

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012324\  
 Data File : VX039909.D  
 Acq On : 23 Jan 2024 14:48  
 Operator : JC/MD  
 Sample : P1222-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-191-DUP-20240122

Quant Time: Jan 24 02:32:43 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   | 76559    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 141076   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 135735   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 67276    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 60544    | 47.209   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 94.420%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 46340    | 48.768   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 97.540%  |
| 50) Toluene-d8              | 8.647  | 98    | 174392   | 48.662   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 97.320%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 66622    | 47.539   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 95.080%  |

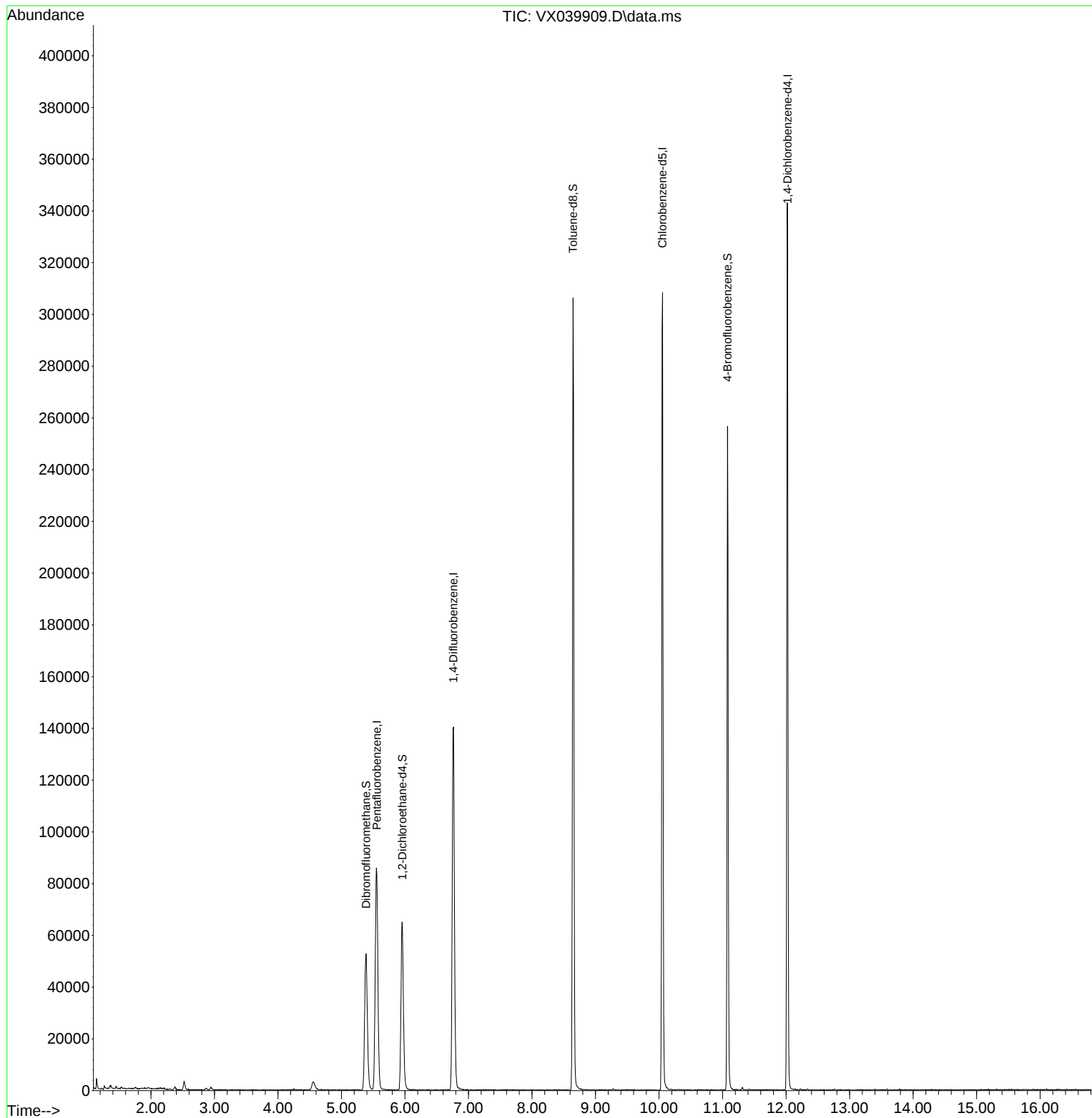
Target Compounds Qvalue

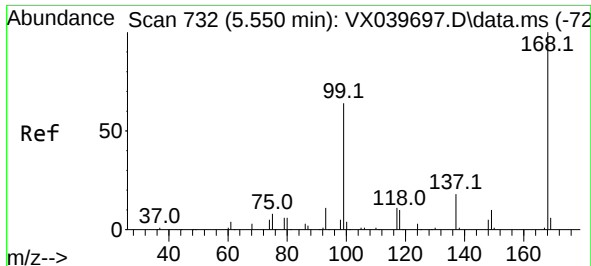
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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

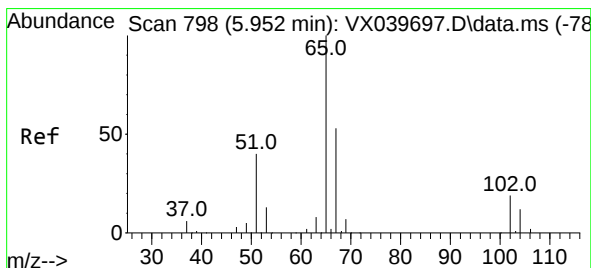
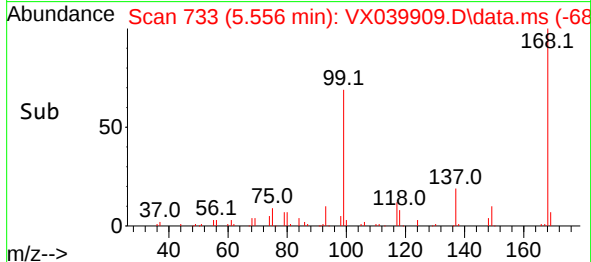
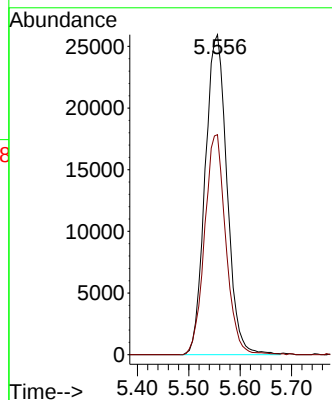
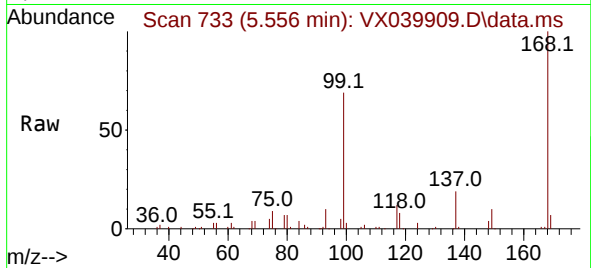




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. 0.006 min  
Lab File: VX039909.D  
Acq: 23 Jan 2024 14:48

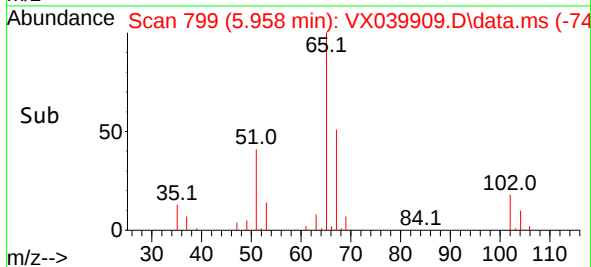
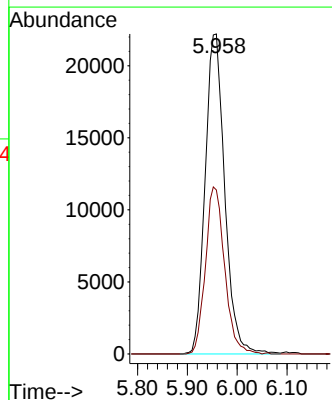
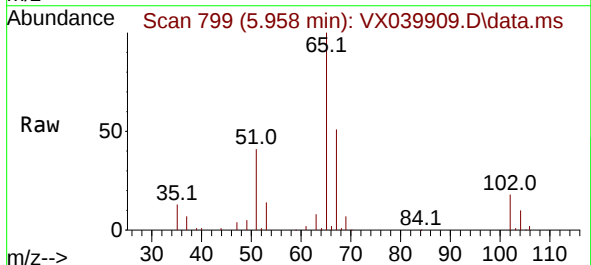
Instrument : MSVOA\_X  
ClientSampleId : BP-VPB-191-DUP-20240122

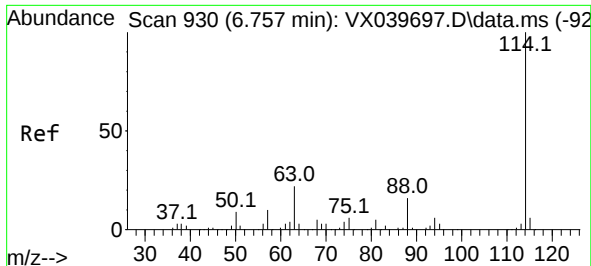
Tgt Ion:168 Resp: 76559  
Ion Ratio Lower Upper  
168 100  
99 68.8 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 47.209 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX039909.D  
Acq: 23 Jan 2024 14:48

Tgt Ion: 65 Resp: 60544  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 100.2

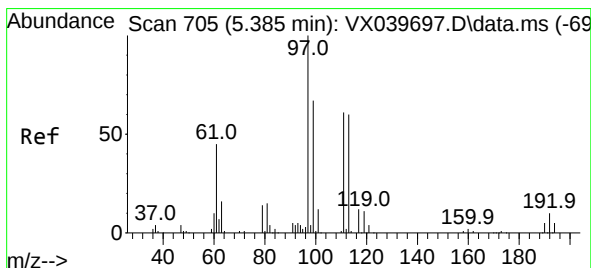
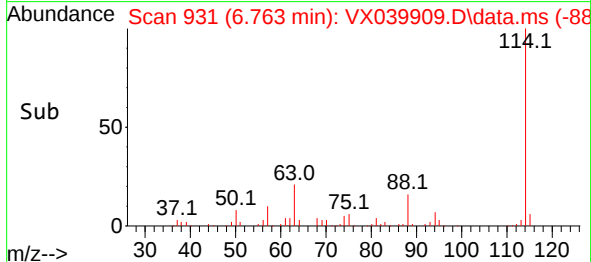
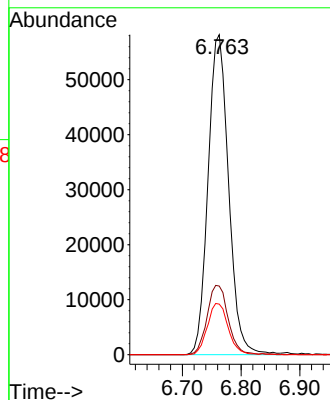
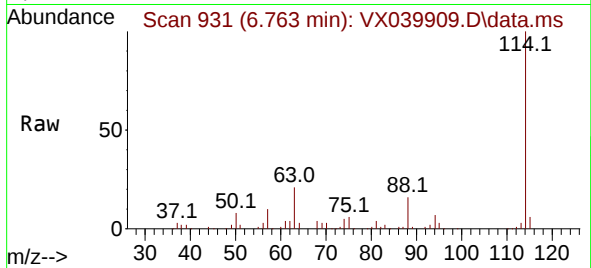




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VX039909.D  
Acq: 23 Jan 2024 14:48

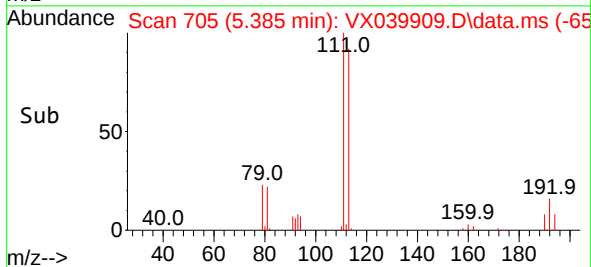
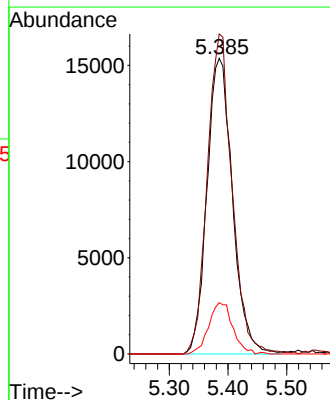
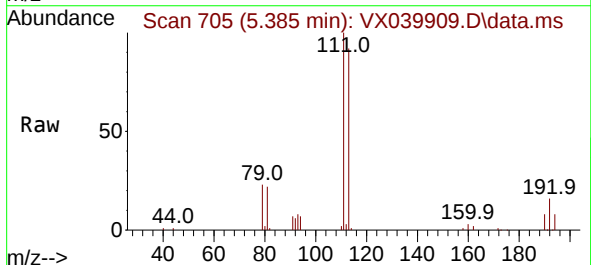
Instrument :  
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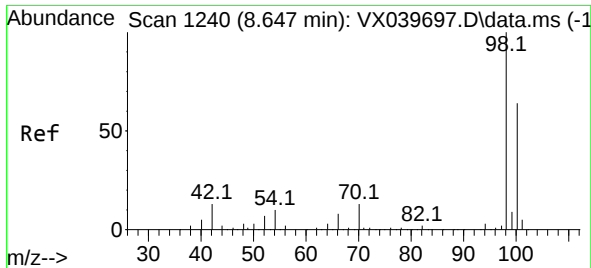
Tgt Ion:114 Resp: 141076  
Ion Ratio Lower Upper  
114 100  
63 21.4 0.0 45.0  
88 15.8 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 48.768 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX039909.D  
Acq: 23 Jan 2024 14:48

Tgt Ion:113 Resp: 46340  
Ion Ratio Lower Upper  
113 100  
111 105.3 82.9 124.3  
192 16.3 13.3 19.9

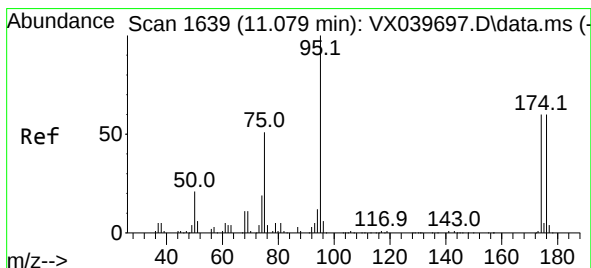
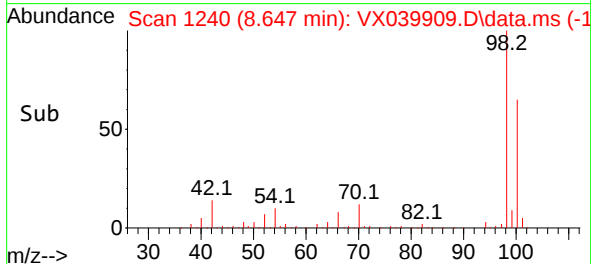
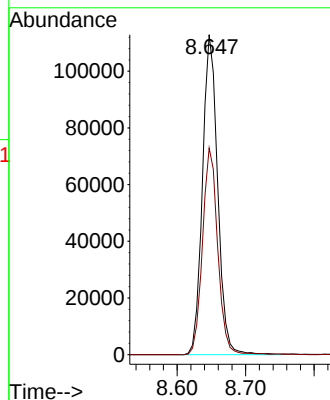
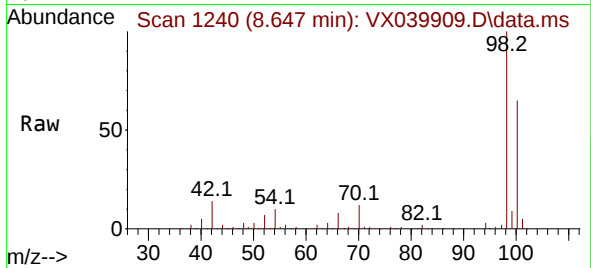




#50  
Toluene-d8  
Concen: 48.662 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039909.D  
Acq: 23 Jan 2024 14:48

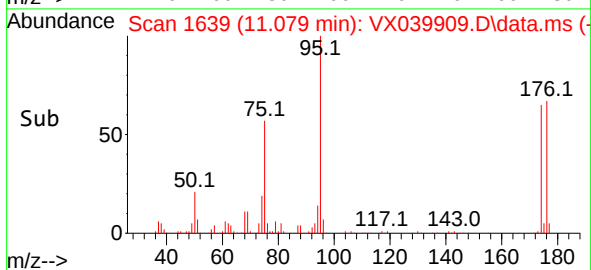
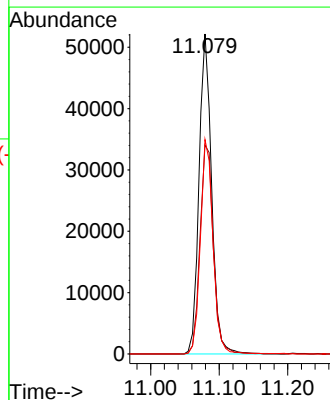
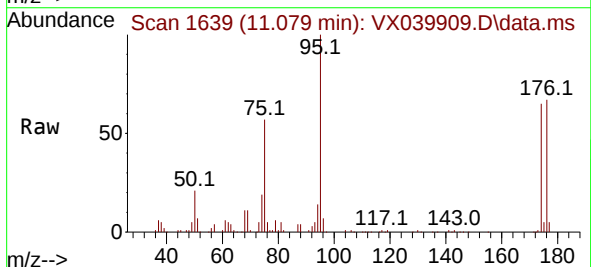
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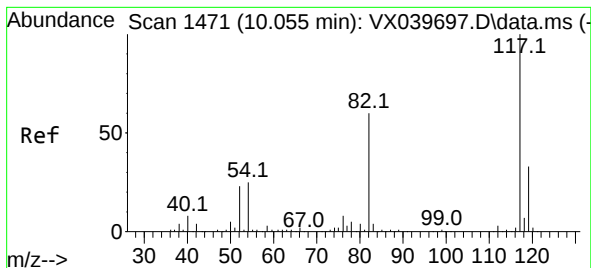
Tgt Ion: 98 Resp: 174392  
Ion Ratio Lower Upper  
98 100  
100 64.6 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 47.539 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX039909.D  
Acq: 23 Jan 2024 14:48

Tgt Ion: 95 Resp: 66622  
Ion Ratio Lower Upper  
95 100  
174 69.7 0.0 135.6  
176 67.2 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: VX039909.D

Acq: 23 Jan 2024 14:48

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-191-DUP-20240122

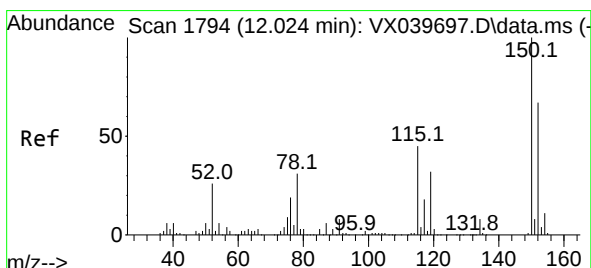
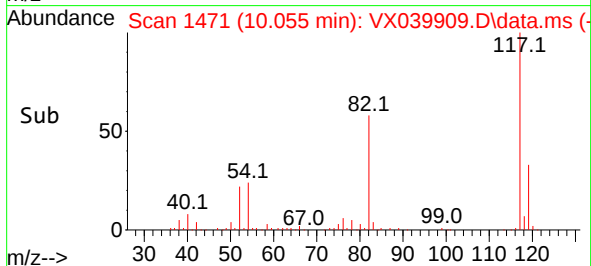
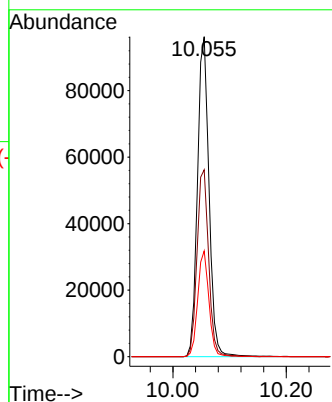
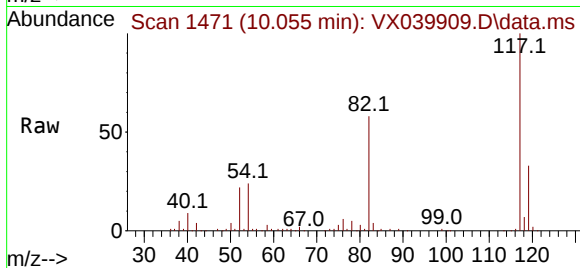
Tgt Ion:117 Resp: 135735

Ion Ratio Lower Upper

117 100

82 58.4 46.2 69.4

119 33.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX039909.D

Acq: 23 Jan 2024 14:48

Tgt Ion:152 Resp: 67276

Ion Ratio Lower Upper

152 100

115 63.1 43.3 129.9

150 153.4 0.0 345.0

