

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX072420\  
 Data File : VX017536.D  
 Acq On : 24 Jul 2020 12:42  
 Operator : JC/SP  
 Sample : L3416-01DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-TT-MW180D2-GW-20200722DL

Quant Time: Jul 25 02:27:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 24 05:48:09 2020  
 Response via : Initial Calibration

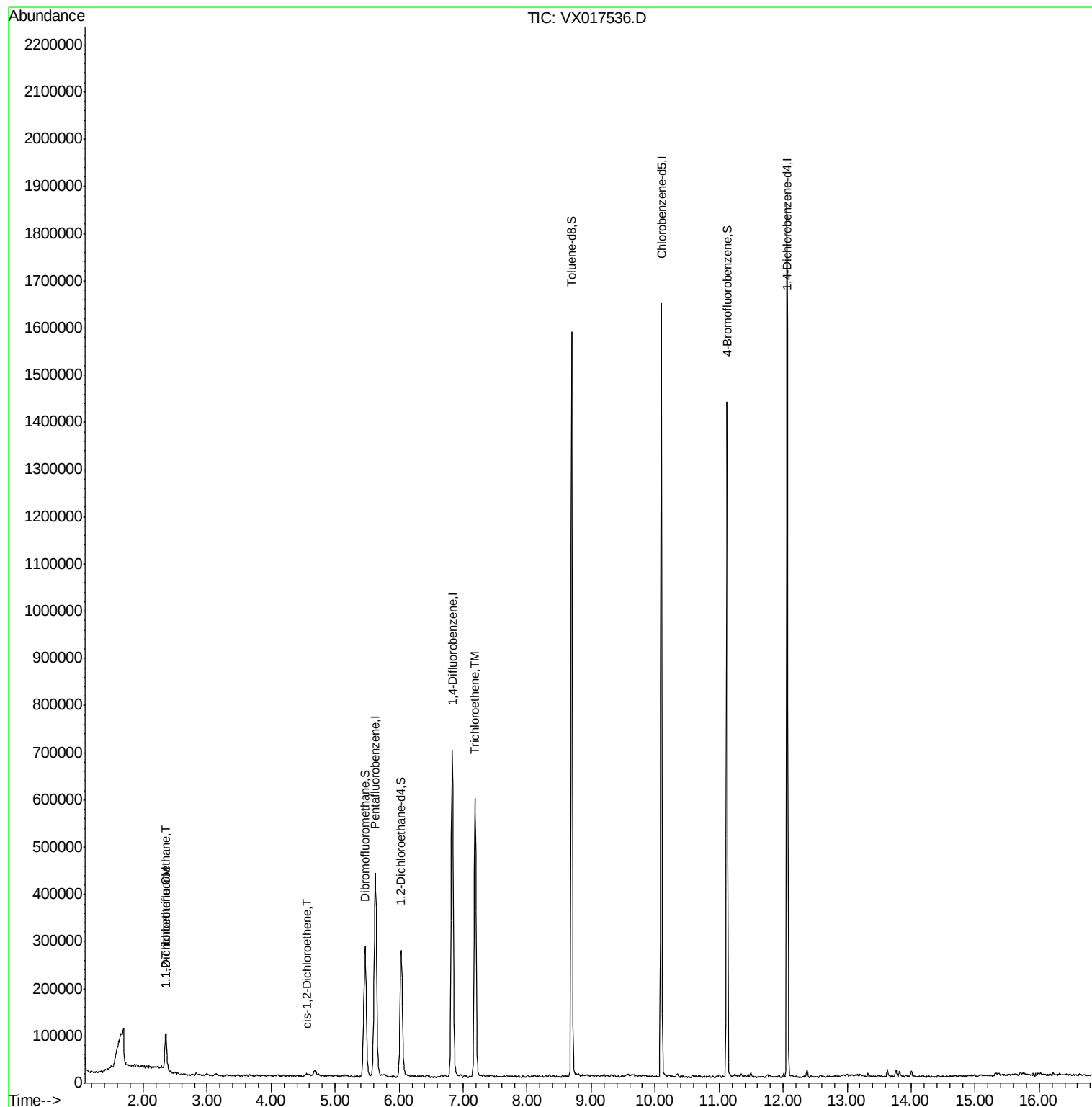
| Internal Standards            | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene         | 5.63  | 168  | 425821   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.83  | 114  | 683987   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 10.10 | 117  | 742239   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.06 | 152  | 376121   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds   |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4     | 6.03  | 65   | 276195   | 50.49  | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =      | 100.98% |          |
| 35) Dibromofluoromethane      | 5.47  | 113  | 234309   | 51.22  | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =      | 102.44% |          |
| 50) Toluene-d8                | 8.70  | 98   | 878159   | 53.21  | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =      | 106.42% |          |
| 62) 4-Bromofluorobenzene      | 11.12 | 95   | 369731   | 55.98  | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =      | 111.96% |          |
| Target Compounds              |       |      |          |        |         |          |
| 9) 1,1,2-Trichlorotrifluoroet | 2.35  | 101  | 19033    | 4.115  | ug/l    | 95       |
| 12) 1,1-Dichloroethene        | 2.35  | 96   | 10049    | 2.285  | ug/l    | 83       |
| 27) cis-1,2-Dichloroethene    | 4.56  | 96   | 3604     | 0.704  | ug/l    | 39       |
| 44) Trichloroethene           | 7.18  | 130  | 227915   | 41.467 | ug/l    | 98       |

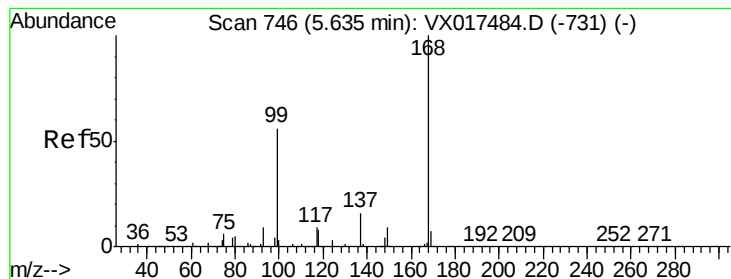
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX072420\  
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BP-TT-MW180D2-GW-20200722DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 24 05:48:09 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017536.D

Acq: 24 Jul 2020 12:42

Instrument :

MSVOA\_X

ClientSampleId :

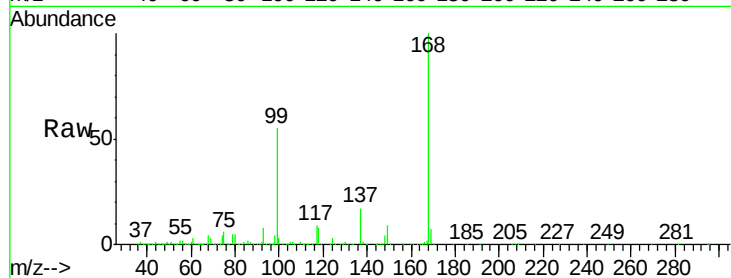
BP-TT-MW180D2-GW-20200722DL

Tgt Ion:168 Resp: 425821

Ion Ratio Lower Upper

168 100

99 54.6 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

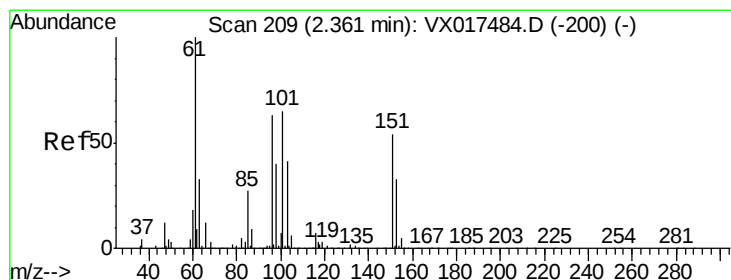
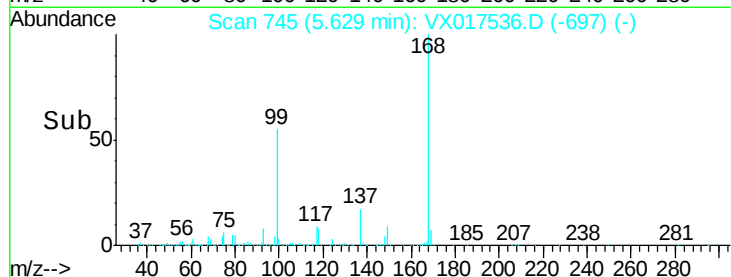
100000

50000

0

Time-->

5.50 5.60 5.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.115 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX017536.D

Acq: 24 Jul 2020 12:42

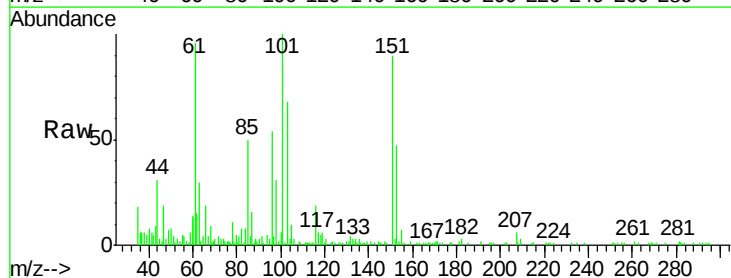
Tgt Ion:101 Resp: 19033

Ion Ratio Lower Upper

101 100

85 48.9 34.8 52.2

151 82.2 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

12000

10000

8000

6000

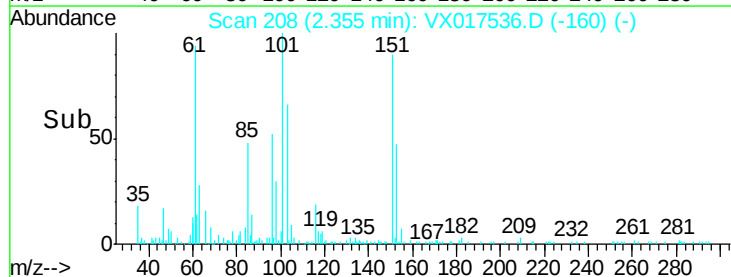
4000

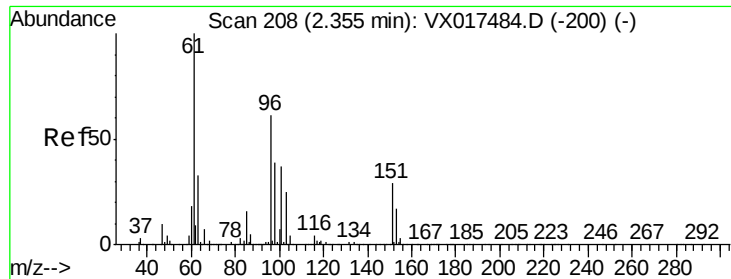
2000

0

Time-->

2.30 2.35 2.40 2.45





#12

1,1-Dichloroethene

Concen: 2.285 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX017536.D

Acq: 24 Jul 2020 12:42

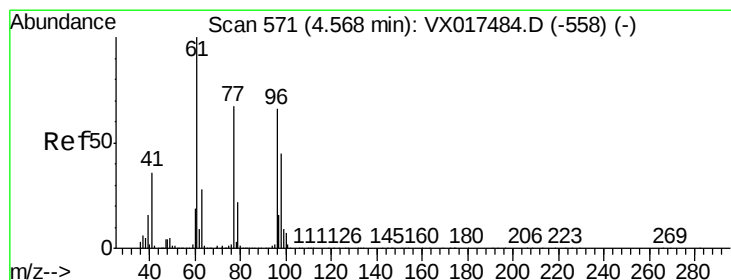
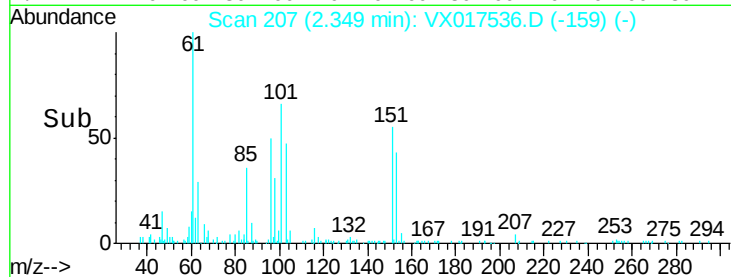
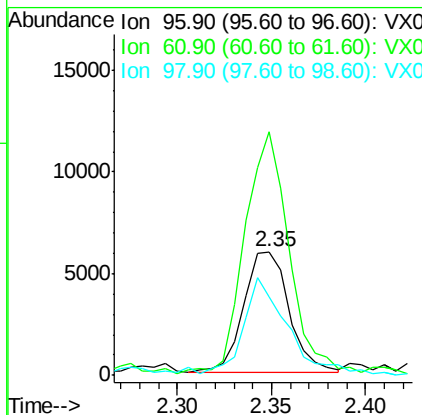
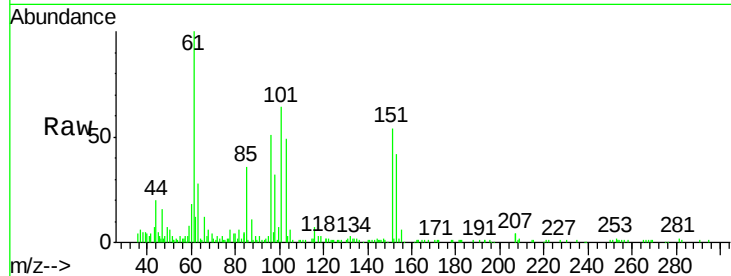
Instrument :

MSVOA\_X

ClientSampleId :

BP-TT-MW180D2-GW-20200722DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 10049 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 196.6 | 134.0 | 201.0 |
| 98       | 59.1  | 51.0  | 76.4  |



#27

cis-1,2-Dichloroethene

Concen: 0.704 ug/l

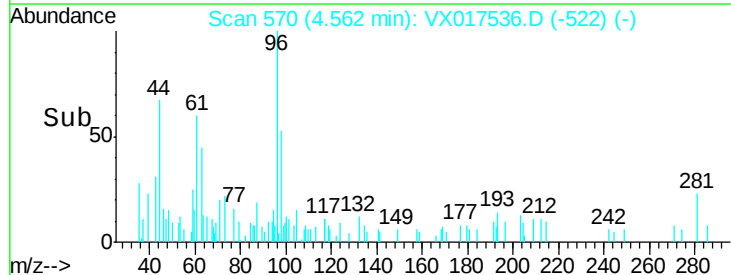
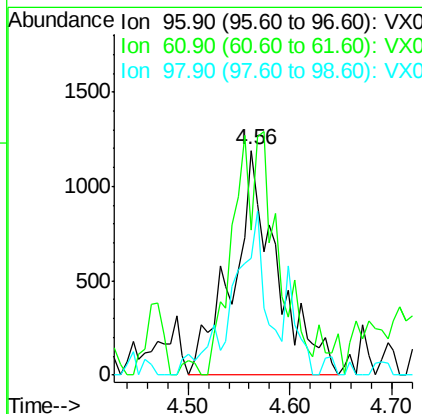
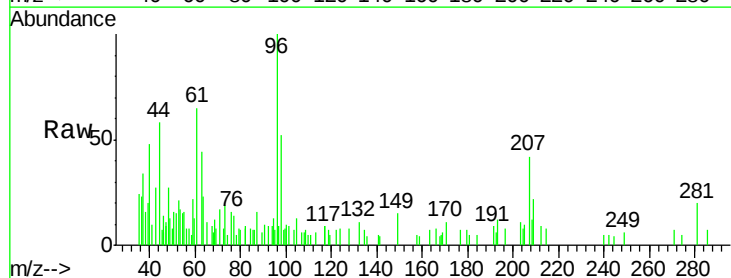
RT: 4.56 min Scan# 570

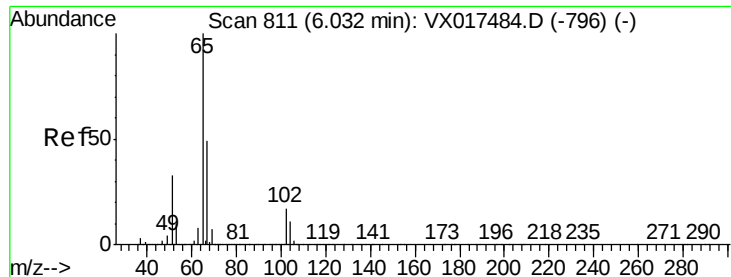
Delta R.T. -0.01 min

Lab File: VX017536.D

Acq: 24 Jul 2020 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 3604  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 48.2  | 0.0   | 301.2 |
| 98       | 53.3  | 0.0   | 130.0 |





#33

1,2-Dichloroethane-d4

Concen: 50.494 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017536.D

Acq: 24 Jul 2020 12:42

Instrument :

MSVOA\_X

ClientSampleId :

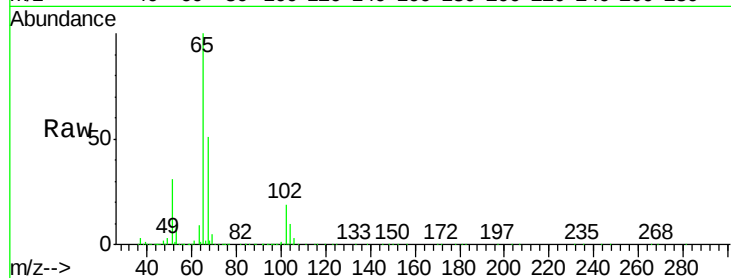
BP-TT-MW180D2-GW-20200722DL

Tgt Ion: 65 Resp: 276195

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

120000

100000

80000

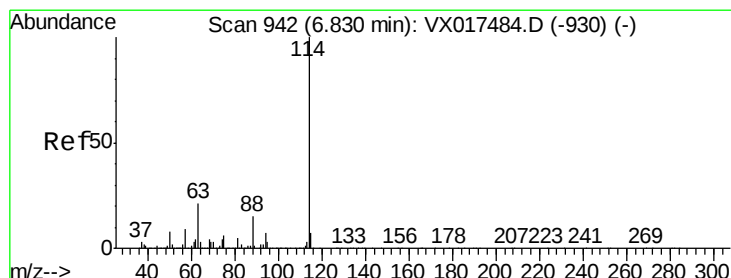
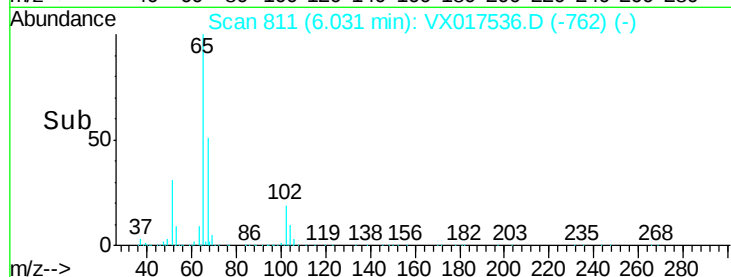
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017536.D

Acq: 24 Jul 2020 12:42

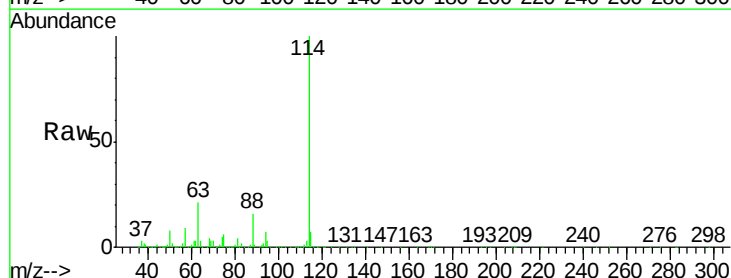
Tgt Ion: 114 Resp: 683987

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.6

88 16.4 0.0 33.4



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

400000

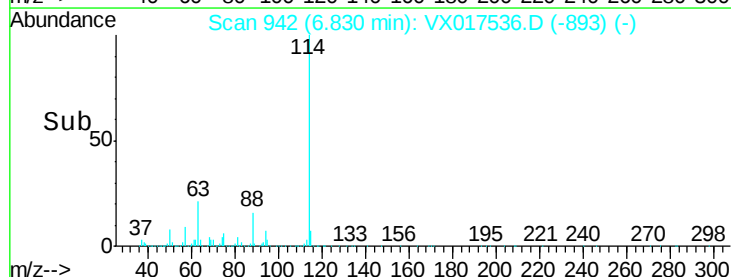
300000

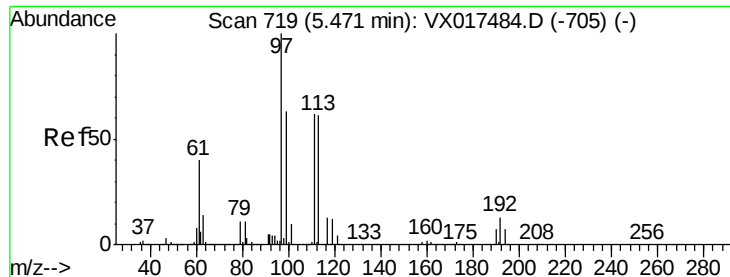
200000

100000

0

Time-->

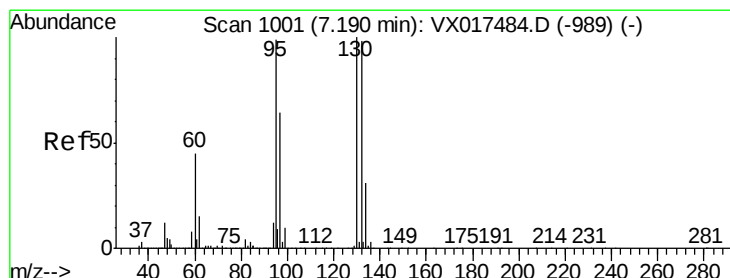
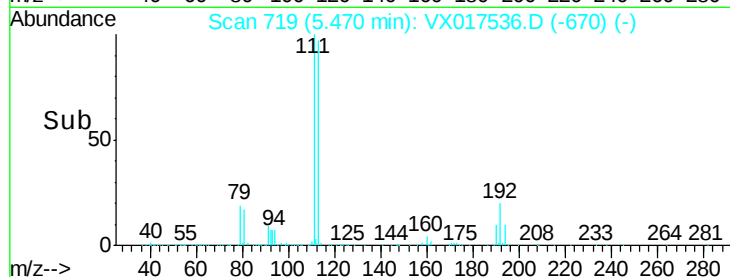
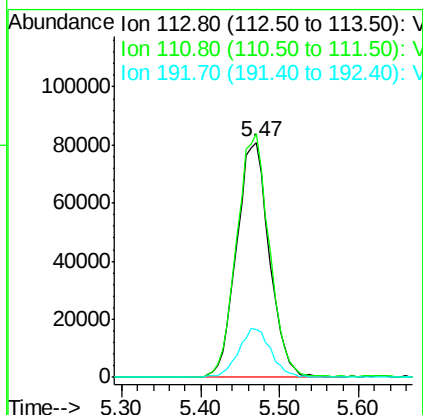
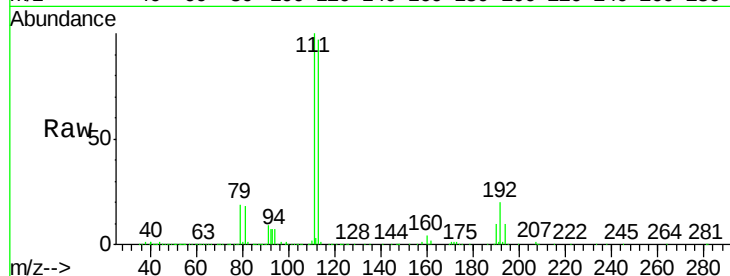




#35  
Dibromofluoromethane  
Concen: 51.220 ug/l  
RT: 5.47 min Scan# 719  
Delta R.T. -0.00 min  
Lab File: VX017536.D  
Acq: 24 Jul 2020 12:42

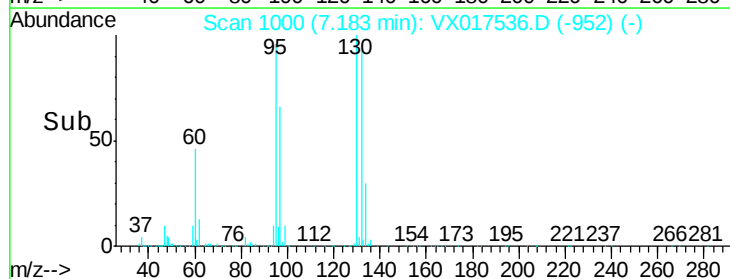
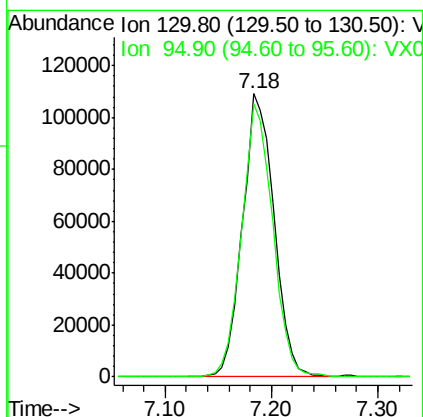
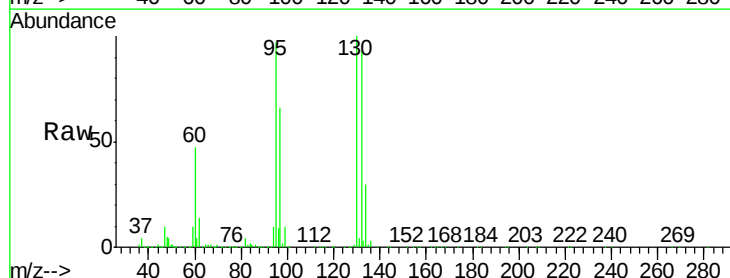
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-MW180D2-GW-20200722DL

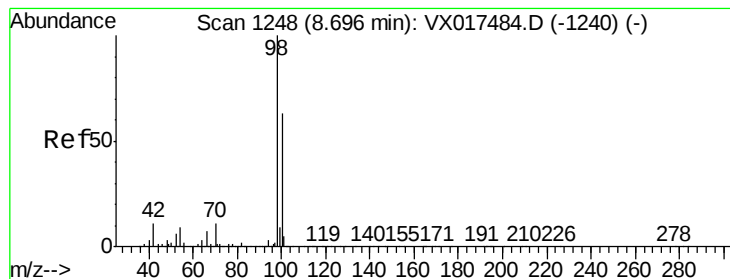
Tgt Ion:113 Resp: 234309  
Ion Ratio Lower Upper  
113 100  
111 103.1 80.7 121.1  
192 20.5 16.9 25.3



#44  
Trichloroethene  
Concen: 41.467 ug/l  
RT: 7.18 min Scan# 1000  
Delta R.T. -0.01 min  
Lab File: VX017536.D  
Acq: 24 Jul 2020 12:42

Tgt Ion:130 Resp: 227915  
Ion Ratio Lower Upper  
130 100  
95 96.3 0.0 189.0





#50

Toluene-d8

Concen: 53.214 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017536.D

Acq: 24 Jul 2020 12:42

Instrument :

MSVOA\_X

ClientSampleId :

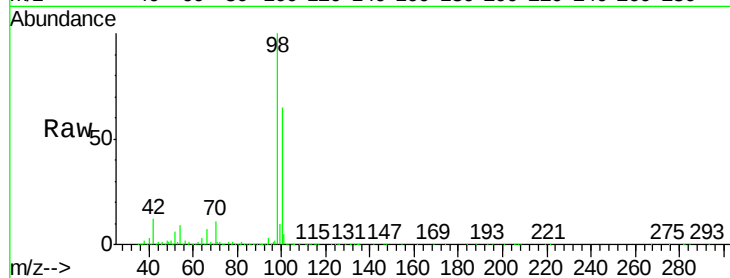
BP-TT-MW180D2-GW-20200722DL

Tgt Ion: 98 Resp: 878159

Ion Ratio Lower Upper

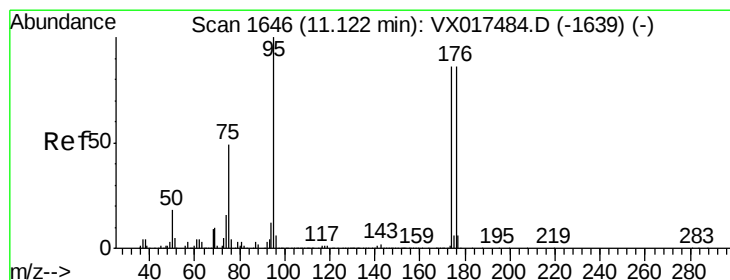
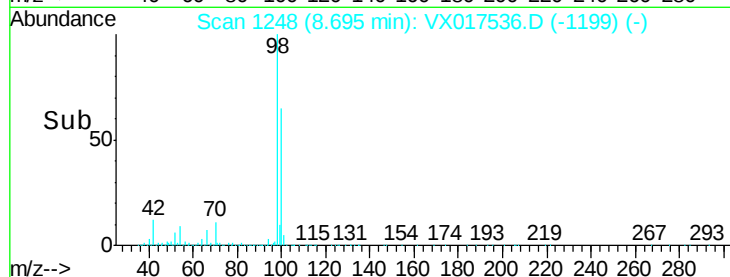
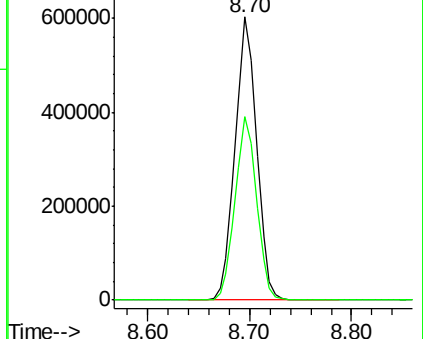
98 100

100 64.8 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 55.983 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017536.D

Acq: 24 Jul 2020 12:42

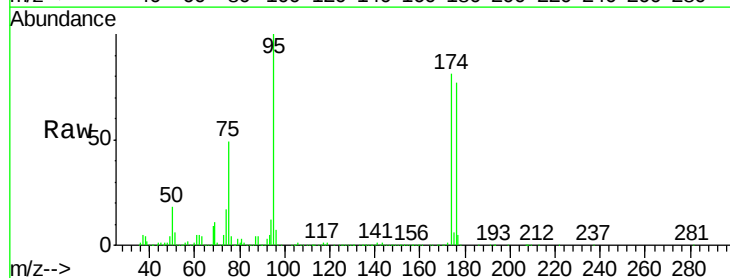
Tgt Ion: 95 Resp: 369731

Ion Ratio Lower Upper

95 100

174 83.2 0.0 169.0

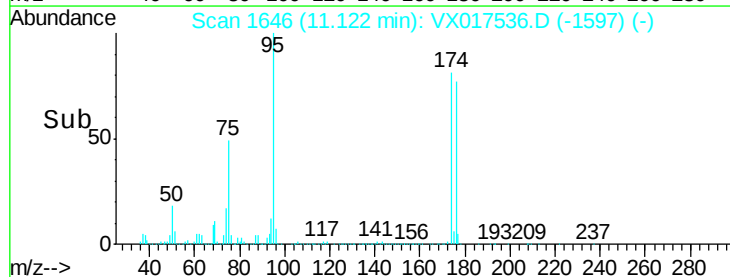
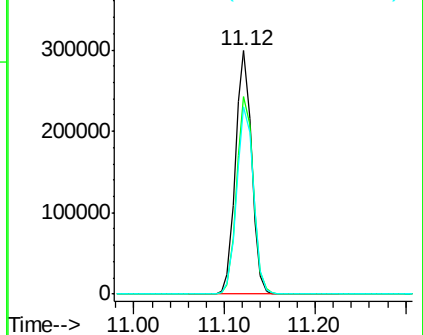
176 80.0 0.0 161.0

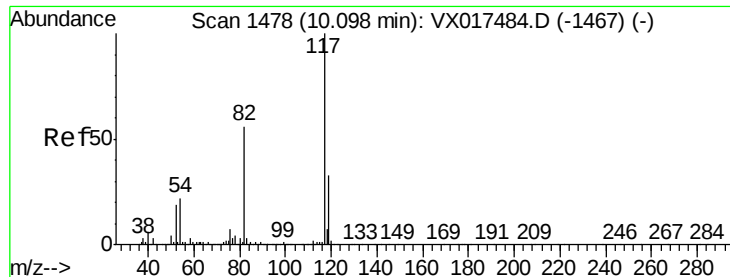


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

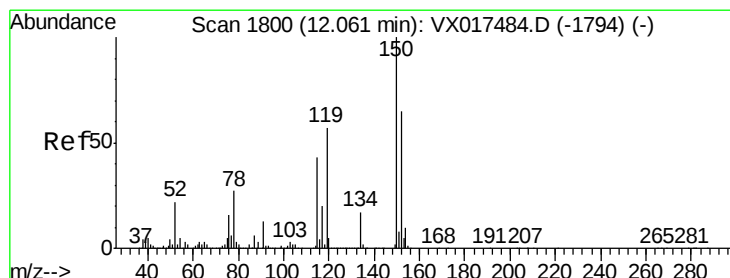
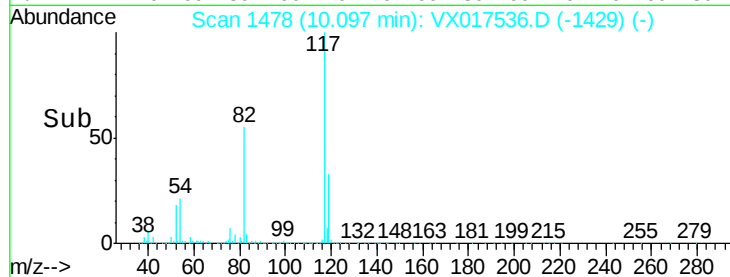
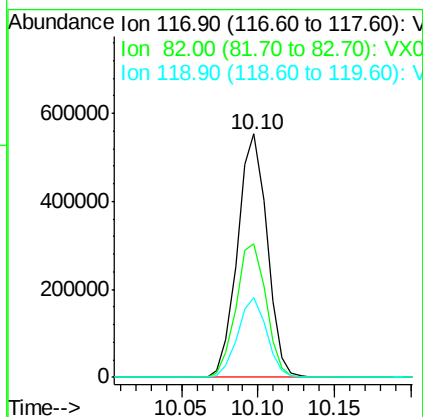
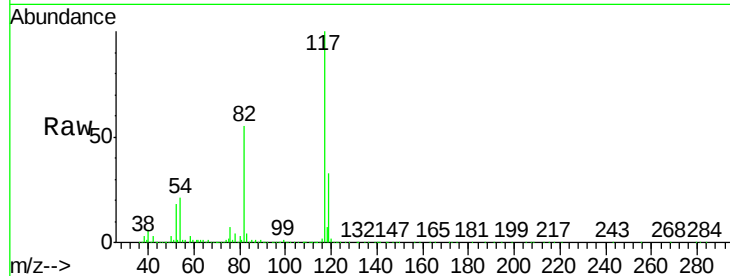




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX017536.D  
Acq: 24 Jul 2020 12:42

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Tgt Ion:117 Resp: 742239  
Ion Ratio Lower Upper  
117 100  
82 54.9 44.0 66.0  
119 32.9 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX017536.D  
Acq: 24 Jul 2020 12:42

Tgt Ion:152 Resp: 376121  
Ion Ratio Lower Upper  
152 100  
115 58.7 65.5 196.6#  
150 159.0 0.0 412.6

