

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012324\  
 Data File : VX039905.D  
 Acq On : 23 Jan 2024 13:17  
 Operator : JC/MD  
 Sample : P1222-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-191-TB-20240119

Quant Time: Jan 24 02:31:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 03:51:26 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 78055    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 141225   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 134719   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 66116    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 61897    | 47.339   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 94.680% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 47357    | 49.786   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.580% |
| 50) Toluene-d8              | 8.647  | 98    | 175690   | 48.972   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 97.940% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 69015    | 49.194   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 98.380% |

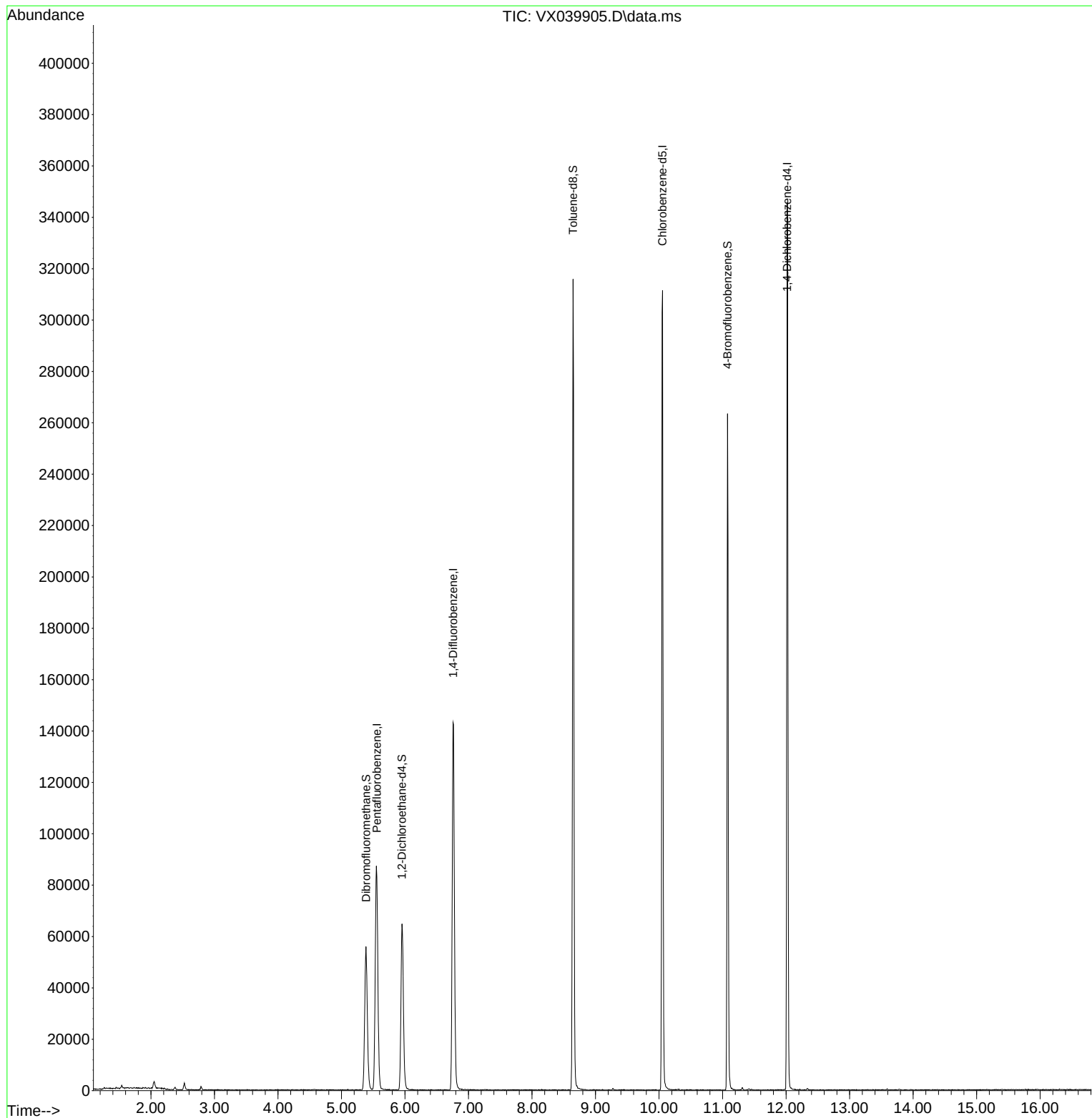
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

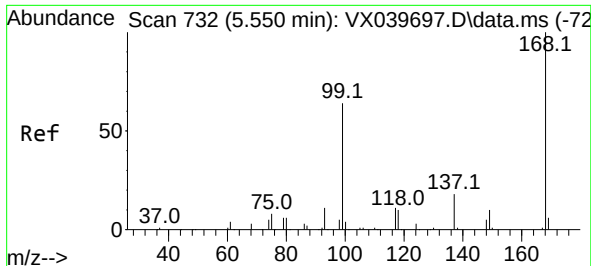
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
BP-VPB-191-TB-20240119

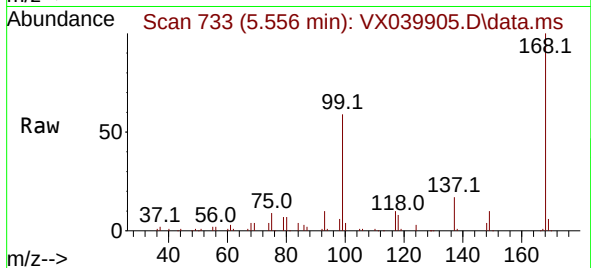
Quant Time: Jan 24 02:31:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:51:26 2024  
Response via : Initial Calibration



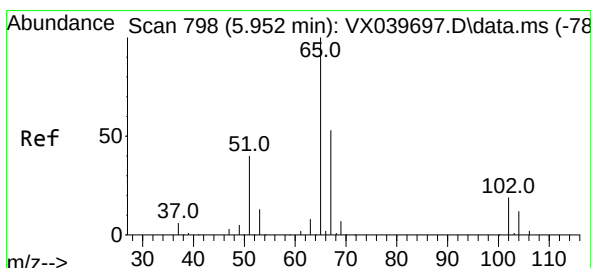
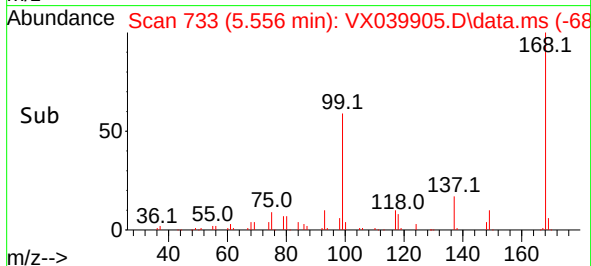
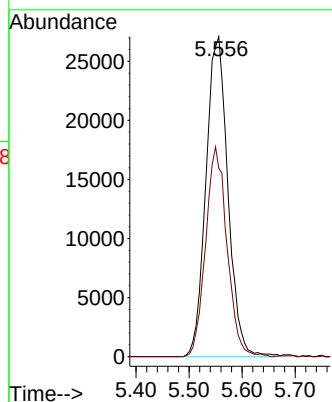


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. 0.006 min  
Lab File: VX039905.D  
Acq: 23 Jan 2024 13:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-191-TB-20240119

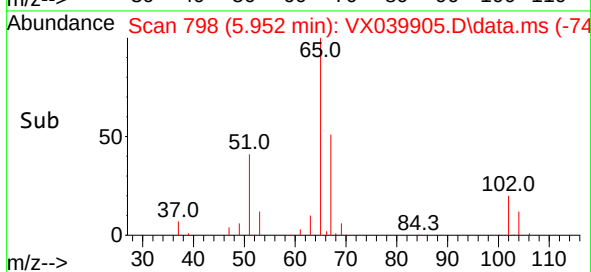
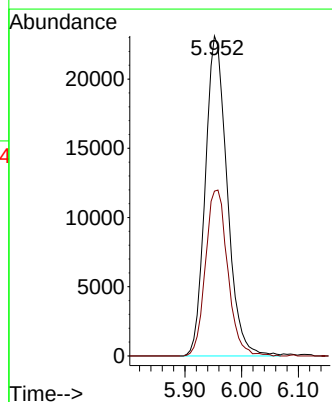
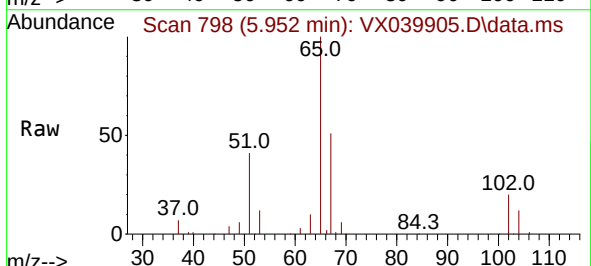


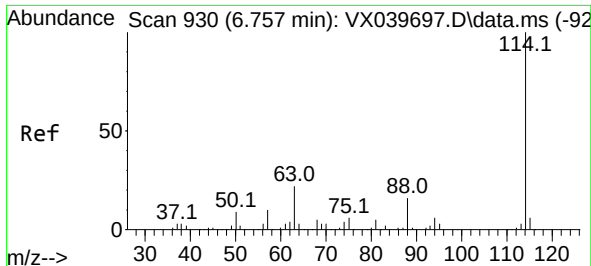
Tgt Ion:168 Resp: 78055  
Ion Ratio Lower Upper  
168 100  
99 58.9 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 47.339 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX039905.D  
Acq: 23 Jan 2024 13:17

Tgt Ion: 65 Resp: 61897  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 100.2

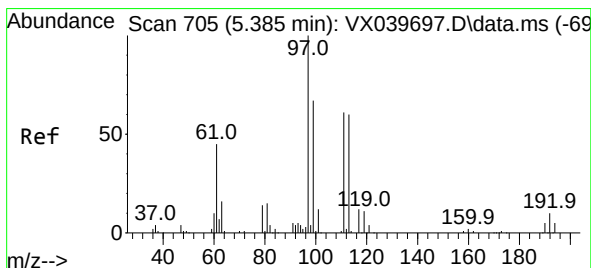
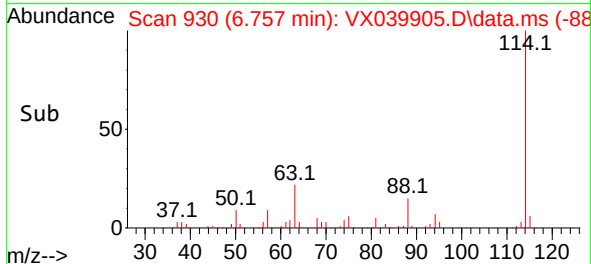
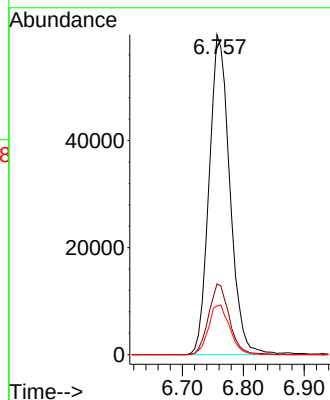
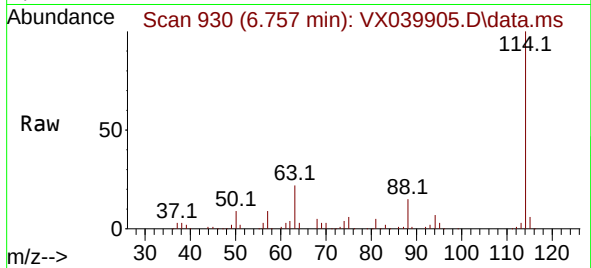




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX039905.D  
Acq: 23 Jan 2024 13:17

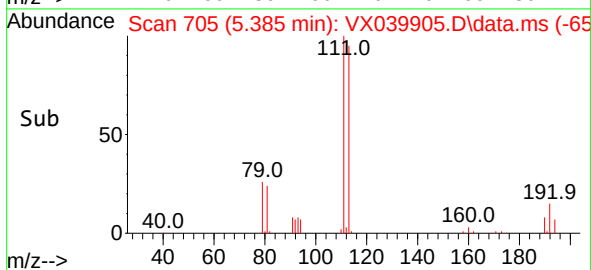
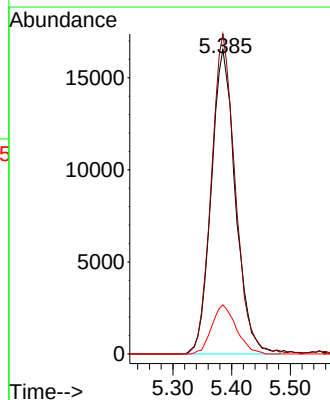
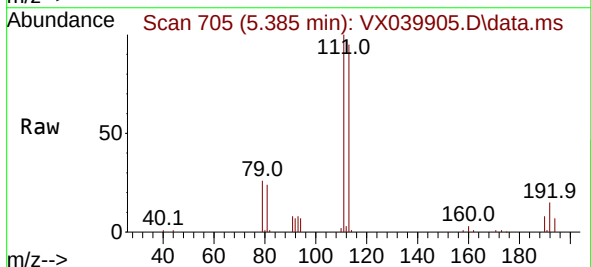
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-191-TB-20240119

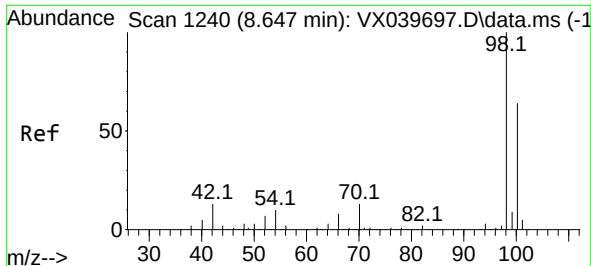
Tgt Ion:114 Resp: 141225  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 45.0  
88 15.2 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 49.786 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX039905.D  
Acq: 23 Jan 2024 13:17

Tgt Ion:113 Resp: 47357  
Ion Ratio Lower Upper  
113 100  
111 104.0 82.9 124.3  
192 16.3 13.3 19.9

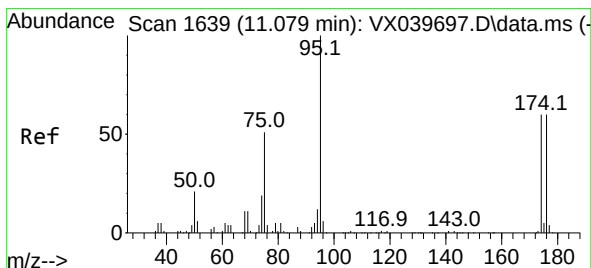
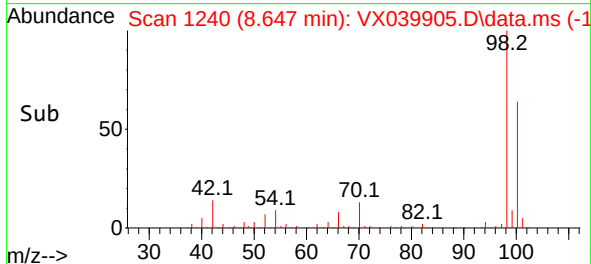
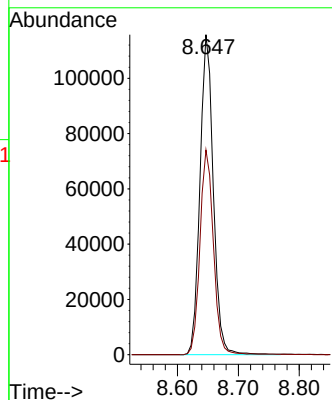
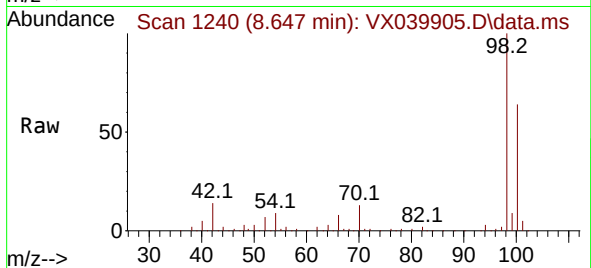




#50  
Toluene-d8  
Concen: 48.972 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039905.D  
Acq: 23 Jan 2024 13:17

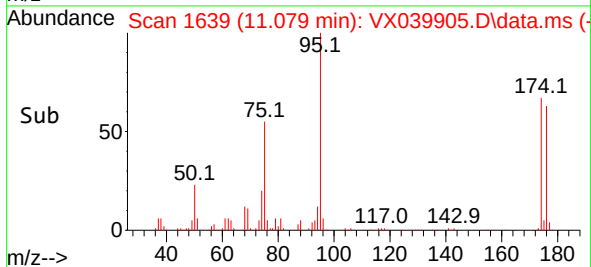
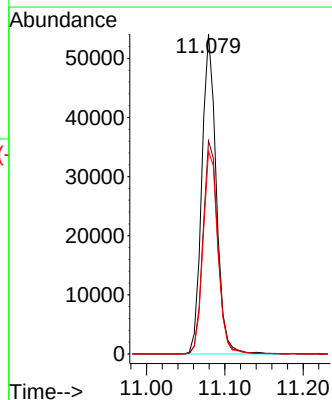
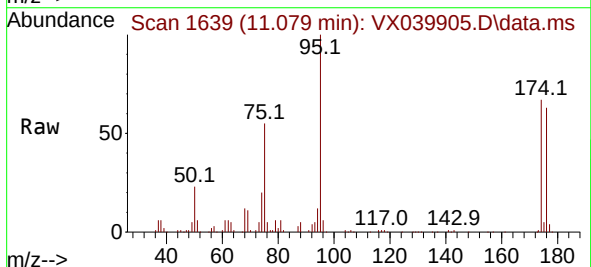
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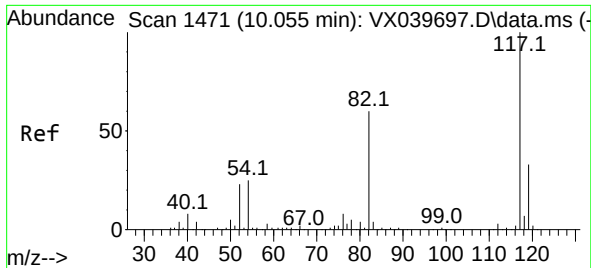
Tgt Ion: 98 Resp: 175690  
Ion Ratio Lower Upper  
98 100  
100 64.9 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 49.194 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX039905.D  
Acq: 23 Jan 2024 13:17

Tgt Ion: 95 Resp: 69015  
Ion Ratio Lower Upper  
95 100  
174 69.1 0.0 135.6  
176 65.3 0.0 131.0

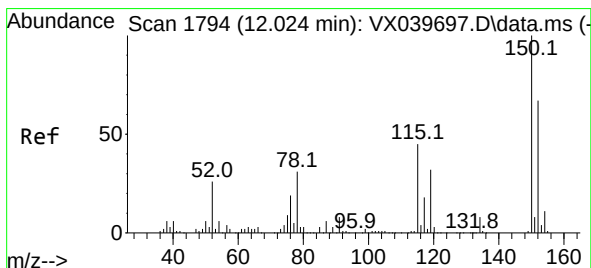
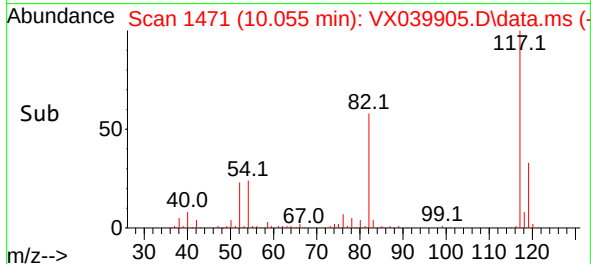
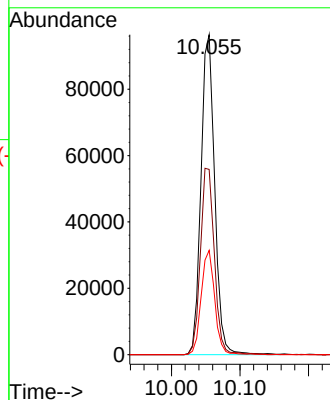
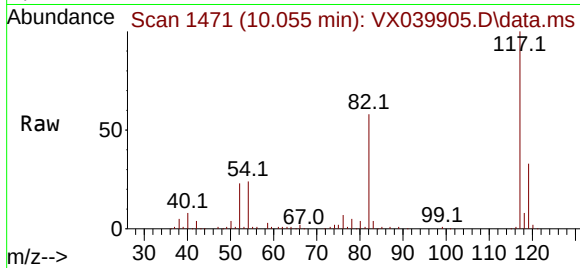




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX039905.D  
Acq: 23 Jan 2024 13:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-191-TB-20240119

Tgt Ion:117 Resp: 134719  
Ion Ratio Lower Upper  
117 100  
82 57.9 46.2 69.4  
119 32.6 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX039905.D  
Acq: 23 Jan 2024 13:17

Tgt Ion:152 Resp: 66116  
Ion Ratio Lower Upper  
152 100  
115 65.7 43.3 129.9  
150 158.9 0.0 345.0

