

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN071719\  
 Data File : VN056788.D  
 Acq On : 17 Jul 2019 11:51  
 Operator : JC/SP  
 Sample : K3847-04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-3D

Quant Time: Jul 25 07:04:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 16 07:03:34 2019  
 Response via : Initial Calibration

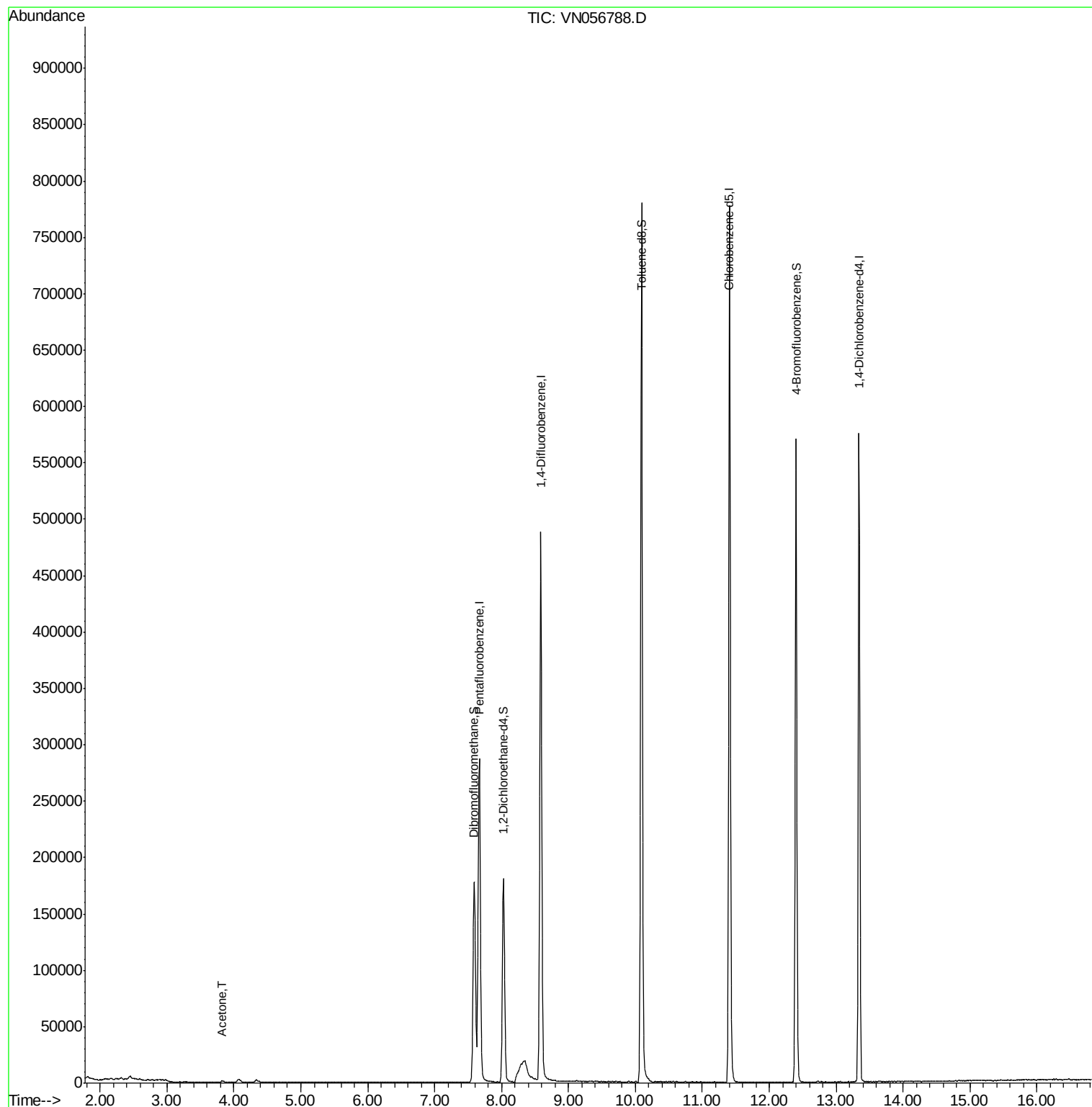
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 7.67  | 168  | 260326   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.59  | 114  | 459781   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 486469   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.34 | 152  | 169193   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 151151   | 52.49 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.98% |           |
| 35) Dibromofluoromethane    | 7.59  | 113  | 139339   | 48.70 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.40%  |           |
| 50) Toluene-d8              | 10.09 | 98   | 583806   | 52.83 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 105.66% |           |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 207610   | 55.71 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 111.42% |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 3.83  | 43   | 2661     | 2.005 | ug/l #  | Qvalue 88 |

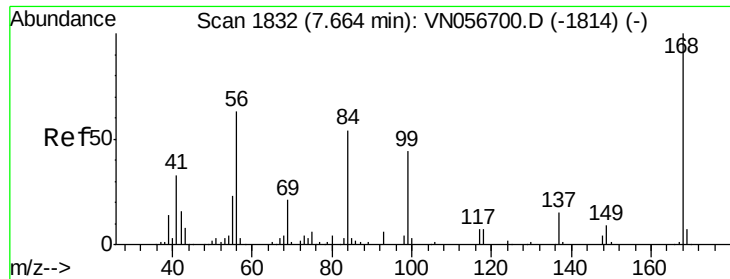
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 16 07:03:34 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056788.D

Acq: 17 Jul 2019 11:51

Instrument :

MSVOA\_N

ClientSampleId :

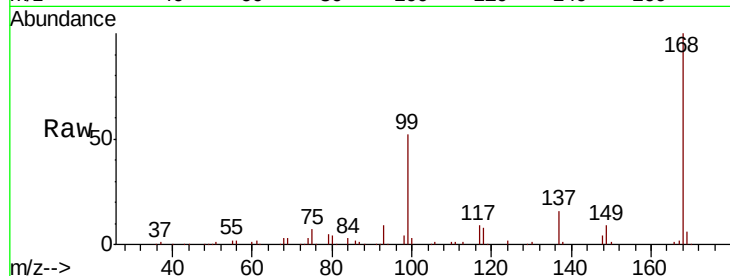
MW-3D

Tot Ion:168 Resp: 260326

Ion Ratio Lower Upper

168 100

99 51.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

120000

100000

80000

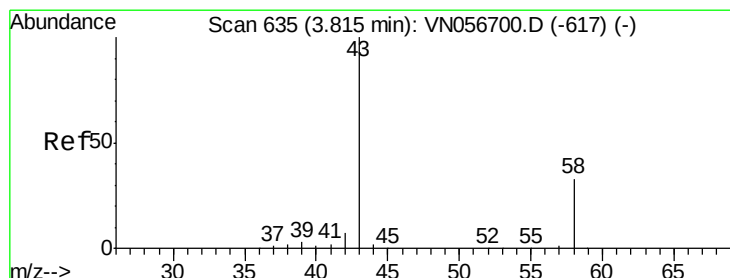
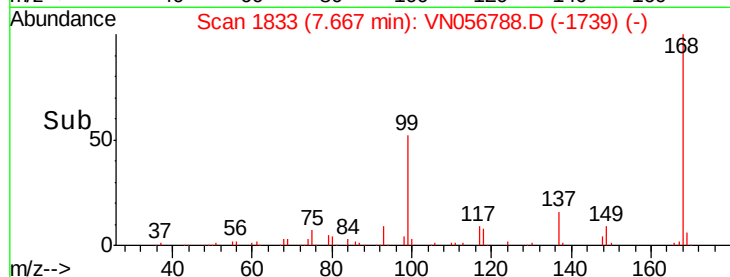
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.005 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.02 min

Lab File: VN056788.D

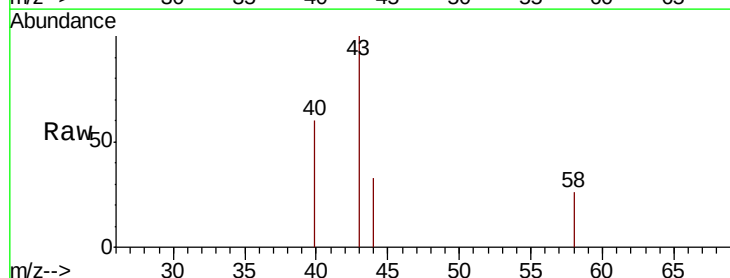
Acq: 17 Jul 2019 11:51

Tgt Ion: 43 Resp: 2661

Ion Ratio Lower Upper

43 100

58 26.4 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

1000

800

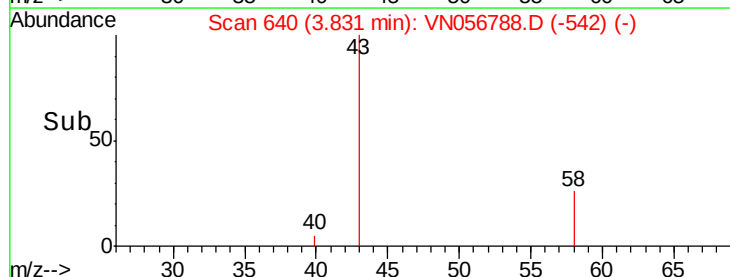
600

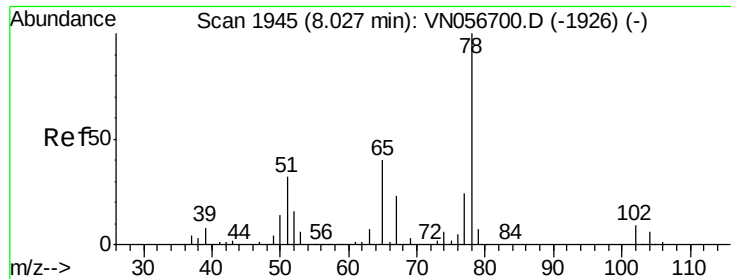
400

200

0

Time-->

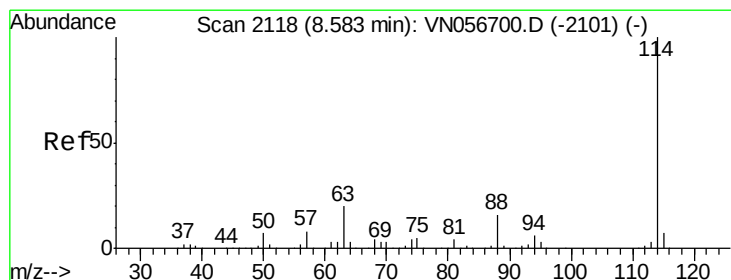
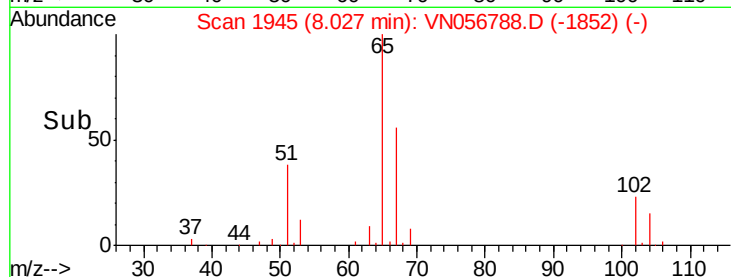
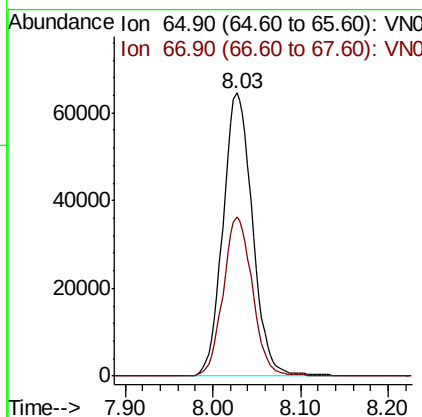
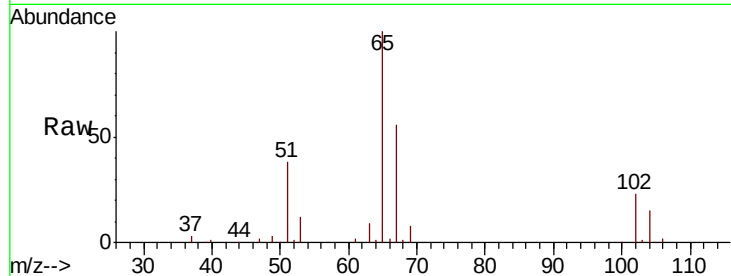




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.491 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN056788.D  
 Acq: 17 Jul 2019 11:51

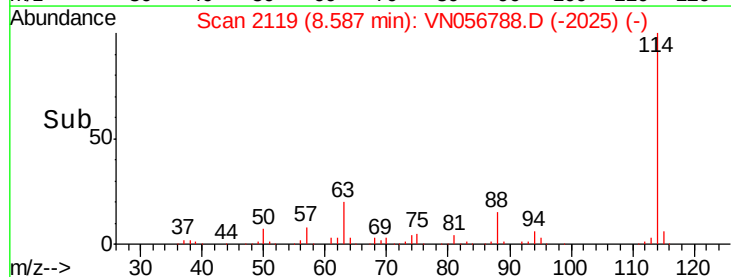
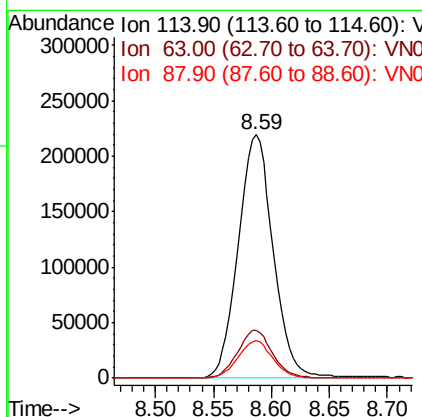
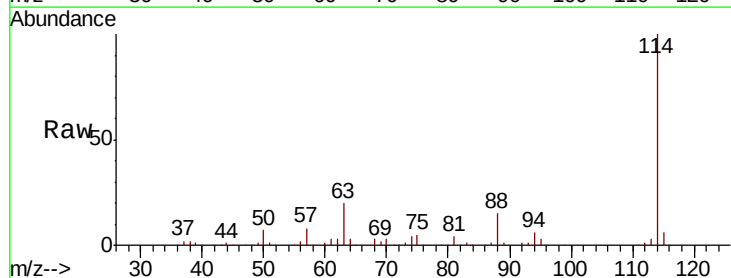
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-3D

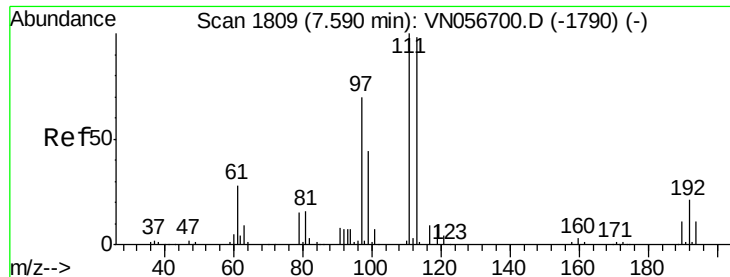
Tot Ion: 65 Resp: 151151  
 Ion Ratio Lower Upper  
 65 100  
 67 55.7 0.0 109.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN056788.D  
 Acq: 17 Jul 2019 11:51

Tgt Ion: 114 Resp: 459781  
 Ion Ratio Lower Upper  
 114 100  
 63 19.8 0.0 39.4  
 88 15.2 0.0 31.2

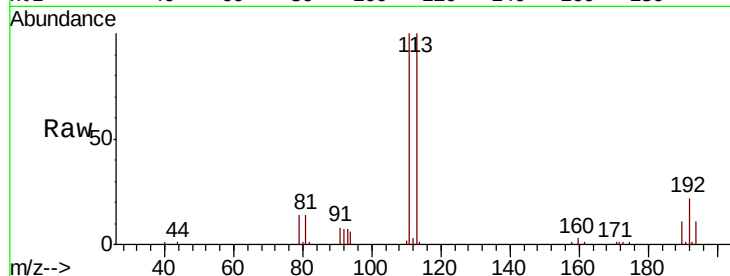




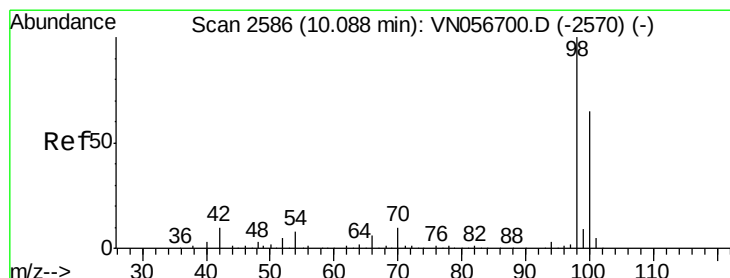
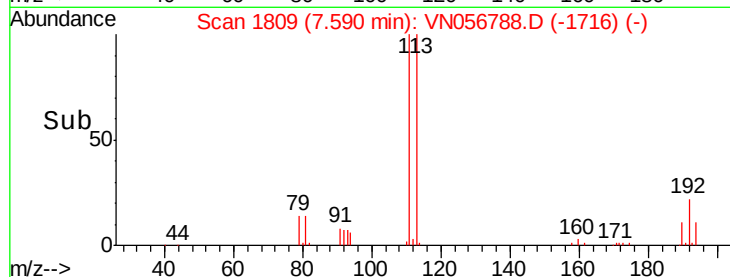
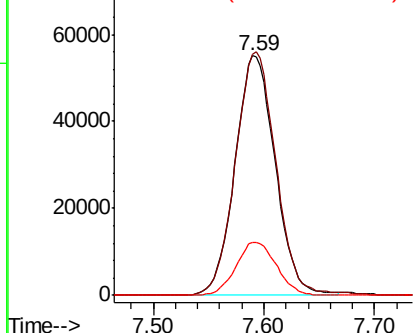
#35  
 Dibromofluoromethane  
 Concen: 48.698 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: VN056788.D  
 Acq: 17 Jul 2019 11:51

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-3D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.3 | 81.8  | 122.6 |
| 192     | 22.3  | 17.5  | 26.3  |

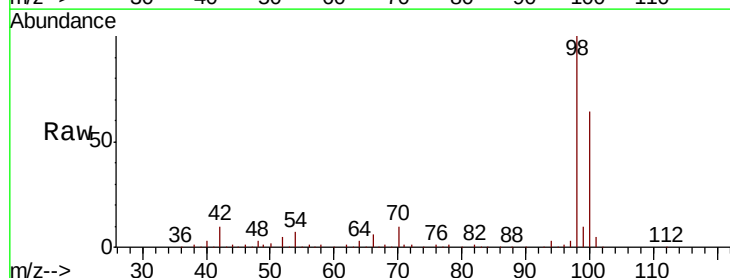


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

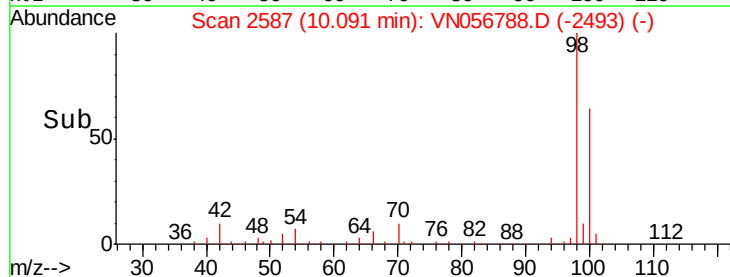
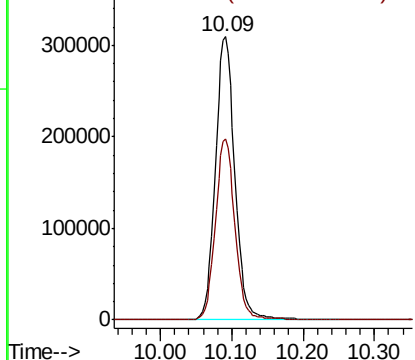


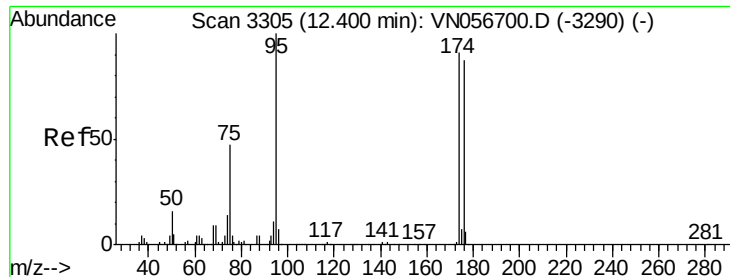
#50  
 Toluene-d8  
 Concen: 52.828 ug/l  
 RT: 10.09 min Scan# 2587  
 Delta R.T. 0.00 min  
 Lab File: VN056788.D  
 Acq: 17 Jul 2019 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.9  | 52.0  | 78.0  |



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

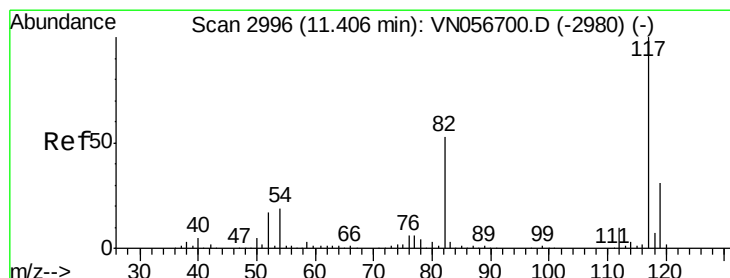
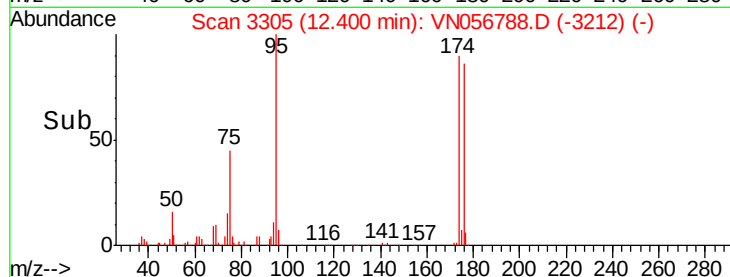
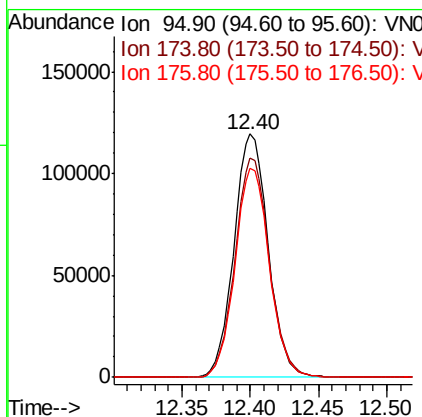
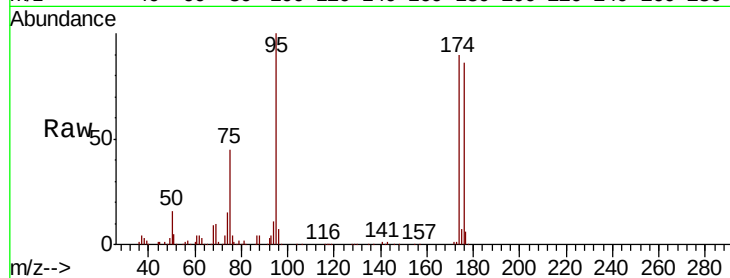




#62  
4-Bromofluorobenzene  
Concen: 55.708 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. -0.00 min  
Lab File: VN056788.D  
Acq: 17 Jul 2019 11:51

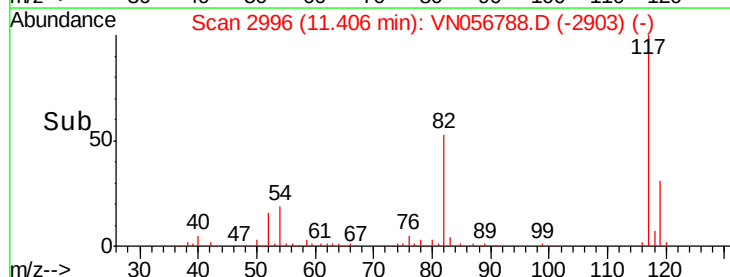
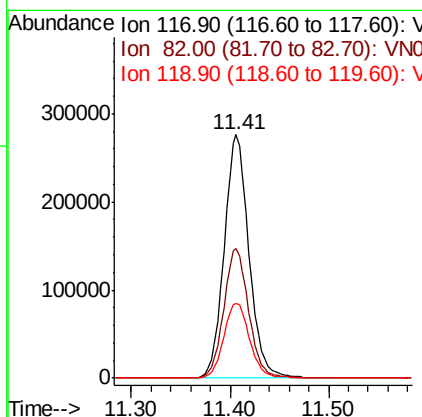
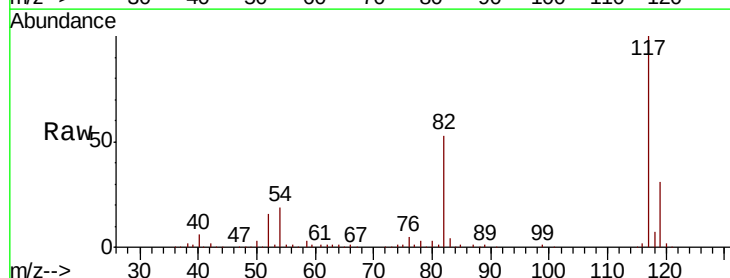
Instrument :  
MSVOA\_N  
ClientSampled :  
MW-3D

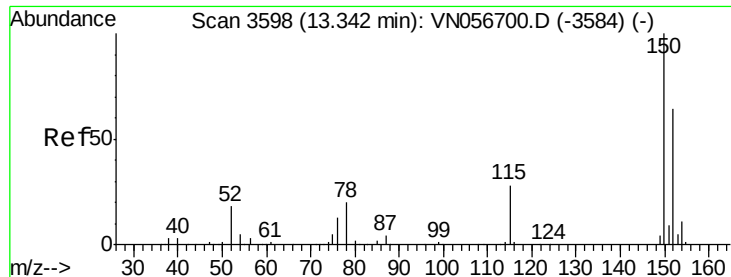
Tot Ion: 95 Resp: 207610  
Ion Ratio Lower Upper  
95 100  
174 90.5 0.0 180.0  
176 86.5 0.0 173.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN056788.D  
Acq: 17 Jul 2019 11:51

Tgt Ion: 117 Resp: 486469  
Ion Ratio Lower Upper  
117 100  
82 53.2 42.2 63.2  
119 30.9 25.2 37.8

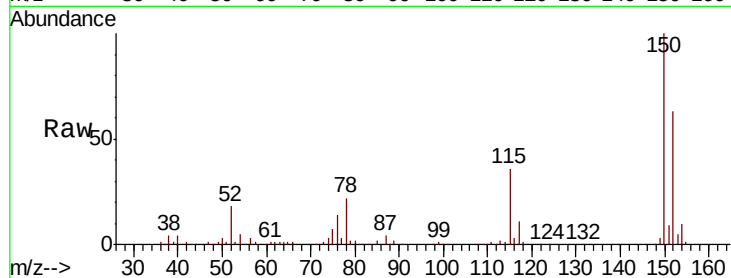




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.34 min Scan# 3598  
 Delta R.T. -0.00 min  
 Lab File: VN056788.D  
 Acq: 17 Jul 2019 11:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-3D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 55.5  | 28.2  | 84.7  |
| 150     | 154.9 | 0.0   | 345.8 |



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

