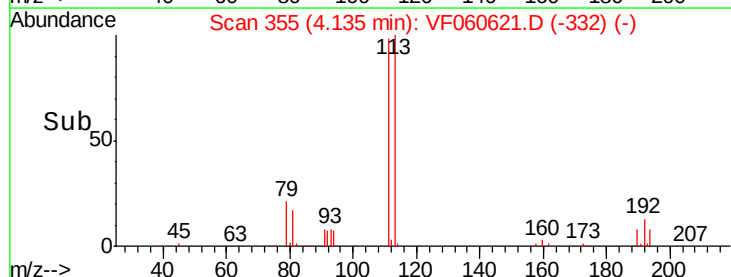
192 13.0 13.3 19.9#

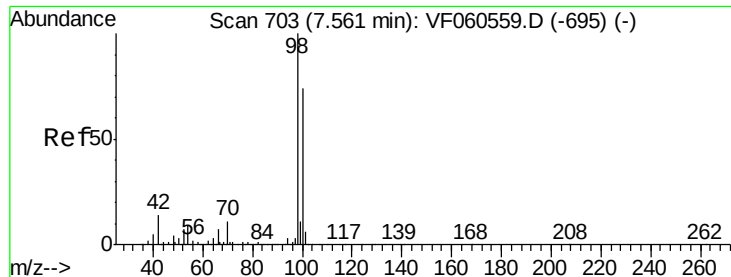


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 38.856 ug/l

RT: 7.58 min Scan# 704

Delta R.T. 0.02 min

Lab File: VF060621.D

Acq: 6 Nov 2018 19:21

Instrument :

MSVOA_F

ClientSampleId :

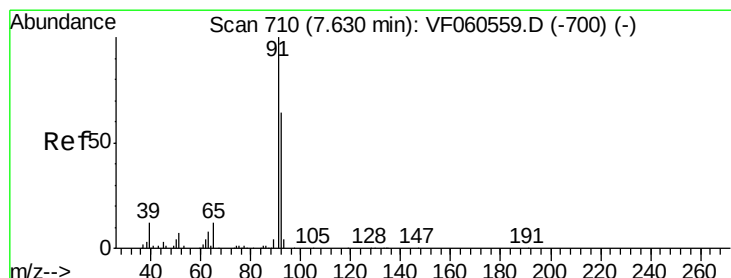
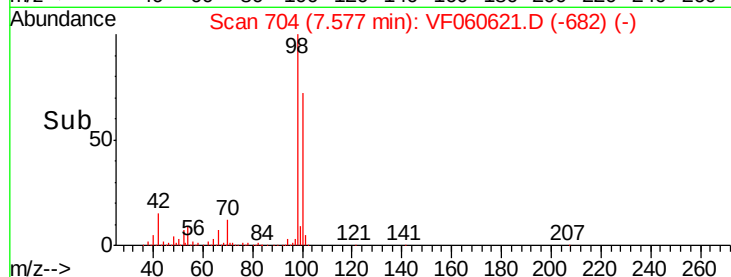
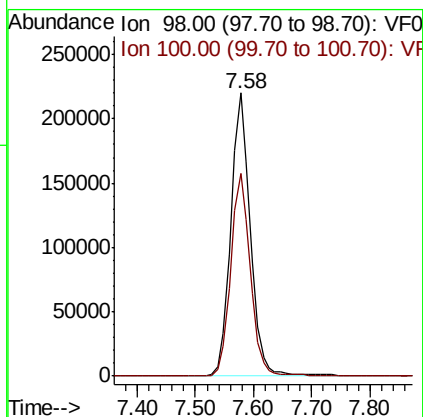
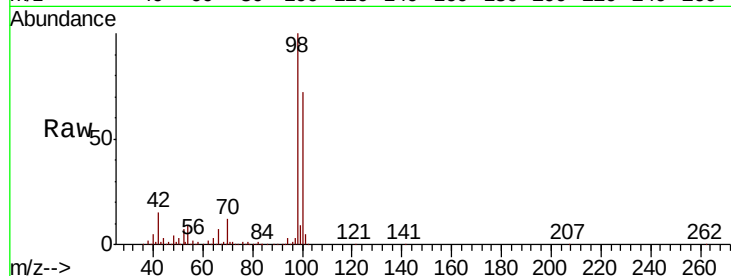
BES48_SB04_2.25-2.75

Tot Ion: 98 Resp: 512640

Ion Ratio Lower Upper

98 100

100 71.6 59.4 89.2



#52

Toluene

Concen: 1.048 ug/l

RT: 7.65 min Scan# 711

Delta R.T. 0.02 min

Lab File: VF060621.D

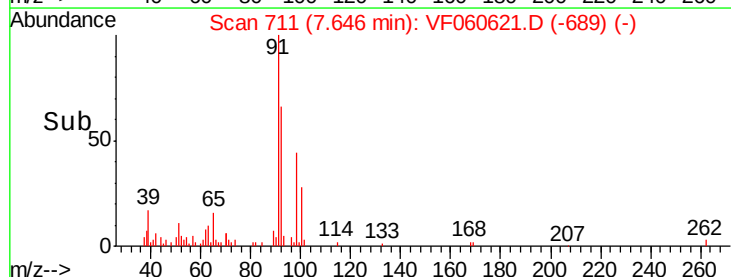
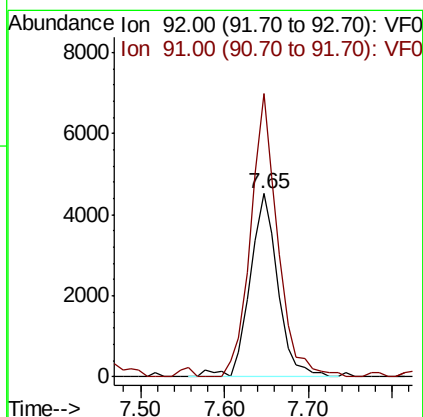
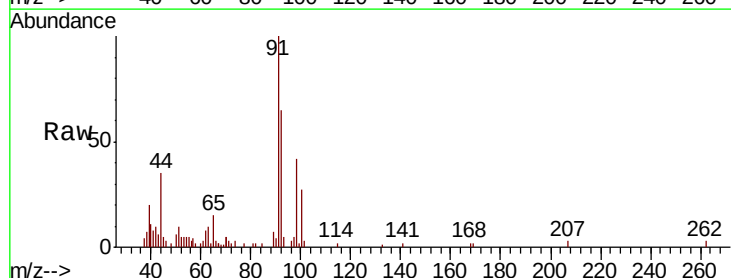
Acq: 6 Nov 2018 19:21

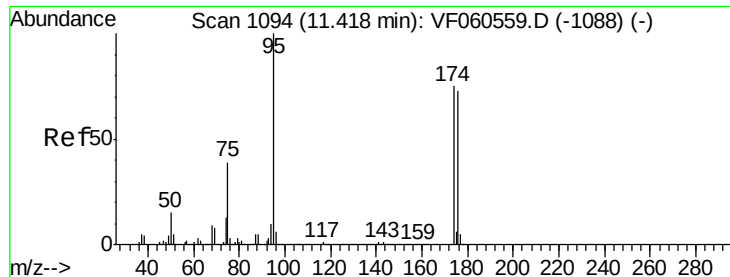
Tgt Ion: 92 Resp: 10522

Ion Ratio Lower Upper

92 100

91 154.5 124.5 186.7

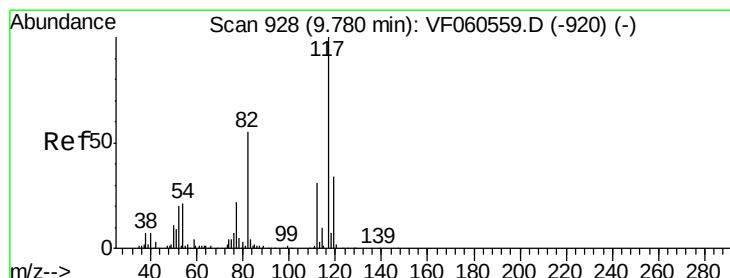
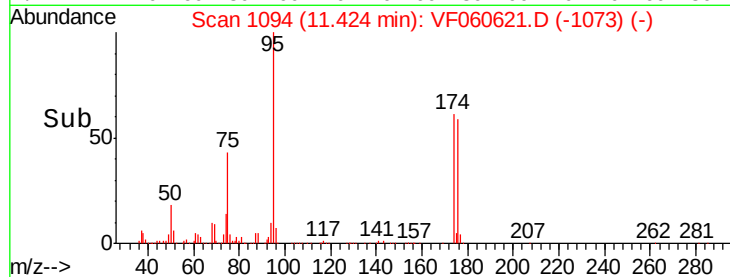
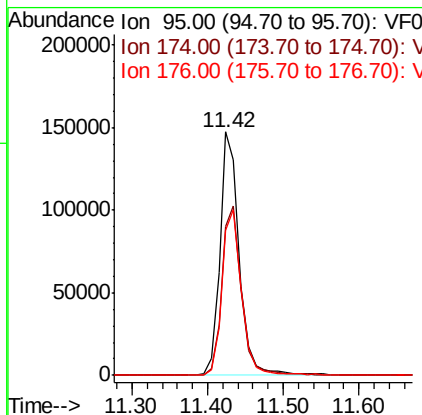
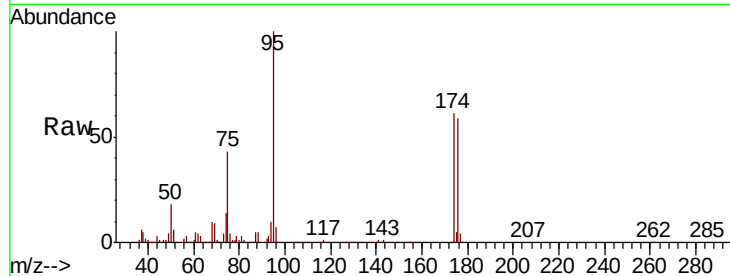




#62
4-Bromofluorobenzene
Concen: 45.510 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF060621.D
Acq: 6 Nov 2018 19:21

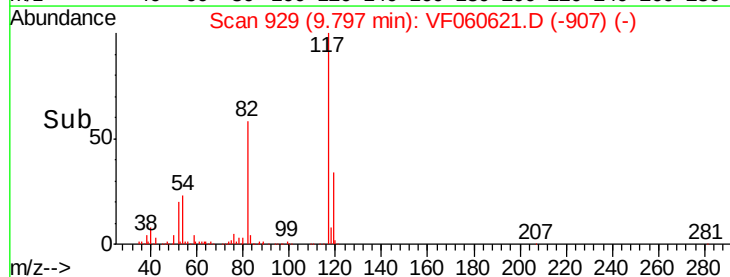
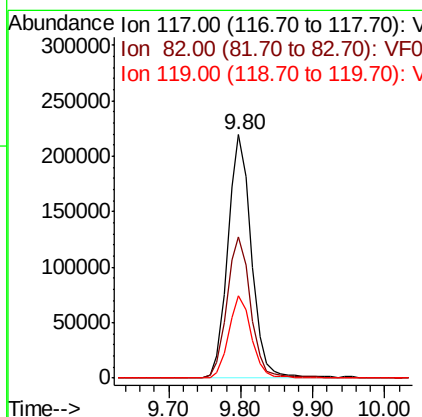
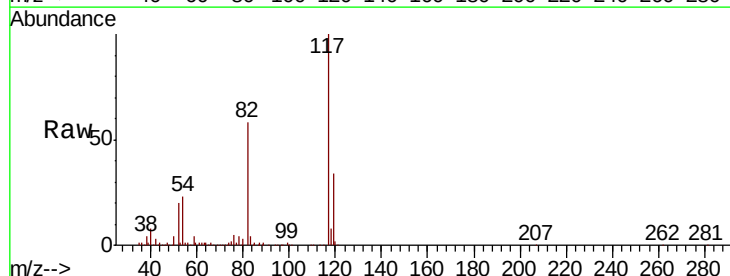
Instrument :
MSVOA_F
ClientSampleId :
BES48_SB04_2.25-2.75

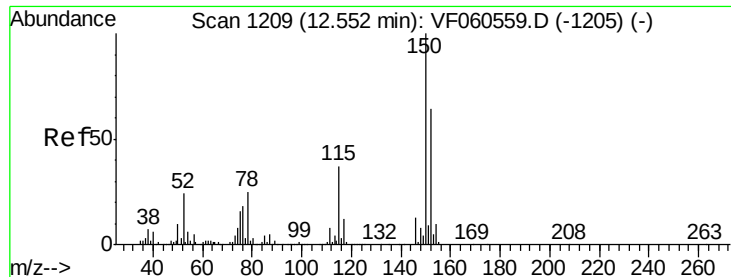
Tot Ion	95	Resp	262639
Ion Ratio	Lower	Upper	
95	100		
174	61.1	0.0	149.0
176	59.4	0.0	145.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF060621.D
Acq: 6 Nov 2018 19:21

Tgt Ion	117	Resp	501108
Ion Ratio	Lower	Upper	
117	100		
82	58.1	43.9	65.9
119	33.8	27.4	41.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.57 min Scan# 1210

Delta R.T. 0.02 min

Lab File: VF060621.D

Acq: 6 Nov 2018 19:21

Instrument :

MSVOA_F

ClientSampleId :

BES48_SB04_2.25-2.75

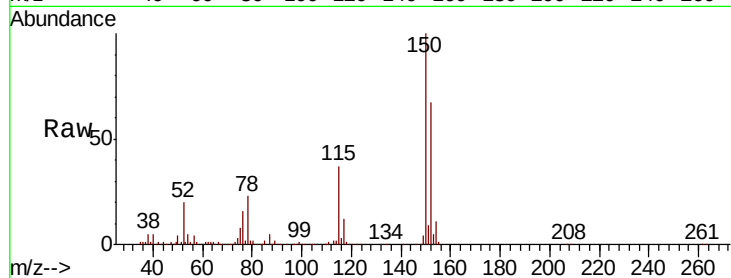
Tot Ion:152 Resp: 279920

Ion Ratio Lower Upper

152 100

115 54.8 29.6 88.8

150 149.0 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

