

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006739.D
 Acq On : 07 Nov 2018 16:33
 Operator : SY/AP
 Sample : J5819-05RE
 Misc : 3.34G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BES48_SB02_1.5-2RE

Quant Time: Nov 09 10:01:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

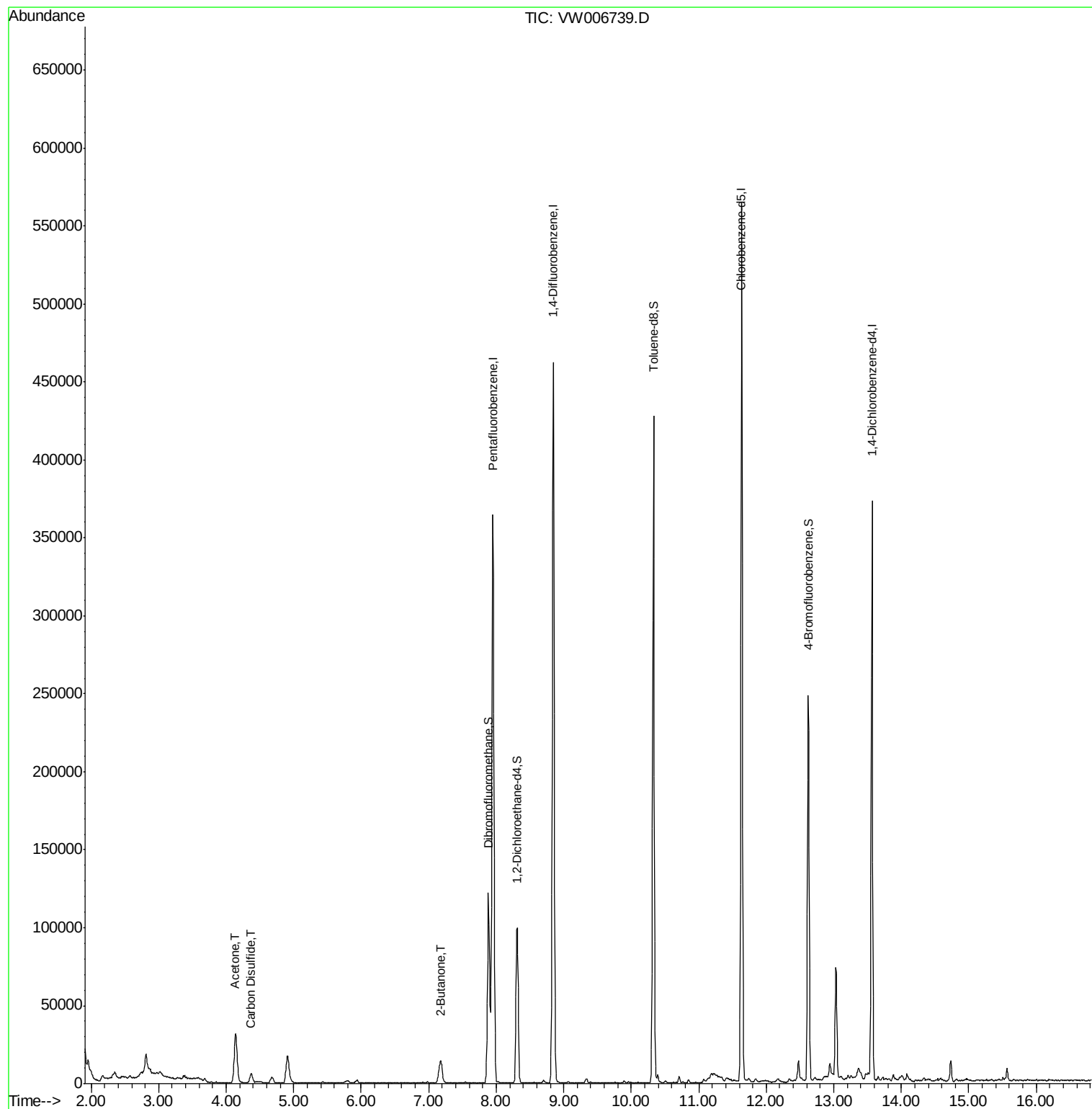
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	302338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	423005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	81140	31.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.44%	
35) Dibromofluoromethane	7.88	113	86484	32.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.16%	
50) Toluene-d8	10.33	98	297222	29.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.82%	
62) 4-Bromofluorobenzene	12.62	95	75075	20.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.98%	
Target Compounds						
16) Acetone	4.14	43	61699	147.047	ug/l	100
17) Carbon Disulfide	4.37	76	13437	1.915	ug/l	100
25) 2-Butanone	7.18	43	18424	30.772	ug/l	90

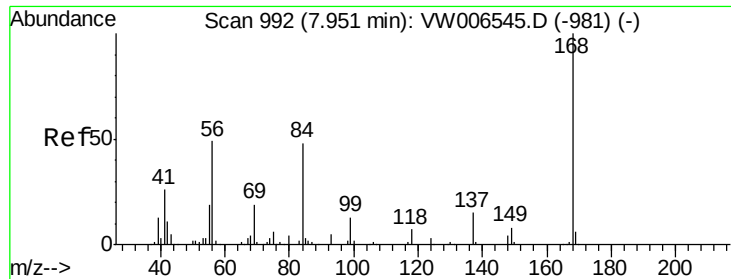
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

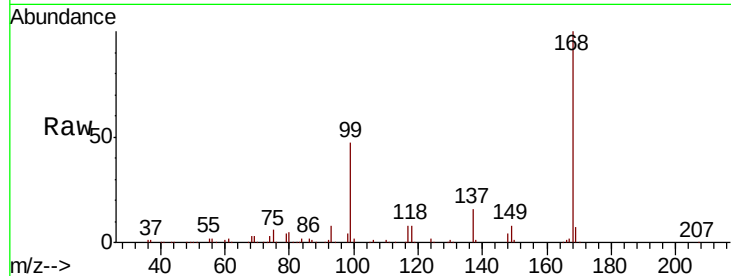
BES48_SB02_1.5-2RE

Tot Ion:168 Resp: 302338

Ion Ratio Lower Upper

168 100

99 47.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

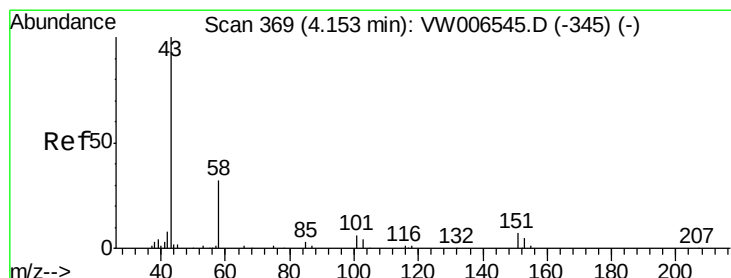
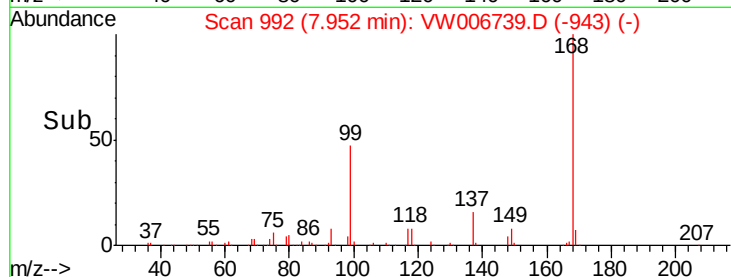
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 147.047 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006739.D

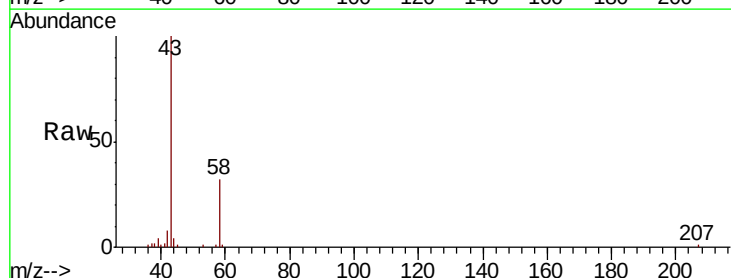
Acq: 07 Nov 2018 16:33

Tgt Ion: 43 Resp: 61699

Ion Ratio Lower Upper

43 100

58 32.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

20000

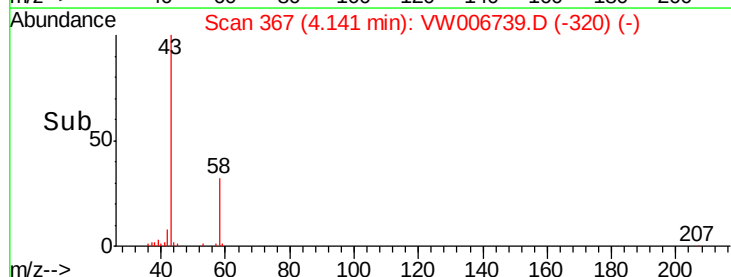
15000

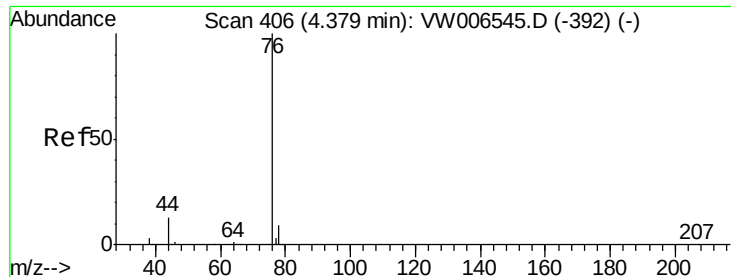
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 1.915 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006739.D

Acq: 07 Nov 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

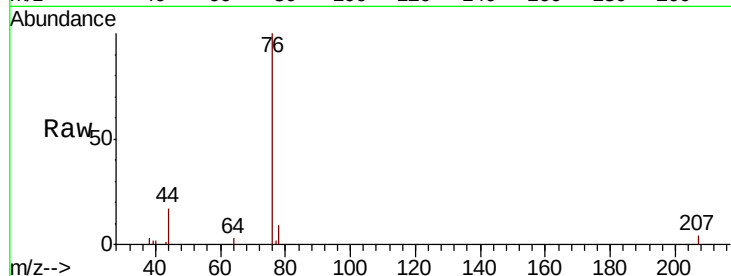
BES48_SB02_1.5-2RE

Tot Ion: 76 Resp: 13437

Ion Ratio Lower Upper

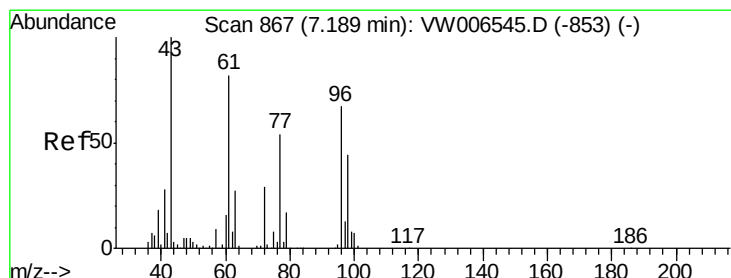
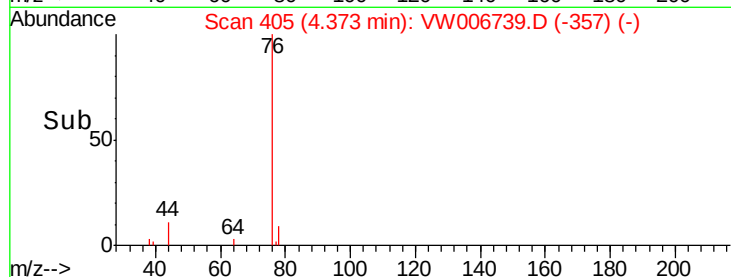
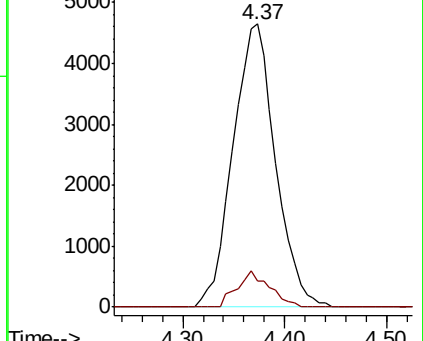
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 30.772 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006739.D

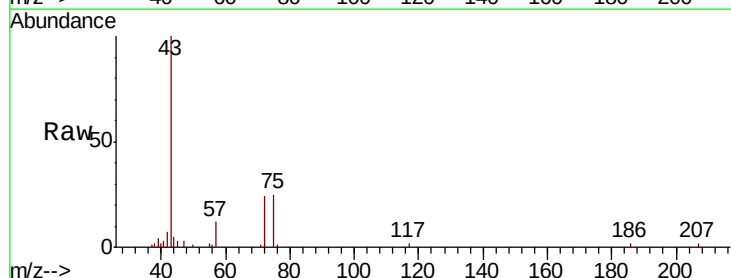
Acq: 07 Nov 2018 16:33

Tgt Ion: 43 Resp: 18424

Ion Ratio Lower Upper

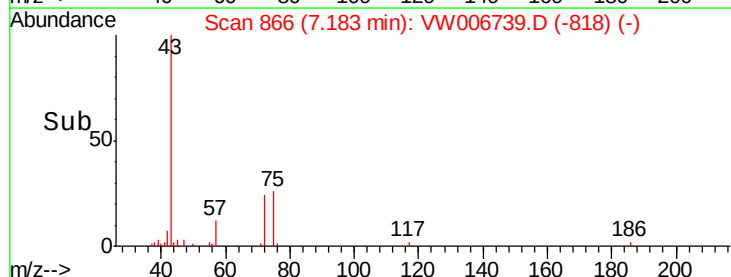
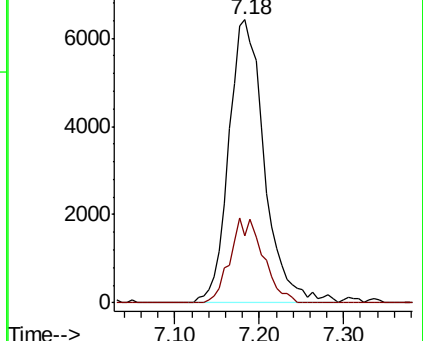
43 100

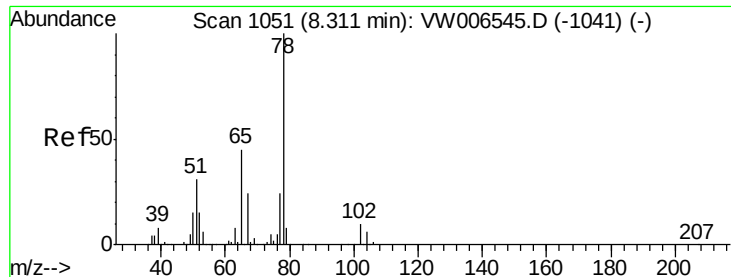
72 23.9 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

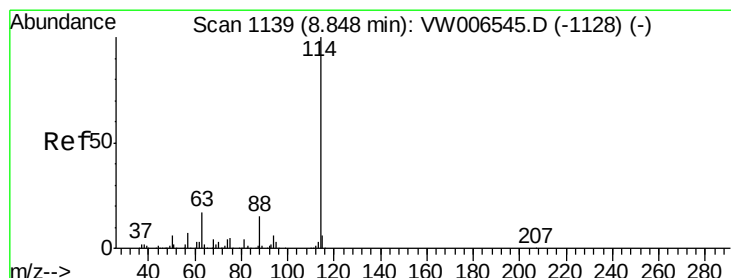
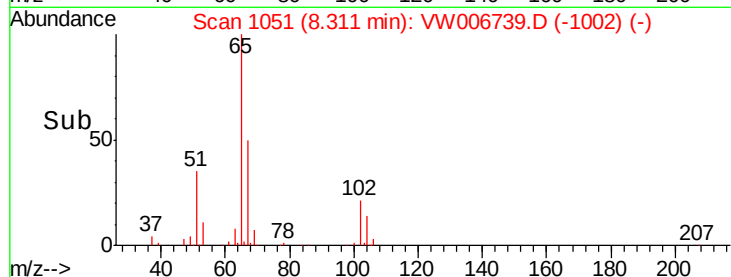
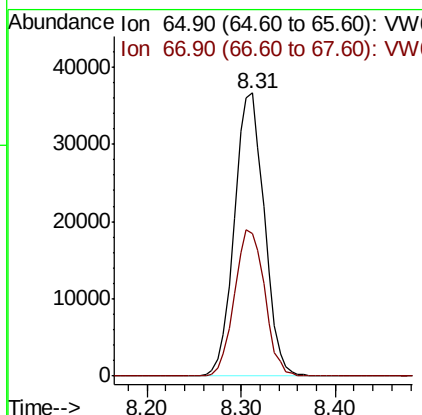
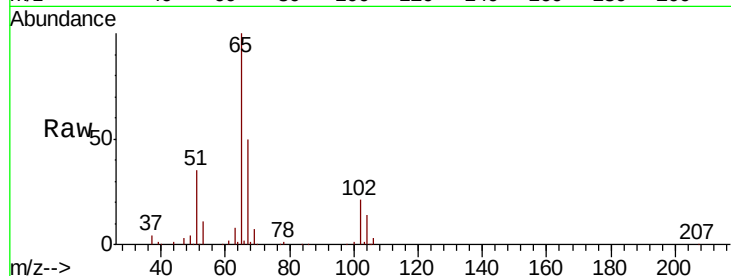




#33
 1,2-Dichloroethane-d4
 Concen: 31.221 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006739.D
 Acq: 07 Nov 2018 16:33

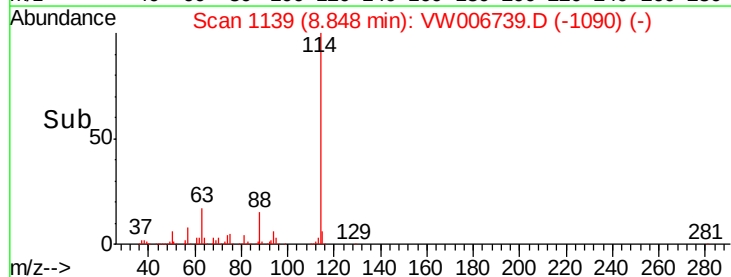
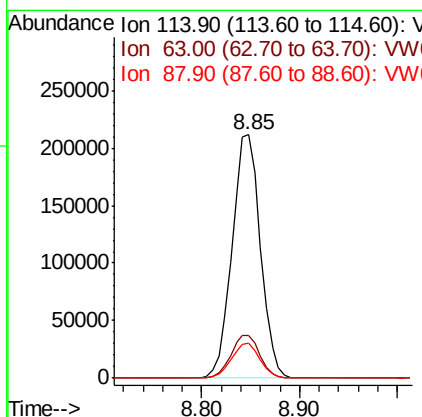
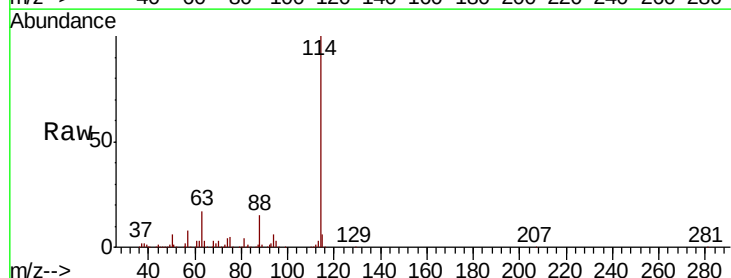
Instrument :
 MSVOA_W
 ClientSampleId :
 BES48_SB02_1.5-2RE

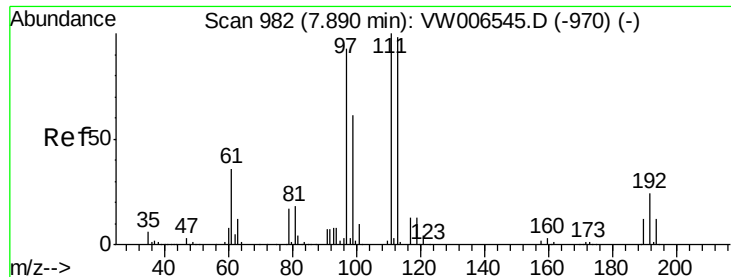
Tot Ion: 65 Resp: 81140
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006739.D
 Acq: 07 Nov 2018 16:33

Tgt Ion: 114 Resp: 423005
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.4
 88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 32.578 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006739.D

Acq: 07 Nov 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

BES48_SB02_1.5-2RE

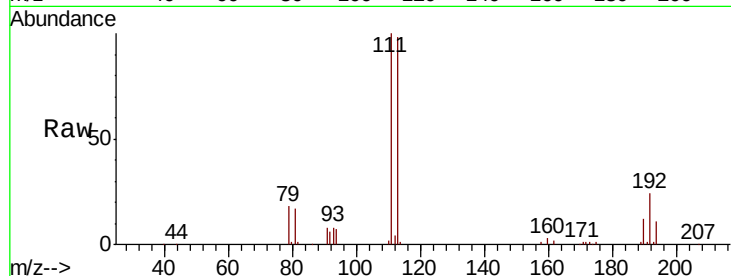
Tot Ion:113 Resp: 86484

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

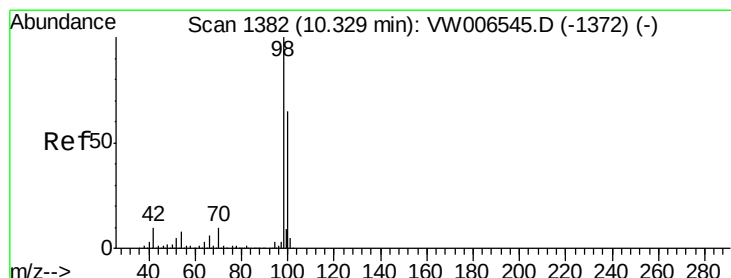
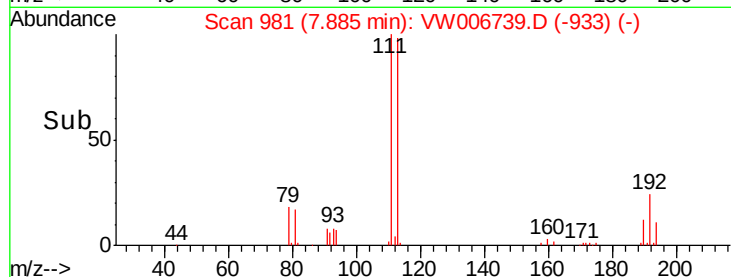
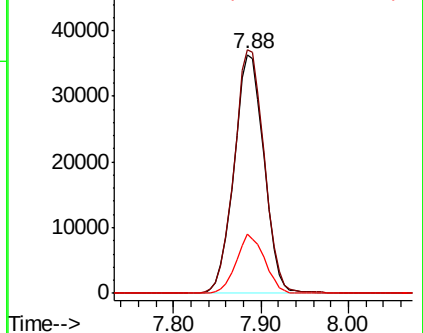
192 23.4 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 29.411 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006739.D

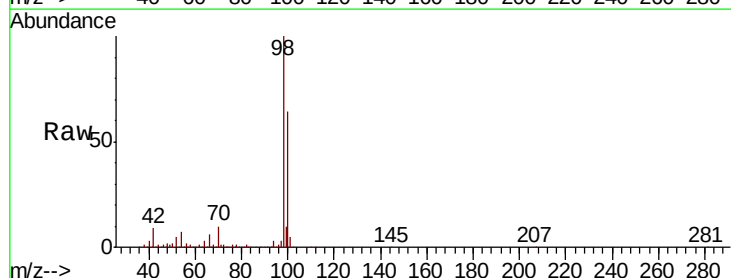
Acq: 07 Nov 2018 16:33

Tgt Ion: 98 Resp: 297222

Ion Ratio Lower Upper

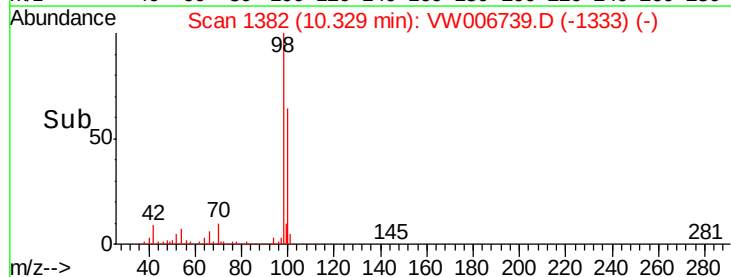
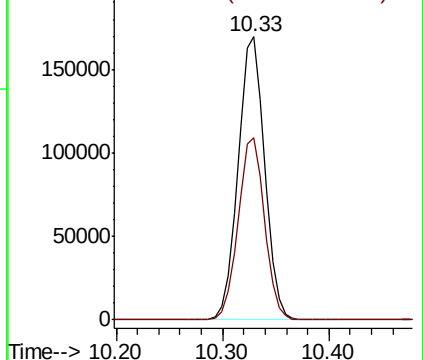
98 100

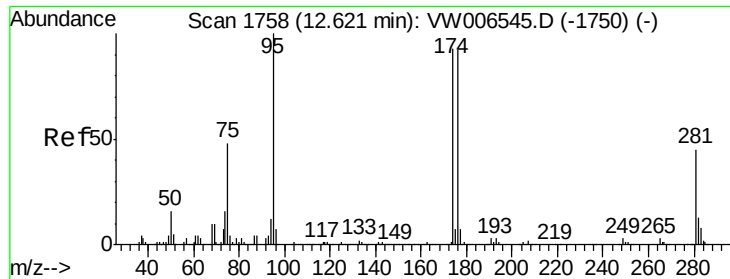
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 20.491 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006739.D

Acq: 07 Nov 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

BES48_SB02_1.5-2RE

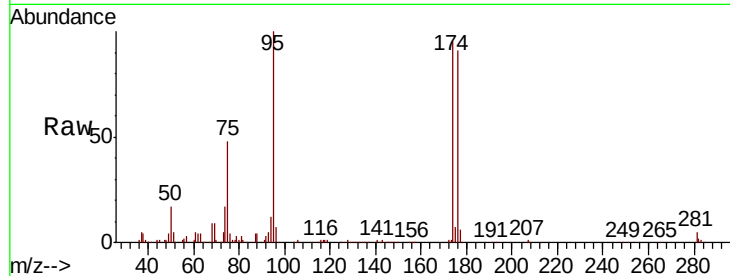
Tot Ion: 95 Resp: 75075

Ion Ratio Lower Upper

95 100

174 98.7 0.0 192.4

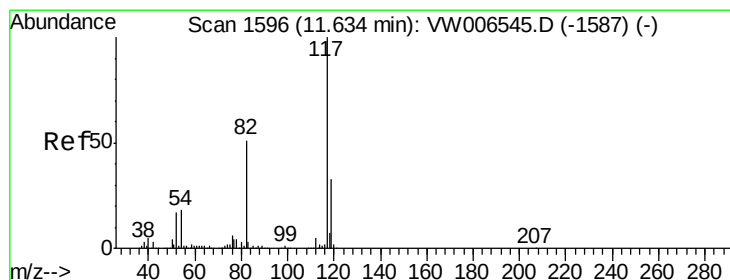
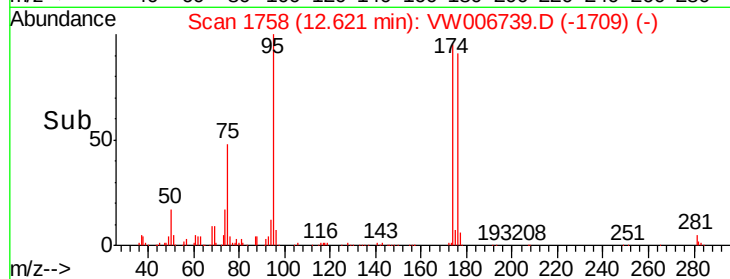
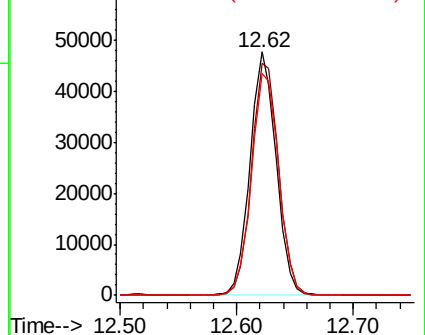
176 94.7 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006739.D

Acq: 07 Nov 2018 16:33

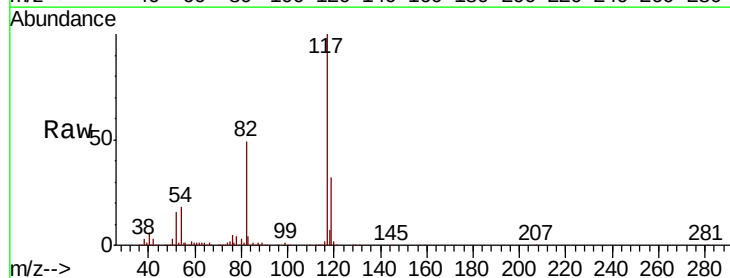
Tgt Ion: 117 Resp: 331448

Ion Ratio Lower Upper

117 100

82 49.5 40.8 61.2

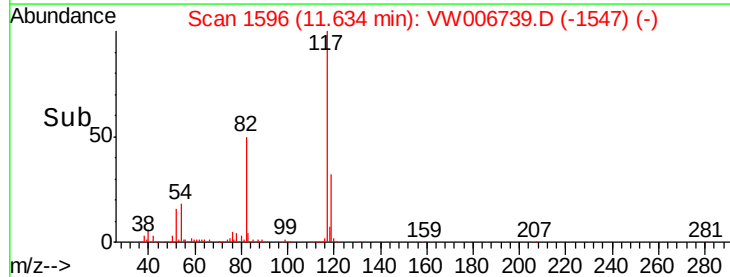
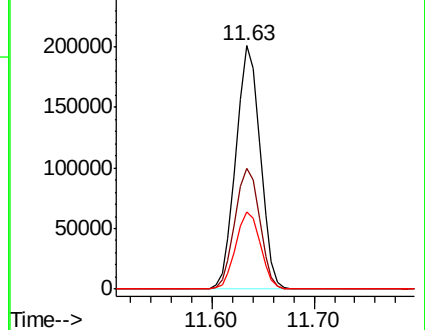
119 31.6 26.1 39.1

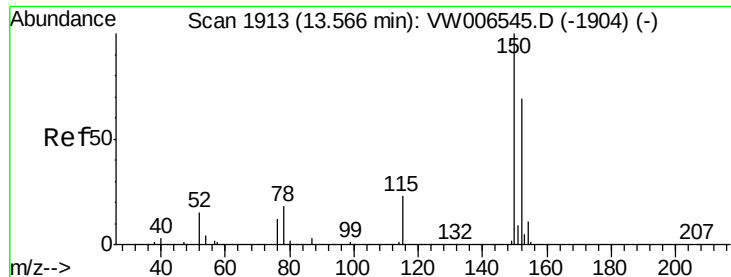


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006739.D

Acq: 07 Nov 2018 16:33

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ClientSampleId :

BES48_SB02_1.5-2RE

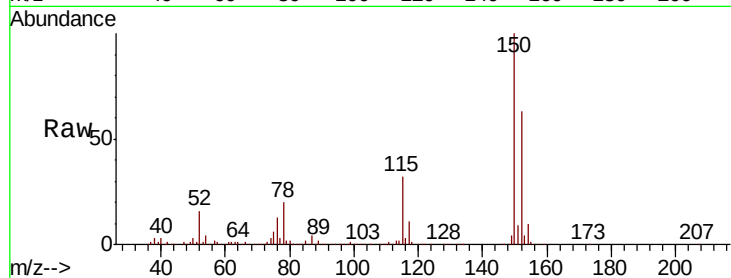
Tot Ion:152 Resp: 107531

Ion Ratio Lower Upper

152 100

115 53.6 26.6 79.8

150 155.7 0.0 344.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

