

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\  
 Data File : VW003916.D  
 Acq On : 12 Jul 2018 23:34  
 Operator : SY/AP  
 Sample : J3633-04  
 Misc : 5.48G/5ML/MSVOA W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 B-1(3.0)

Quant Time: Jul 13 07:34:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W070718S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 07 05:07:25 2018  
 Response via : Initial Calibration

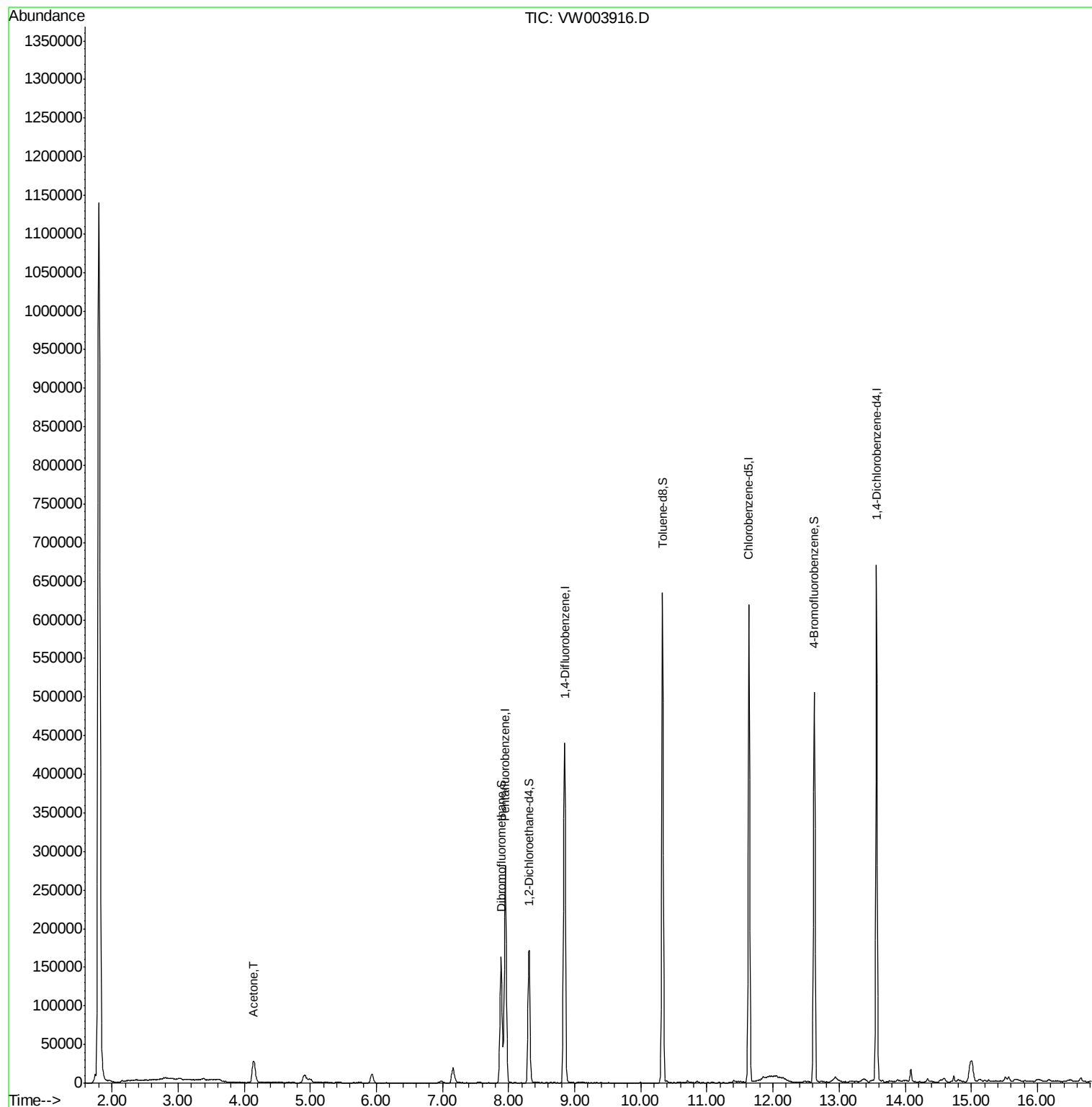
| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min)   |
|-----------------------------|-------|------|----------|---------|---------|------------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 202332   | 50.00   | ug/l    | 0.00       |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 360688   | 50.00   | ug/l    | 0.00       |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 328453   | 50.00   | ug/l    | 0.00       |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 165123   | 50.00   | ug/l    | 0.00       |
| System Monitoring Compounds |       |      |          |         |         |            |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 138949   | 52.51   | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =       | 105.02% |            |
| 35) Dibromofluoromethane    | 7.88  | 113  | 114562   | 45.38   | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =       | 90.76%  |            |
| 50) Toluene-d8              | 10.33 | 98   | 412701   | 42.74   | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =       | 85.48%  |            |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 152731   | 43.71   | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =       | 87.42%  |            |
| Target Compounds            |       |      |          |         |         |            |
| 16) Acetone                 | 4.14  | 43   | 60379    | 131.527 | ug/l    | Qvalue 100 |

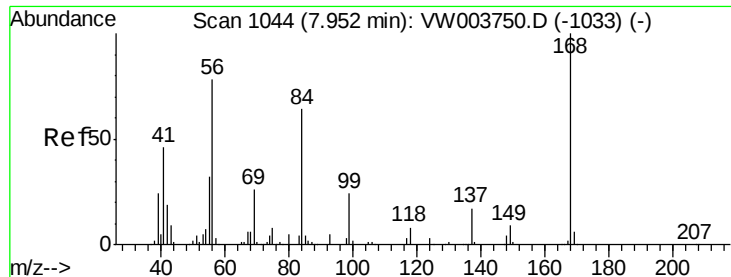
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-1(3.0)

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Quant Title : SW846 8260  
QLast Update : Sat Jul 07 05:07:25 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003916.D

Acq: 12 Jul 2018 23:34

Instrument :

MSVOA\_W

ClientSampleId :

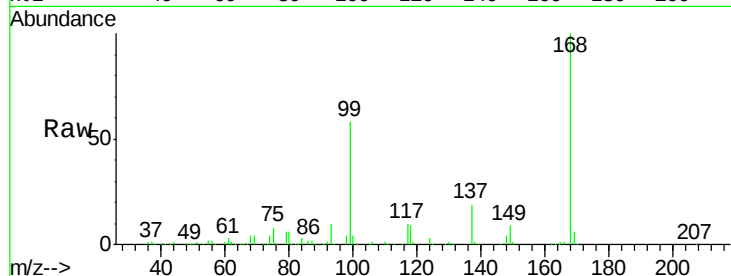
B-1(3.0)

Tot Ion:168 Resp: 202332

Ion Ratio Lower Upper

168 100

99 58.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

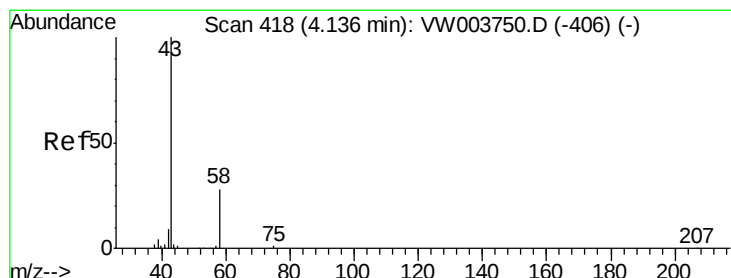
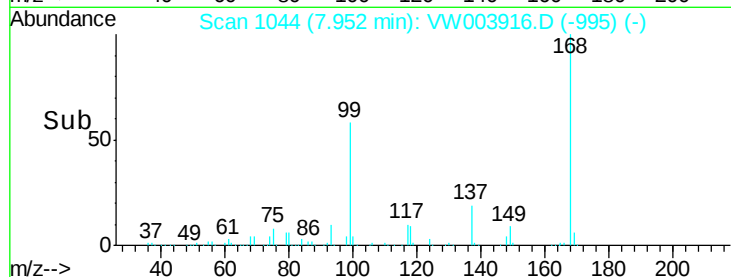
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 131.527 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003916.D

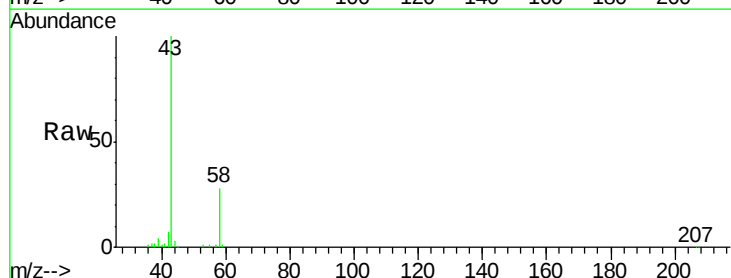
Acq: 12 Jul 2018 23:34

Tgt Ion: 43 Resp: 60379

Ion Ratio Lower Upper

43 100

58 28.1 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

20000

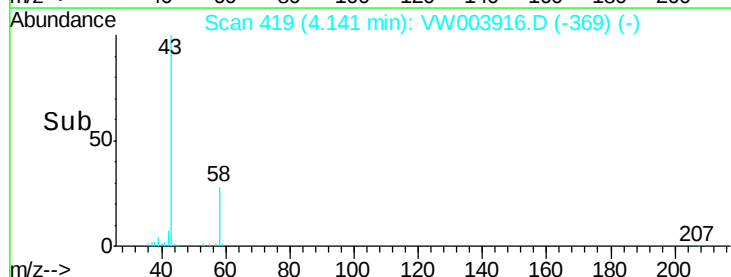
15000

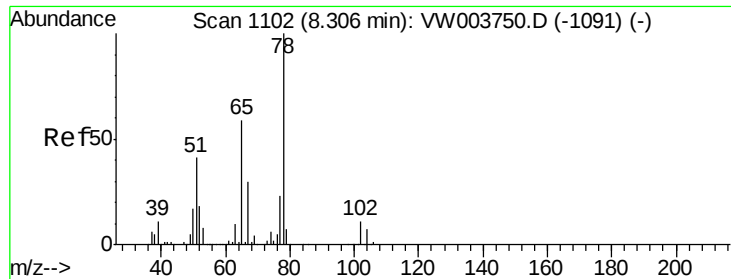
10000

5000

0

Time-->

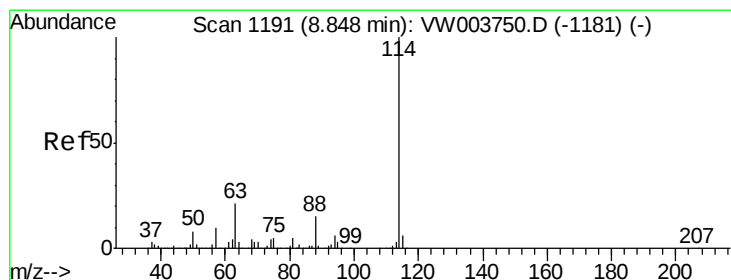
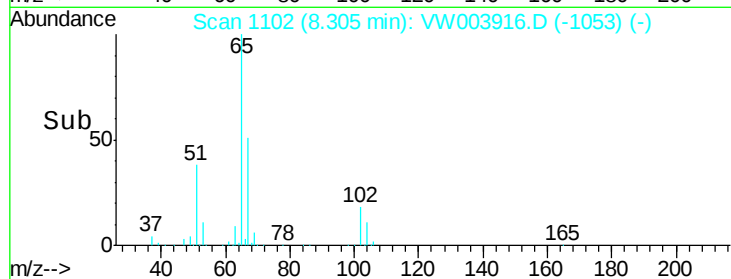
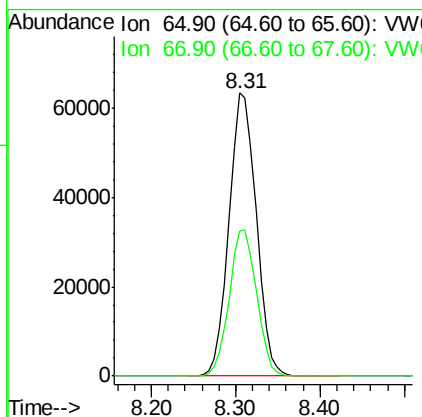
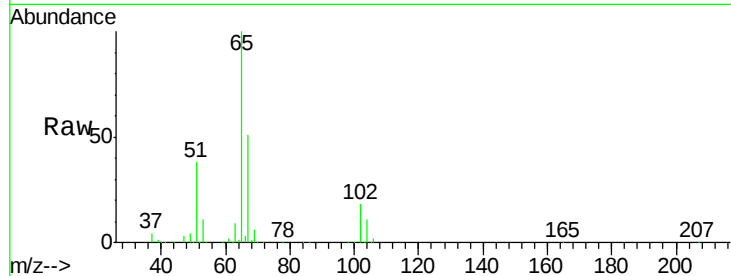




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.514 ug/l  
 RT: 8.31 min Scan# 1102  
 Delta R.T. -0.00 min  
 Lab File: VW003916.D  
 Acq: 12 Jul 2018 23:34

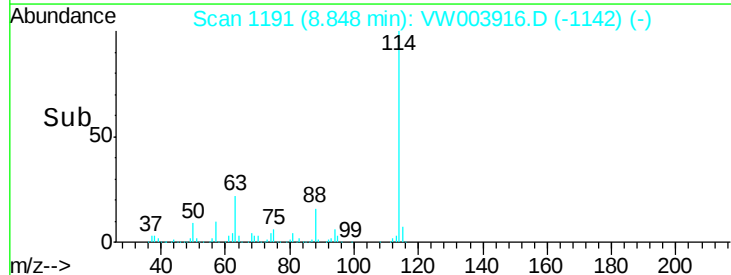
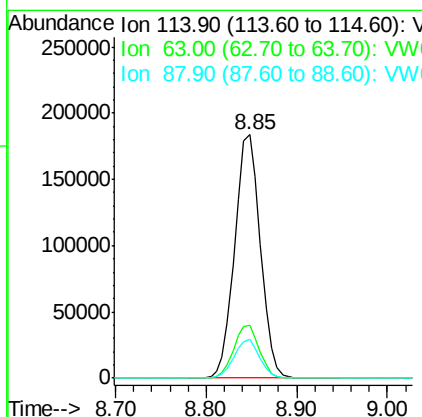
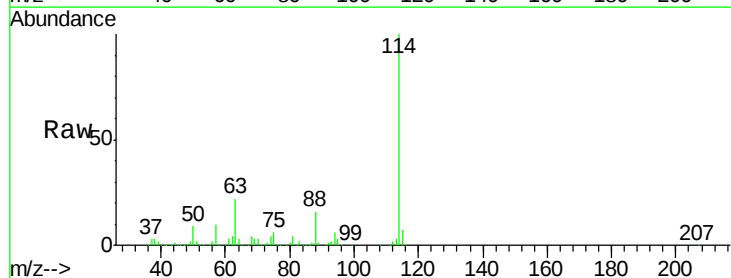
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 B-1(3.0)

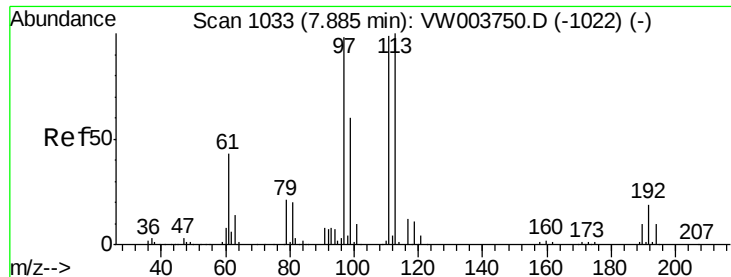
Tot Ion: 65 Resp: 138949  
 Ion Ratio Lower Upper  
 65 100  
 67 52.0 0.0 103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. -0.00 min  
 Lab File: VW003916.D  
 Acq: 12 Jul 2018 23:34

Tgt Ion: 114 Resp: 360688  
 Ion Ratio Lower Upper  
 114 100  
 63 21.6 0.0 41.8  
 88 15.9 0.0 30.2

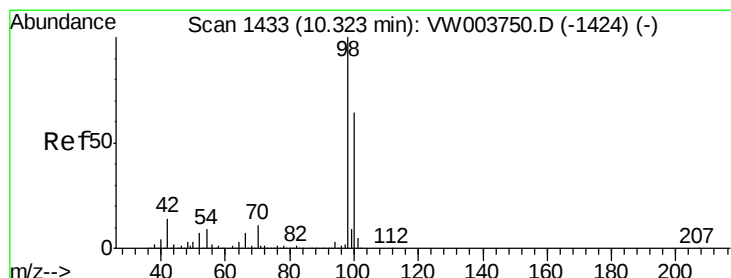
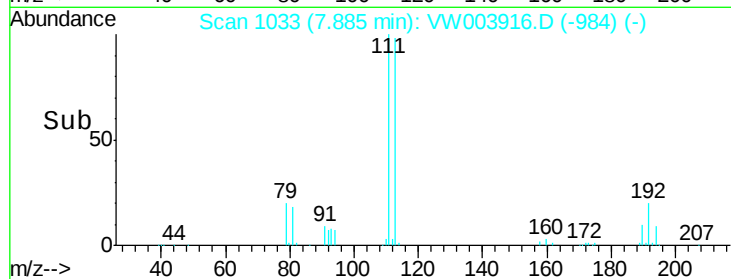
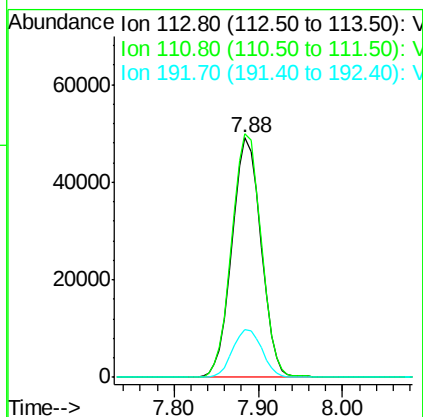
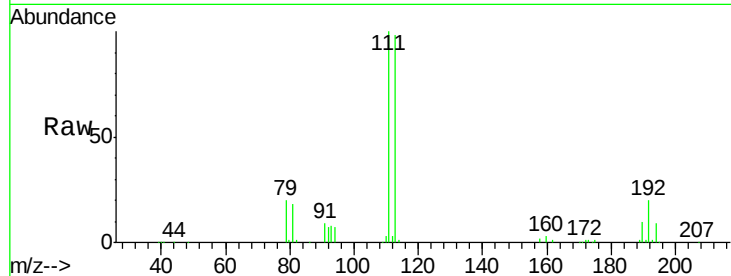




#35  
 Dibromofluoromethane  
 Concen: 45.382 ug/l  
 RT: 7.88 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: VW003916.D  
 Acq: 12 Jul 2018 23:34

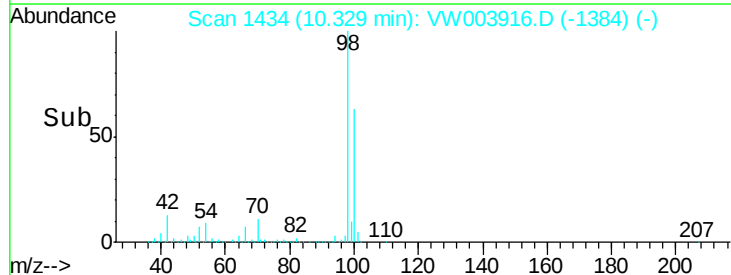
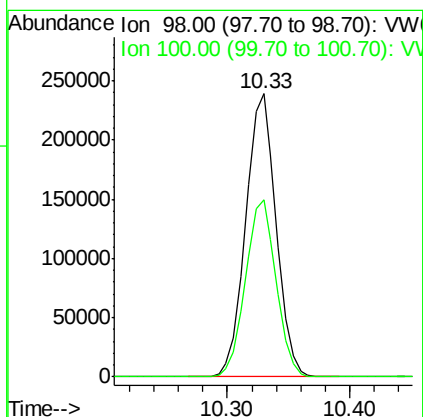
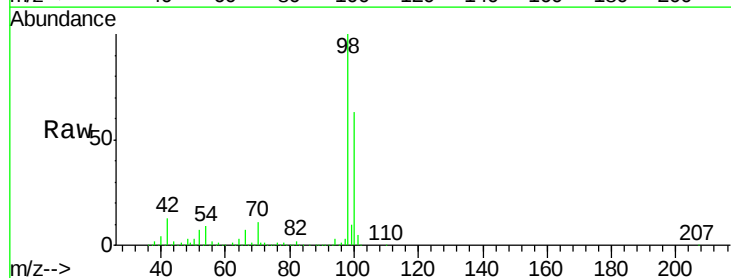
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 B-1(3.0)

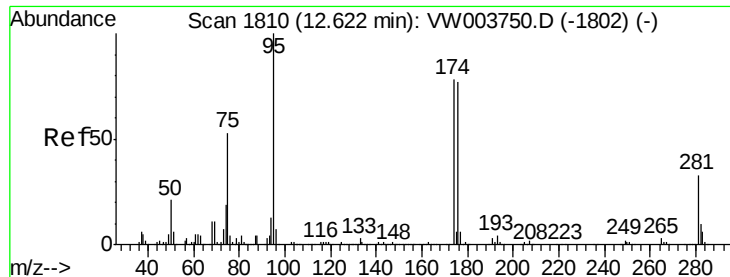
Tot Ion:113 Resp: 114562  
 Ion Ratio Lower Upper  
 113 100  
 111 103.1 81.7 122.5  
 192 20.1 15.8 23.8



#50  
 Toluene-d8  
 Concen: 42.739 ug/l  
 RT: 10.33 min Scan# 1434  
 Delta R.T. 0.01 min  
 Lab File: VW003916.D  
 Acq: 12 Jul 2018 23:34

Tgt Ion: 98 Resp: 412701  
 Ion Ratio Lower Upper  
 98 100  
 100 63.1 50.8 76.2

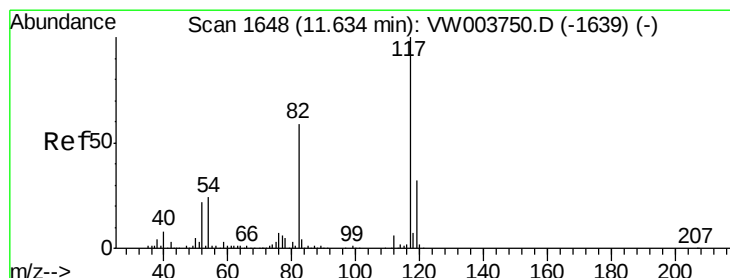
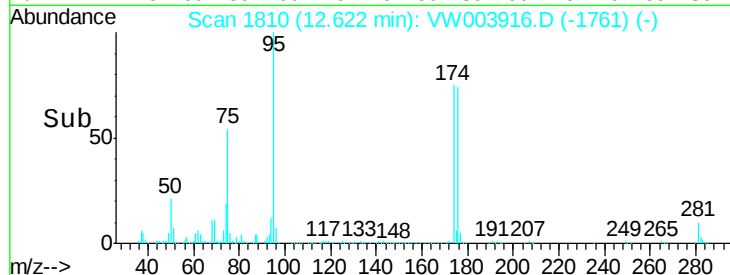
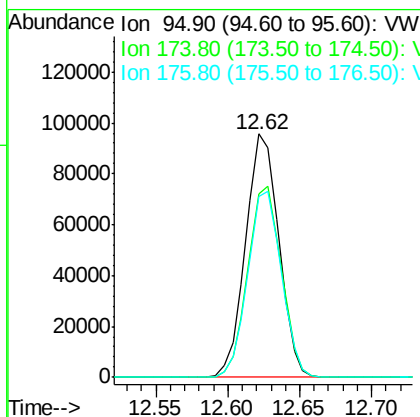
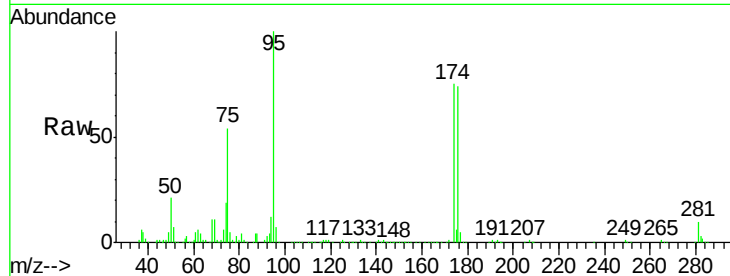




#62  
4-Bromofluorobenzene  
Concen: 43.714 ug/l  
RT: 12.62 min Scan# 1810  
Delta R.T. -0.00 min  
Lab File: VW003916.D  
Acq: 12 Jul 2018 23:34

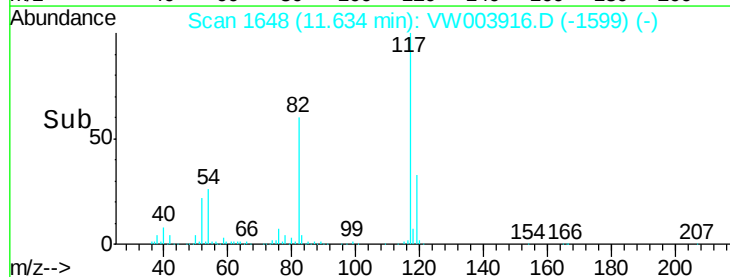
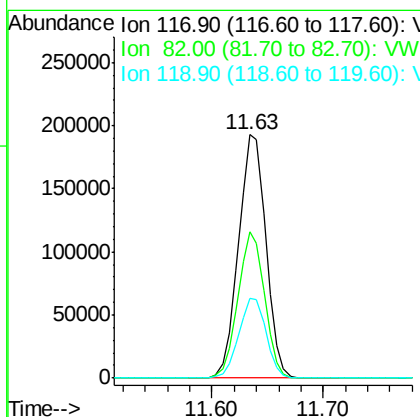
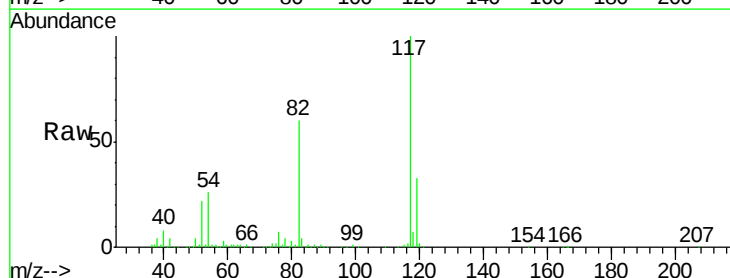
Instrument :  
MSVOA\_W  
ClientSampleId :  
B-1(3.0)

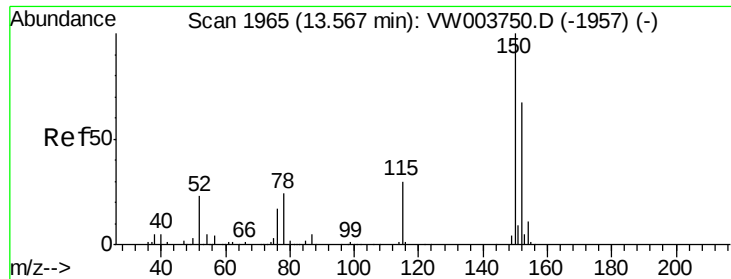
Tot Ion: 95 Resp: 152731  
Ion Ratio Lower Upper  
95 100  
174 79.5 0.0 163.4  
176 77.5 0.0 156.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. -0.00 min  
Lab File: VW003916.D  
Acq: 12 Jul 2018 23:34

Tgt Ion: 117 Resp: 328453  
Ion Ratio Lower Upper  
117 100  
82 60.2 46.9 70.3  
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003916.D

Acq: 12 Jul 2018 23:34

Instrument :

MSVOA\_W

ClientSampleId :

B-1(3.0)

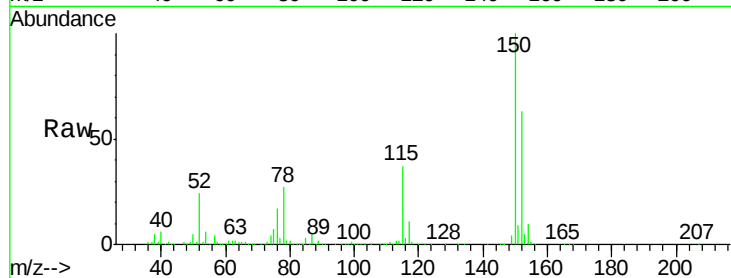
Tot Ion:152 Resp: 165123

Ion Ratio Lower Upper

152 100

115 58.2 28.9 86.8

150 158.0 0.0 342.4



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

