

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012324\  
 Data File : VX039911.D  
 Acq On : 23 Jan 2024 15:33  
 Operator : JC/MD  
 Sample : P1223-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-195-TB-20240122

Quant Time: Jan 24 02:33:21 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  | 75173    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 138411   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 134363   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 64801    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 60609    | 48.131   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 96.260% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 46099    | 49.449   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.900% |
| 50) Toluene-d8              | 8.647  | 98    | 169374   | 48.171   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 96.340% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 65525    | 47.656   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 95.320% |

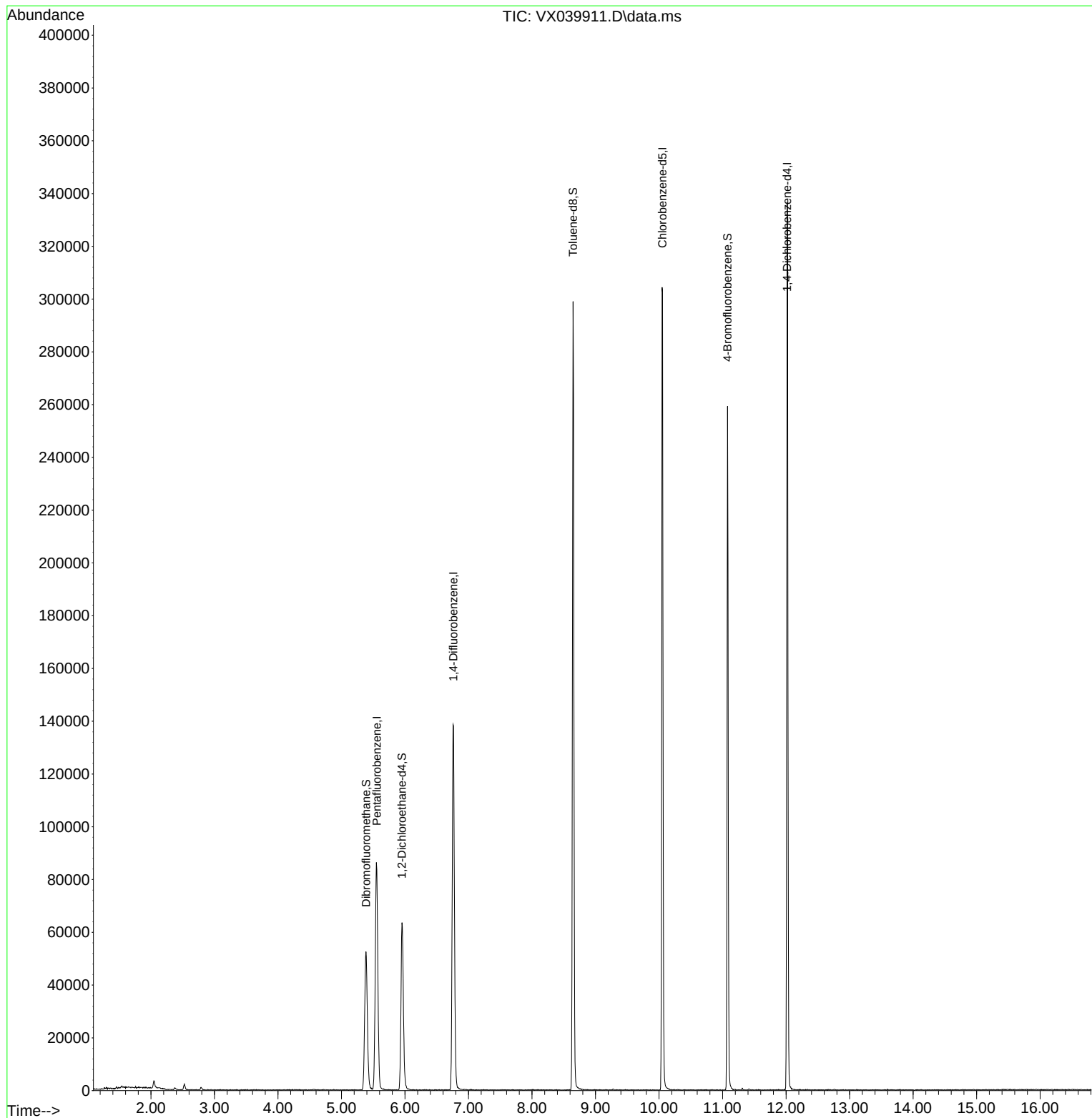
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

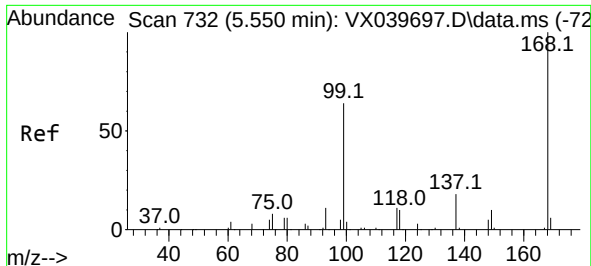
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:51:26 2024  
Response via : Initial Calibration

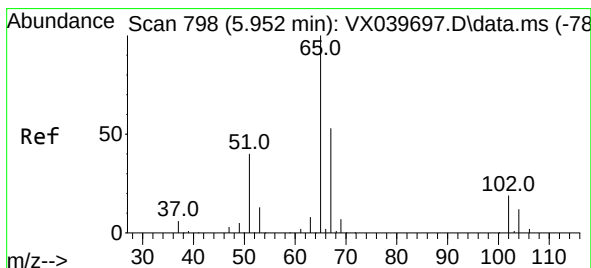
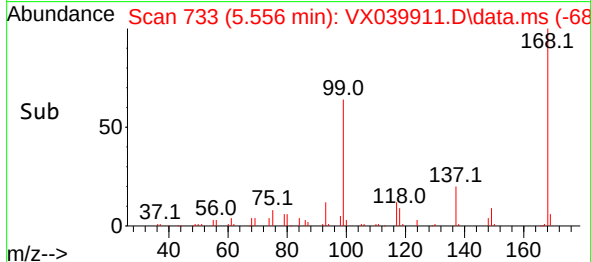
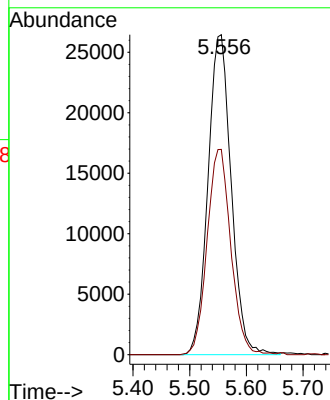
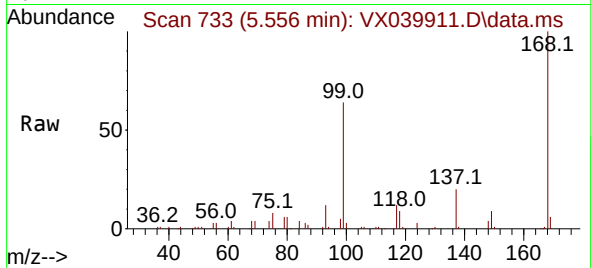




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. 0.006 min  
Lab File: VX039911.D  
Acq: 23 Jan 2024 15:33

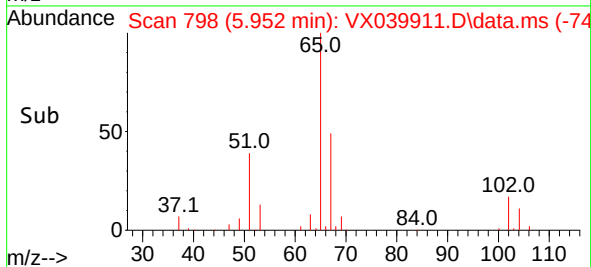
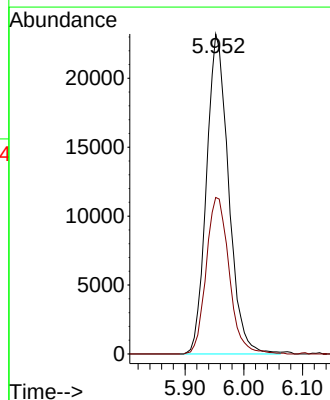
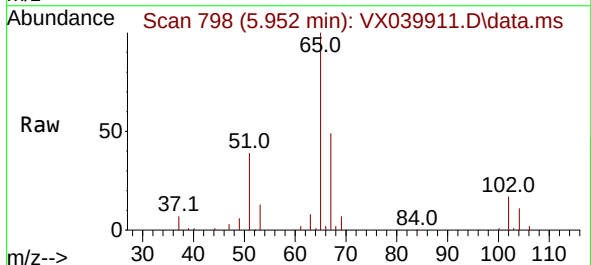
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-195-TB-20240122

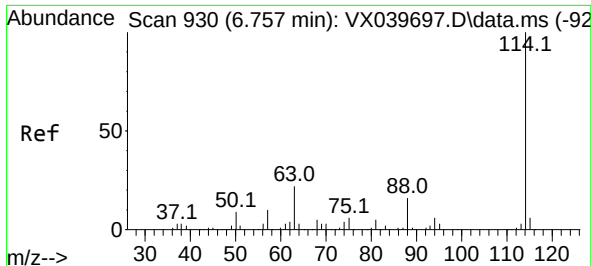
Tgt Ion:168 Resp: 75173  
Ion Ratio Lower Upper  
168 100  
99 64.2 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 48.131 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX039911.D  
Acq: 23 Jan 2024 15:33

Tgt Ion: 65 Resp: 60609  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 100.2

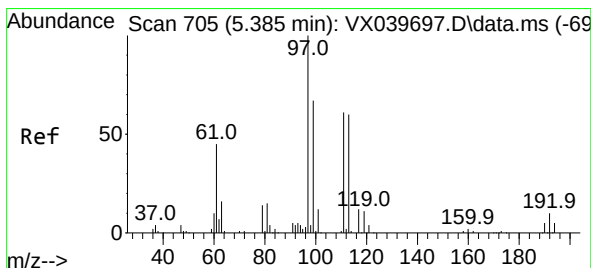
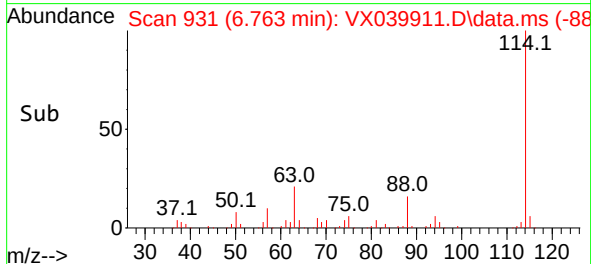
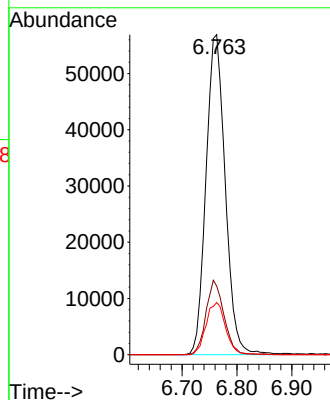
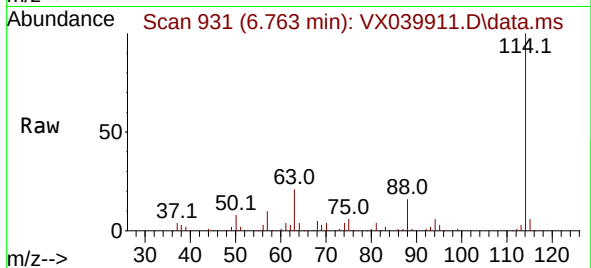




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VX039911.D  
Acq: 23 Jan 2024 15:33

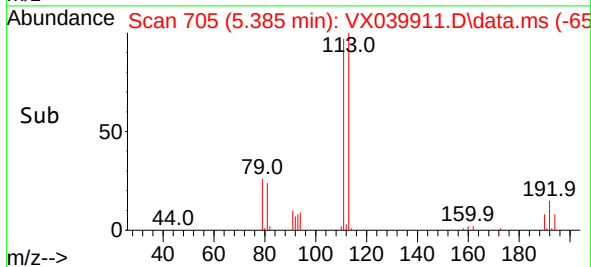
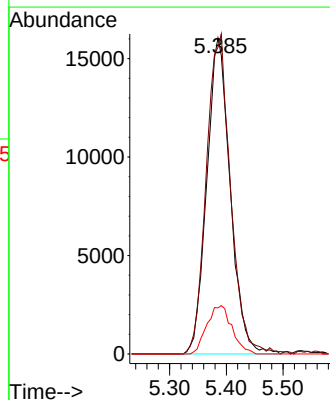
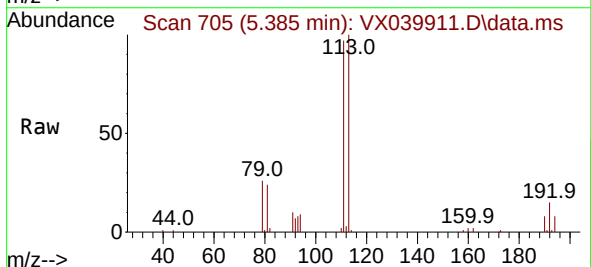
Instrument :  
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ClientSampleId :  
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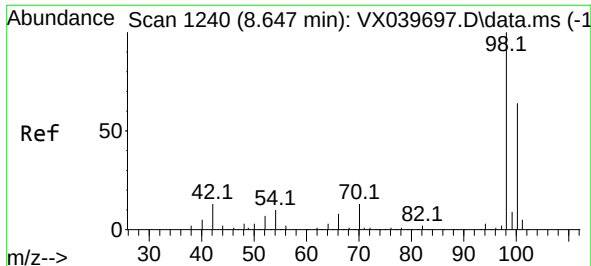
Tgt Ion:114 Resp: 138411  
Ion Ratio Lower Upper  
114 100  
63 21.4 0.0 45.0  
88 16.3 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 49.449 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX039911.D  
Acq: 23 Jan 2024 15:33

Tgt Ion:113 Resp: 46099  
Ion Ratio Lower Upper  
113 100  
111 103.7 82.9 124.3  
192 16.3 13.3 19.9

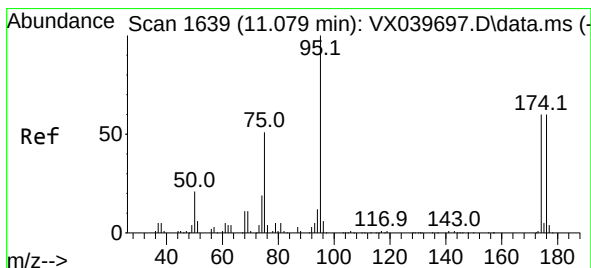
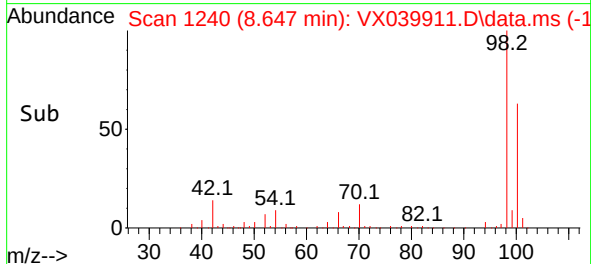
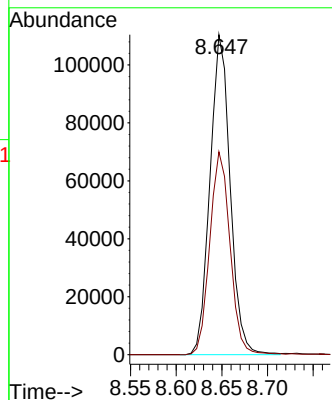
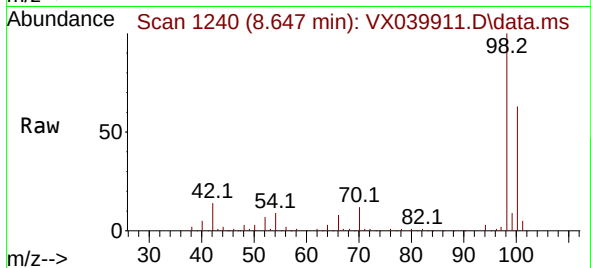




#50  
Toluene-d8  
Concen: 48.171 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX039911.D  
Acq: 23 Jan 2024 15:33

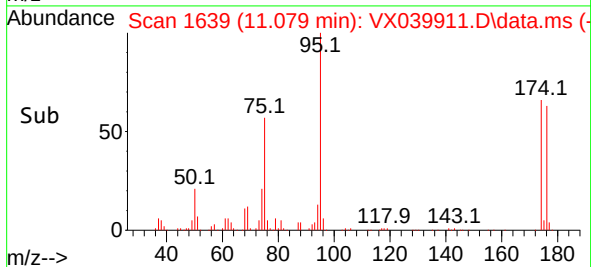
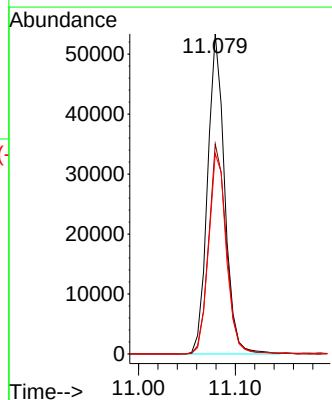
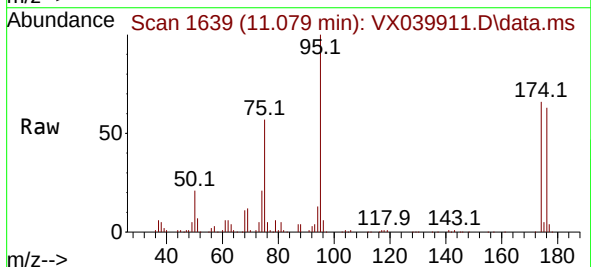
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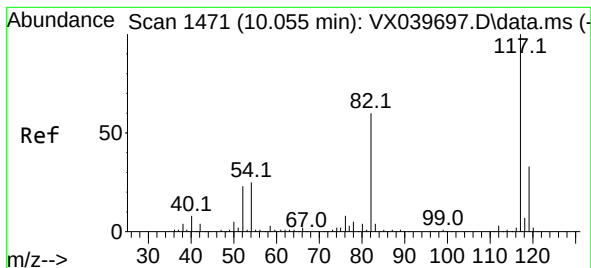
Tgt Ion: 98 Resp: 169374  
Ion Ratio Lower Upper  
98 100  
100 63.8 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 47.656 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX039911.D  
Acq: 23 Jan 2024 15:33

Tgt Ion: 95 Resp: 65525  
Ion Ratio Lower Upper  
95 100  
174 68.3 0.0 135.6  
176 65.5 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: VX039911.D

Acq: 23 Jan 2024 15:33

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-195-TB-20240122

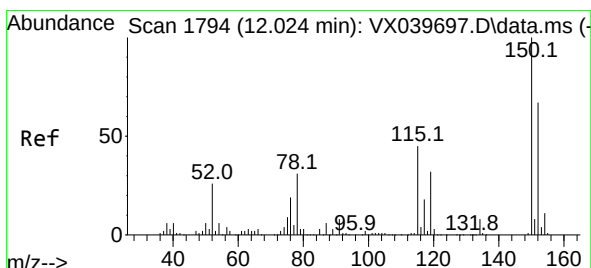
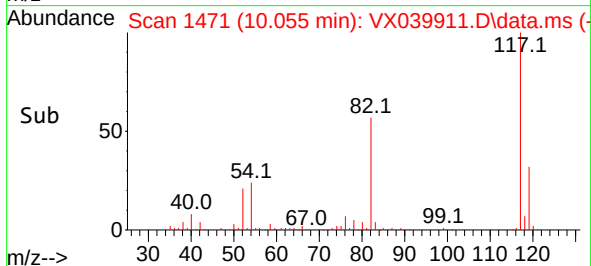
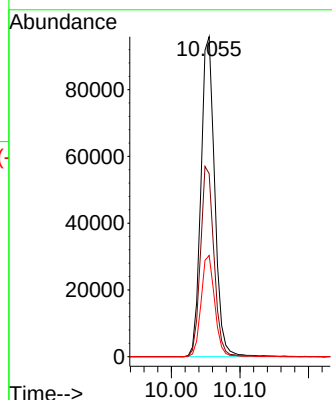
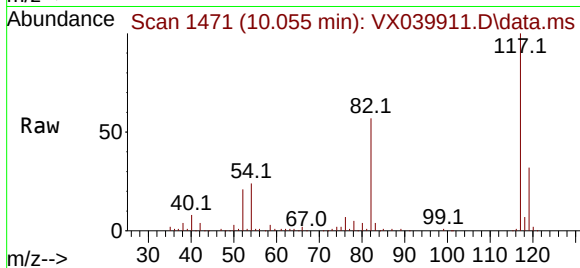
Tgt Ion:117 Resp: 134363

Ion Ratio Lower Upper

117 100

82 57.2 46.2 69.4

119 31.7 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: VX039911.D

Acq: 23 Jan 2024 15:33

Tgt Ion:152 Resp: 64801

Ion Ratio Lower Upper

152 100

115 63.8 43.3 129.9

150 154.3 0.0 345.0

