

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021819\  
 Data File : VW008734.D  
 Acq On : 18 Feb 2019 17:46  
 Operator : SY/VA  
 Sample : K1518-07  
 Misc : 6.66G/5ML/MSVOA W/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CABLE-BRIDGE-FOUNDATION-D-4

Quant Time: Feb 19 04:08:45 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W021319S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 14 04:06:50 2019  
 Response via : Initial Calibration

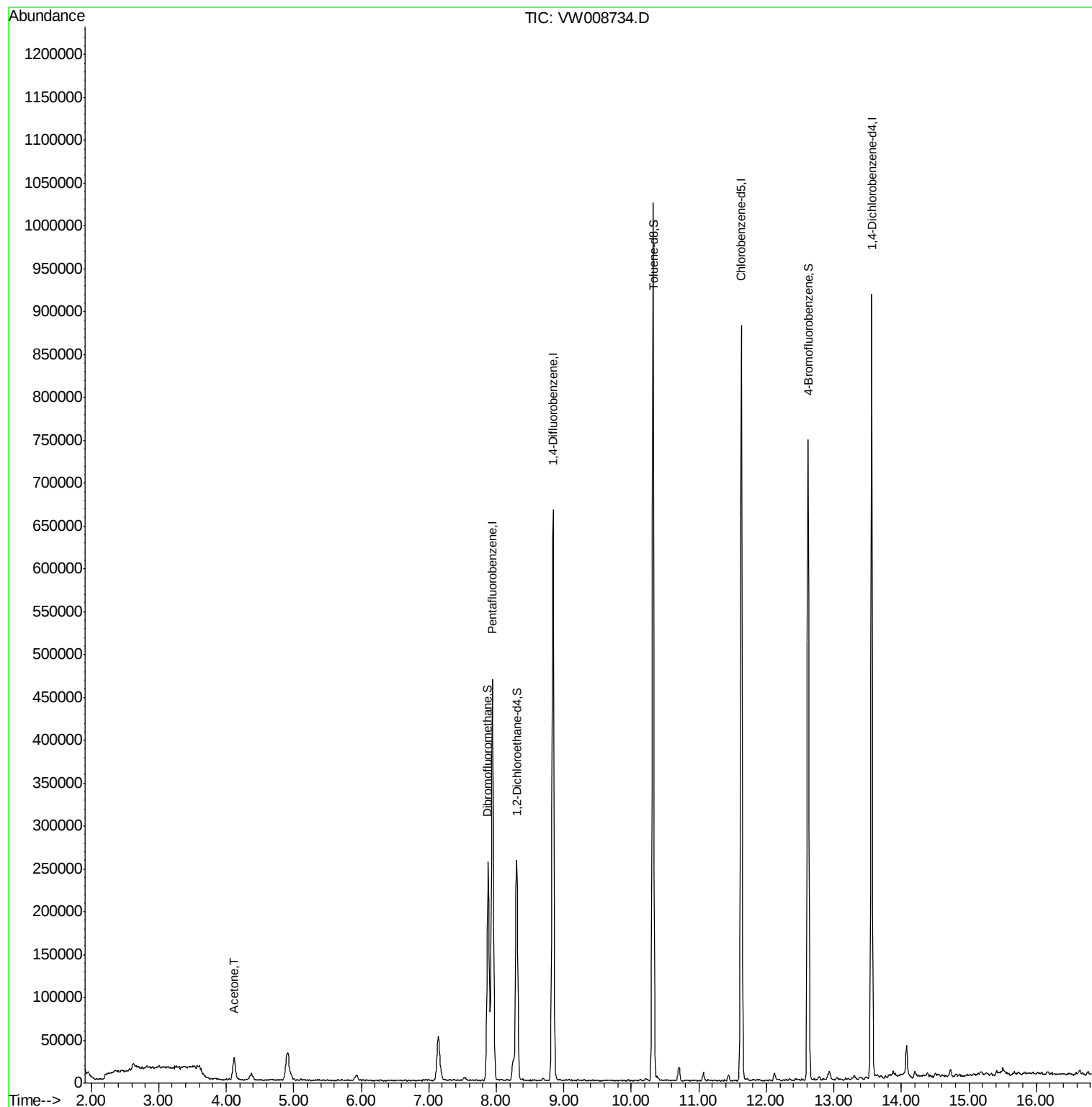
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|---------|-----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 361526   | 50.00  | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 550054   | 50.00  | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 480423   | 50.00  | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 227526   | 50.00  | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |        |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 201790   | 53.69  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 107.38% |           |
| 35) Dibromofluoromethane    | 7.88  | 113  | 174642   | 51.13  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.26% |           |
| 50) Toluene-d8              | 10.32 | 98   | 648378   | 49.25  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.50%  |           |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 221899   | 44.74  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 89.48%  |           |
| Target Compounds            |       |      |          |        |         |           |
| 16) Acetone                 | 4.12  | 43   | 46245    | 54.070 | ug/l    | Qvalue 92 |

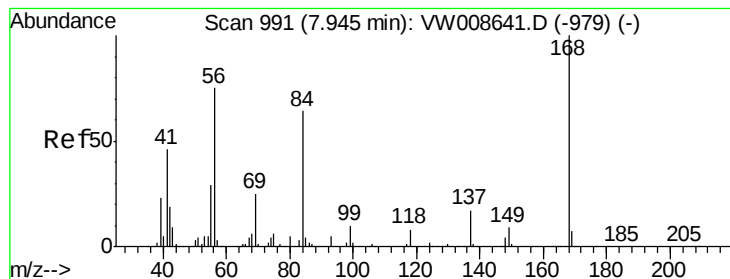
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021819\  
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ALS Vial : 15 Sample Multiplier: 1

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CABLE-BRIDGE-FOUNDATION-D-4

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Quant Title : SW846 8260  
QLast Update : Thu Feb 14 04:06:50 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: VW008734.D

Acq: 18 Feb 2019 17:46

Instrument :

MSVOA\_W

ClientSampleId :

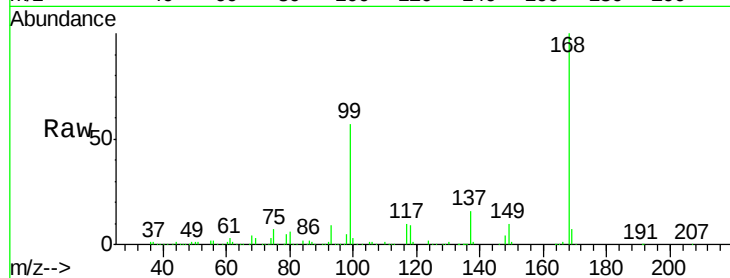
CABLE-BRIDGE-FOUNDATION-D-4

Tot Ion:168 Resp: 361526

Ion Ratio Lower Upper

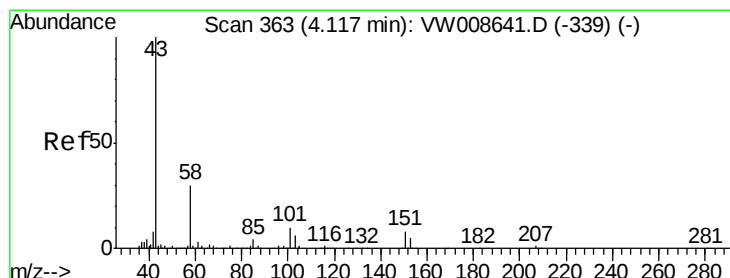
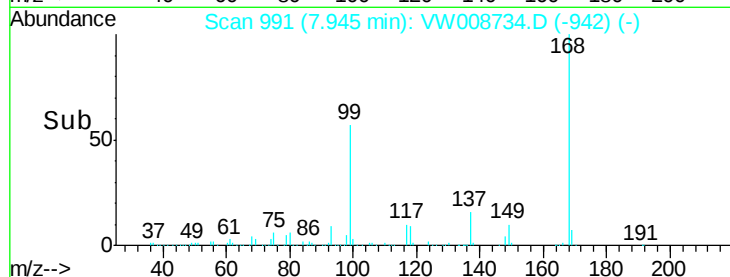
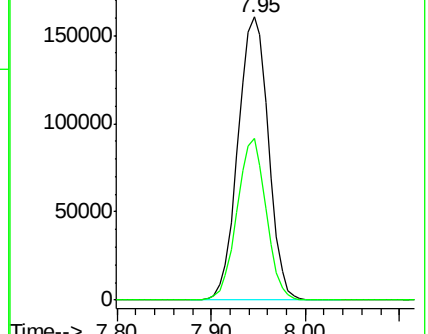
168 100

99 57.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 54.070 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008734.D

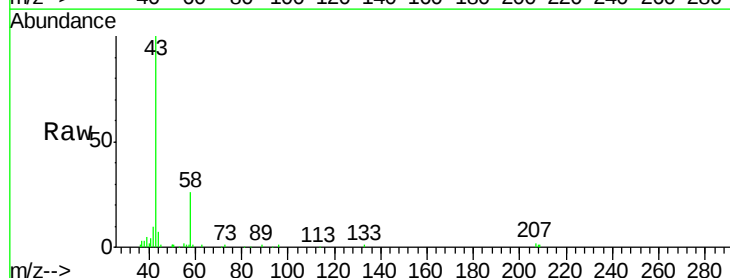
Acq: 18 Feb 2019 17:46

Tgt Ion: 43 Resp: 46245

Ion Ratio Lower Upper

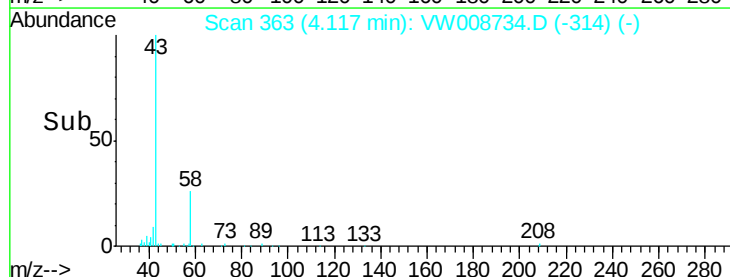
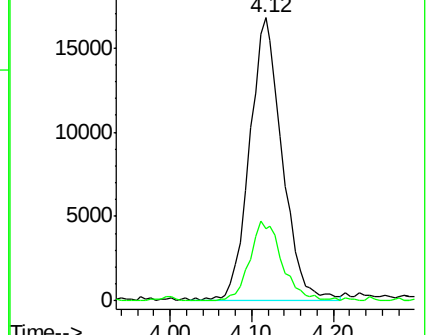
43 100

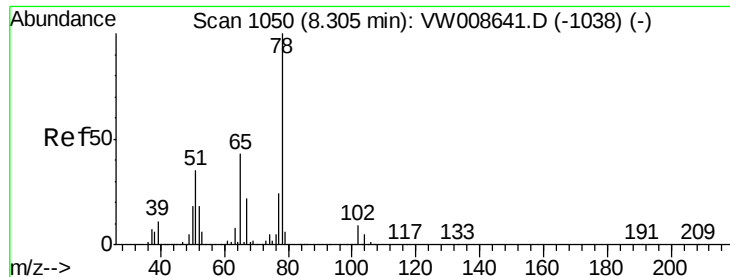
58 25.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 53.688 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008734.D

Acq: 18 Feb 2019 17:46

Instrument :

MSVOA\_W

ClientSampleId :

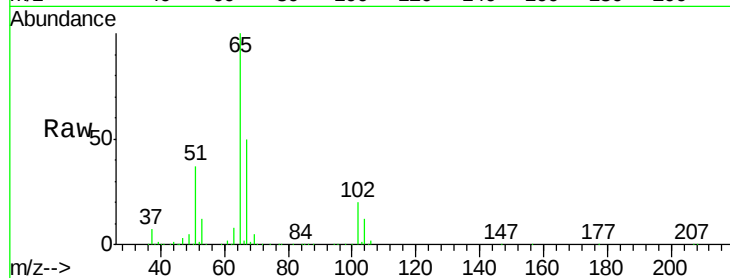
CABLE-BRIDGE-FOUNDATION-D-4

Tot Ion: 65 Resp: 201790

Ion Ratio Lower Upper

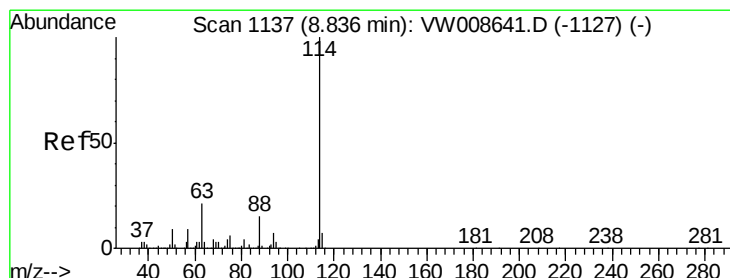
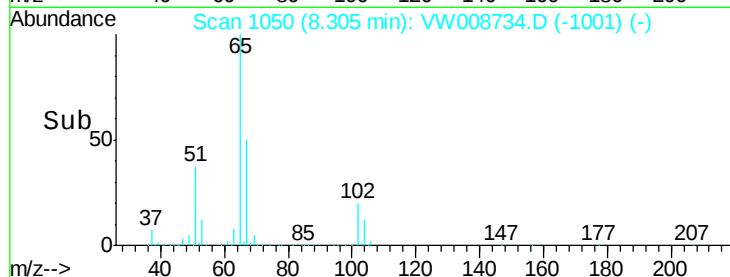
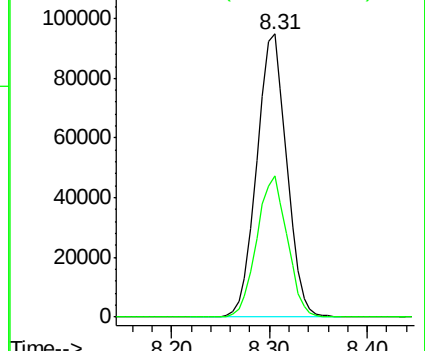
65 100

67 50.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008734.D

Acq: 18 Feb 2019 17:46

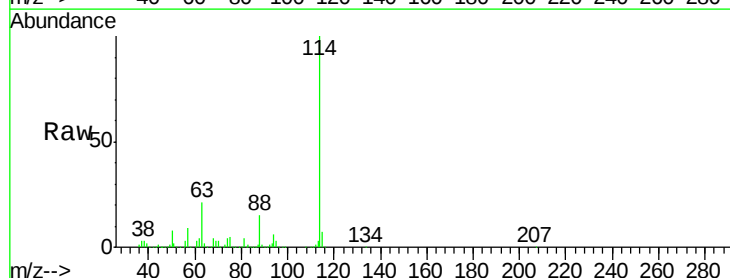
Tgt Ion: 114 Resp: 550054

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.2

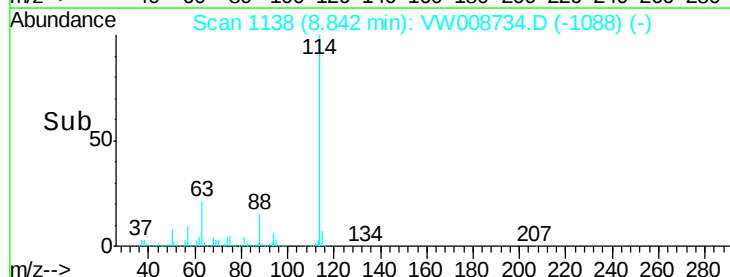
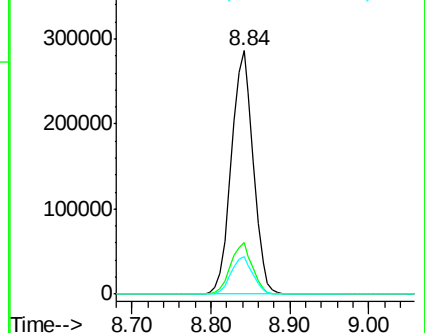
88 15.3 0.0 29.6

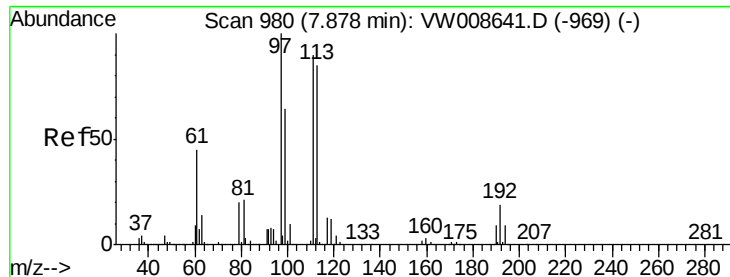


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

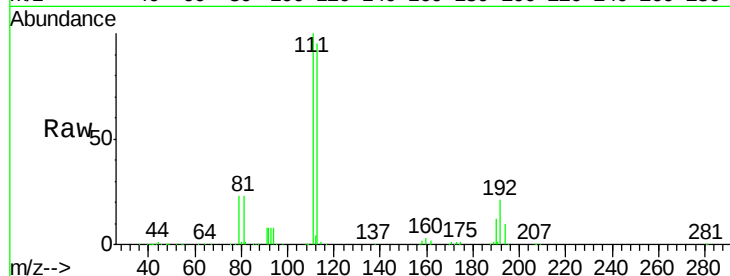




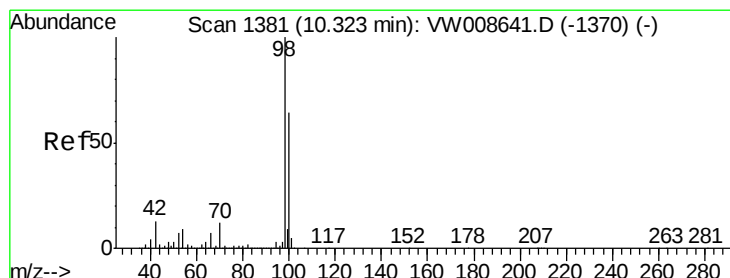
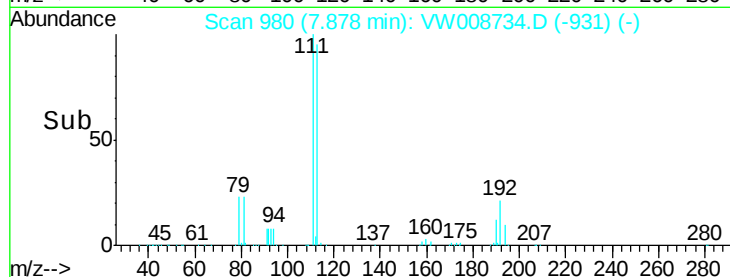
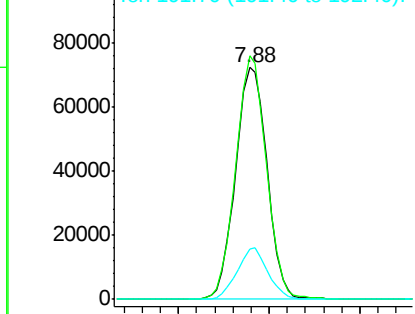
#35  
Dibromofluoromethane  
Concen: 51.132 ug/l  
RT: 7.88 min Scan# 980  
Delta R.T. -0.00 min  
Lab File: VW008734.D  
Acq: 18 Feb 2019 17:46

Instrument :  
MSVOA\_W  
ClientSampleId :  
CABLE-BRIDGE-FOUNDATION-D-4

Tot Ion:113 Resp: 174642  
Ion Ratio Lower Upper  
113 100  
111 102.0 84.0 126.0  
192 21.6 17.4 26.2

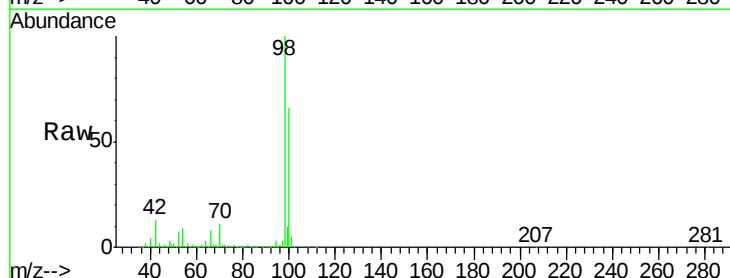


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

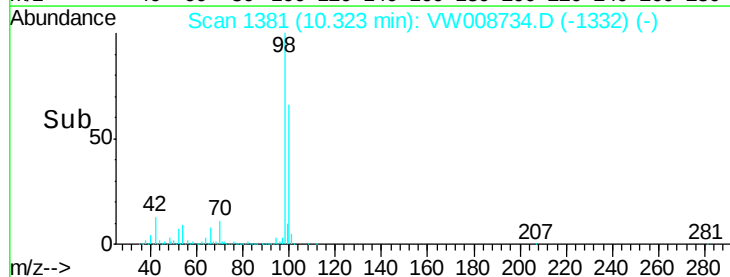
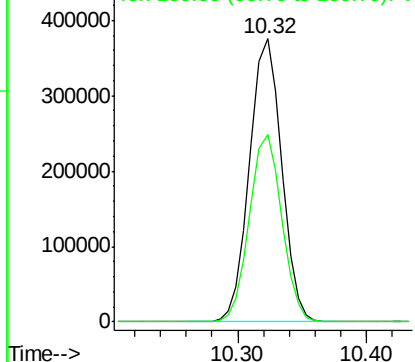


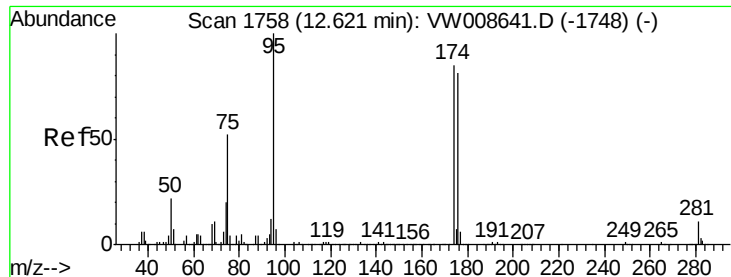
#50  
Toluene-d8  
Concen: 49.245 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: VW008734.D  
Acq: 18 Feb 2019 17:46

Tgt Ion: 98 Resp: 648378  
Ion Ratio Lower Upper  
98 100  
100 66.5 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW  
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 44.744 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008734.D

Acq: 18 Feb 2019 17:46

Instrument :

MSVOA\_W

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-4

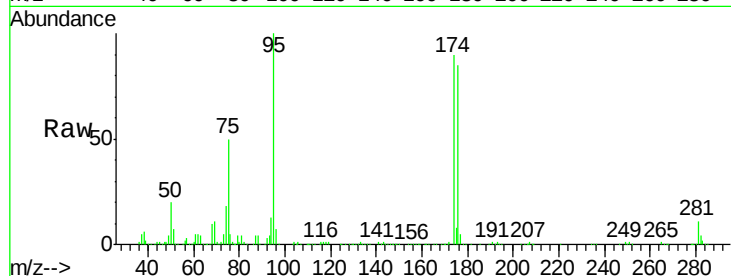
Tot Ion: 95 Resp: 221899

Ion Ratio Lower Upper

95 100

174 86.4 0.0 163.2

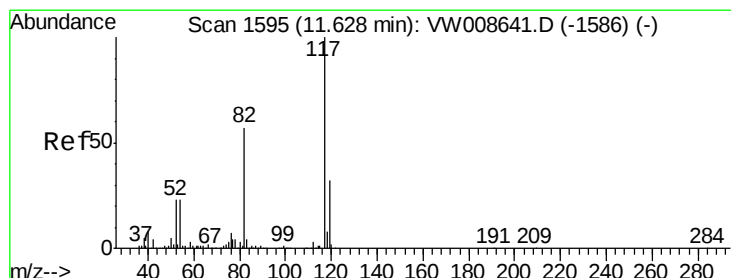
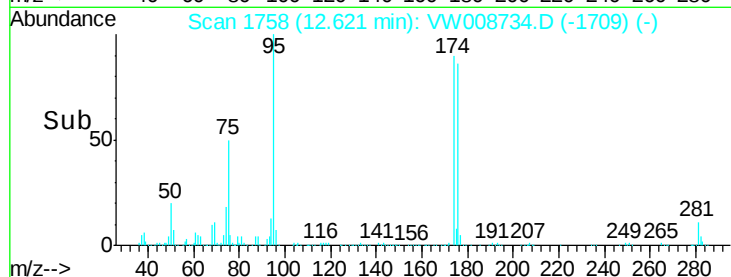
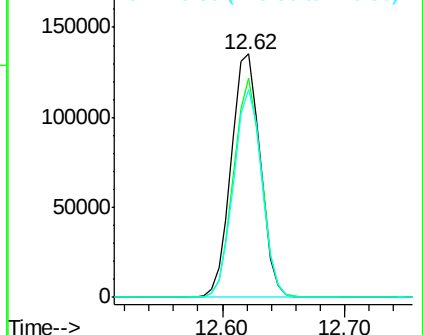
176 83.5 0.0 158.0



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# 1595

Delta R.T. -0.00 min

Lab File: VW008734.D

Acq: 18 Feb 2019 17:46

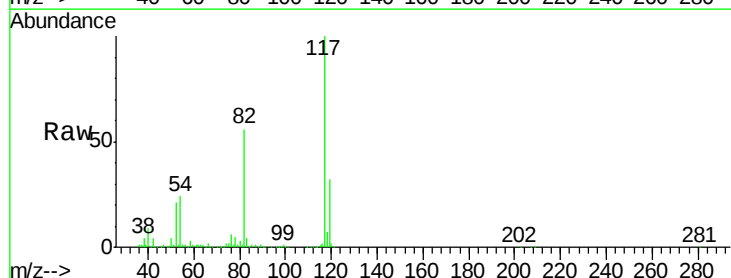
Tgt Ion: 117 Resp: 480423

Ion Ratio Lower Upper

117 100

82 56.2 45.6 68.4

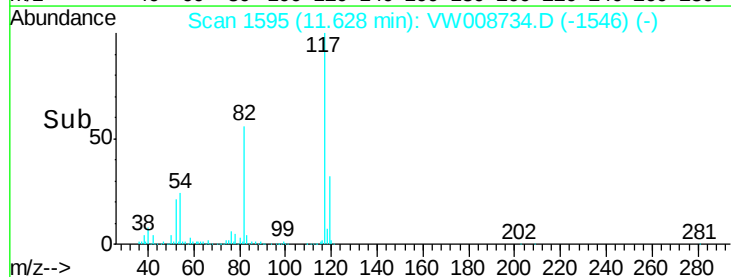
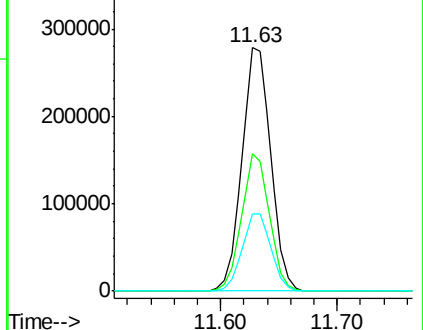
119 31.9 25.7 38.5

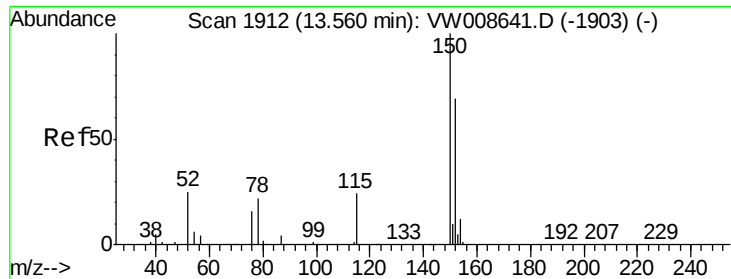


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008734.D

Acq: 18 Feb 2019 17:46

Instrument :

MSVOA\_W

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-4

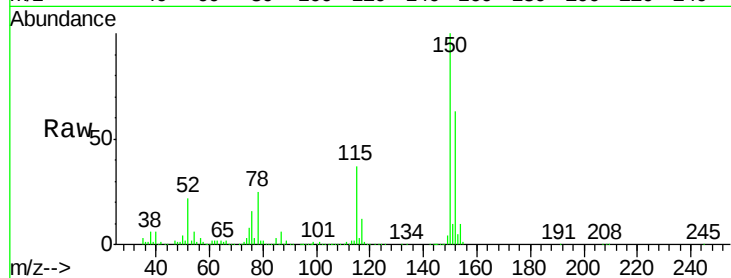
Tot Ion:152 Resp: 227526

Ion Ratio Lower Upper

152 100

115 57.7 29.3 87.8

150 159.4 0.0 352.8



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

