

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030719\  
 Data File : VW009046.D  
 Acq On : 07 Mar 2019 18:10  
 Operator : SY/VA  
 Sample : K1760-07RE  
 Misc : 5.16G/5ML/MSVOA W/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 Z2-9

Quant Time: Mar 08 06:25:41 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W030719S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 08 05:22:30 2019  
 Response via : Initial Calibration

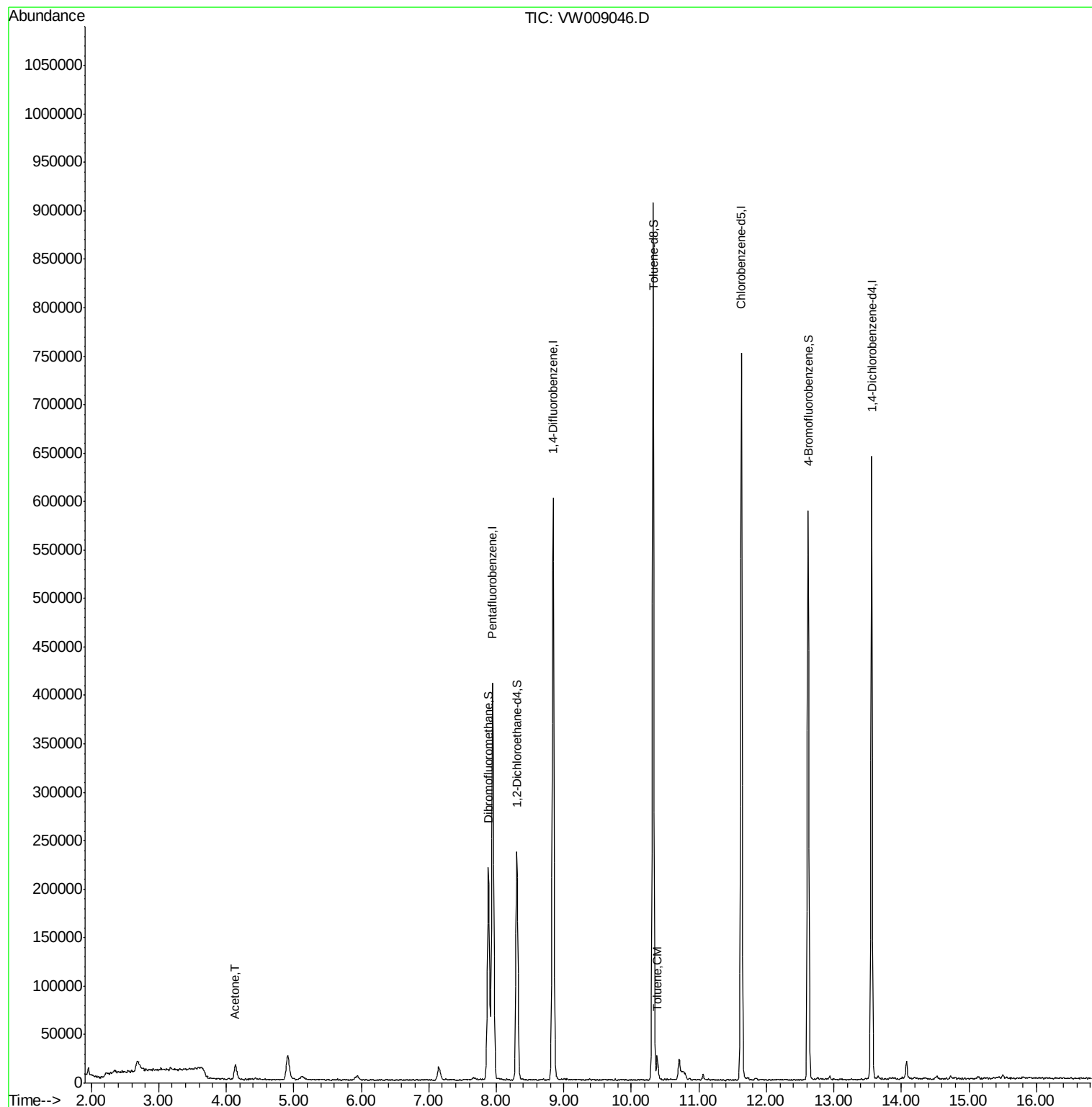
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 303759   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 478778   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 401621   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 160528   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 176959   | 57.90  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 115.80% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 145905   | 50.61  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.22% |          |
| 50) Toluene-d8              | 10.32 | 98   | 569117   | 48.07  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 96.14%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 170732   | 36.63  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 73.26%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 4.13  | 43   | 28347    | 41.104 | ug/l    | 96       |
| 52) Toluene                 | 10.39 | 92   | 9538     | 1.052  | ug/l    | 95       |

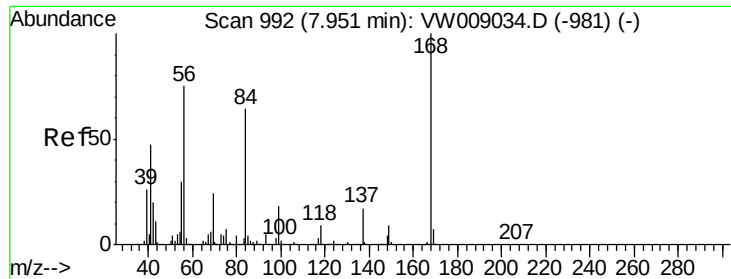
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030719\  
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Instrument :  
MSVOA\_W  
ClientSampleId :  
Z2-9

Quant Time: Mar 08 06:25:41 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W030719S.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 08 05:22:30 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: VW009046.D

Acq: 07 Mar 2019 18:10

Instrument :

MSVOA\_W

ClientSampleId :

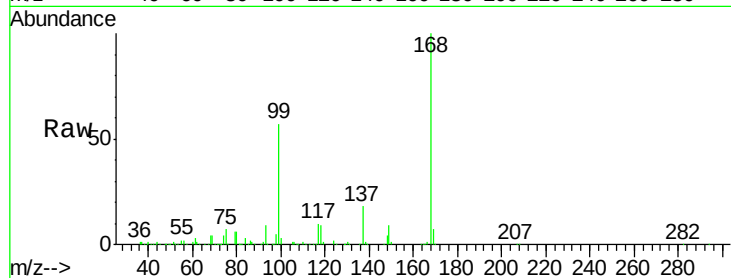
Z2-9

Tot Ion:168 Resp: 303759

Ion Ratio Lower Upper

168 100

99 57.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

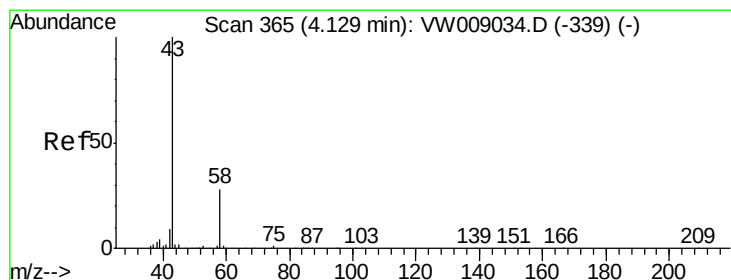
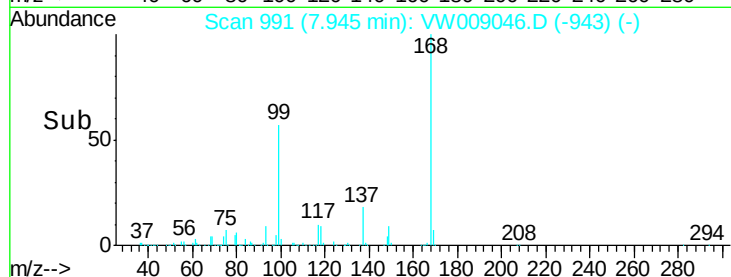
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 41.104 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW009046.D

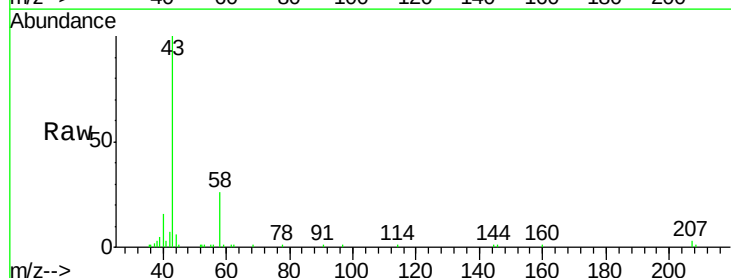
Acq: 07 Mar 2019 18:10

Tgt Ion: 43 Resp: 28347

Ion Ratio Lower Upper

43 100

58 26.1 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

10000

8000

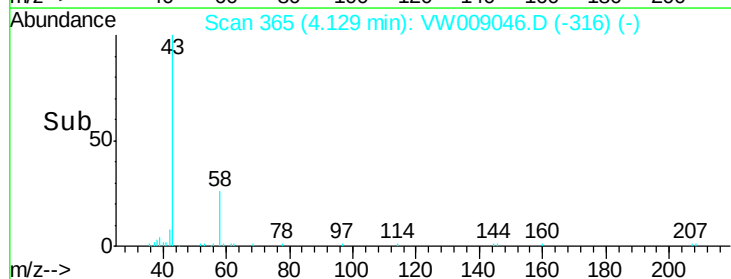
6000

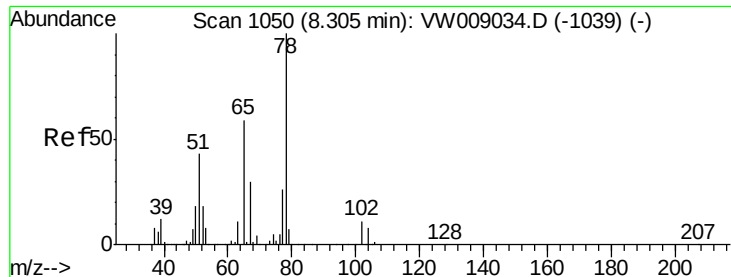
4000

2000

0

Time-->

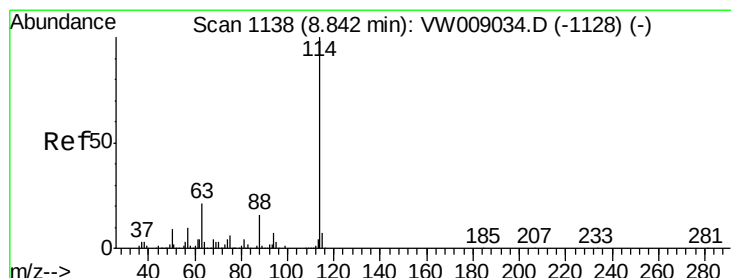
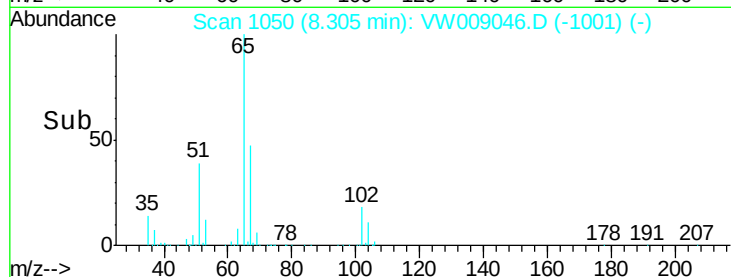
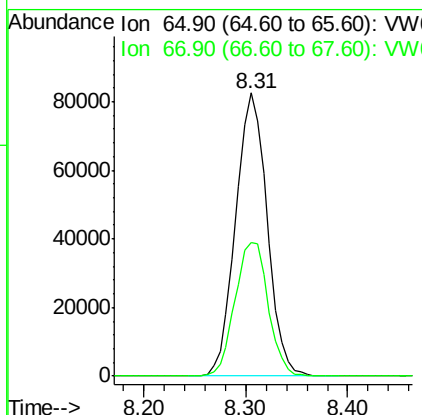
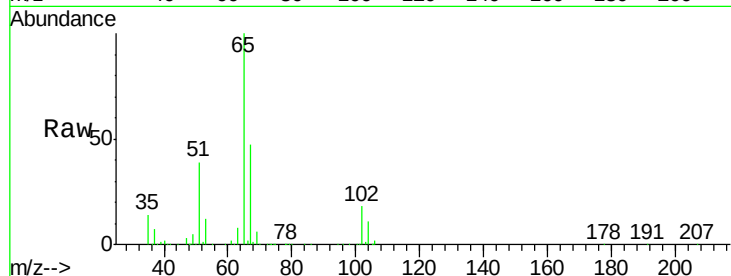




#33  
 1,2-Dichloroethane-d4  
 Concen: 57.903 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW009046.D  
 Acq: 07 Mar 2019 18:10

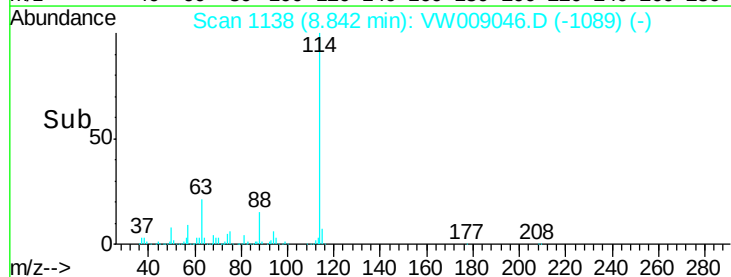
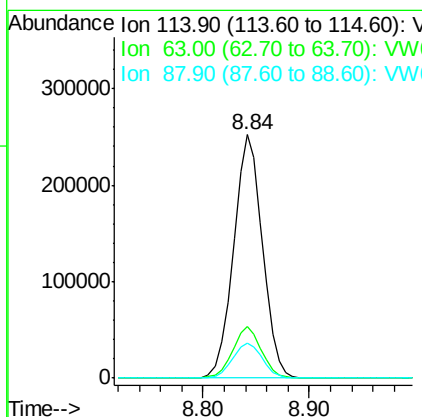
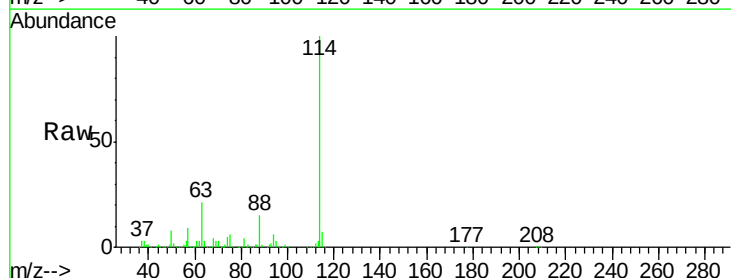
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 Z2-9

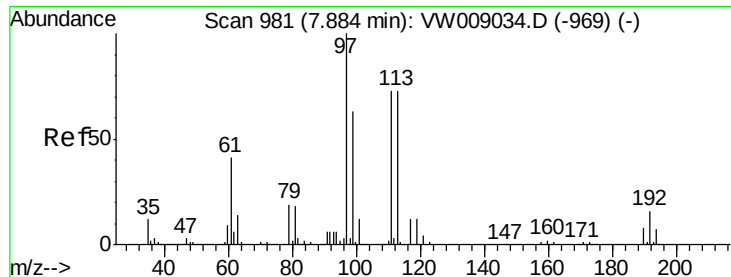
Tot Ion: 65 Resp: 176959  
 Ion Ratio Lower Upper  
 65 100  
 67 49.8 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VW009046.D  
 Acq: 07 Mar 2019 18:10

Tgt Ion: 114 Resp: 478778  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 0.0 41.2  
 88 14.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.615 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009046.D

Acq: 07 Mar 2019 18:10

Instrument :  
MSVOA\_W  
ClientSampled :  
Z2-9

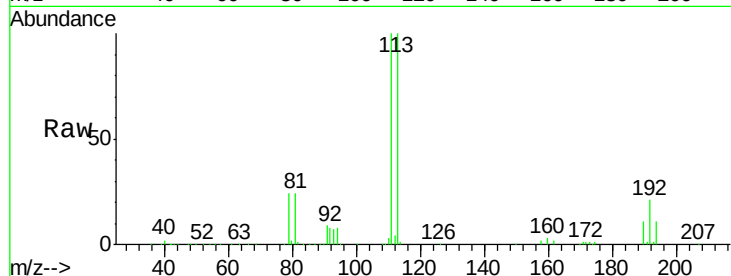
Tot Ion:113 Resp: 145905

Ion Ratio Lower Upper

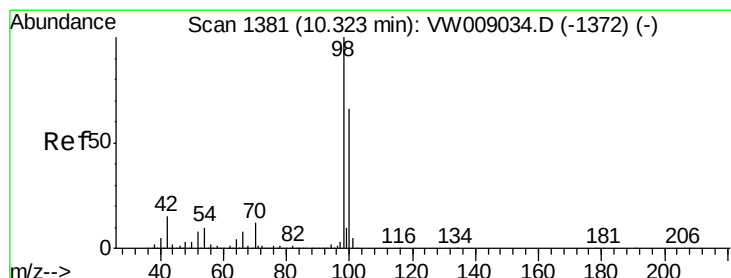
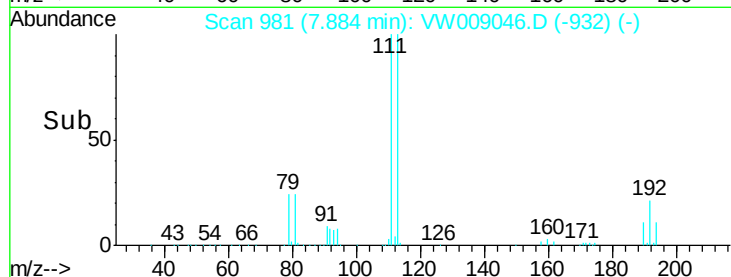
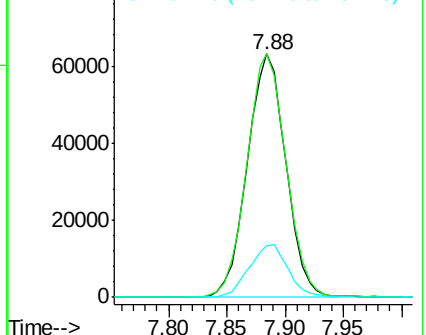
113 100

111 102.2 81.0 121.4

192 21.9 17.1 25.7



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: 48.069 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009046.D

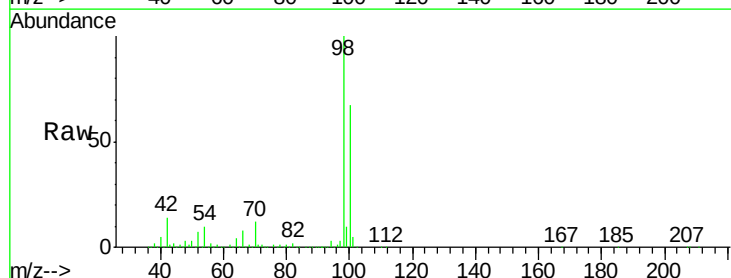
Acq: 07 Mar 2019 18:10

Tgt Ion: 98 Resp: 569117

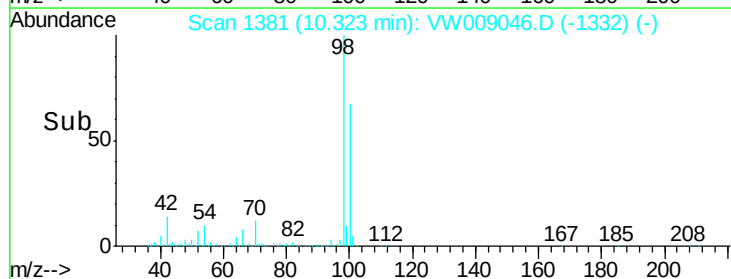
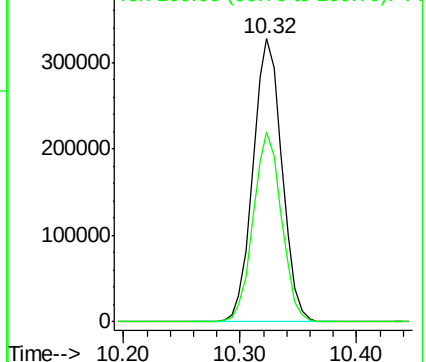
Ion Ratio Lower Upper

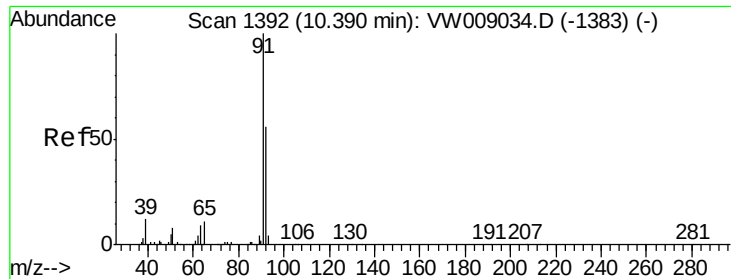
98 100

100 65.5 51.9 77.9



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





#52

Toluene

Concen: 1.052 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW009046.D

Acq: 07 Mar 2019 18:10

Instrument :

MSVOA\_W

ClientSampled :

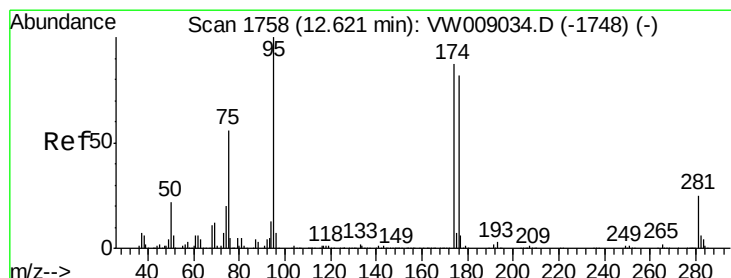
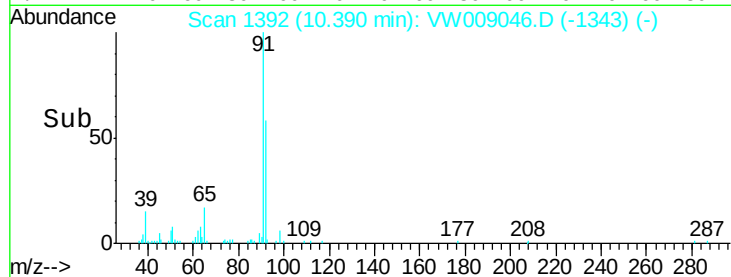
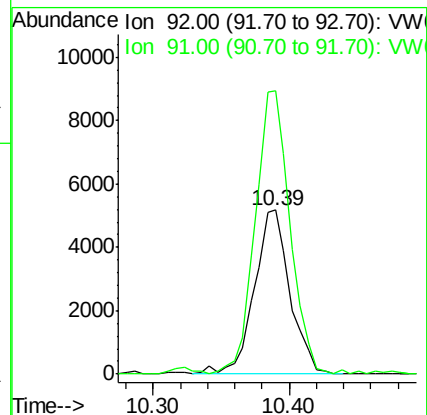
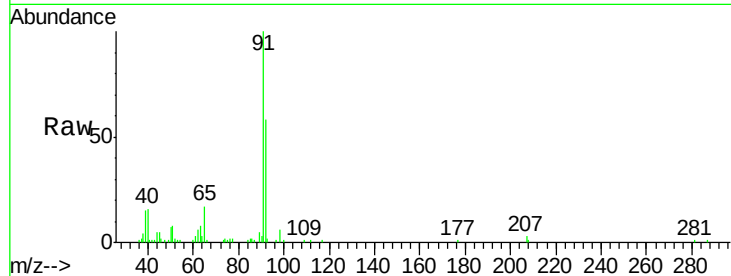
Z2-9

Tot Ion: 92 Resp: 9538

Ion Ratio Lower Upper

92 100

91 167.9 139.9 209.9



#62

4-Bromofluorobenzene

Concen: 36.632 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009046.D

Acq: 07 Mar 2019 18:10

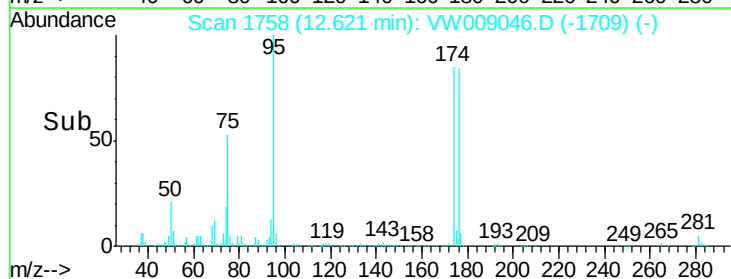
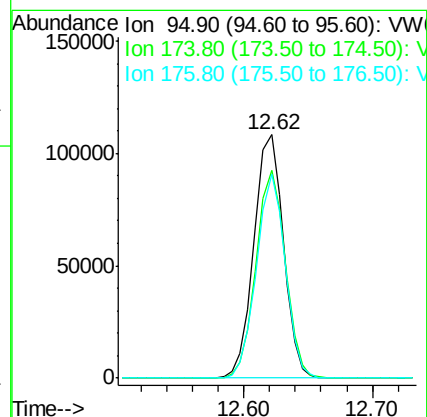
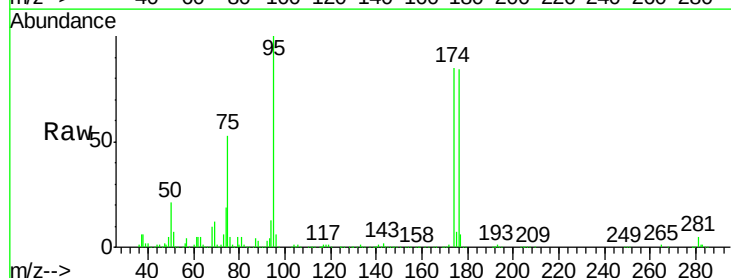
Tgt Ion: 95 Resp: 170732

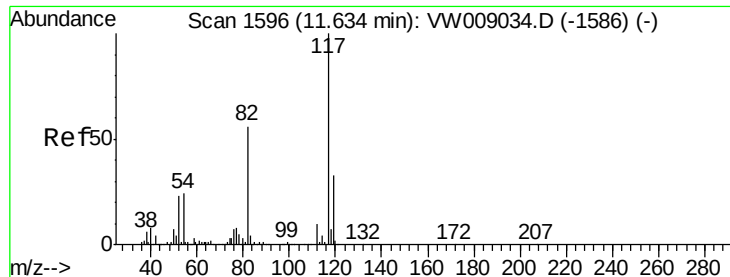
Ion Ratio Lower Upper

95 100

174 85.1 0.0 167.0

176 81.8 0.0 159.4

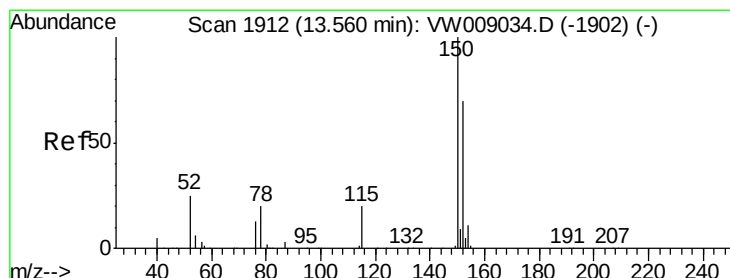
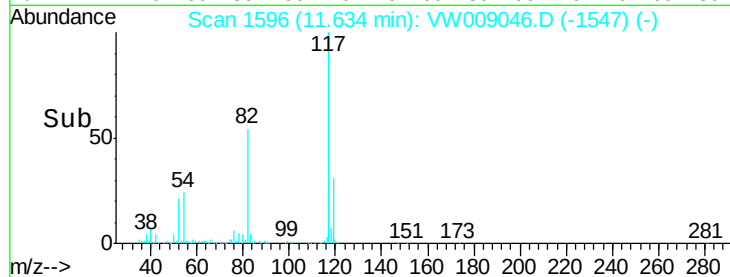
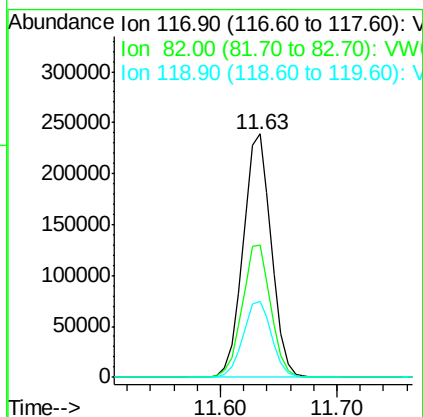
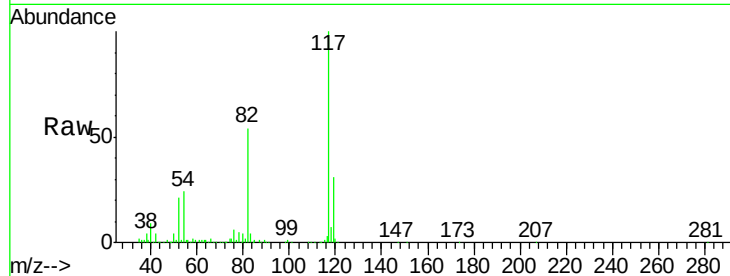




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW009046.D  
Acq: 07 Mar 2019 18:10

Instrument :  
MSVOA\_W  
ClientSampleId :  
Z2-9

Tot Ion:117 Resp: 401621  
Ion Ratio Lower Upper  
117 100  
82 54.5 45.0 67.6  
119 31.4 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. 0.00 min  
Lab File: VW009046.D  
Acq: 07 Mar 2019 18:10

Tgt Ion:152 Resp: 160528  
Ion Ratio Lower Upper  
152 100  
115 57.2 28.9 86.7  
150 153.9 0.0 349.2

