

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092218\  
 Data File : VW005568.D  
 Acq On : 21 Sep 2018 18:41  
 Operator : VA/AP  
 Sample : J4998-01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YG3-SLOAN-PARK-BRIDGE

Quant Time: Sep 21 23:42:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W092118S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 21 09:05:42 2018  
 Response via : Initial Calibration

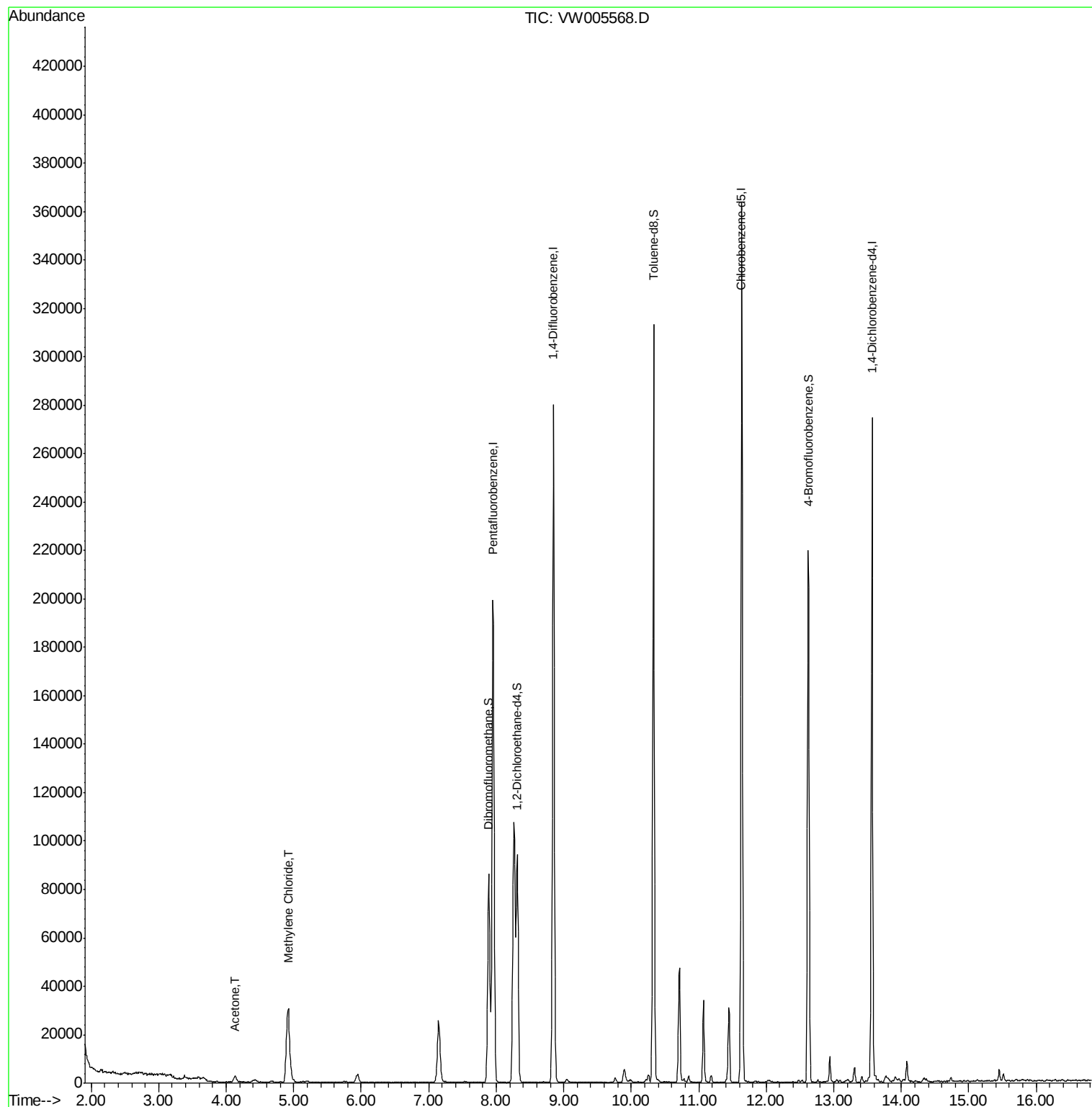
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min)   |
|-----------------------------|-------|------|----------|--------|--------|------------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 145392   | 50.00  | ug/l   | 0.00       |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 226253   | 50.00  | ug/l   | 0.00       |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 193602   | 50.00  | ug/l   | 0.00       |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 69672    | 50.00  | ug/l   | 0.00       |
| System Monitoring Compounds |       |      |          |        |        |            |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 75539    | 44.10  | ug/l   | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =      | 88.20% |            |
| 35) Dibromofluoromethane    | 7.89  | 113  | 61804    | 43.44  | ug/l   | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =      | 86.88% |            |
| 50) Toluene-d8              | 10.33 | 98   | 199556   | 34.45  | ug/l   | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =      | 68.90% |            |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 58781    | 27.42  | ug/l   | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =      | 54.84% |            |
| Target Compounds            |       |      |          |        |        |            |
| 16) Acetone                 | 4.13  | 43   | 4850     | 8.911  | ug/l   | Qvalue 100 |
| 20) Methylene Chloride      | 4.92  | 84   | 24678    | 14.119 | ug/l   | 94         |

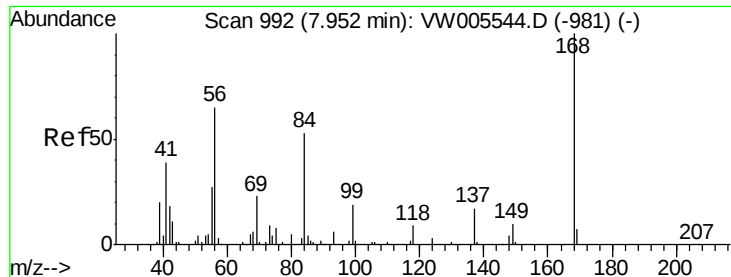
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

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MSVOA\_W  
ClientSampleId :  
YG3-SLOAN-PARK-BRIDGE

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W092118S.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 21 09:05:42 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: VW005568.D

Acq: 21 Sep 2018 18:41

Instrument :

MSVOA\_W

ClientSampleId :

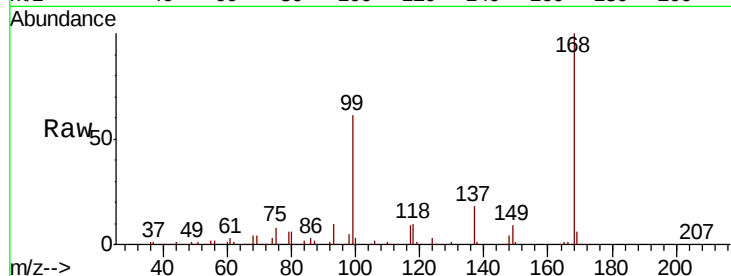
YG3-SLOAN-PARK-BRIDGE

Tot Ion:168 Resp: 145392

Ion Ratio Lower Upper

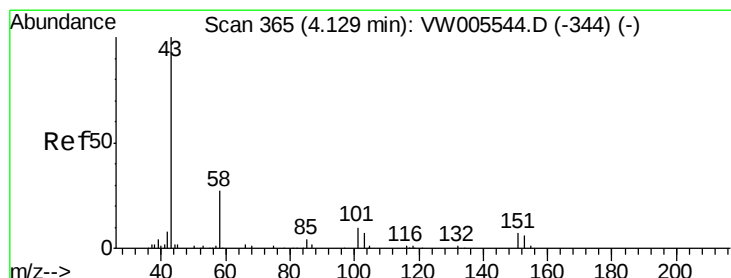
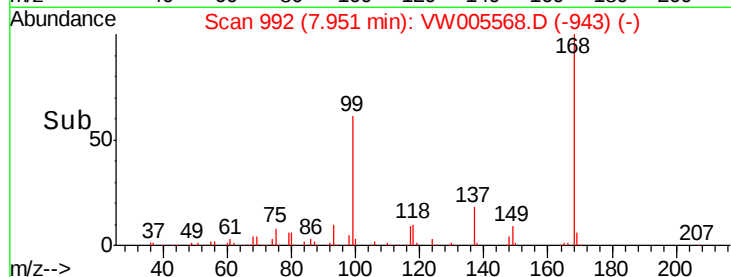
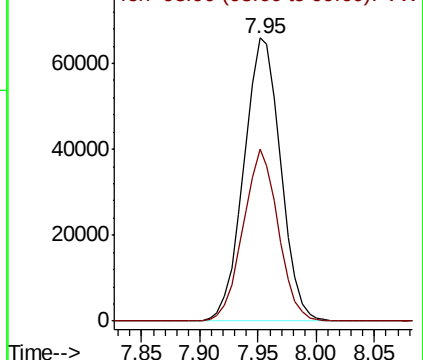
168 100

99 60.5 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 8.911 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW005568.D

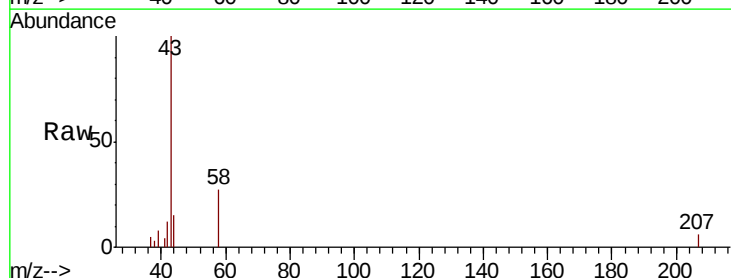
Acq: 21 Sep 2018 18:41

Tgt Ion: 43 Resp: 4850

Ion Ratio Lower Upper

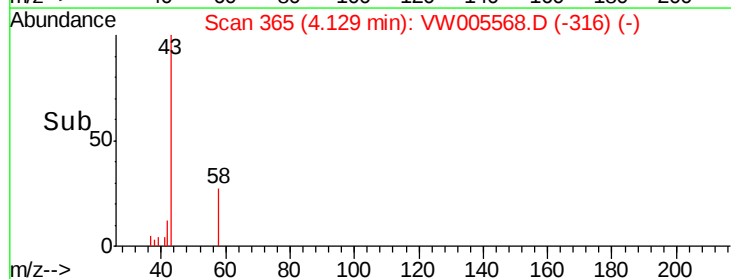
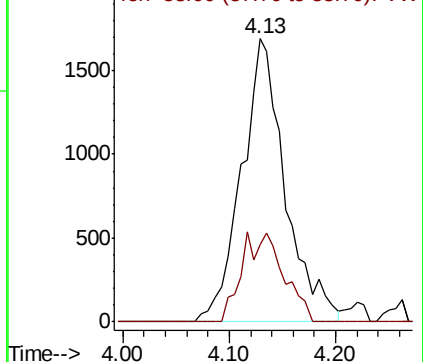
43 100

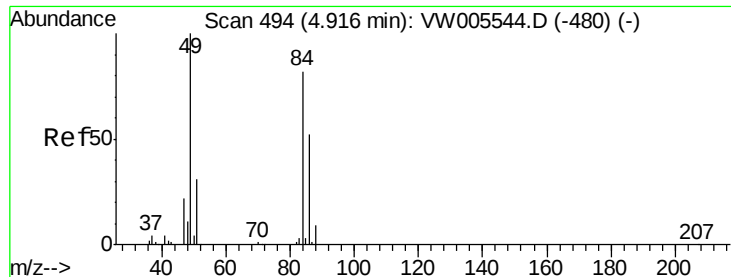
58 27.2 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

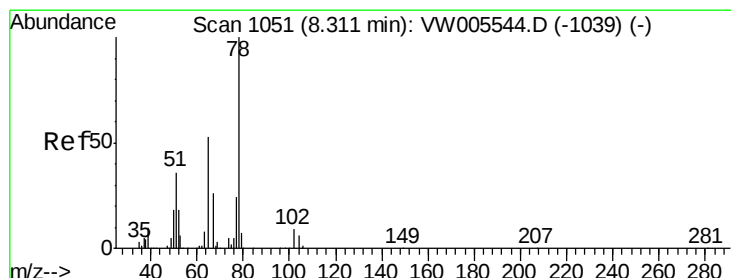
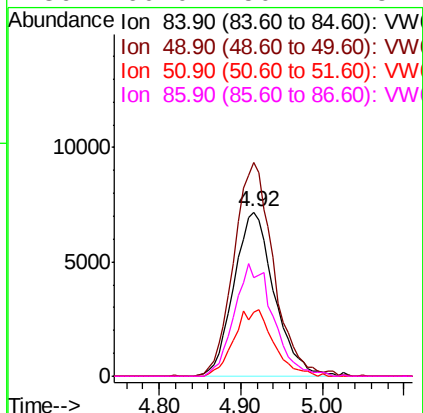
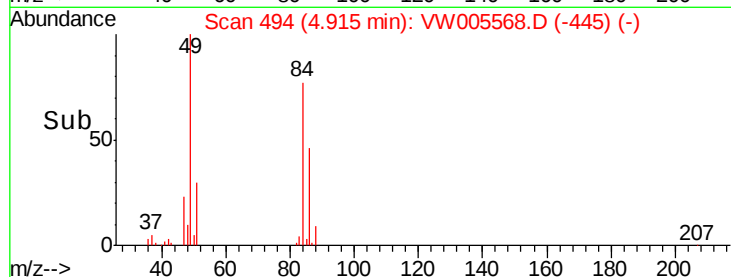
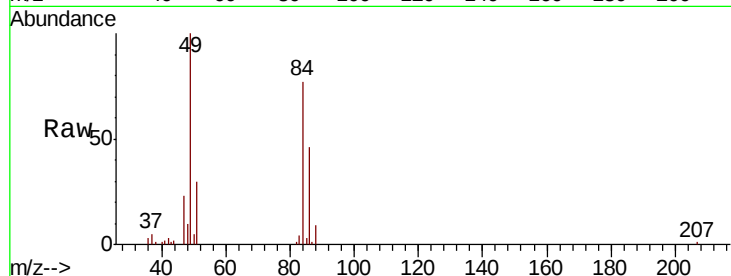




#20  
Methylene Chloride  
Concen: 14.119 ug/l  
RT: 4.92 min Scan# 494  
Delta R.T. 0.00 min  
Lab File: VW005568.D  
Acq: 21 Sep 2018 18:41

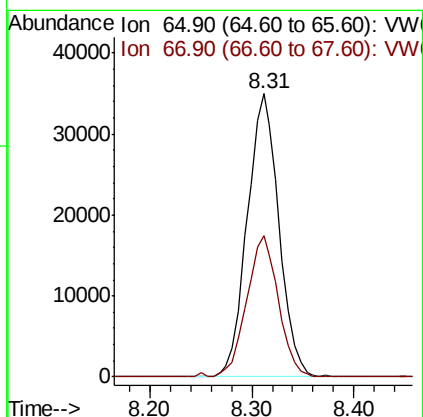
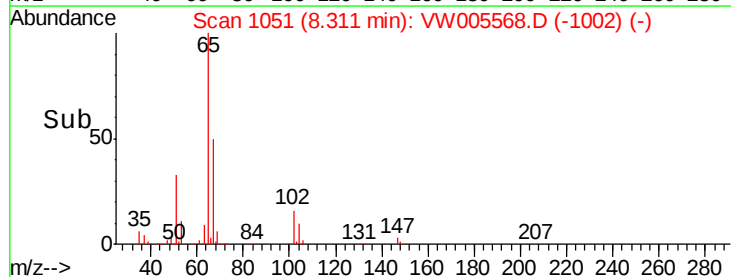
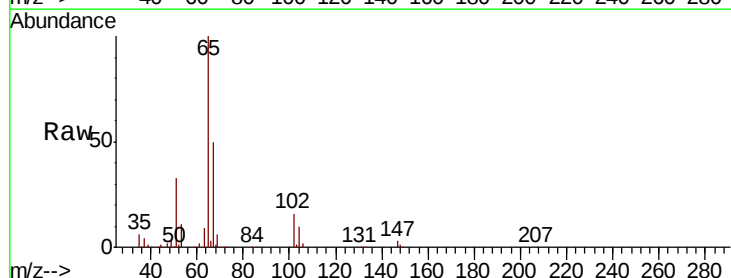
Instrument :  
MSVOA\_W  
ClientSampleId :  
YG3-SLOAN-PARK-BRIDGE

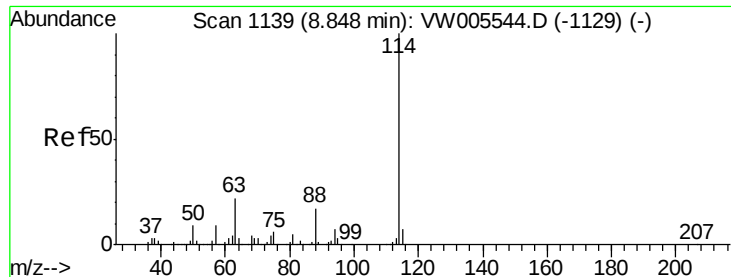
Tot Ion: 84 Resp: 24678  
Ion Ratio Lower Upper  
84 100  
49 130.2 97.0 145.6  
51 39.3 30.2 45.2  
86 60.0 50.2 75.4



#33  
1,2-Dichloroethane-d4  
Concen: 44.102 ug/l  
RT: 8.31 min Scan# 1051  
Delta R.T. -0.00 min  
Lab File: VW005568.D  
Acq: 21 Sep 2018 18:41

Tgt Ion: 65 Resp: 75539  
Ion Ratio Lower Upper  
65 100  
67 49.8 0.0 100.6

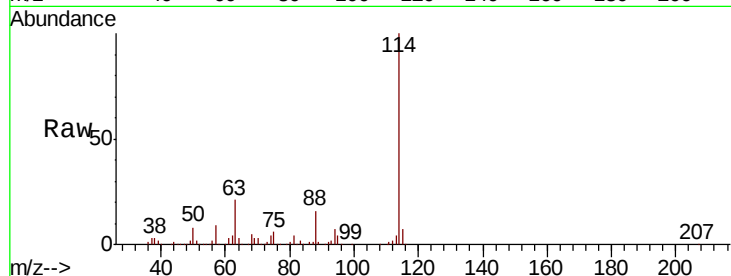




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. -0.00 min  
 Lab File: VW005568.D  
 Acq: 21 Sep 2018 18:41

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YG3-SLOAN-PARK-BRIDGE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 21.4  | 0.0   | 43.0  |
| 88      | 15.5  | 0.0   | 33.0  |

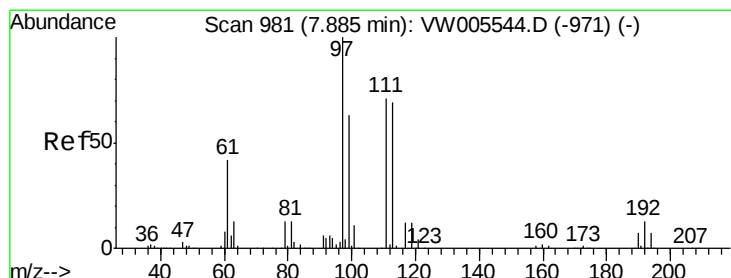
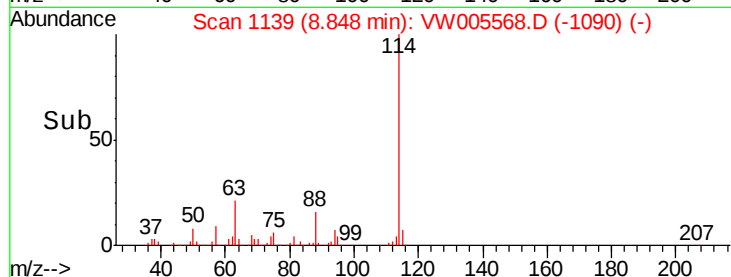
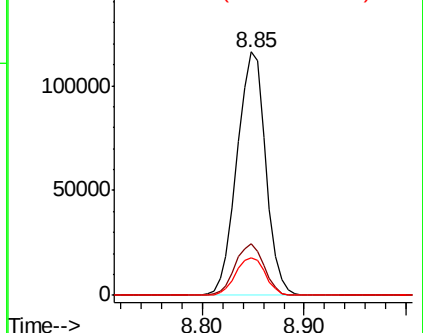


Abundance

Ion 113.90 (113.60 to 114.60): V

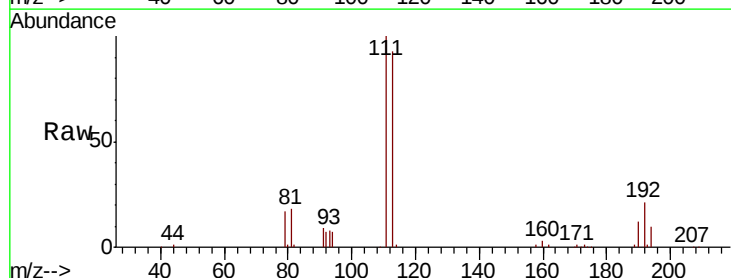
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35  
 Dibromofluoromethane  
 Concen: 43.438 ug/l  
 RT: 7.89 min Scan# 982  
 Delta R.T. 0.01 min  
 Lab File: VW005568.D  
 Acq: 21 Sep 2018 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.3 | 82.6  | 123.8 |
| 192     | 20.9  | 17.0  | 25.4  |

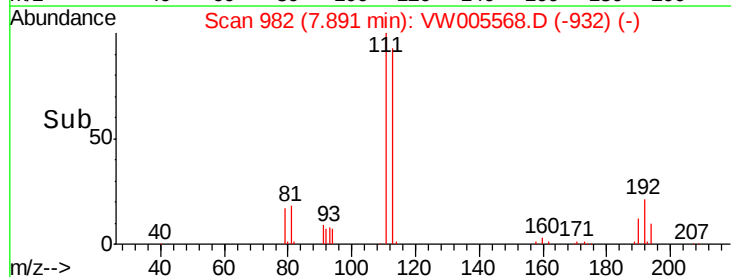
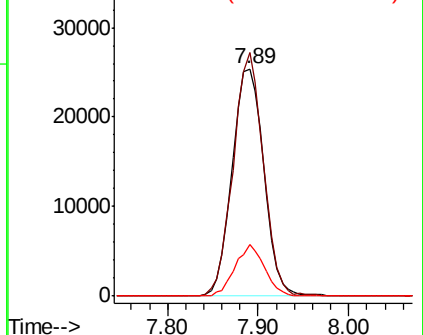


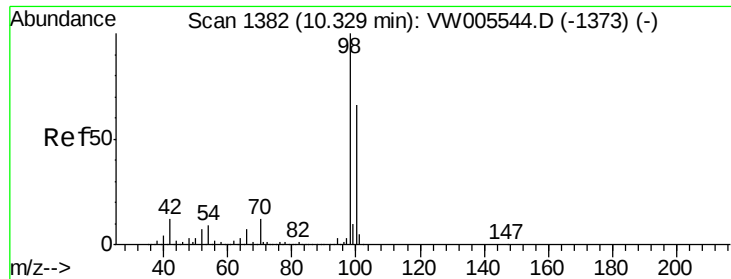
Abundance

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: 34.445 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005568.D

Acq: 21 Sep 2018 18:41

Instrument :

MSVOA\_W

ClientSampleId :

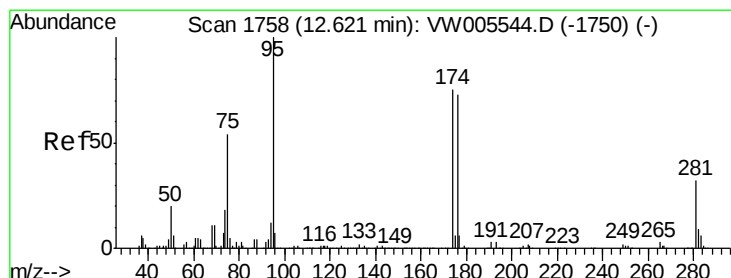
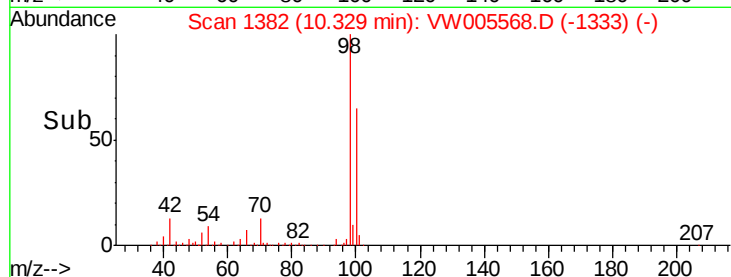
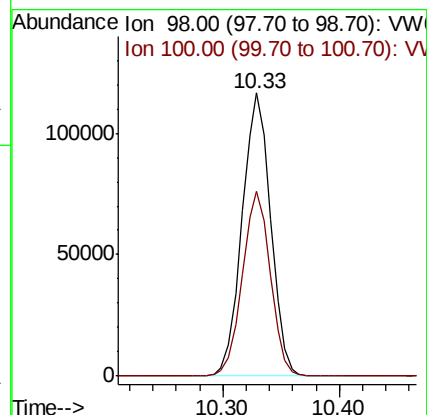
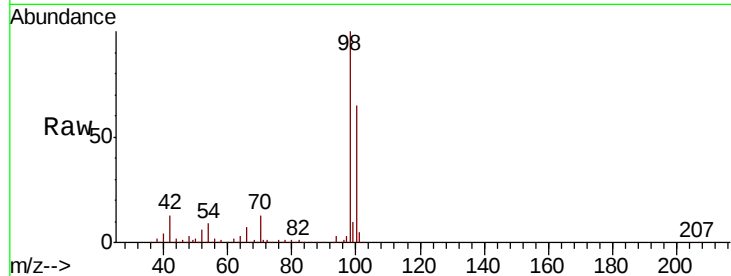
YG3-SLOAN-PARK-BRIDGE

Tot Ion: 98 Resp: 199556

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 27.420 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005568.D

Acq: 21 Sep 2018 18:41

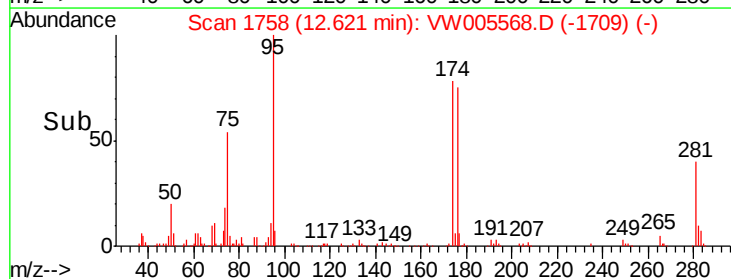
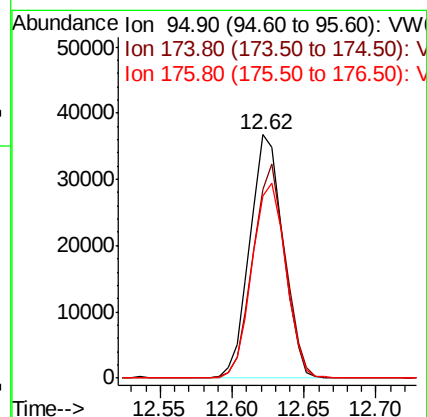
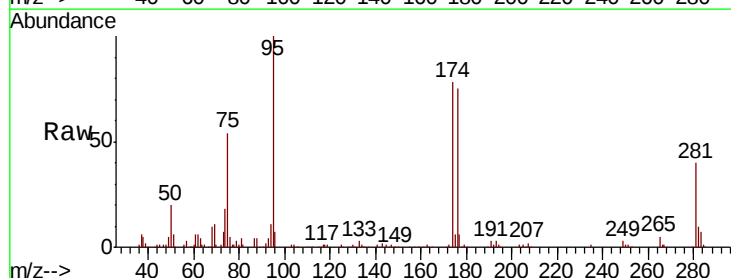
Tgt Ion: 95 Resp: 58781

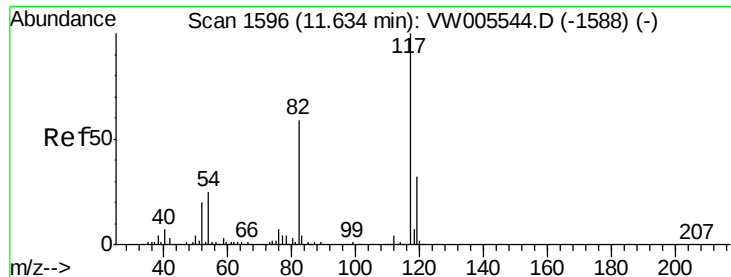
Ion Ratio Lower Upper

95 100

174 86.4 0.0 163.8

176 81.4 0.0 158.0

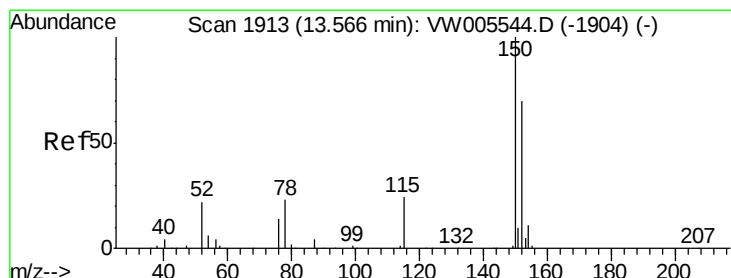
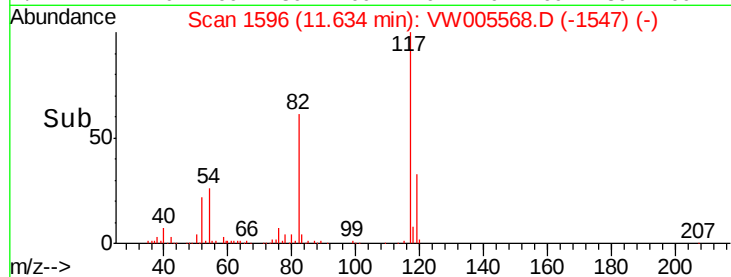
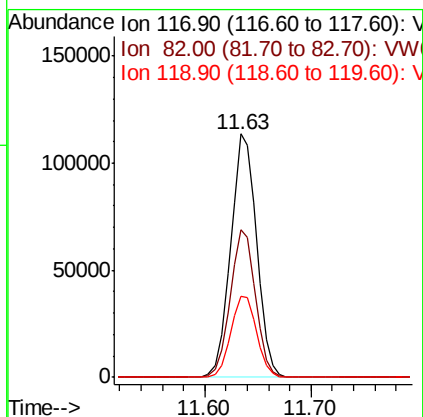
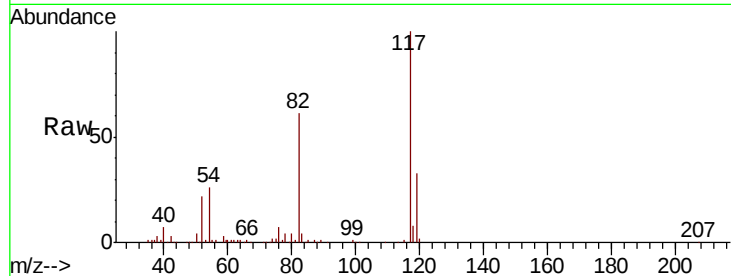




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW005568.D  
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Tot Ion:117 Resp: 193602  
Ion Ratio Lower Upper  
117 100  
82 60.8 46.9 70.3  
119 33.1 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.57 min Scan# 1913  
Delta R.T. -0.00 min  
Lab File: VW005568.D  
Acq: 21 Sep 2018 18:41

Tgt Ion:152 Resp: 69672  
Ion Ratio Lower Upper  
152 100  
115 60.9 30.0 90.0  
150 158.2 0.0 348.6

