

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\  
 Data File : VW015710.D  
 Acq On : 25 Jun 2020 04:08  
 Operator : SY/VA  
 Sample : L3094-01  
 Misc : 6.02G/5ML/MSVOA W/SOIL  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BRENNAN-FL-001

Quant Time: Jun 25 05:35:14 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  | 179887   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 317646   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 299243   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 125153   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65  | 116423   | 58.17 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 116.34% |      |
| 35) Dibromofluoromethane    | 7.88   | 113 | 100498   | 50.30 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.60% |      |
| 50) Toluene-d8              | 10.32  | 98  | 405192   | 51.53 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.06% |      |
| 62) 4-Bromofluorobenzene    | 12.62  | 95  | 133146   | 45.98 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 91.96%  |      |

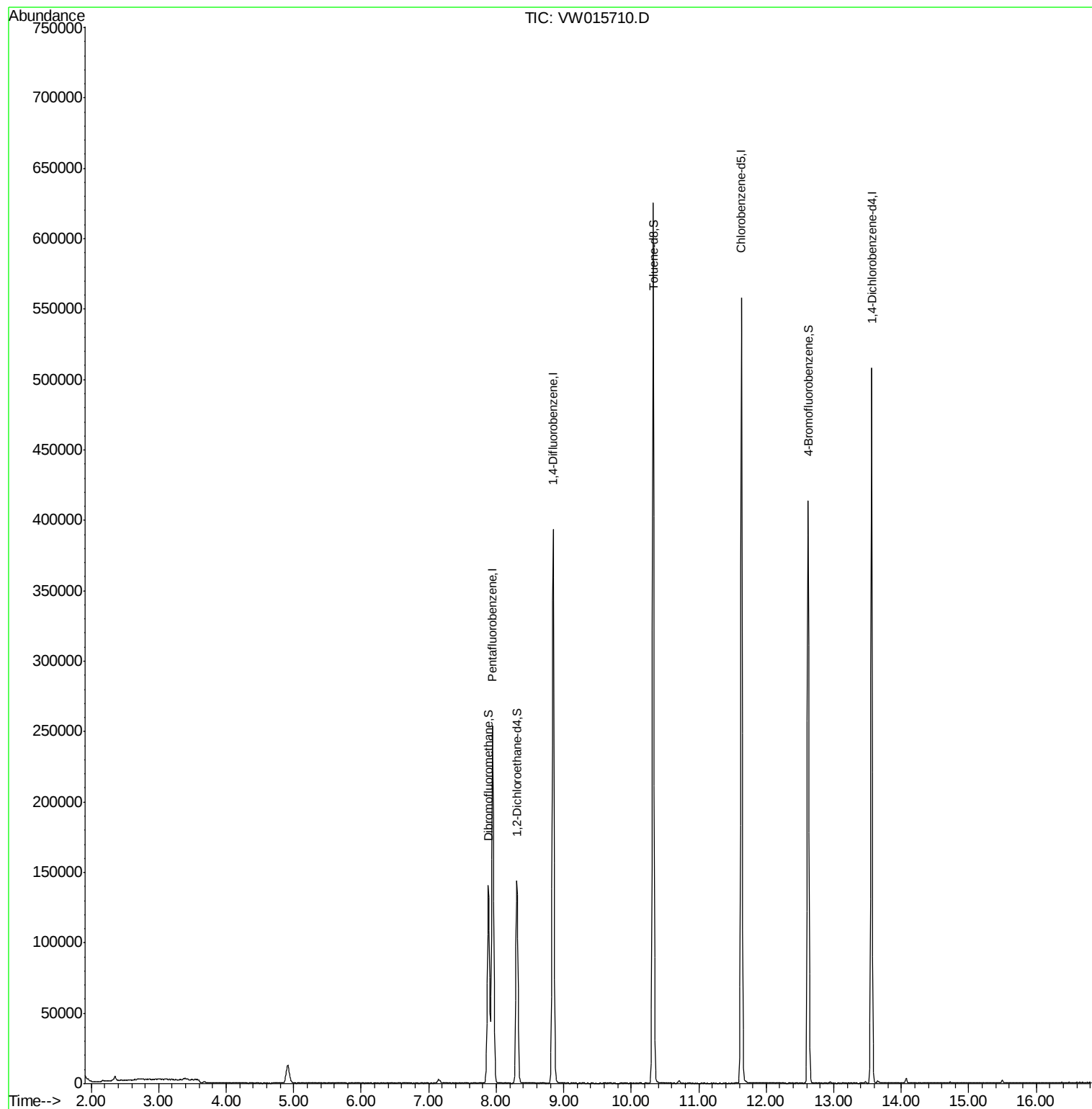
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

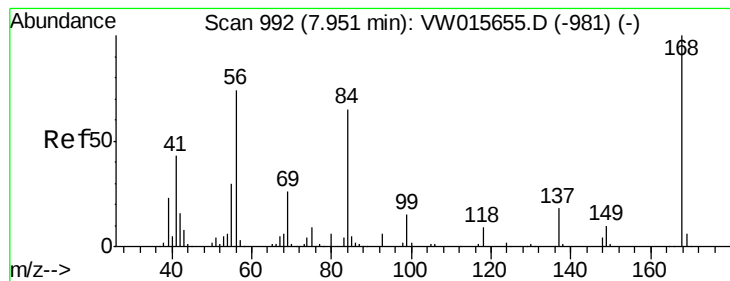
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062420\  
Data File : VW015710.D  
Acq On : 25 Jun 2020 04:08  
Operator : SY/VA  
Sample : L3094-01  
Misc : 6.02G/5ML/MSVOA W/SOIL  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BRENNAN-FL-001

Quant Time: Jun 25 05:35:14 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W062320S.M  
Quant Title : SW846 8260  
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: VW015710.D

Acq: 25 Jun 2020 04:08

Instrument :

MSVOA\_W

ClientSampleId :

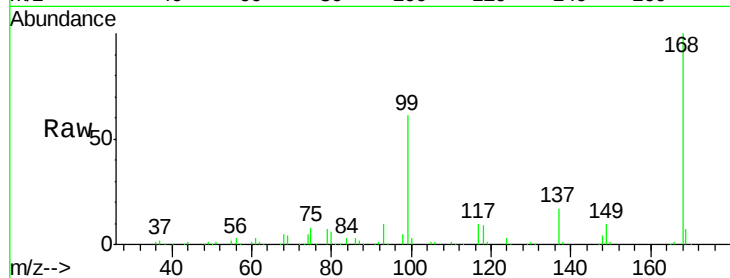
BRENNAN-FL-001

Tot Ion:168 Resp: 179887

Ion Ratio Lower Upper

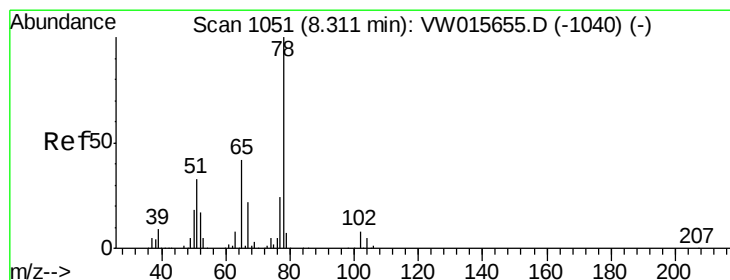
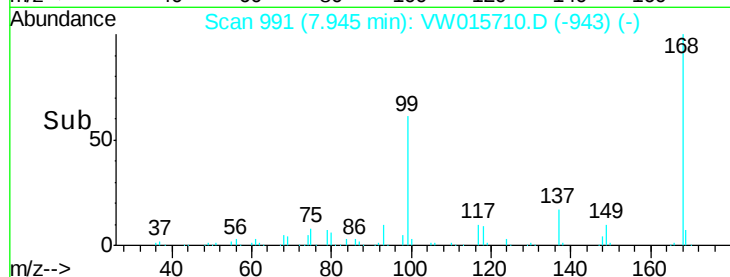
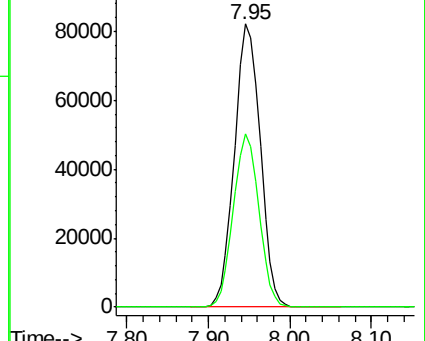
168 100

99 61.4 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 58.168 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015710.D

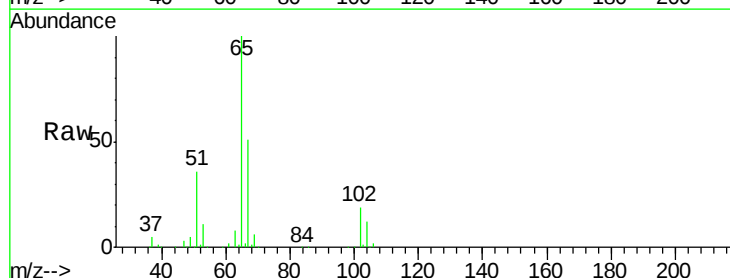
Acq: 25 Jun 2020 04:08

Tgt Ion: 65 Resp: 116423

Ion Ratio Lower Upper

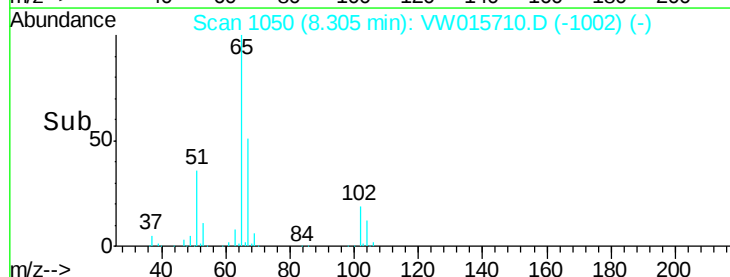
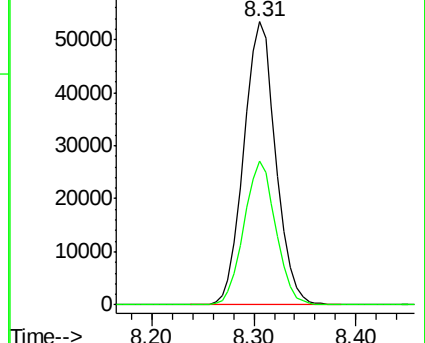
65 100

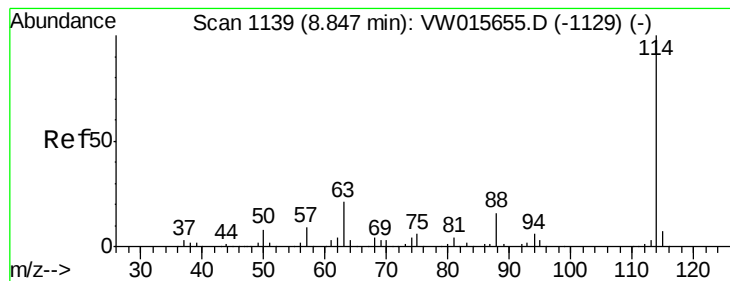
67 50.5 0.0 102.2



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: VW015710.D

Acq: 25 Jun 2020 04:08

Instrument :

MSVOA\_W

ClientSampleId :

BRENNAN-FL-001

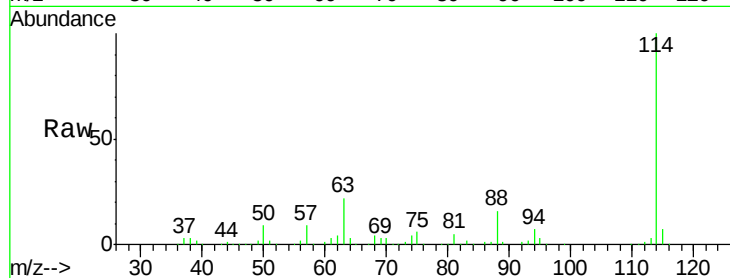
Tot Ion:114 Resp: 317646

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

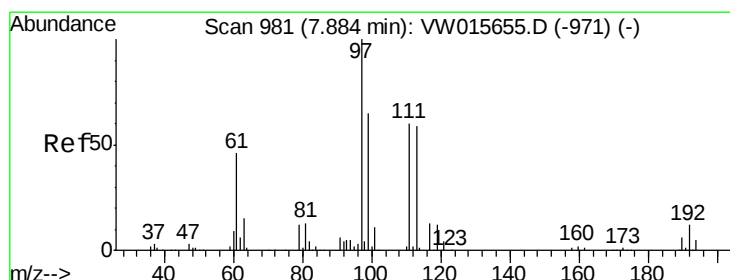
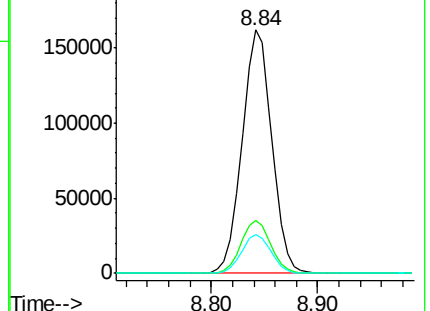
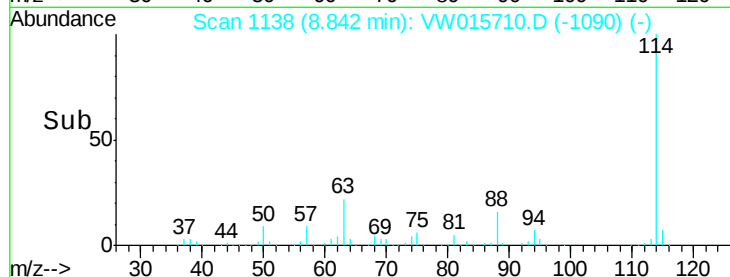
88 16.2 0.0 32.6



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: 50.297 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015710.D

Acq: 25 Jun 2020 04:08

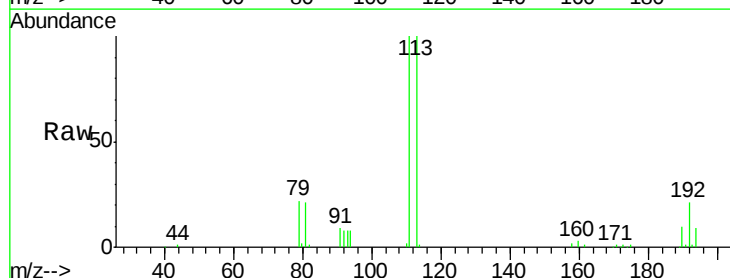
Tgt Ion:113 Resp: 100498

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

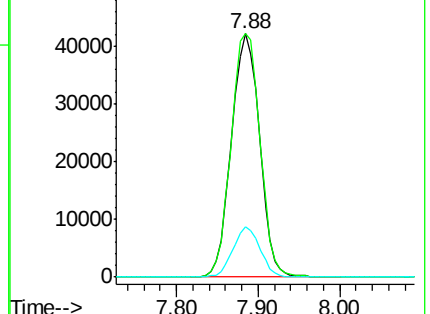
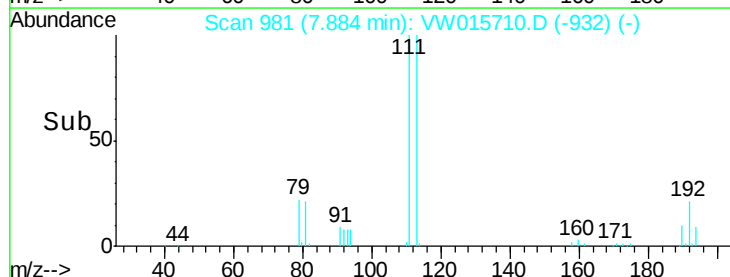
192 19.8 16.4 24.6

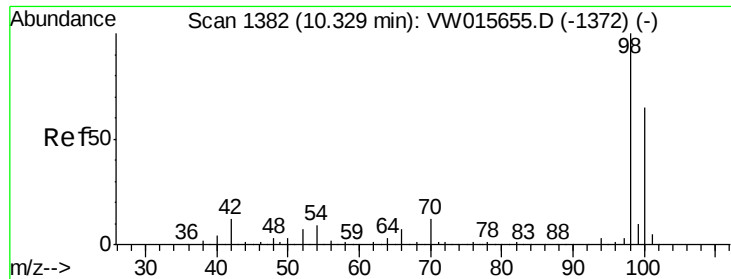


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.530 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015710.D

Acq: 25 Jun 2020 04:08

Instrument :

MSVOA\_W

ClientSampleId :

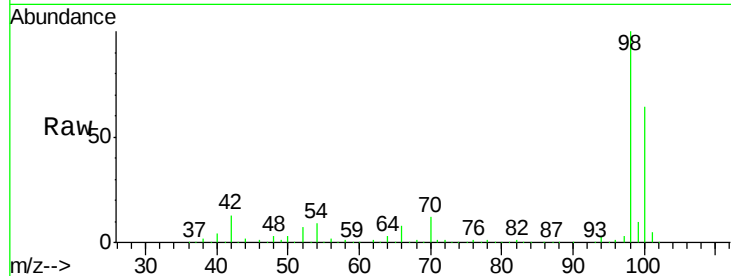
BRENNAN-FL-001

Tot Ion: 98 Resp: 405192

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

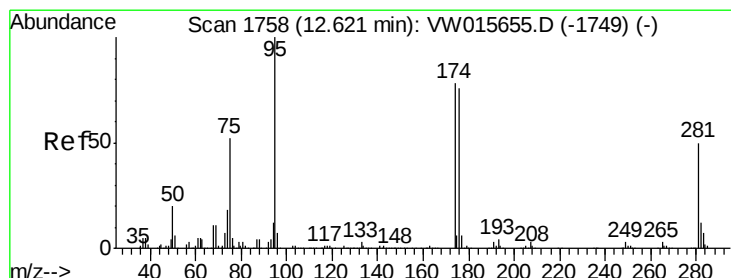
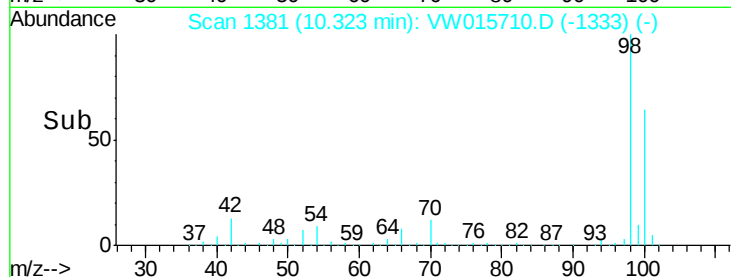
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 45.978 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015710.D

Acq: 25 Jun 2020 04:08

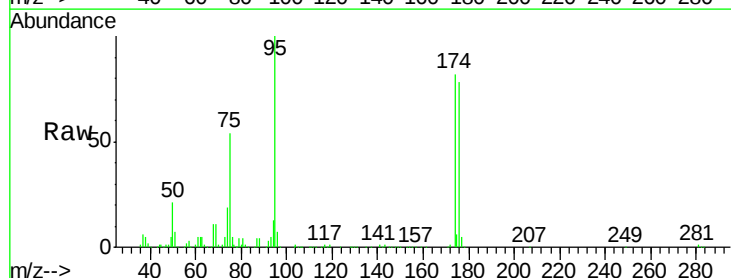
Tgt Ion: 95 Resp: 133146

Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.0

176 75.8 0.0 151.4



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

12.62

100000

80000

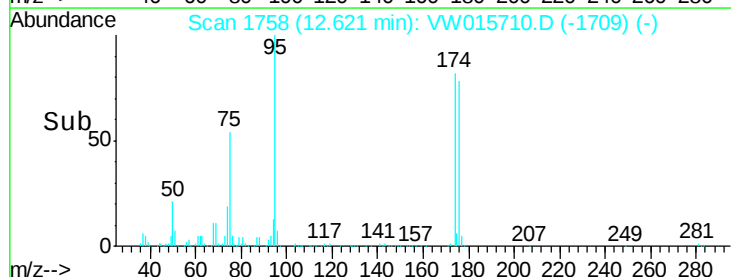
60000

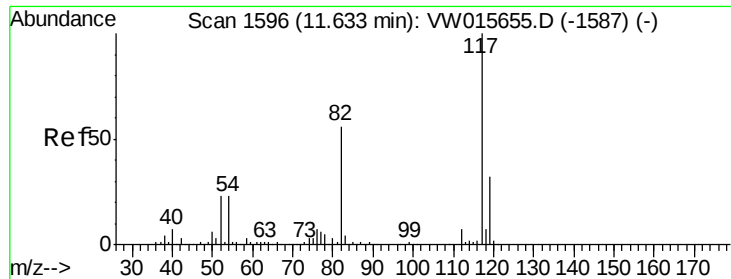
40000

20000

0

Time--> 12.50 12.60 12.70





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015710.D

Acq: 25 Jun 2020 04:08

Instrument :

MSVOA\_W

ClientSampleId :

BRENNAN-FL-001

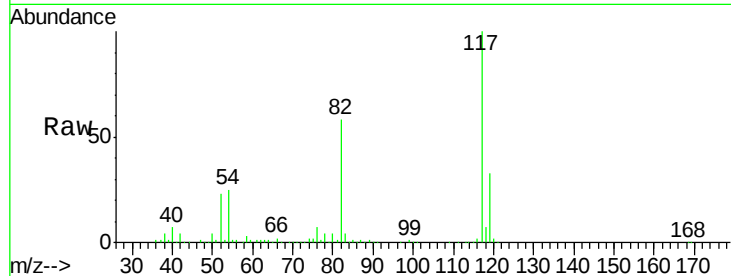
Tot Ion:117 Resp: 299243

Ion Ratio Lower Upper

117 100

82 57.7 45.1 67.7

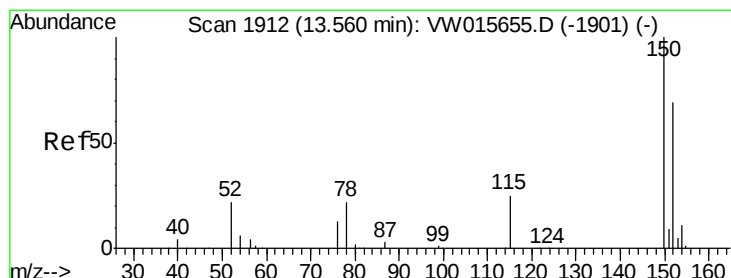
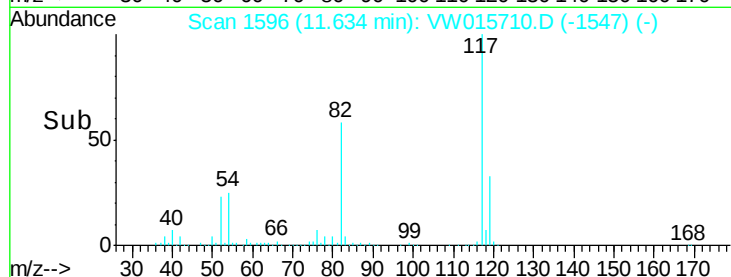
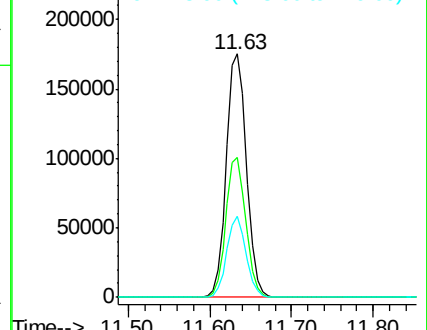
119 33.4 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015710.D

Acq: 25 Jun 2020 04:08

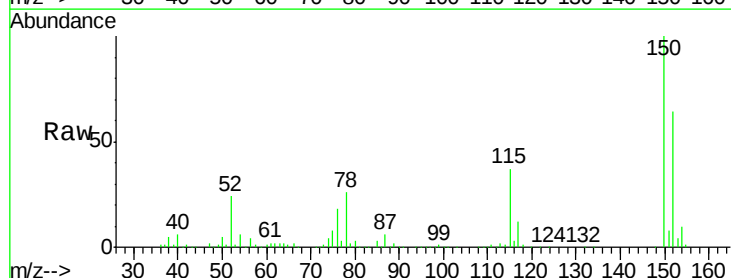
Tgt Ion:152 Resp: 125153

Ion Ratio Lower Upper

152 100

115 59.7 30.1 90.5

150 156.4 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

