

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\  
 Data File : VX010229.D  
 Acq On : 11 Jun 2019 13:55  
 Operator : JC/SP  
 Sample : K3279-05  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BPS1-TT-MW307S-20190607

Quant Time: Jun 12 08:16:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060719W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 02:12:13 2019  
 Response via : Initial Calibration

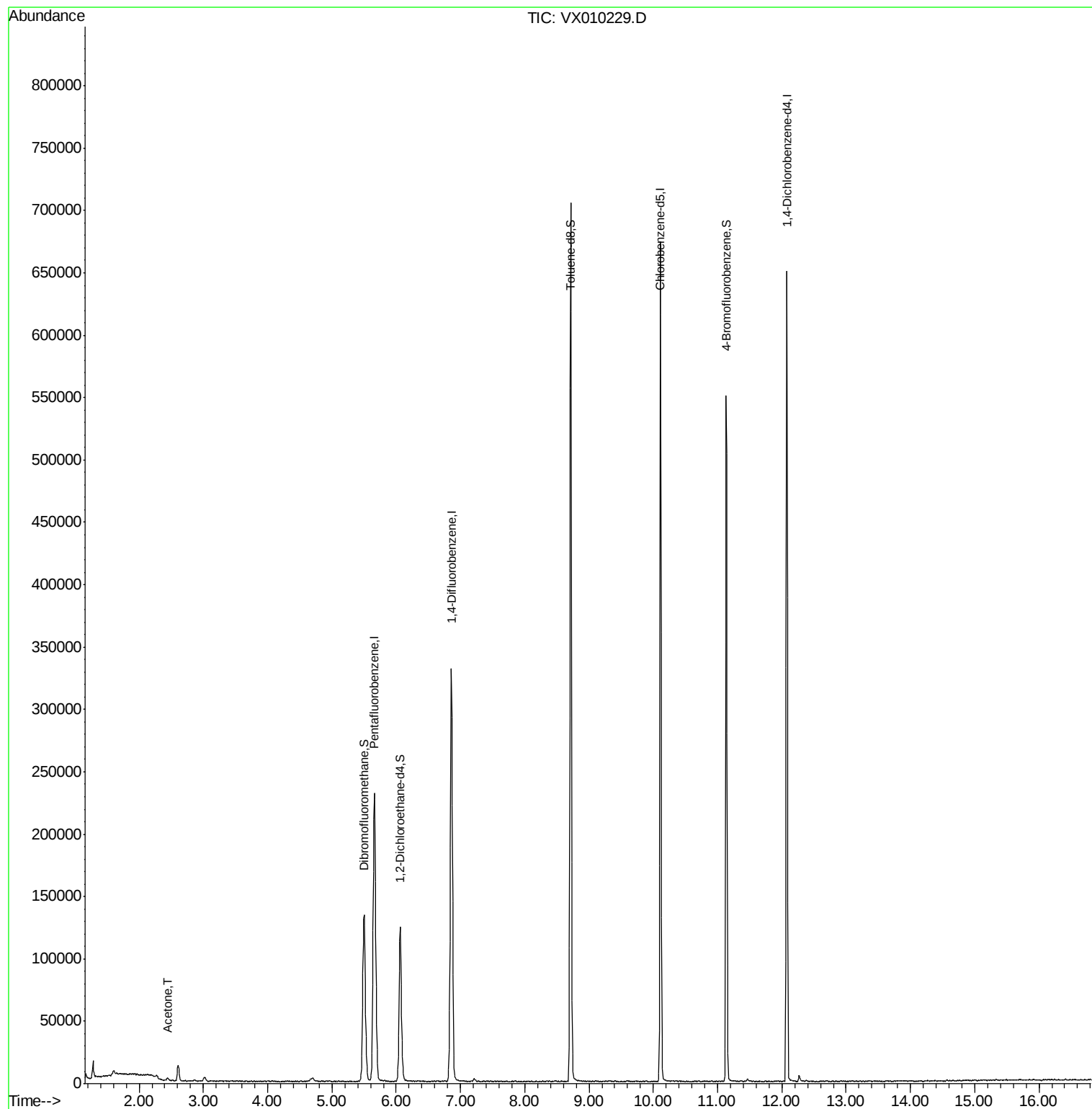
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 5.66  | 168  | 249250   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 371405   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 331489   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 149690   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 109940   | 45.19 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 90.38%  |           |
| 35) Dibromofluoromethane    | 5.50  | 113  | 114664   | 50.05 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 100.10% |           |
| 50) Toluene-d8              | 8.71  | 98   | 433949   | 50.54 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.08% |           |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 143466   | 44.74 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 89.48%  |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 2.44  | 43   | 2900     | 2.534 | ug/l    | Qvalue 90 |

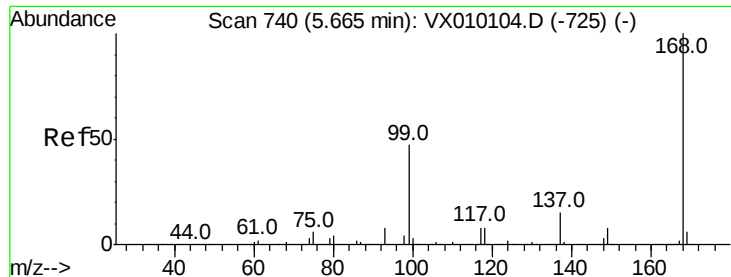
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BPS1-TT-MW307S-20190607

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X060719W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 08 02:12:13 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010229.D

Acq: 11 Jun 2019 13:55

Instrument :

MSVOA\_X

ClientSampleId :

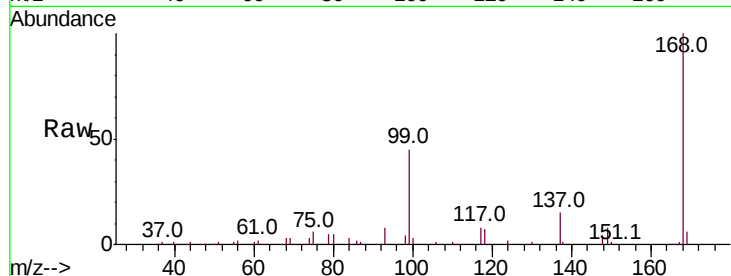
BPS1-TT-MW307S-20190607

Tot Ion:168 Resp: 249250

Ion Ratio Lower Upper

168 100

99 45.3 43.0 64.6

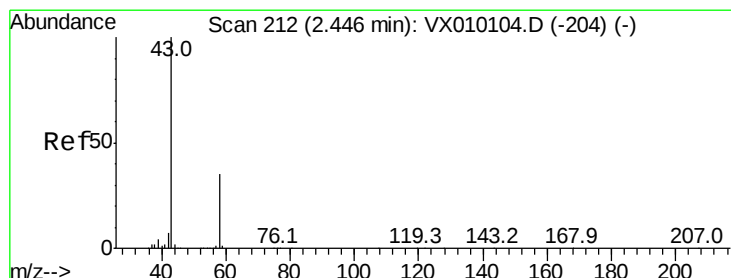
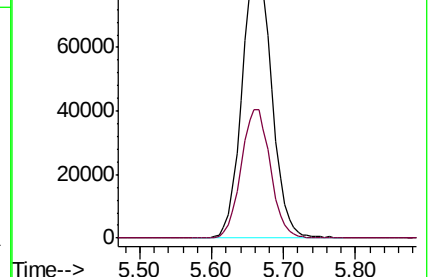
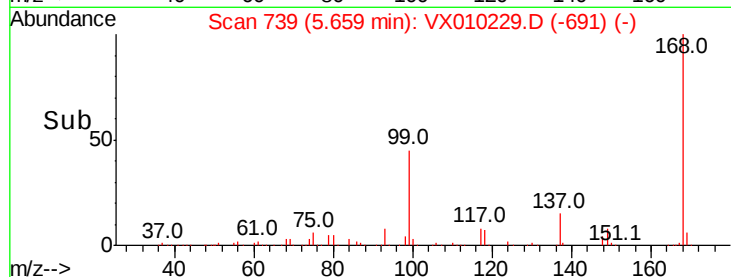


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



#16

Acetone

Concen: 2.534 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010229.D

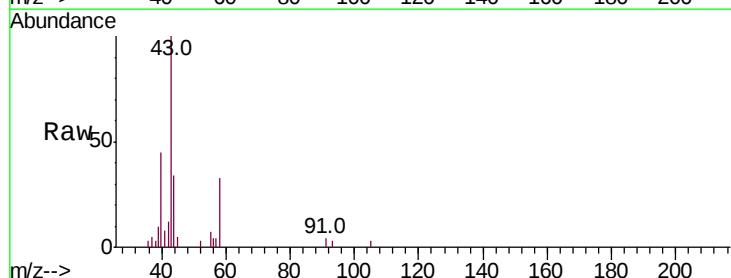
Acq: 11 Jun 2019 13:55

Tgt Ion: 43 Resp: 2900

Ion Ratio Lower Upper

43 100

58 34.3 23.2 34.8

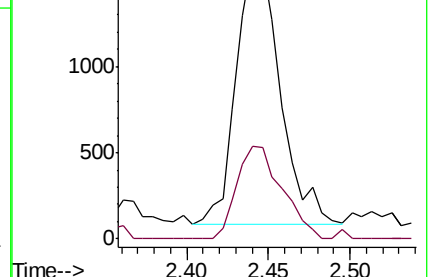
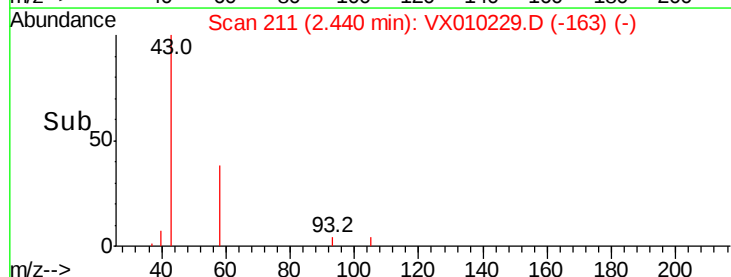


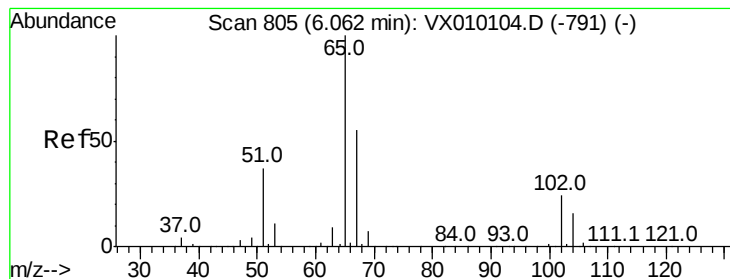
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.188 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010229.D

Acq: 11 Jun 2019 13:55

Instrument :

MSVOA\_X

ClientSampleId :

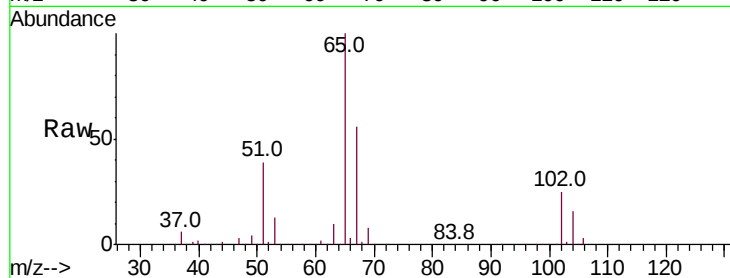
BPS1-TT-MW307S-20190607

Tot Ion: 65 Resp: 109940

Ion Ratio Lower Upper

65 100

67 55.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

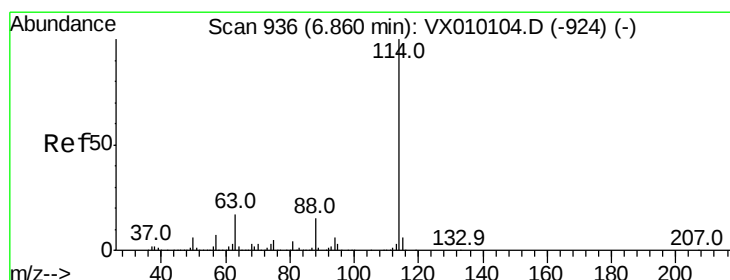
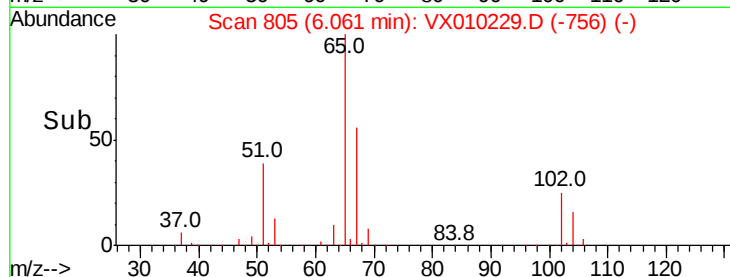
20000

10000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010229.D

Acq: 11 Jun 2019 13:55

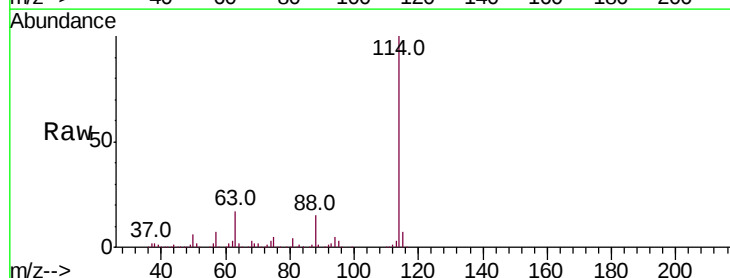
Tgt Ion: 114 Resp: 371405

Ion Ratio Lower Upper

114 100

63 16.6 0.0 47.4

88 15.2 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

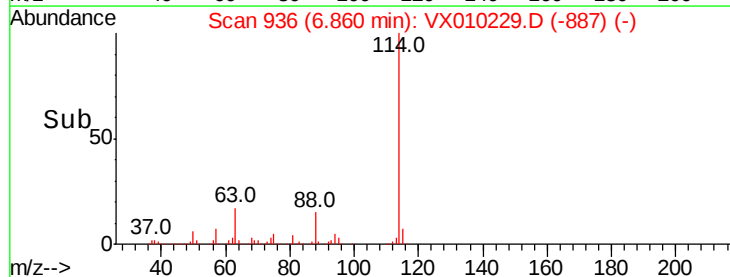
100000

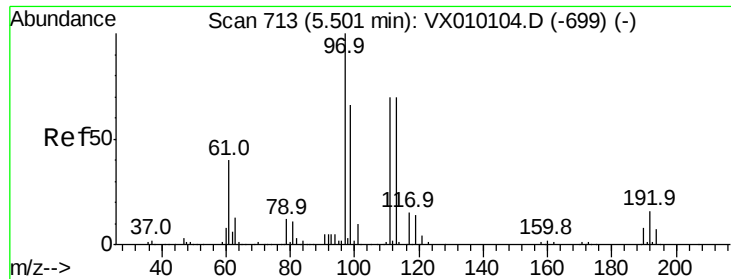
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 50.052 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010229.D

Acq: 11 Jun 2019 13:55

Instrument :

MSVOA\_X

ClientSampleId :

BPS1-TT-MW307S-20190607

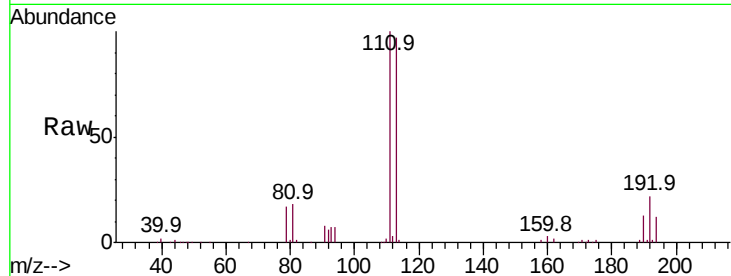
Tot Ion:113 Resp: 114664

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

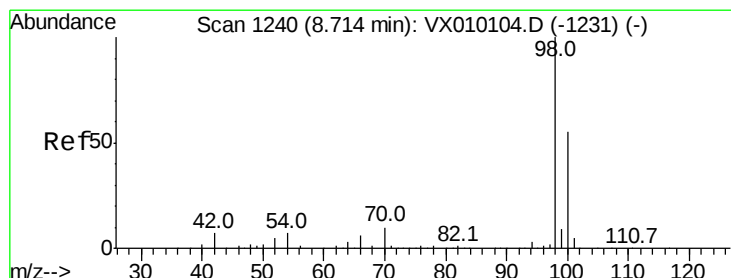
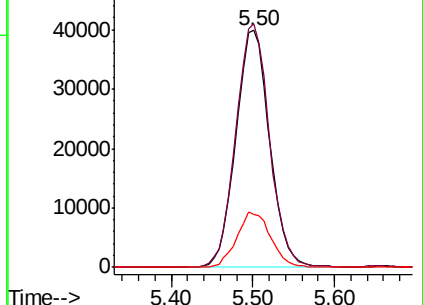
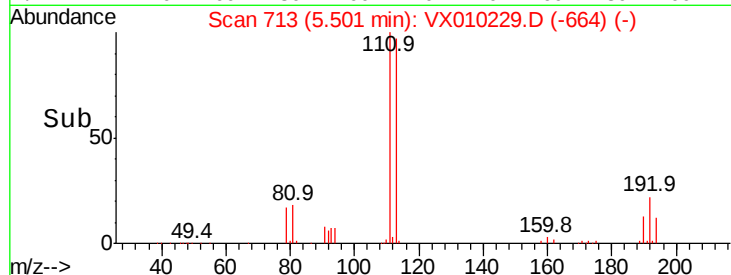
192 23.4 17.1 25.7



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: 50.542 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010229.D

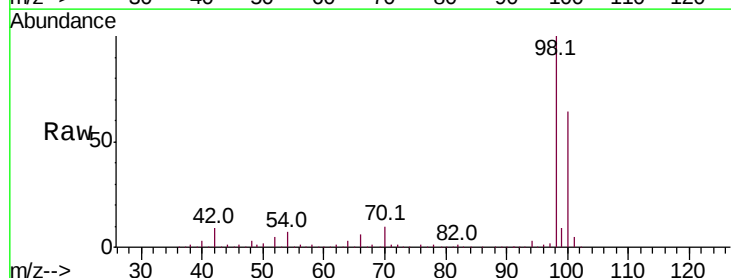
Acq: 11 Jun 2019 13:55

Tgt Ion: 98 Resp: 433949

Ion Ratio Lower Upper

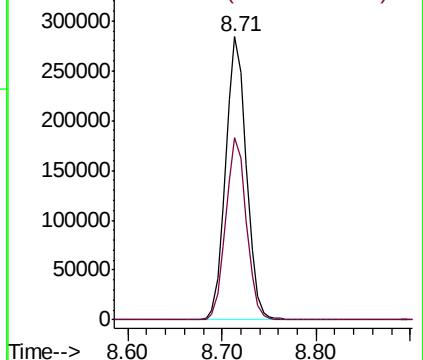
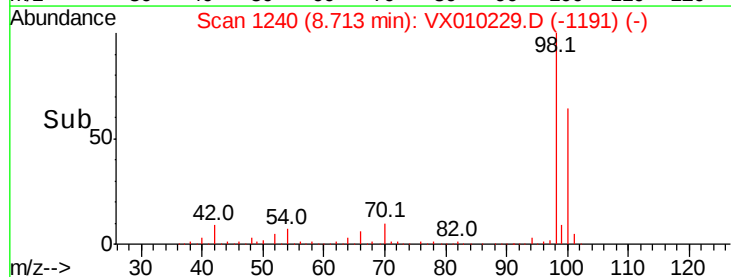
98 100

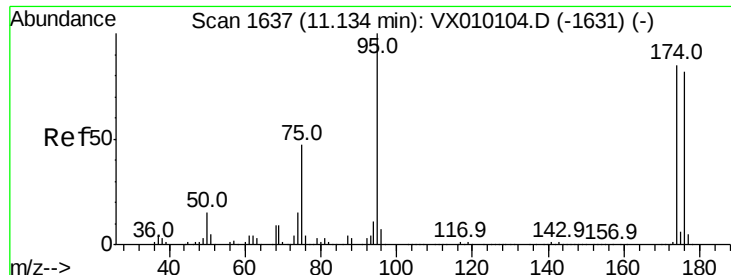
100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

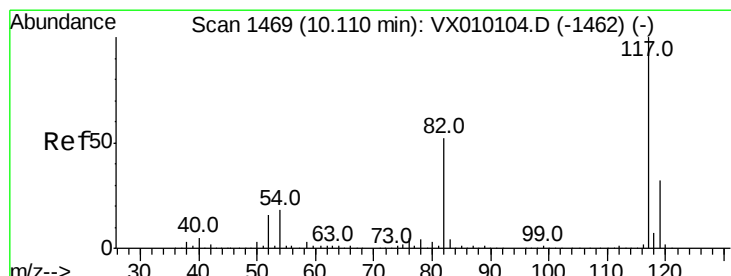
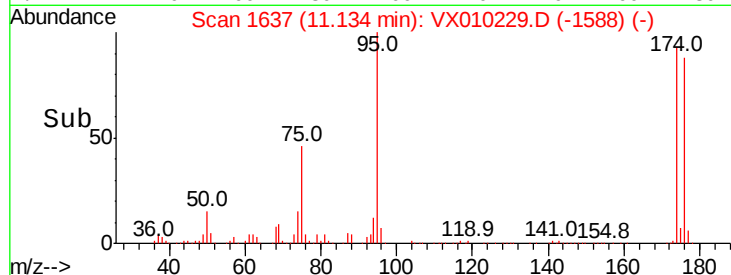
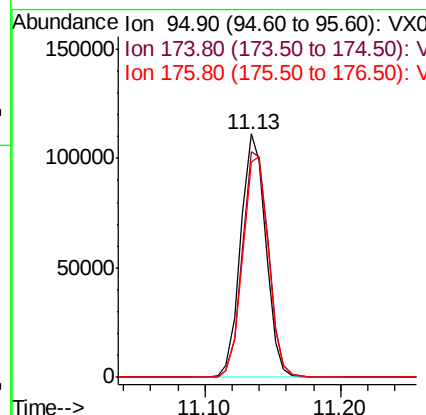
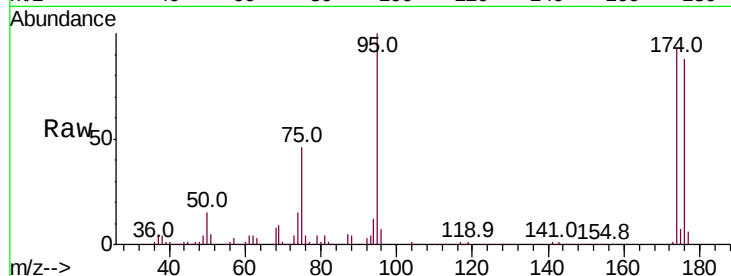




#62  
4-Bromofluorobenzene  
Concen: 44.742 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. 0.00 min  
Lab File: VX010229.D  
Acq: 11 Jun 2019 13:55

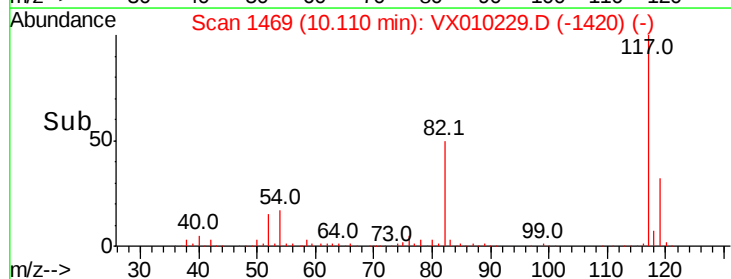
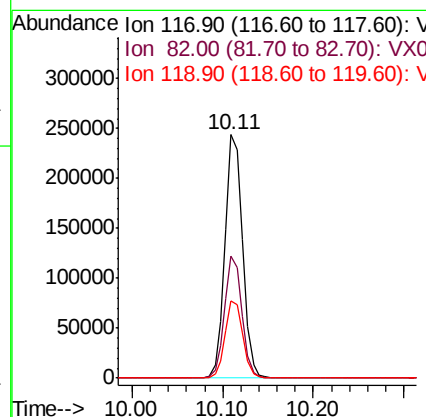
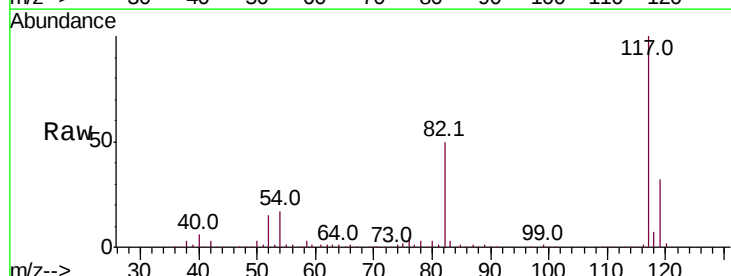
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MSVOA\_X  
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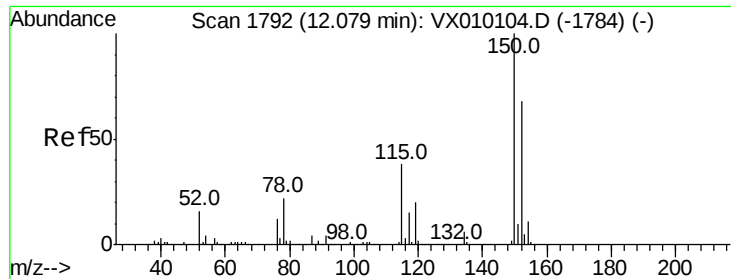
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 96.5  | 0.0   | 160.4 |
| 176     | 93.0  | 0.0   | 154.6 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX010229.D  
Acq: 11 Jun 2019 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 49.9  | 49.2  | 73.8  |
| 119     | 31.8  | 25.2  | 37.8  |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010229.D

Acq: 11 Jun 2019 13:55

Instrument :

MSVOA\_X

ClientSampleId :

BPS1-TT-MW307S-20190607

Tot Ion:152 Resp: 149690

Ion Ratio Lower Upper

152 100

115 53.4 41.4 124.2

150 155.5 0.0 345.2

