

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\  
 Data File : VW008694.D  
 Acq On : 15 Feb 2019 19:33  
 Operator : SY/VA  
 Sample : K1515-05  
 Misc : 6.01G/5ML/MSVOA W/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TS-5

Quant Time: Feb 16 02:46:33 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

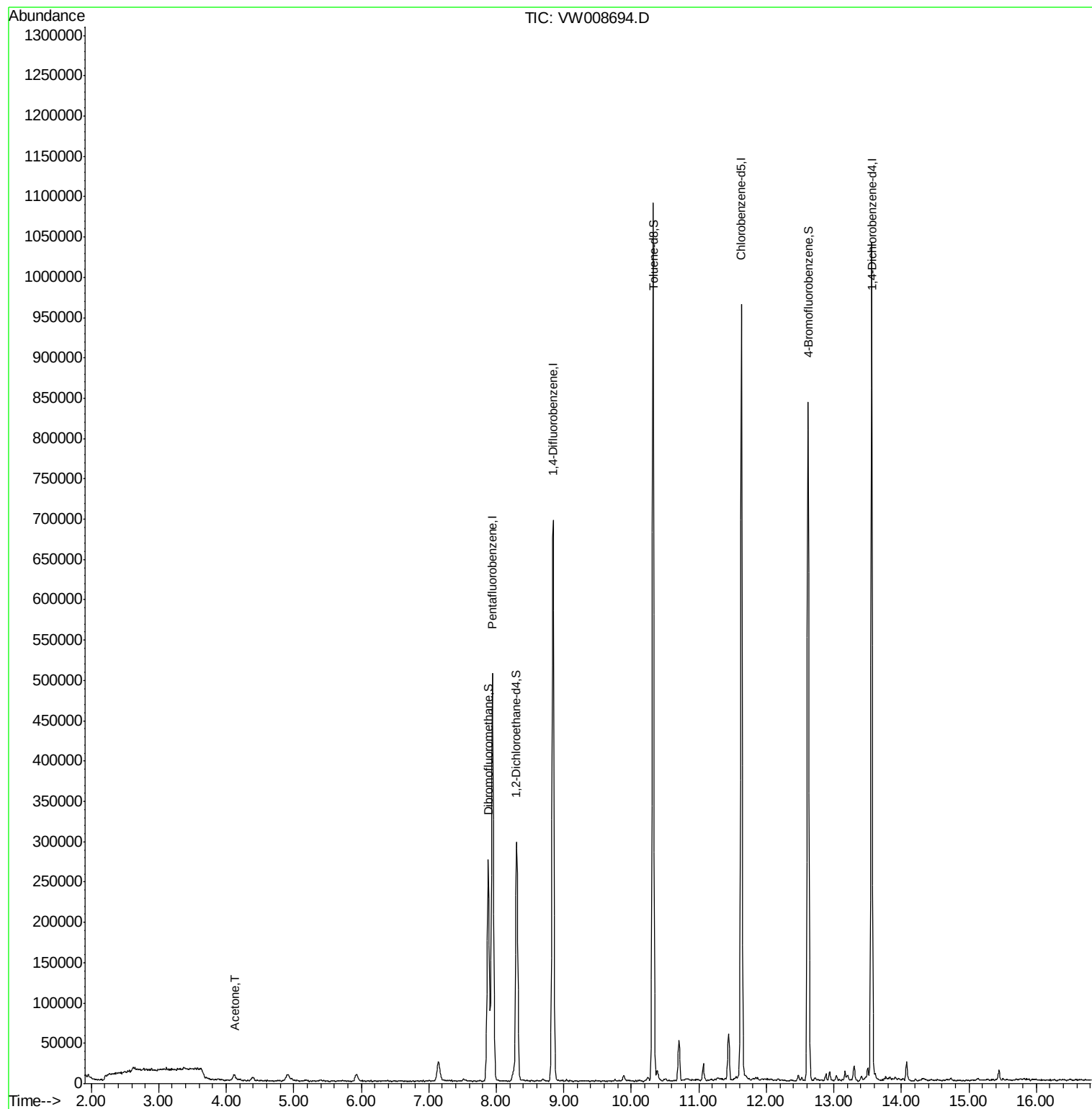
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|---------|-----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 387769   | 50.00  | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 585443   | 50.00  | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 527622   | 50.00  | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 257922   | 50.00  | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |        |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.30  | 65   | 223352   | 55.40  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 110.80% |           |
| 35) Dibromofluoromethane    | 7.88  | 113  | 188332   | 51.81  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.62% |           |
| 50) Toluene-d8              | 10.32 | 98   | 692918   | 49.45  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.90%  |           |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 247480   | 46.89  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.78%  |           |
| Target Compounds            |       |      |          |        |         |           |
| 16) Acetone                 | 4.12  | 43   | 13476    | 14.690 | ug/l    | Qvalue 95 |

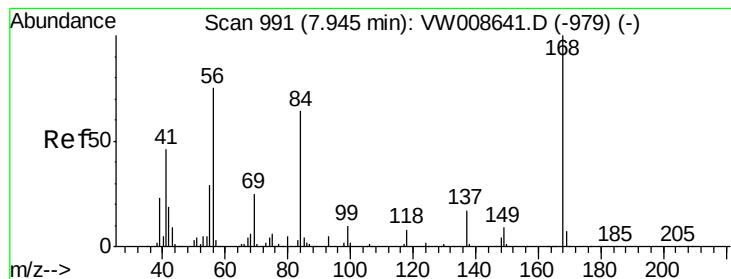
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021519\  
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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: VW008694.D

Acq: 15 Feb 2019 19:33

Instrument :

MSVOA\_W

ClientSampleId :

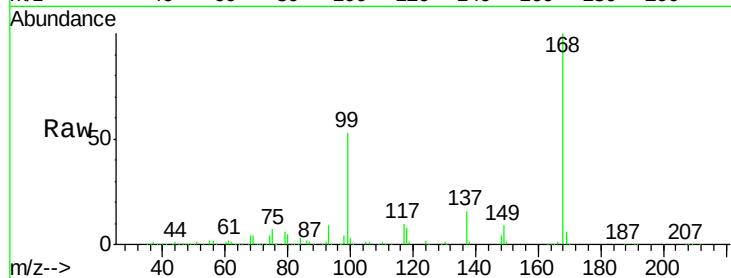
TS-5

Tot Ion:168 Resp: 387769

Ion Ratio Lower Upper

168 100

99 53.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

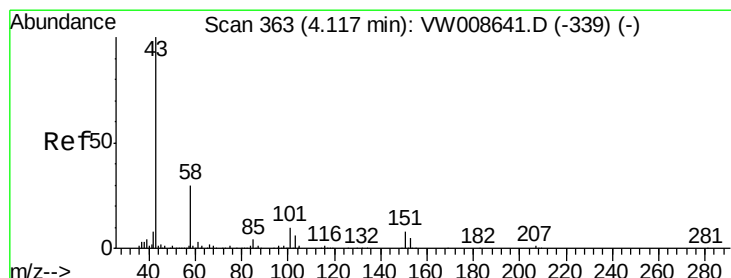
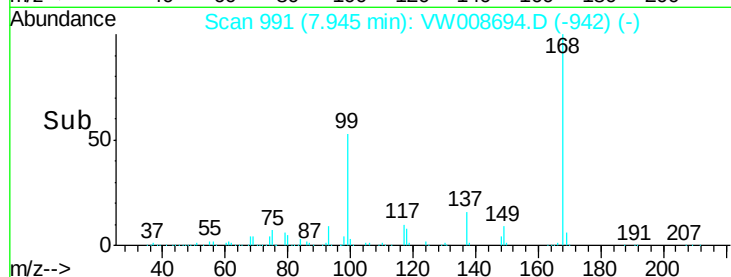
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 14.690 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008694.D

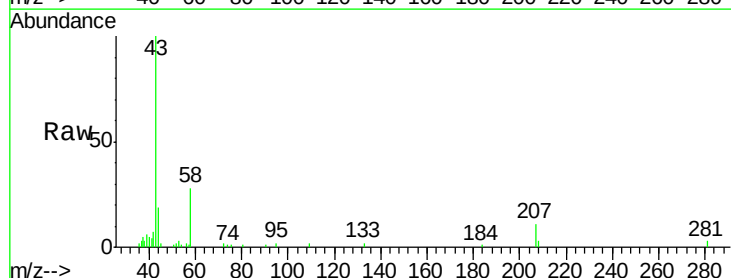
Acq: 15 Feb 2019 19:33

Tgt Ion: 43 Resp: 13476

Ion Ratio Lower Upper

43 100

58 27.3 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

5000

4000

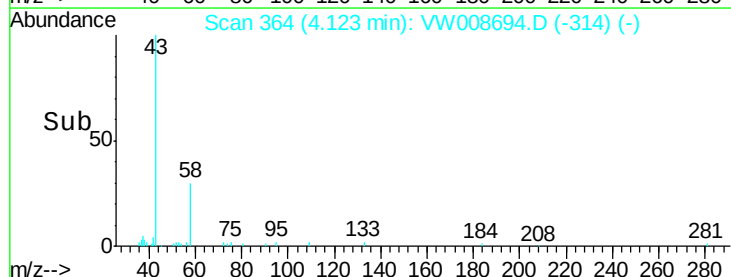
3000

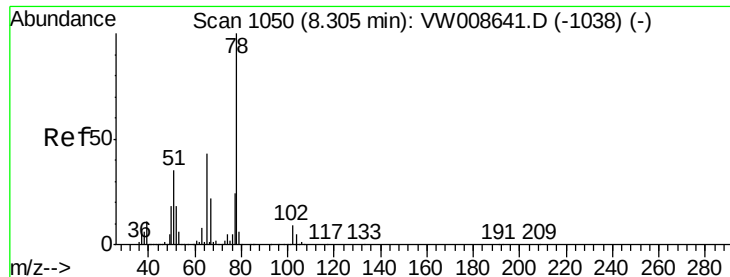
2000

1000

0

Time--> 4.00 4.10 4.20

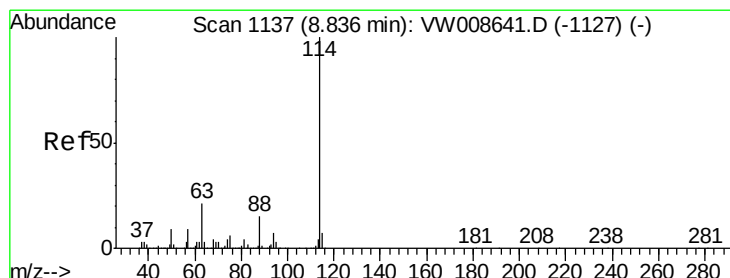
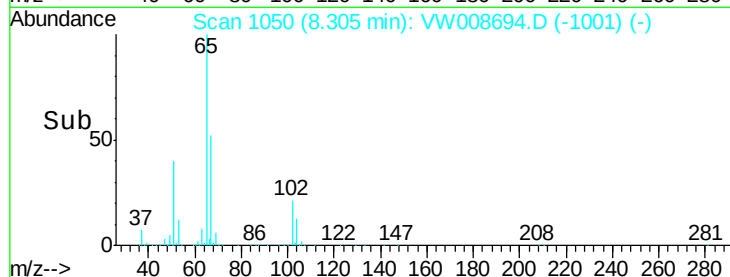
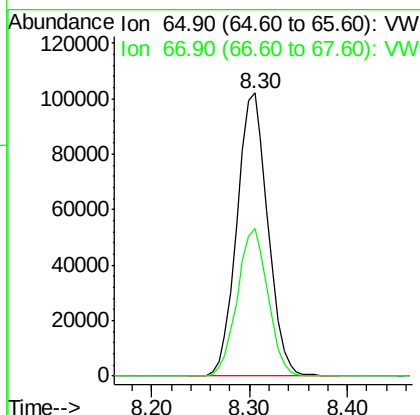
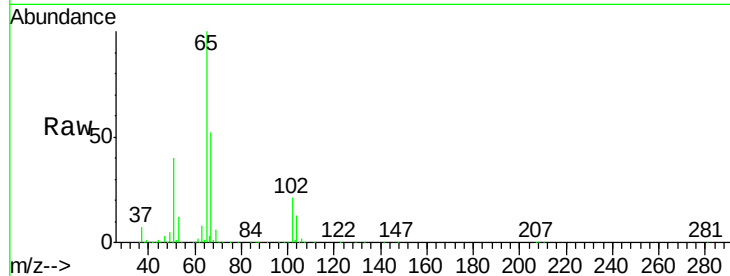




#33  
 1,2-Dichloroethane-d4  
 Concen: 55.403 ug/l  
 RT: 8.30 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW008694.D  
 Acq: 15 Feb 2019 19:33

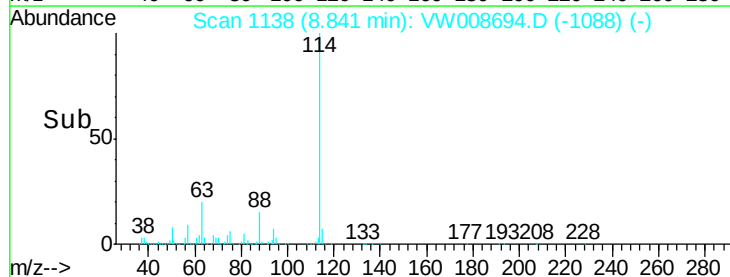
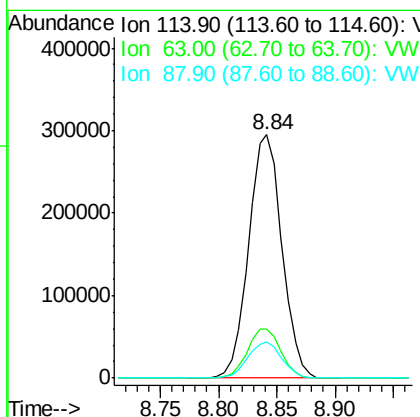
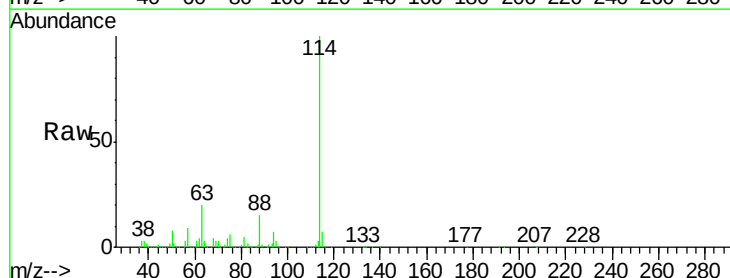
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TS-5

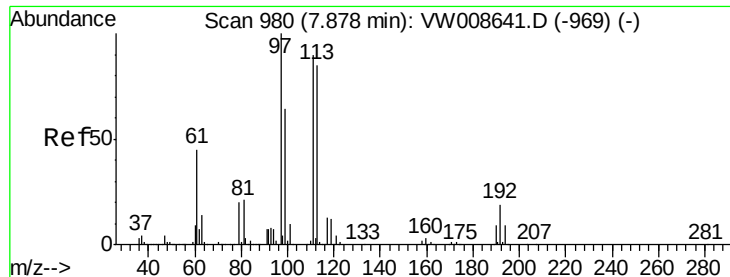
Tot Ion: 65 Resp: 223352  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 102.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.01 min  
 Lab File: VW008694.D  
 Acq: 15 Feb 2019 19:33

Tgt Ion: 114 Resp: 585443  
 Ion Ratio Lower Upper  
 114 100  
 63 20.0 0.0 41.2  
 88 14.8 0.0 29.6

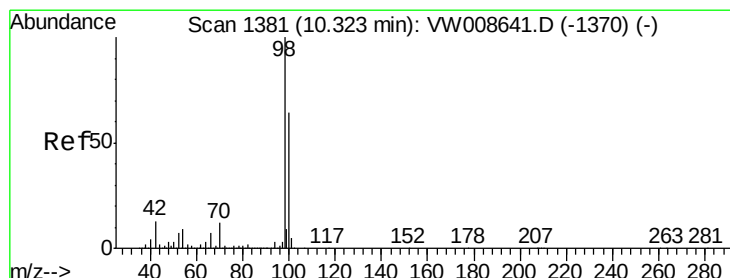
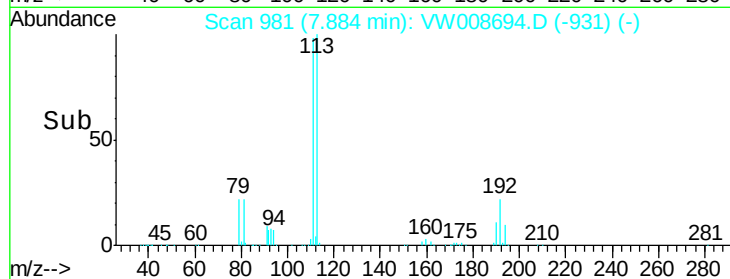
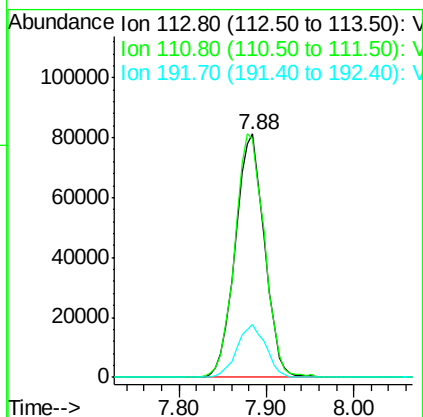
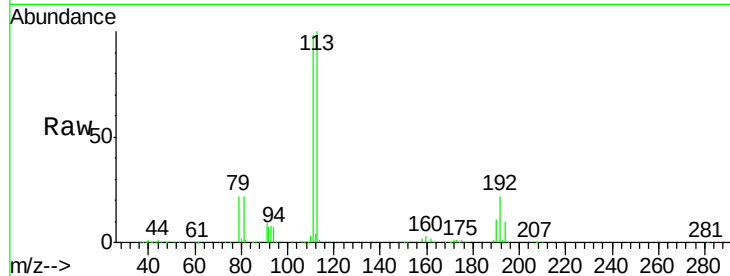




#35  
 Dibromofluoromethane  
 Concen: 51.807 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. 0.01 min  
 Lab File: VW008694.D  
 Acq: 15 Feb 2019 19:33

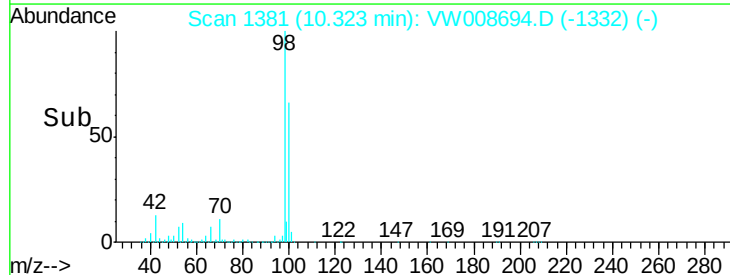
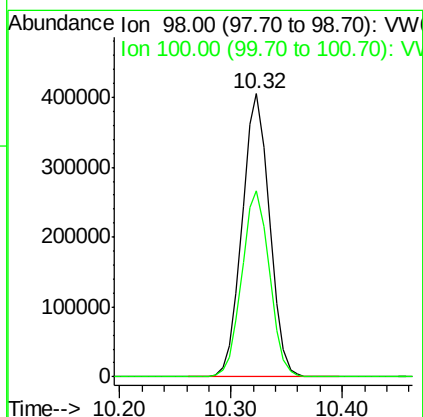
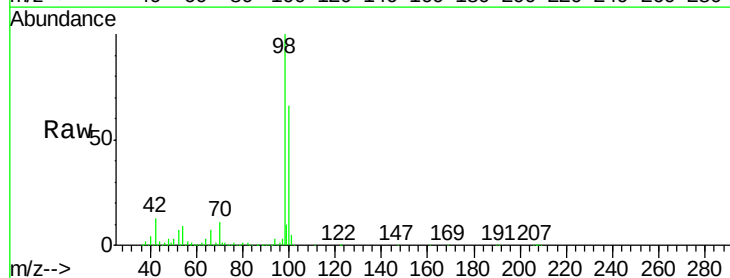
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 TS-5

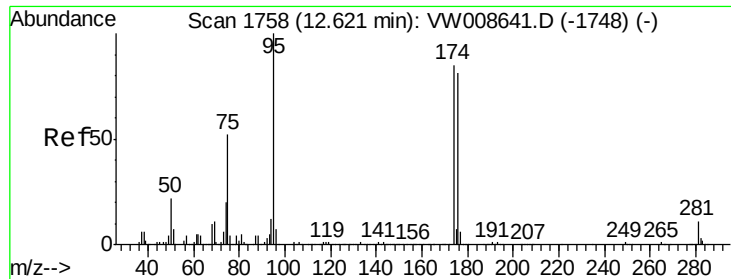
Tot Ion:113 Resp: 188332  
 Ion Ratio Lower Upper  
 113 100  
 111 101.9 84.0 126.0  
 192 21.5 17.4 26.2



#50  
 Toluene-d8  
 Concen: 49.447 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. -0.00 min  
 Lab File: VW008694.D  
 Acq: 15 Feb 2019 19:33

Tgt Ion: 98 Resp: 692918  
 Ion Ratio Lower Upper  
 98 100  
 100 66.3 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 46.886 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008694.D

Acq: 15 Feb 2019 19:33

Instrument :

MSVOA\_W

ClientSampled :

TS-5

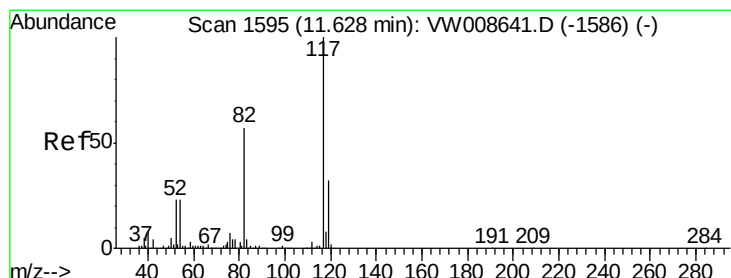
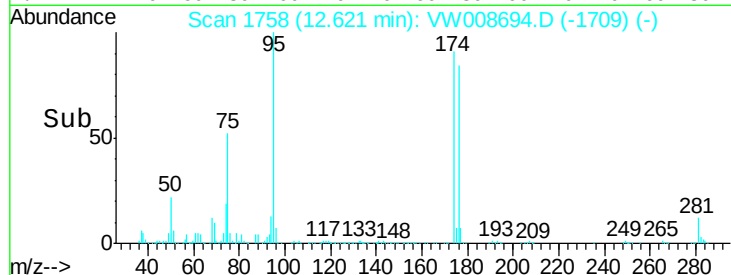
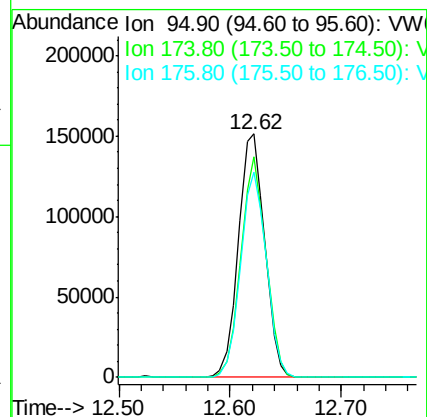
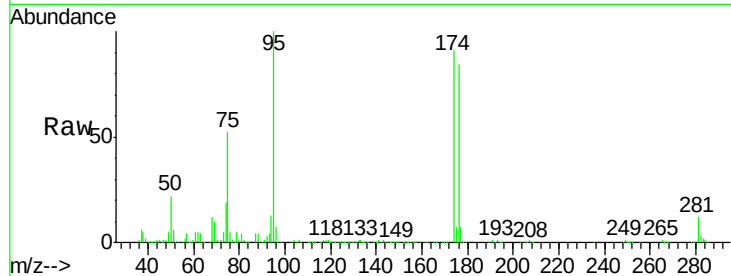
Tot Ion: 95 Resp: 247480

Ion Ratio Lower Upper

95 100

174 86.3 0.0 163.2

176 82.6 0.0 158.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW008694.D

Acq: 15 Feb 2019 19:33

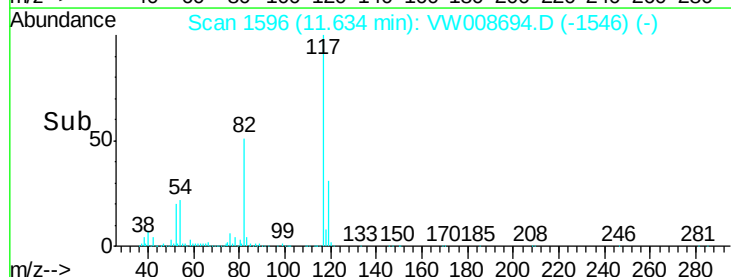
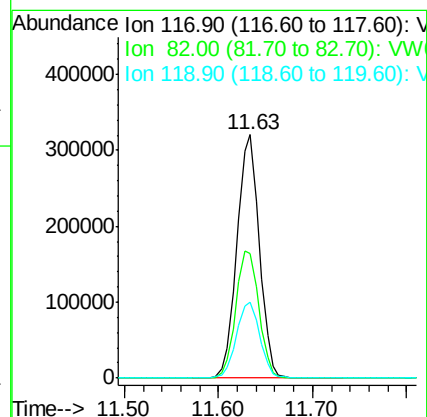
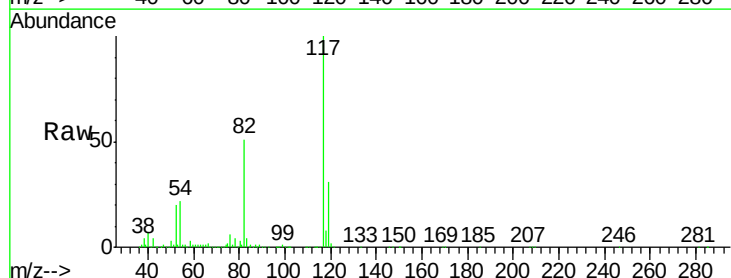
Tgt Ion: 117 Resp: 527622

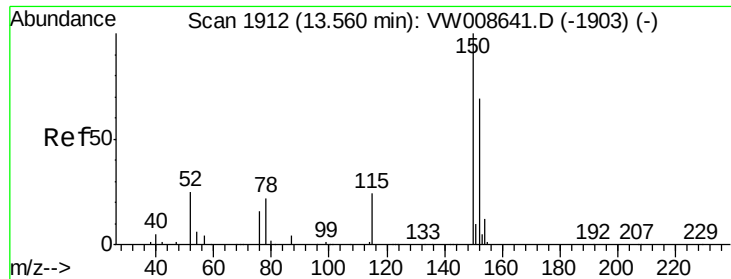
Ion Ratio Lower Upper

117 100

82 51.1 45.6 68.4

119 31.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008694.D

Acq: 15 Feb 2019 19:33

Instrument :

MSVOA\_W

ClientSampleId :

TS-5

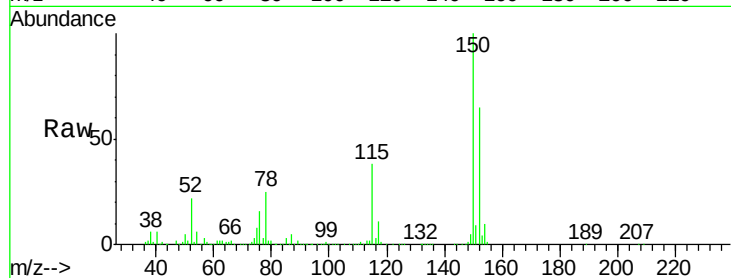
Tot Ion:152 Resp: 257922

Ion Ratio Lower Upper

152 100

115 57.9 29.3 87.8

150 158.3 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

