

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090118\  
 Data File : VW005069.D  
 Acq On : 01 Sep 2018 06:59  
 Operator : SY/AP  
 Sample : J4654-01RE  
 Misc : 2.96G/5ML/MSVOA W/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ENY-SB-03-1.5-2RE

Quant Time: Sep 04 00:51:39 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W090118S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 01 03:35:05 2018  
 Response via : Initial Calibration

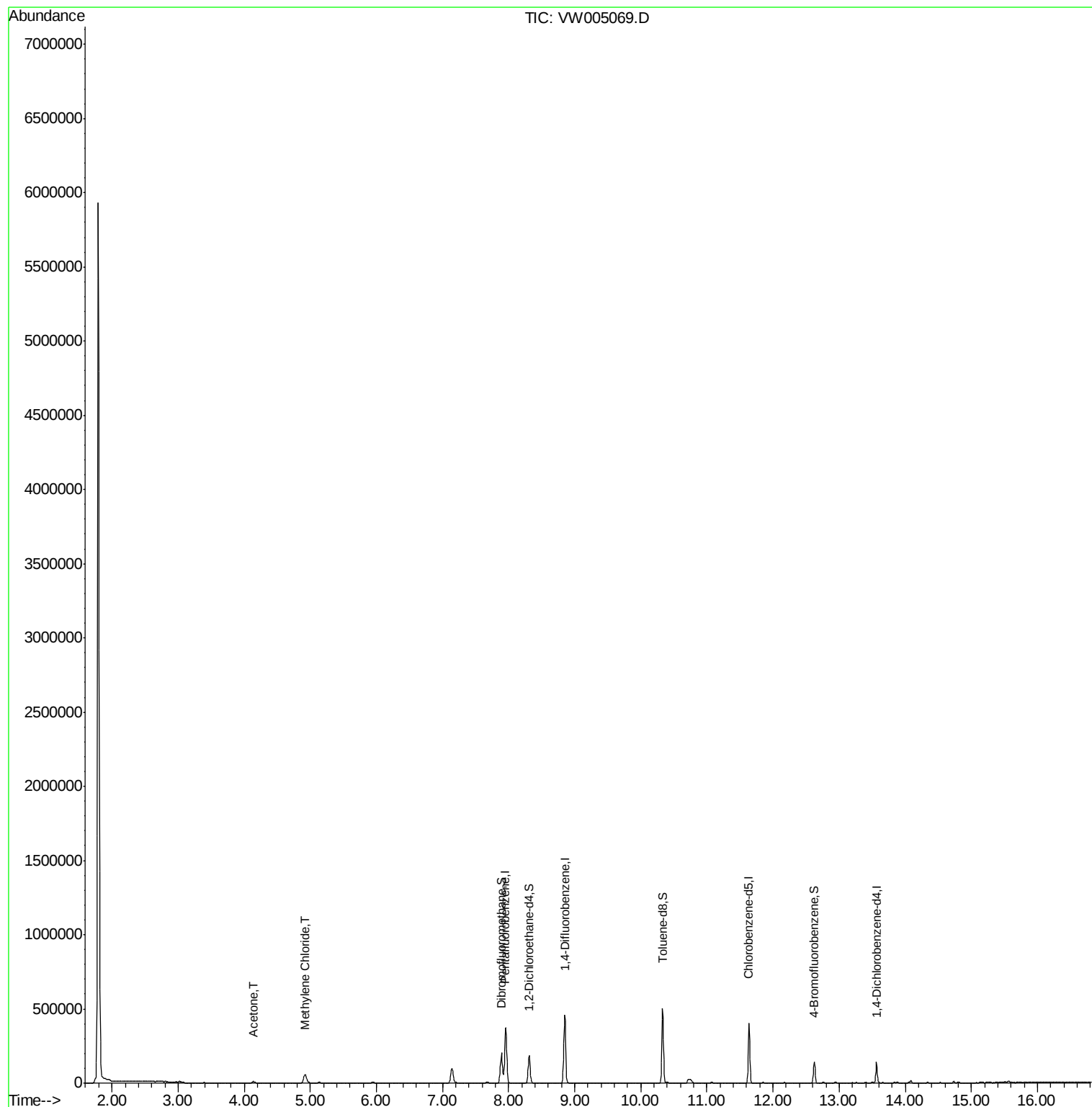
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)    |
|-----------------------------|-------|------|----------|-------|---------|-------------|
| 1) Pentafluorobenzene       | 7.96  | 168  | 305830   | 50.00 | ug/l    | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 401656   | 50.00 | ug/l    | 0.00        |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 248555   | 50.00 | ug/l    | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 38117    | 50.00 | ug/l    | 0.00        |
| System Monitoring Compounds |       |      |          |       |         |             |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 143990   | 56.80 | ug/l    | 0.00        |
| Spiked Amount 50.000        |       |      | Recovery | =     | 113.60% |             |
| 35) Dibromofluoromethane    | 7.89  | 113  | 147273   | 63.45 | ug/l    | 0.00        |
| Spiked Amount 50.000        |       |      | Recovery | =     | 126.90% |             |
| 50) Toluene-d8              | 10.33 | 98   | 346169   | 32.37 | ug/l    | 0.00        |
| Spiked Amount 50.000        |       |      | Recovery | =     | 64.74%  |             |
| 62) 4-Bromofluorobenzene    | 12.63 | 95   | 41863    | 11.10 | ug/l    | 0.00        |
| Spiked Amount 50.000        |       |      | Recovery | =     | 22.20%  |             |
| Target Compounds            |       |      |          |       |         |             |
| 16) Acetone                 | 4.14  | 43   | 16760    | 32.96 | ug/l    | Qvalue # 82 |
| 20) Methylene Chloride      | 4.92  | 84   | 47259    | 10.70 | ug/l    | 99          |

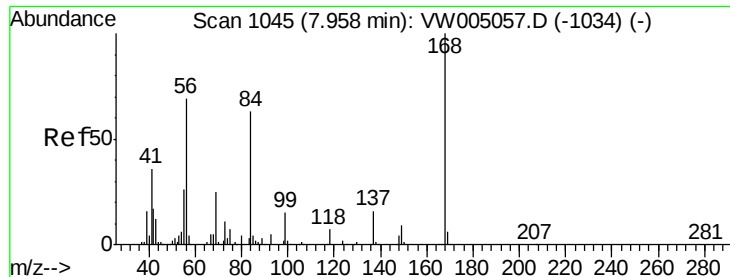
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090118\  
Data File : VW005069.D  
Acq On : 01 Sep 2018 06:59  
Operator : SY/AP  
Sample : J4654-01RE  
Misc : 2.96G/5ML/MSVOA W/SOIL  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ENY-SB-03-1.5-2RE

Quant Time: Sep 04 00:51:39 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W090118S.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 01 03:35:05 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005069.D

Acq: 01 Sep 2018 06:59

Instrument :

MSVOA\_W

ClientSampleId :

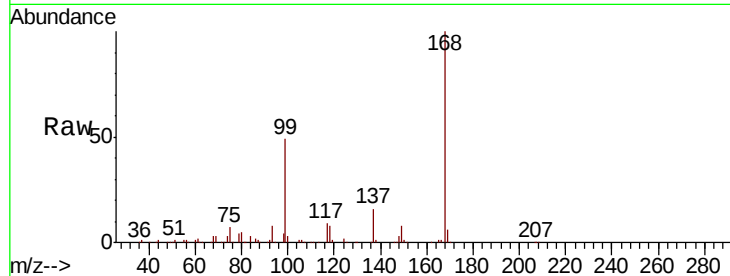
ENY-SB-03-1.5-2RE

Tot Ion:168 Resp: 305830

Ion Ratio Lower Upper

168 100

99 49.0 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

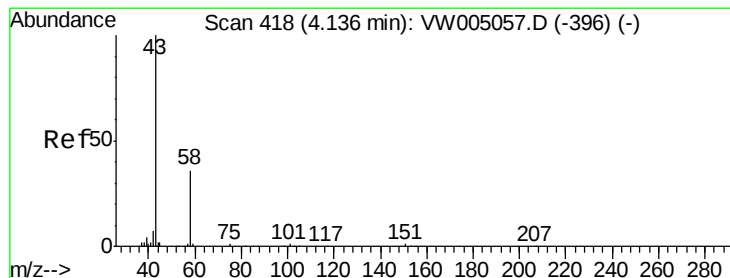
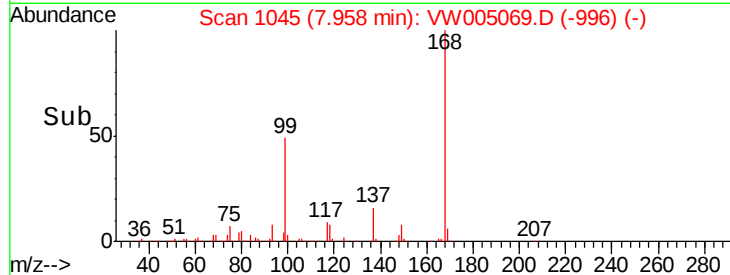
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 32.96 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW005069.D

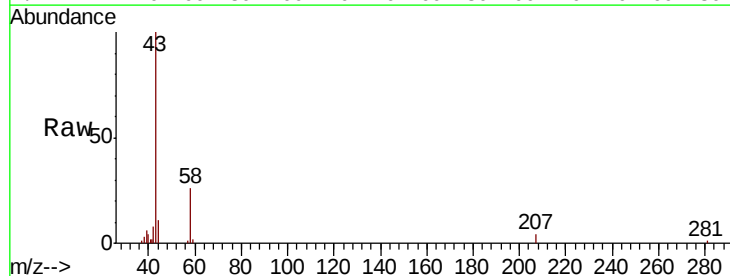
Acq: 01 Sep 2018 06:59

Tgt Ion: 43 Resp: 16760

Ion Ratio Lower Upper

43 100

58 25.7 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

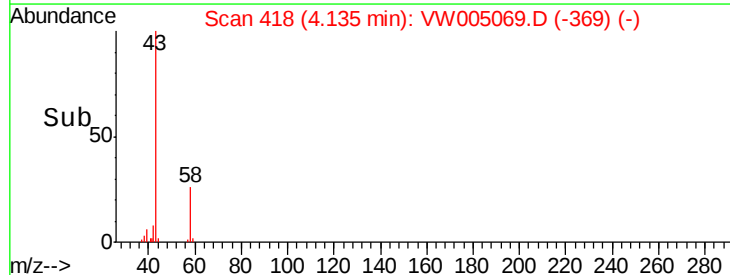
6000

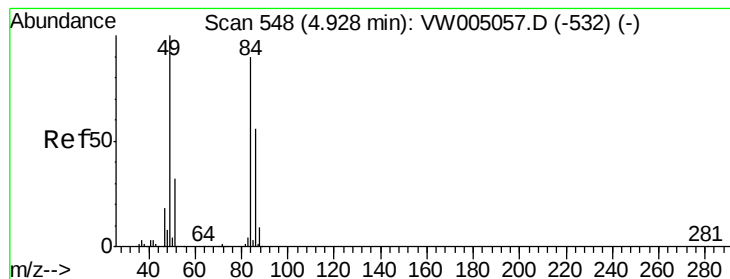
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 10.70 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005069.D

Acq: 01 Sep 2018 06:59

Instrument :

MSVOA\_W

ClientSampleId :

ENY-SB-03-1.5-2RE

Tot Ion: 84 Resp: 47259

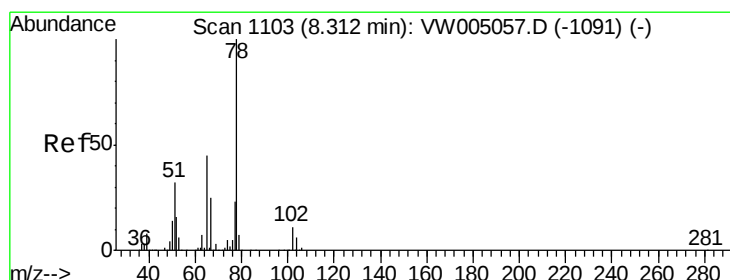
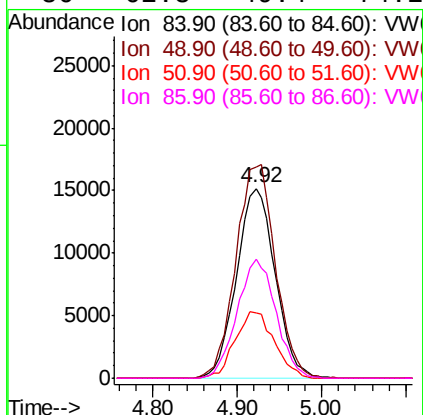
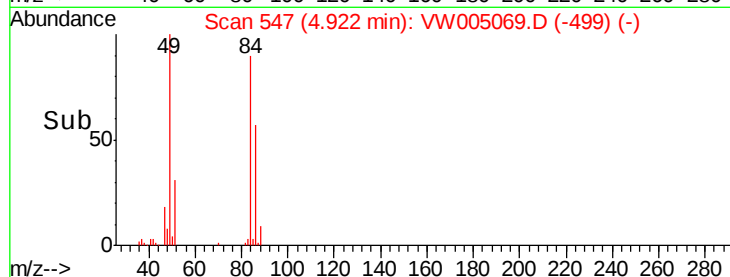
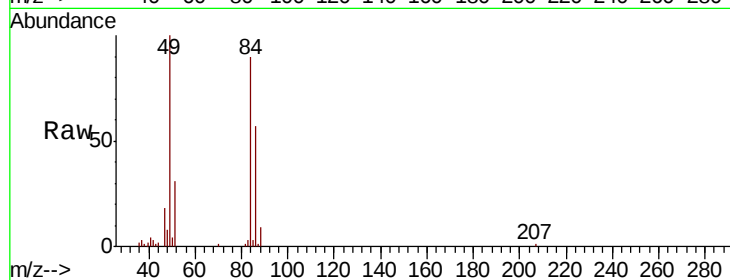
Ion Ratio Lower Upper

84 100

49 111.1 88.7 133.1

51 34.3 28.6 42.8

86 62.8 49.4 74.2



#33

1,2-Dichloroethane-d4

Concen: 56.80 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005069.D

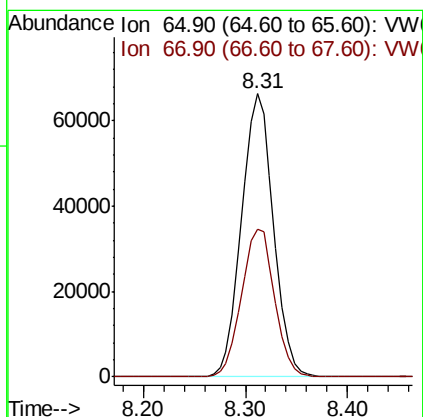
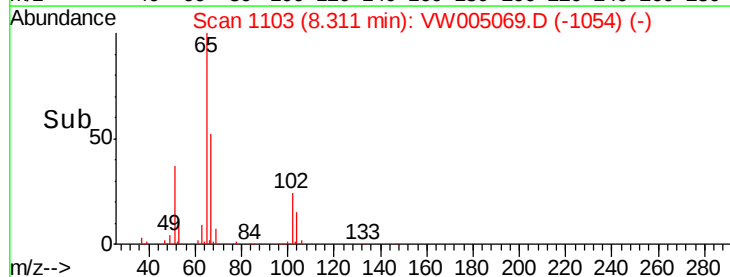
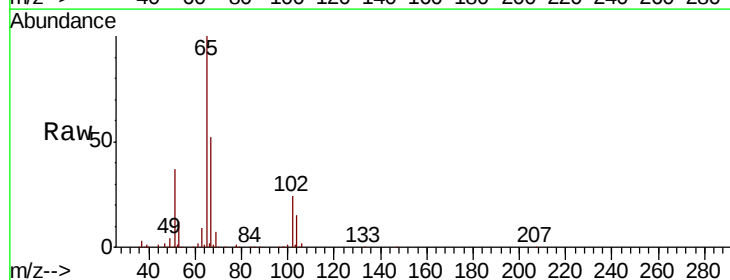
Acq: 01 Sep 2018 06:59

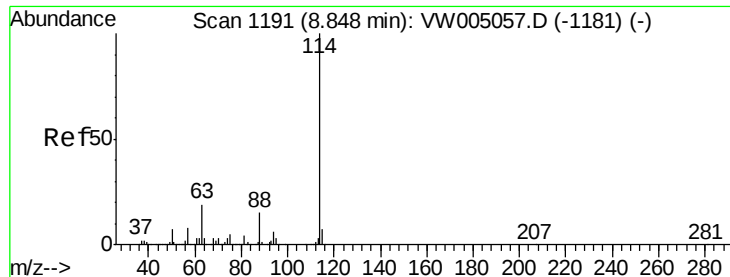
Tgt Ion: 65 Resp: 143990

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.4

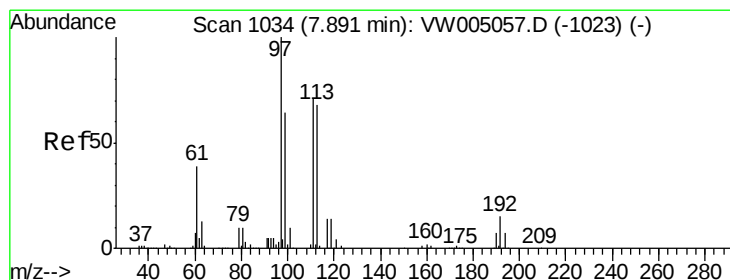
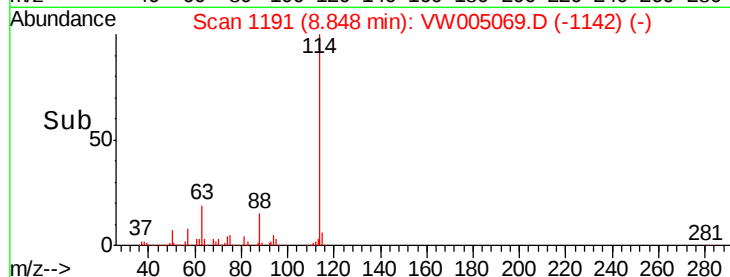
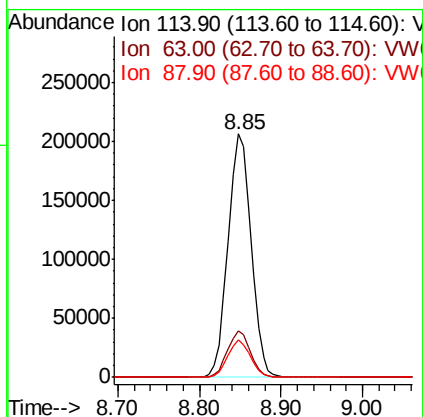
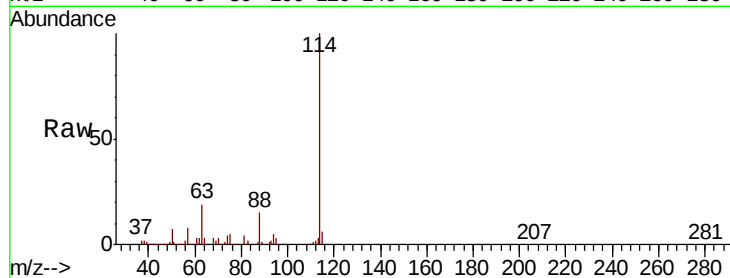




#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. -0.00 min  
 Lab File: VW005069.D  
 Acq: 01 Sep 2018 06:59

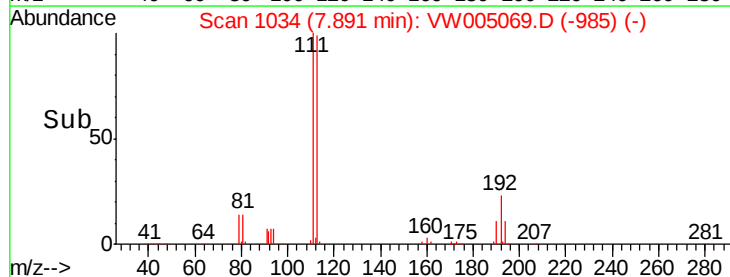
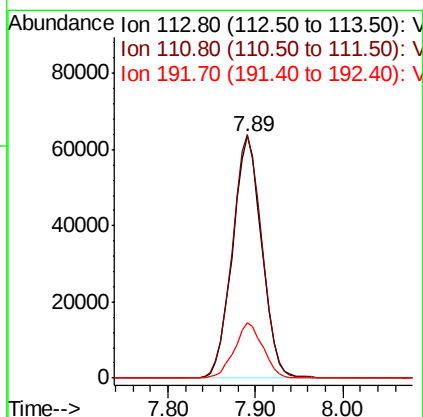
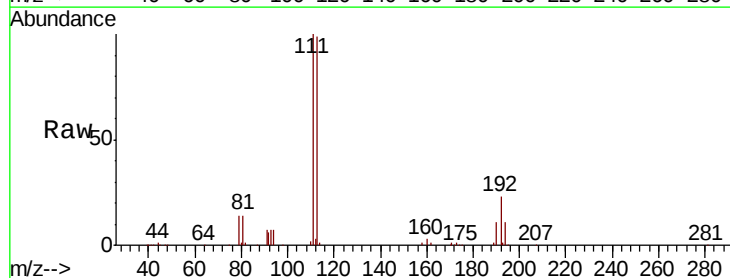
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ENY-SB-03-1.5-2RE

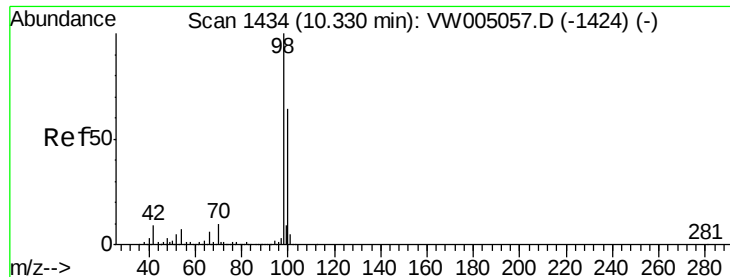
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 19.1  | 0.0   | 38.0  |
| 88      | 15.3  | 0.0   | 30.2  |



#35  
 Dibromofluoromethane  
 Concen: 63.45 ug/l  
 RT: 7.89 min Scan# 1034  
 Delta R.T. -0.00 min  
 Lab File: VW005069.D  
 Acq: 01 Sep 2018 06:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.9 | 82.2  | 123.2 |
| 192     | 22.3  | 18.1  | 27.1  |





#50

Toluene-d8

Concen: 32.37 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005069.D

Acq: 01 Sep 2018 06:59

Instrument :

MSVOA\_W

ClientSampleId :

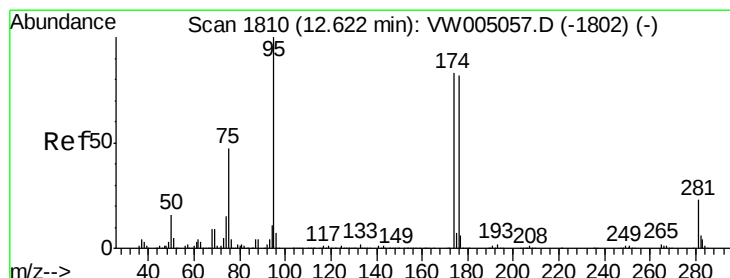
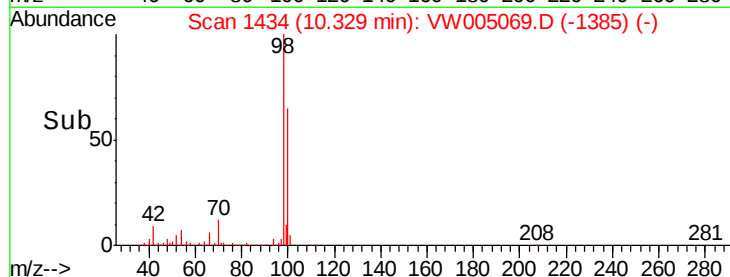
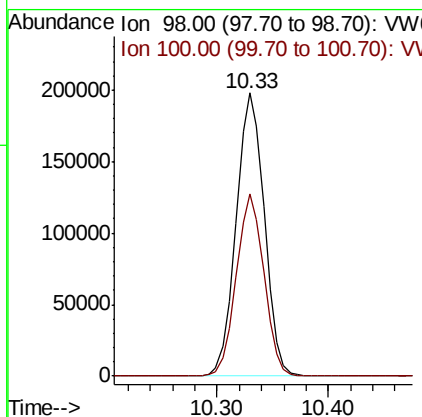
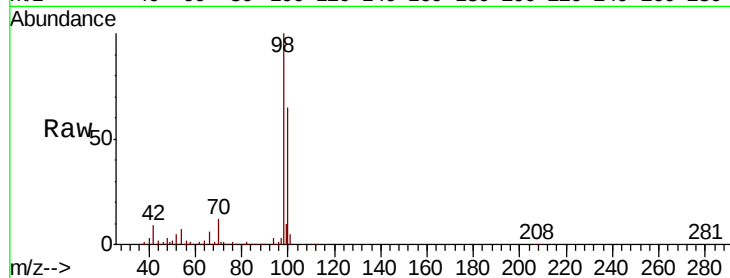
ENY-SB-03-1.5-2RE

Tot Ion: 98 Resp: 346169

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 11.10 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW005069.D

Acq: 01 Sep 2018 06:59

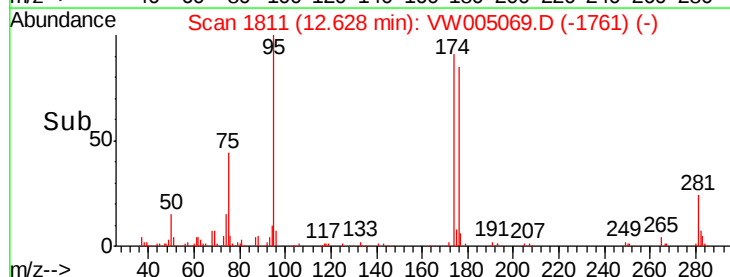
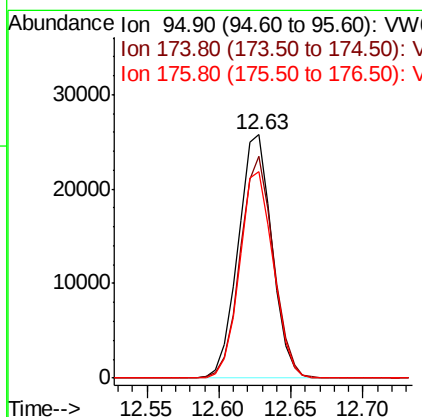
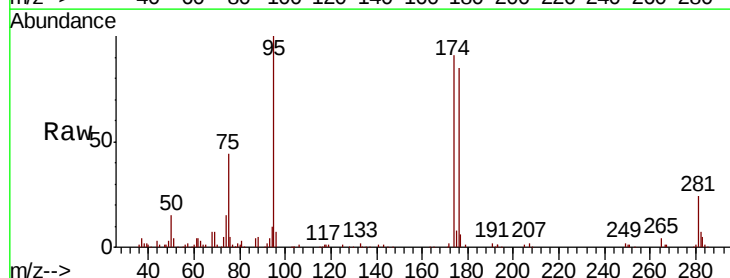
Tgt Ion: 95 Resp: 41863

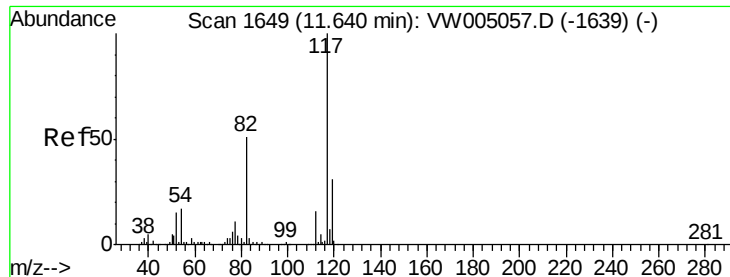
Ion Ratio Lower Upper

95 100

174 89.2 0.0 173.4

176 84.4 0.0 167.4

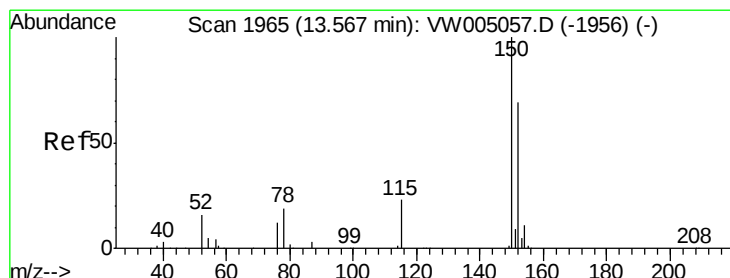
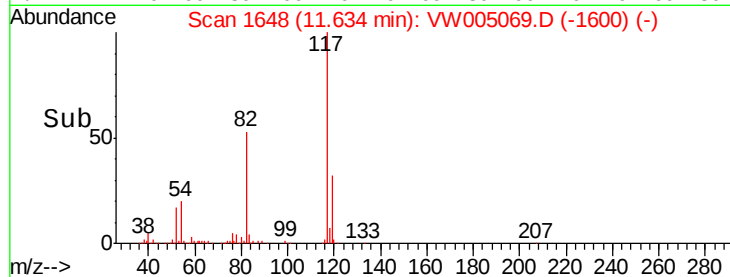
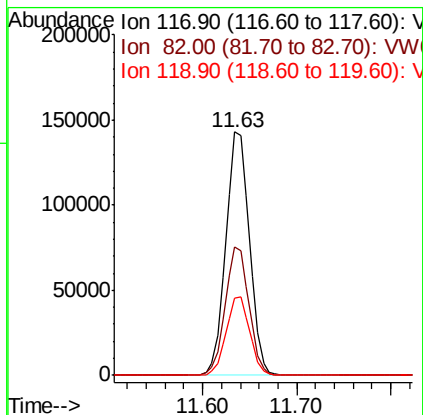
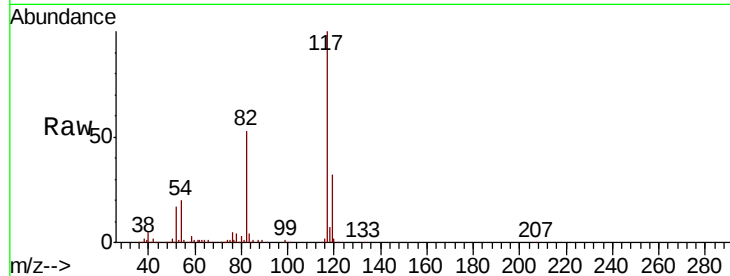




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. -0.01 min  
Lab File: VW005069.D  
Acq: 01 Sep 2018 06:59

Instrument :  
MSVOA\_W  
ClientSampleId :  
ENY-SB-03-1.5-2RE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.6  | 40.9  | 61.3  |
| 119     | 31.9  | 24.9  | 37.3  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.57 min Scan# 1965  
Delta R.T. -0.00 min  
Lab File: VW005069.D  
Acq: 01 Sep 2018 06:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 55.2  | 27.8  | 83.4  |
| 150     | 159.3 | 0.0   | 351.4 |

