

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041819\  
 Data File : VW010052.D  
 Acq On : 18 Apr 2019 18:24  
 Operator : SY/VA  
 Sample : K2407-10  
 Misc : 5.70G/5ML/MSVOA W/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TP-17-S2

Quant Time: Apr 18 18:59:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W041719S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 18 11:26:35 2019  
 Response via : Initial Calibration

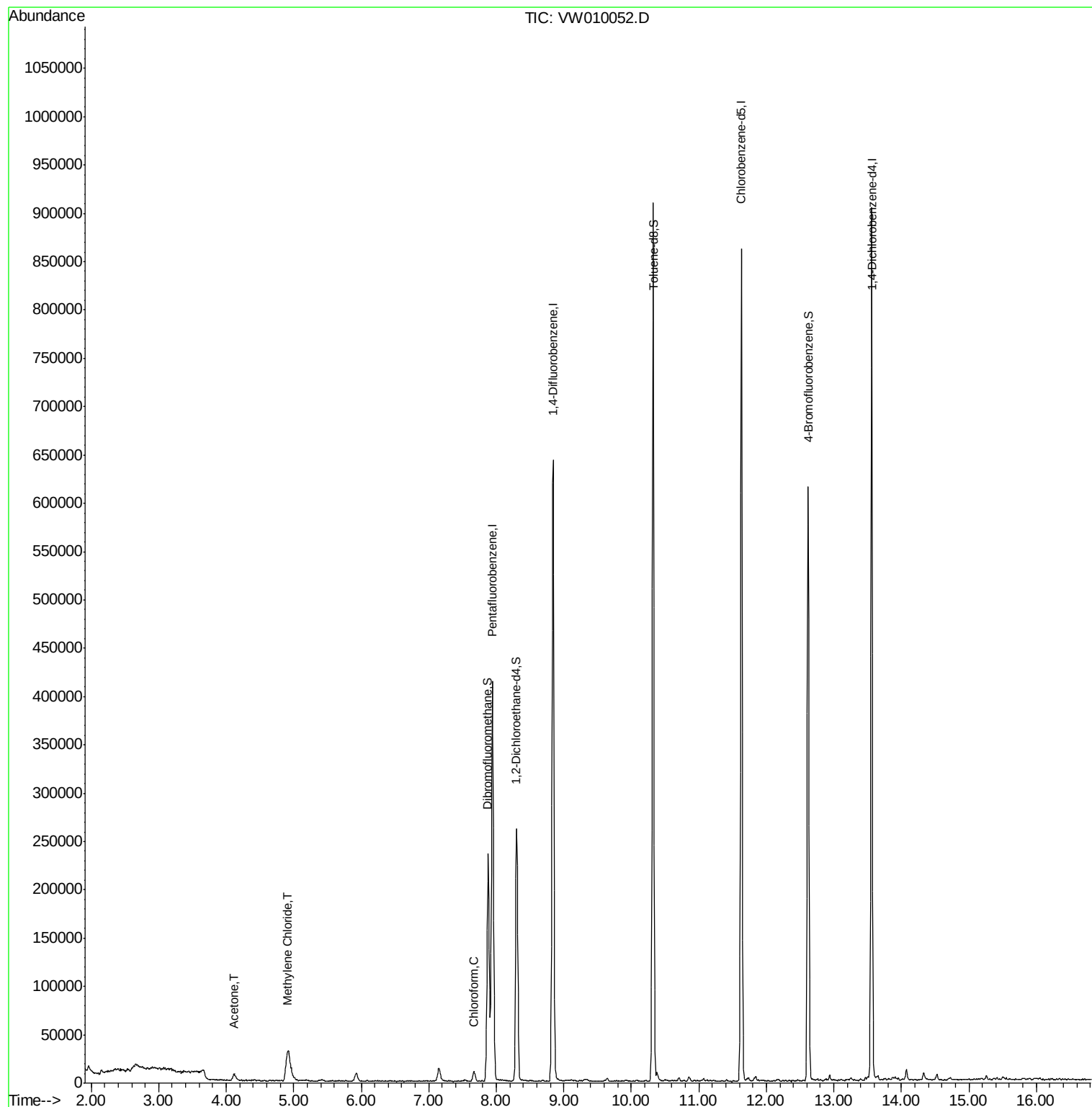
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 279603   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 495186   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 455034   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 207805   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.30  | 65   | 205296   | 59.50  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 119.00% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 164216   | 52.16  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.32% |          |
| 50) Toluene-d8              | 10.32 | 98   | 556403   | 47.16  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.32%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 187333   | 43.69  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 87.38%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 4.12  | 43   | 13926    | 17.395 | ug/l    | 98       |
| 20) Methylene Chloride      | 4.91  | 84   | 32570    | 6.739  | ug/l    | 88       |
| 30) Chloroform              | 7.67  | 83   | 8997     | 1.507  | ug/l    | 88       |

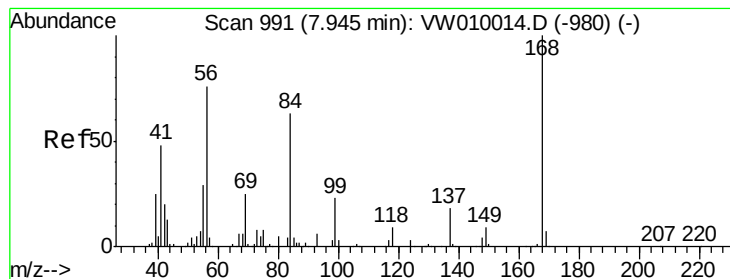
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041819\  
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Quant Time: Apr 18 18:59:47 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W041719S.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 18 11:26:35 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010052.D

Acq: 18 Apr 2019 18:24

Instrument :

MSVOA\_W

ClientSampleId :

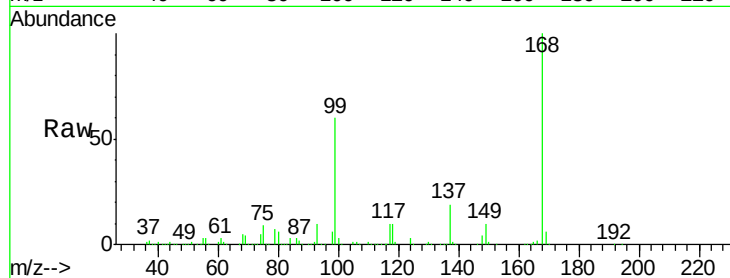
TP-17-S2

Tot Ion:168 Resp: 279603

Ion Ratio Lower Upper

168 100

99 60.5 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

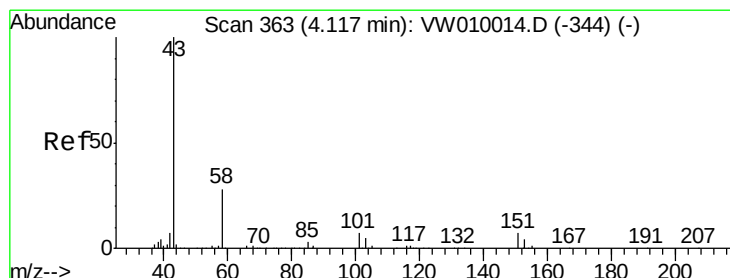
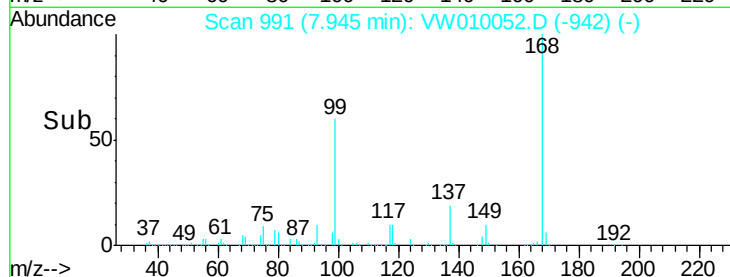
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.395 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010052.D

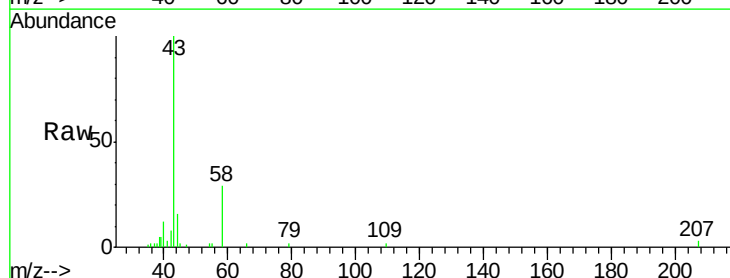
Acq: 18 Apr 2019 18:24

Tgt Ion: 43 Resp: 13926

Ion Ratio Lower Upper

43 100

58 29.5 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

5000

4000

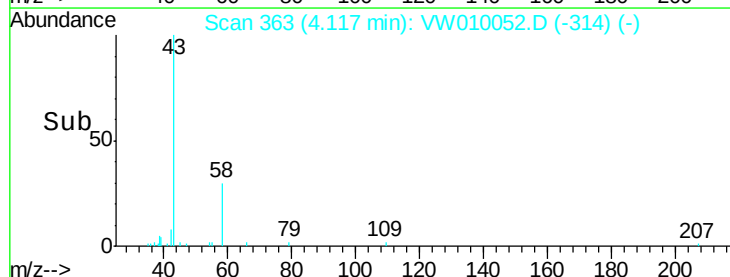
3000

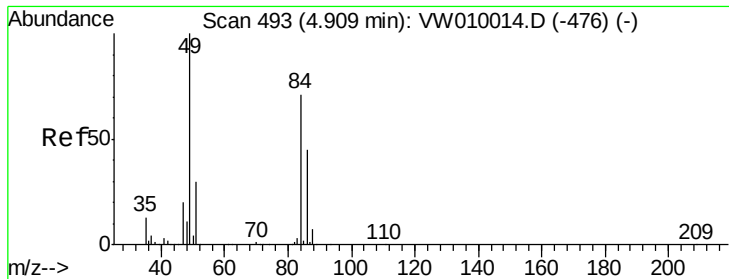
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 6.739 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW010052.D

Acq: 18 Apr 2019 18:24

Instrument :

MSVOA\_W

ClientSampleId :

TP-17-S2

Tot Ion: 84 Resp: 32570

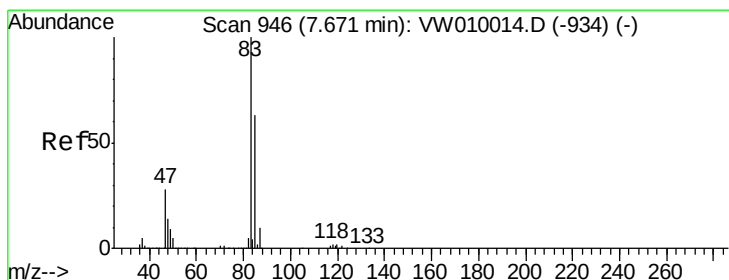
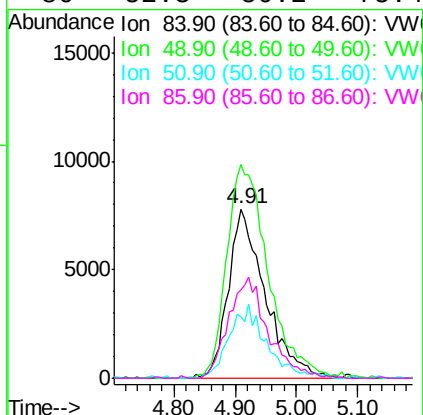
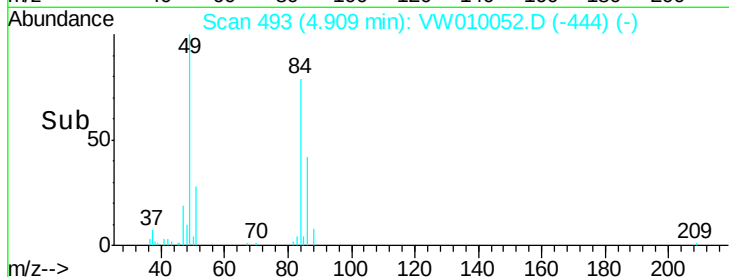
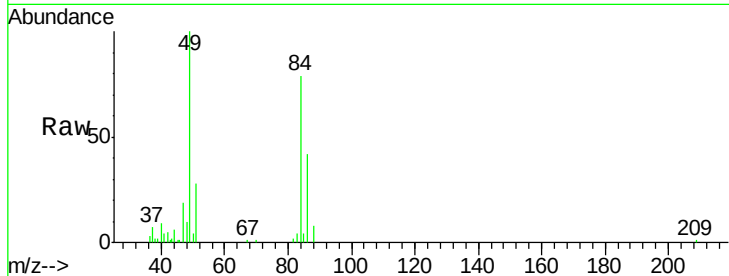
Ion Ratio Lower Upper

84 100

49 126.1 112.3 168.5

51 35.9 33.9 50.9

86 52.3 50.2 75.4



#30

Chloroform

Concen: 1.507 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW010052.D

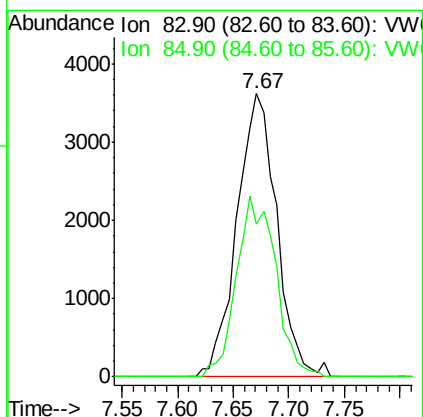
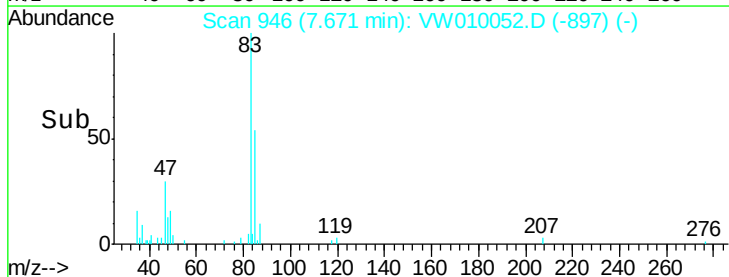
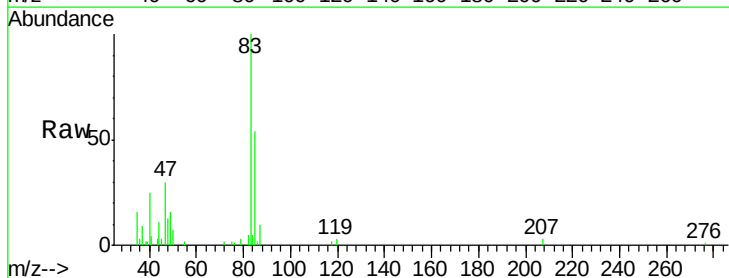
Acq: 18 Apr 2019 18:24

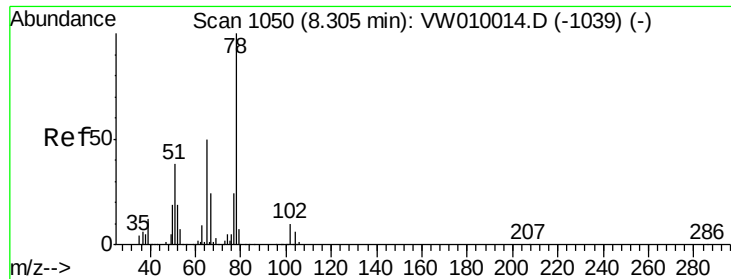
Tgt Ion: 83 Resp: 8997

Ion Ratio Lower Upper

83 100

85 54.0 50.7 76.1

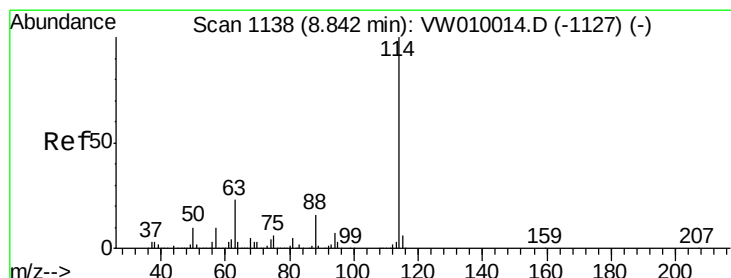
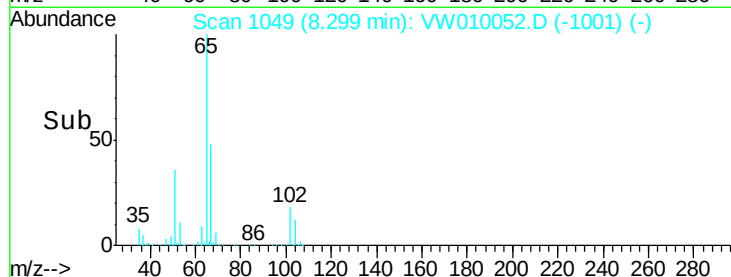
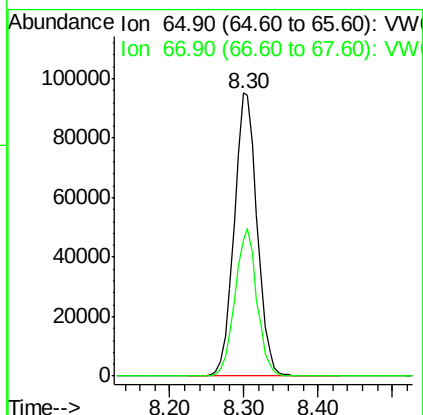
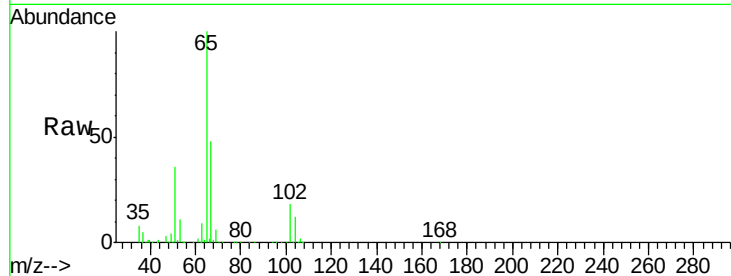




#33  
 1,2-Dichloroethane-d4  
 Concen: 59.498 ug/l  
 RT: 8.30 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: VW010052.D  
 Acq: 18 Apr 2019 18:24

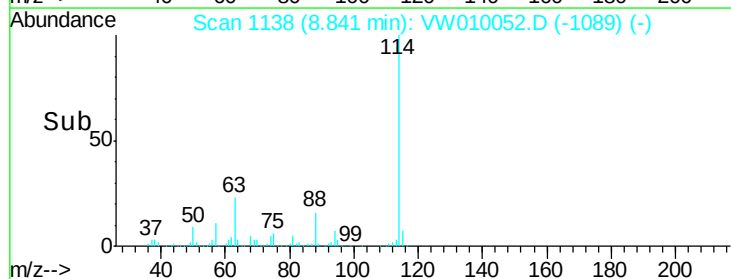
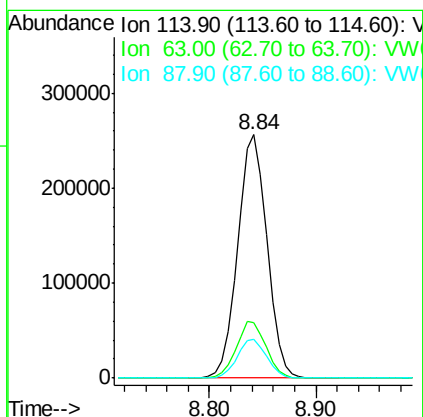
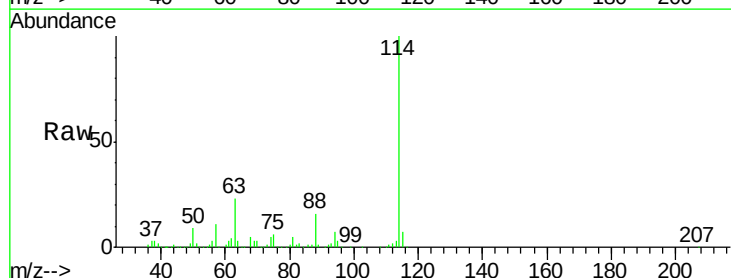
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TP-17-S2

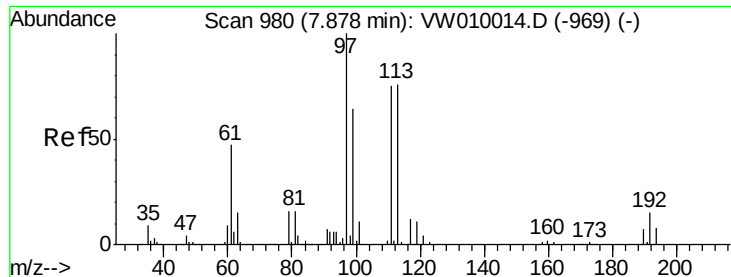
Tot Ion: 65 Resp: 205296  
 Ion Ratio Lower Upper  
 65 100  
 67 50.2 0.0 100.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW010052.D  
 Acq: 18 Apr 2019 18:24

Tgt Ion: 114 Resp: 495186  
 Ion Ratio Lower Upper  
 114 100  
 63 22.8 0.0 46.2  
 88 15.8 0.0 32.6

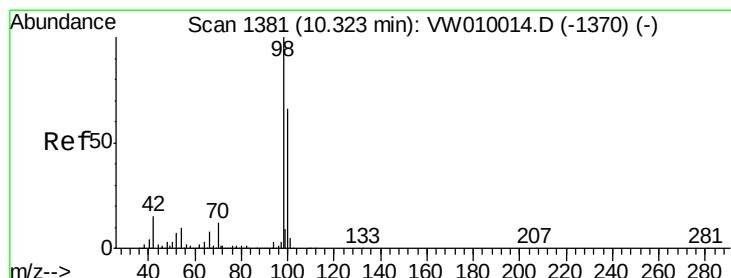
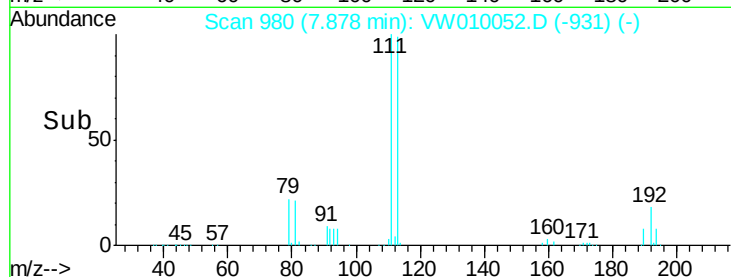
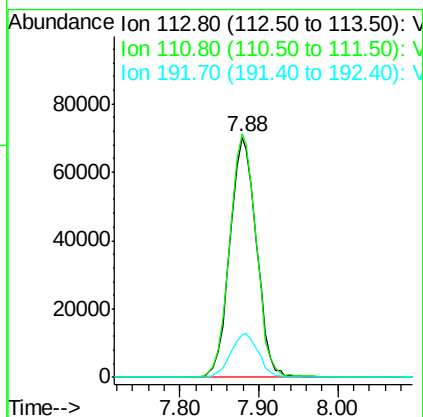
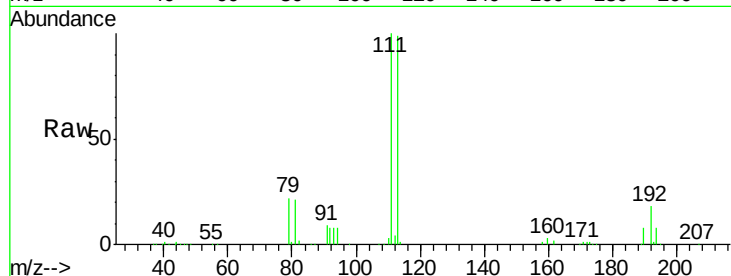




#35  
 Dibromofluoromethane  
 Concen: 52.162 ug/l  
 RT: 7.88 min Scan# 980  
 Delta R.T. -0.00 min  
 Lab File: VW010052.D  
 Acq: 18 Apr 2019 18:24

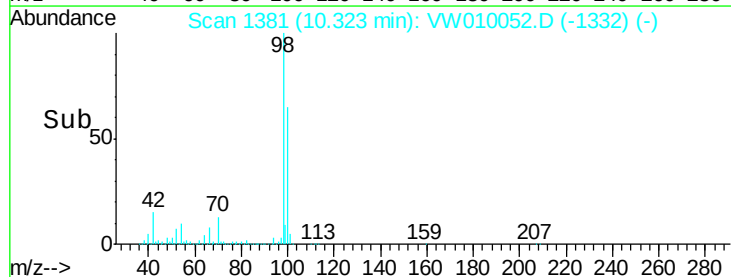
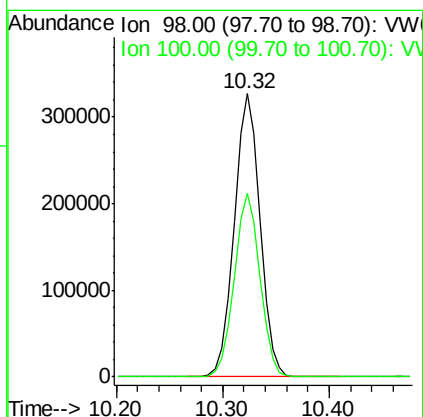
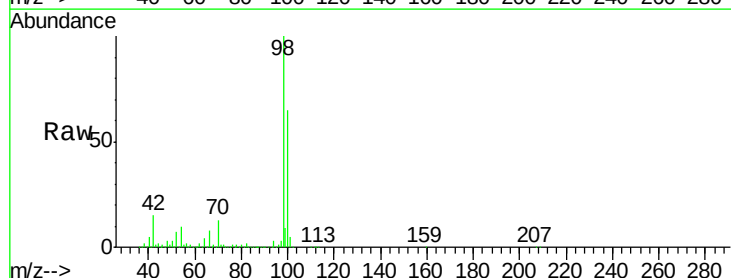
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TP-17-S2

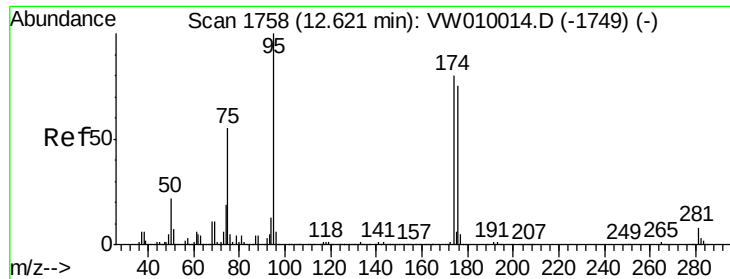
Tot Ion:113 Resp: 164216  
 Ion Ratio Lower Upper  
 113 100  
 111 101.0 82.6 123.8  
 192 18.8 15.4 23.2



#50  
 Toluene-d8  
 Concen: 47.165 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. -0.00 min  
 Lab File: VW010052.D  
 Acq: 18 Apr 2019 18:24

Tgt Ion: 98 Resp: 556403  
 Ion Ratio Lower Upper  
 98 100  
 100 64.3 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 43.686 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010052.D

Acq: 18 Apr 2019 18:24

Instrument :

MSVOA\_W

ClientSampleId :

TP-17-S2

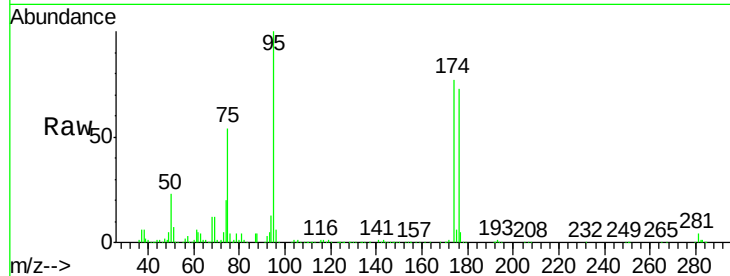
Tot Ion: 95 Resp: 187333

Ion Ratio Lower Upper

95 100

174 77.5 0.0 151.4

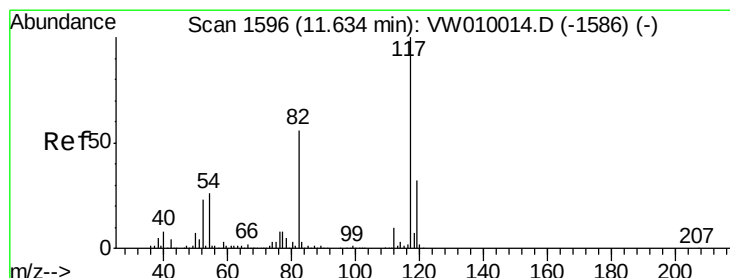
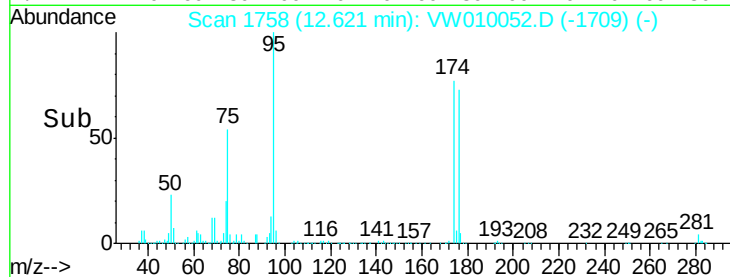
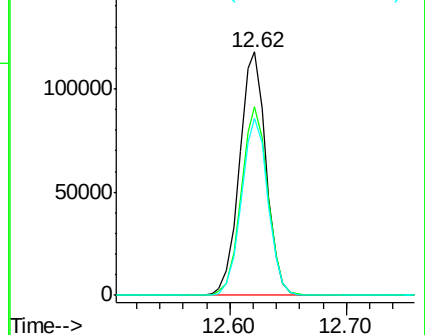
176 72.6 0.0 146.2



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: VW010052.D

Acq: 18 Apr 2019 18:24

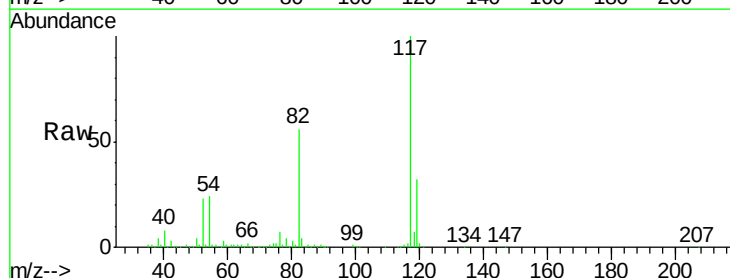
Tgt Ion: 117 Resp: 455034

Ion Ratio Lower Upper

117 100

82 56.4 45.2 67.8

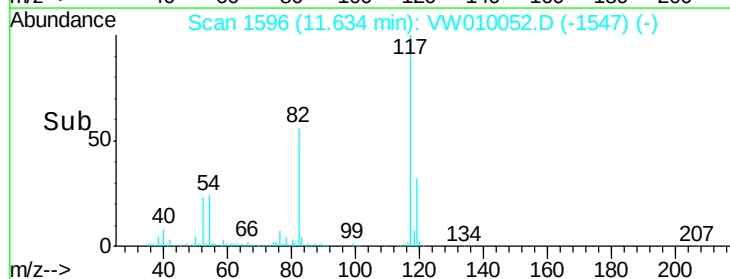
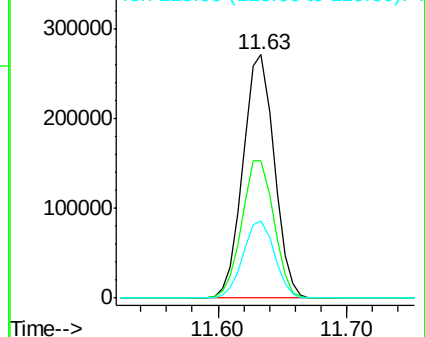
119 31.6 25.4 38.2

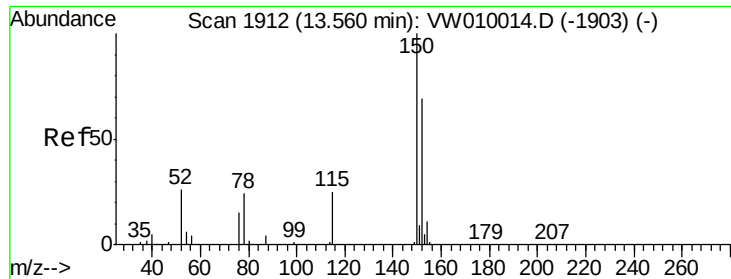


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010052.D

Acq: 18 Apr 2019 18:24

Instrument :

MSVOA\_W

ClientSampleId :

TP-17-S2

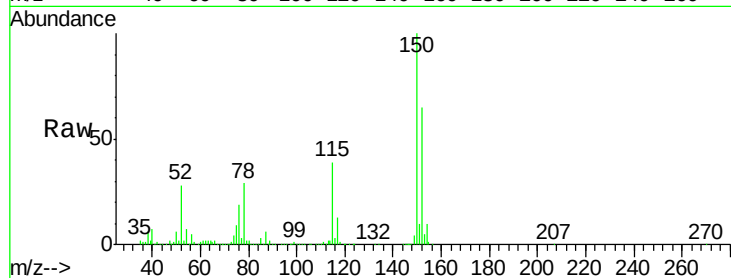
Tot Ion:152 Resp: 207805

Ion Ratio Lower Upper

152 100

115 60.3 30.4 91.2

150 158.1 0.0 347.0



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

