

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\  
 Data File : VW006262.D  
 Acq On : 22 Oct 2018 19:53  
 Operator : VA/AP  
 Sample : J5618-07  
 Misc : 5.68/5ML/MSVOA W/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SSSI-1019-S-DH-16

Quant Time: Oct 23 04:53:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W101518S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 18 17:01:24 2018  
 Response via : Initial Calibration

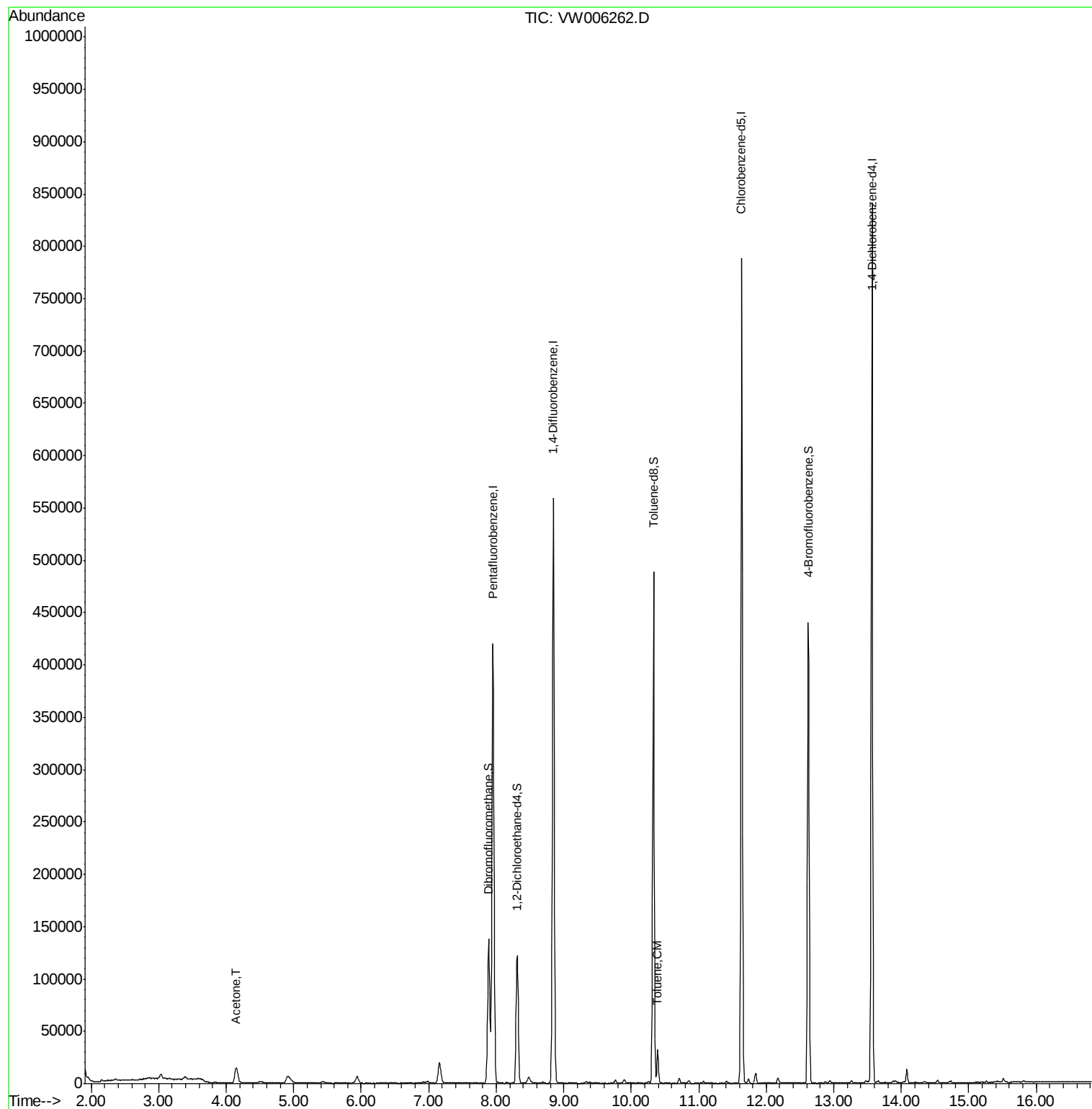
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 337836   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 493680   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 452747   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 236585   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 96656    | 34.51  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 69.02% |          |
| 35) Dibromofluoromethane    | 7.89  | 113  | 96354    | 33.03  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 66.06% |          |
| 50) Toluene-d8              | 10.33 | 98   | 331197   | 29.84  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 59.68% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 130098   | 31.21  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 62.42% |          |
| Target Compounds            |       |      |          |        |        |          |
| 16) Acetone                 | 4.15  | 43   | 31151    | 47.279 | ug/l   | 98       |
| 52) Toluene                 | 10.39 | 92   | 13379    | 1.599  | ug/l   | 99       |

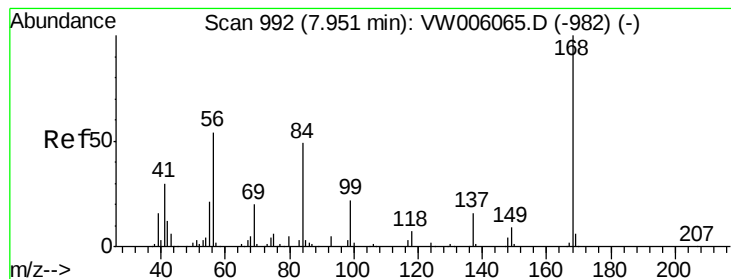
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102218\  
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SSSI-1019-S-DH-16

Quant Time: Oct 23 04:53:53 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W101518S.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 18 17:01:24 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: VW006262.D

Acq: 22 Oct 2018 19:53

Instrument :

MSVOA\_W

ClientSampleId :

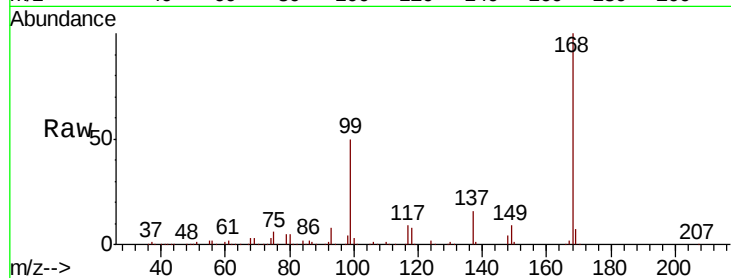
SSSI-1019-S-DH-16

Tot Ion:168 Resp: 337836

Ion Ratio Lower Upper

168 100

99 49.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

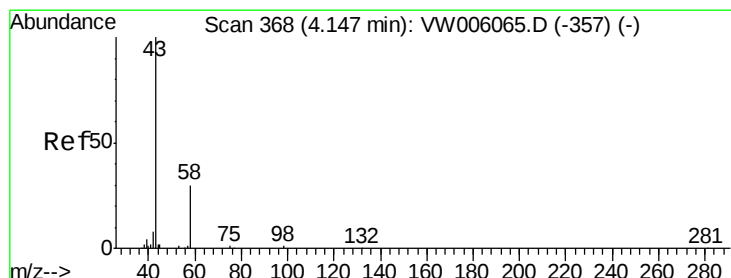
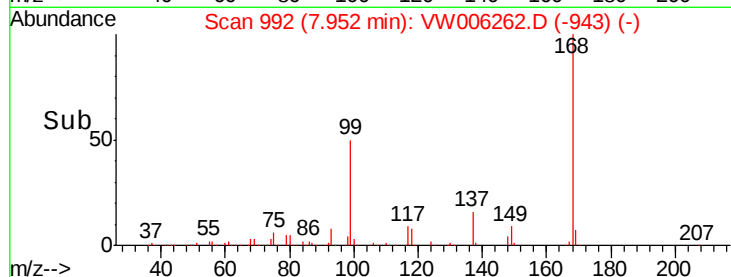
100000

50000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 47.279 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006262.D

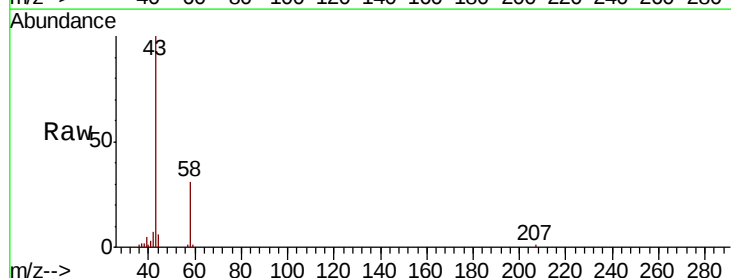
Acq: 22 Oct 2018 19:53

Tgt Ion: 43 Resp: 31151

Ion Ratio Lower Upper

43 100

58 30.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

10000

8000

6000

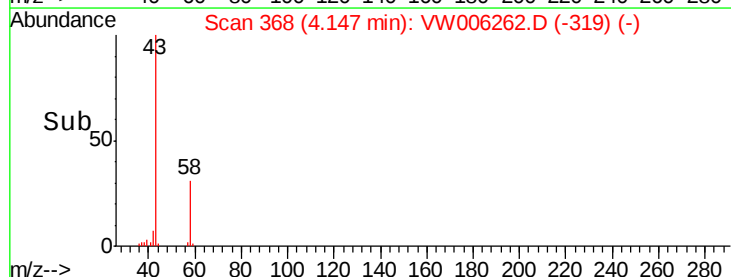
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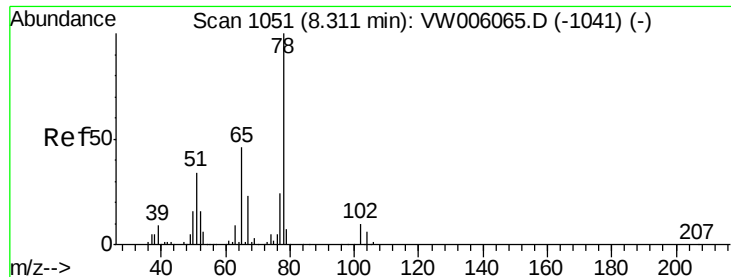
2000

0

4.00 4.10 4.20 4.30

Time-->

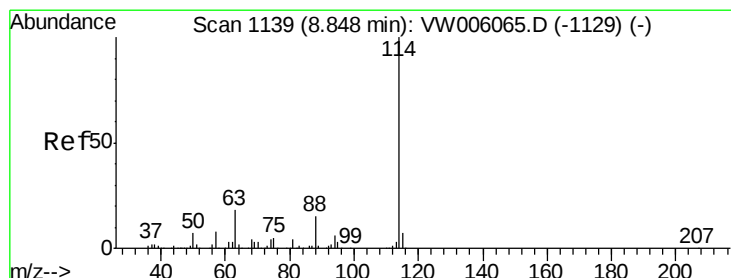
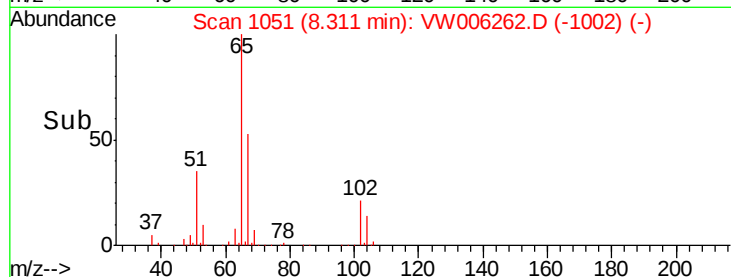
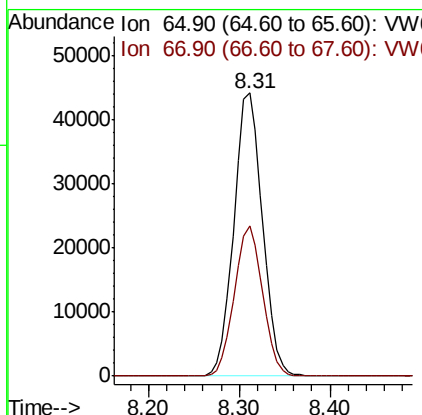
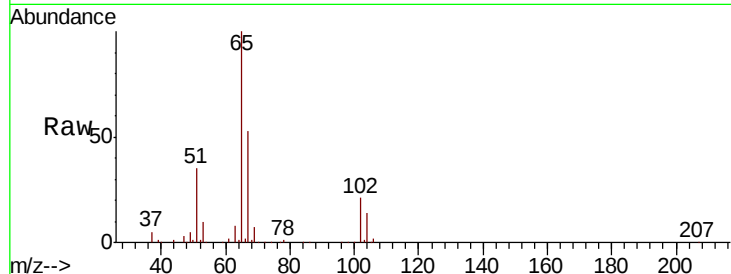




#33  
 1,2-Dichloroethane-d4  
 Concen: 34.510 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: VW006262.D  
 Acq: 22 Oct 2018 19:53

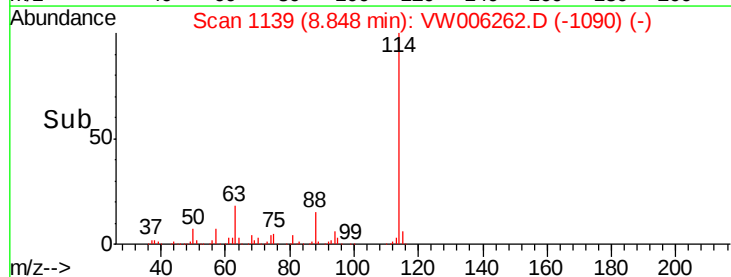
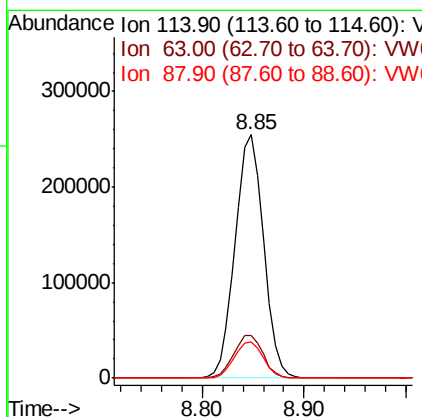
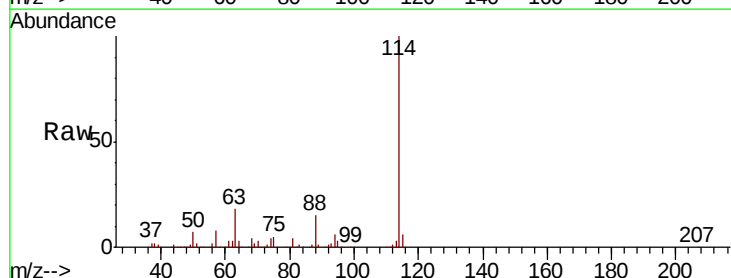
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SSSI-1019-S-DH-16

Tot Ion: 65 Resp: 96656  
 Ion Ratio Lower Upper  
 65 100  
 67 52.4 0.0 101.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: VW006262.D  
 Acq: 22 Oct 2018 19:53

Tgt Ion: 114 Resp: 493680  
 Ion Ratio Lower Upper  
 114 100  
 63 17.8 0.0 36.8  
 88 14.8 0.0 29.0

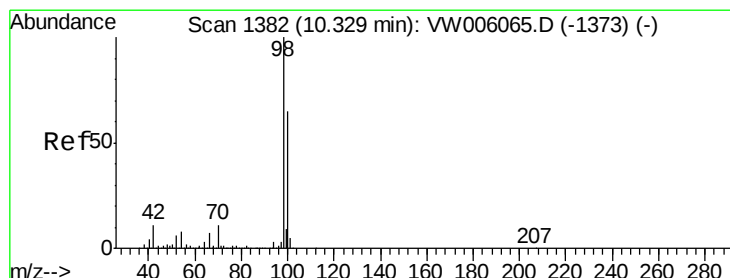
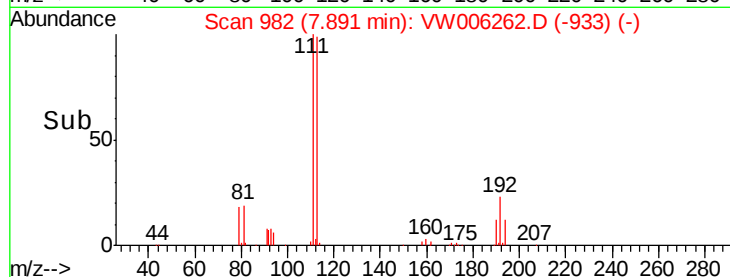
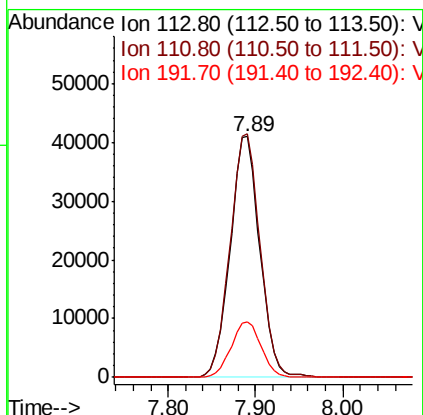
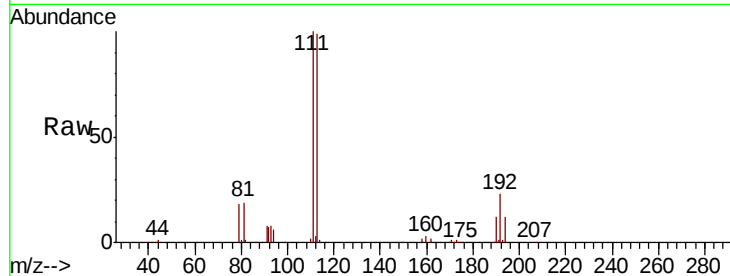




#35  
 Dibromofluoromethane  
 Concen: 33.030 ug/l  
 RT: 7.89 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: VW006262.D  
 Acq: 22 Oct 2018 19:53

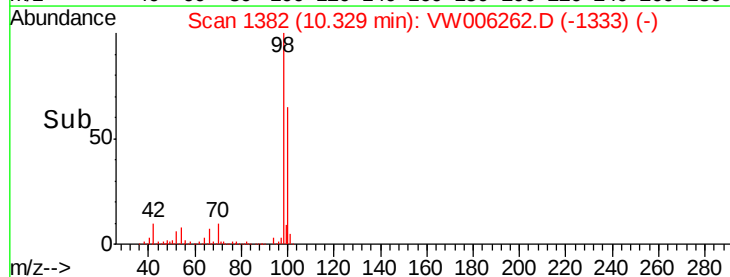
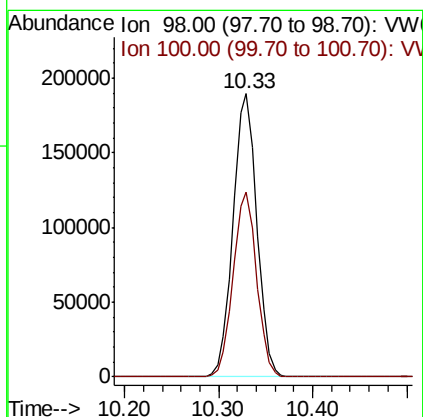
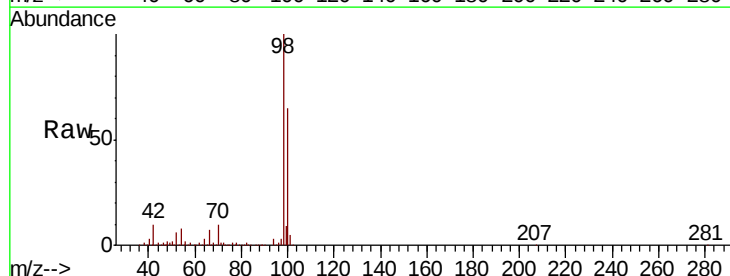
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SSSI-1019-S-DH-16

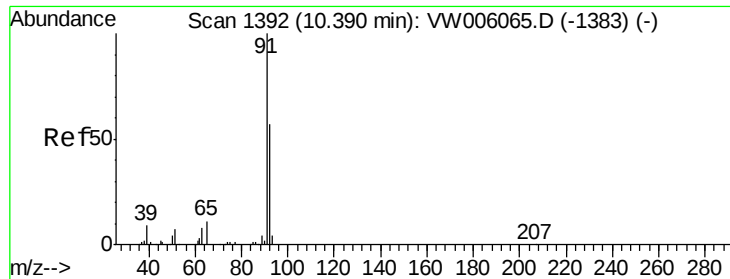
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.3 | 81.4  | 122.0 |
| 192     | 23.4  | 18.7  | 28.1  |



#50  
 Toluene-d8  
 Concen: 29.842 ug/l  
 RT: 10.33 min Scan# 1382  
 Delta R.T. 0.00 min  
 Lab File: VW006262.D  
 Acq: 22 Oct 2018 19:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.6  | 51.6  | 77.4  |





#52

Toluene

Concen: 1.599 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006262.D

Acq: 22 Oct 2018 19:53

Instrument :

MSVOA\_W

ClientSampleId :

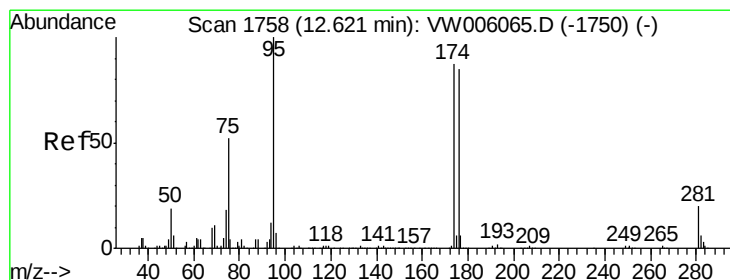
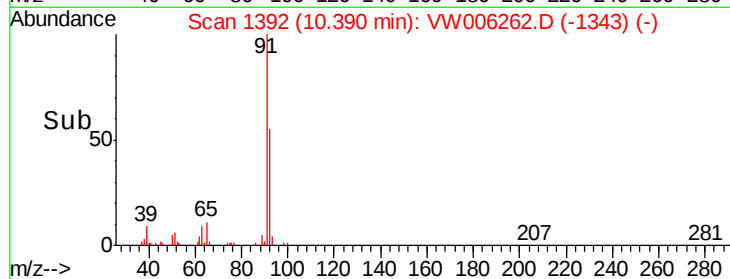
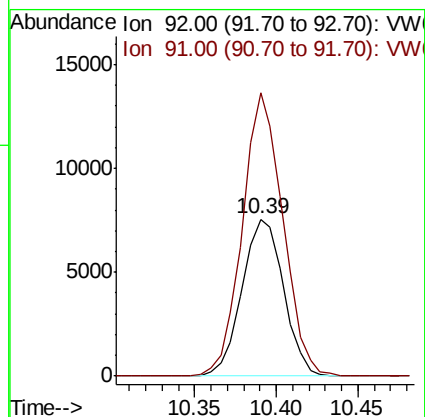
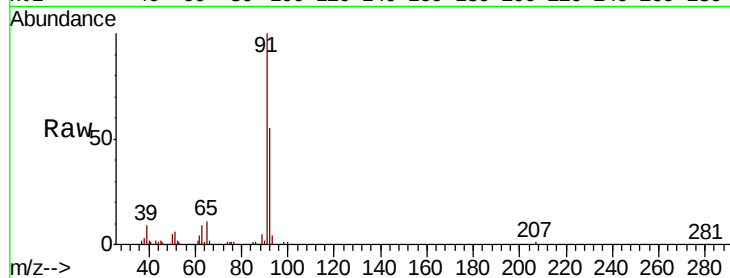
SSSI-1019-S-DH-16

Tot Ion: 92 Resp: 13379

Ion Ratio Lower Upper

92 100

91 175.8 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 31.211 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006262.D

Acq: 22 Oct 2018 19:53

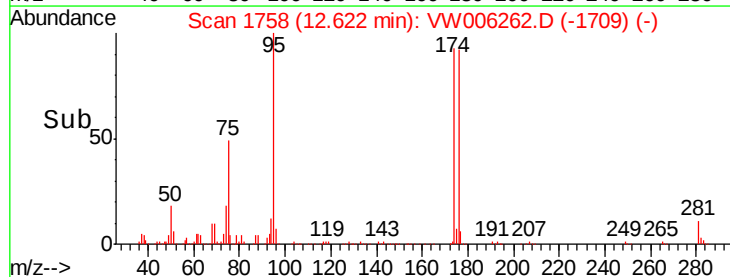
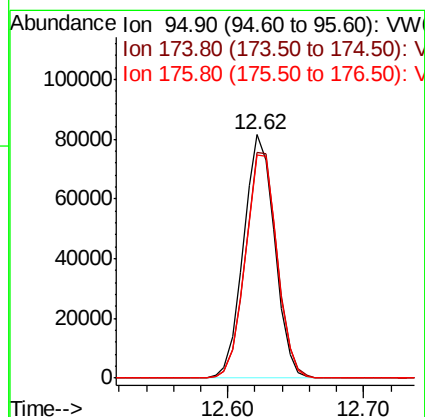
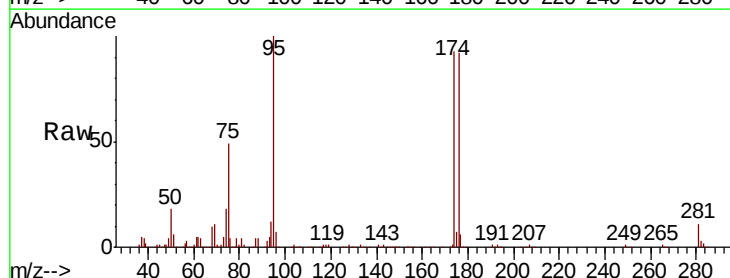
Tgt Ion: 95 Resp: 130098

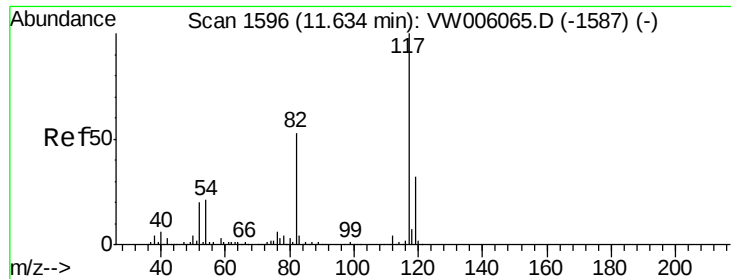
Ion Ratio Lower Upper

95 100

174 94.8 0.0 186.0

176 94.0 0.0 181.6

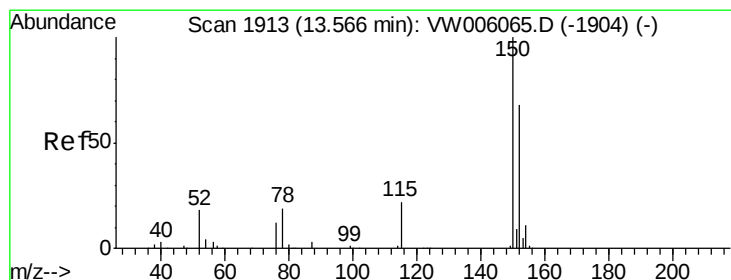
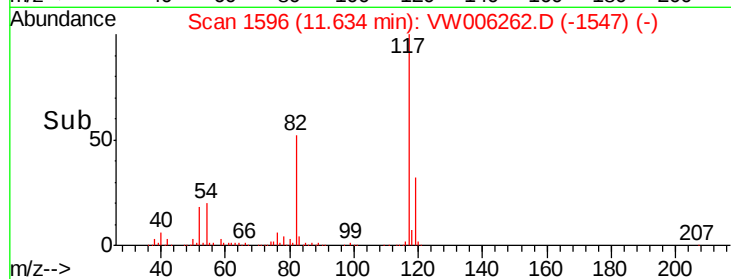
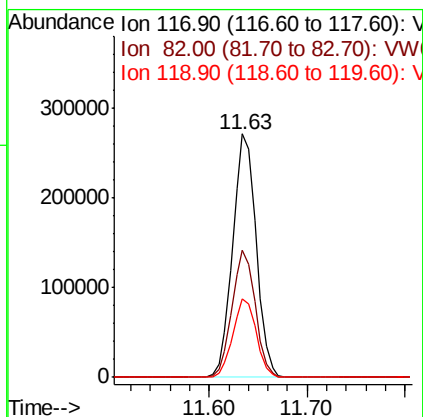
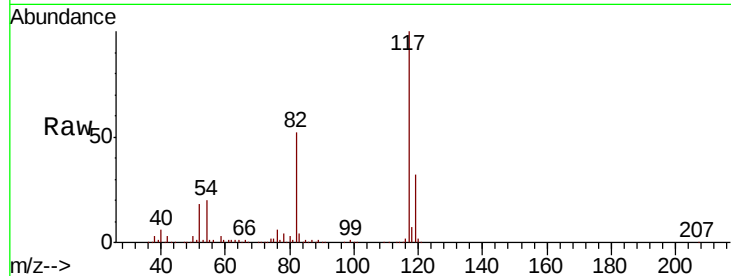




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW006262.D  
Acq: 22 Oct 2018 19:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
SSSI-1019-S-DH-16

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.2  | 42.1  | 63.1  |
| 119     | 32.1  | 25.8  | 38.6  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.57 min Scan# 1913  
Delta R.T. 0.00 min  
Lab File: VW006262.D  
Acq: 22 Oct 2018 19:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 54.9  | 27.8  | 83.3  |
| 150     | 157.3 | 0.0   | 349.2 |

