

Data File : VF060630.D
Acq On : 7 Nov 2018 15:48
Operator : VA/AP
Sample : J5819-06
Misc : 3.58g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
BES48_SB02_3.5-4

Quant Time: Nov 07 15:23:17 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

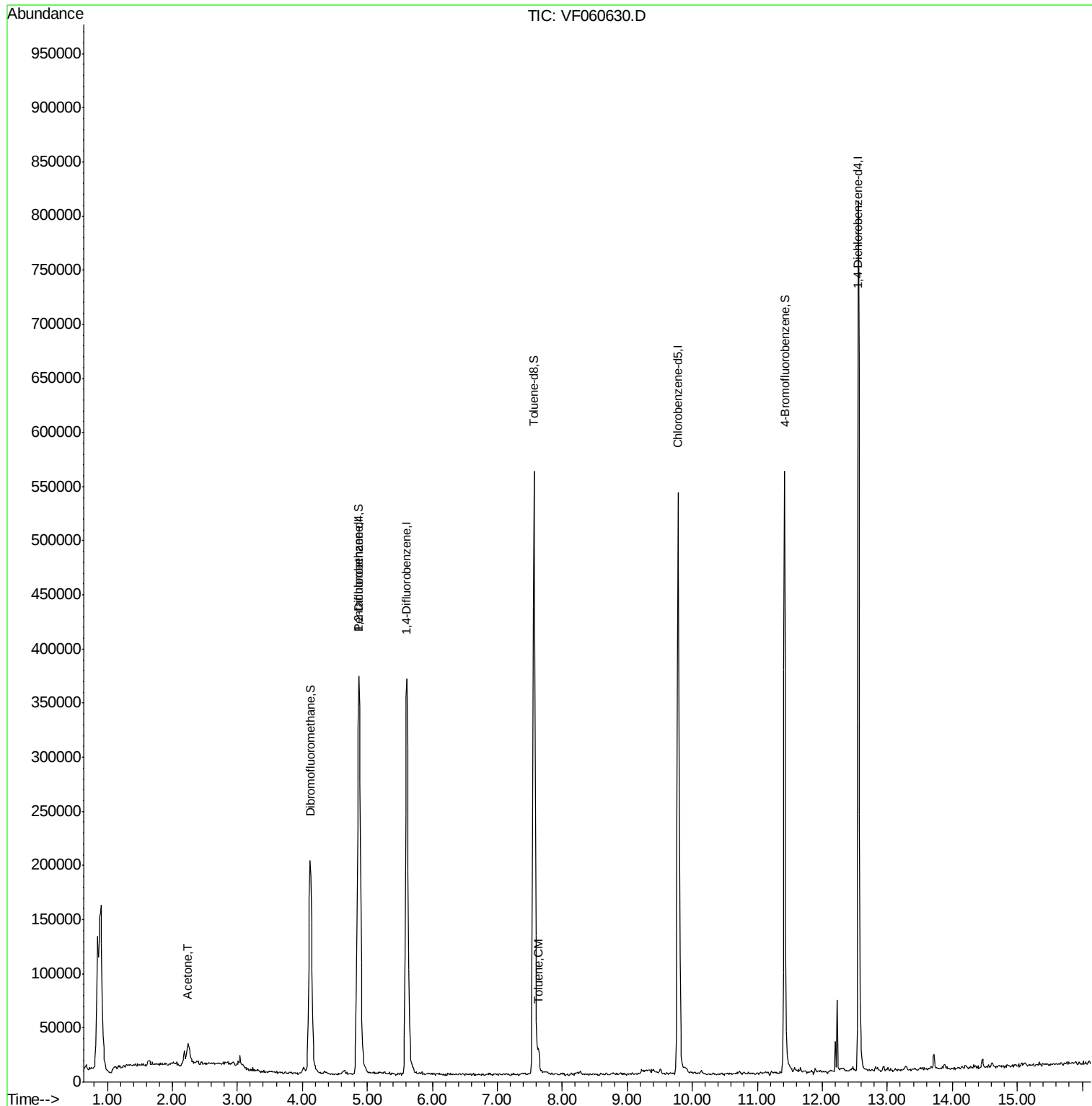
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	265533	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	452007	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	403192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	208678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	163947	61.11	ug/l	0.01
Spiked Amount 50.000			Recovery	=	122.22%	
35) Dibromofluoromethane	4.12	113	191195	54.75	ug/l	0.01
Spiked Amount 50.000			Recovery	=	109.50%	
50) Toluene-d8	7.56	98	482585	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
62) 4-Bromofluorobenzene	11.42	95	218853	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
Target Compounds						
16) Acetone	2.25	43	20676	32.705	ug/l	94
52) Toluene	7.64	92	9532	1.211	ug/l	89

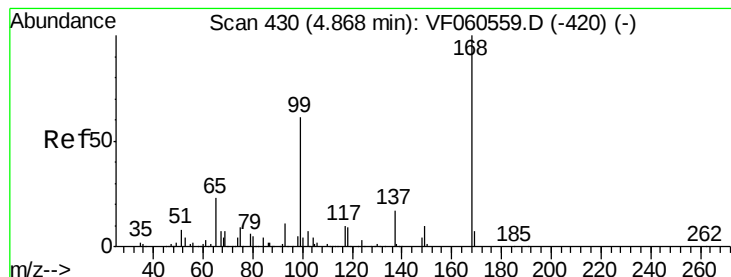
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

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MSVOA_F

ClientSampleId :

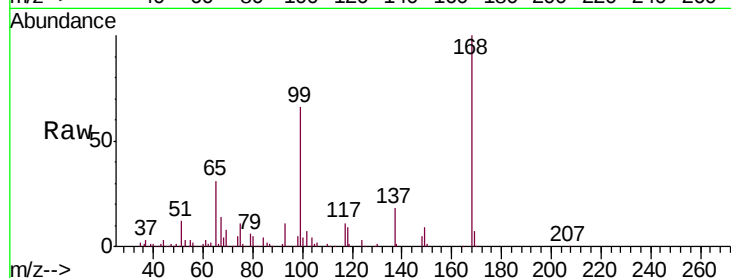
BES48_SB02_3.5-4

Tgt Ion:168 Resp: 265533

Ion Ratio Lower Upper

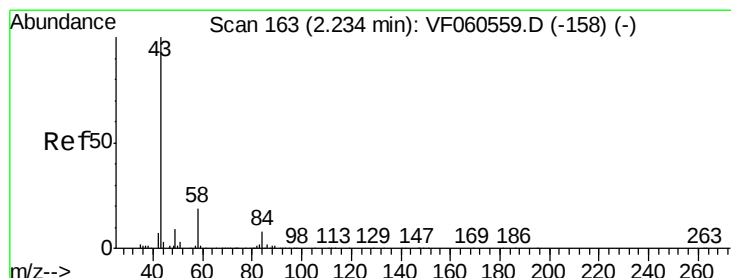
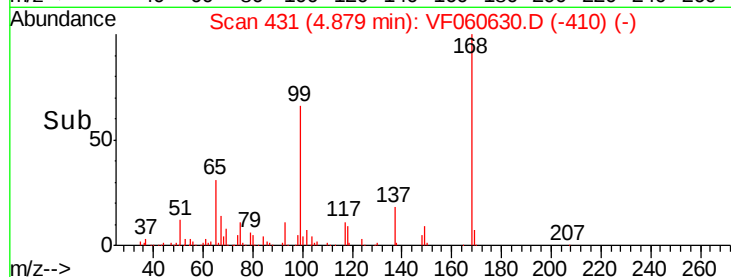
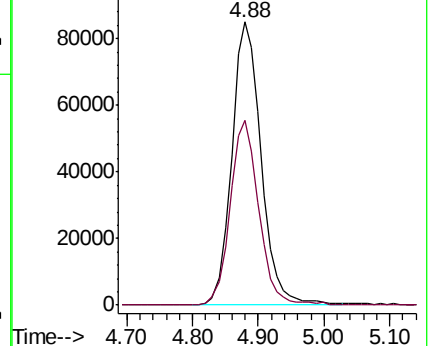
168 100

99 65.5 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 32.705 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF060630.D

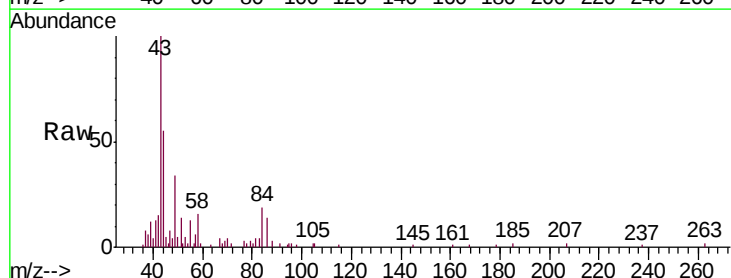
Acq: 7 Nov 2018 15:48

Tgt Ion: 43 Resp: 20676

Ion Ratio Lower Upper

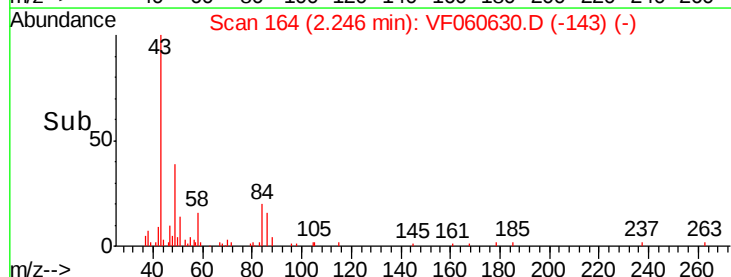
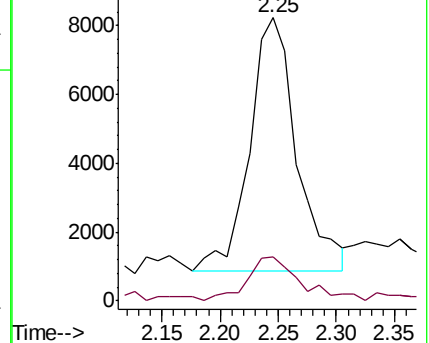
43 100

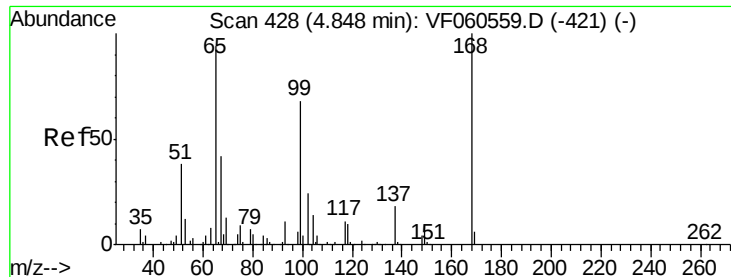
58 15.8 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 61.109 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.01 min

Lab File: VF060630.D

Acq: 7 Nov 2018 15:48

Instrument :

MSVOA_F

ClientSampleId :

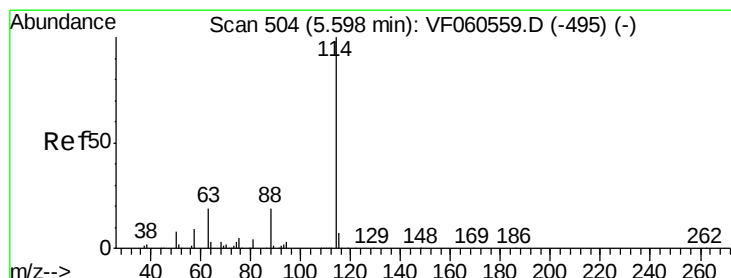
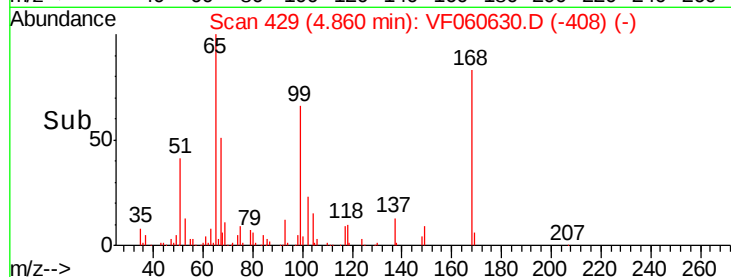
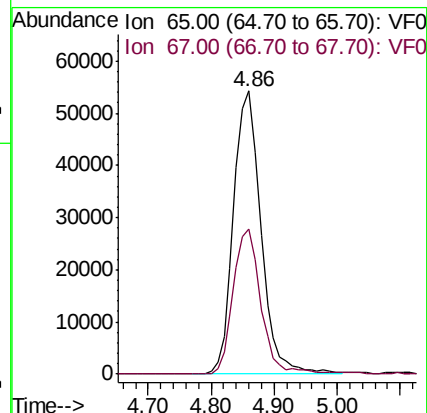
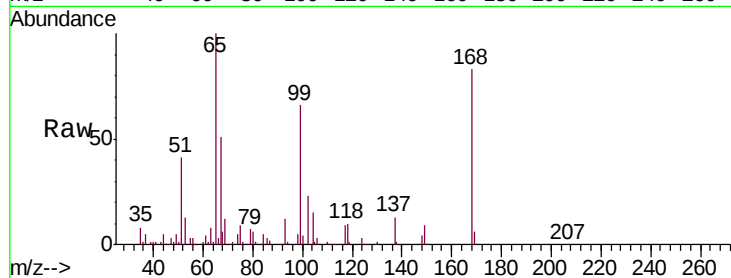
BES48_SB02_3.5-4

Tgt Ion: 65 Resp: 163947

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF060630.D

Acq: 7 Nov 2018 15:48

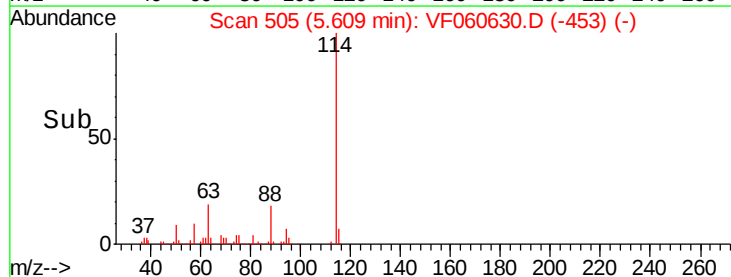
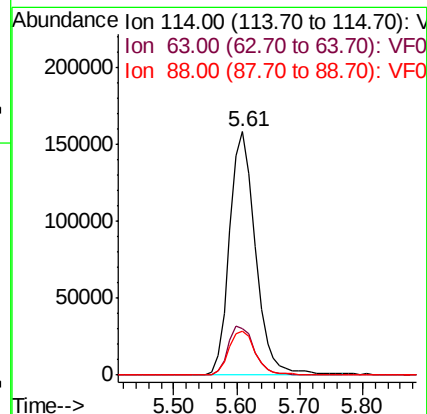
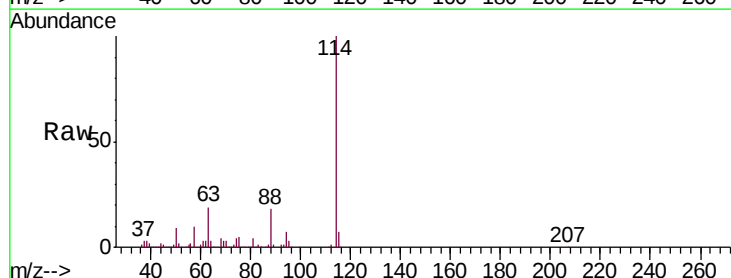
Tgt Ion: 114 Resp: 452007

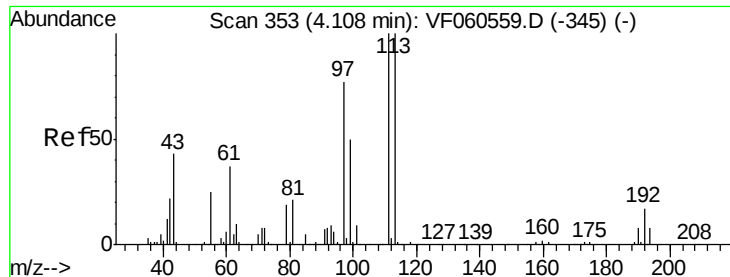
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.0

88 17.9 0.0 38.2

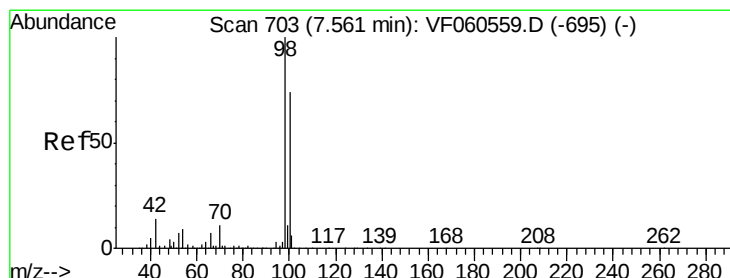
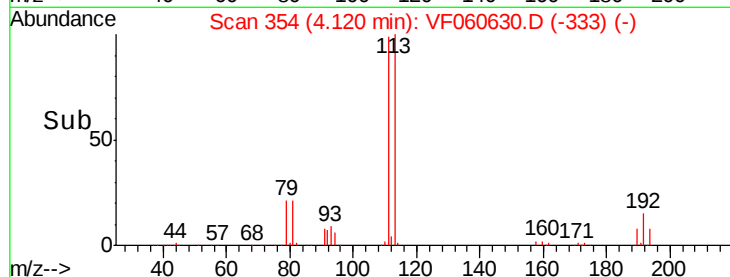
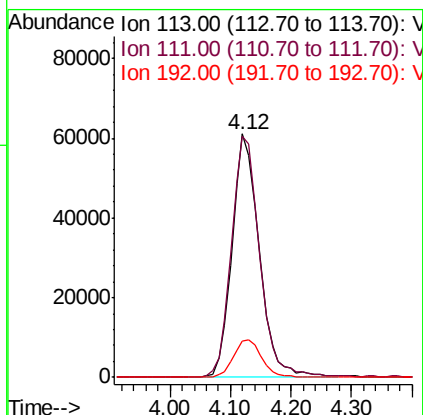
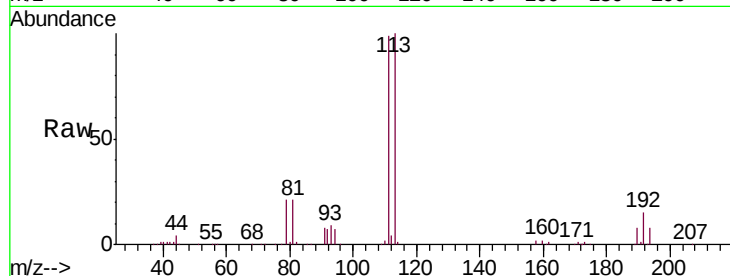




#35
Dibromofluoromethane
Concen: 54.749 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF060630.D
Acq: 7 Nov 2018 15:48

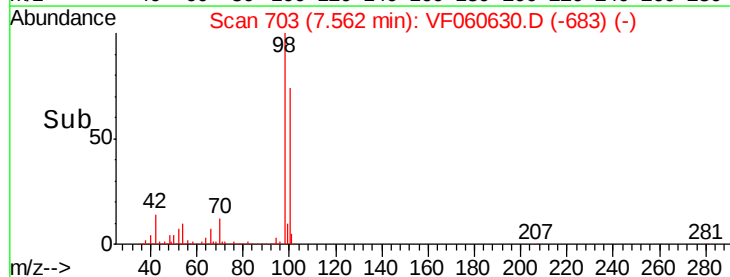
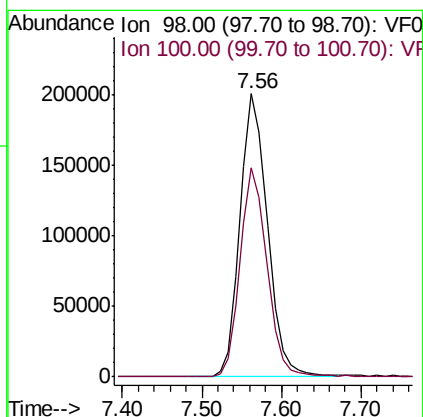
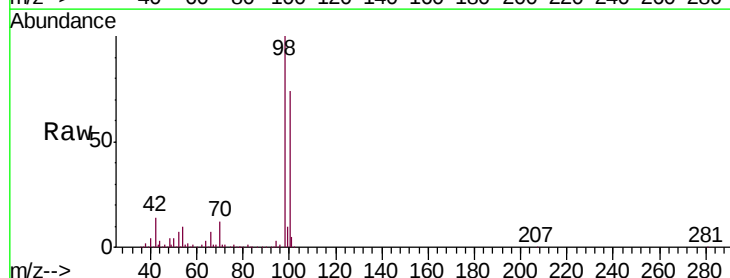
Instrument :
MSVOA_F
ClientSampleId :
BES48_SB02_3.5-4

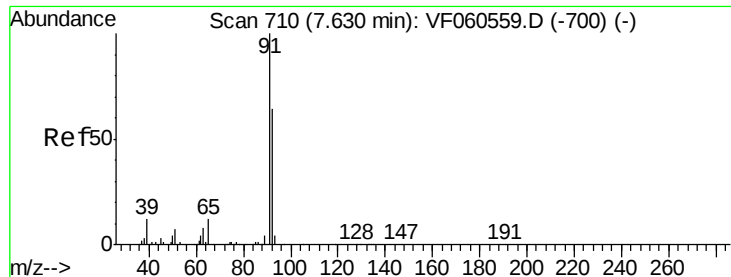
Tgt Ion:113 Resp: 191195
Ion Ratio Lower Upper
113 100
111 99.1 79.9 119.9
192 15.1 13.3 19.9



#50
Toluene-d8
Concen: 46.649 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060630.D
Acq: 7 Nov 2018 15:48

Tgt Ion: 98 Resp: 482585
Ion Ratio Lower Upper
98 100
100 73.7 59.4 89.2





#52

Toluene

Concen: 1.211 ug/l

RT: 7.64 min Scan# 711

Delta R.T. 0.01 min

Lab File: VF060630.D

Acq: 7 Nov 2018 15:48

Instrument :

MSVOA_F

ClientSampleId :

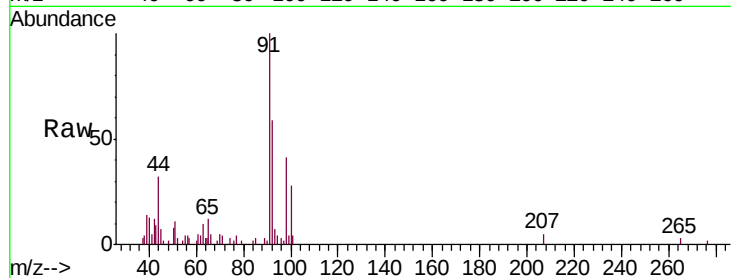
BES48_SB02_3.5-4

Tgt Ion: 92 Resp: 9532

Ion Ratio Lower Upper

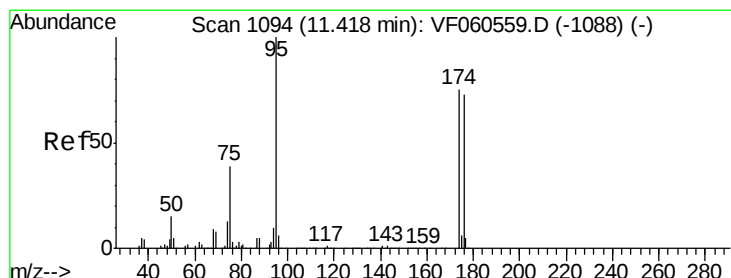
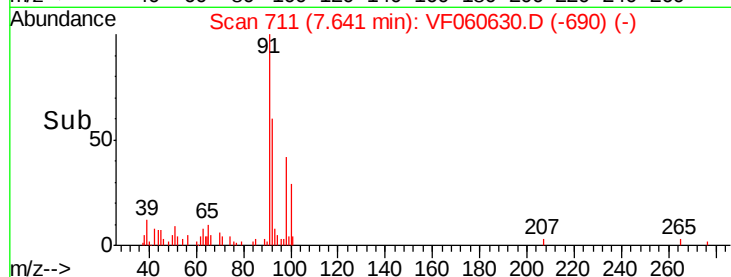
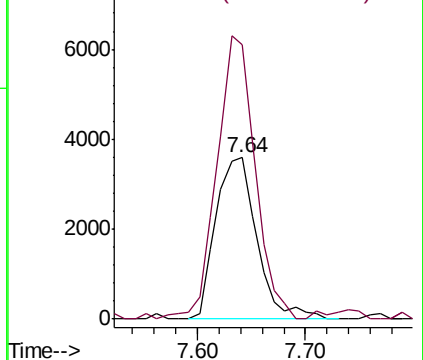
92 100

91 169.8 124.5 186.7



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 48.365 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF060630.D

Acq: 7 Nov 2018 15:48

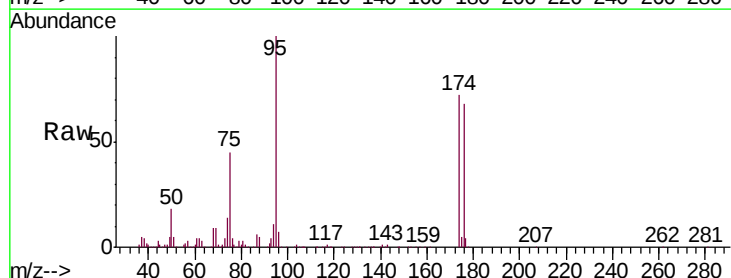
Tgt Ion: 95 Resp: 218853

Ion Ratio Lower Upper

95 100

174 71.6 0.0 149.0

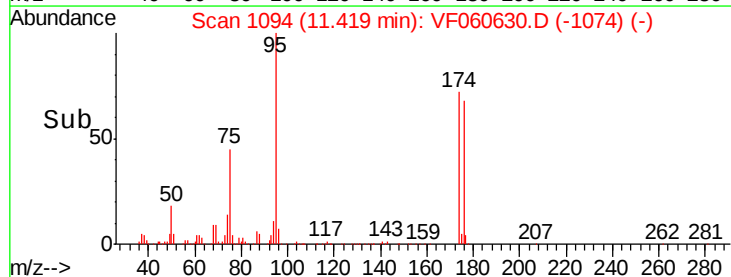
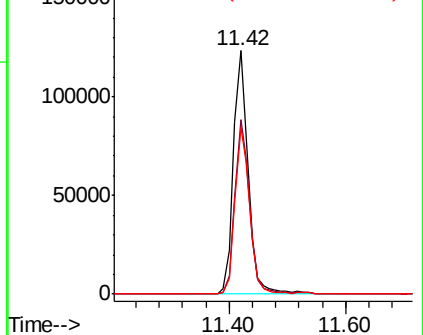
176 68.3 0.0 145.6

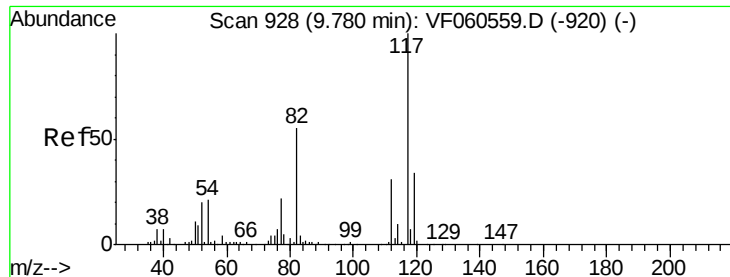


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

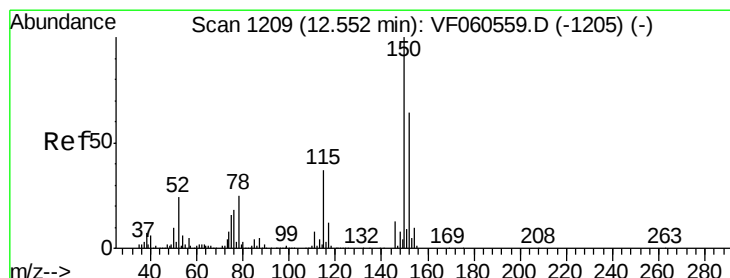
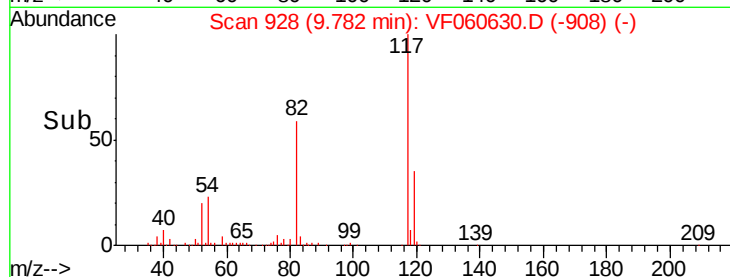
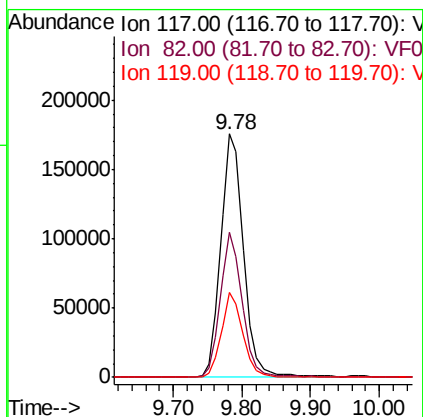
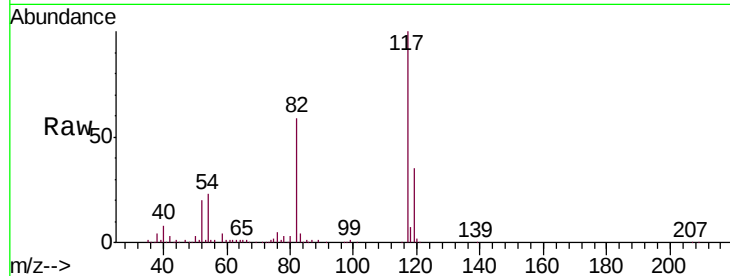




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060630.D
Acq: 7 Nov 2018 15:48

Instrument :
MSVOA_F
ClientSampleId :
BES48_SB02_3.5-4

Tgt Ion:117 Resp: 403192
Ion Ratio Lower Upper
117 100
82 59.3 43.9 65.9
119 34.8 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060630.D
Acq: 7 Nov 2018 15:48

Tgt Ion:152 Resp: 208678
Ion Ratio Lower Upper
152 100
115 61.9 29.6 88.8
150 157.9 0.0 315.6

