

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\  
 Data File : VW006490.D  
 Acq On : 30 Oct 2018 08:46  
 Operator : SY/AP  
 Sample : J5691-05  
 Misc : 4.99G/5ML/MSVOA W/SOIL  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-9

Quant Time: Oct 30 10:53:26 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

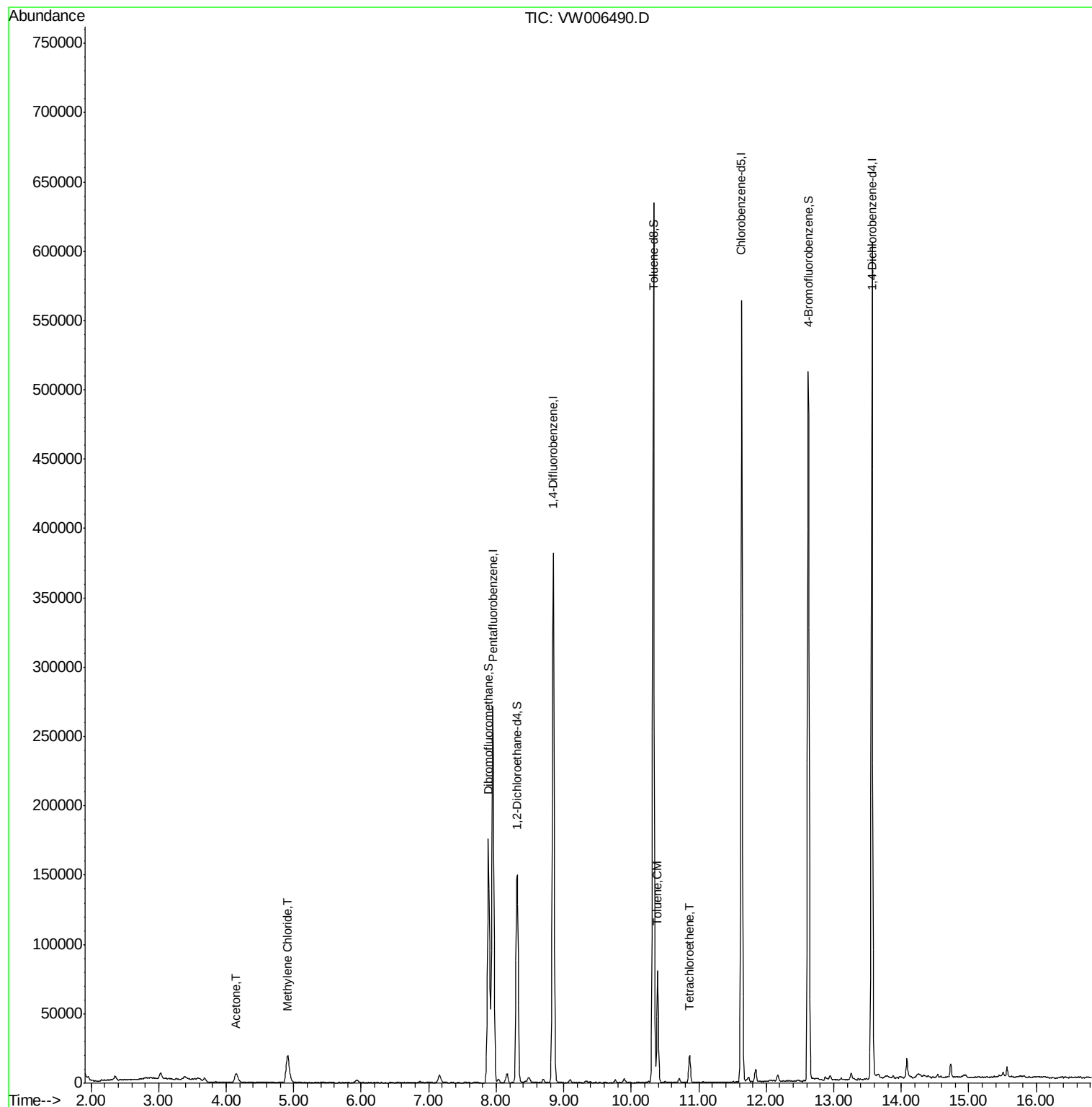
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 222156   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 347092   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 331197   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 172943   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 122830   | 66.69  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 133.38% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 120969   | 58.98  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 117.96% |          |
| 50) Toluene-d8              | 10.33 | 98   | 441275   | 56.55  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 113.10% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 156542   | 53.42  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 106.84% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 4.14  | 43   | 14320    | 28.316 | ug/l    | 99       |
| 20) Methylene Chloride      | 4.90  | 84   | 16808    | 7.233  | ug/l    | 90       |
| 52) Toluene                 | 10.39 | 92   | 34804    | 5.916  | ug/l    | 98       |
| 64) Tetrachloroethene       | 10.87 | 164  | 4799     | 1.867  | ug/l    | 98       |

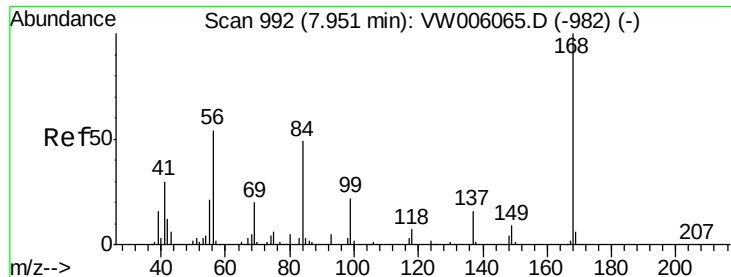
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103118\  
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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: VW006490.D

Acq: 30 Oct 2018 08:46

Instrument :

MSVOA\_W

ClientSampled :

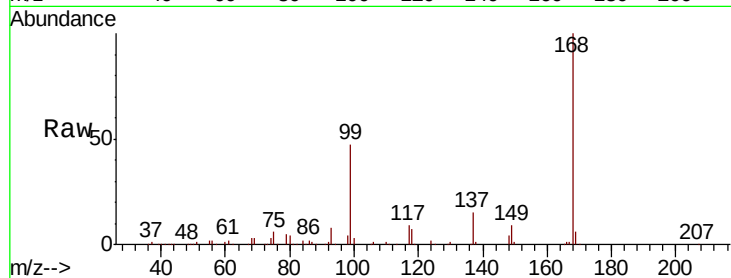
SB-9

Tot Ion:168 Resp: 222156

Ion Ratio Lower Upper

168 100

99 47.0 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

120000

100000

80000

60000

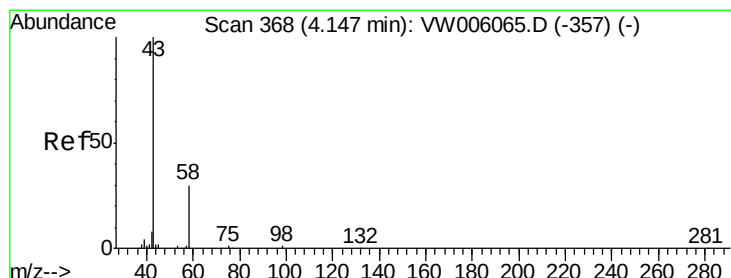
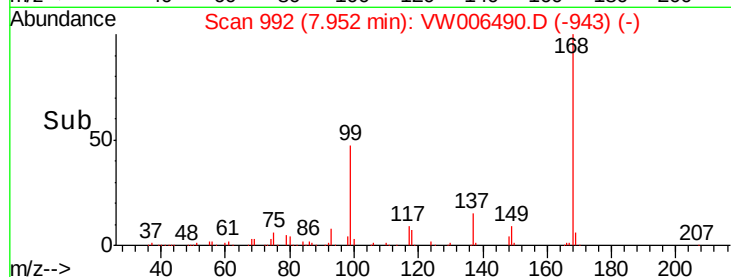
40000

20000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 28.316 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006490.D

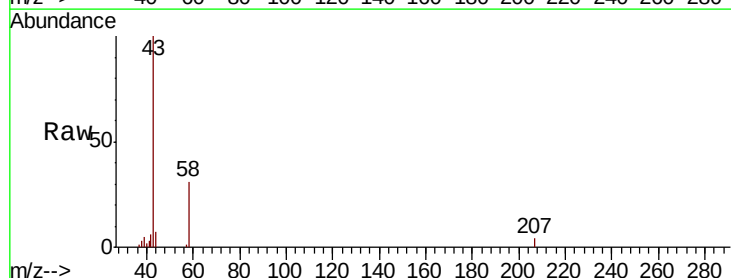
Acq: 30 Oct 2018 08:46

Tgt Ion: 43 Resp: 14320

Ion Ratio Lower Upper

43 100

58 30.7 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

5000

4000

3000

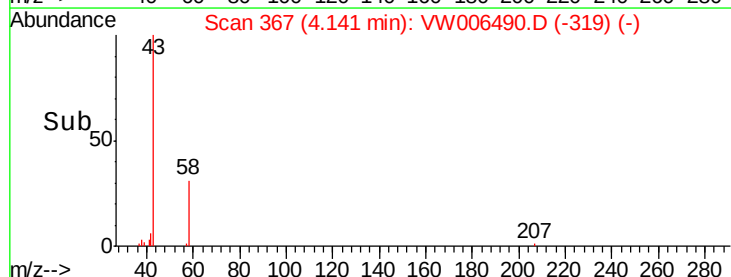
2000

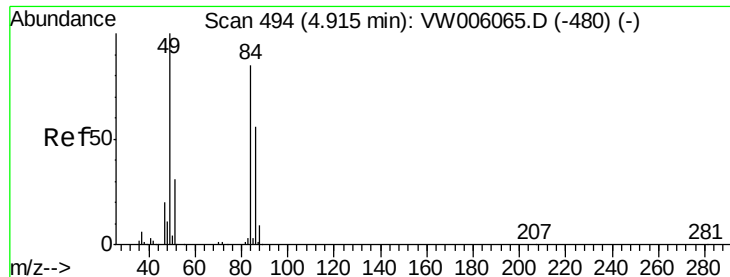
1000

0

Time-->

4.00 4.10 4.20 4.30





#20

Methylene Chloride

Concen: 7.233 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW006490.D

Acq: 30 Oct 2018 08:46

Instrument :

MSVOA\_W

ClientSampleId :

SB-9

Tot Ion: 84 Resp: 16808

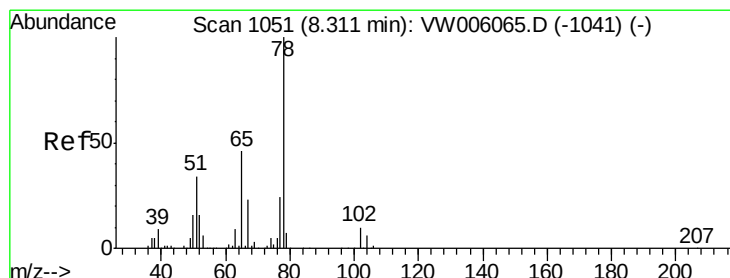
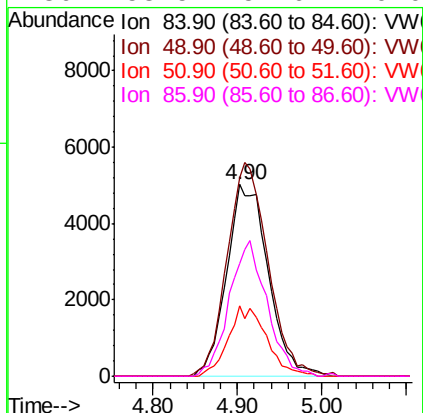
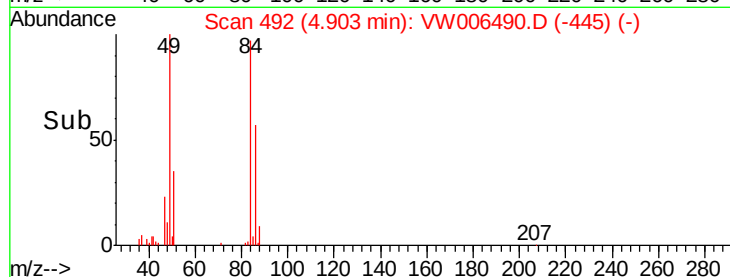
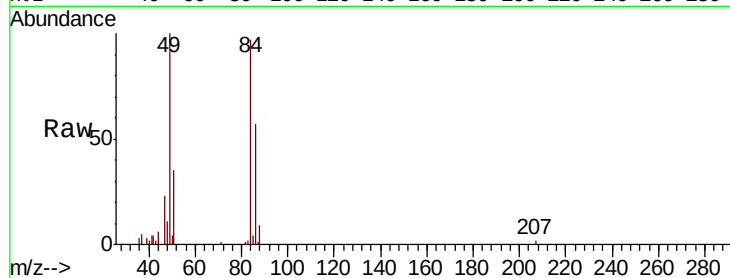
Ion Ratio Lower Upper

84 100

49 103.1 93.6 140.4

51 36.5 29.0 43.4

86 58.5 52.6 79.0



#33

1,2-Dichloroethane-d4

Concen: 66.690 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006490.D

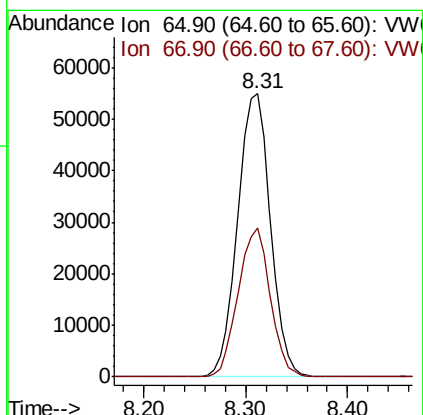
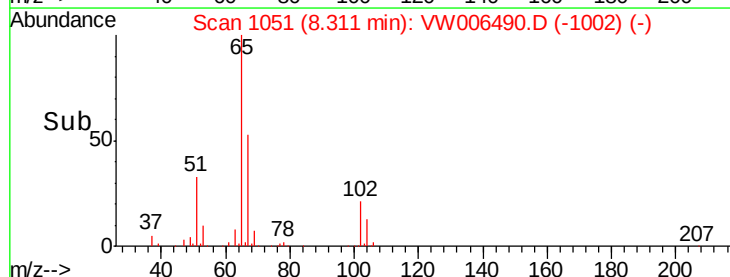
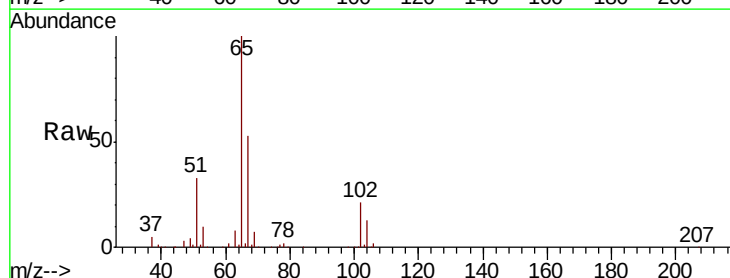
Acq: 30 Oct 2018 08:46

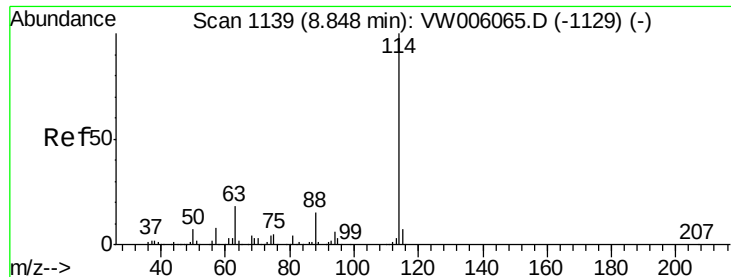
Tgt Ion: 65 Resp: 122830

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.0

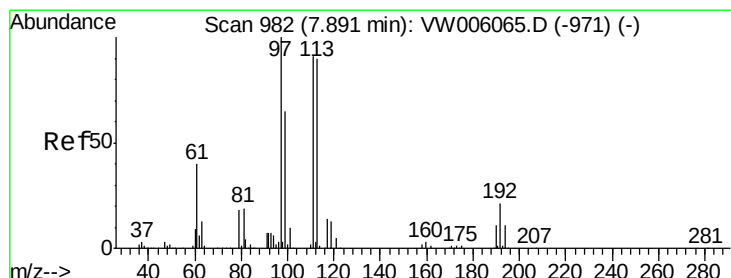
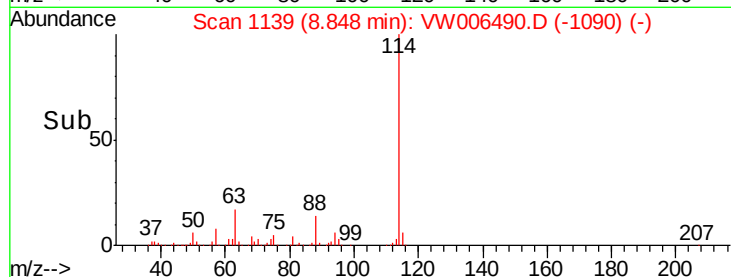
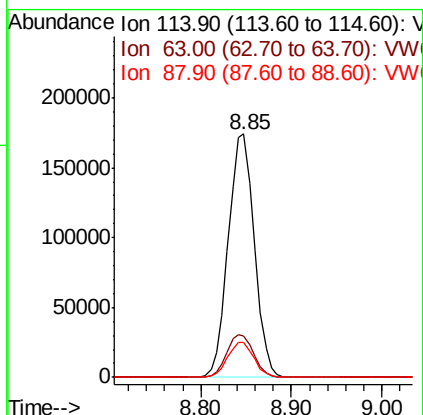
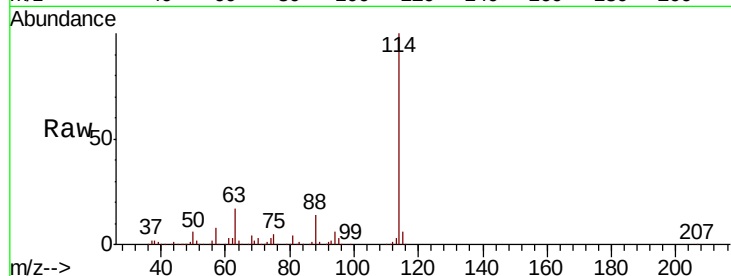




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: VW006490.D  
 Acq: 30 Oct 2018 08:46

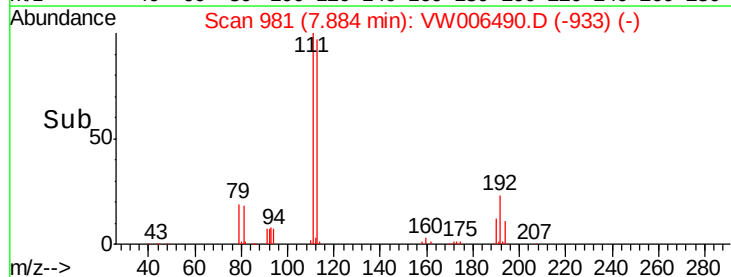
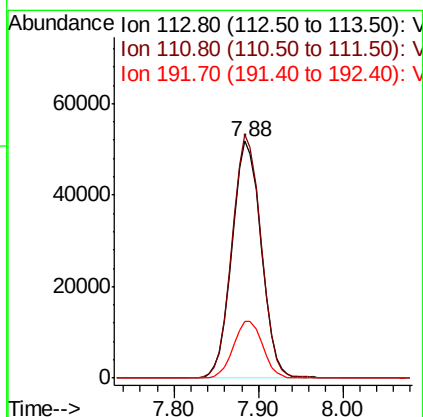
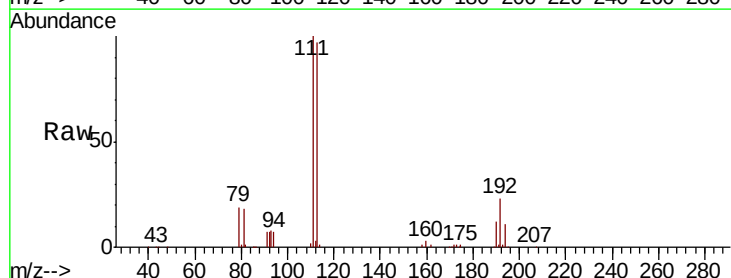
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-9

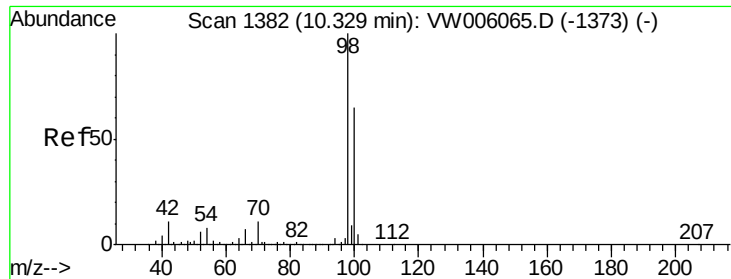
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 17.1  | 0.0   | 36.8  |
| 88      | 14.4  | 0.0   | 29.0  |



#35  
 Dibromofluoromethane  
 Concen: 58.982 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.01 min  
 Lab File: VW006490.D  
 Acq: 30 Oct 2018 08:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.0 | 81.4  | 122.0 |
| 192     | 24.2  | 18.7  | 28.1  |

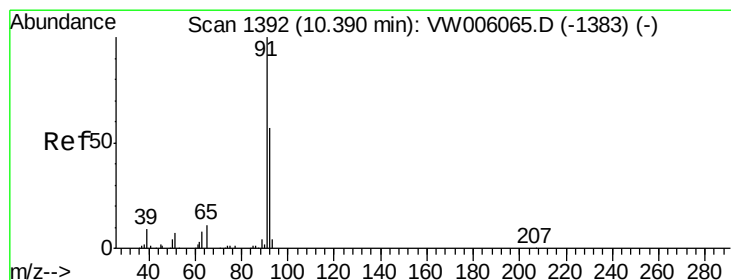
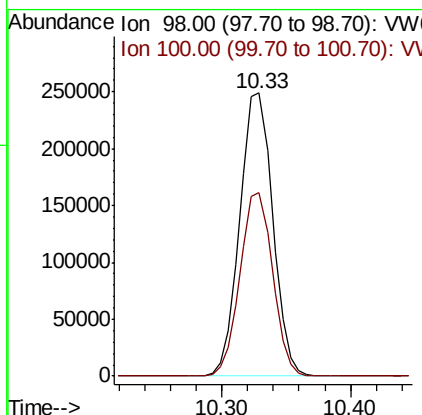
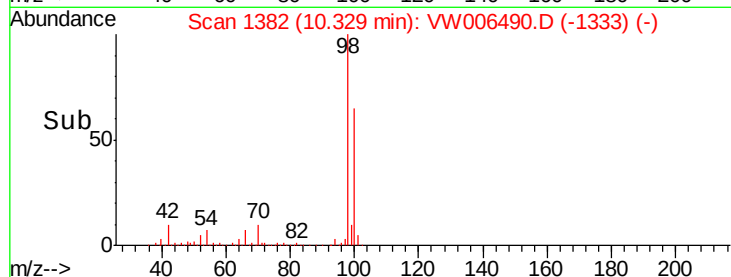
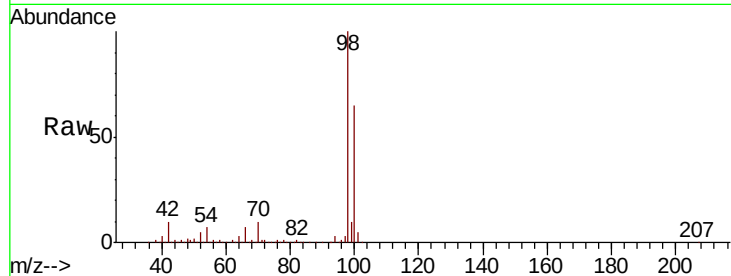




#50  
Toluene-d8  
Concen: 56.553 ug/l  
RT: 10.33 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VW006490.D  
Acq: 30 Oct 2018 08:46

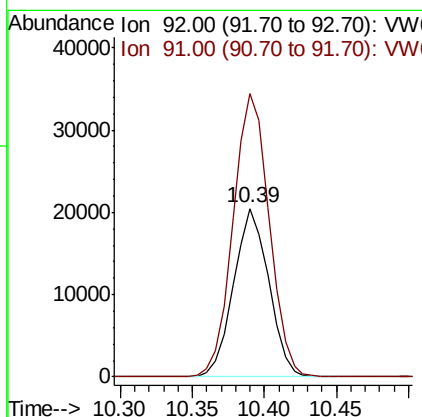
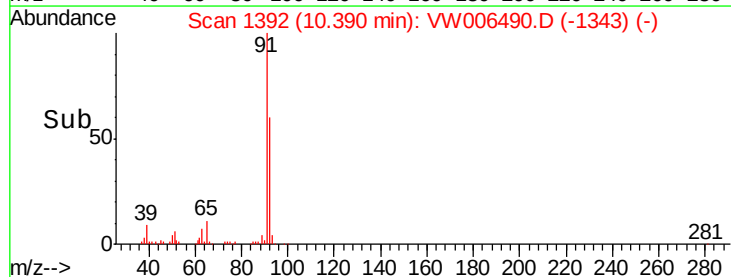
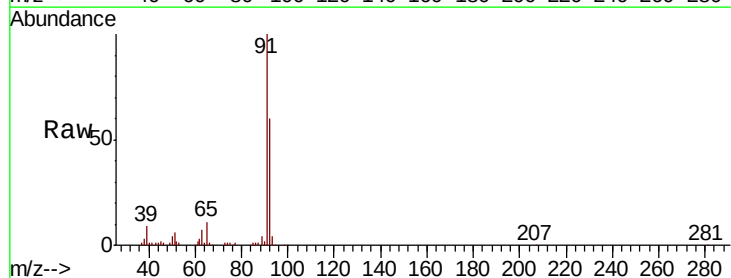
Instrument :  
MSVOA\_W  
ClientSampled :  
SB-9

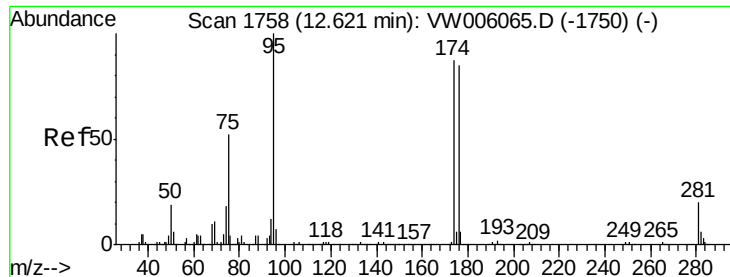
Tot Ion: 98 Resp: 441275  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.6 77.4



#52  
Toluene  
Concen: 5.916 ug/l  
RT: 10.39 min Scan# 1392  
Delta R.T. 0.00 min  
Lab File: VW006490.D  
Acq: 30 Oct 2018 08:46

Tgt Ion: 92 Resp: 34804  
Ion Ratio Lower Upper  
92 100  
91 172.7 140.0 210.0





#62

4-Bromofluorobenzene

Concen: 53.415 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006490.D

Acq: 30 Oct 2018 08:46

Instrument :

MSVOA\_W

ClientSampleId :

SB-9

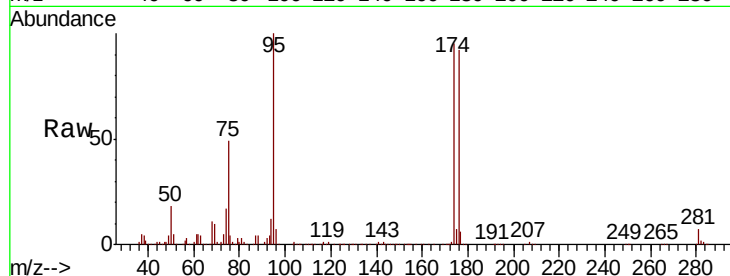
Tot Ion: 95 Resp: 156542

Ion Ratio Lower Upper

95 100

174 98.7 0.0 186.0

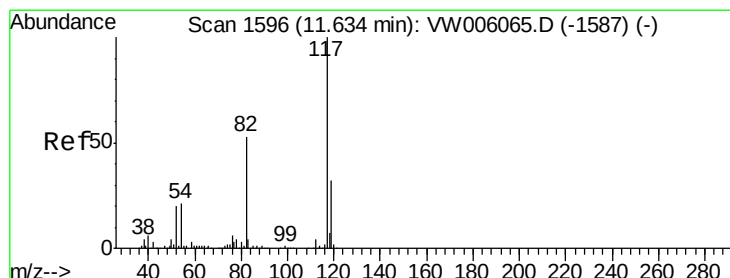
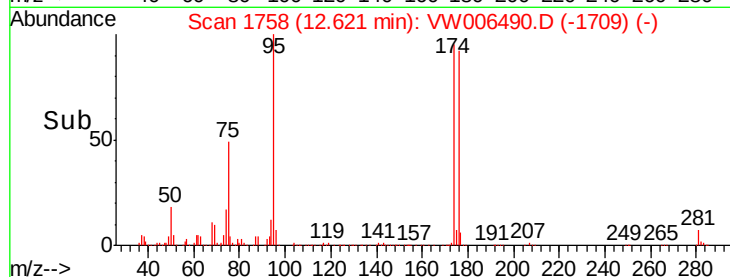
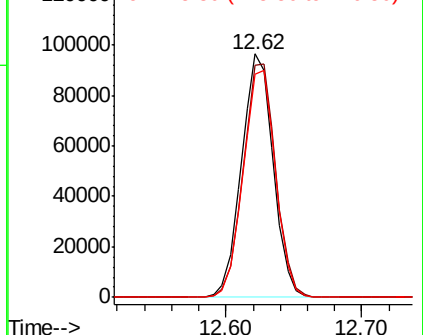
176 95.6 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006490.D

Acq: 30 Oct 2018 08:46

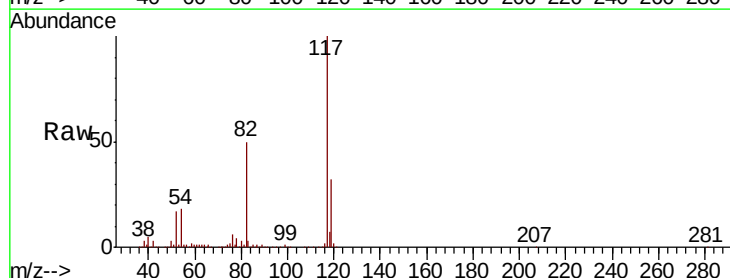
Tgt Ion: 117 Resp: 331197

Ion Ratio Lower Upper

117 100

82 49.8 42.1 63.1

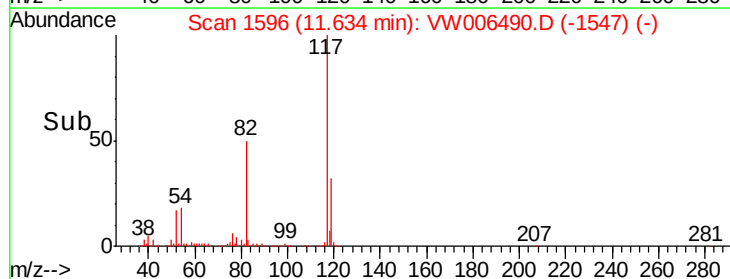
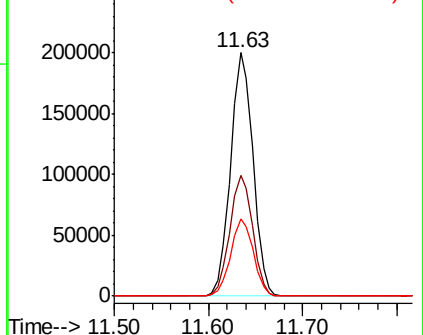
119 31.7 25.8 38.6

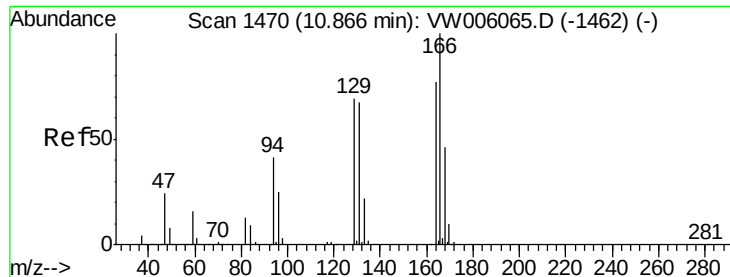


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 1.867 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW006490.D

Acq: 30 Oct 2018 08:46

Instrument :

MSVOA\_W

ClientSampled :

SB-9

Tot Ion:164 Resp: 4799

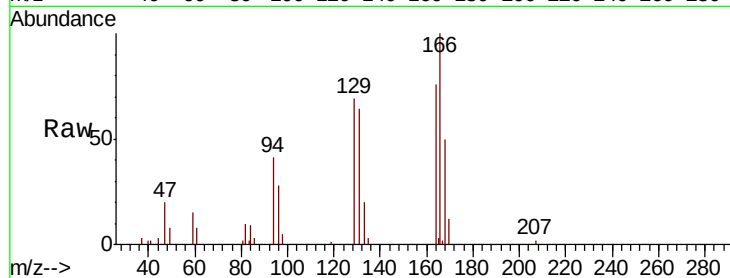
Ion Ratio Lower Upper

164 100

166 131.9 103.4 155.0

129 91.6 71.8 107.8

131 84.5 69.5 104.3

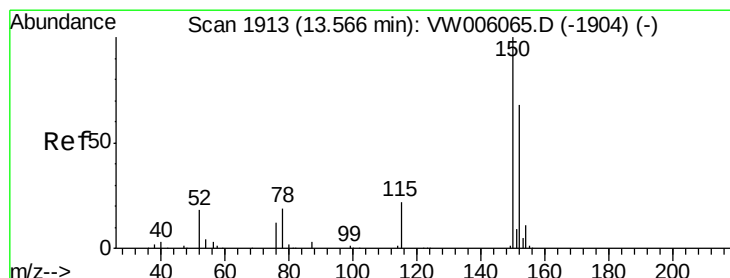
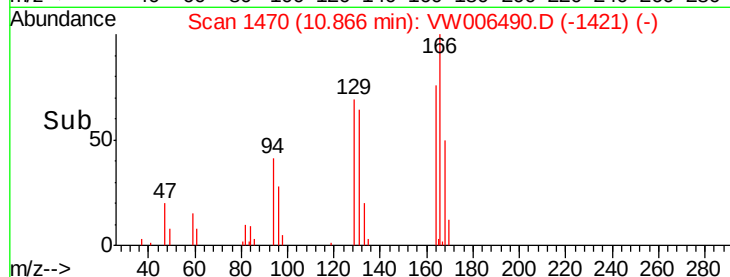
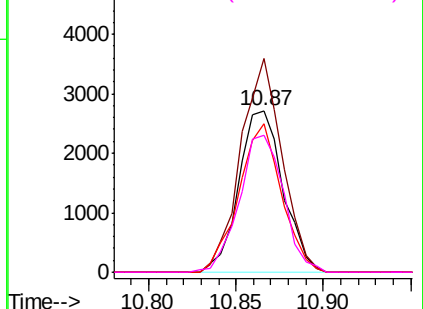


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006490.D

Acq: 30 Oct 2018 08:46

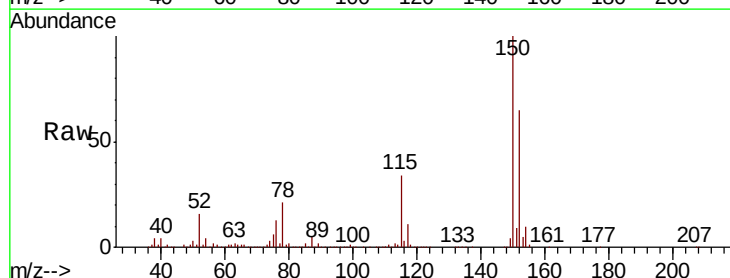
Tgt Ion:152 Resp: 172943

Ion Ratio Lower Upper

152 100

115 53.3 27.8 83.3

150 155.0 0.0 349.2



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

