

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081821\  
 Data File : VX023809.D  
 Acq On : 18 Aug 2021 12:18  
 Operator : JC/MD  
 Sample : M3433-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-TT-VPB-RW7-TB-20210811

Quant Time: Aug 18 13:43:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 11:57:51 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.562  | 168  | 137477   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 234144   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 212742   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 84297    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 96758    | 50.428   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 100.860% |
| 35) Dibromofluoromethane    | 5.397  | 113   | 76015    | 49.050   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.100%  |
| 50) Toluene-d8              | 8.653  | 98    | 283775   | 48.111   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 96.220%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 95536    | 43.998   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 88.000%  |

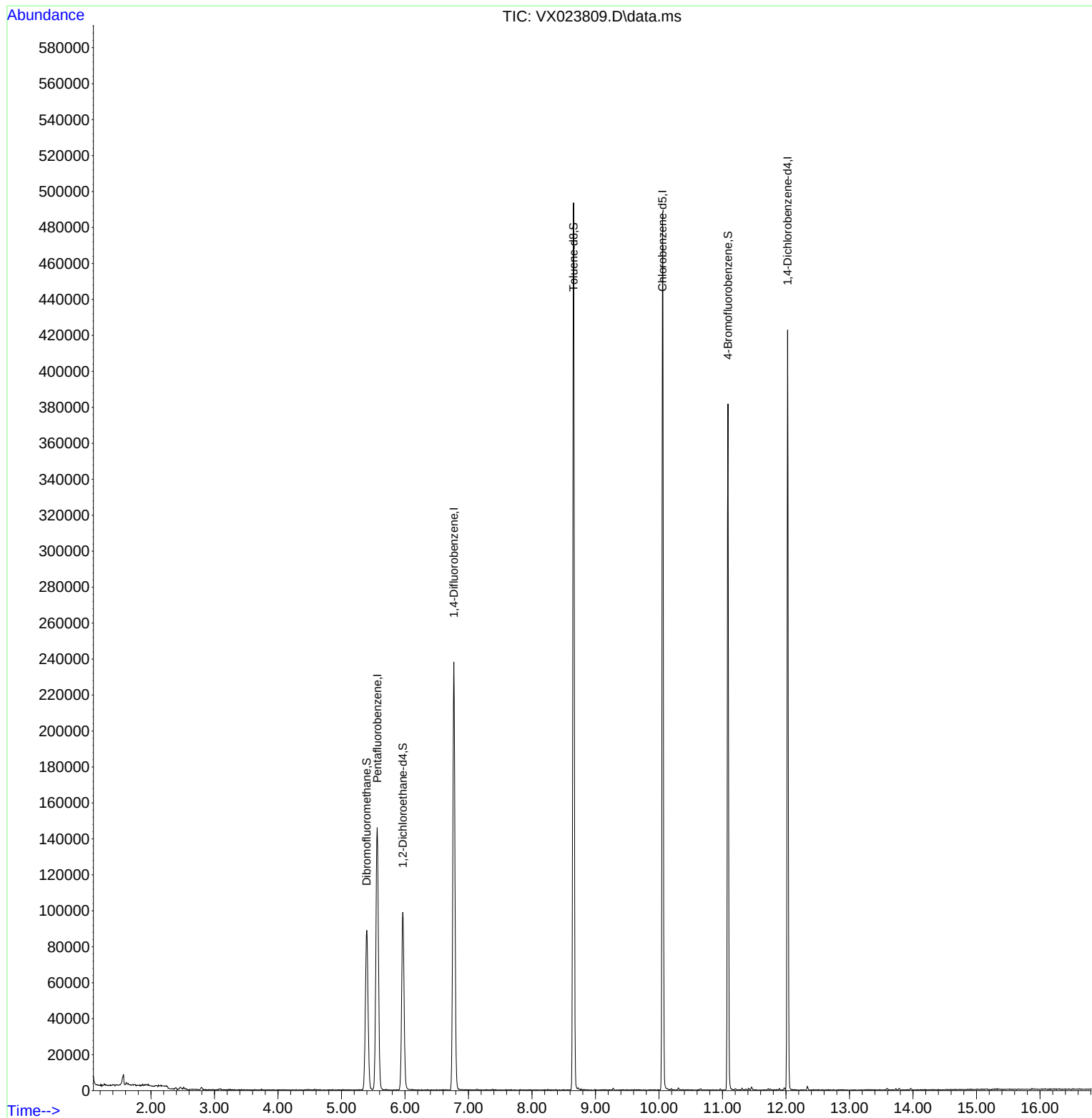
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

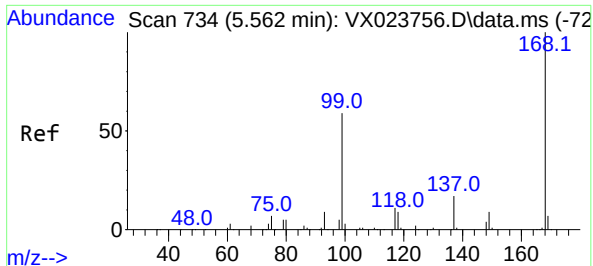
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081821\  
Data File : VX023809.D  
Acq On : 18 Aug 2021 12:18  
Operator : JC/MD  
Sample : M3433-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW7-TB-20210811

Quant Time: Aug 18 13:43:39 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 11:57:51 2021  
Response via : Initial Calibration

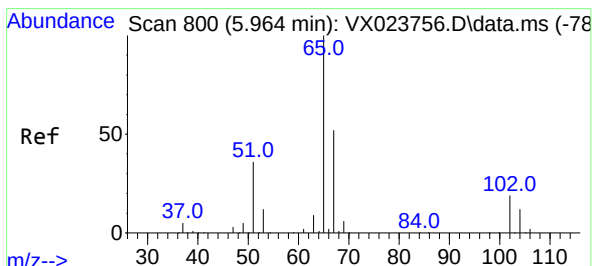
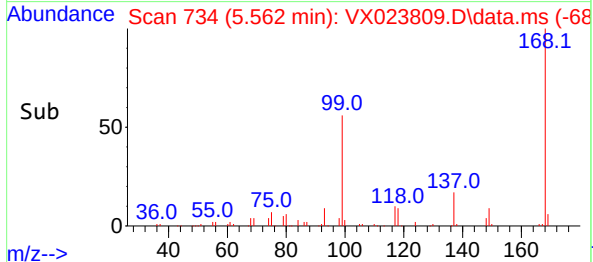
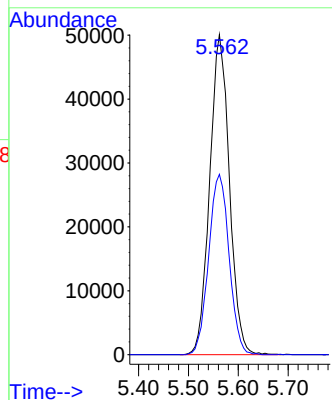
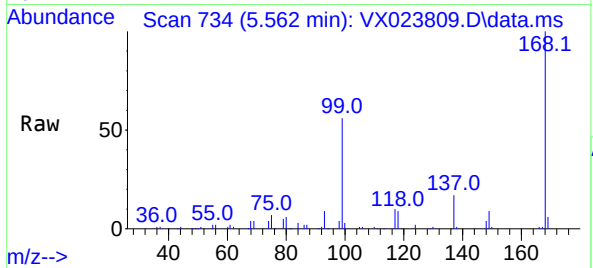




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX023809.D  
Acq: 18 Aug 2021 12:18

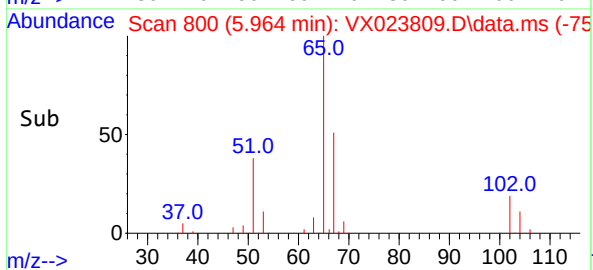
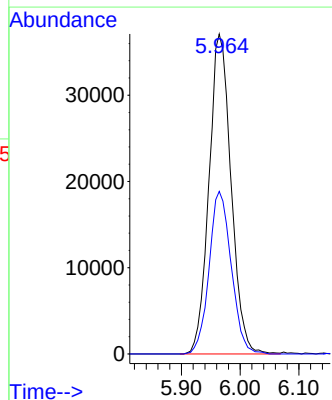
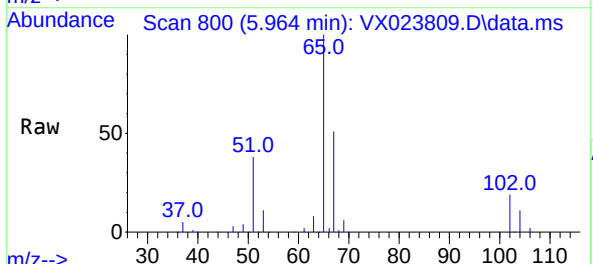
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW7-TB-20210811

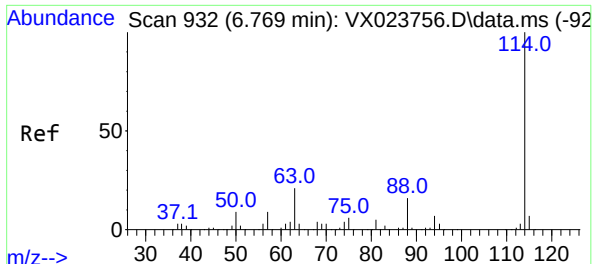
Tgt Ion:168 Resp: 137477  
Ion Ratio Lower Upper  
168 100  
99 56.4 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 50.428 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX023809.D  
Acq: 18 Aug 2021 12:18

Tgt Ion: 65 Resp: 96758  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 105.4

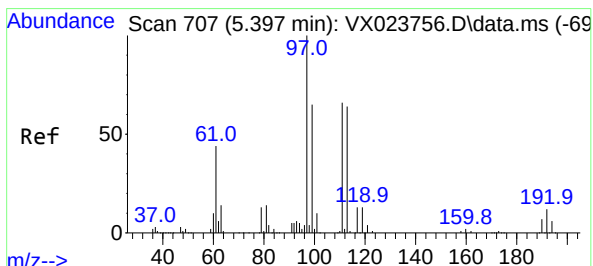
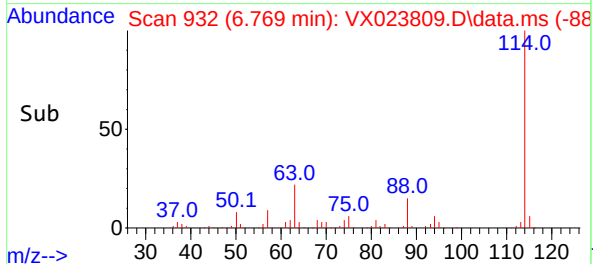
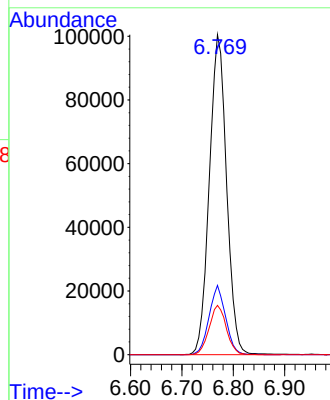
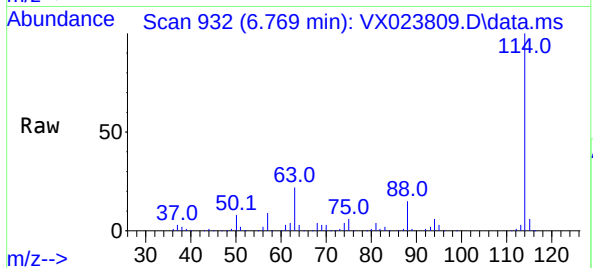




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX023809.D  
Acq: 18 Aug 2021 12:18

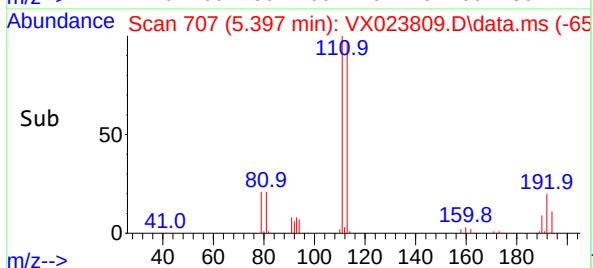
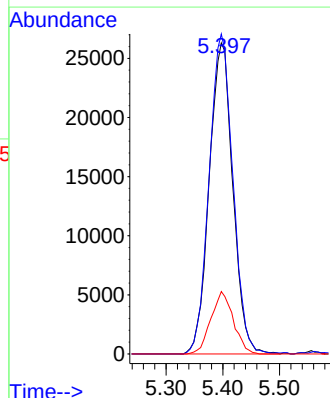
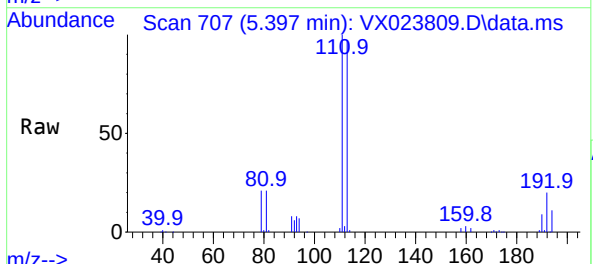
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW7-TB-20210811

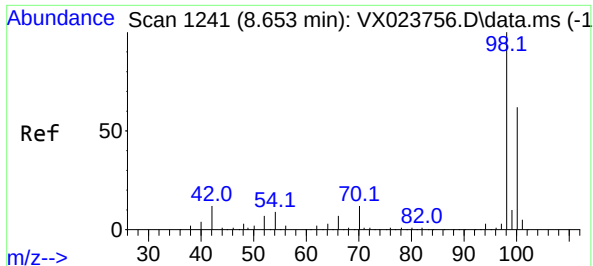
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 234144 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 21.6  | 0.0   | 40.8   |
| 88        | 15.4  | 0.0   | 32.8   |



#35  
Dibromofluoromethane  
Concen: 49.050 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX023809.D  
Acq: 18 Aug 2021 12:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 76015 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 103.3 | 81.9  | 122.9 |
| 192       | 19.1  | 16.7  | 25.1  |

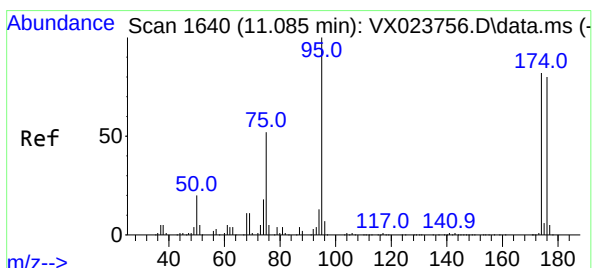
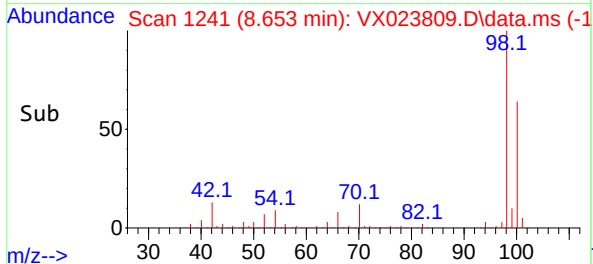
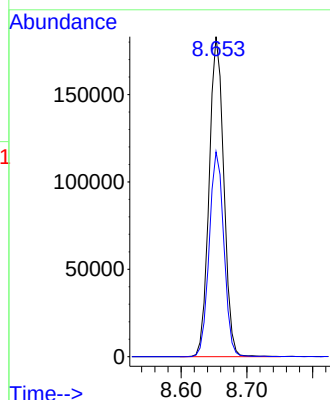
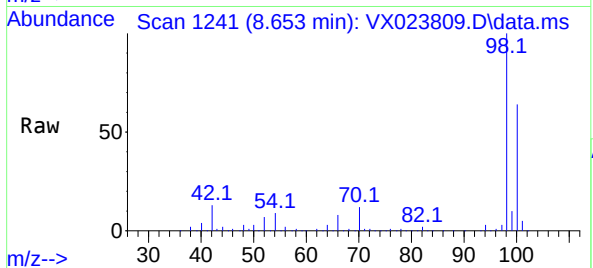




#50  
Toluene-d8  
Concen: 48.111 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX023809.D  
Acq: 18 Aug 2021 12:18

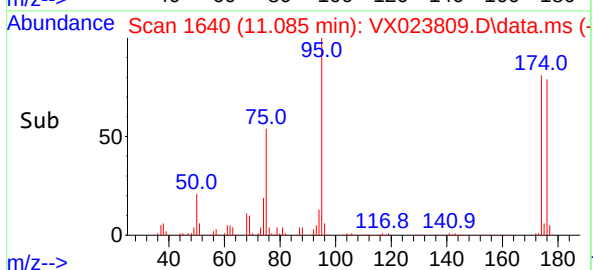
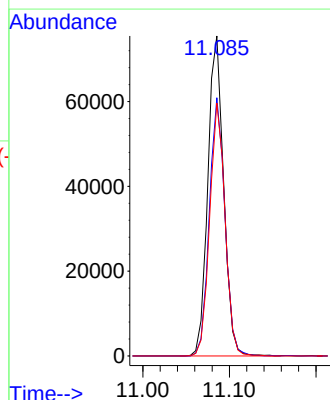
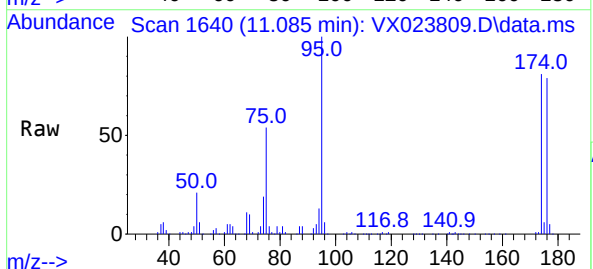
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW7-TB-20210811

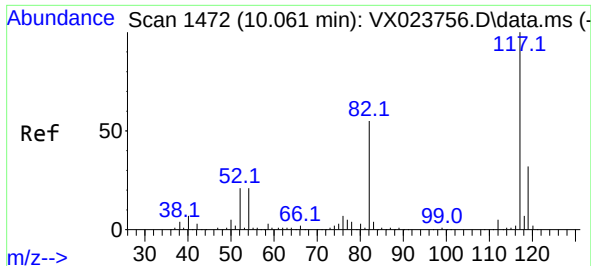
Tgt Ion: 98 Resp: 283775  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 43.998 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023809.D  
Acq: 18 Aug 2021 12:18

Tgt Ion: 95 Resp: 95536  
Ion Ratio Lower Upper  
95 100  
174 79.5 0.0 154.6  
176 76.7 0.0 155.8



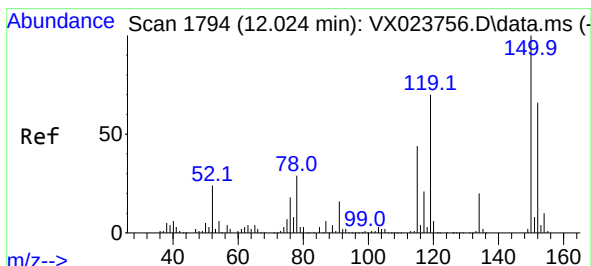
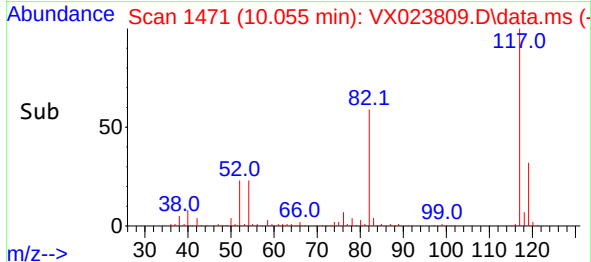
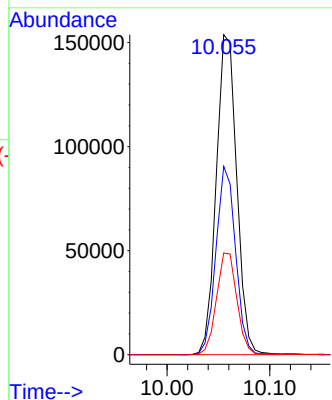
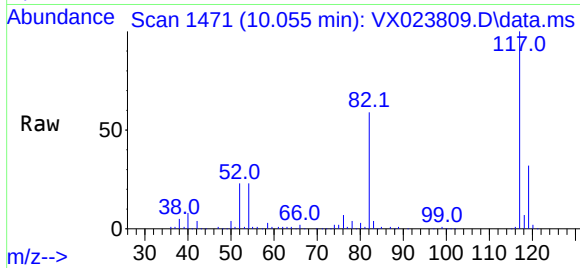


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX023809.D  
Acq: 18 Aug 2021 12:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW7-TB-20210811

Tgt Ion:117 Resp: 212742

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 58.9  | 47.4  | 71.2  |
| 119 | 31.8  | 26.6  | 39.8  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX023809.D  
Acq: 18 Aug 2021 12:18

Tgt Ion:152 Resp: 84297

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 59.7  | 41.1  | 123.3 |
| 150 | 157.1 | 0.0   | 349.0 |

