

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092121\  
 Data File : VX024397.D  
 Acq On : 21 Sep 2021 19:34  
 Operator : JC/MD  
 Sample : M3818-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Sep 22 04:52:51 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  | 155206   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 277946   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 263258   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 97525    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.971  | 65    | 115821   | 52.332   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 104.660% |
| 35) Dibromofluoromethane    | 5.397  | 113   | 91246    | 48.951   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 97.900%  |
| 50) Toluene-d8              | 8.653  | 98    | 343757   | 50.623   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 101.240% |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 105649   | 39.978   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 79.960%# |

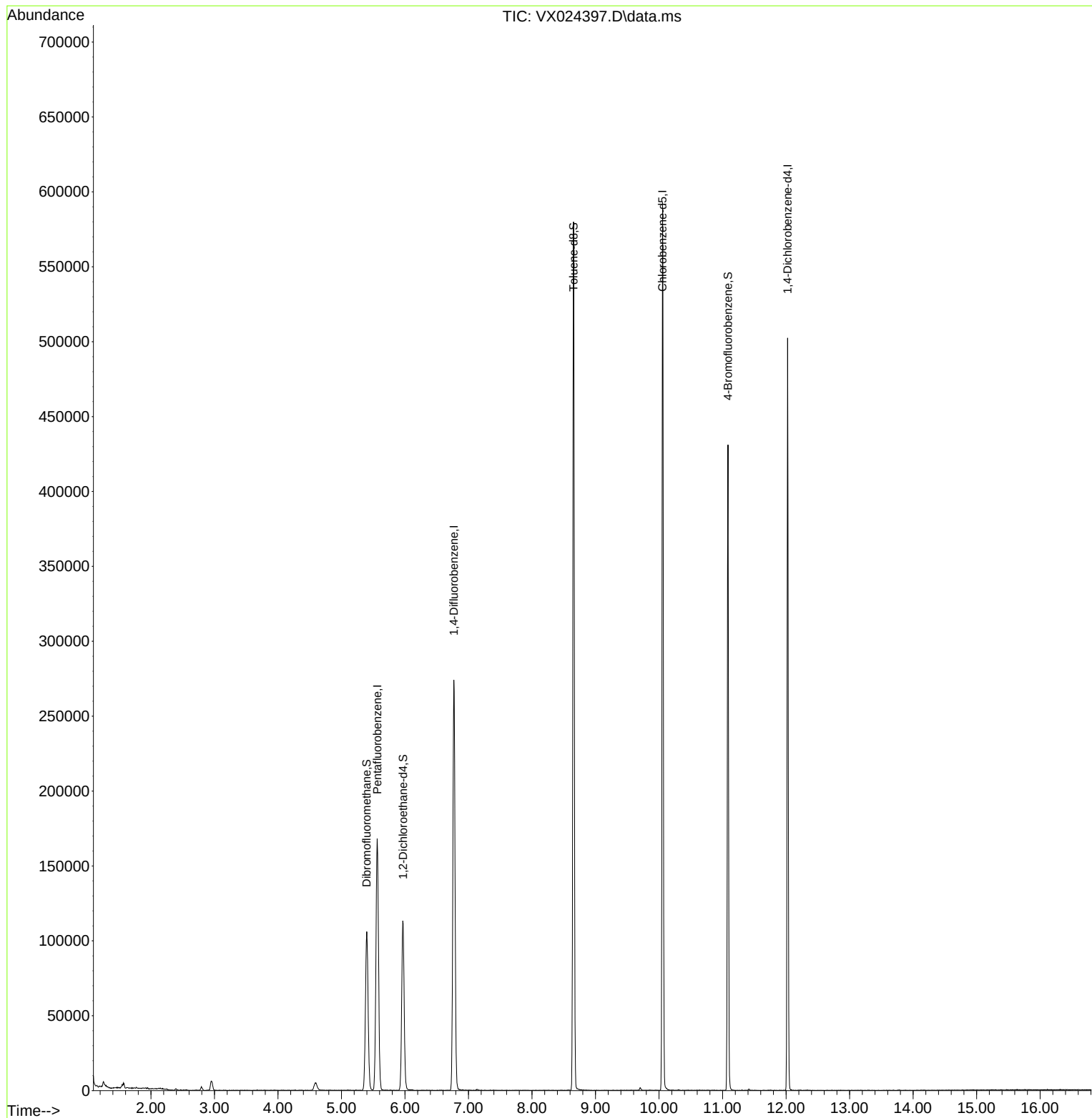
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

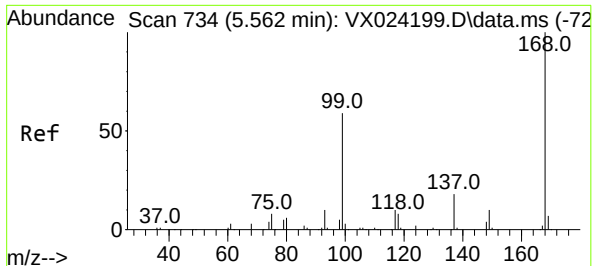
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Sep 21 10:52:48 2021  
Response via : Initial Calibration

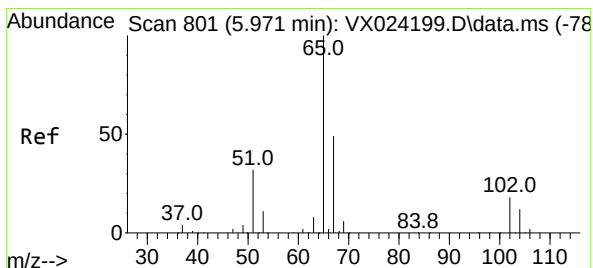
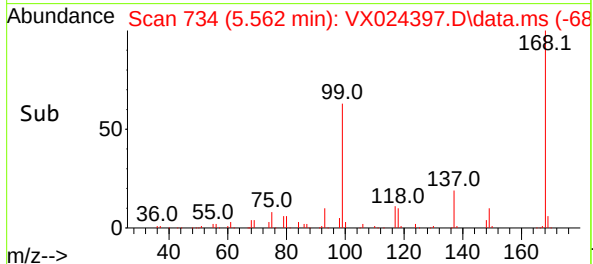
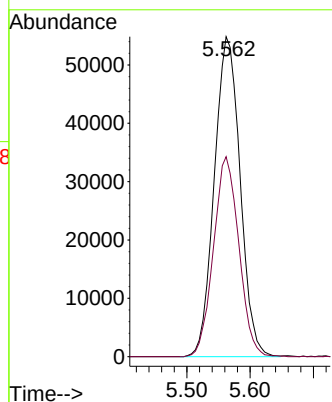
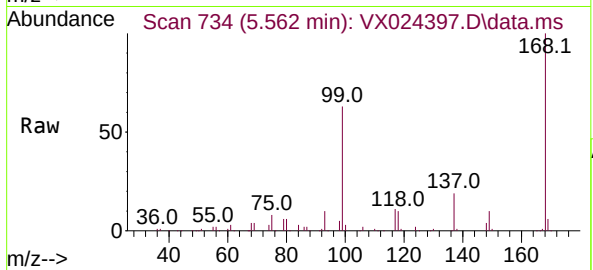




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX024397.D  
Acq: 21 Sep 2021 19:34

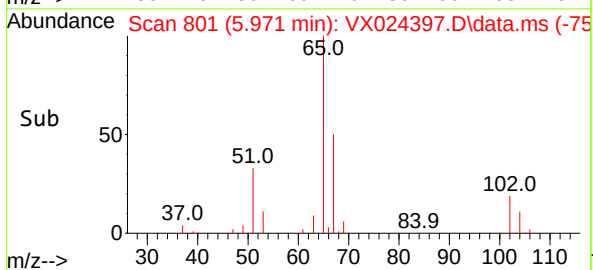
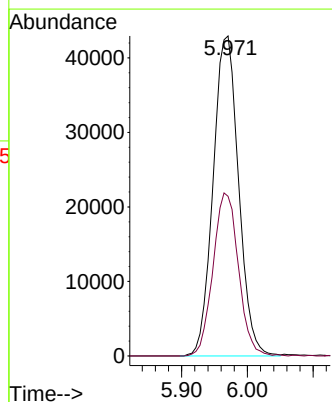
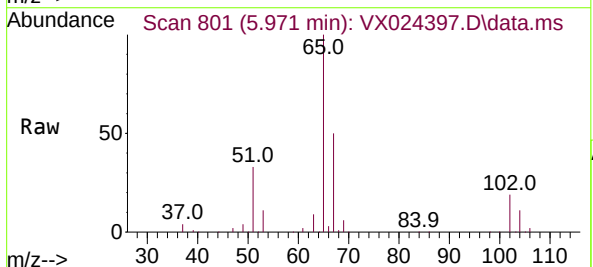
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW7-TB-20210914

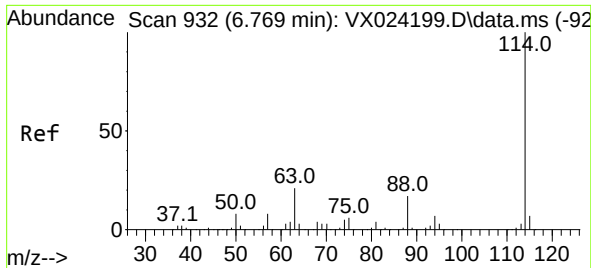
Tgt Ion:168 Resp: 155206  
Ion Ratio Lower Upper  
168 100  
99 62.5 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 52.332 ug/l  
RT: 5.971 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: VX024397.D  
Acq: 21 Sep 2021 19:34

Tgt Ion: 65 Resp: 115821  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 105.4

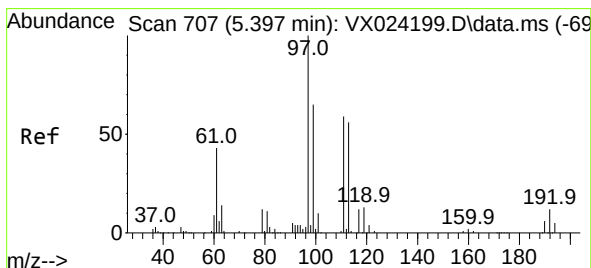
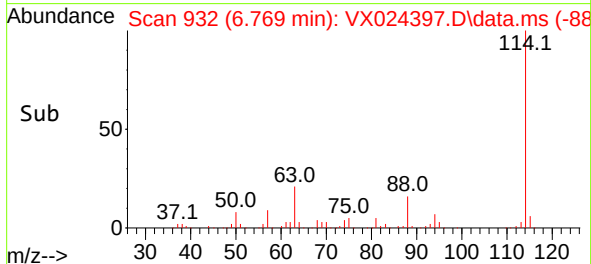
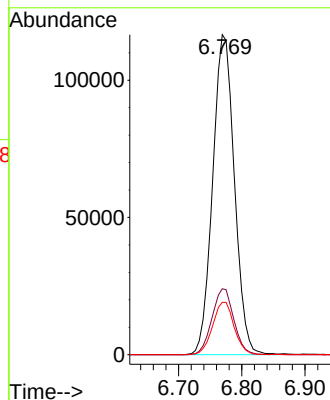
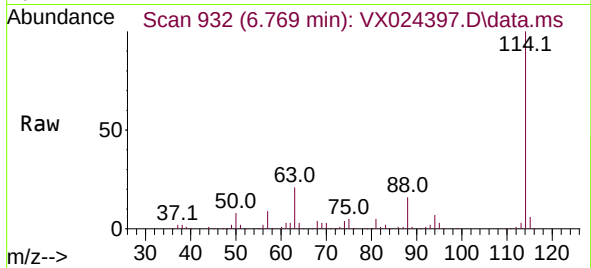




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX024397.D  
Acq: 21 Sep 2021 19:34

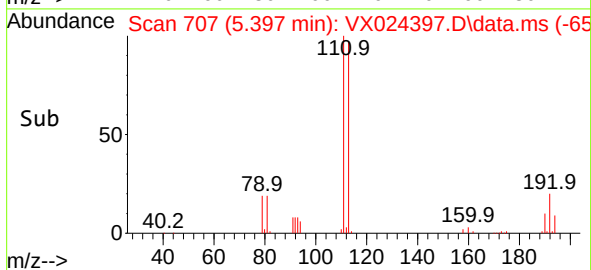
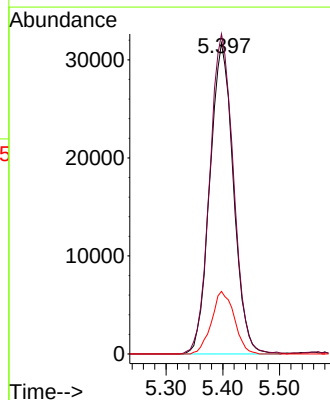
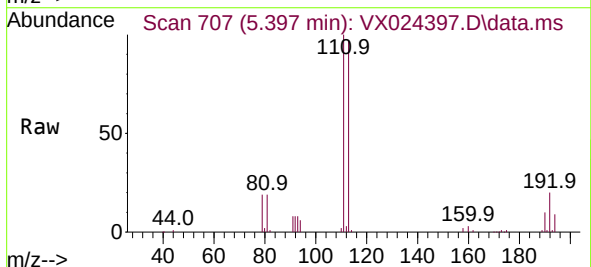
Instrument :  
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ClientSampleId :  
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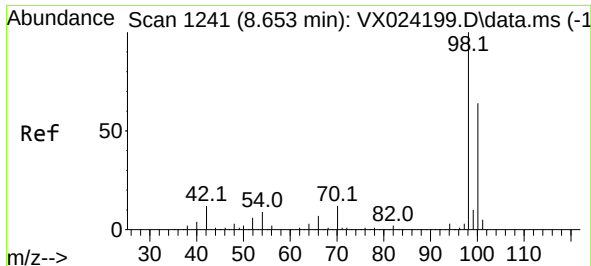
Tgt Ion:114 Resp: 277946  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 40.8  
88 16.3 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 48.951 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024397.D  
Acq: 21 Sep 2021 19:34

Tgt Ion:113 Resp: 91246  
Ion Ratio Lower Upper  
113 100  
111 104.4 81.9 122.9  
192 19.5 16.7 25.1

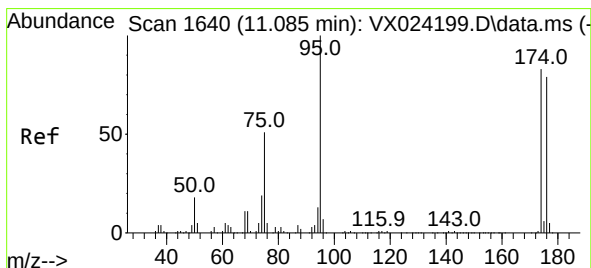
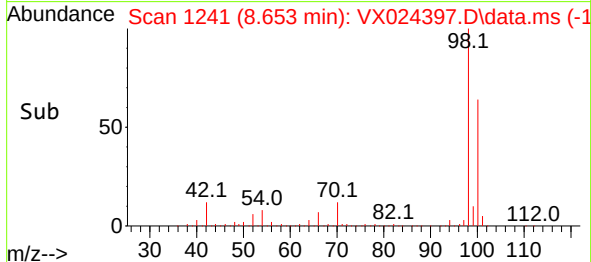
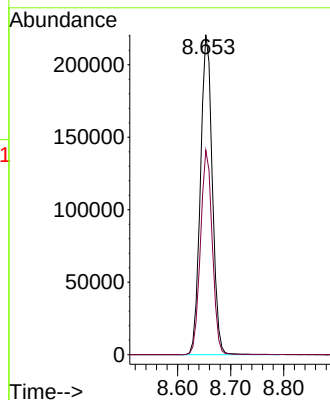
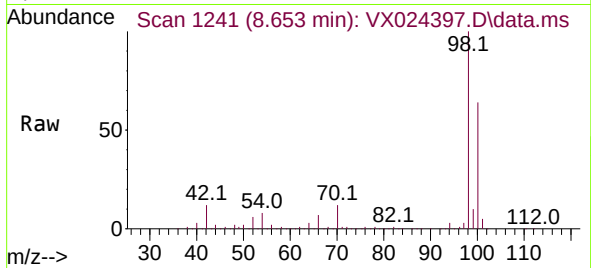




#50  
Toluene-d8  
Concen: 50.623 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024397.D  
Acq: 21 Sep 2021 19:34

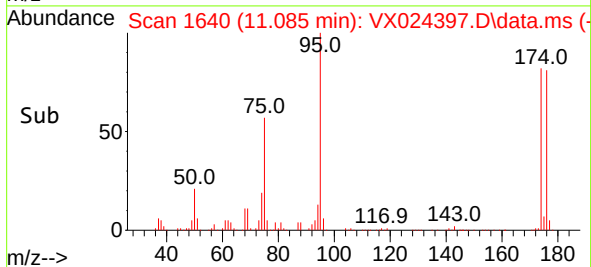
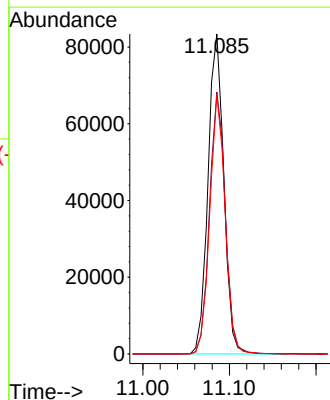
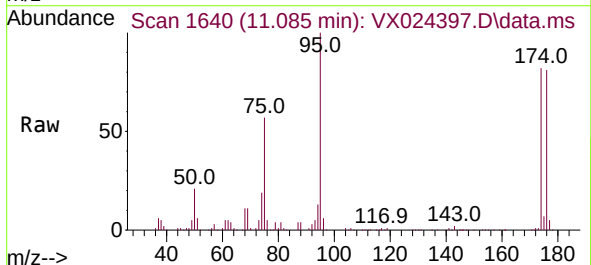
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MSVOA\_X  
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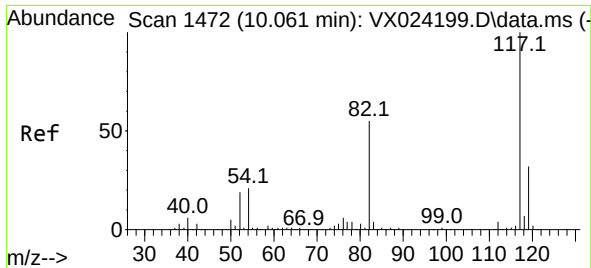
Tgt Ion: 98 Resp: 343757  
Ion Ratio Lower Upper  
98 100  
100 63.6 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 39.978 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024397.D  
Acq: 21 Sep 2021 19:34

Tgt Ion: 95 Resp: 105649  
Ion Ratio Lower Upper  
95 100  
174 81.9 0.0 154.6  
176 78.6 0.0 155.8

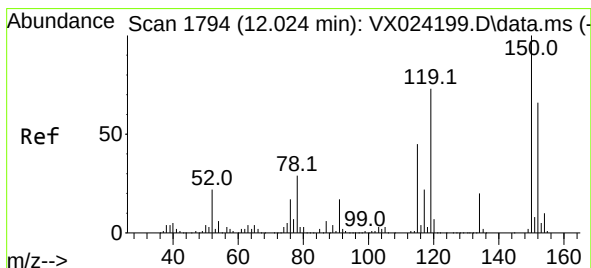
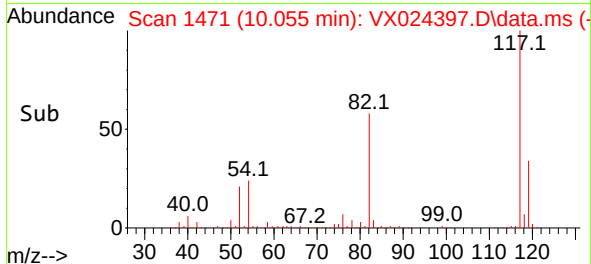
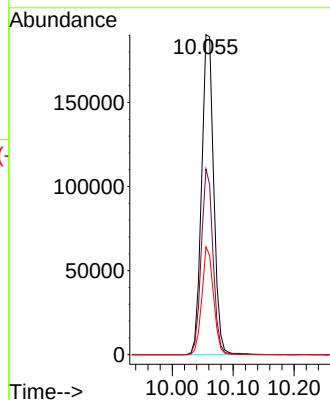
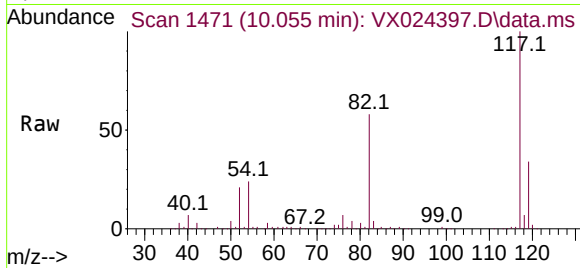




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX024397.D  
Acq: 21 Sep 2021 19:34

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

Tgt Ion:117 Resp: 263258  
Ion Ratio Lower Upper  
117 100  
82 58.0 47.4 71.2  
119 33.7 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: VX024397.D  
Acq: 21 Sep 2021 19:34

Tgt Ion:152 Resp: 97525  
Ion Ratio Lower Upper  
152 100  
115 59.6 41.1 123.3  
150 154.8 0.0 349.0

