

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092221\  
 Data File : VX024435.D  
 Acq On : 22 Sep 2021 15:31  
 Operator : JC/MD  
 Sample : M3818-01RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-TT-VPB-RW7-TB-20210914RE

Quant Time: Sep 22 16:22:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 21 10:52:48 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.562  | 168  | 161932   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 254799   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.061 | 117  | 267163   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 113211   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.970  | 65    | 99189    | 42.956   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 85.920%  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 86523    | 50.634   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 101.260% |
| 50) Toluene-d8              | 8.653  | 98    | 268535   | 43.138   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 86.280%# |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 116155   | 47.947   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 95.900%  |

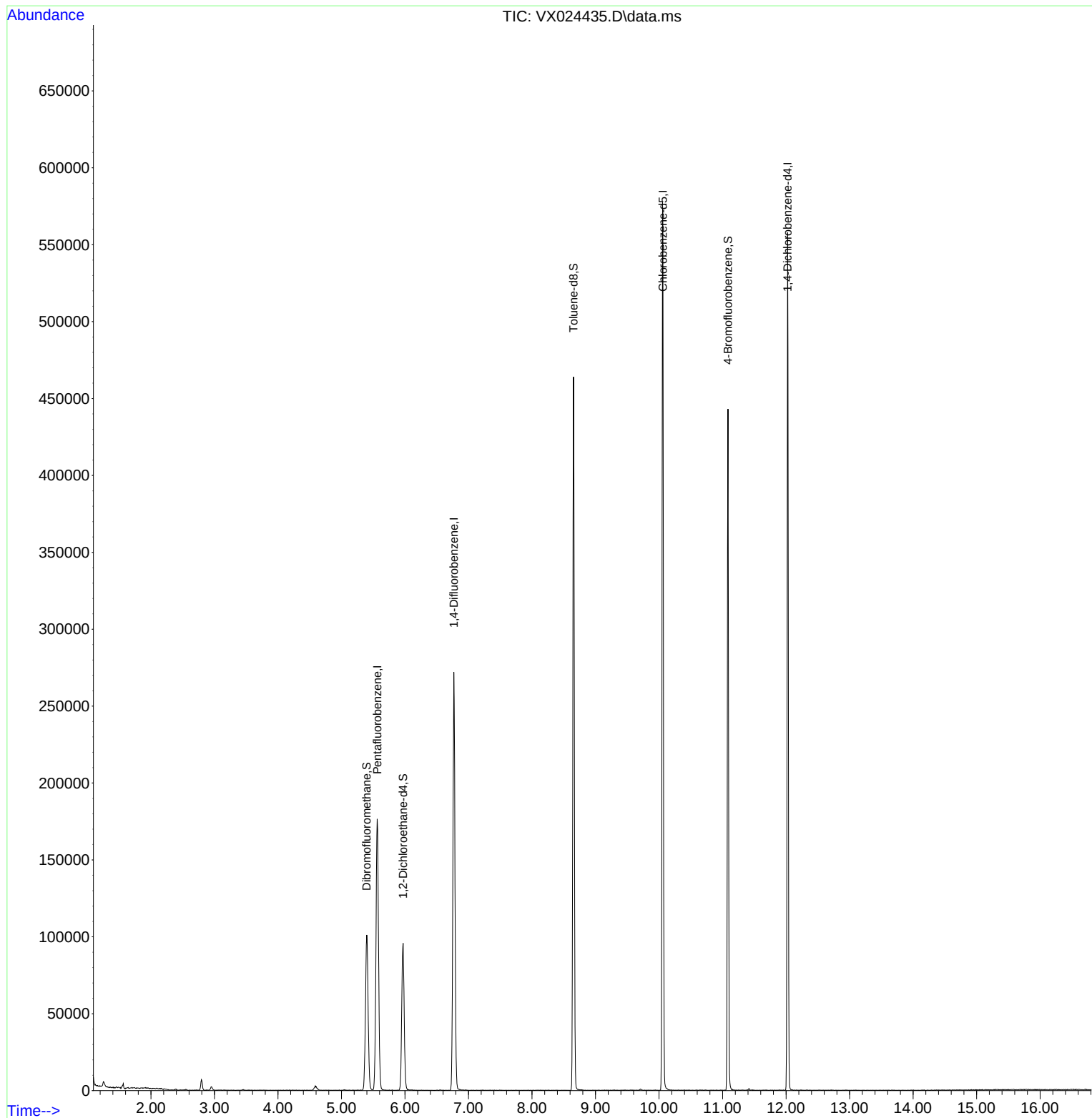
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

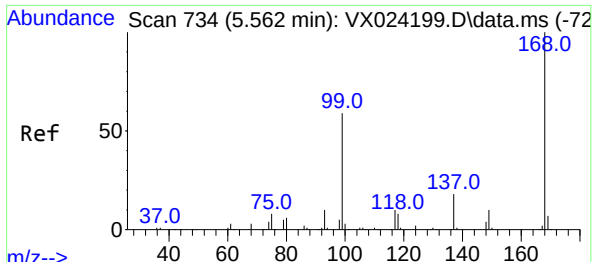
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092221\  
Data File : VX024435.D  
Acq On : 22 Sep 2021 15:31  
Operator : JC/MD  
Sample : M3818-01RE  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW7-TB-20210914RE

Quant Time: Sep 22 16:22:28 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 21 10:52:48 2021  
Response via : Initial Calibration

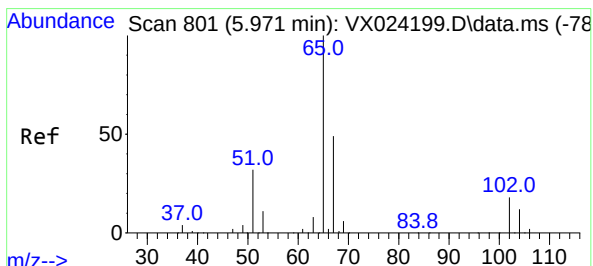
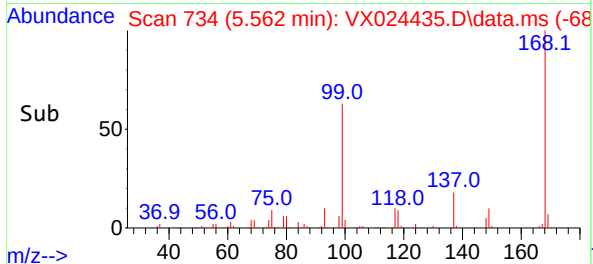
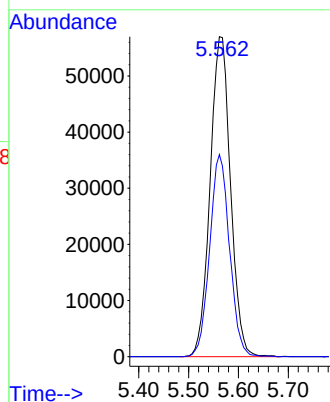
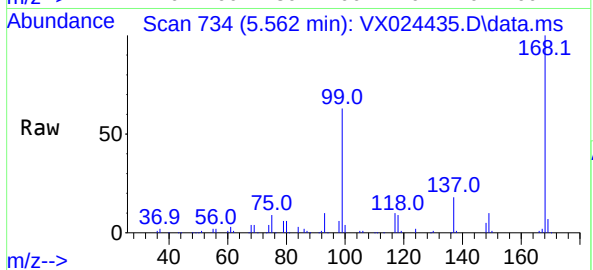




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX024435.D  
Acq: 22 Sep 2021 15:31

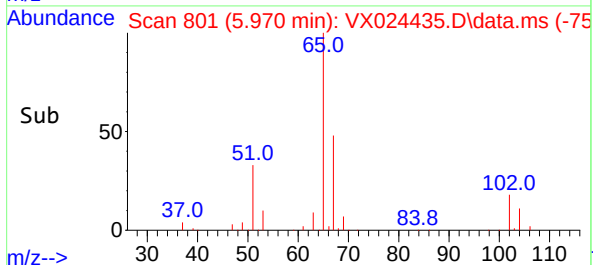
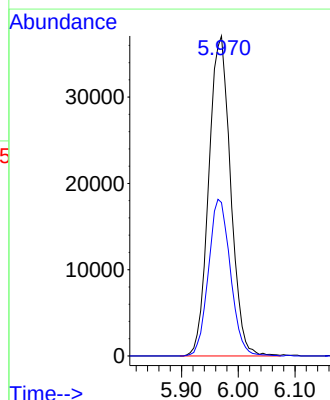
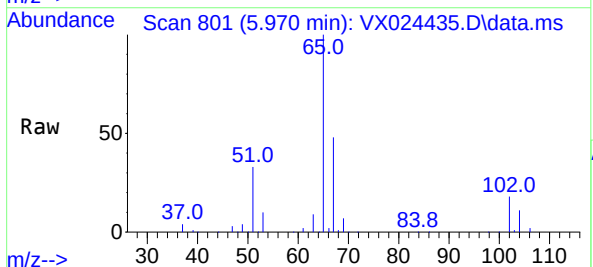
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW7-TB-20210914RE

Tgt Ion:168 Resp: 161932  
Ion Ratio Lower Upper  
168 100  
99 63.1 45.8 68.6

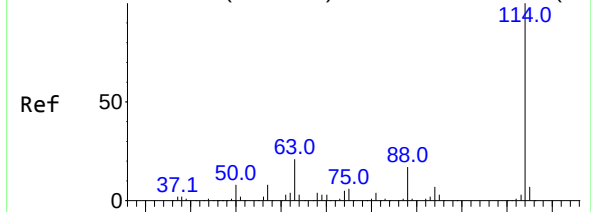


#33  
1,2-Dichloroethane-d4  
Concen: 42.956 ug/l  
RT: 5.970 min Scan# 801  
Delta R.T. -0.001 min  
Lab File: VX024435.D  
Acq: 22 Sep 2021 15:31

Tgt Ion: 65 Resp: 99189  
Ion Ratio Lower Upper  
65 100  
67 49.3 0.0 105.4

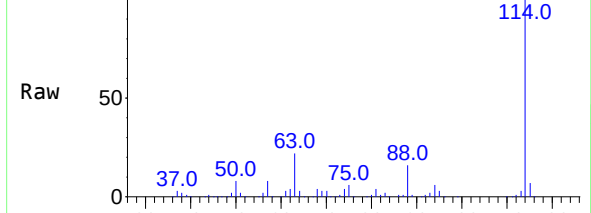


Abundance Scan 932 (6.769 min): VX024199.D\data.ms (-92



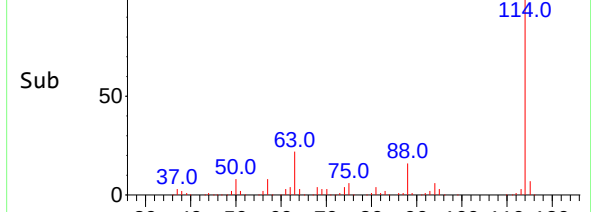
m/z-->

Abundance Scan 932 (6.769 min): VX024435.D\data.ms



m/z-->

Abundance Scan 932 (6.769 min): VX024435.D\data.ms (-88



m/z-->

#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX024435.D

Acq: 22 Sep 2021 15:31

Tgt Ion:114 Resp: 254799

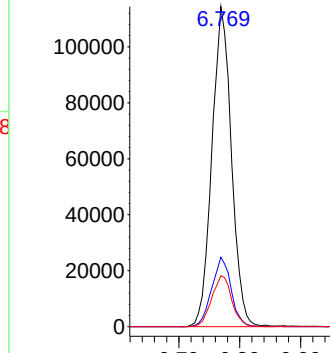
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.8

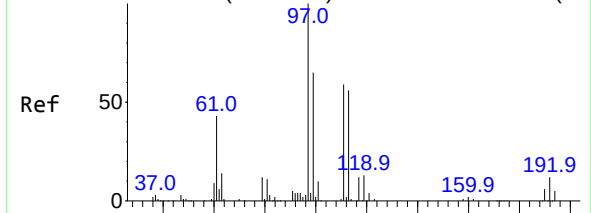
88 15.9 0.0 32.8

Abundance



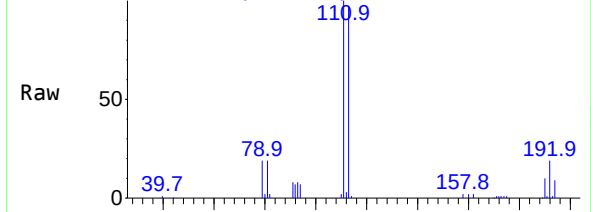
Time-->

Abundance Scan 707 (5.397 min): VX024199.D\data.ms (-69



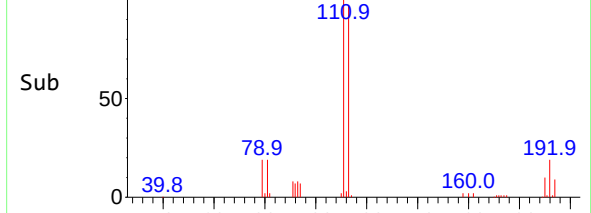
m/z-->

Abundance Scan 707 (5.397 min): VX024435.D\data.ms



m/z-->

Abundance Scan 707 (5.397 min): VX024435.D\data.ms (-65



m/z-->

#35

Dibromofluoromethane

Concen: 50.634 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024435.D

Acq: 22 Sep 2021 15:31

Tgt Ion:113 Resp: 86523

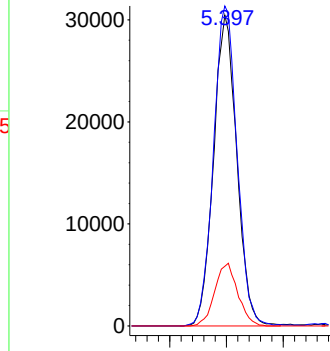
Ion Ratio Lower Upper

113 100

111 104.9 81.9 122.9

192 20.0 16.7 25.1

Abundance



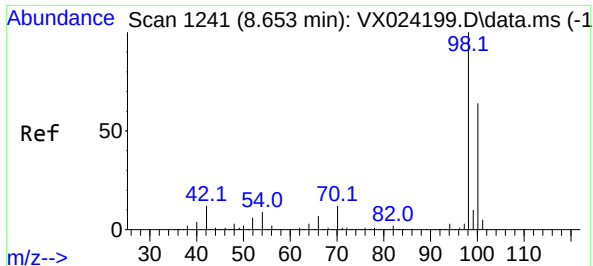
Time-->

Instrument :

MSVOA\_X

ClientSampleId :

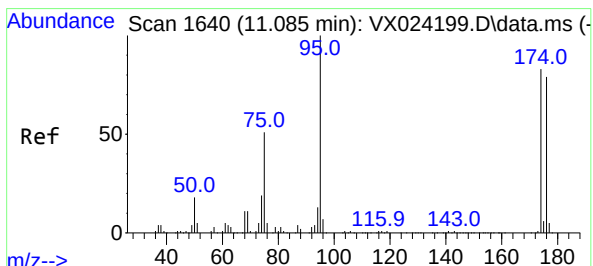
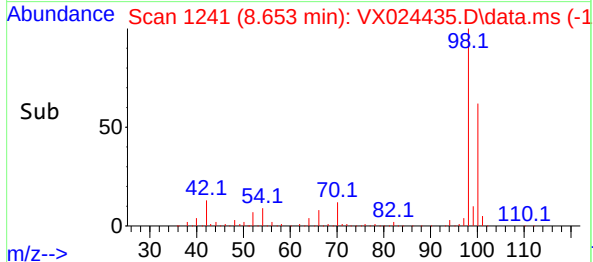
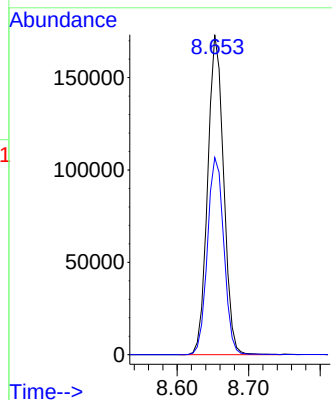
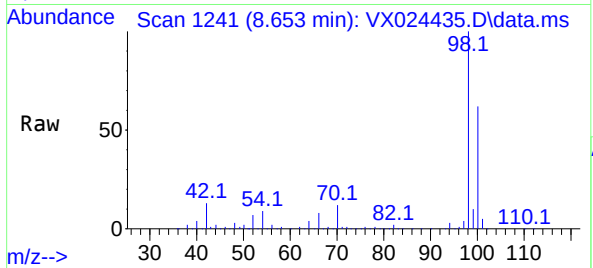
BP-TT-VPB-RW7-TB-20210914RE



#50  
Toluene-d8  
Concen: 43.138 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024435.D  
Acq: 22 Sep 2021 15:31

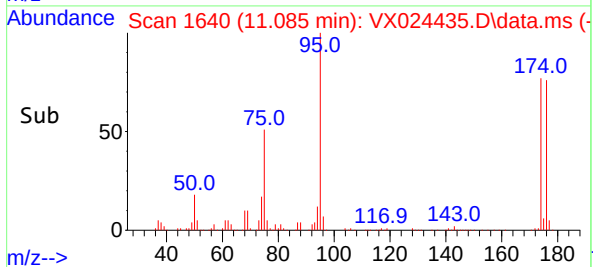
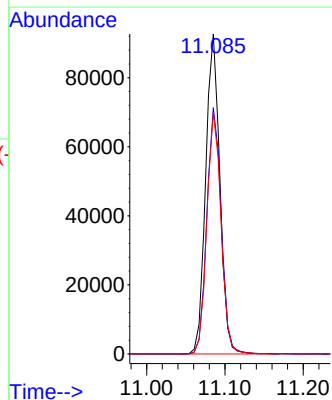
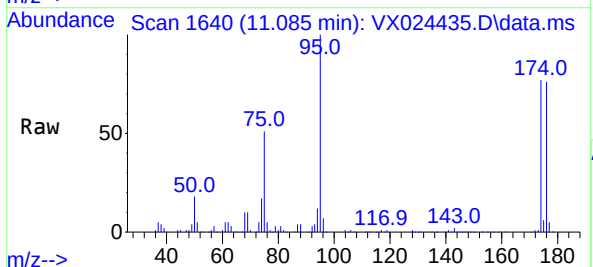
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW7-TB-20210914RE

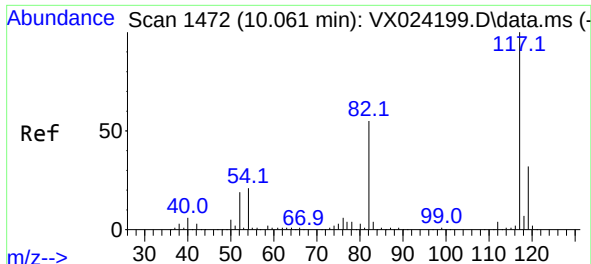
Tgt Ion: 98 Resp: 268535  
Ion Ratio Lower Upper  
98 100  
100 63.4 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 47.947 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024435.D  
Acq: 22 Sep 2021 15:31

Tgt Ion: 95 Resp: 116155  
Ion Ratio Lower Upper  
95 100  
174 78.1 0.0 154.6  
176 75.4 0.0 155.8

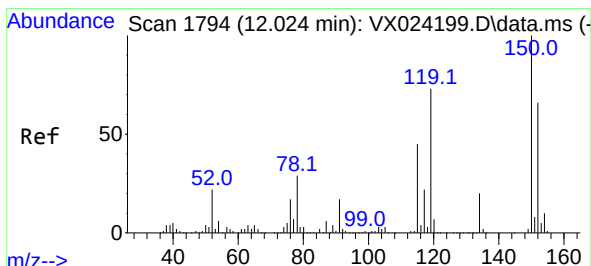
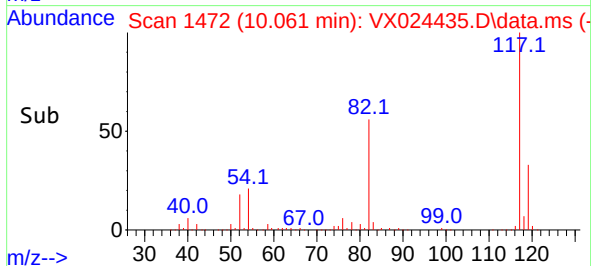
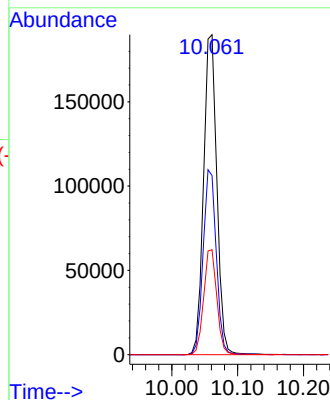
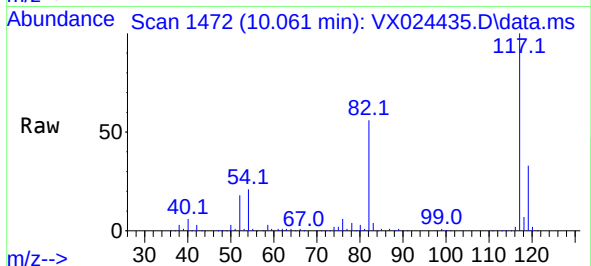




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VX024435.D  
Acq: 22 Sep 2021 15:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW7-TB-20210914RE

Tgt Ion:117 Resp: 267163  
Ion Ratio Lower Upper  
117 100  
82 55.9 47.4 71.2  
119 32.8 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: VX024435.D  
Acq: 22 Sep 2021 15:31

Tgt Ion:152 Resp: 113211  
Ion Ratio Lower Upper  
152 100  
115 60.7 41.1 123.3  
150 158.8 0.0 349.0

