

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021819\  
 Data File : VW008727.D  
 Acq On : 18 Feb 2019 14:38  
 Operator : SY/VA  
 Sample : K1515-02  
 Misc : 6.47G/5ML/MSVOA W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TS-2

Quant Time: Feb 19 03:50:05 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

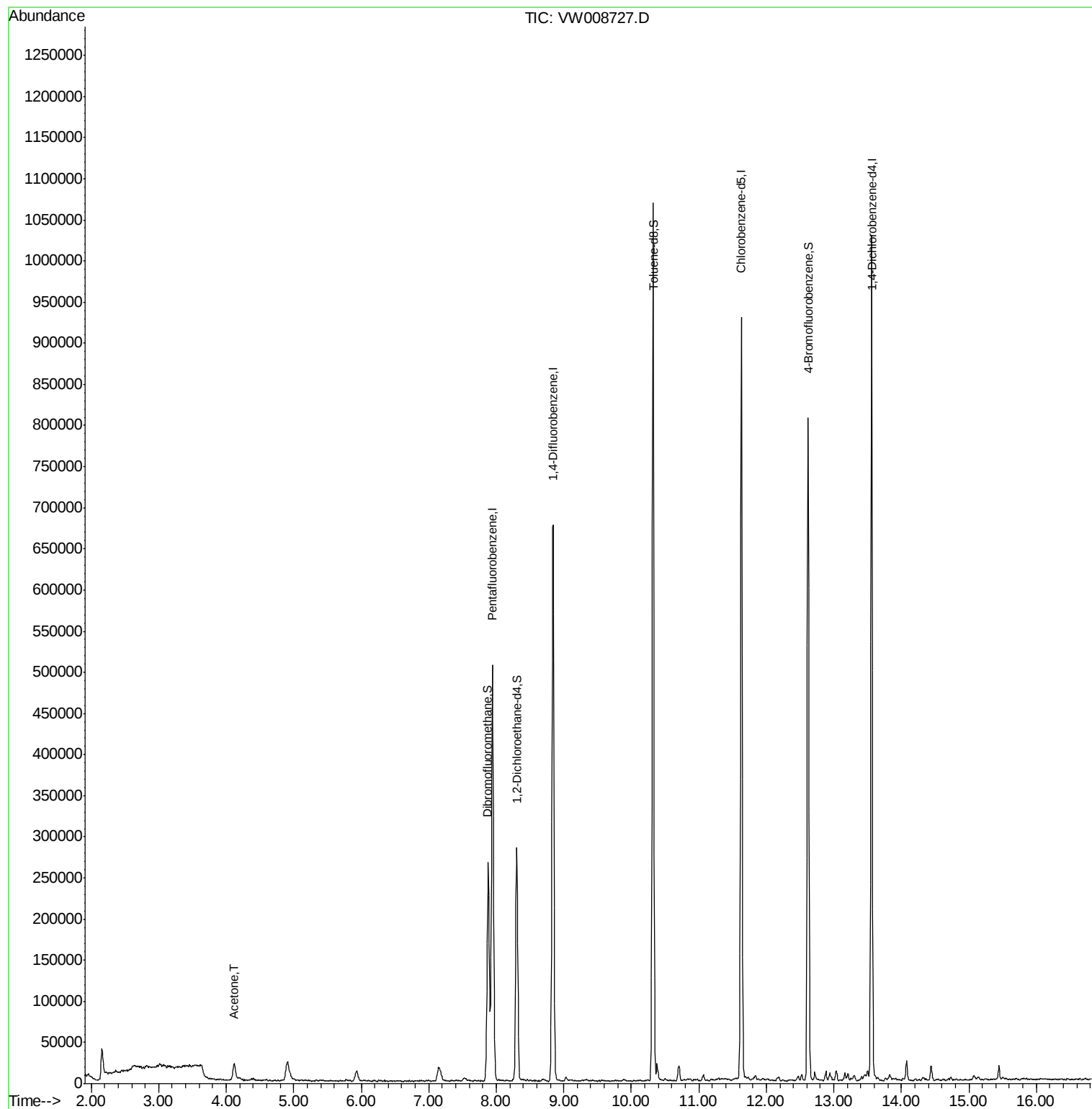
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|---------|-----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 380172   | 50.00  | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 569889   | 50.00  | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 510842   | 50.00  | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 255200   | 50.00  | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |        |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 211105   | 53.41  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 106.82% |           |
| 35) Dibromofluoromethane    | 7.88  | 113  | 182879   | 51.68  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.36% |           |
| 50) Toluene-d8              | 10.32 | 98   | 684087   | 50.15  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.30% |           |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 240360   | 46.78  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.56%  |           |
| Target Compounds            |       |      |          |        |         |           |
| 16) Acetone                 | 4.12  | 43   | 36552    | 40.641 | ug/l    | Qvalue 92 |

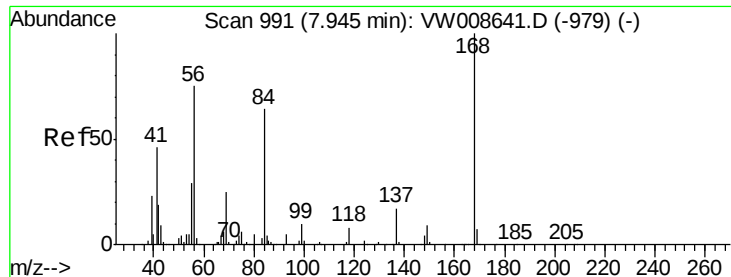
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021819\  
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Quant Time: Feb 19 03:50:05 2019  
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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: VW008727.D

Acq: 18 Feb 2019 14:38

Instrument :

MSVOA\_W

ClientSampled :

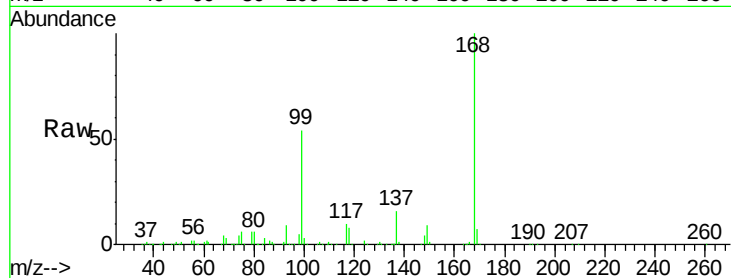
TS-2

Tot Ion:168 Resp: 380172

Ion Ratio Lower Upper

168 100

99 54.2 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

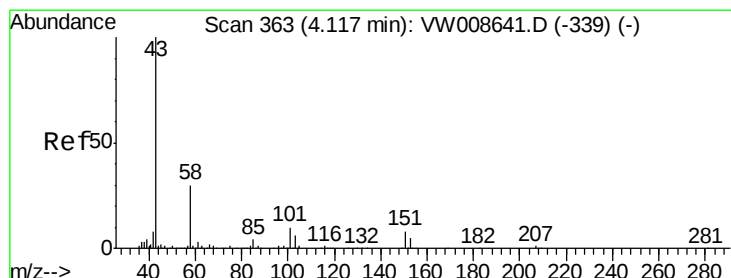
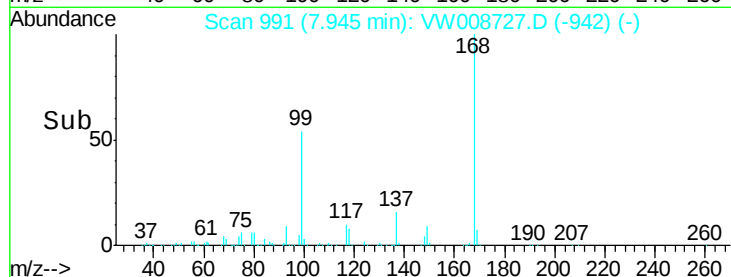
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 40.641 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008727.D

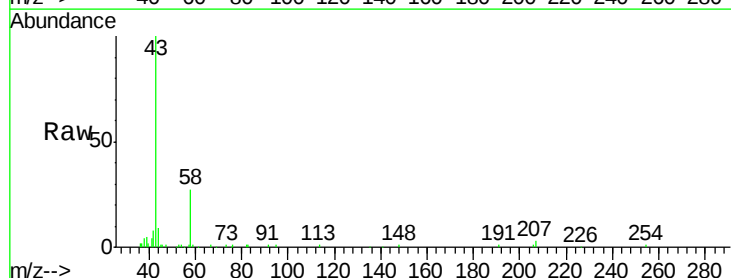
Acq: 18 Feb 2019 14:38

Tgt Ion: 43 Resp: 36552

Ion Ratio Lower Upper

43 100

58 25.9 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

15000

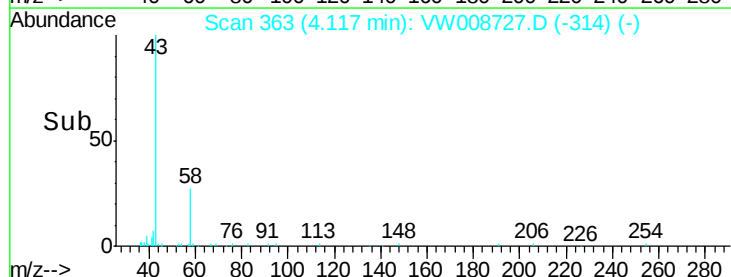
10000

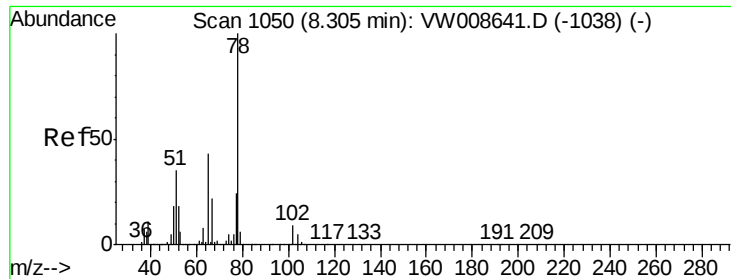
5000

0

4.00 4.10 4.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.412 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008727.D

Acq: 18 Feb 2019 14:38

Instrument :

MSVOA\_W

ClientSampled :

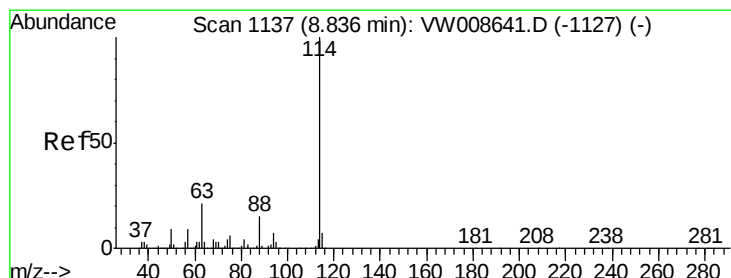
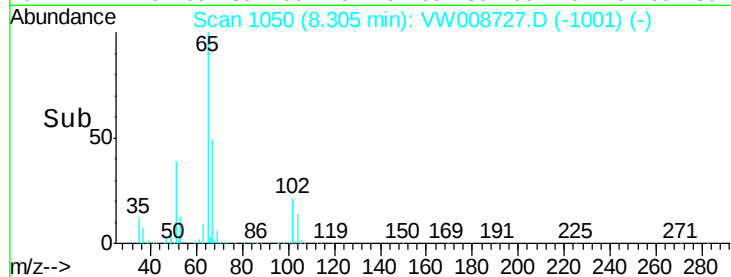
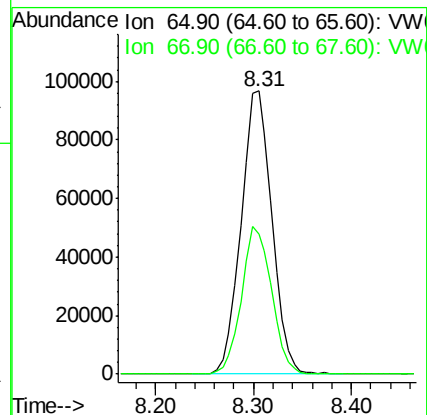
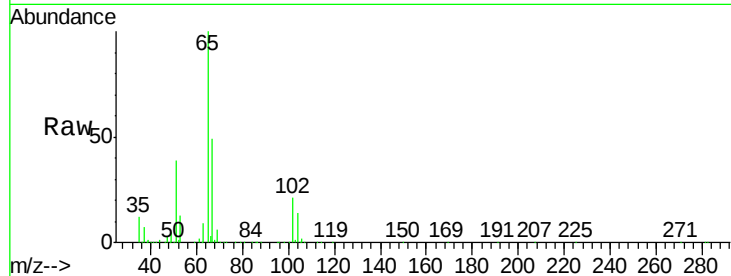
TS-2

Tot Ion: 65 Resp: 211105

Ion Ratio Lower Upper

65 100

67 51.1 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: VW008727.D

Acq: 18 Feb 2019 14:38

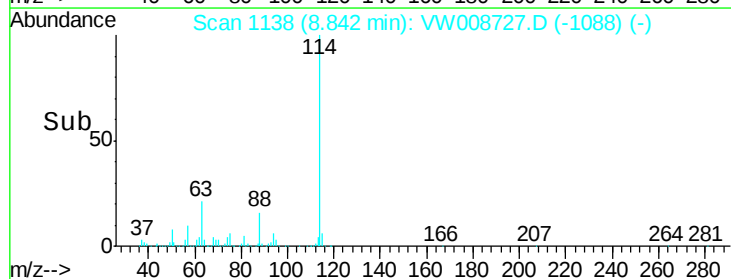
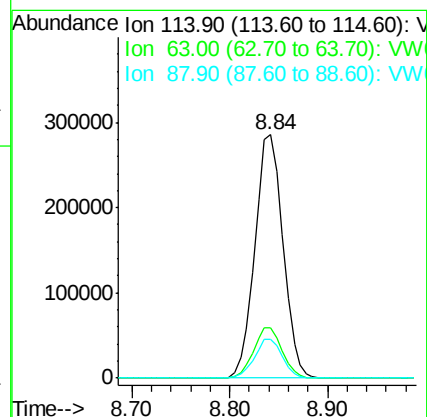
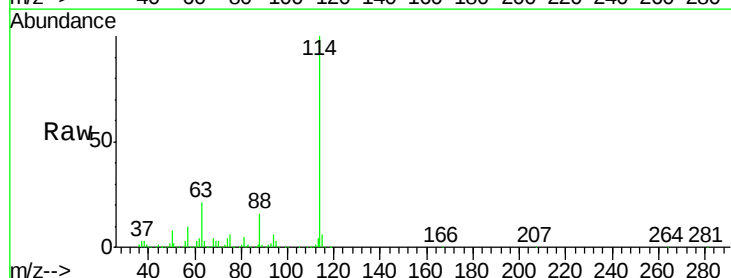
Tgt Ion: 114 Resp: 569889

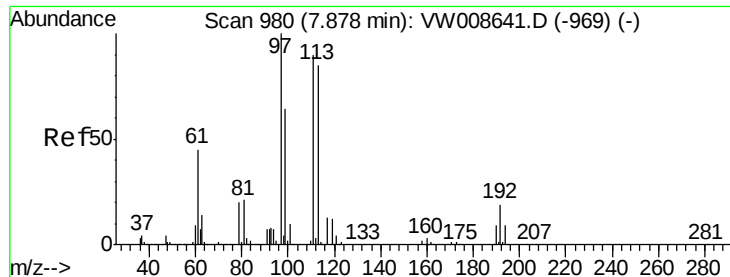
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.2

88 15.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 51.680 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW008727.D

Acq: 18 Feb 2019 14:38

Instrument :

MSVOA\_W

ClientSampled :

TS-2

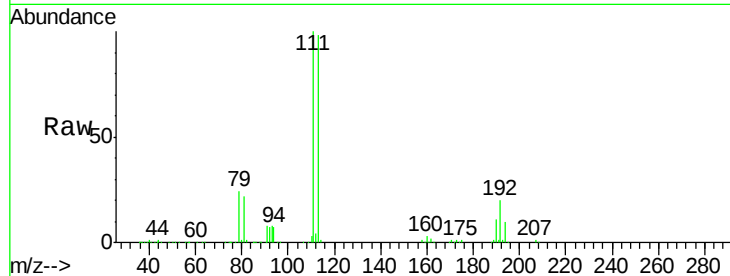
Tot Ion:113 Resp: 182879

Ion Ratio Lower Upper

113 100

111 101.9 84.0 126.0

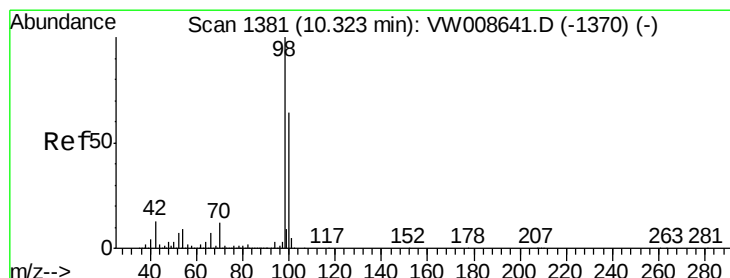
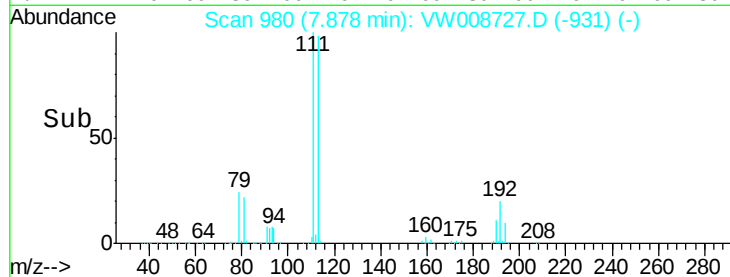
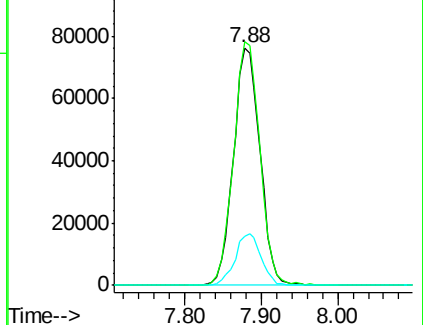
192 21.3 17.4 26.2



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: 50.149 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008727.D

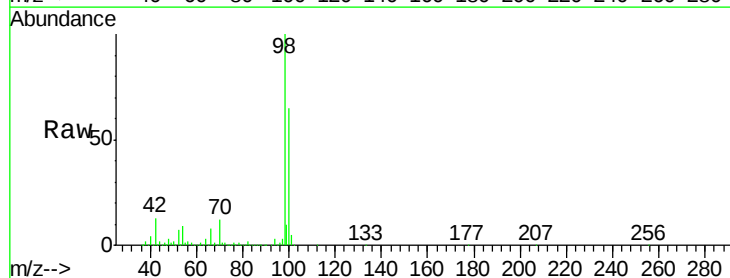
Acq: 18 Feb 2019 14:38

Tgt Ion: 98 Resp: 684087

Ion Ratio Lower Upper

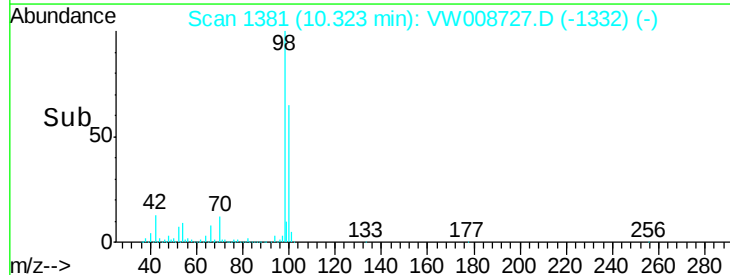
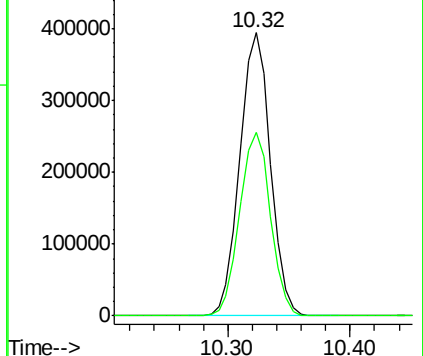
98 100

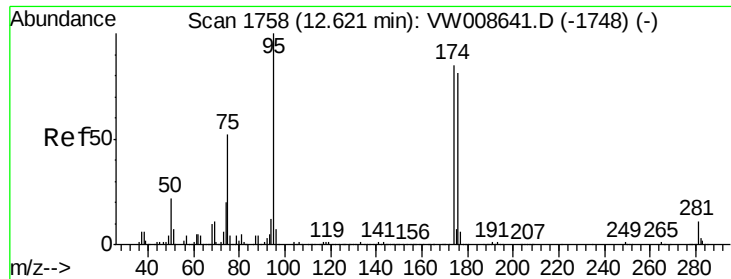
100 65.7 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.780 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008727.D

Acq: 18 Feb 2019 14:38

Instrument :

MSVOA\_W

ClientSampleId :

TS-2

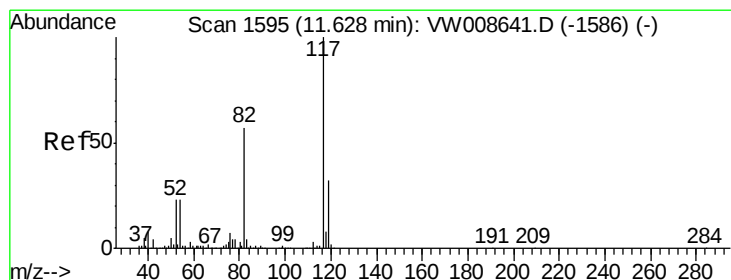
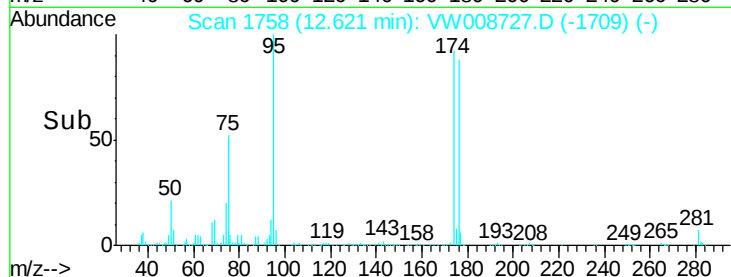
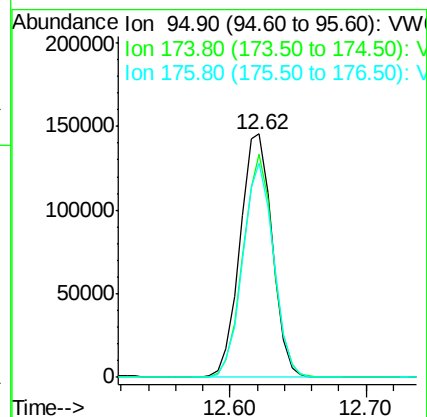
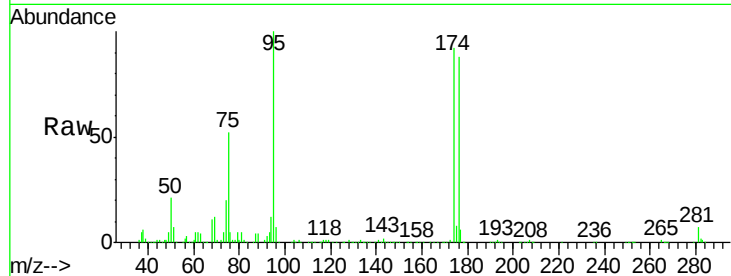
Tot Ion: 95 Resp: 240360

Ion Ratio Lower Upper

95 100

174 86.6 0.0 163.2

176 84.5 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: VW008727.D

Acq: 18 Feb 2019 14:38

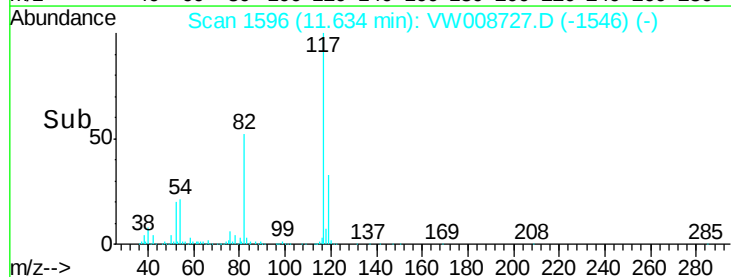
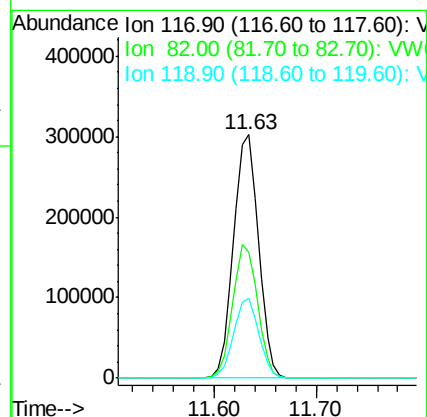
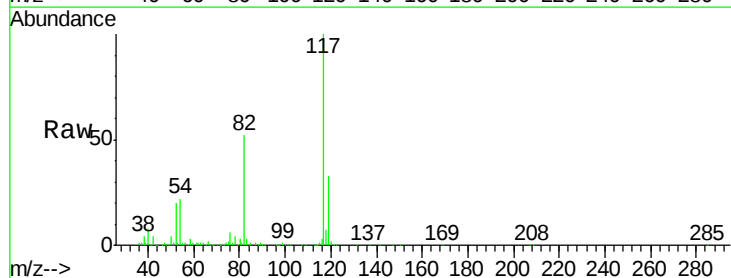
Tgt Ion: 117 Resp: 510842

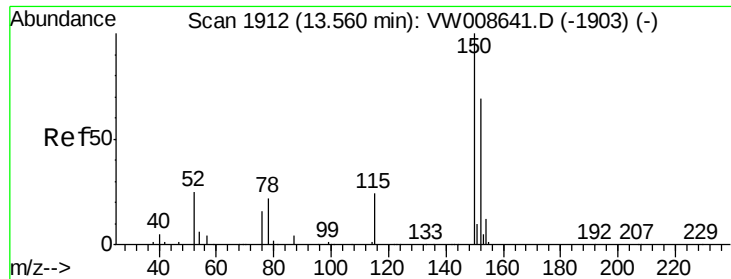
Ion Ratio Lower Upper

117 100

82 51.9 45.6 68.4

119 32.8 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: VW008727.D

Acq: 18 Feb 2019 14:38

Instrument :

MSVOA\_W

ClientSampleId :

TS-2

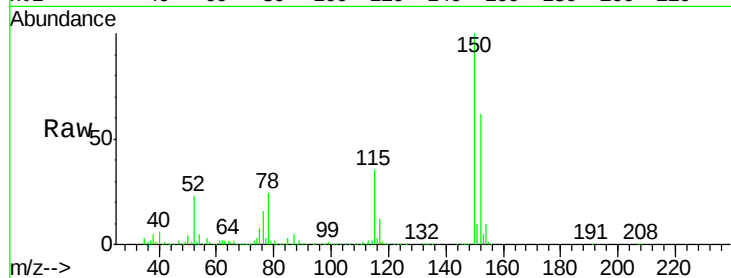
Tot Ion:152 Resp: 255200

Ion Ratio Lower Upper

152 100

115 56.8 29.3 87.8

150 159.2 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

