

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\  
 Data File : VW007733.D  
 Acq On : 20 Dec 2018 08:06  
 Operator : SY/AP  
 Sample : J6379-09RE  
 Misc : 5.39G/5ML/MSVOA W/SOIL  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS004-1824-01RE

Quant Time: Dec 20 10:20:23 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W122118S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 20 06:30:23 2018  
 Response via : Initial Calibration

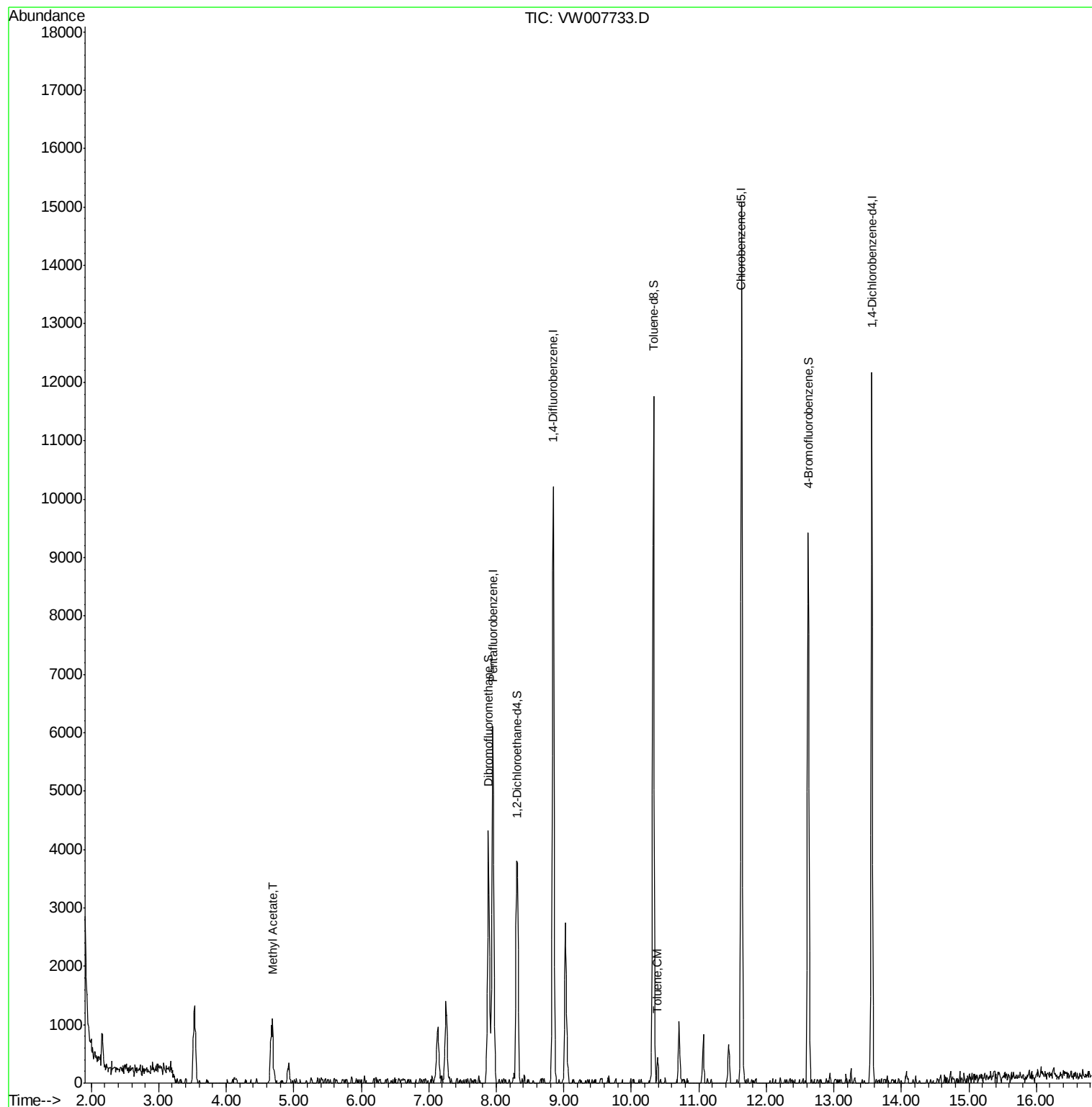
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 4690     | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 9076     | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 8788     | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 3406     | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.32  | 65   | 3692     | 71.82  | ug/l    | 0.01     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 143.64% |          |
| 35) Dibromofluoromethane    | 7.89  | 113  | 3185     | 57.52  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 115.04% |          |
| 50) Toluene-d8              | 10.33 | 98   | 8483     | 40.64  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 81.28%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 3153     | 39.10  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 78.20%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 18) Methyl Acetate          | 4.68  | 43   | 1992     | 87.015 | ug/l    | 95       |
| 52) Toluene                 | 10.39 | 92   | 238      | 1.518  | ug/l    | 100      |

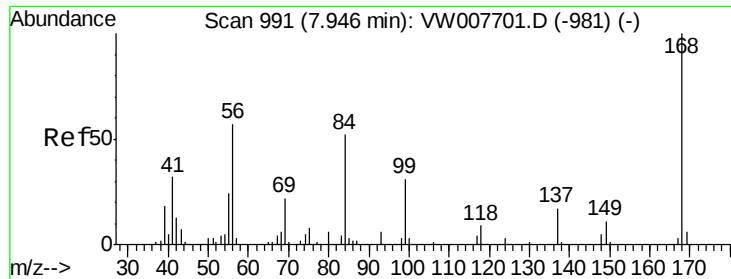
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Dec 20 06:30:23 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007733.D

Acq: 20 Dec 2018 08:06

Instrument :

MSVOA\_W

ClientSampleId :

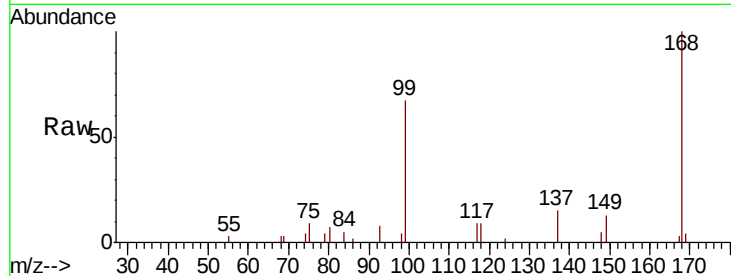
P001-SS004-1824-01RE

Tot Ion:168 Resp: 4690

Ion Ratio Lower Upper

168 100

99 67.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

2500

2000

1500

1000

500

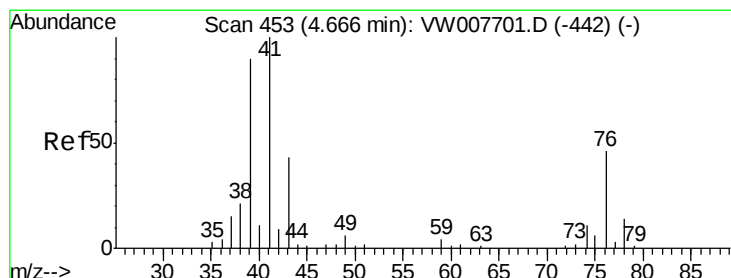
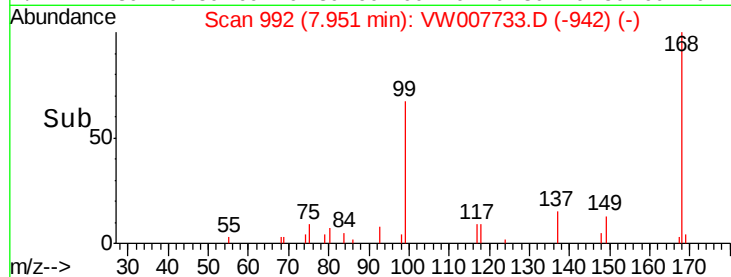
0

7.90

7.95

8.00

Time-->



#18

Methyl Acetate

Concen: 87.015 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.02 min

Lab File: VW007733.D

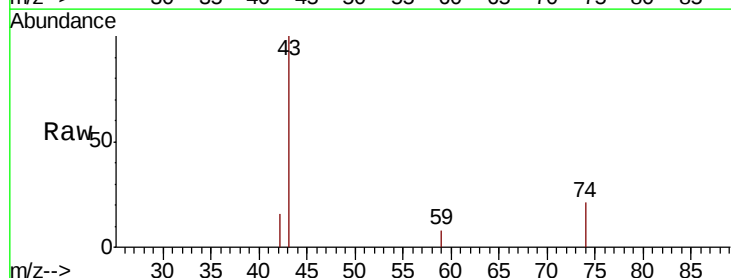
Acq: 20 Dec 2018 08:06

Tgt Ion: 43 Resp: 1992

Ion Ratio Lower Upper

43 100

74 25.7 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

800

600

400

200

0

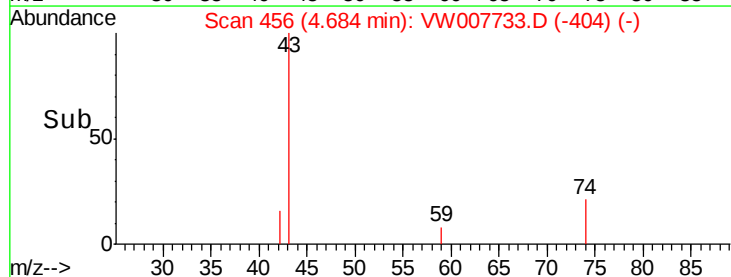
4.60

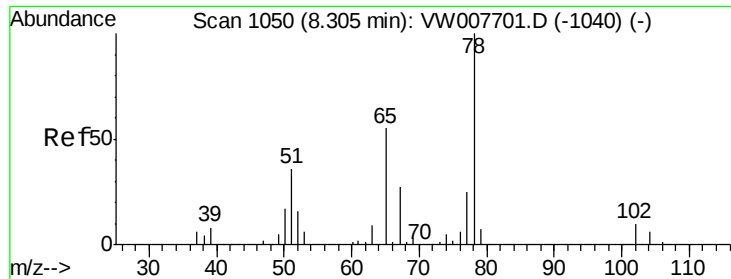
4.65

4.70

4.75

Time-->

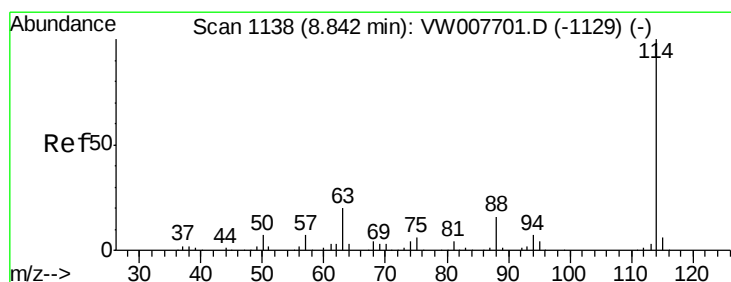
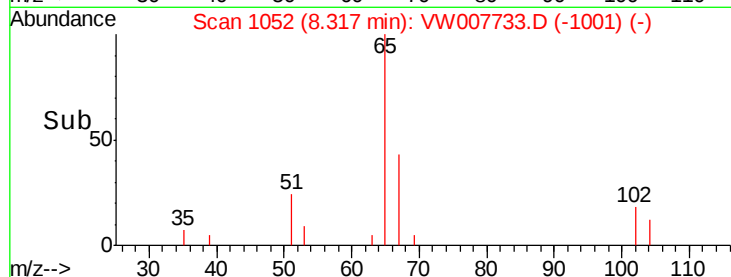
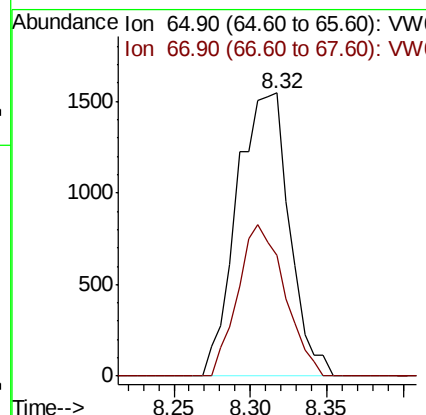
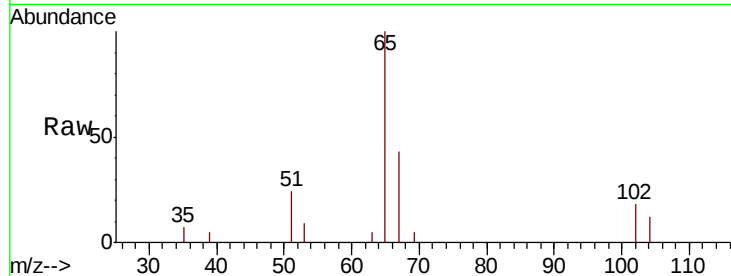




#33  
 1,2-Dichloroethane-d4  
 Concen: 71.823 ug/l  
 RT: 8.32 min Scan# 1052  
 Delta R.T. 0.01 min  
 Lab File: VW007733.D  
 Acq: 20 Dec 2018 08:06

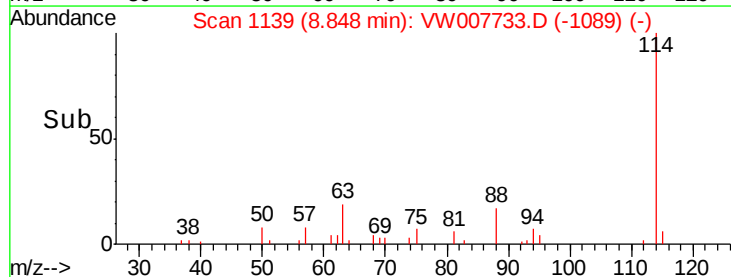
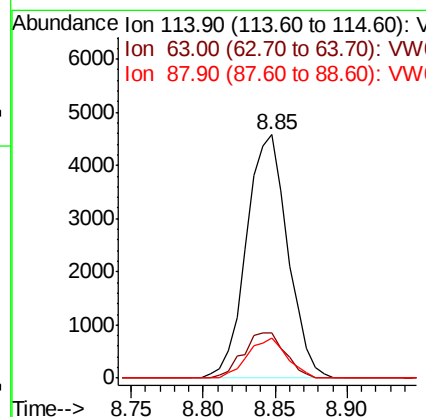
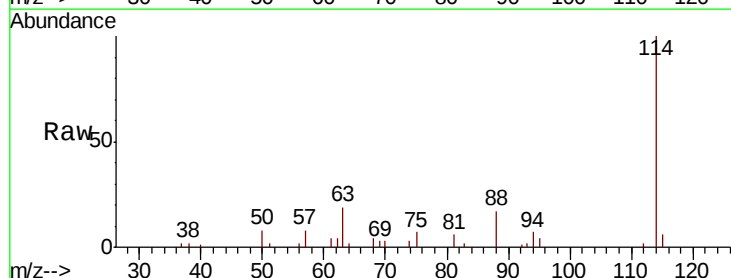
Instrument :  
 MSVOA\_W  
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 P001-SS004-1824-01RE

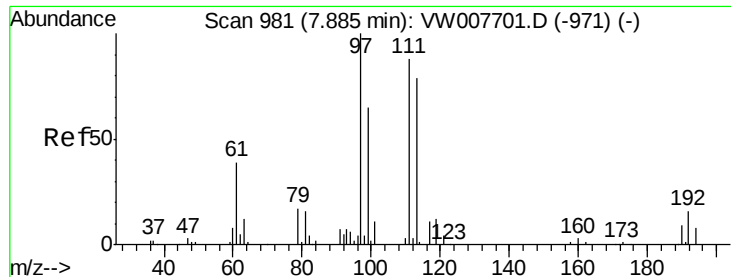
Tot Ion: 65 Resp: 3692  
 Ion Ratio Lower Upper  
 65 100  
 67 47.7 0.0 100.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.01 min  
 Lab File: VW007733.D  
 Acq: 20 Dec 2018 08:06

Tgt Ion: 114 Resp: 9076  
 Ion Ratio Lower Upper  
 114 100  
 63 18.7 0.0 40.0  
 88 16.5 0.0 32.6

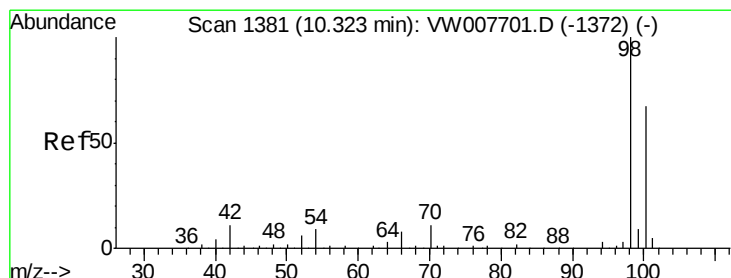
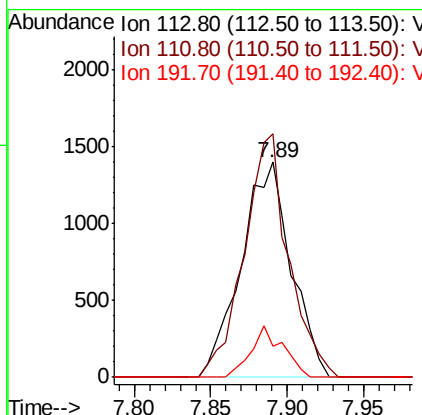
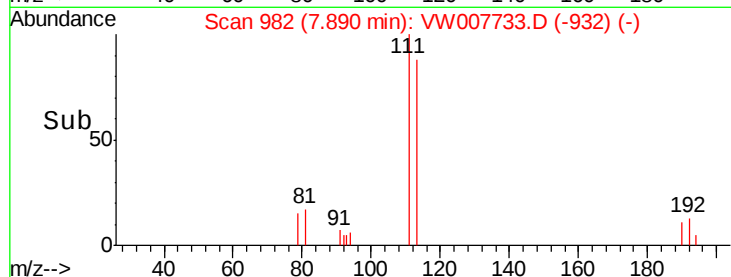
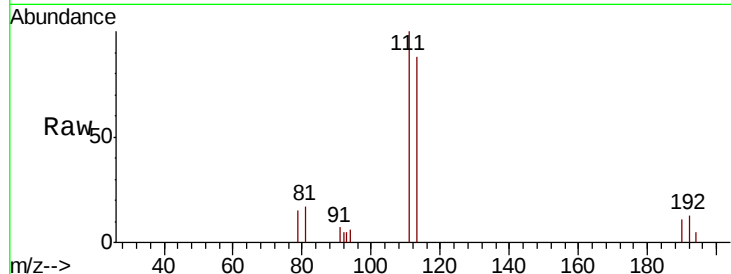




#35  
 Dibromofluoromethane  
 Concen: 57.524 ug/l  
 RT: 7.89 min Scan# 982  
 Delta R.T. 0.01 min  
 Lab File: VW007733.D  
 Acq: 20 Dec 2018 08:06

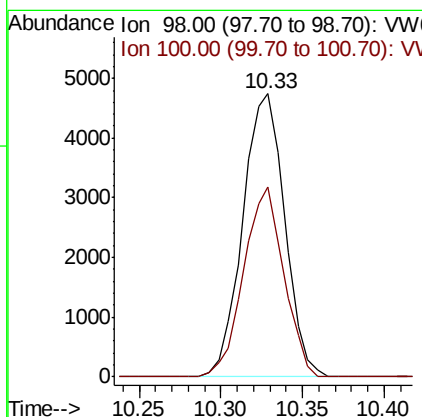
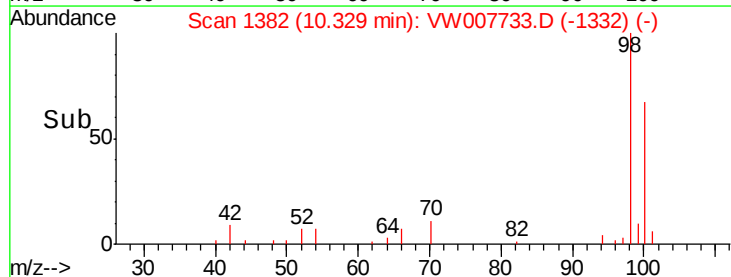
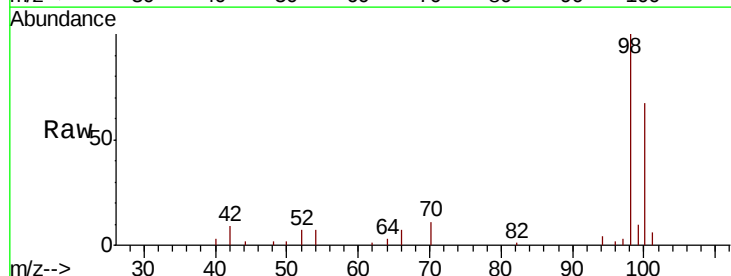
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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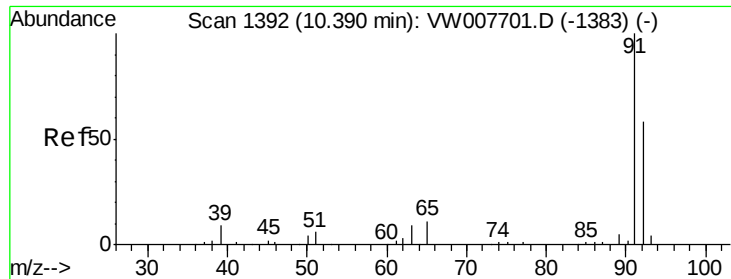
Tot Ion:113 Resp: 3185  
 Ion Ratio Lower Upper  
 113 100  
 111 100.2 82.6 124.0  
 192 15.2 15.5 23.3#



#50  
 Toluene-d8  
 Concen: 40.641 ug/l  
 RT: 10.33 min Scan# 1382  
 Delta R.T. 0.01 min  
 Lab File: VW007733.D  
 Acq: 20 Dec 2018 08:06

Tgt Ion: 98 Resp: 8483  
 Ion Ratio Lower Upper  
 98 100  
 100 64.3 52.2 78.2





#52

Toluene

Concen: 1.518 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007733.D

Acq: 20 Dec 2018 08:06

Instrument :

MSVOA\_W

ClientSampleId :

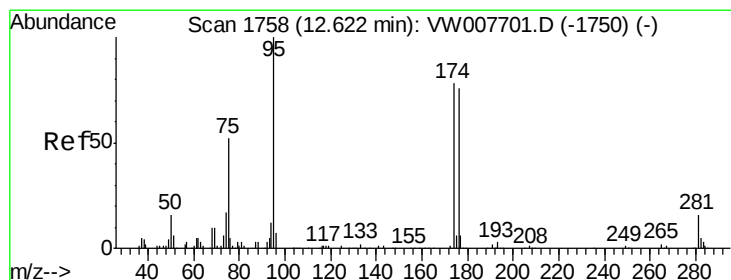
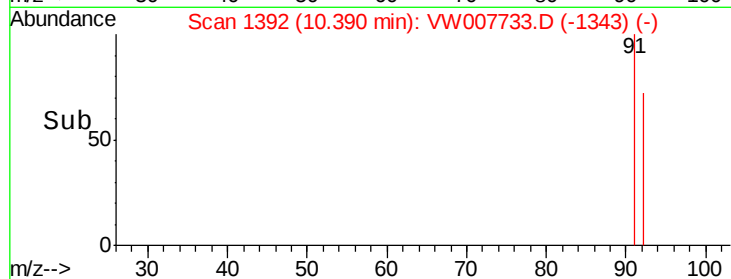
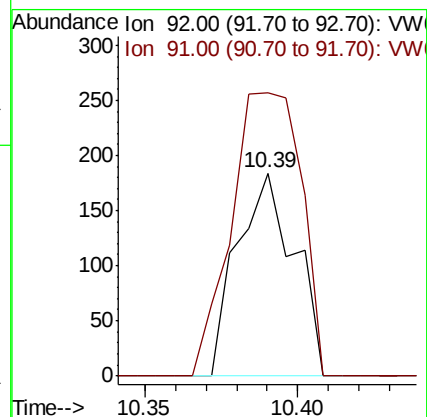
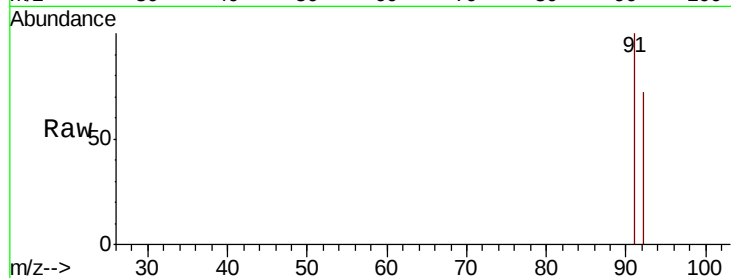
P001-SS004-1824-01RE

Tot Ion: 92 Resp: 238

Ion Ratio Lower Upper

92 100

91 171.0 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 39.101 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007733.D

Acq: 20 Dec 2018 08:06

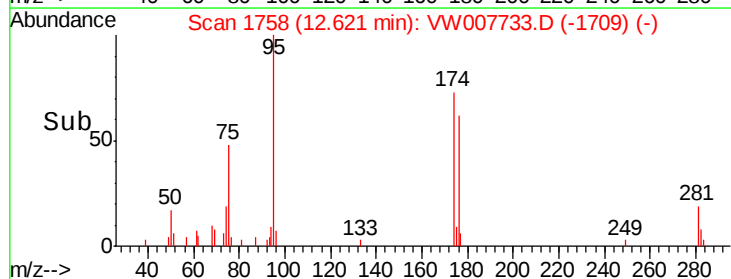
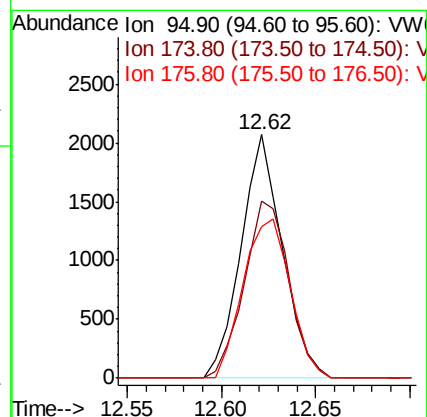
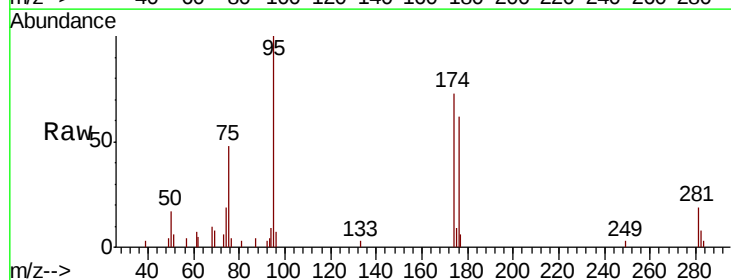
Tgt Ion: 95 Resp: 3153

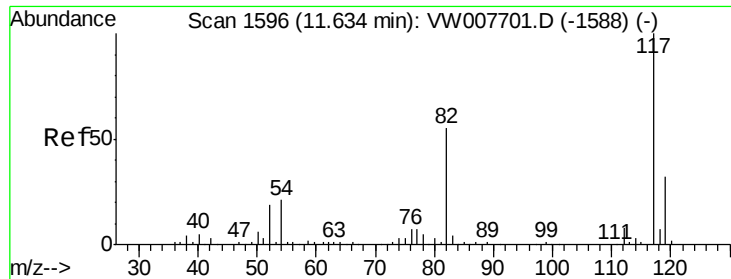
Ion Ratio Lower Upper

95 100

174 78.2 0.0 152.2

176 74.4 0.0 146.8

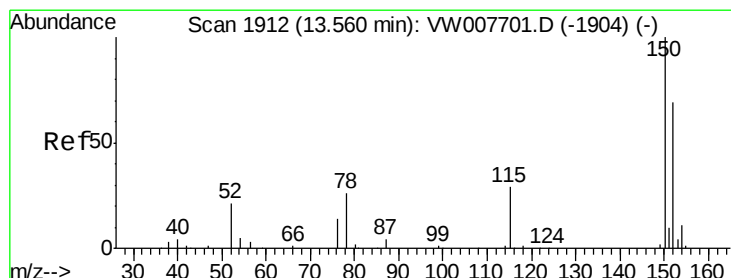
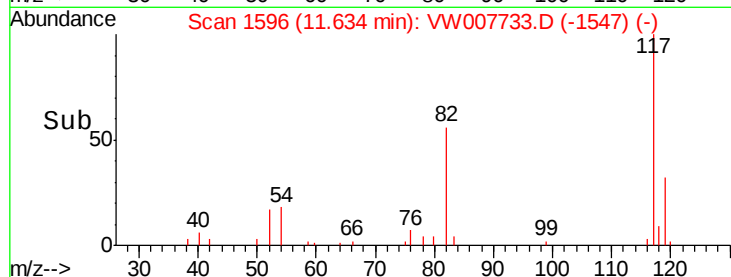
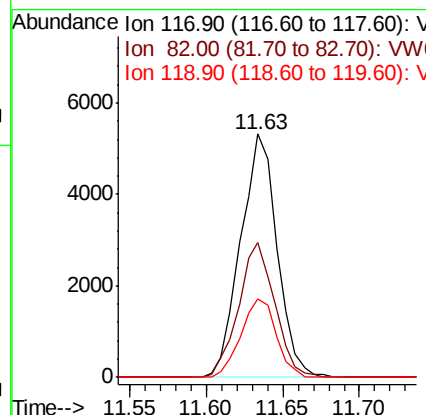
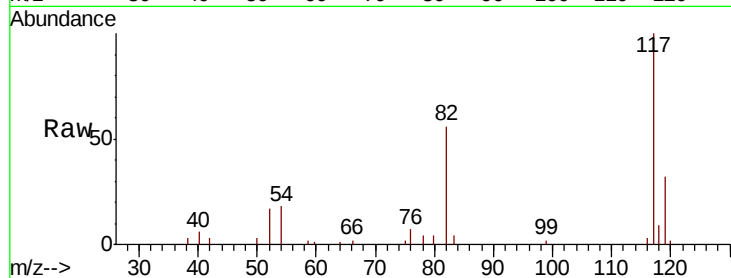




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW007733.D  
Acq: 20 Dec 2018 08:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SS004-1824-01RE

Tot Ion:117 Resp: 8788  
Ion Ratio Lower Upper  
117 100  
82 55.6 44.3 66.5  
119 32.4 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.57 min Scan# 1913  
Delta R.T. 0.01 min  
Lab File: VW007733.D  
Acq: 20 Dec 2018 08:06

Tgt Ion:152 Resp: 3406  
Ion Ratio Lower Upper  
152 100  
115 62.0 31.8 95.4  
150 158.5 0.0 350.8

