

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW121718\  
 Data File : VW007532.D  
 Acq On : 14 Dec 2018 13:50  
 Operator : SY/AP  
 Sample : J6371-02  
 Misc : 4.54G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EB07-1-2

Quant Time: Dec 14 14:20:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W121118S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 11 02:58:16 2018  
 Response via : Initial Calibration

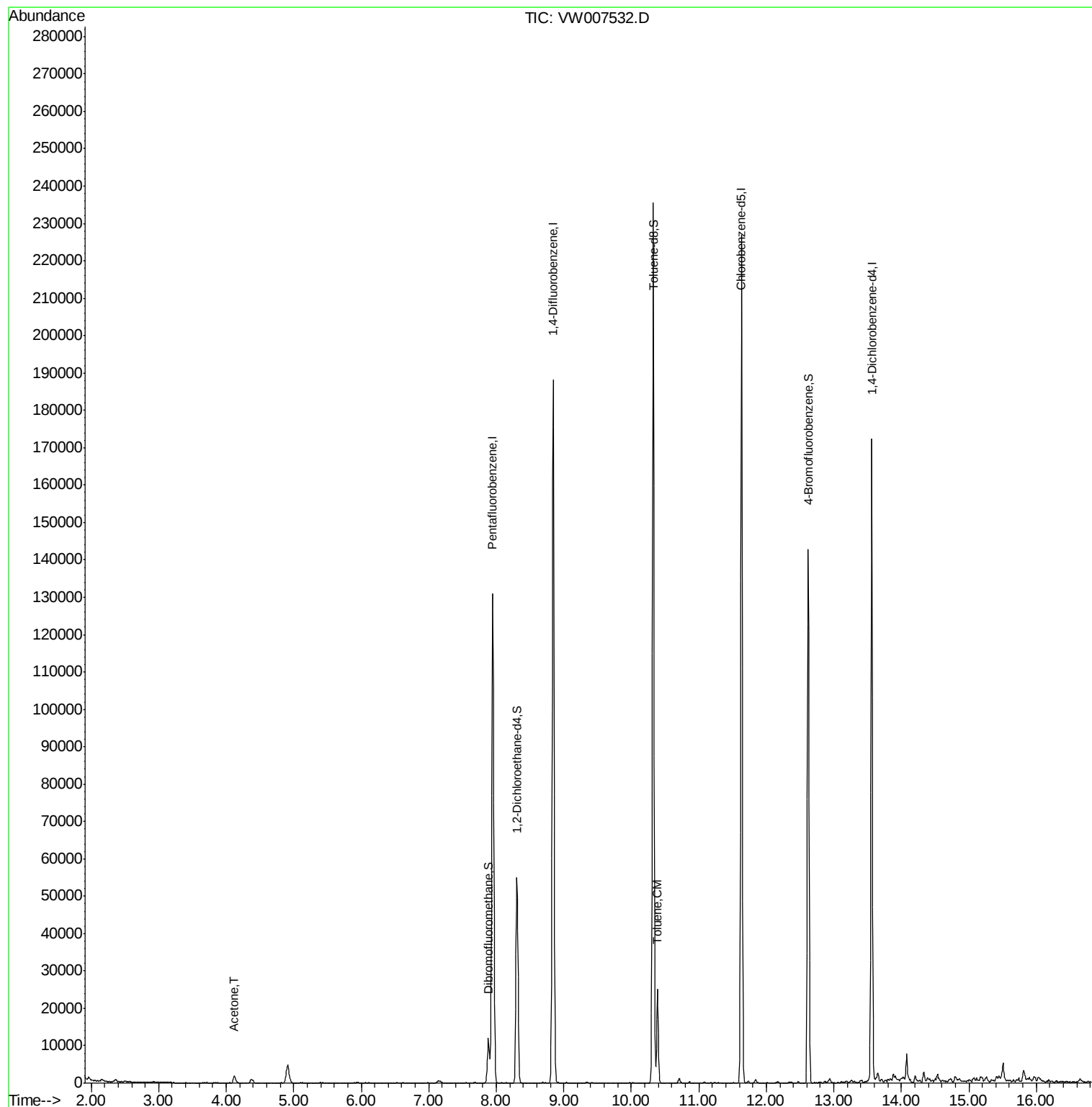
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 95858    | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 159014   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 125070   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 44166    | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 44196    | 41.56  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 83.12% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 9103     | 9.46   | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 18.92% |          |
| 50) Toluene-d8              | 10.32 | 98   | 158979   | 44.05  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 88.10% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 48364    | 36.45  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 72.90% |          |
| Target Compounds            |       |      |          |        |        |          |
| 16) Acetone                 | 4.12  | 43   | 3195     | 17.200 | ug/l   | 92       |
| 52) Toluene                 | 10.39 | 92   | 10885    | 4.178  | ug/l   | 96       |

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

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EB07-1-2

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Quant Title : SW846 8260  
QLast Update : Tue Dec 11 02:58:16 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007532.D

Acq: 14 Dec 2018 13:50

Instrument :

MSVOA\_W

ClientSampleId :

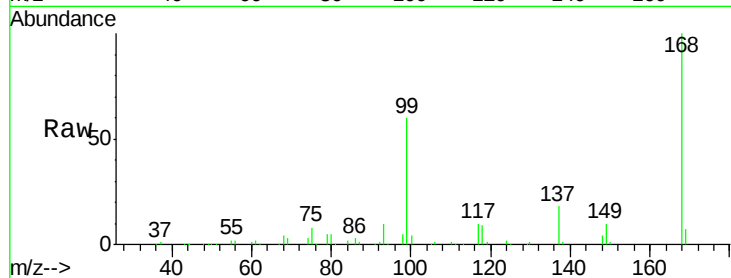
EB07-1-2

Tgt Ion: 168 Resp: 95858

Ion Ratio Lower Upper

168 100

99 60.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

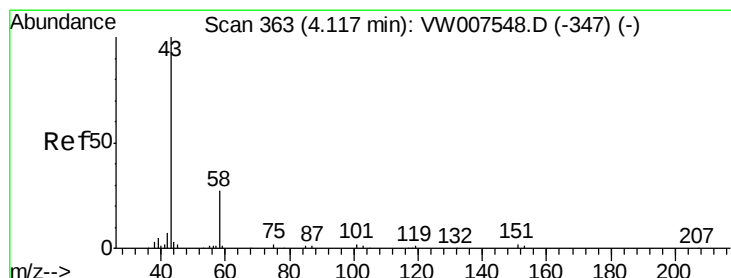
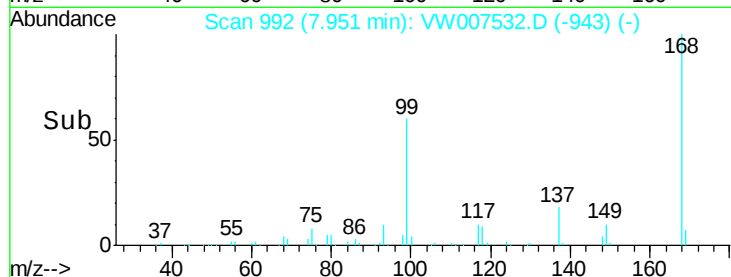
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 17.200 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007532.D

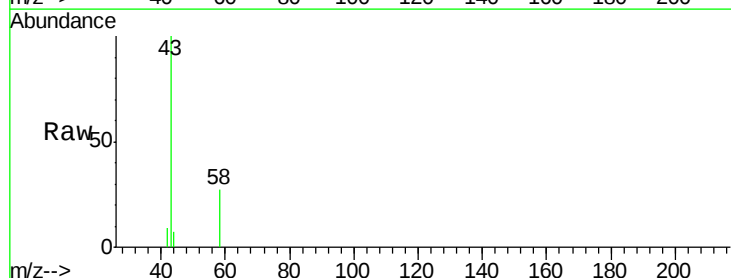
Acq: 14 Dec 2018 13:50

Tgt Ion: 43 Resp: 3195

Ion Ratio Lower Upper

43 100

58 26.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

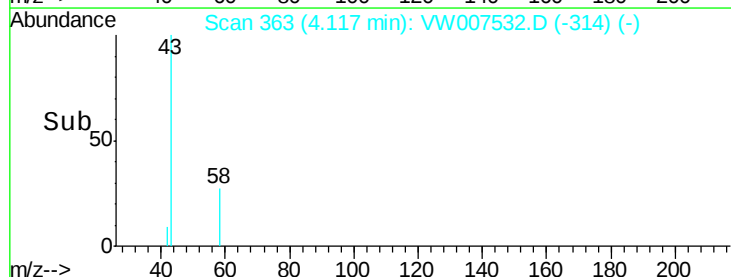
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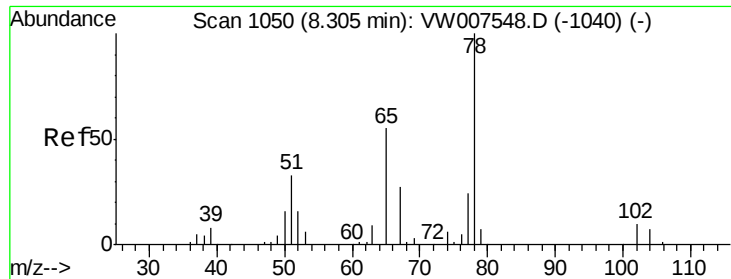
500

0

4.05 4.10 4.15 4.20

Time-->

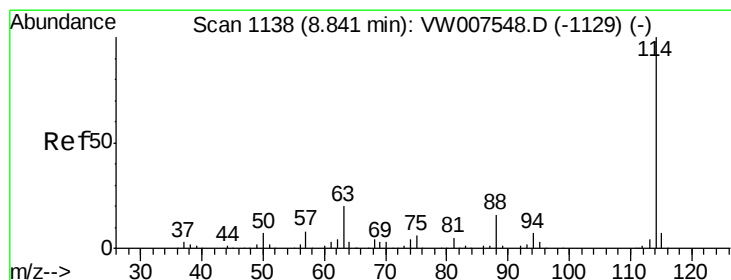
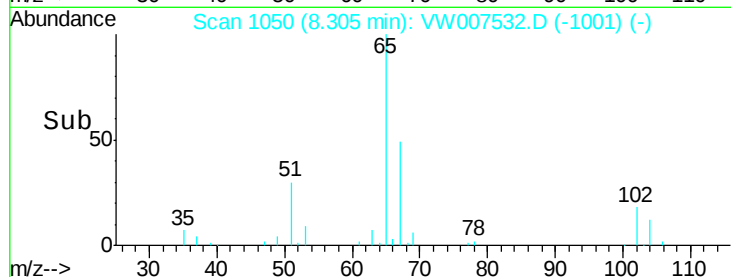
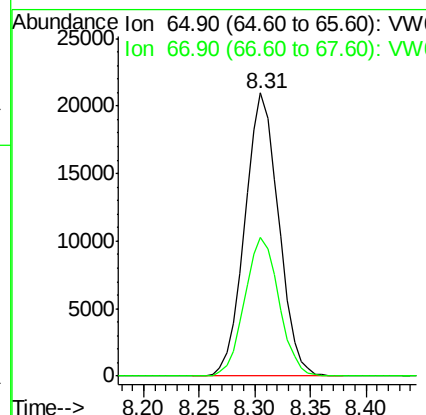
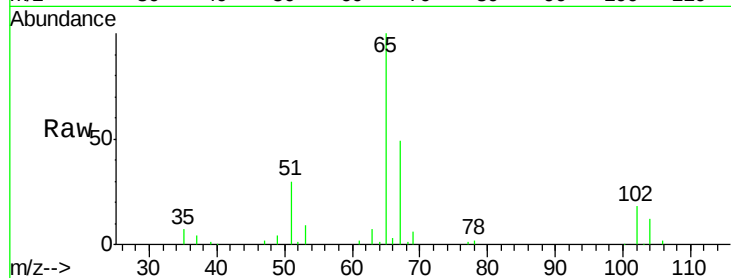




#33  
 1,2-Dichloroethane-d4  
 Concen: 41.558 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW007532.D  
 Acq: 14 Dec 2018 13:50

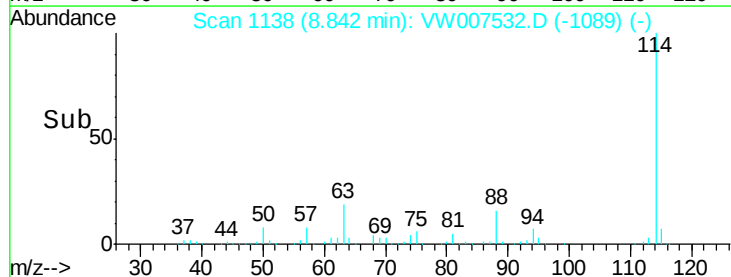
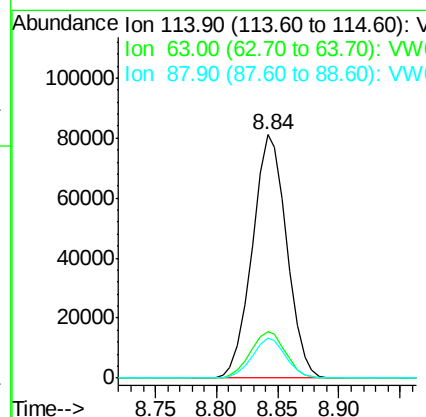
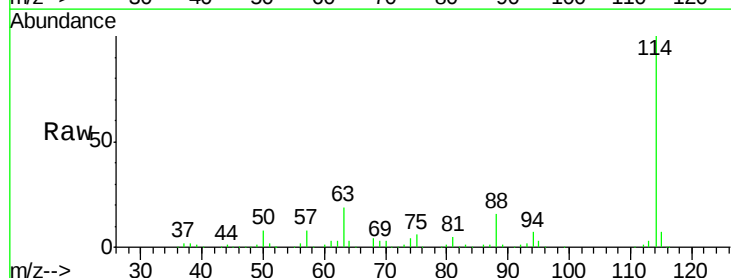
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EB07-1-2

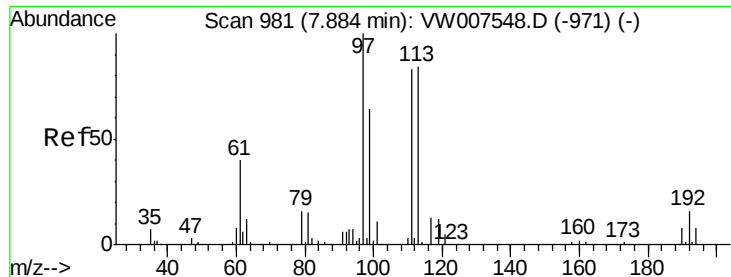
Tgt Ion: 65 Resp: 44196  
 Ion Ratio Lower Upper  
 65 100  
 67 49.5 0.0 101.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW007532.D  
 Acq: 14 Dec 2018 13:50

Tgt Ion: 114 Resp: 159014  
 Ion Ratio Lower Upper  
 114 100  
 63 19.2 0.0 39.6  
 88 16.5 0.0 31.4

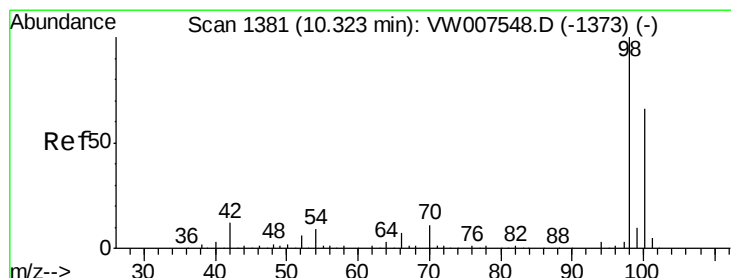
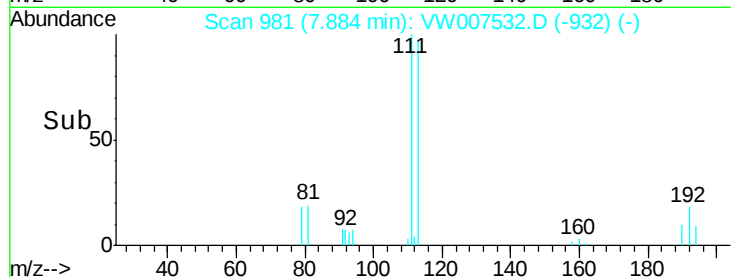
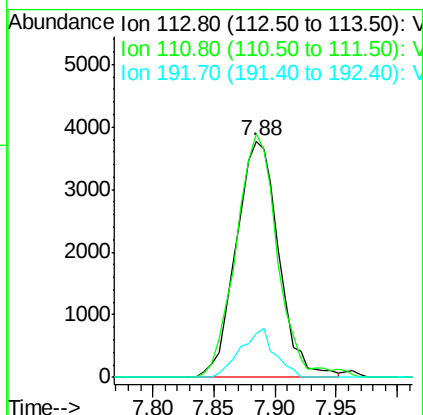
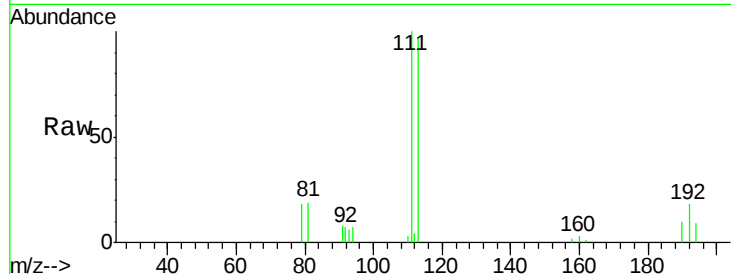




#35  
 Dibromofluoromethane  
 Concen: 9.457 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.00 min  
 Lab File: VW007532.D  
 Acq: 14 Dec 2018 13:50

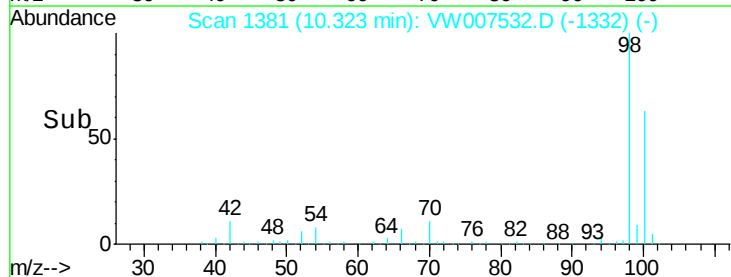
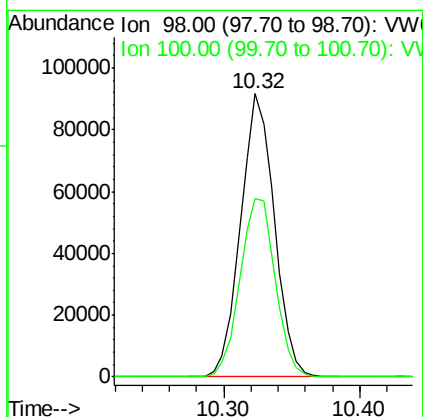
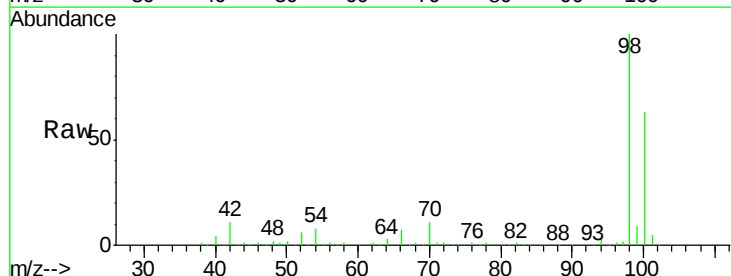
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EB07-1-2

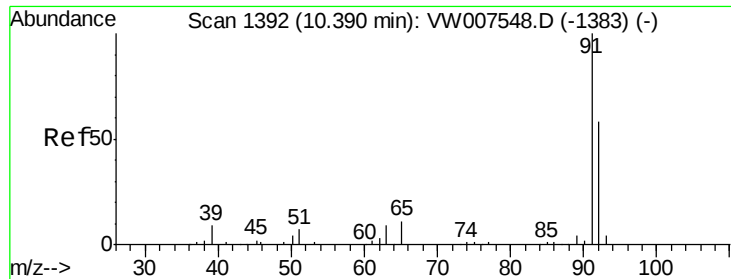
Tgt Ion: 113 Resp: 9103  
 Ion Ratio Lower Upper  
 113 100  
 111 100.9 81.1 121.7  
 192 16.6 14.6 21.8



#50  
 Toluene-d8  
 Concen: 44.049 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. -0.00 min  
 Lab File: VW007532.D  
 Acq: 14 Dec 2018 13:50

Tgt Ion: 98 Resp: 158979  
 Ion Ratio Lower Upper  
 98 100  
 100 65.5 51.8 77.8





#52

Toluene

Concen: 4.178 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007532.D

Acq: 14 Dec 2018 13:50

Instrument :

MSVOA\_W

ClientSampled :

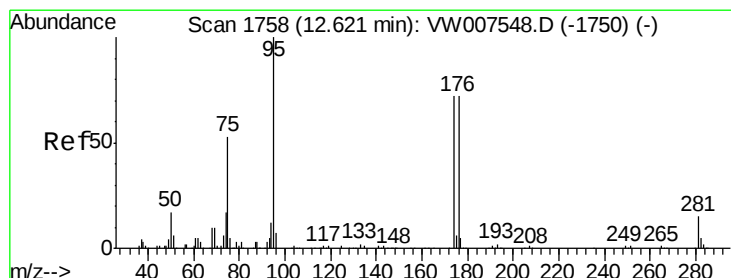
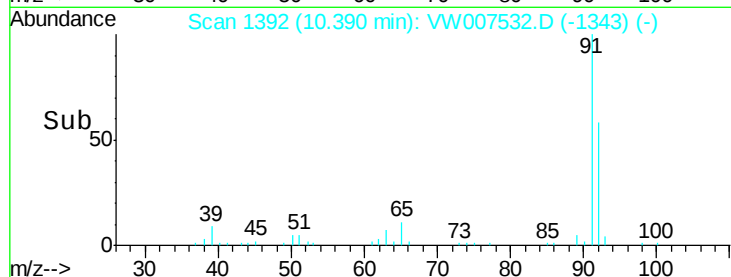
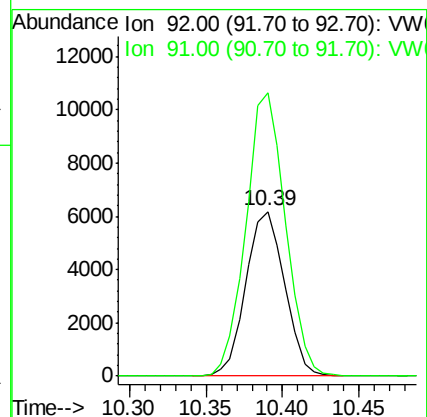
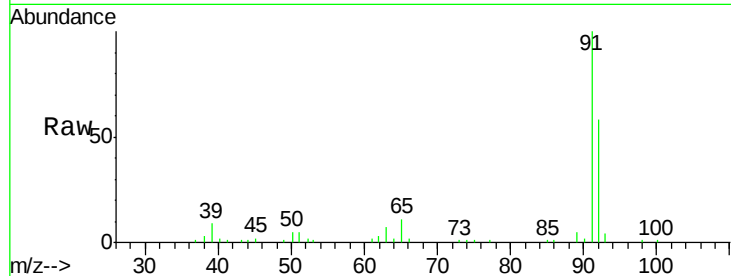
EB07-1-2

Tgt Ion: 92 Resp: 10885

Ion Ratio Lower Upper

92 100

91 175.0 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 36.447 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007532.D

Acq: 14 Dec 2018 13:50

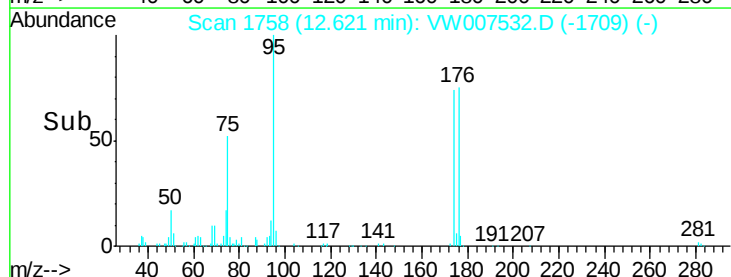
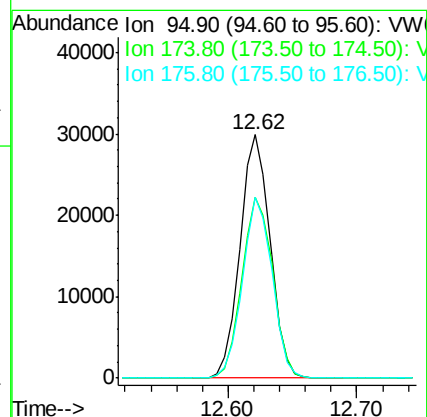
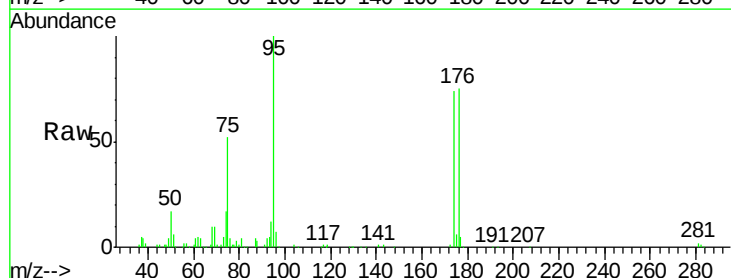
Tgt Ion: 95 Resp: 48364

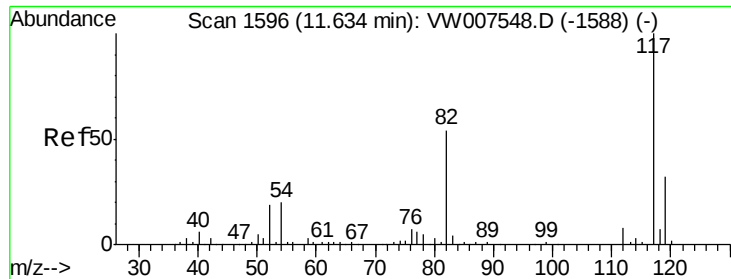
Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.2

176 72.9 0.0 138.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007532.D

Acq: 14 Dec 2018 13:50

Instrument :

MSVOA\_W

ClientSampleId :

EB07-1-2

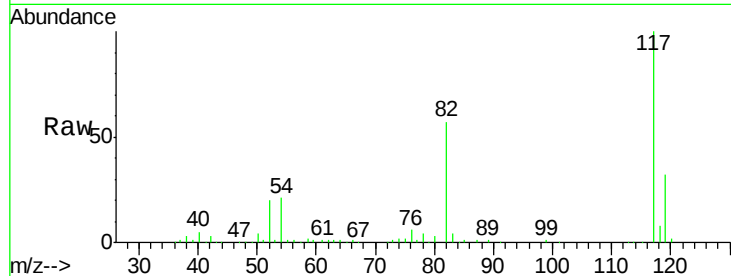
Tgt Ion:117 Resp: 125070

Ion Ratio Lower Upper

117 100

82 57.0 42.3 63.5

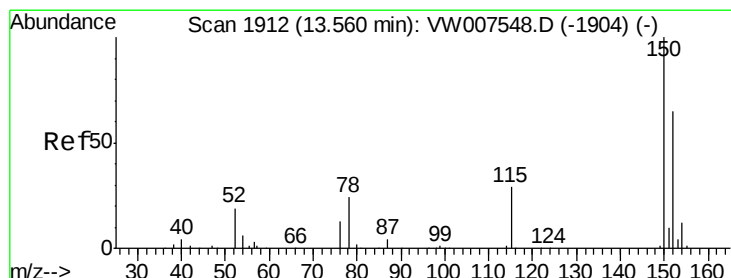
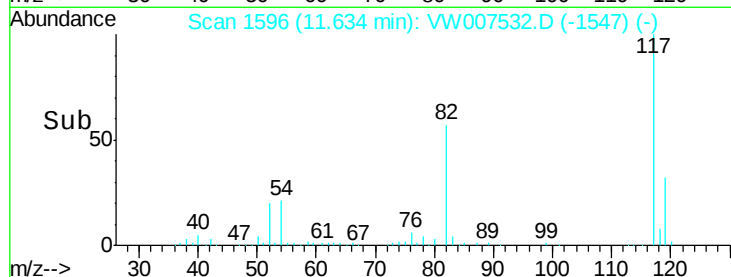
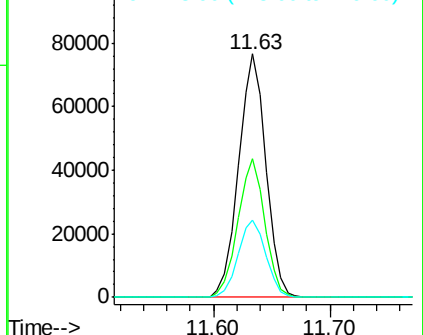
119 31.6 23.0 34.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007532.D

Acq: 14 Dec 2018 13:50

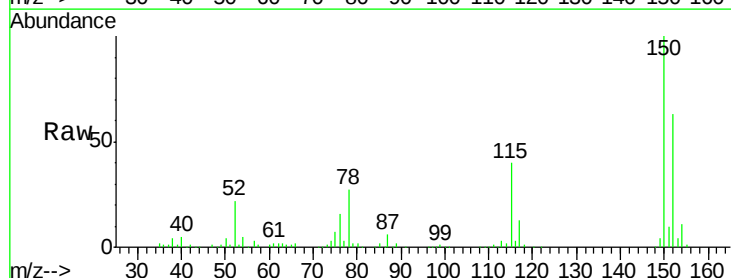
Tgt Ion:152 Resp: 44166

Ion Ratio Lower Upper

152 100

115 61.9 31.4 94.2

150 160.9 0.0 358.4



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

