

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083121\  
 Data File : VX024049.D  
 Acq On : 31 Aug 2021 17:11  
 Operator : JC/MD  
 Sample : M3581-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Sep 01 05:04:44 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  | 140806   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 241045   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 224317   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 85195    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 105562   | 53.715   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 107.440% |
| 35) Dibromofluoromethane    | 5.397  | 113   | 79795    | 50.015   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 100.040% |
| 50) Toluene-d8              | 8.653  | 98    | 298934   | 49.230   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 98.460%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 100268   | 44.856   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 89.720%  |

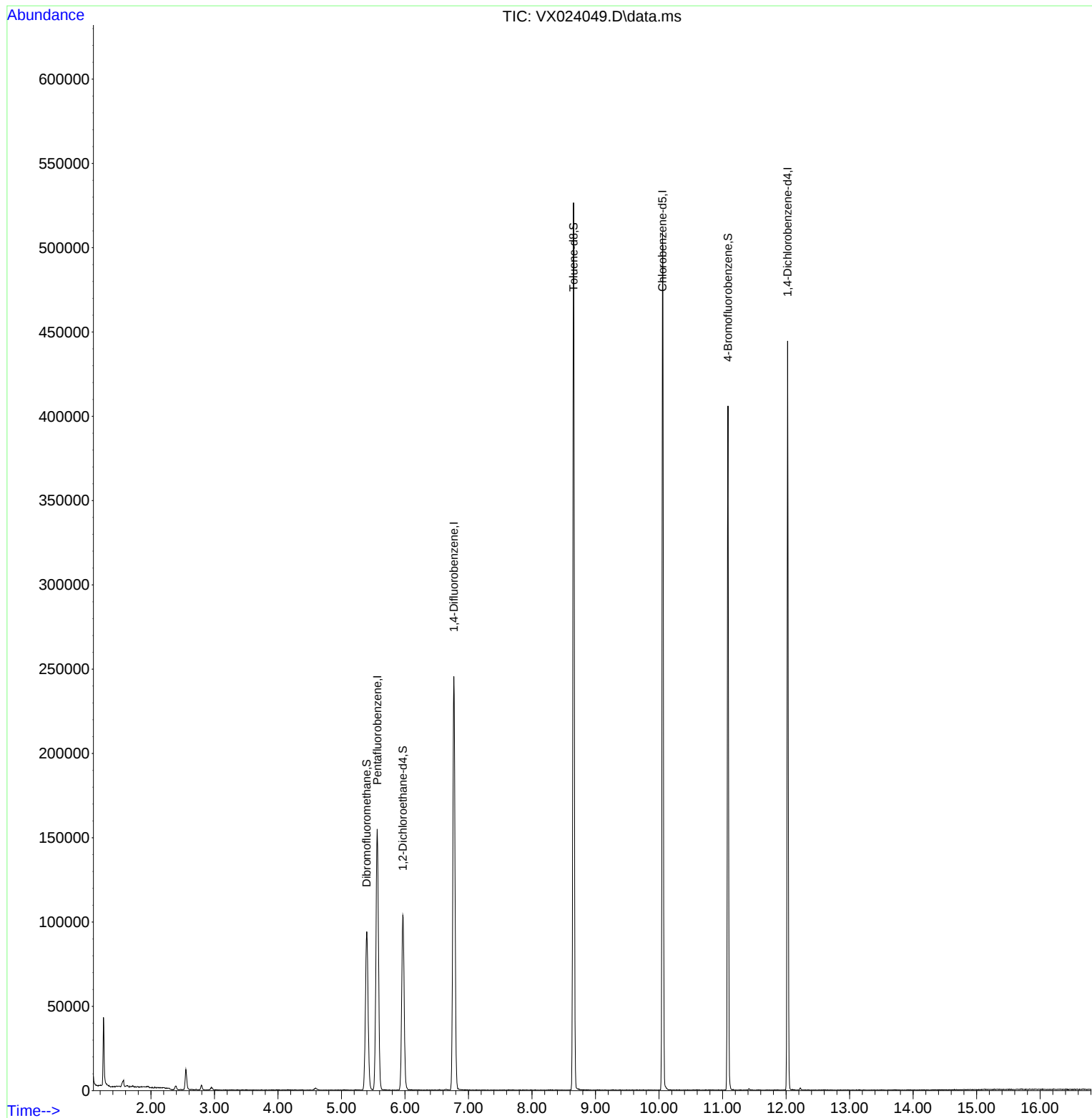
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

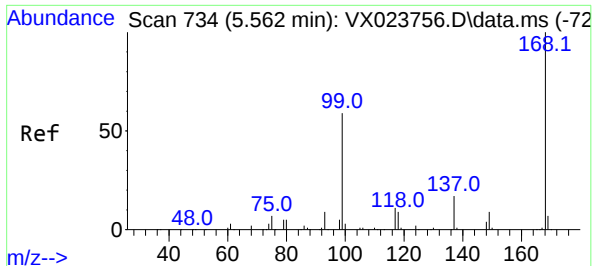
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 17 11:57:51 2021  
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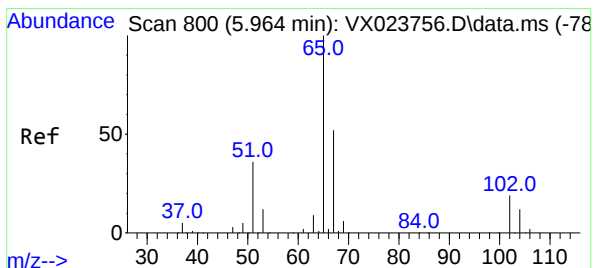
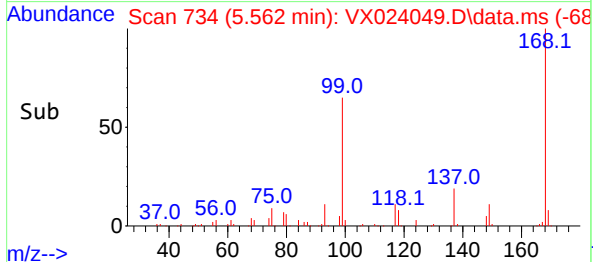
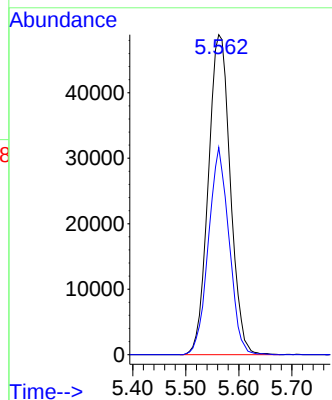
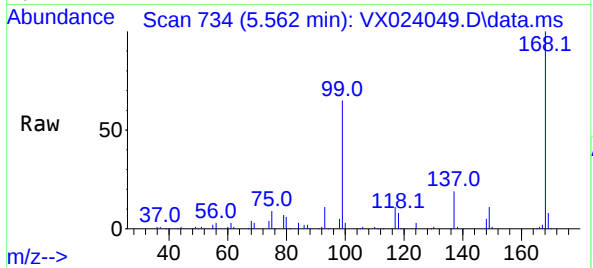




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX024049.D  
Acq: 31 Aug 2021 17:11

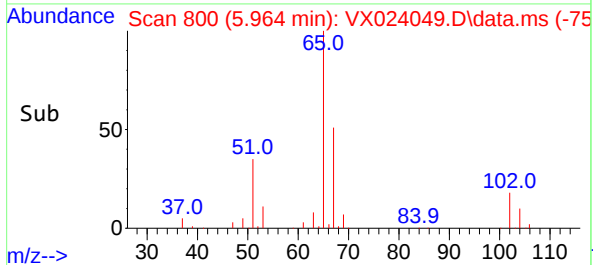
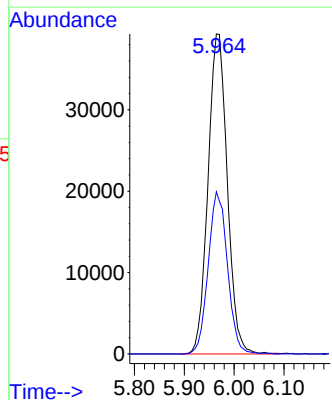
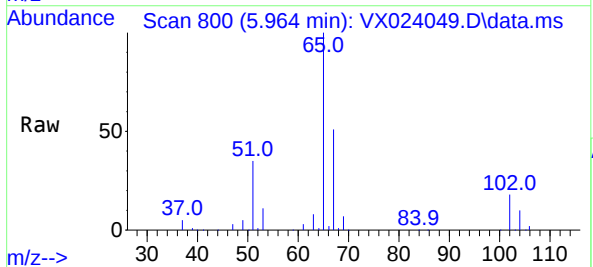
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

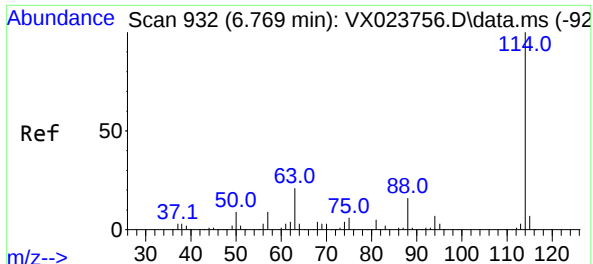
Tgt Ion:168 Resp: 140806  
Ion Ratio Lower Upper  
168 100  
99 64.7 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 53.715 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX024049.D  
Acq: 31 Aug 2021 17:11

Tgt Ion: 65 Resp: 105562  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 105.4

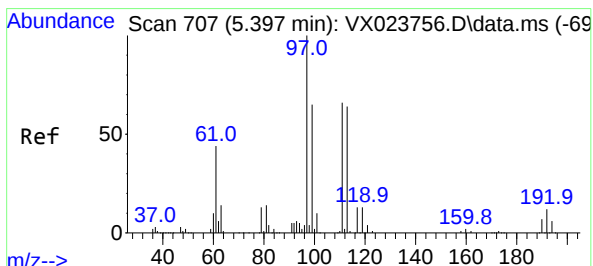
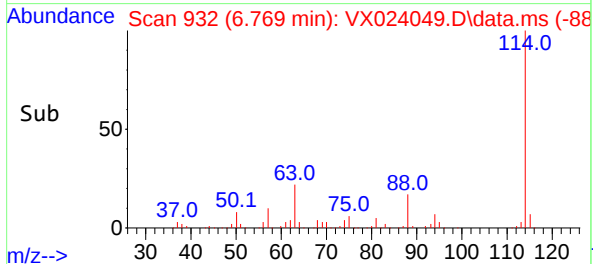
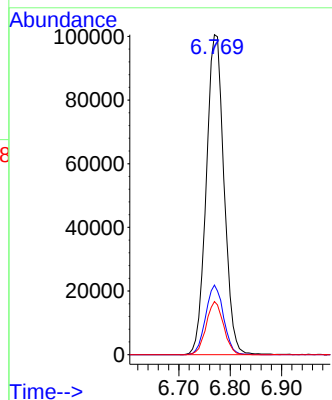
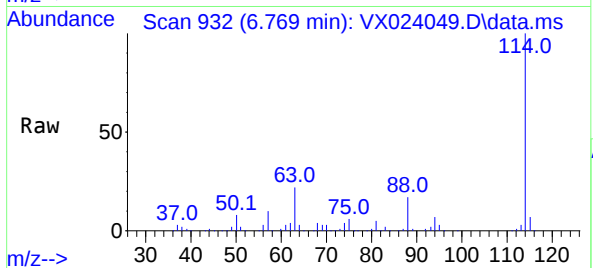




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX024049.D  
Acq: 31 Aug 2021 17:11

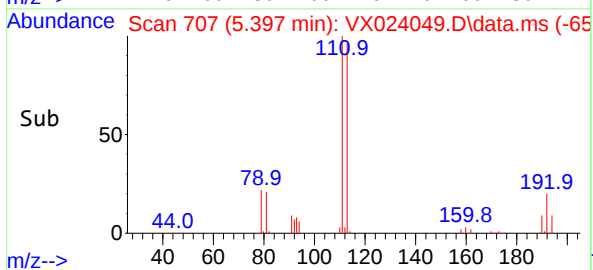
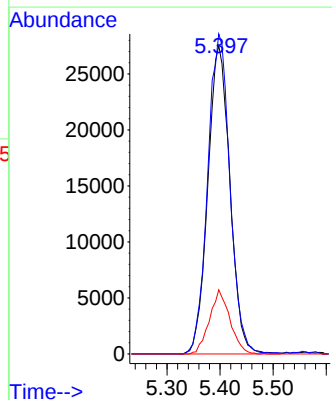
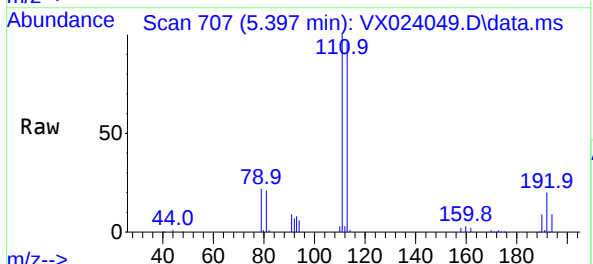
Instrument :  
MSVOA\_X  
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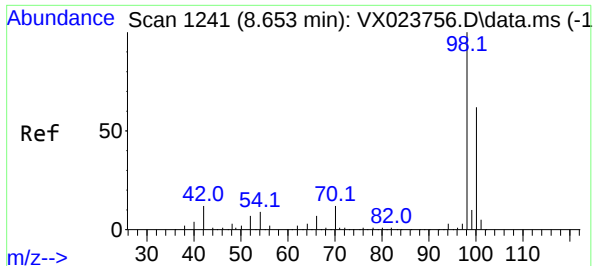
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 241045 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 21.7  | 0.0   | 40.8   |
| 88        | 16.6  | 0.0   | 32.8   |



#35  
Dibromofluoromethane  
Concen: 50.015 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024049.D  
Acq: 31 Aug 2021 17:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 79795 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 104.2 | 81.9  | 122.9 |
| 192       | 19.2  | 16.7  | 25.1  |

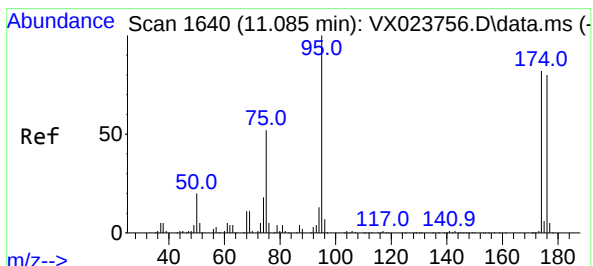
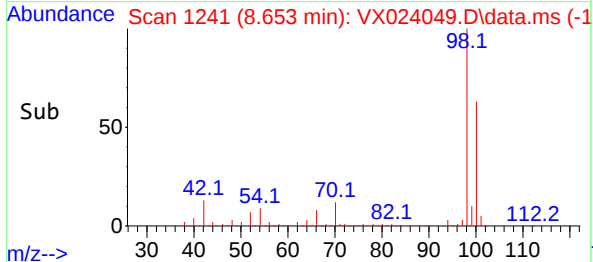
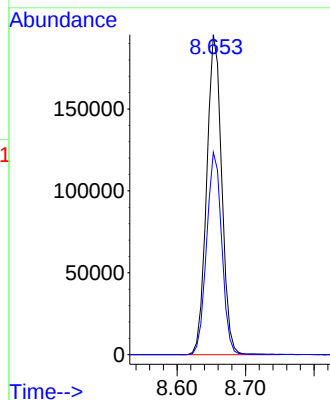
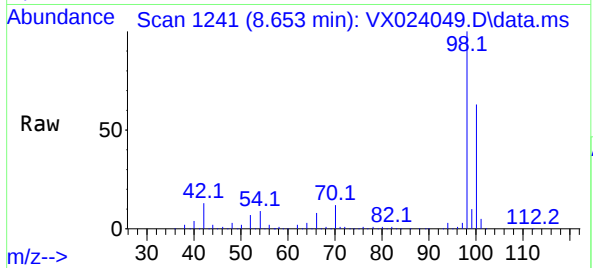




#50  
Toluene-d8  
Concen: 49.230 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024049.D  
Acq: 31 Aug 2021 17:11

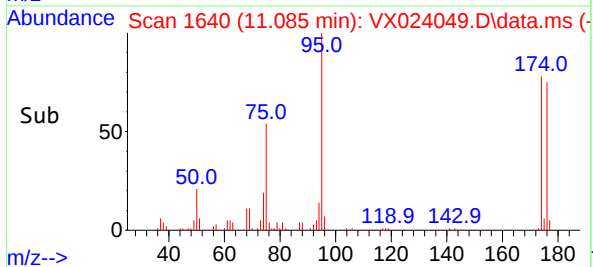
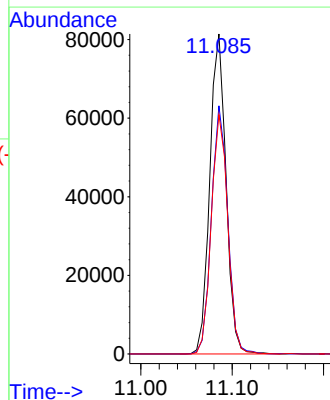
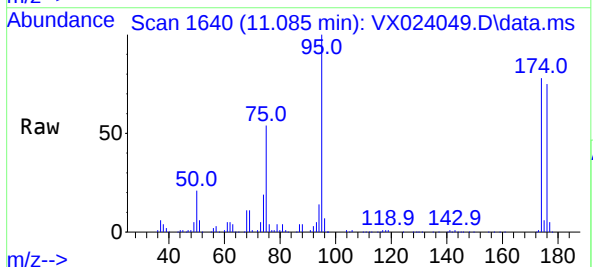
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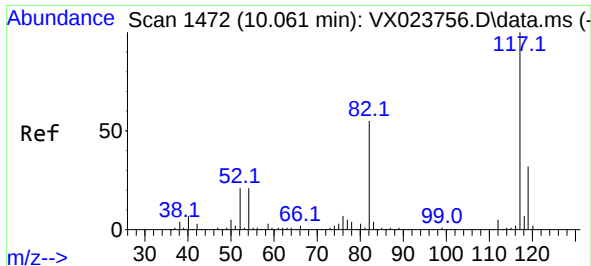
Tgt Ion: 98 Resp: 298934  
Ion Ratio Lower Upper  
98 100  
100 63.7 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 44.856 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024049.D  
Acq: 31 Aug 2021 17:11

Tgt Ion: 95 Resp: 100268  
Ion Ratio Lower Upper  
95 100  
174 78.1 0.0 154.6  
176 76.0 0.0 155.8

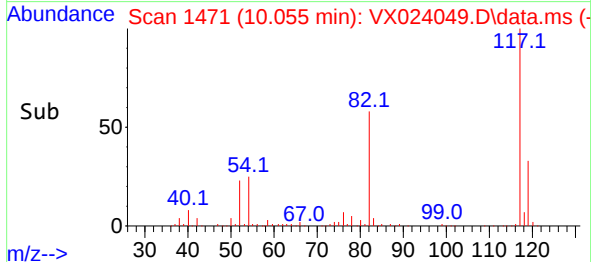
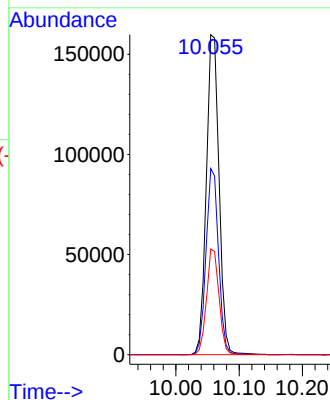
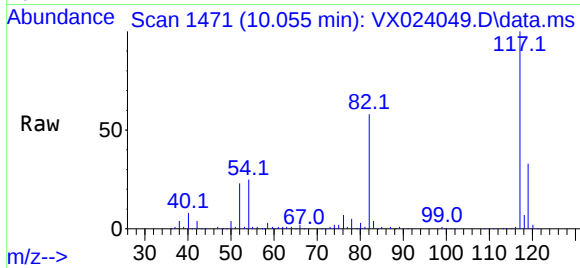




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX024049.D  
Acq: 31 Aug 2021 17:11

Instrument :  
MSVOA\_X  
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Tgt Ion:117 Resp: 224317  
Ion Ratio Lower Upper  
117 100  
82 58.2 47.4 71.2  
119 33.0 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: VX024049.D  
Acq: 31 Aug 2021 17:11

Tgt Ion:152 Resp: 85195  
Ion Ratio Lower Upper  
152 100  
115 59.6 41.1 123.3  
150 155.1 0.0 349.0

