

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\  
 Data File : VW002355.D  
 Acq On : 10 May 2018 03:50  
 Operator : JC/SY  
 Sample : J2730-06  
 Misc : 6.46G/5ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EPE-F-6A(70-72)

Quant Time: May 10 08:08:30 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_W\METHOD\82W050818S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 08 03:57:58 2018  
 Response via : Initial Calibration

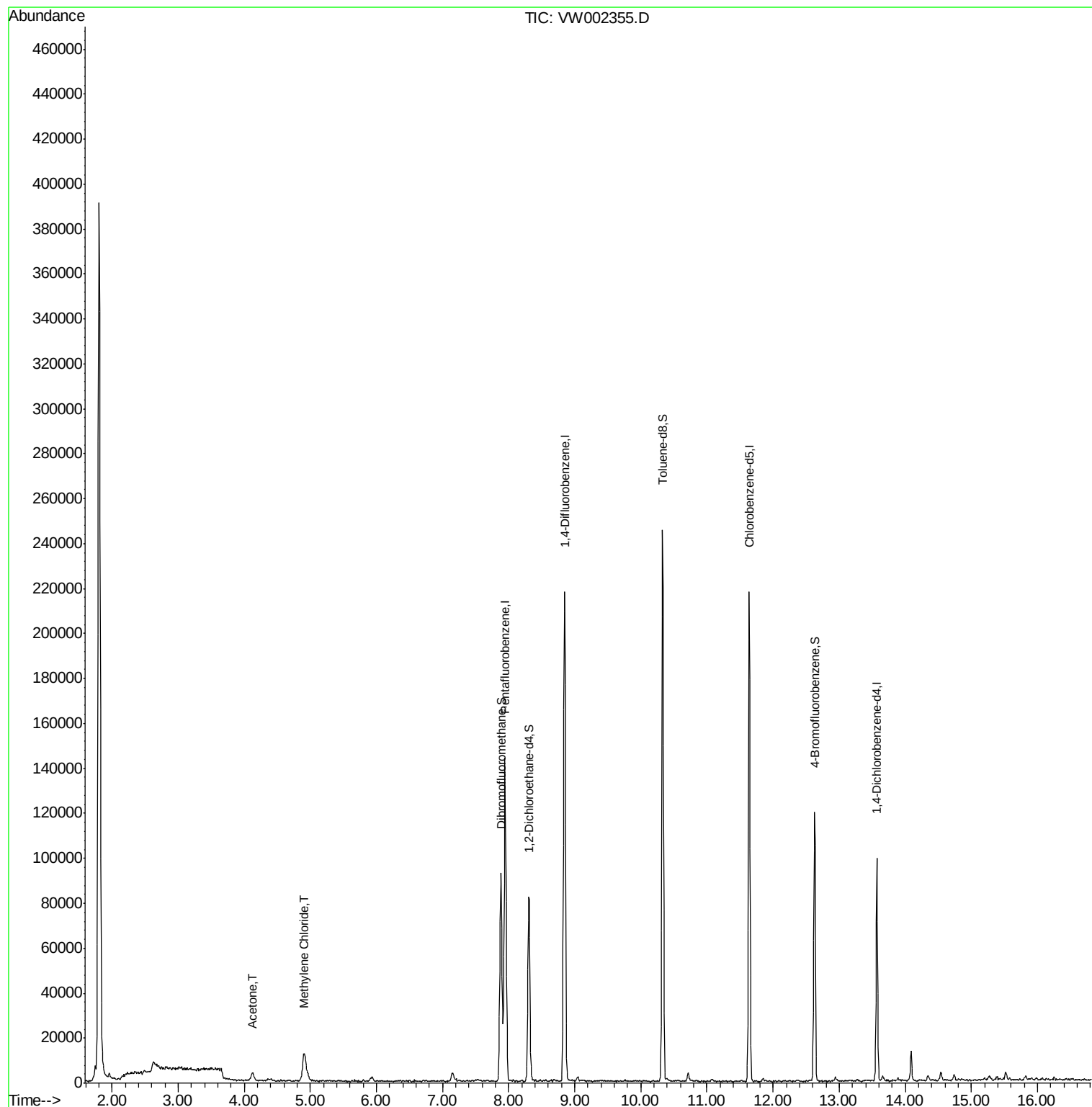
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 108735   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 182559   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.64 | 117  | 118347   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 25993    | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 64737    | 56.06 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 112.12% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 63467    | 54.24 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 108.48% |          |
| 50) Toluene-d8              | 10.33 | 98   | 162075   | 36.32 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 72.64%  |          |
| 62) 4-Bromofluorobenzene    | 12.63 | 95   | 31965    | 19.82 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 39.64%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 4.13  | 43   | 6847     | 30.36 | ug/l    | 93       |
| 20) Methylene Chloride      | 4.91  | 84   | 11791    | 10.85 | ug/l    | 96       |

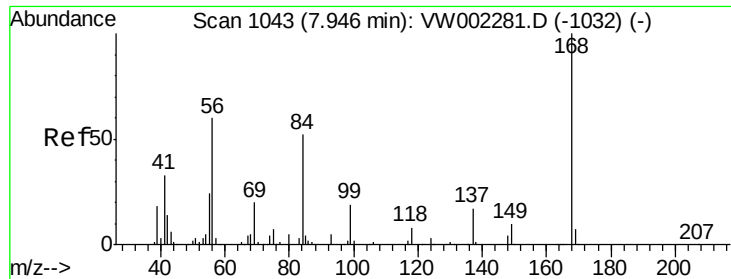
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 08 03:57:58 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002355.D

Acq: 10 May 2018 03:50

Instrument :

MSVOA\_W

ClientSampleId :

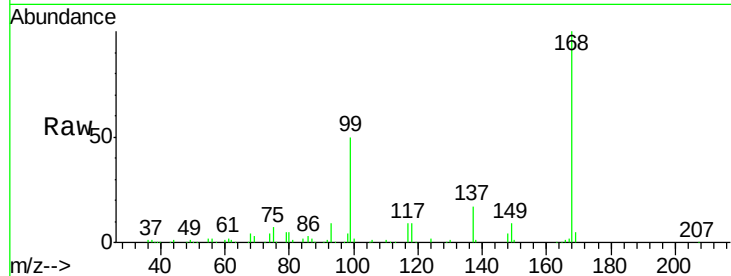
EPE-F-6A(70-72)

Tot Ion:168 Resp: 108735

Ion Ratio Lower Upper

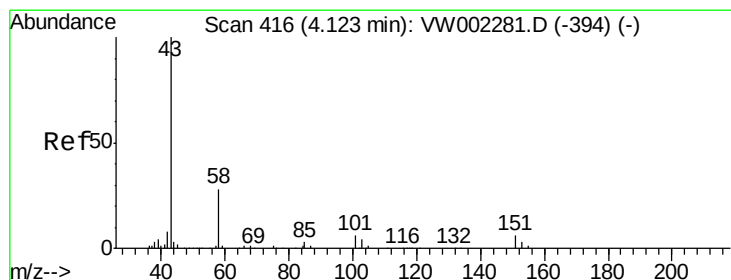
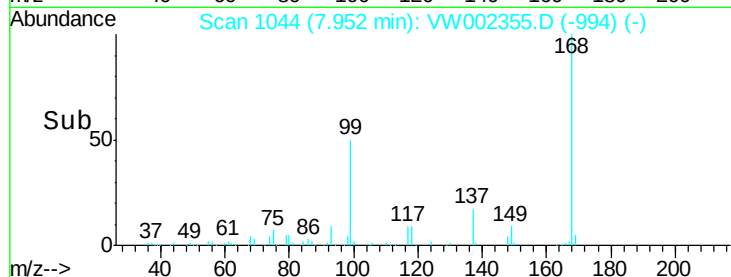
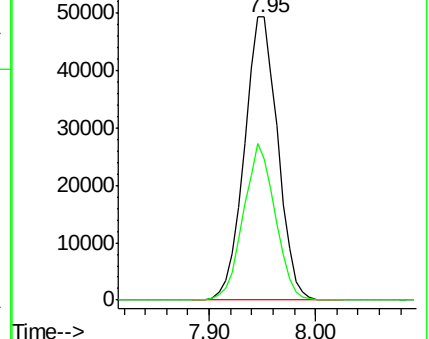
168 100

99 50.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 30.36 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW002355.D

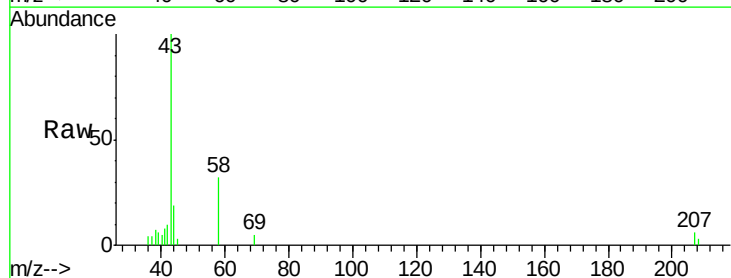
Acq: 10 May 2018 03:50

Tgt Ion: 43 Resp: 6847

Ion Ratio Lower Upper

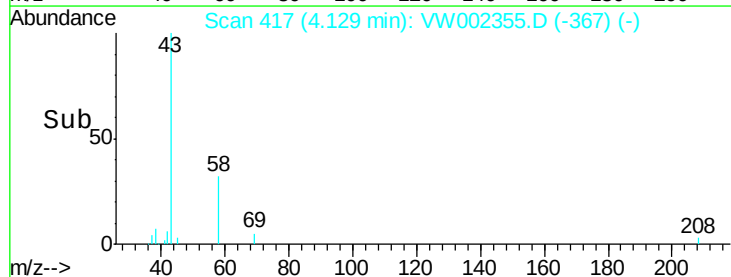
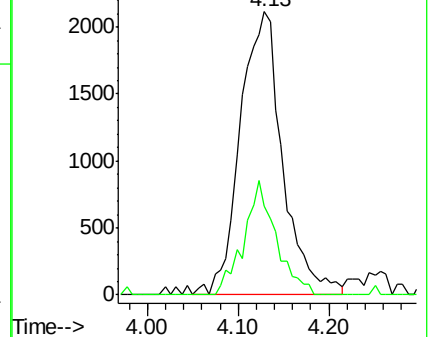
43 100

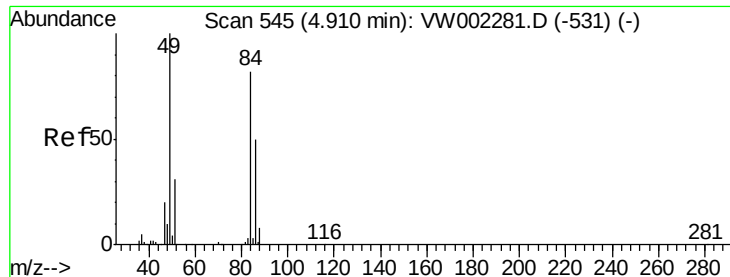
58 31.5 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

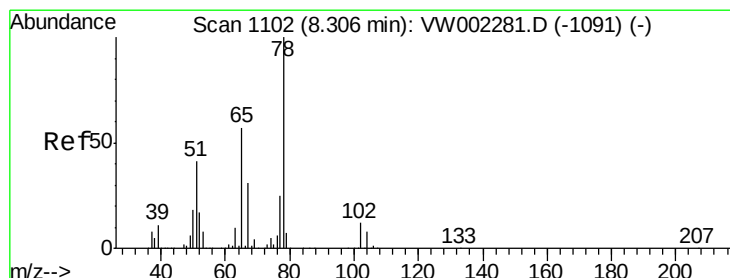
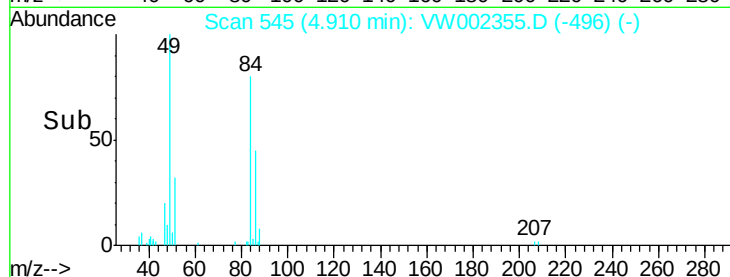
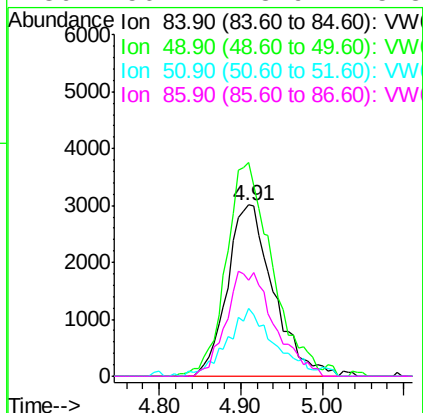
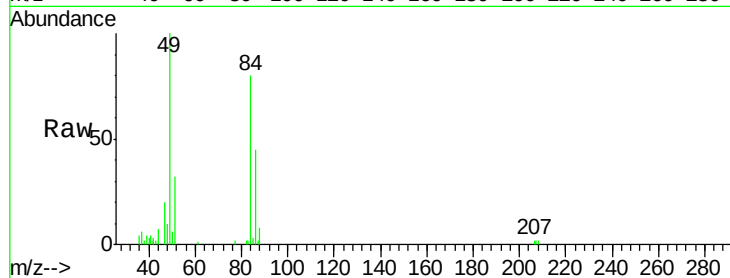




#20  
Methylene Chloride  
Concen: 10.85 ug/l  
RT: 4.91 min Scan# 545  
Delta R.T. -0.00 min  
Lab File: VW002355.D  
Acq: 10 May 2018 03:50

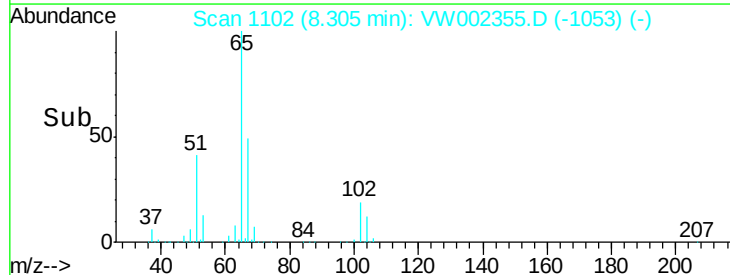
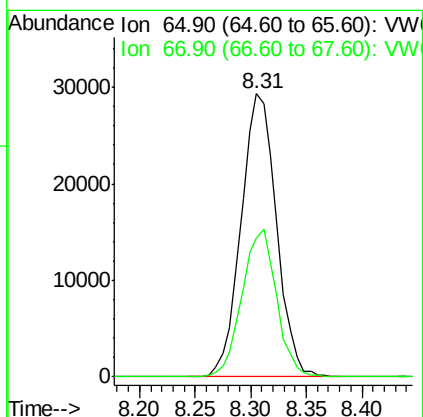
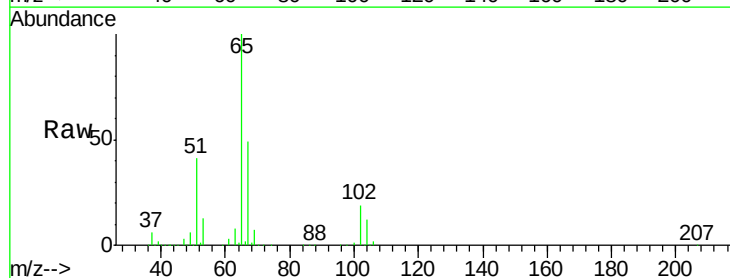
Instrument :  
MSVOA\_W  
ClientSampleId :  
EPE-F-6A(70-72)

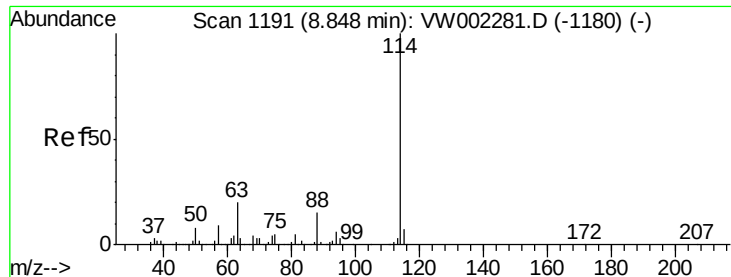
Tot Ion: 84 Resp: 11791  
Ion Ratio Lower Upper  
84 100  
49 124.8 97.7 146.5  
51 39.6 30.2 45.4  
86 56.1 48.9 73.3



#33  
1,2-Dichloroethane-d4  
Concen: 56.06 ug/l  
RT: 8.31 min Scan# 1102  
Delta R.T. -0.00 min  
Lab File: VW002355.D  
Acq: 10 May 2018 03:50

Tgt Ion: 65 Resp: 64737  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 107.2

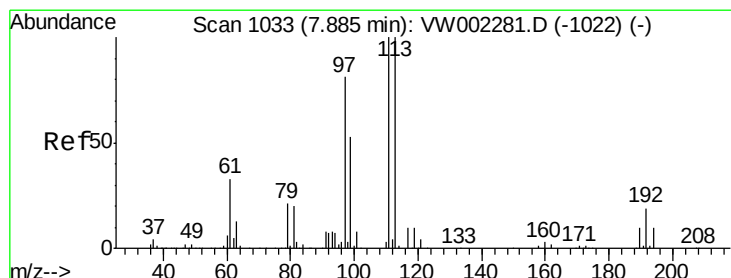
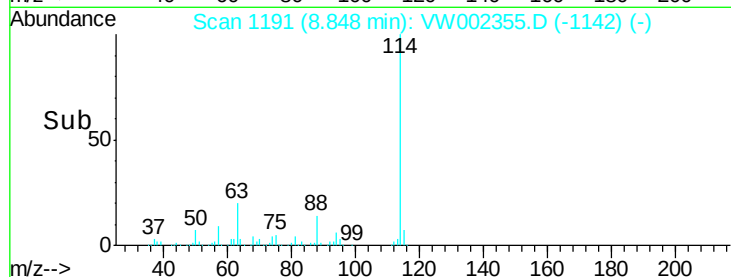
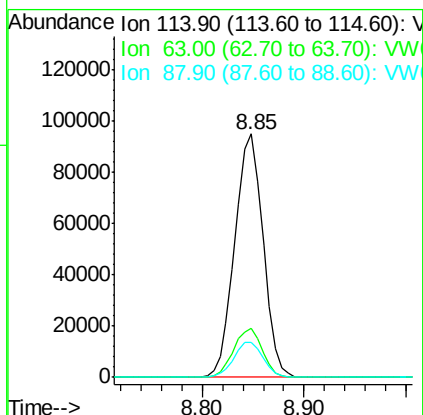
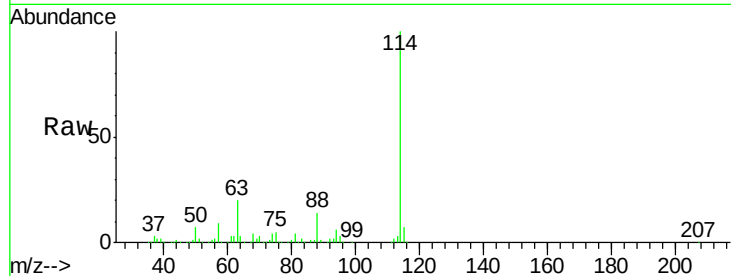




#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. -0.00 min  
 Lab File: VW002355.D  
 Acq: 10 May 2018 03:50

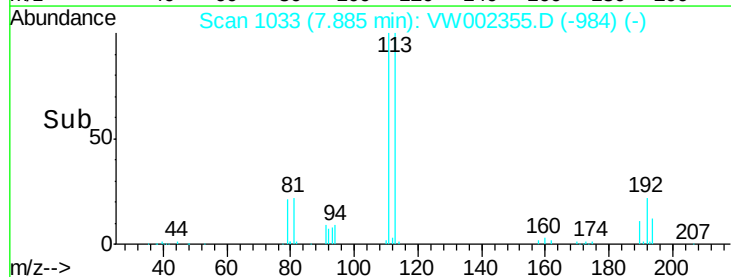
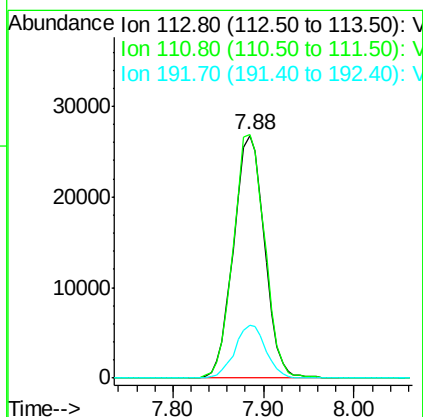
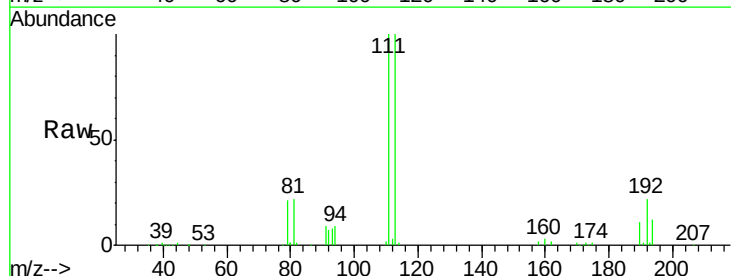
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EPE-F-6A(70-72)

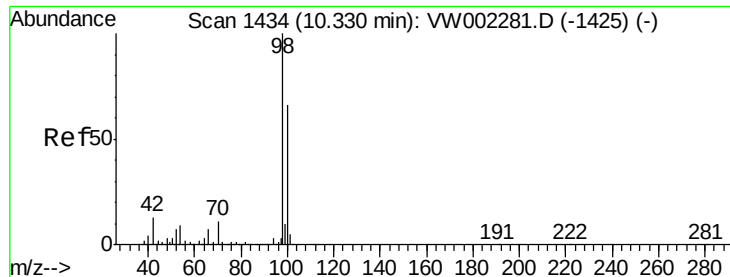
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 20.0  | 0.0   | 39.0  |
| 88      | 14.3  | 0.0   | 29.6  |



#35  
 Dibromofluoromethane  
 Concen: 54.24 ug/l  
 RT: 7.88 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: VW002355.D  
 Acq: 10 May 2018 03:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.7 | 81.5  | 122.3 |
| 192     | 21.7  | 16.4  | 24.6  |





#50

Toluene-d8

Concen: 36.32 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002355.D

Acq: 10 May 2018 03:50

Instrument :

MSVOA\_W

ClientSampleId :

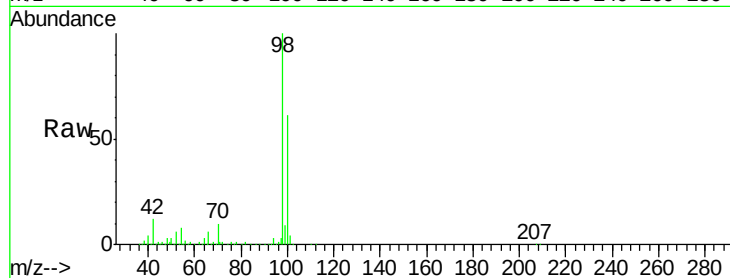
EPE-F-6A(70-72)

Tot Ion: 98 Resp: 162075

Ion Ratio Lower Upper

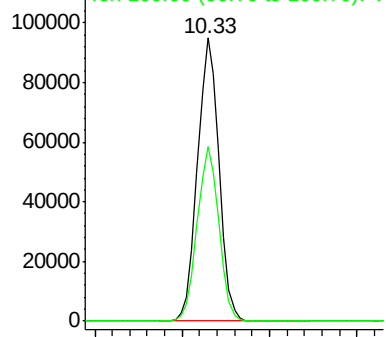
98 100

100 62.1 51.4 77.2

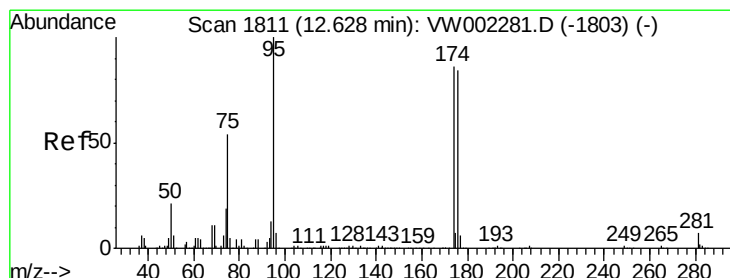
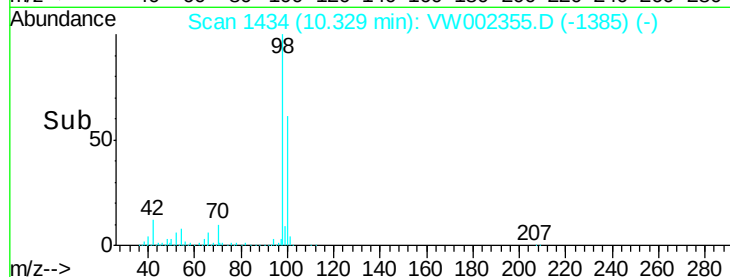


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 19.82 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002355.D

Acq: 10 May 2018 03:50

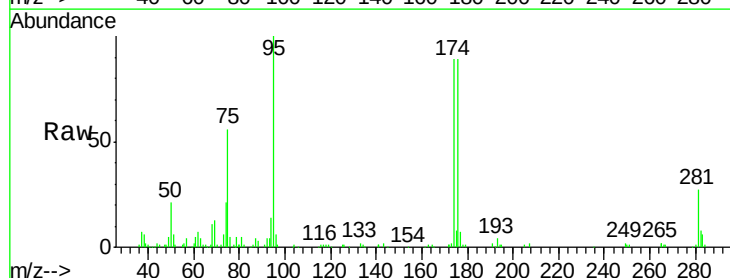
Tgt Ion: 95 Resp: 31965

Ion Ratio Lower Upper

95 100

174 90.5 0.0 176.8

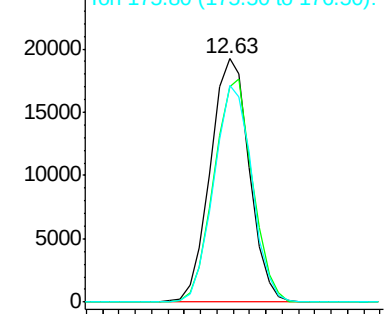
176 87.3 0.0 170.4



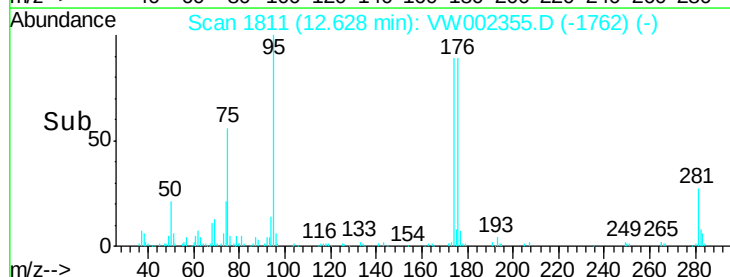
Abundance Ion 94.90 (94.60 to 95.60): VW

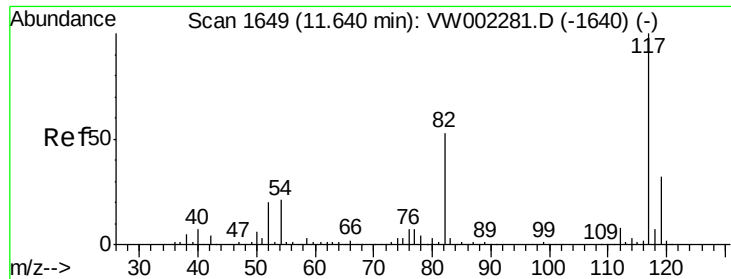
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time--> 12.55 12.60 12.65 12.70

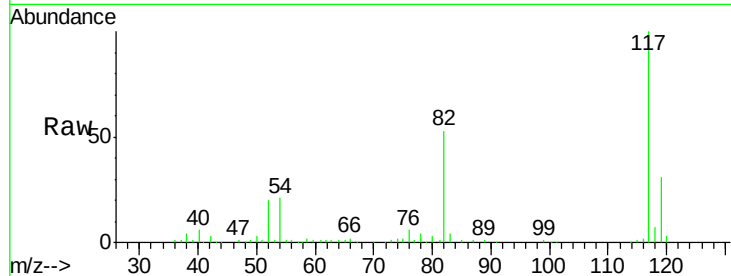




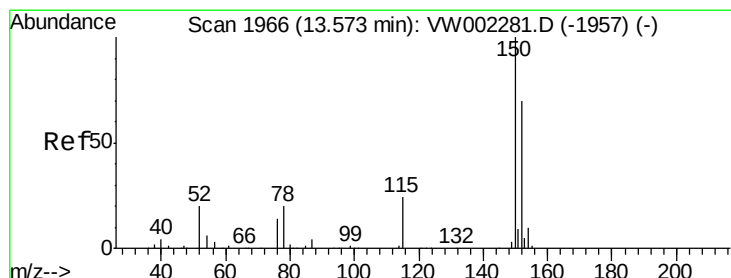
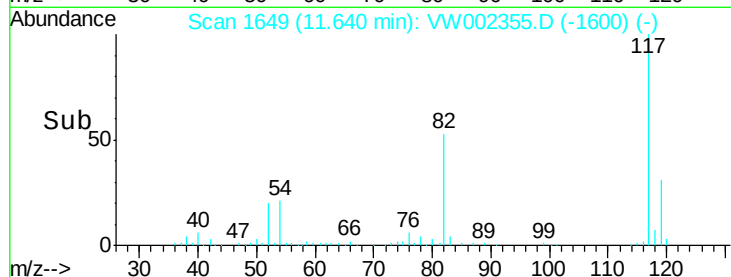
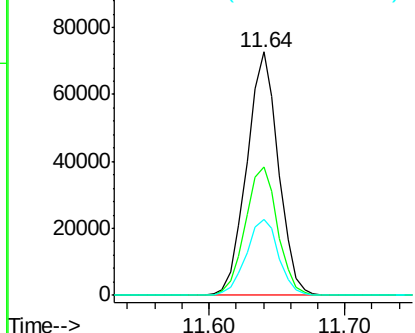
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.64 min Scan# 1649  
Delta R.T. -0.00 min  
Lab File: VW002355.D  
Acq: 10 May 2018 03:50

Instrument :  
MSVOA\_W  
ClientSampleId :  
EPE-F-6A(70-72)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.6  | 42.6  | 63.8  |
| 119     | 31.2  | 25.2  | 37.8  |

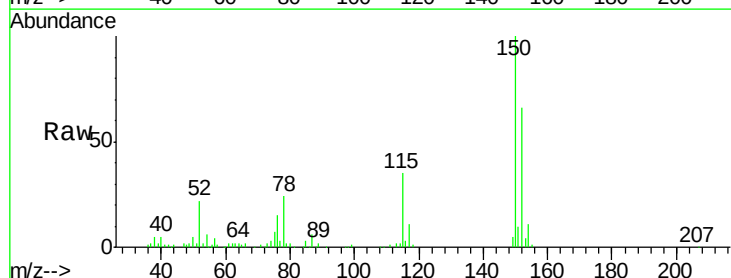


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.57 min Scan# 1966  
Delta R.T. -0.00 min  
Lab File: VW002355.D  
Acq: 10 May 2018 03:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 55.5  | 28.5  | 85.5  |
| 150     | 154.8 | 0.0   | 342.6 |



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

