

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006741.D
 Acq On : 07 Nov 2018 17:24
 Operator : SY/AP
 Sample : J5819-07
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BES48_SB03_1.5-2

Quant Time: Nov 09 10:14:48 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

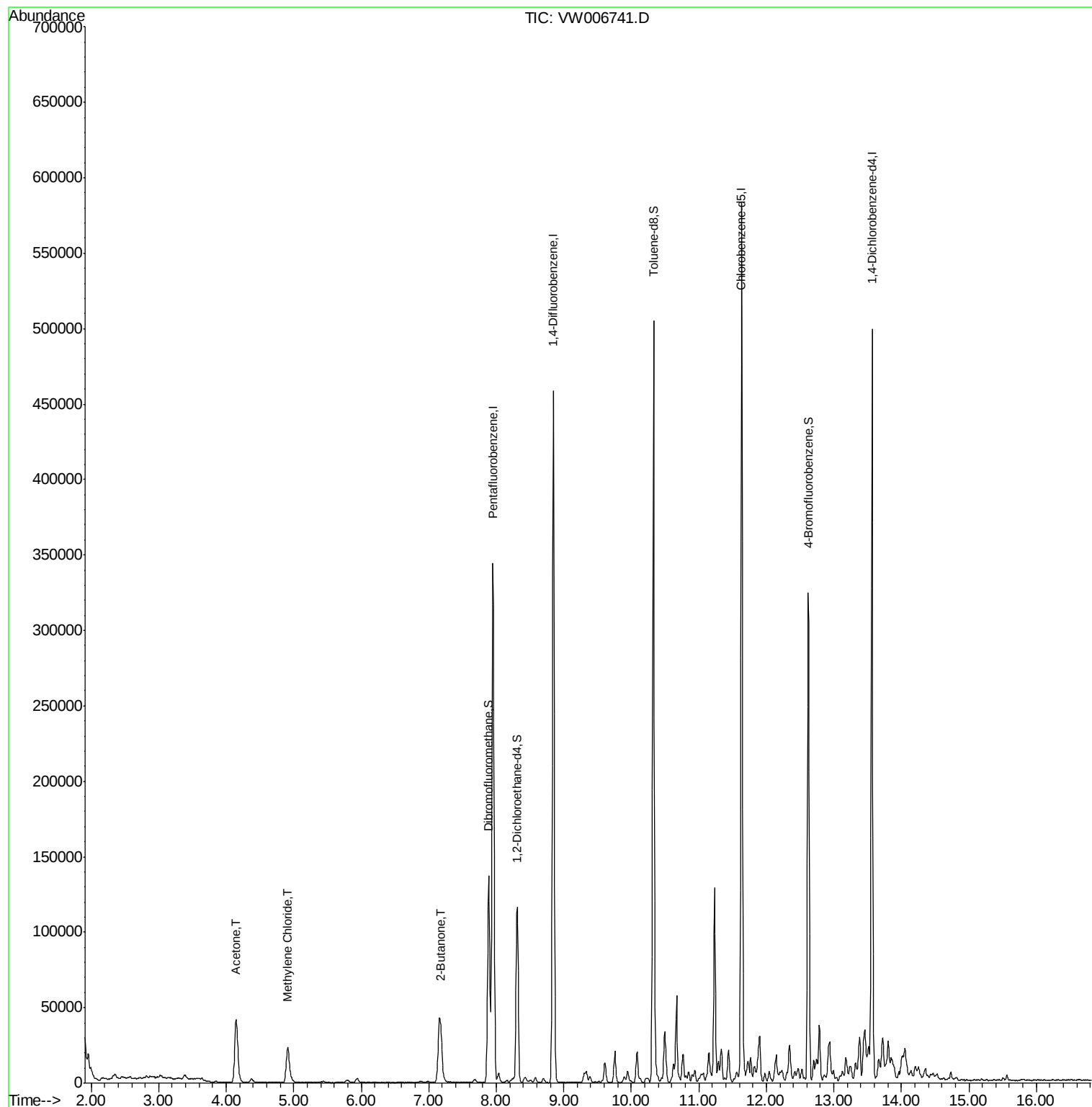
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	284703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	410523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	346941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	137784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	93006	38.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.00%	
35) Dibromofluoromethane	7.89	113	97439	37.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.64%	
50) Toluene-d8	10.33	98	340077	34.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.34%	
62) 4-Bromofluorobenzene	12.62	95	97591	27.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.90%	
Target Compounds						
16) Acetone	4.15	43	87058	220.337	ug/l	98
20) Methylene Chloride	4.91	84	20138	2.148	ug/l	99
25) 2-Butanone	7.18	43	30616	54.302	ug/l	93

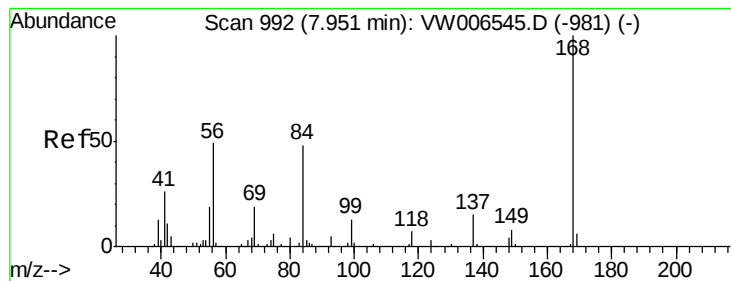
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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ClientSampleId :

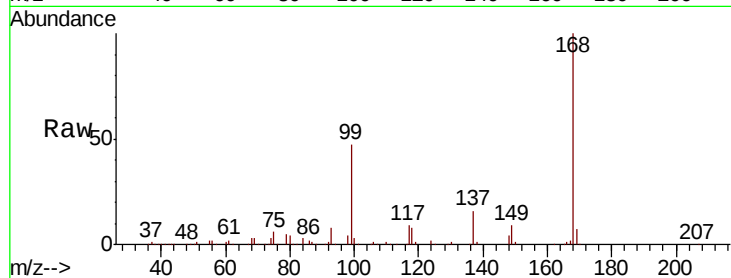
BES48_SB03_1.5-2

Tot Ion:168 Resp: 284703

Ion Ratio Lower Upper

168 100

99 47.3 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

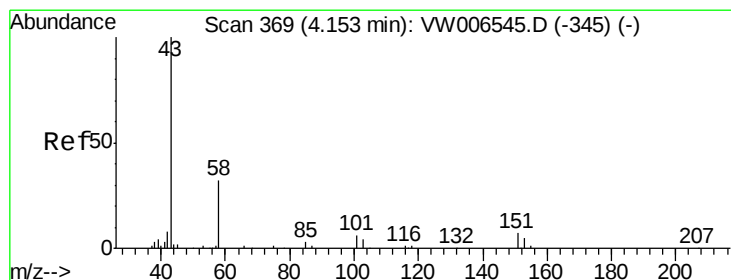
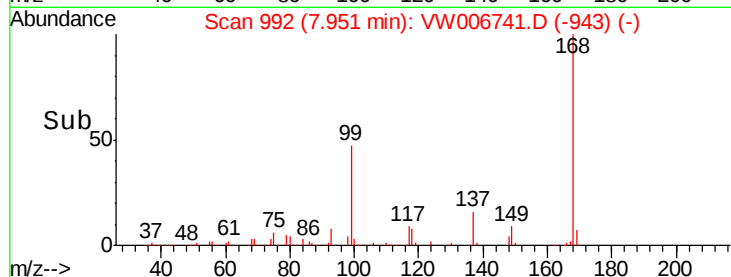
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 220.337 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006741.D

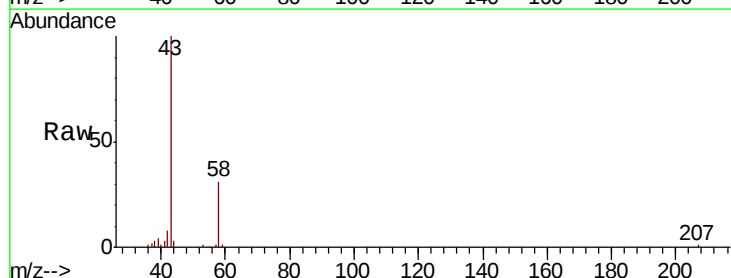
Acq: 07 Nov 2018 17:24

Tgt Ion: 43 Resp: 87058

Ion Ratio Lower Upper

43 100

58 31.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

30000

25000

20000

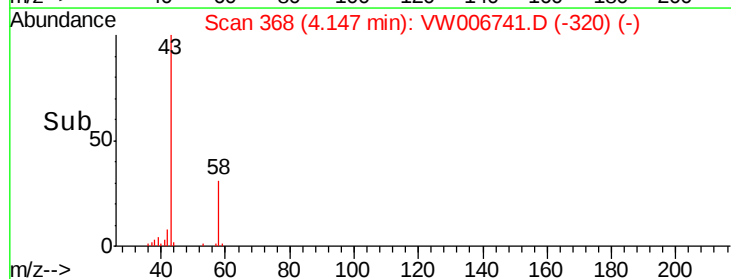
15000

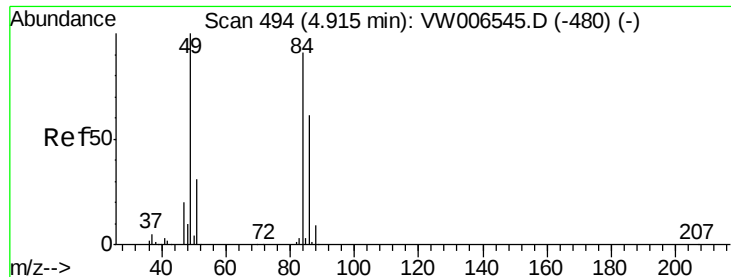
10000

5000

0

Time-->





#20

Methvlene Chloride

Concen: 2.148 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006741.D

Acq: 07 Nov 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

BES48_SB03_1.5-2

Tot Ion: 84 Resp: 20138

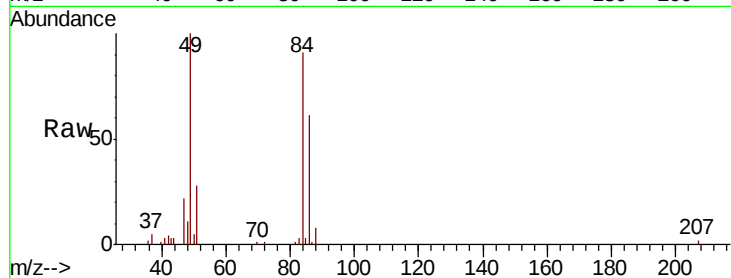
Ion Ratio Lower Upper

84 100

49 109.9 88.2 132.4

51 31.2 27.0 40.6

86 66.8 53.8 80.8



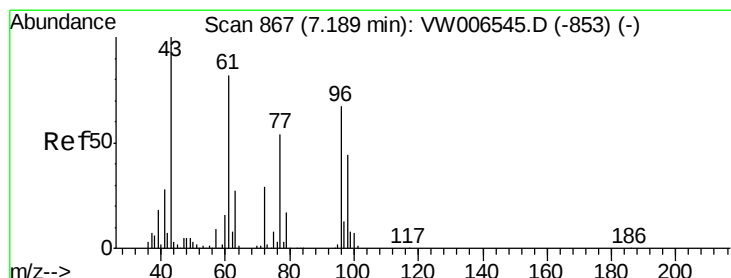
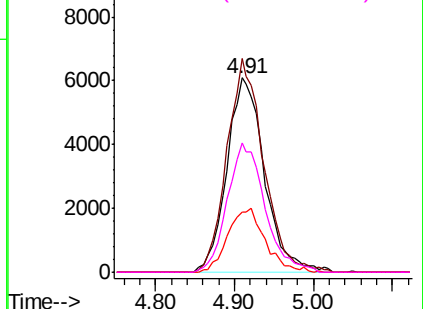
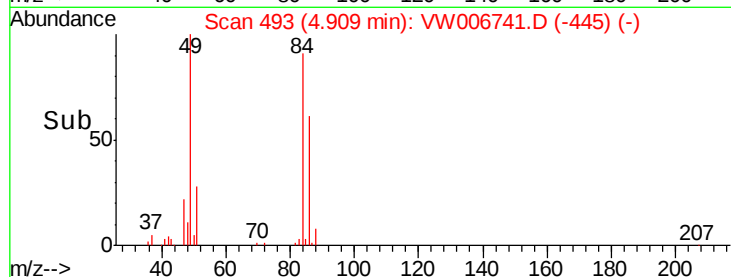
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 54.302 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006741.D

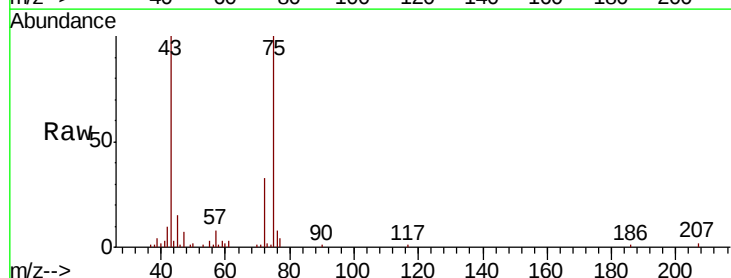
Acq: 07 Nov 2018 17:24

Tgt Ion: 43 Resp: 30616

Ion Ratio Lower Upper

43 100

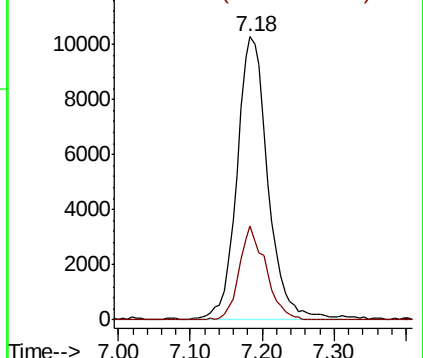
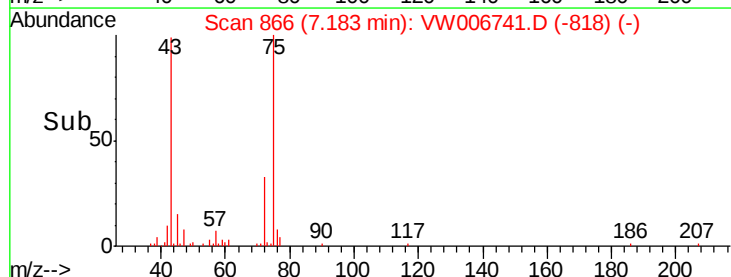
72 33.0 23.2 34.8

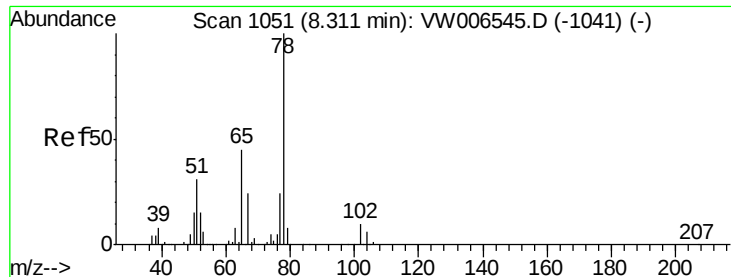


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

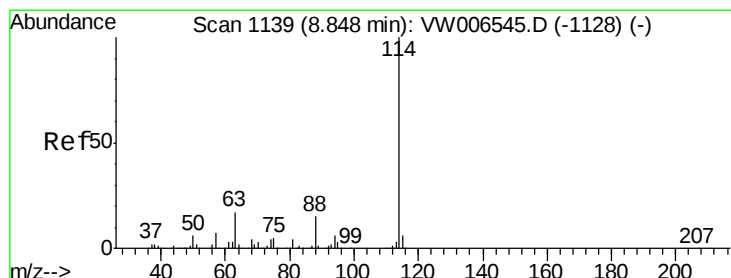
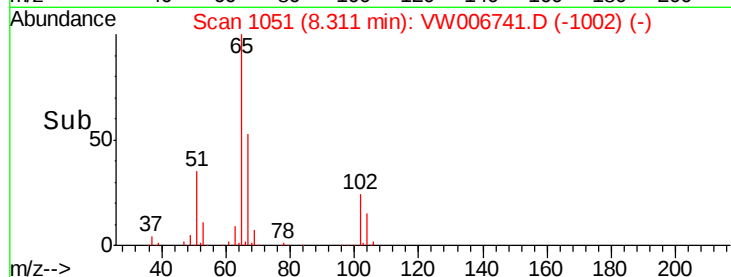
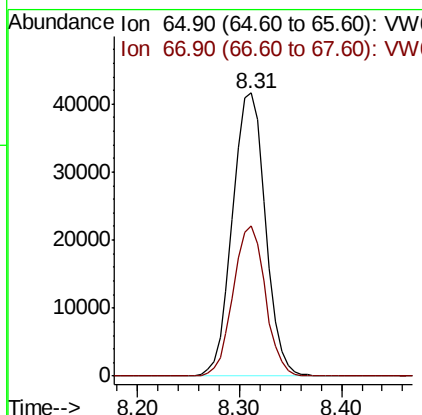
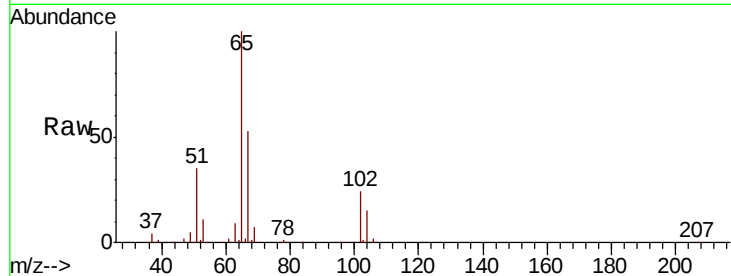




#33
 1,2-Dichloroethane-d4
 Concen: 38.004 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006741.D
 Acq: 07 Nov 2018 17:24

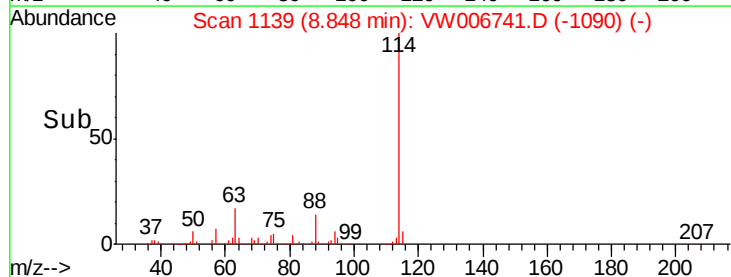
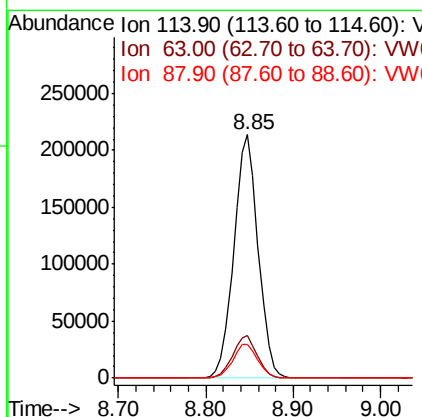
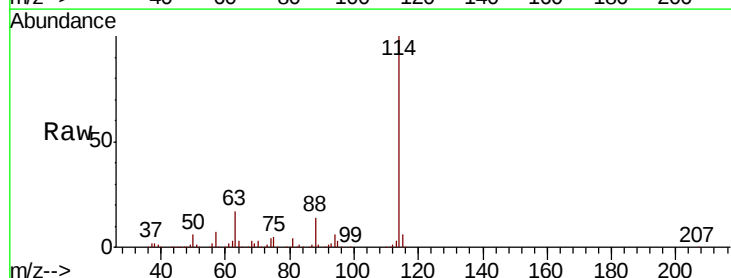
Instrument :
 MSVOA_W
 ClientSampleId :
 BES48_SB03_1.5-2

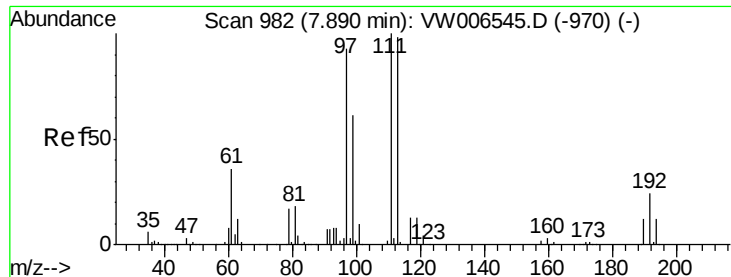
Tot Ion: 65 Resp: 93006
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006741.D
 Acq: 07 Nov 2018 17:24

Tgt Ion: 114 Resp: 410523
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.4
 88 13.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 37.820 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006741.D

Acq: 07 Nov 2018 17:24

Instrument :
MSVOA_W
ClientSampleId :
BES48_SB03_1.5-2

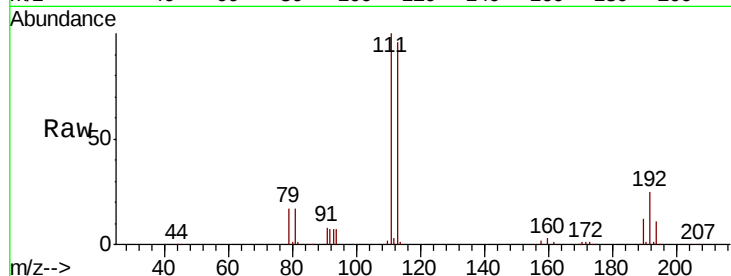
Tot Ion:113 Resp: 97439

Ion Ratio Lower Upper

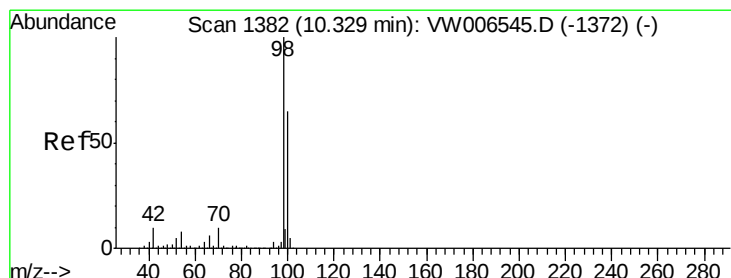
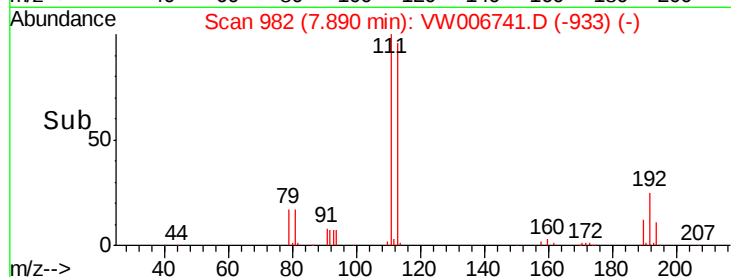
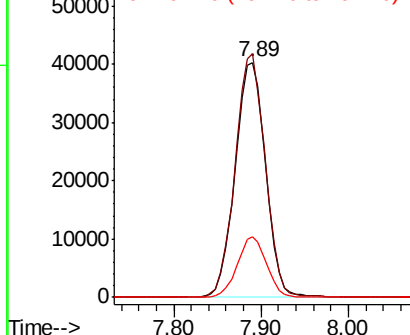
113 100

111 102.3 82.2 123.2

192 24.4 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: 34.674 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006741.D

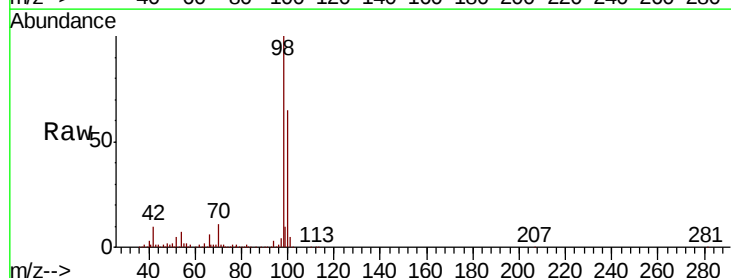
Acq: 07 Nov 2018 17:24

Tgt Ion: 98 Resp: 340077

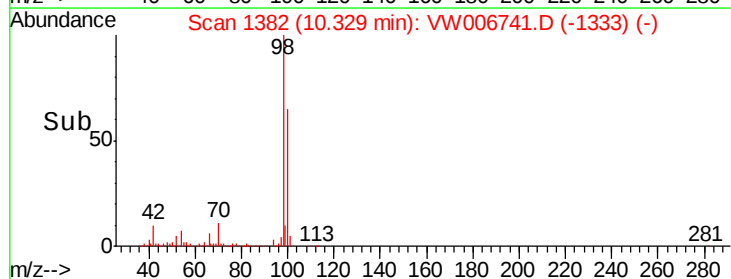
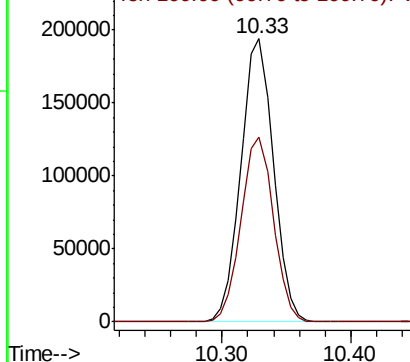
Ion Ratio Lower Upper

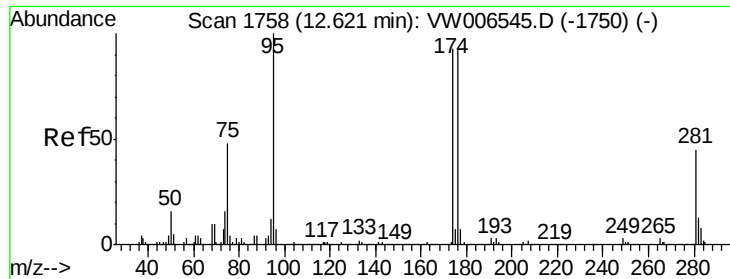
98 100

100 64.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

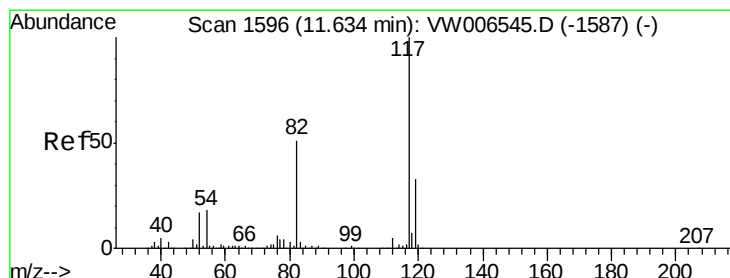
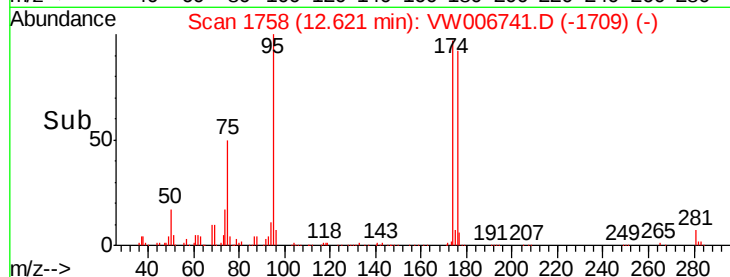
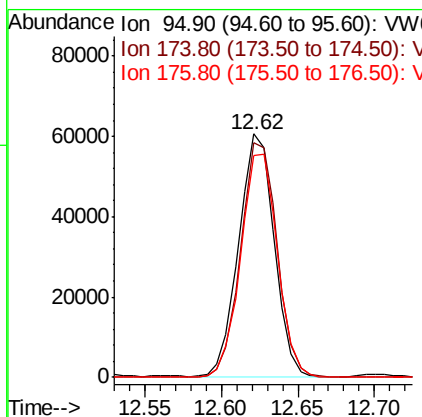
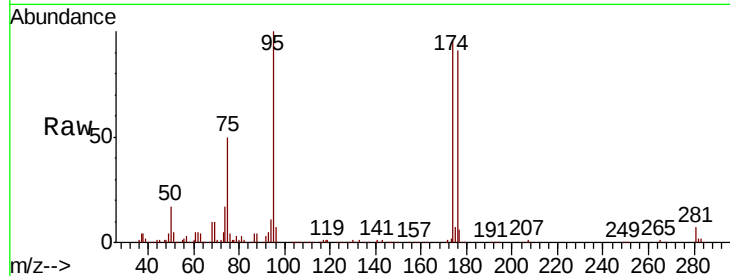




#62
4-Bromofluorobenzene
Concen: 27.447 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006741.D
Acq: 07 Nov 2018 17:24

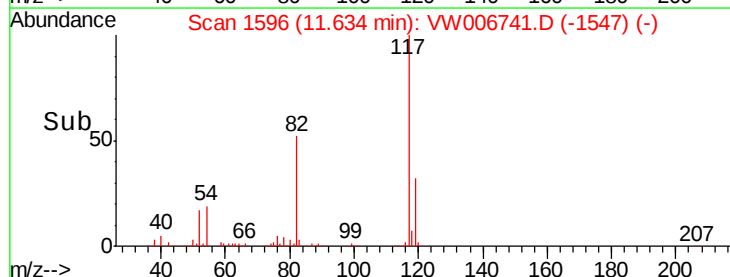
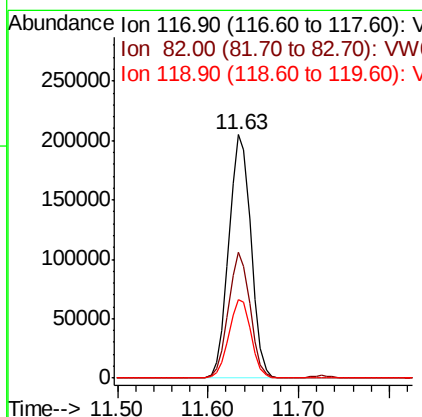
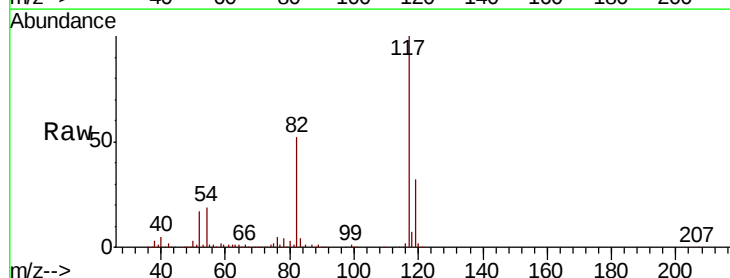
Instrument :
MSVOA_W
ClientSampleId :
BES48_SB03_1.5-2

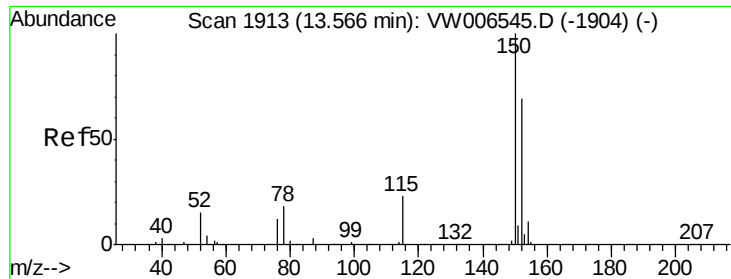
Tot Ion	95	Resp	97591
Ion Ratio	Lower	Upper	
95	100		
174	99.2	0.0	192.4
176	95.5	0.0	187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006741.D
Acq: 07 Nov 2018 17:24

Tgt Ion	117	Resp	346941
Ion Ratio	Lower	Upper	
117	100		
82	51.6	40.8	61.2
119	32.1	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006741.D

Acq: 07 Nov 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

BES48_SB03_1.5-2

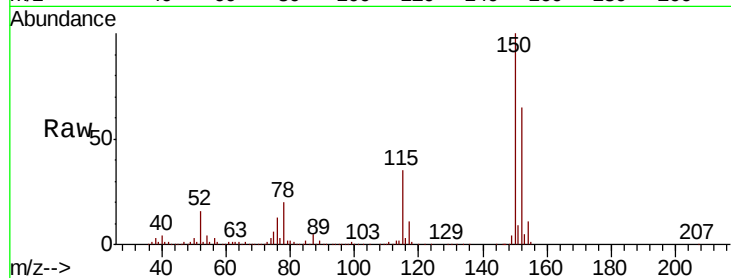
Tot Ion:152 Resp: 137784

Ion Ratio Lower Upper

152 100

115 60.6 26.6 79.8

150 157.6 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

