

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\  
 Data File : VW010474.D  
 Acq On : 21 May 2019 03:42  
 Operator : SY/VA  
 Sample : K2935-04  
 Misc : 5.01G/5ML/MSVOA W/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 PURGE-WATER-MUD

Quant Time: May 21 07:34:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 21 06:38:43 2019  
 Response via : Initial Calibration

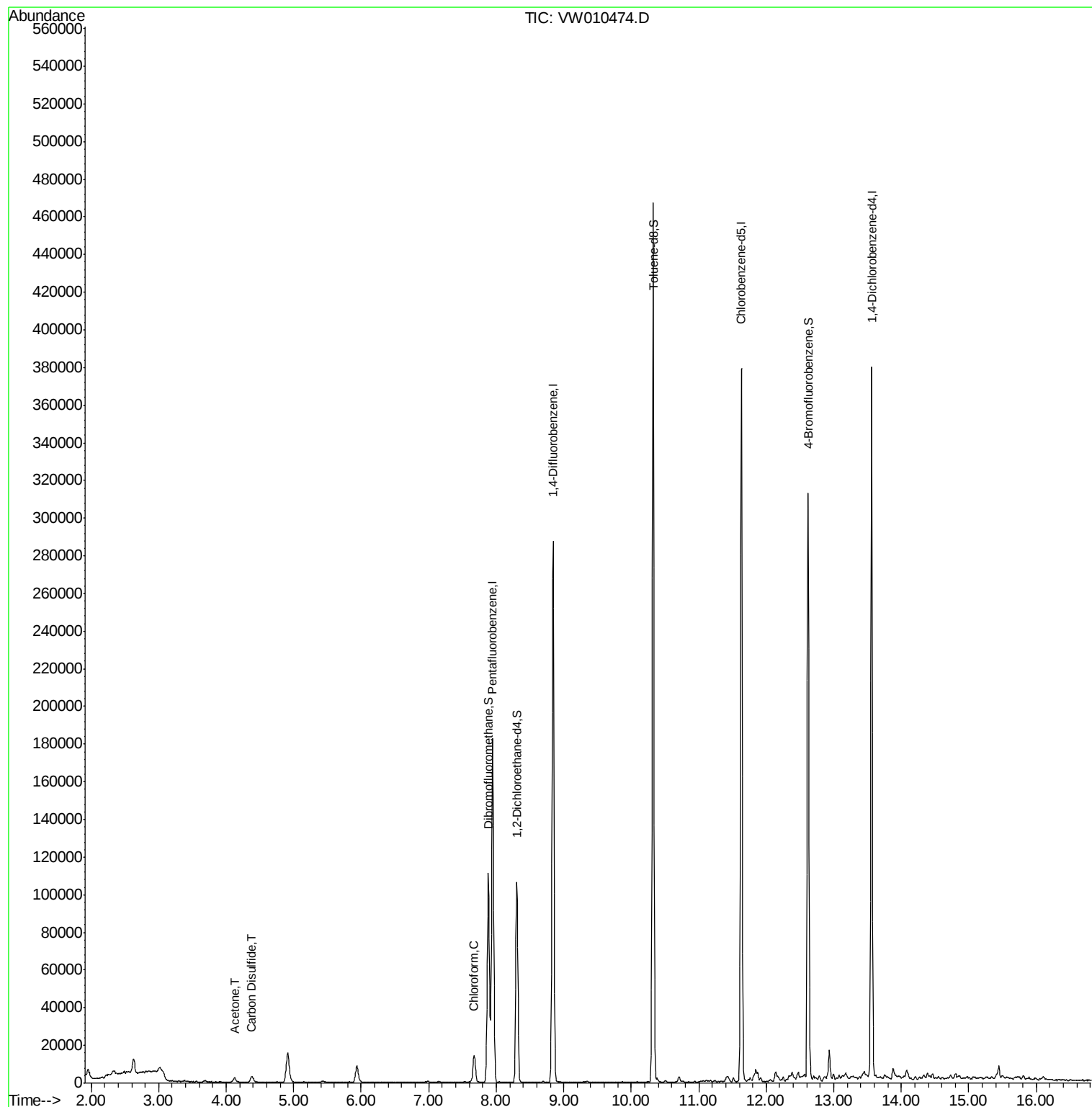
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 131911   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 254452   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 228903   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 95534    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 84024    | 61.71  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 123.42% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 81010    | 52.47  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.94% |          |
| 50) Toluene-d8              | 10.32 | 98   | 317675   | 53.86  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 107.72% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 115593   | 49.20  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.40%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 4.12  | 43   | 4481     | 16.123 | ug/l    | 92       |
| 17) Carbon Disulfide        | 4.37  | 76   | 4732     | 1.139  | ug/l    | 99       |
| 30) Chloroform              | 7.67  | 83   | 13687    | 5.142  | ug/l    | 99       |

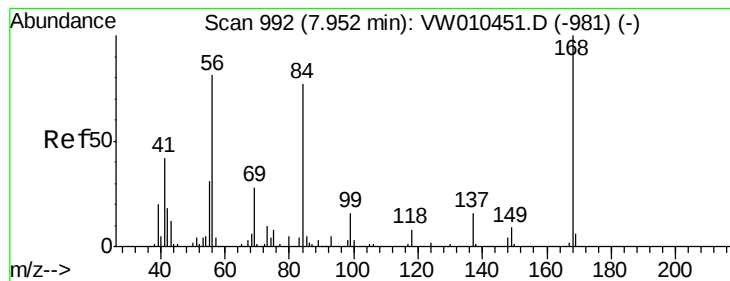
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052019\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 21 06:38:43 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010474.D

Acq: 21 May 2019 03:42

Instrument :

MSVOA\_W

ClientSampleId :

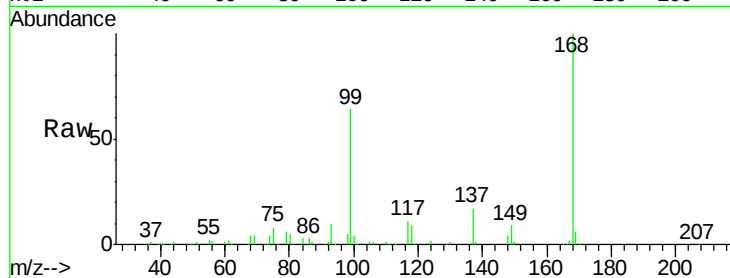
PURGE-WATER-MUD

Tot Ion:168 Resp: 131911

Ion Ratio Lower Upper

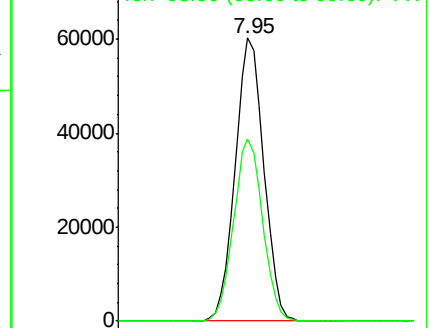
168 100

99 64.2 46.1 69.1

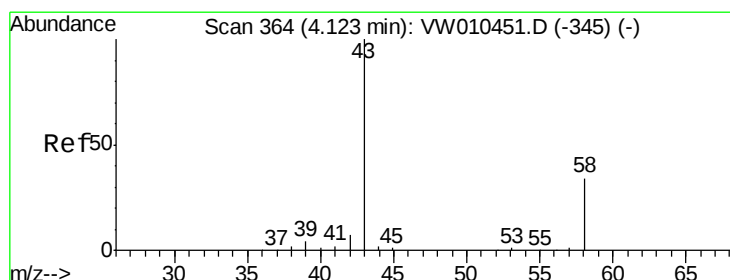
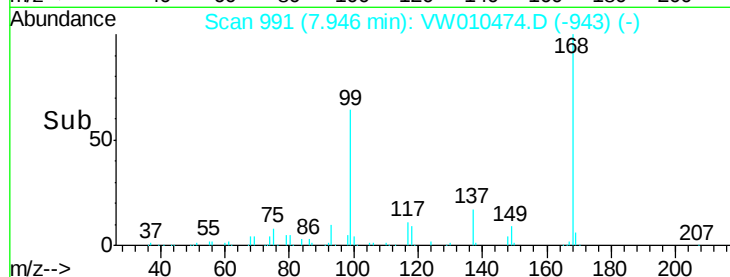


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time-->



#16

Acetone

Concen: 16.123 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010474.D

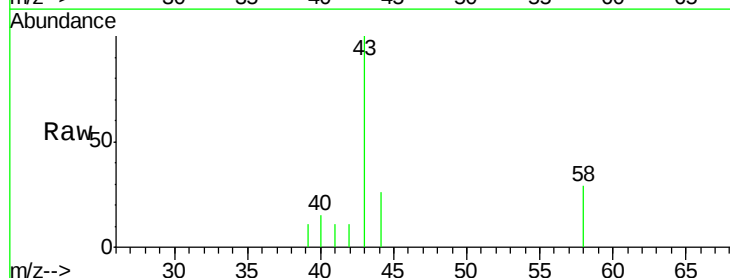
Acq: 21 May 2019 03:42

Tgt Ion: 43 Resp: 4481

Ion Ratio Lower Upper

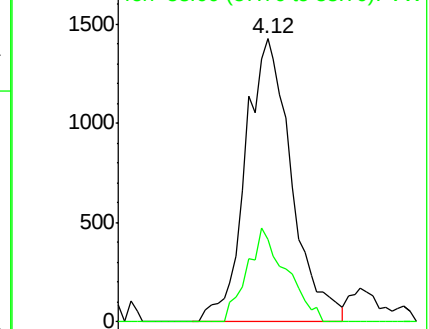
43 100

58 29.1 27.0 40.4

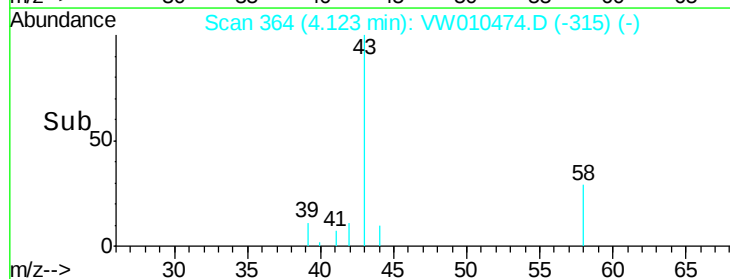


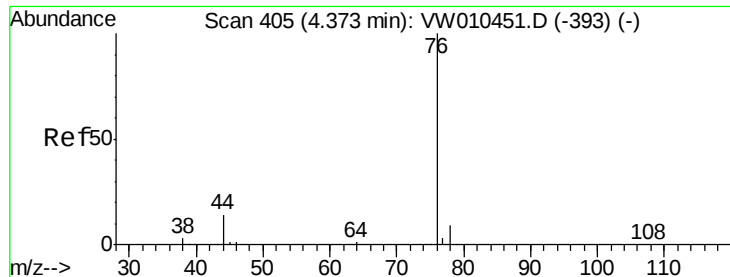
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->

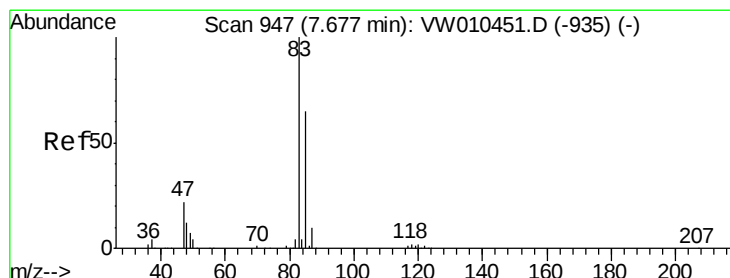
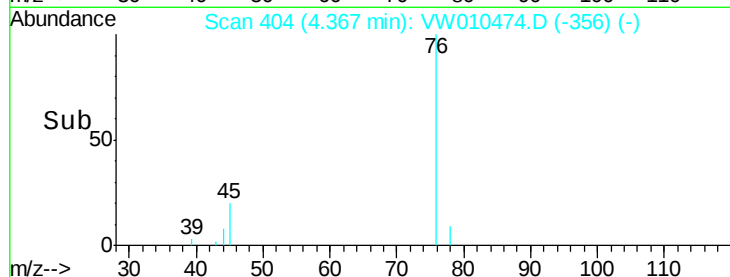
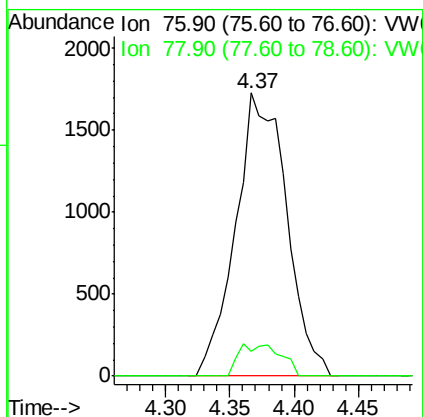
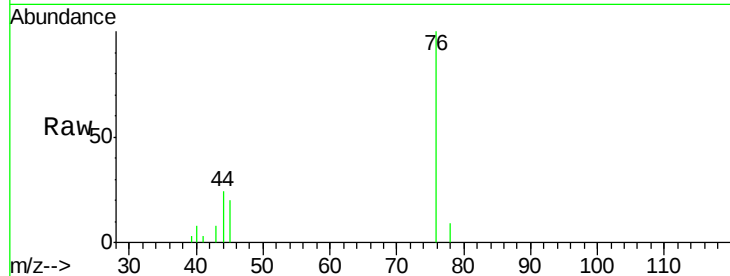




#17  
Carbon Disulfide  
Concen: 1.139 ug/l  
RT: 4.37 min Scan# 404  
Delta R.T. -0.01 min  
Lab File: VW010474.D  
Acq: 21 May 2019 03:42

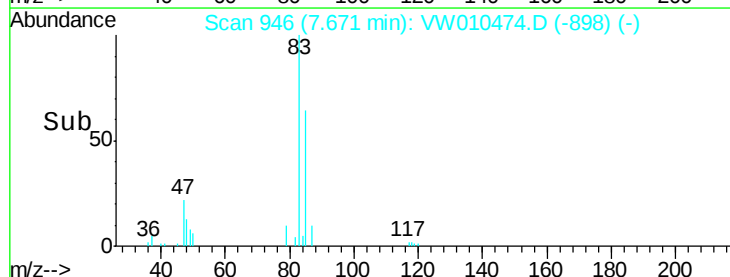
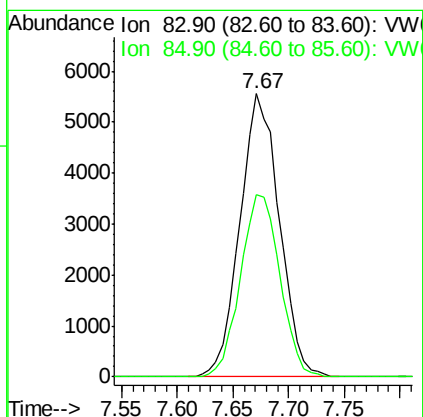
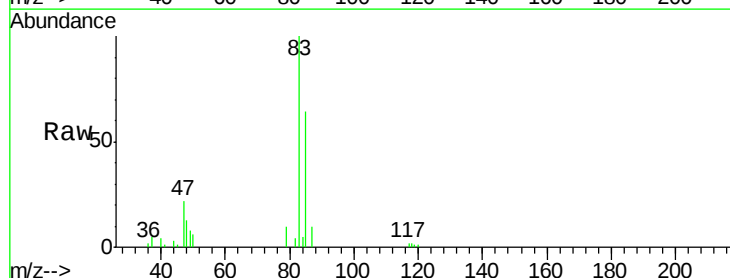
Instrument :  
MSVOA\_W  
ClientSampleId :  
PURGE-WATER-MUD

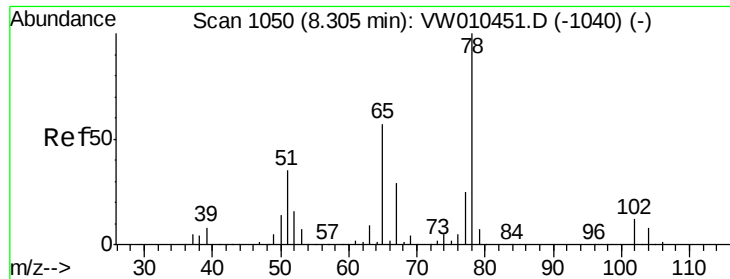
Tot Ion: 76 Resp: 4732  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.1 10.7



#30  
Chloroform  
Concen: 5.142 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. -0.01 min  
Lab File: VW010474.D  
Acq: 21 May 2019 03:42

Tgt Ion: 83 Resp: 13687  
Ion Ratio Lower Upper  
83 100  
85 64.3 52.2 78.4

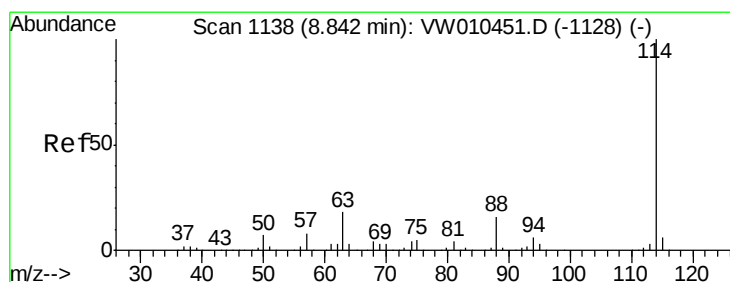
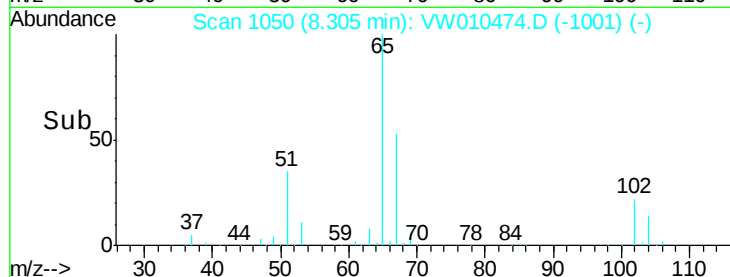
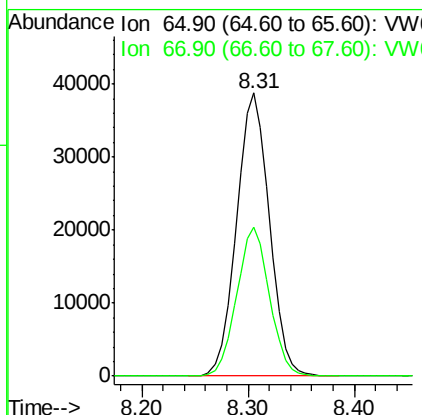
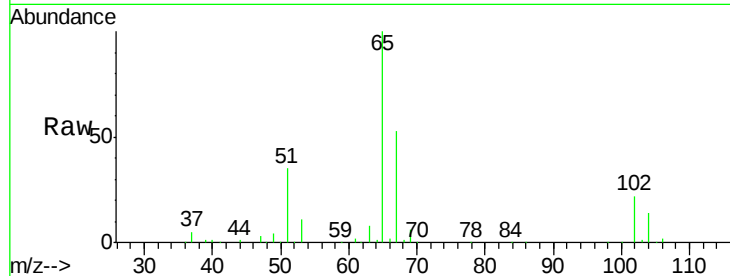




#33  
 1,2-Dichloroethane-d4  
 Concen: 61.712 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW010474.D  
 Acq: 21 May 2019 03:42

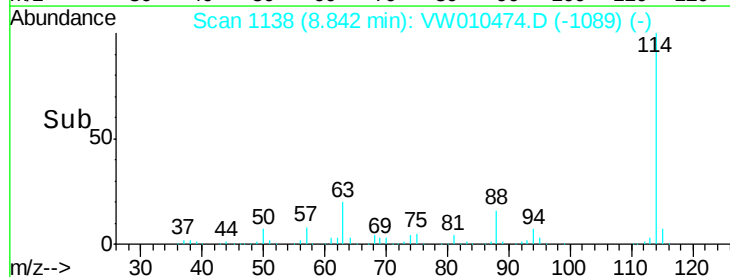
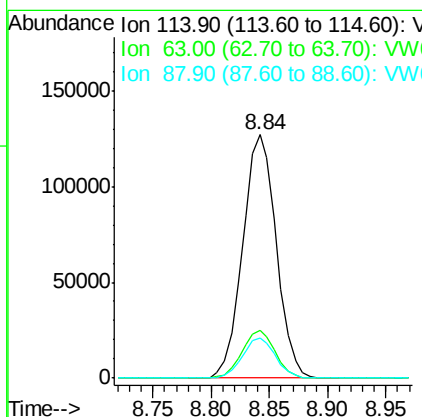
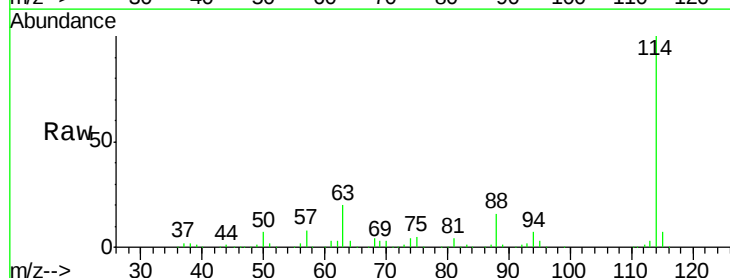
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 PURGE-WATER-MUD

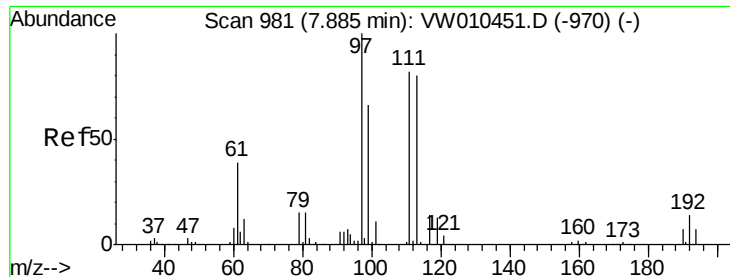
Tot Ion: 65 Resp: 84024  
 Ion Ratio Lower Upper  
 65 100  
 67 52.4 0.0 103.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW010474.D  
 Acq: 21 May 2019 03:42

Tgt Ion: 114 Resp: 254452  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 36.0  
 88 16.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.469 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010474.D

Acq: 21 May 2019 03:42

Instrument :

MSVOA\_W

ClientSampleId :

PURGE-WATER-MUD

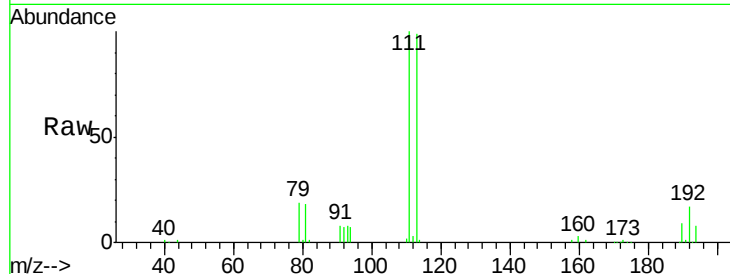
Tot Ion:113 Resp: 81010

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

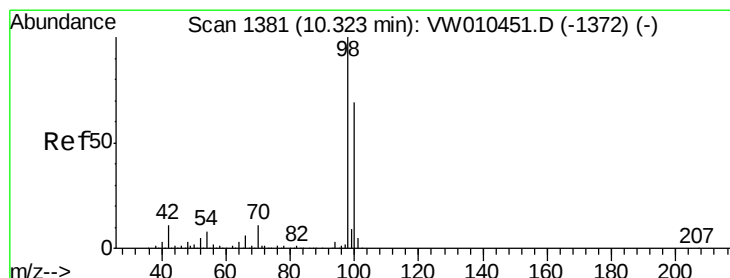
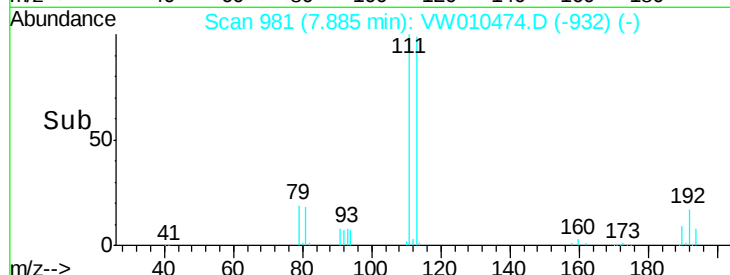
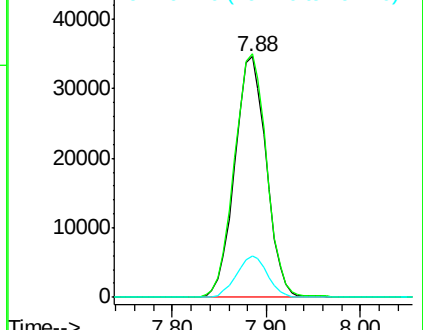
192 16.9 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 53.859 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010474.D

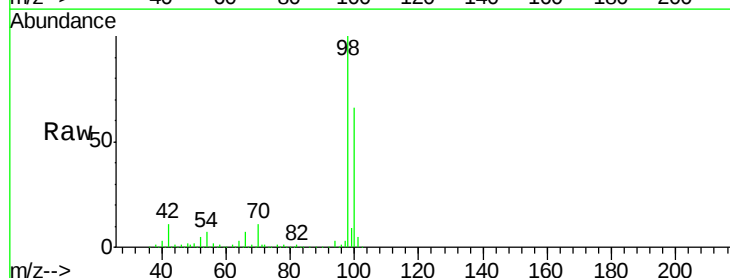
Acq: 21 May 2019 03:42

Tgt Ion: 98 Resp: 317675

Ion Ratio Lower Upper

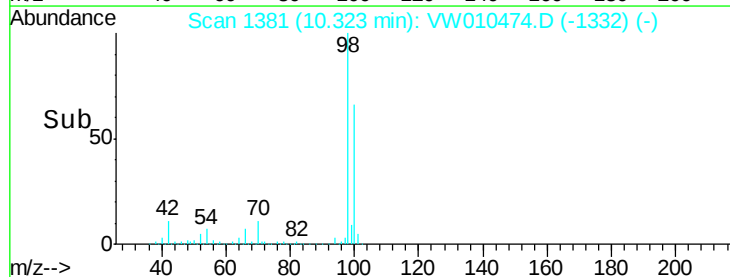
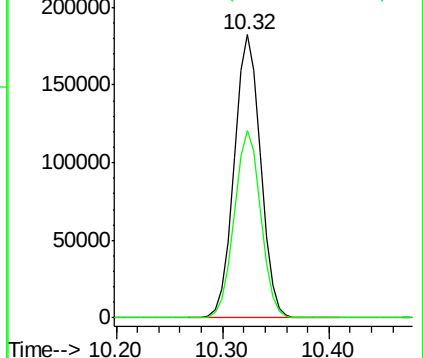
98 100

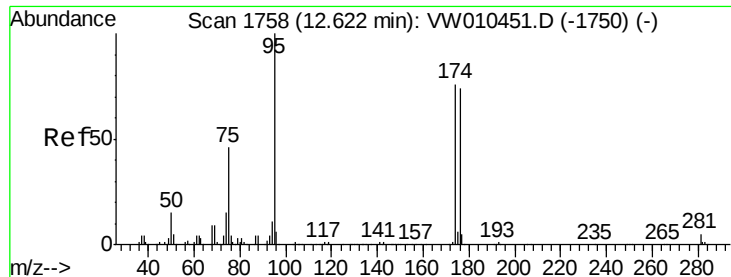
100 66.3 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 49.201 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010474.D

Acq: 21 May 2019 03:42

Instrument :

MSVOA\_W

ClientSampleId :

PURGE-WATER-MUD

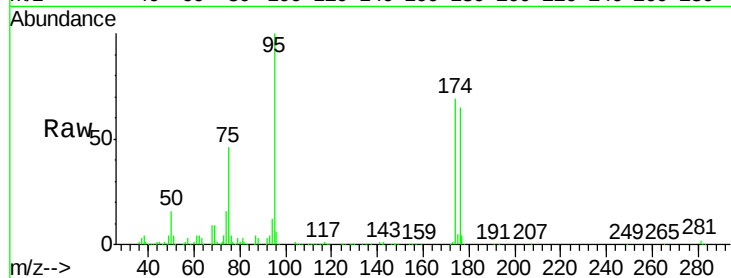
Tot Ion: 95 Resp: 115593

Ion Ratio Lower Upper

95 100

174 67.6 0.0 148.6

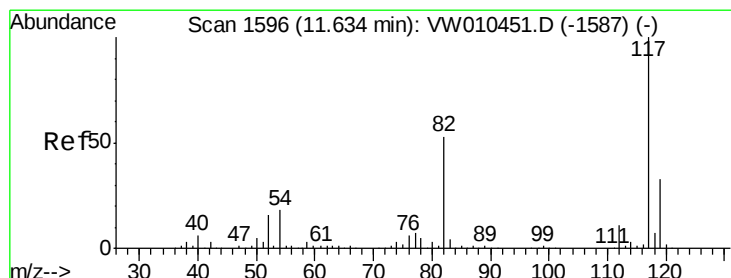
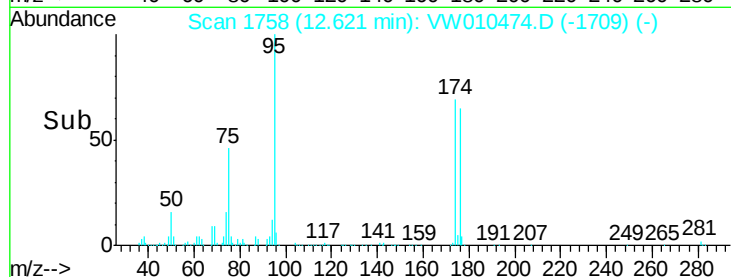
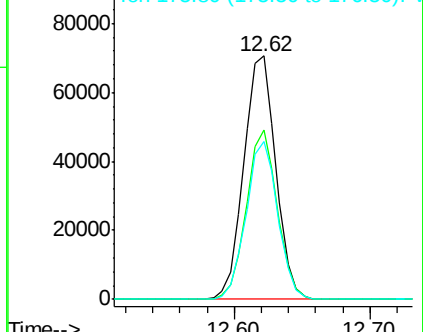
176 64.8 0.0 144.2



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: VW010474.D

Acq: 21 May 2019 03:42

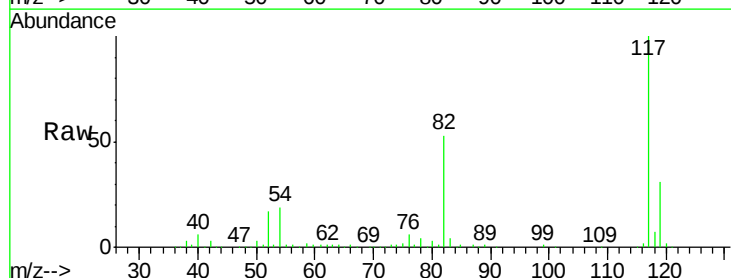
Tgt Ion: 117 Resp: 228903

Ion Ratio Lower Upper

117 100

82 53.5 42.8 64.2

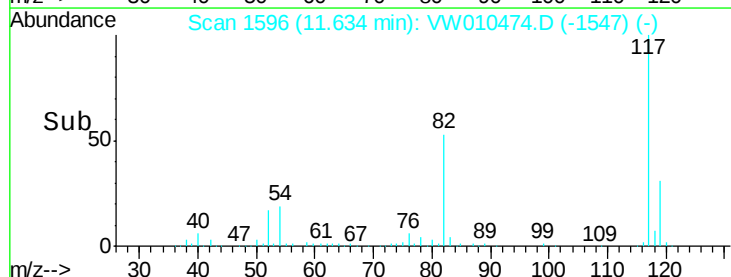
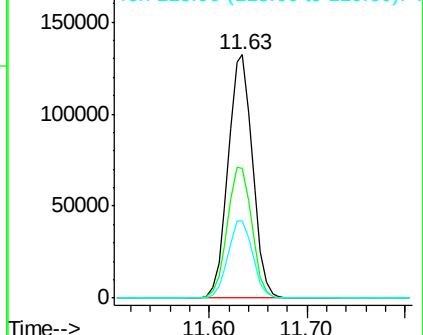
119 31.5 26.3 39.5

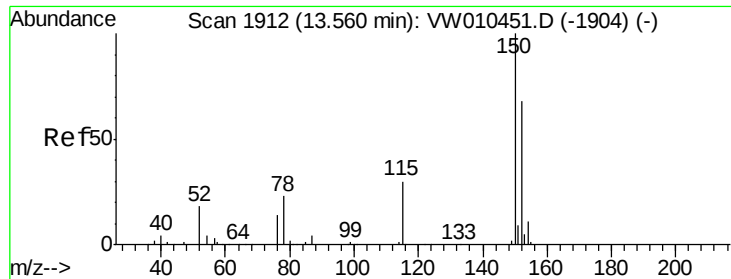


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW010474.D

Acq: 21 May 2019 03:42

Instrument :

MSVOA\_W

ClientSampleId :

PURGE-WATER-MUD

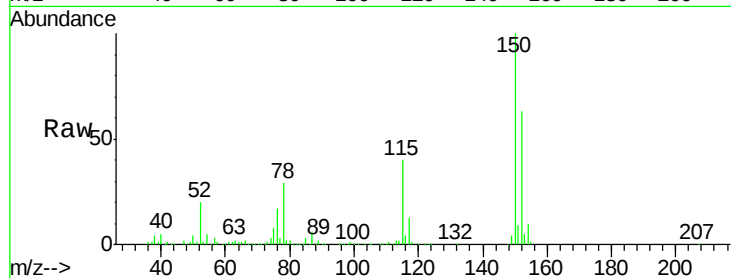
Tot Ion:152 Resp: 95534

Ion Ratio Lower Upper

152 100

115 64.6 30.3 91.0

150 159.1 0.0 349.8



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

