

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW062420\  
 Data File : VW015689.D  
 Acq On : 24 Jun 2020 17:58  
 Operator : SY/VA  
 Sample : L3082-17  
 Misc : 5.94G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-18

Quant Time: Jul 02 06:36:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W062320S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 23 13:20:19 2020  
 Response via : Initial Calibration

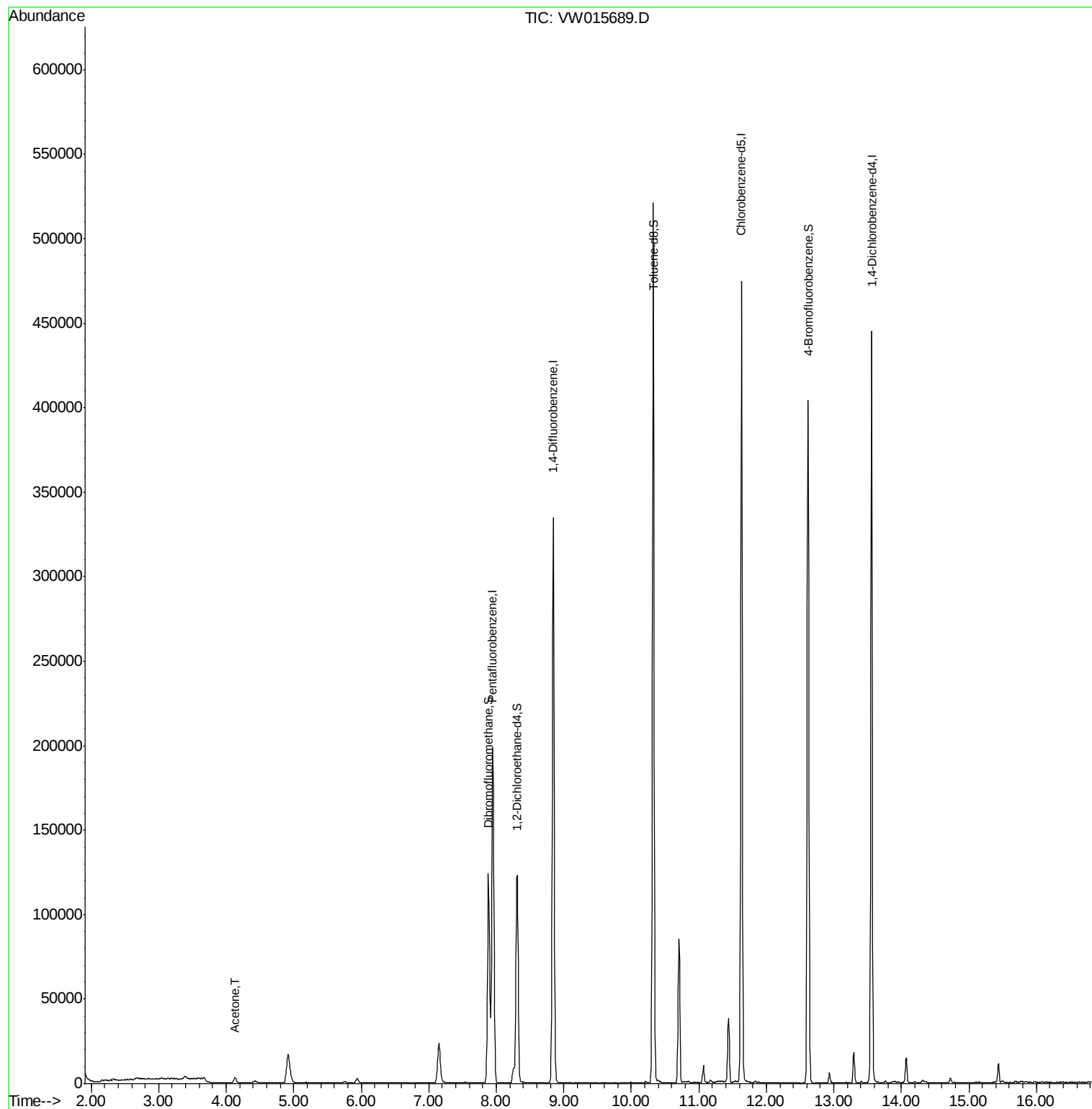
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|---------|-----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 143491   | 50.00  | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 270099   | 50.00  | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 248225   | 50.00  | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 111679   | 50.00  | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |        |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 101316   | 63.46  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 126.92% |           |
| 35) Dibromofluoromethane    | 7.88  | 113  | 87851    | 51.71  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.42% |           |
| 50) Toluene-d8              | 10.32 | 98   | 335373   | 50.16  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.32% |           |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 115796   | 47.03  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.06%  |           |
| Target Compounds            |       |      |          |        |         |           |
| 16) Acetone                 | 4.13  | 43   | 5864     | 19.321 | ug/l    | Qvalue 97 |

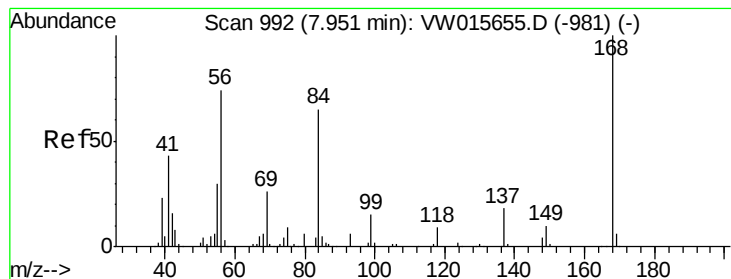
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 23 13:20:19 2020  
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: VW015689.D

Acq: 24 Jun 2020 17:58

Instrument :

MSVOA\_W

ClientSampleId :

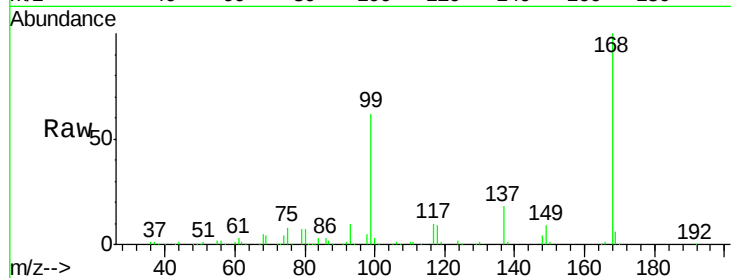
SB-18

Tgt Ion:168 Resp: 143491

Ion Ratio Lower Upper

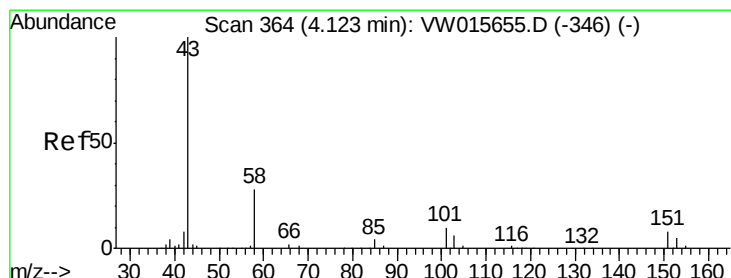
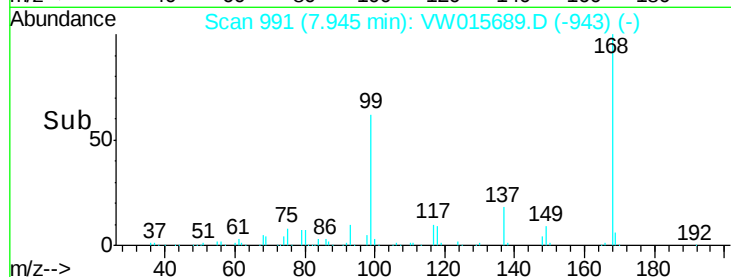
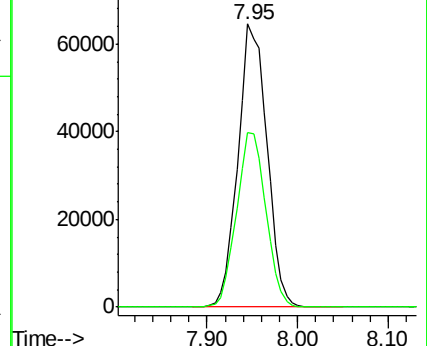
168 100

99 61.9 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 19.321 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015689.D

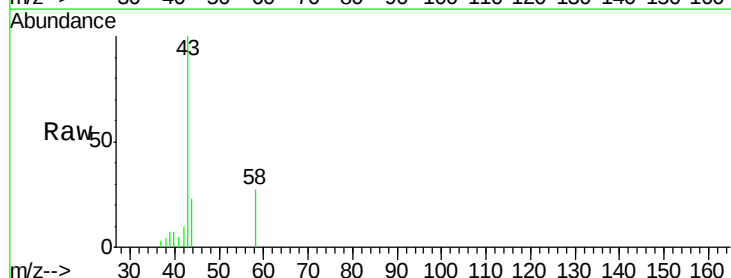
Acq: 24 Jun 2020 17:58

Tgt Ion: 43 Resp: 5864

Ion Ratio Lower Upper

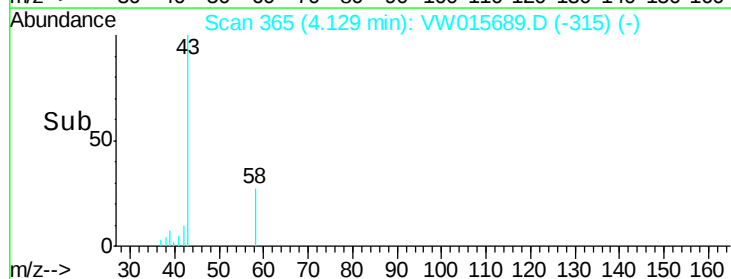
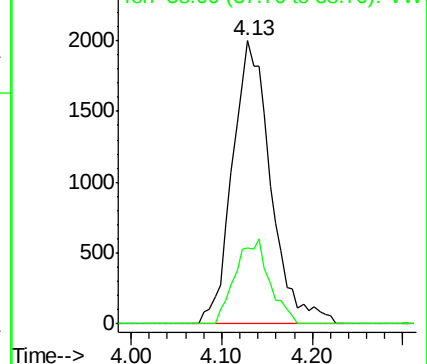
43 100

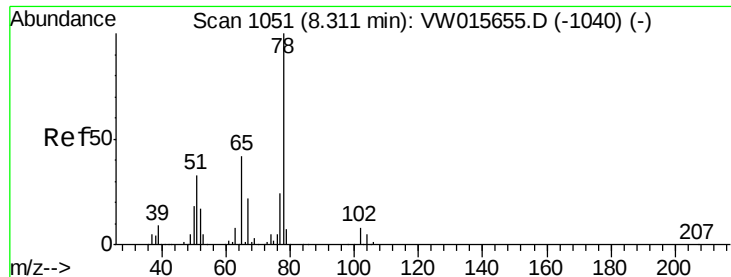
58 26.8 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

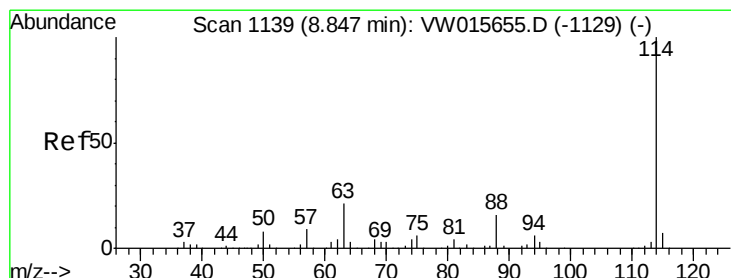
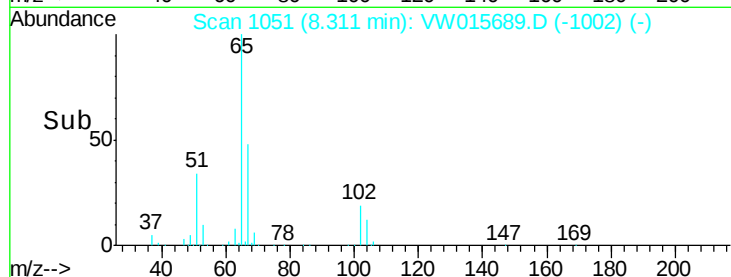
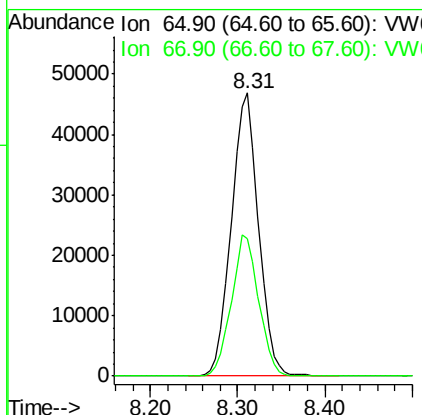
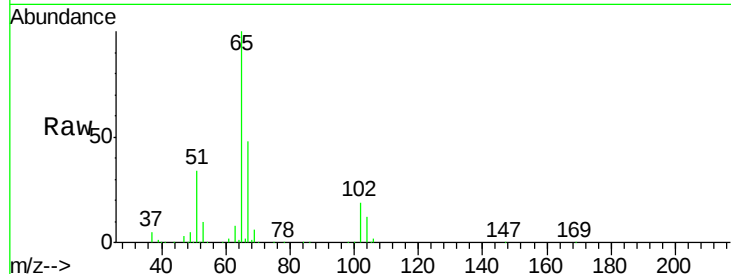




#33  
 1,2-Dichloroethane-d4  
 Concen: 63.460 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: VW015689.D  
 Acq: 24 Jun 2020 17:58

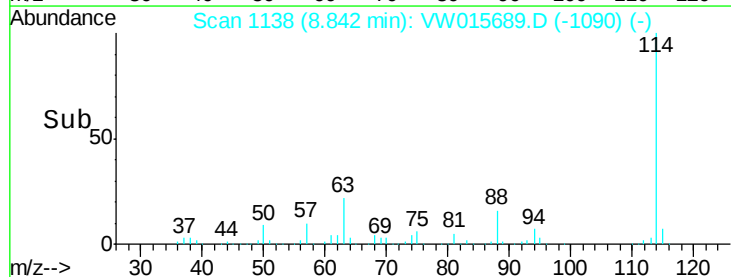
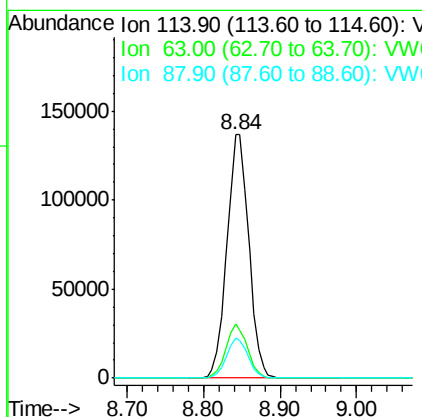
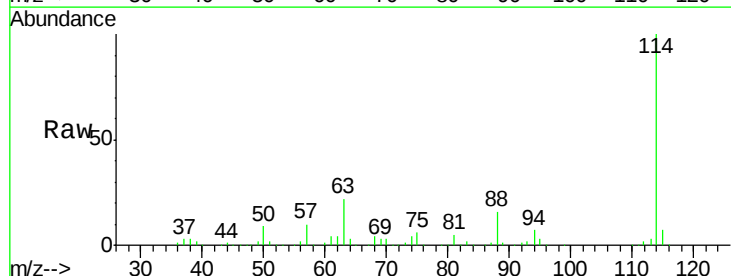
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 SB-18

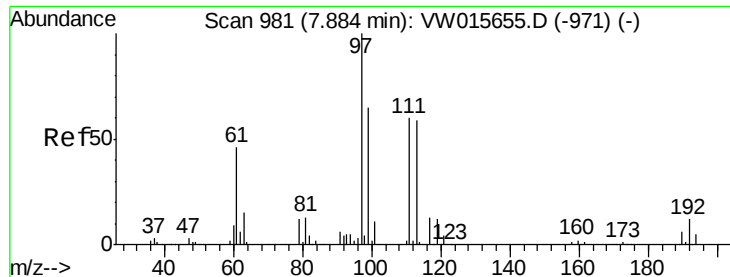
Tgt Ion: 65 Resp: 101316  
 Ion Ratio Lower Upper  
 65 100  
 67 50.1 0.0 102.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.01 min  
 Lab File: VW015689.D  
 Acq: 24 Jun 2020 17:58

Tgt Ion: 114 Resp: 270099  
 Ion Ratio Lower Upper  
 114 100  
 63 22.1 0.0 42.4  
 88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.707 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015689.D

Acq: 24 Jun 2020 17:58

Instrument :

MSVOA\_W

ClientSampleId :

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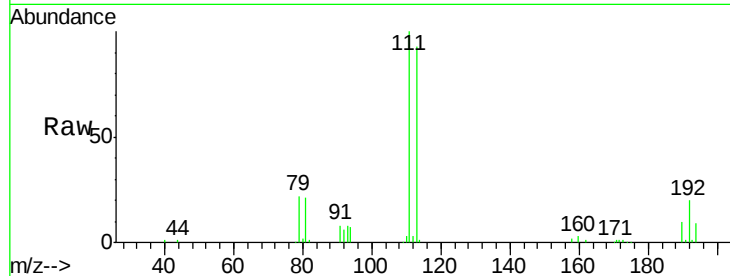
Tgt Ion:113 Resp: 87851

Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

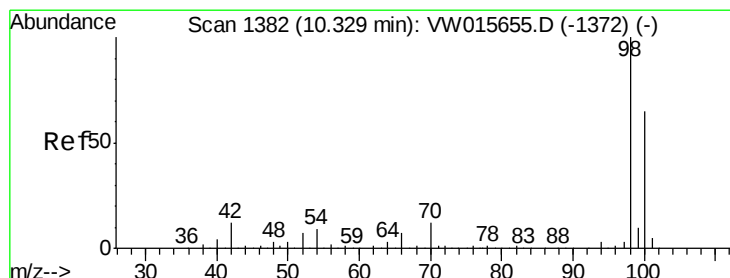
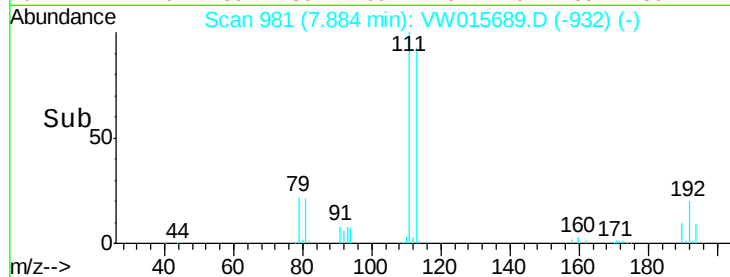
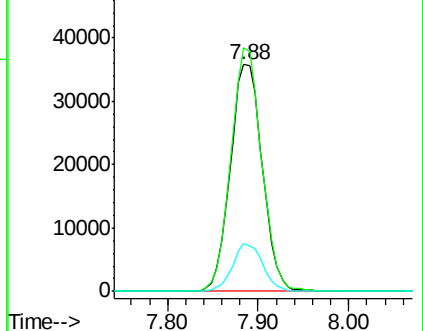
192 19.8 16.4 24.6



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: 50.159 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015689.D

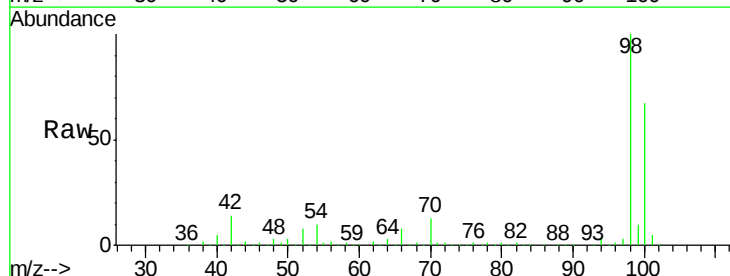
Acq: 24 Jun 2020 17:58

Tgt Ion: 98 Resp: 335373

Ion Ratio Lower Upper

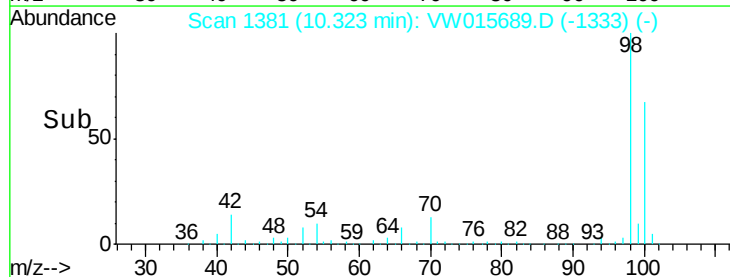
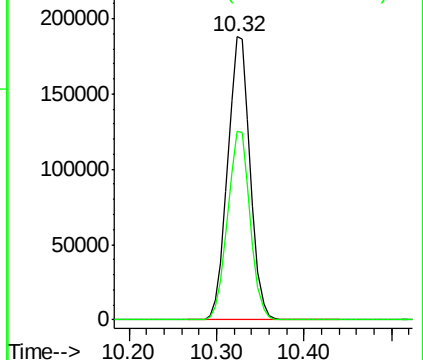
98 100

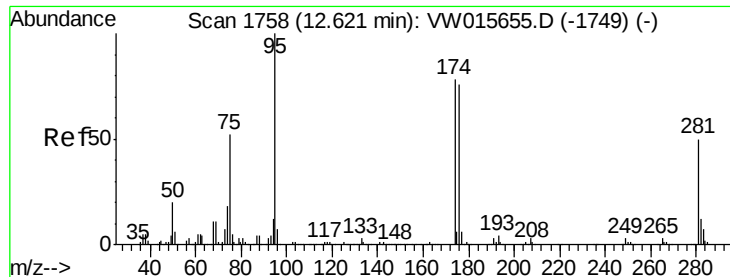
100 66.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 47.026 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015689.D

Acq: 24 Jun 2020 17:58

Instrument :

MSVOA\_W

ClientSampleId :

SB-18

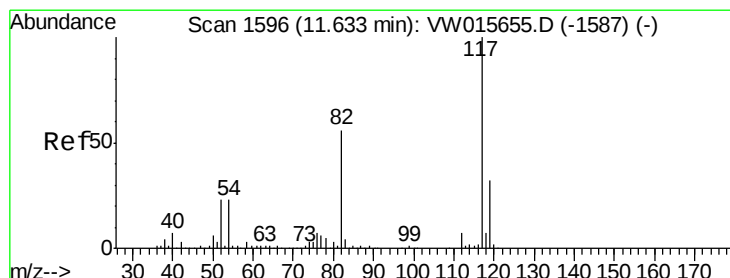
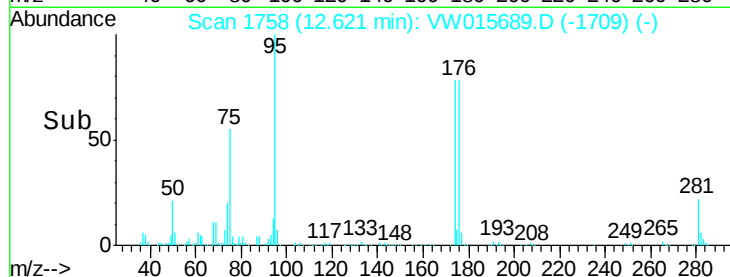
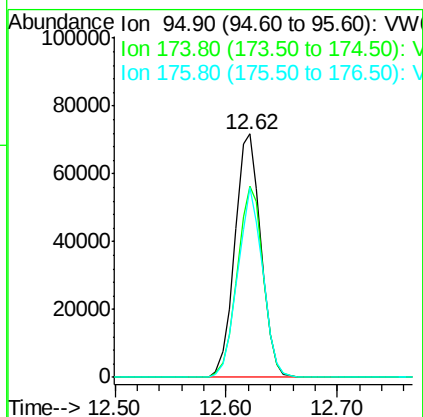
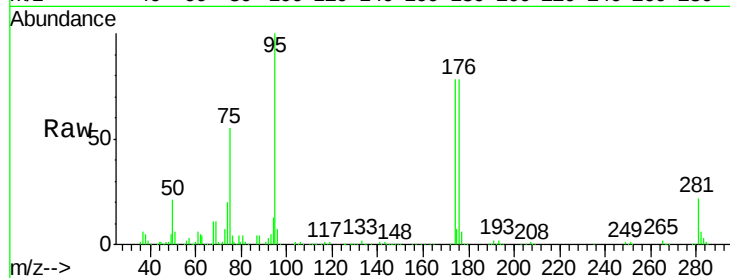
Tgt Ion: 95 Resp: 115796

Ion Ratio Lower Upper

95 100

174 78.4 0.0 157.0

176 75.3 0.0 151.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015689.D

Acq: 24 Jun 2020 17:58

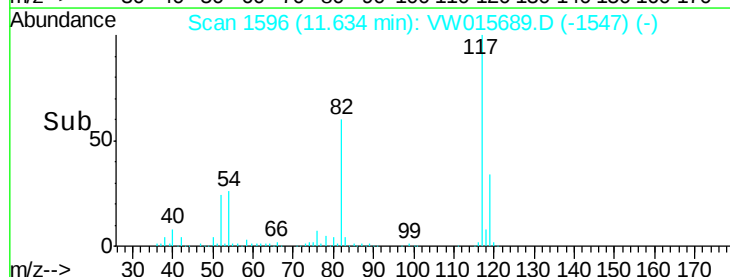
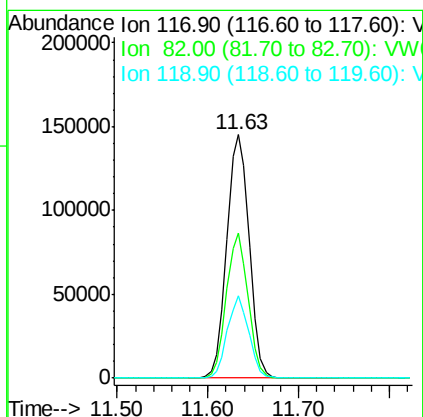
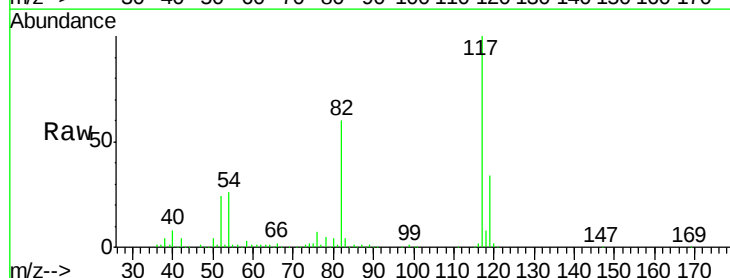
Tgt Ion: 117 Resp: 248225

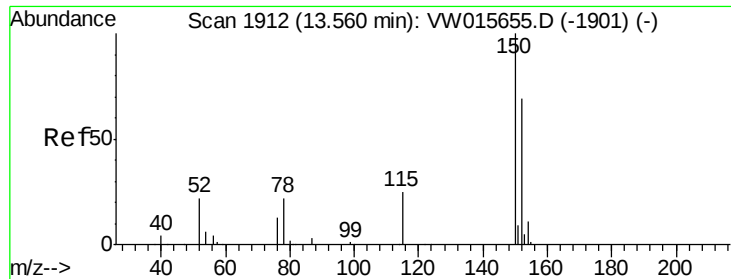
Ion Ratio Lower Upper

117 100

82 59.7 45.1 67.7

119 33.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015689.D

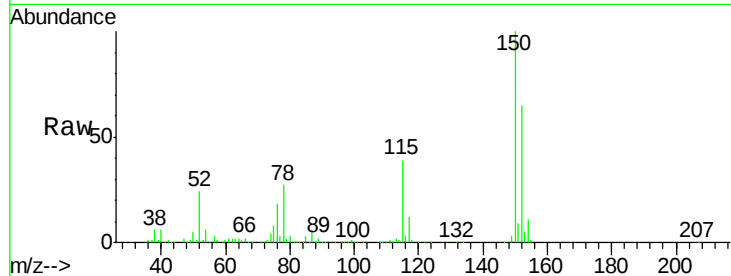
Acq: 24 Jun 2020 17:58

Instrument :

MSVOA\_W

ClientSampleId :

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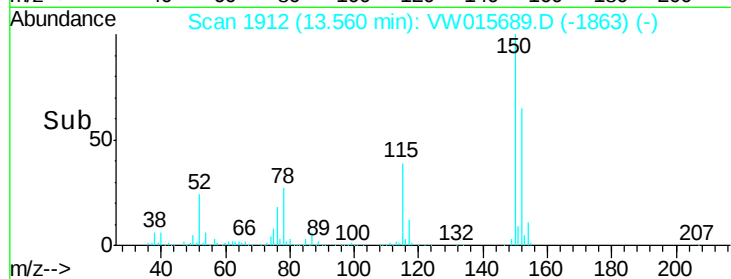
Tgt Ion:152 Resp: 111679

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.5

150 154.5 0.0 345.6



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

