

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\  
 Data File : VW006740.D  
 Acq On : 07 Nov 2018 16:58  
 Operator : SY/AP  
 Sample : J5819-06RE  
 Misc : 4.16G/5ML/MSVOA W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BES48\_SB02\_3.5-4RE

Quant Time: Nov 09 10:11:36 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

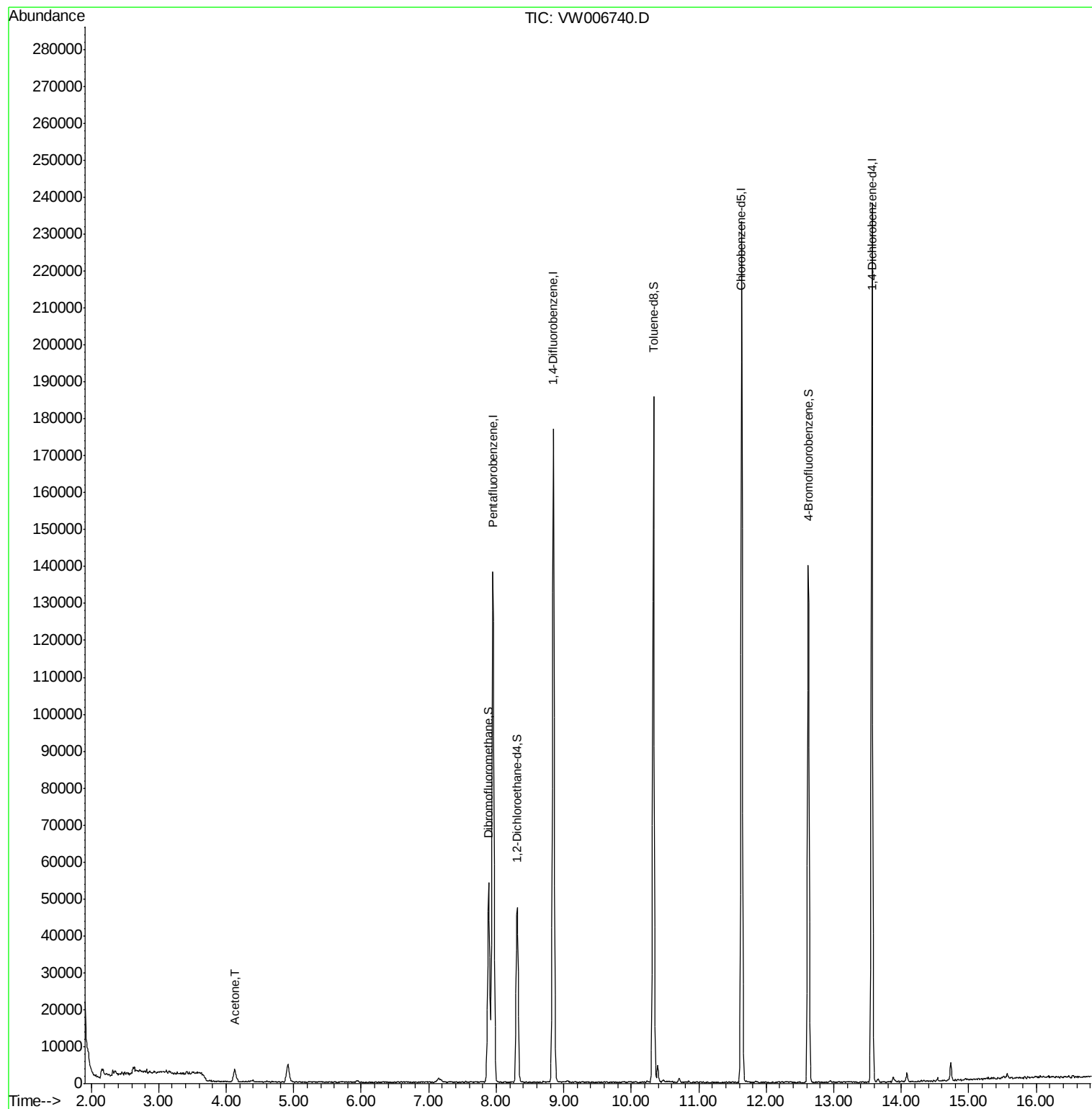
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|--------|-----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 114223   | 50.00  | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 159087   | 50.00  | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 141654   | 50.00  | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 70215    | 50.00  | ug/l   | 0.00      |
| System Monitoring Compounds |       |      |          |        |        |           |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 36346    | 37.02  | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 74.04% |           |
| 35) Dibromofluoromethane    | 7.88  | 113  | 38132    | 38.19  | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 76.38% |           |
| 50) Toluene-d8              | 10.33 | 98   | 132124   | 34.76  | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 69.52% |           |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 42610    | 30.92  | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 61.84% |           |
| Target Compounds            |       |      |          |        |        |           |
| 16) Acetone                 | 4.13  | 43   | 5752     | 36.286 | ug/l # | Qvalue 86 |

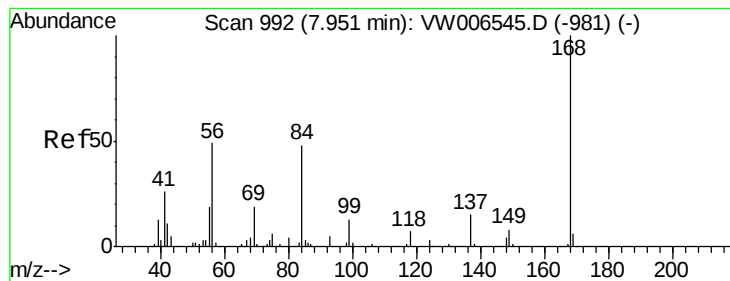
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 01 03:48:08 2018  
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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Instrument :

MSVOA\_W

ClientSampleId :

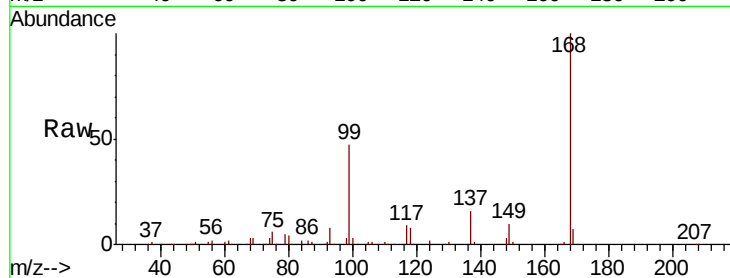
BES48\_SB02\_3.5-4RE

Tot Ion:168 Resp: 114223

Ion Ratio Lower Upper

168 100

99 47.3 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

60000

50000

40000

30000

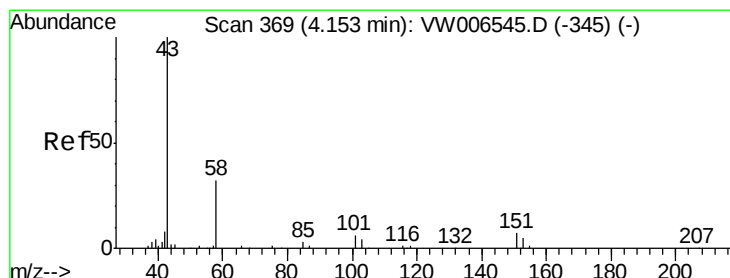
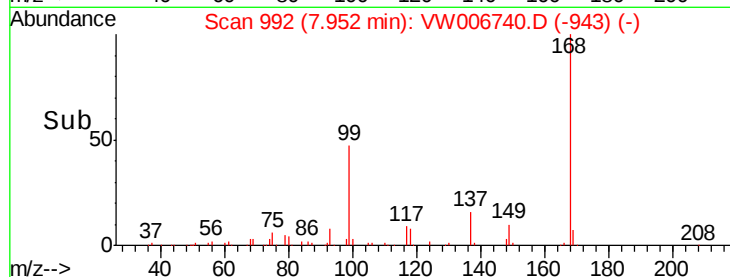
20000

10000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 36.286 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006740.D

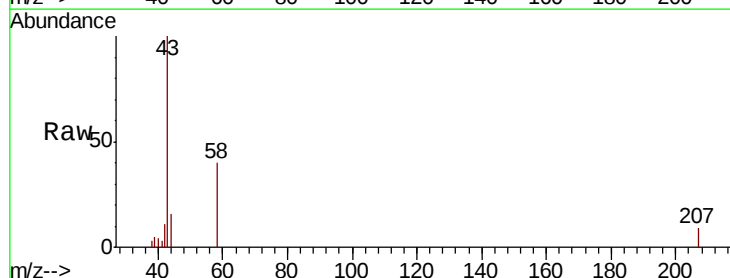
Acq: 07 Nov 2018 16:58

Tgt Ion: 43 Resp: 5752

Ion Ratio Lower Upper

43 100

58 40.3 25.8 38.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2500

2000

1500

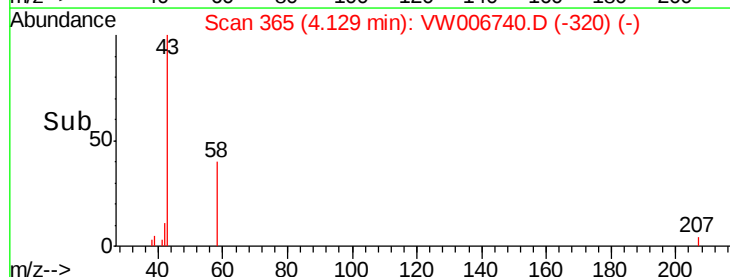
1000

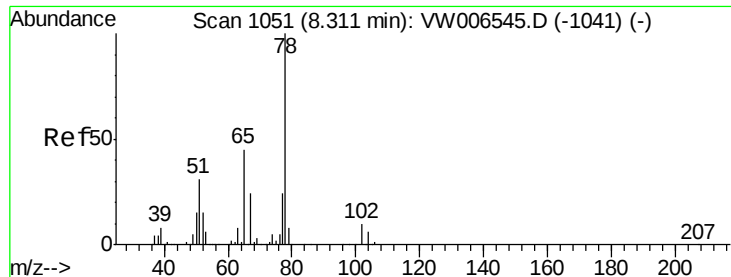
500

0

Time-->

4.00 4.10 4.20

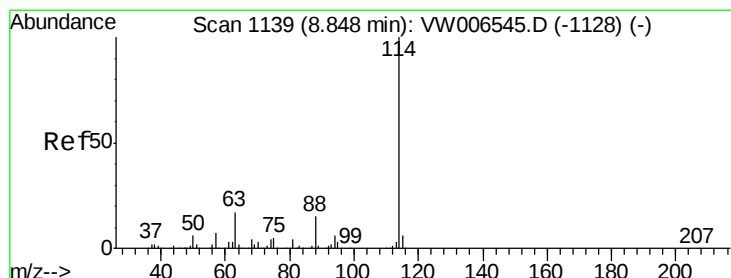
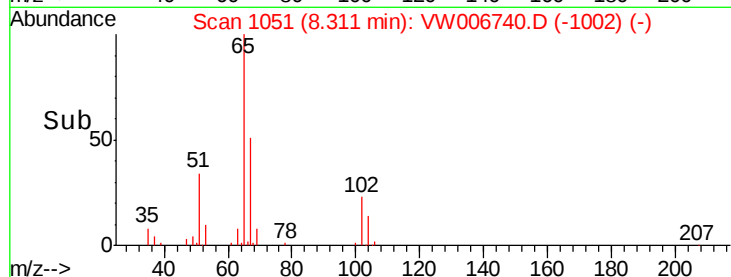
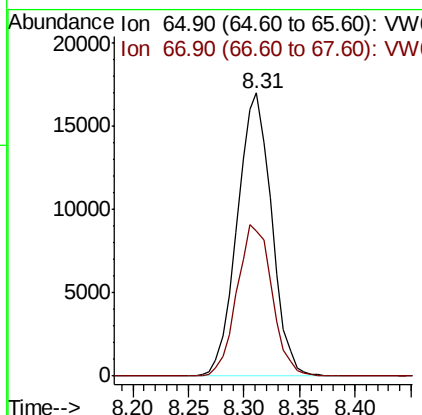
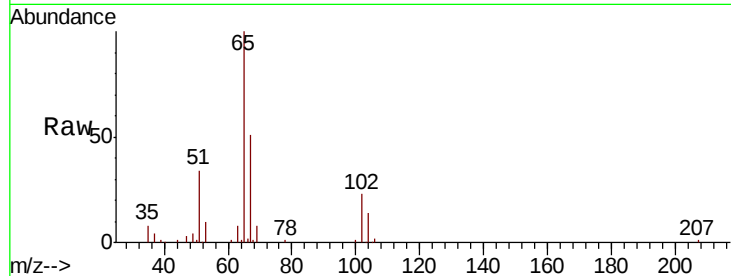




#33  
 1,2-Dichloroethane-d4  
 Concen: 37.018 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: VW006740.D  
 Acq: 07 Nov 2018 16:58

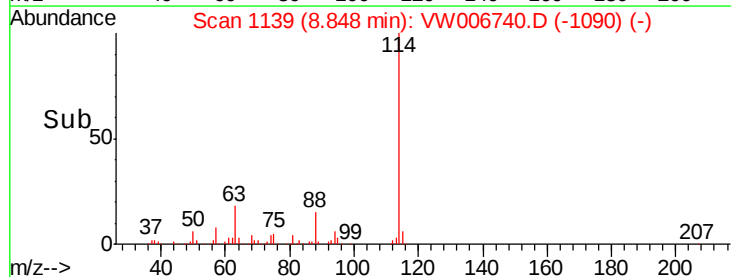
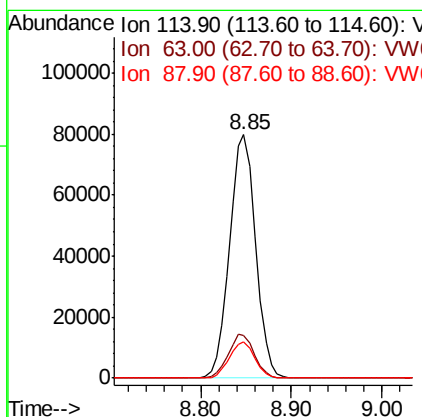
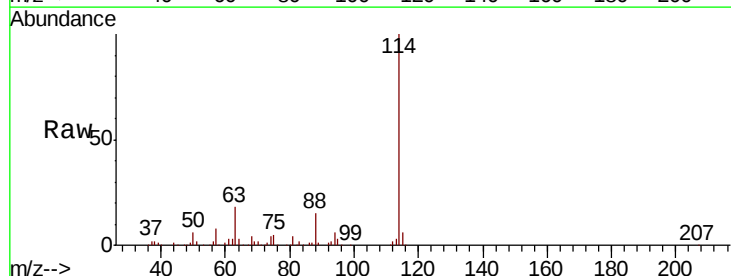
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BES48\_SB02\_3.5-4RE

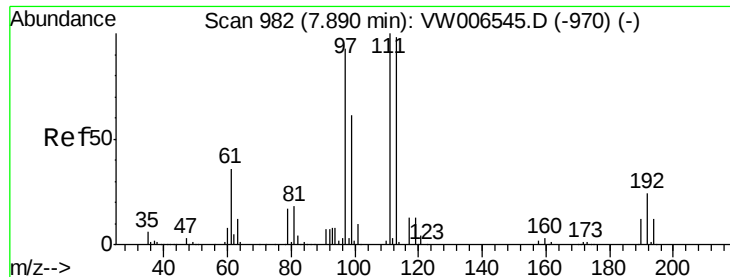
Tot Ion: 65 Resp: 36346  
 Ion Ratio Lower Upper  
 65 100  
 67 54.4 0.0 104.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: VW006740.D  
 Acq: 07 Nov 2018 16:58

Tgt Ion: 114 Resp: 159087  
 Ion Ratio Lower Upper  
 114 100  
 63 17.7 0.0 34.4  
 88 15.1 0.0 29.0

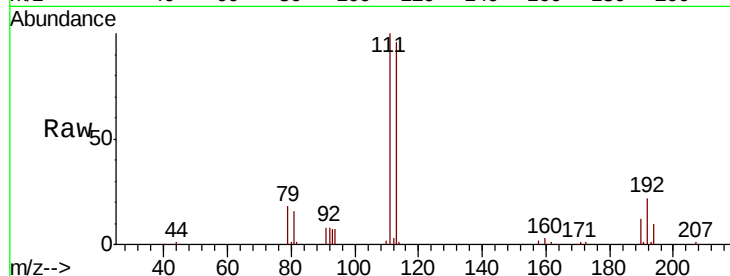




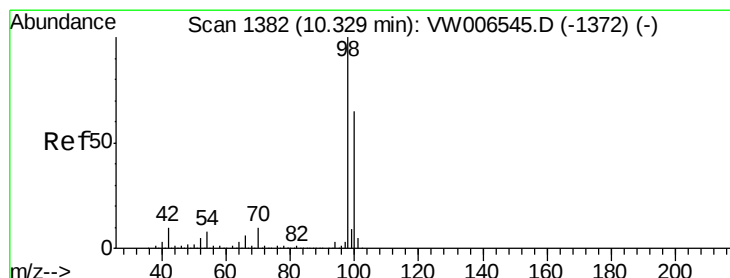
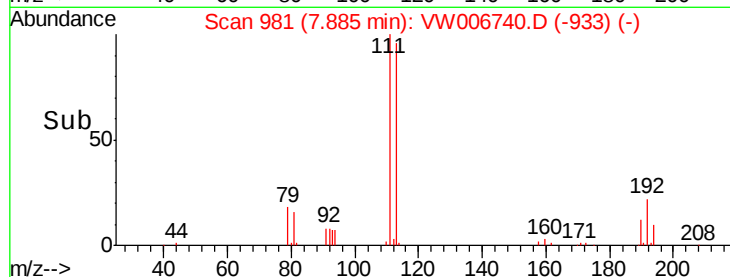
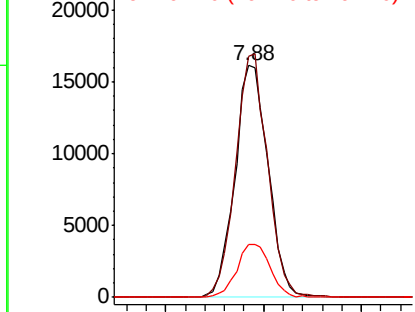
#35  
Dibromofluoromethane  
Concen: 38.193 ug/l  
RT: 7.88 min Scan# 981  
Delta R.T. -0.01 min  
Lab File: VW006740.D  
Acq: 07 Nov 2018 16:58

Instrument :  
MSVOA\_W  
ClientSampleId :  
BES48\_SB02\_3.5-4RE

Tot Ion:113 Resp: 38132  
Ion Ratio Lower Upper  
113 100  
111 101.3 82.2 123.2  
192 22.9 19.0 28.6

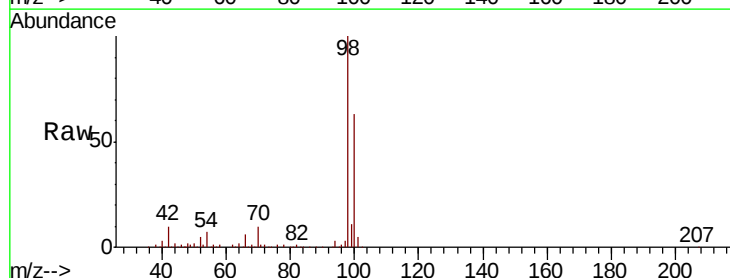


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

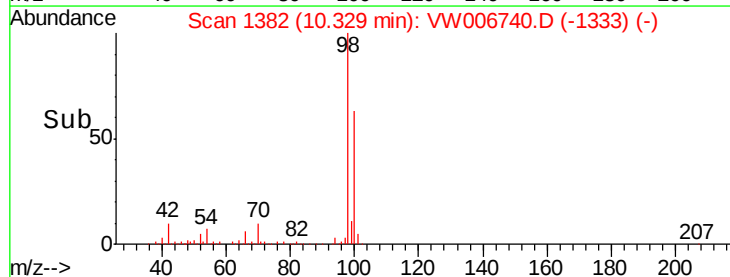
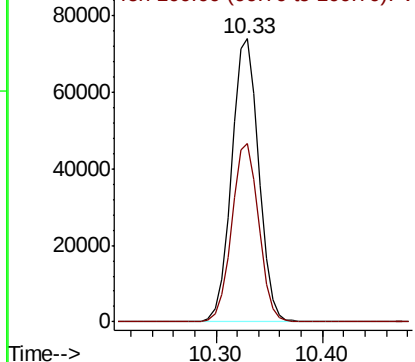


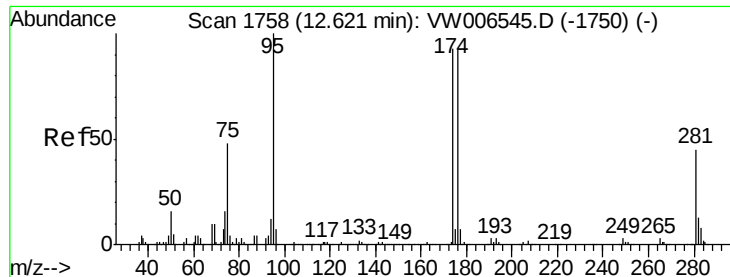
#50  
Toluene-d8  
Concen: 34.763 ug/l  
RT: 10.33 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VW006740.D  
Acq: 07 Nov 2018 16:58

Tgt Ion: 98 Resp: 132124  
Ion Ratio Lower Upper  
98 100  
100 62.6 51.6 77.4



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

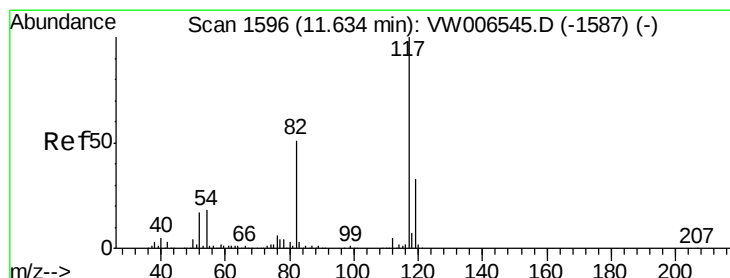
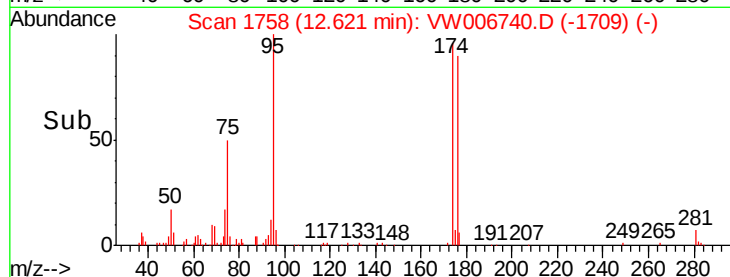
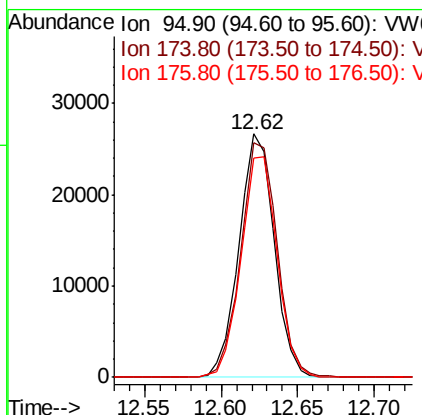
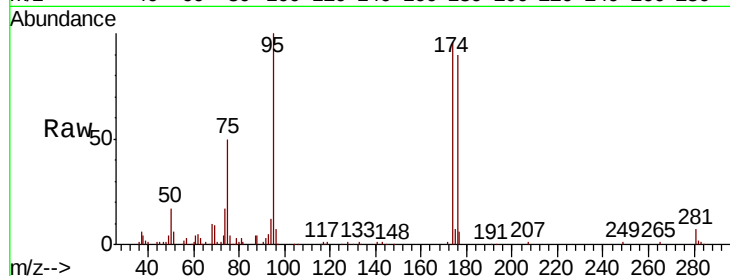




#62  
4-Bromofluorobenzene  
Concen: 30.924 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: VW006740.D  
Acq: 07 Nov 2018 16:58

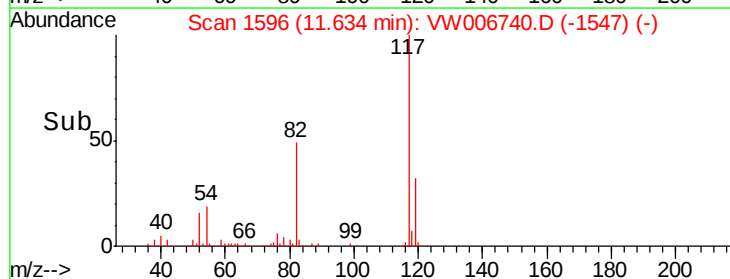
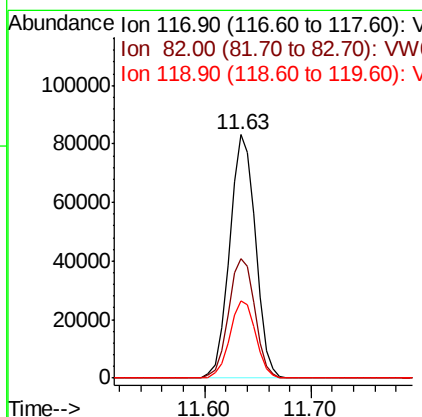
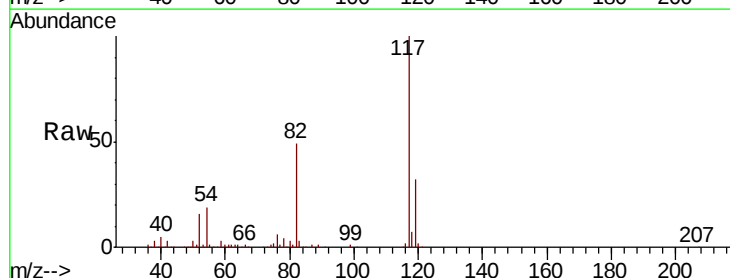
Instrument :  
MSVOA\_W  
ClientSampleId :  
BES48\_SB02\_3.5-4RE

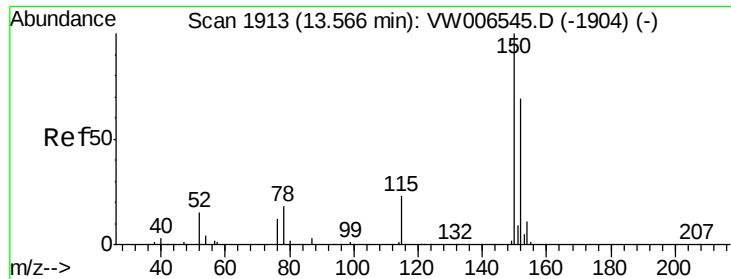
Tot Ion: 95 Resp: 42610  
Ion Ratio Lower Upper  
95 100  
174 99.9 0.0 192.4  
176 93.1 0.0 187.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW006740.D  
Acq: 07 Nov 2018 16:58

Tgt Ion: 117 Resp: 141654  
Ion Ratio Lower Upper  
117 100  
82 49.1 40.8 61.2  
119 31.6 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: VW006740.D

Acq: 07 Nov 2018 16:58

Instrument :

MSVOA\_W

ClientSampleId :

BES48\_SB02\_3.5-4RE

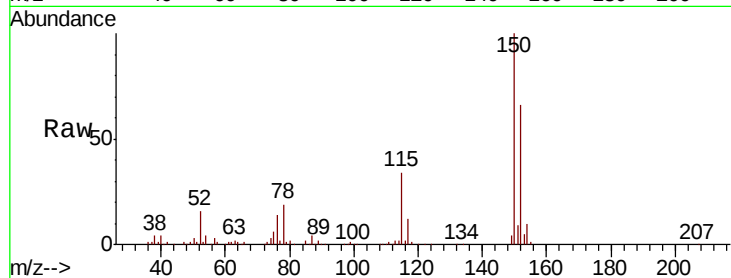
Tot Ion:152 Resp: 70215

Ion Ratio Lower Upper

152 100

115 51.6 26.6 79.8

150 155.3 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

