

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011624\  
 Data File : VX039782.D  
 Acq On : 16 Jan 2024 18:10  
 Operator : JC/MD  
 Sample : P1149-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-191-GW-220-222

Quant Time: Jan 17 01:53:06 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

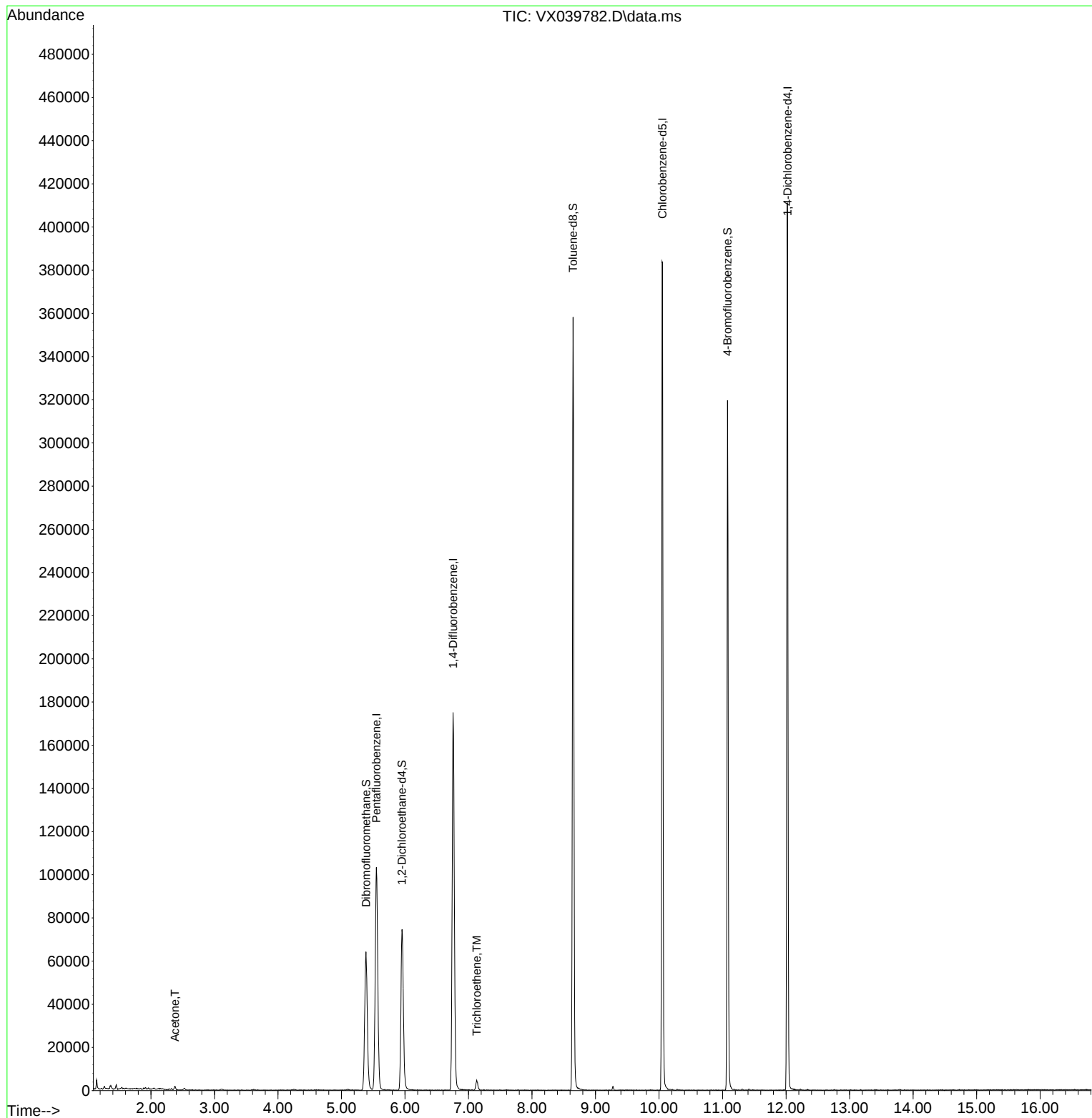
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 90668    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 171979   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 167585   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 79404    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 73262    | 48.236   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 96.480%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 56188    | 48.507   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 97.020%  |
| 50) Toluene-d8              | 8.647  | 98    | 209205   | 47.886   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 95.780%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 85209    | 49.876   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 99.760%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 1727     | 2.022    | ug/l   | 91       |
| 44) Trichloroethene         | 7.129  | 130   | 1792     | 1.432    | ug/l   | 90       |
| -----                       |        |       |          |          |        |          |

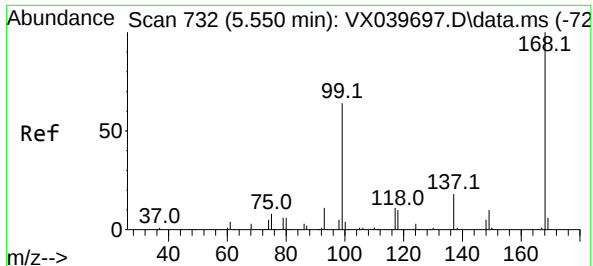
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-191-GW-220-222

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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

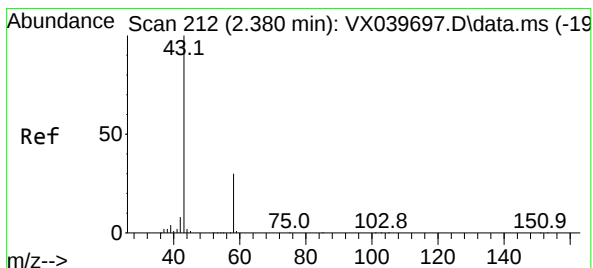
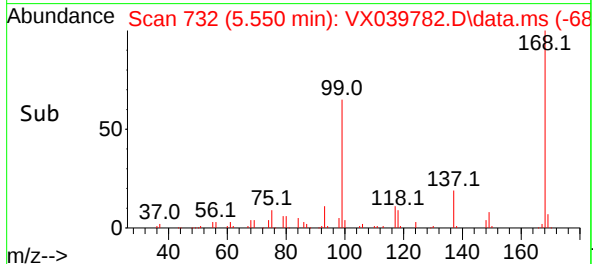
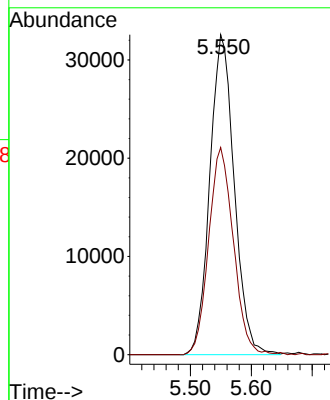
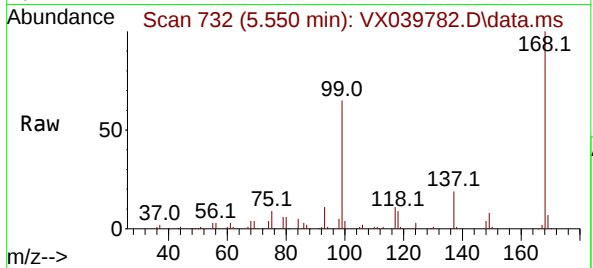




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX039782.D  
Acq: 16 Jan 2024 18:10

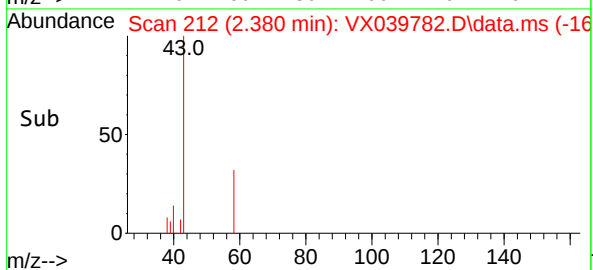
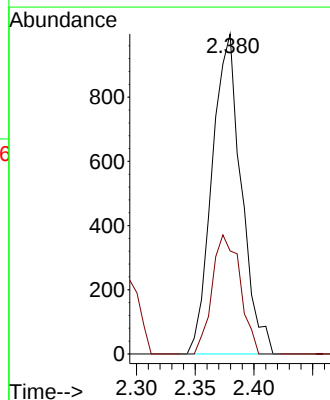
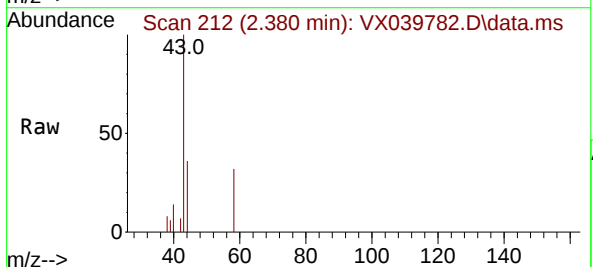
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-191-GW-220-222

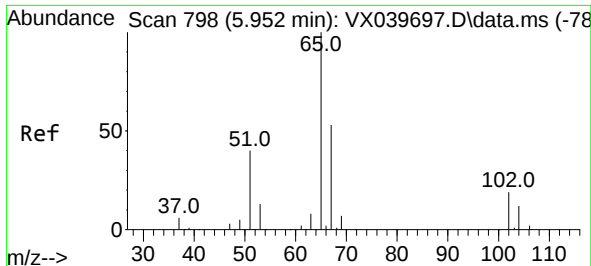
Tgt Ion:168 Resp: 90668  
Ion Ratio Lower Upper  
168 100  
99 64.8 56.6 85.0



#16  
Acetone  
Concen: 2.022 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX039782.D  
Acq: 16 Jan 2024 18:10

Tgt Ion: 43 Resp: 1727  
Ion Ratio Lower Upper  
43 100  
58 32.2 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 48.236 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039782.D

Acq: 16 Jan 2024 18:10

Instrument :

MSVOA\_X

ClientSampleId :

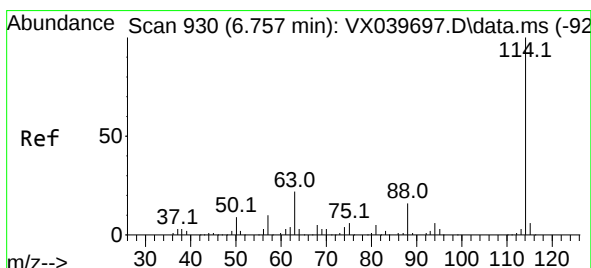
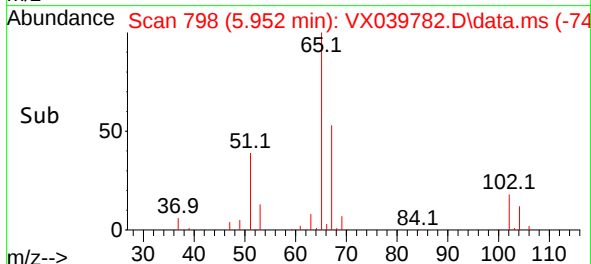
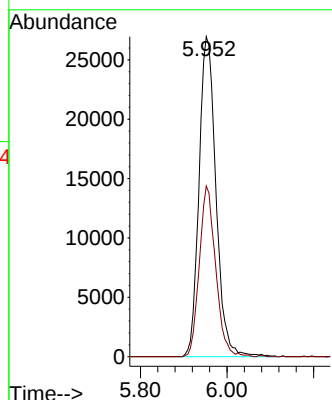
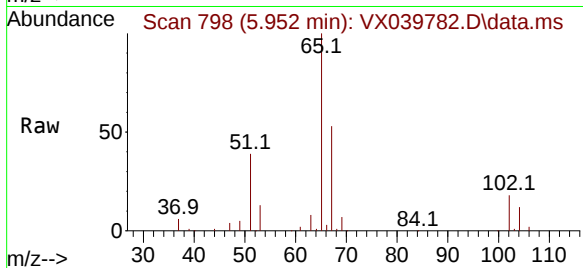
BP-VPB-191-GW-220-222

Tgt Ion: 65 Resp: 73262

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX039782.D

Acq: 16 Jan 2024 18:10

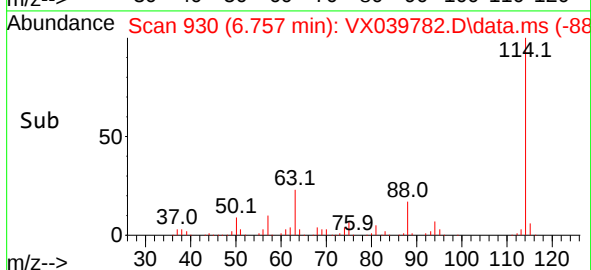
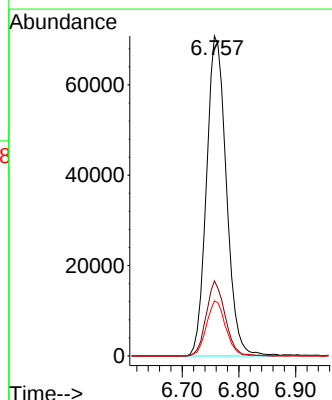
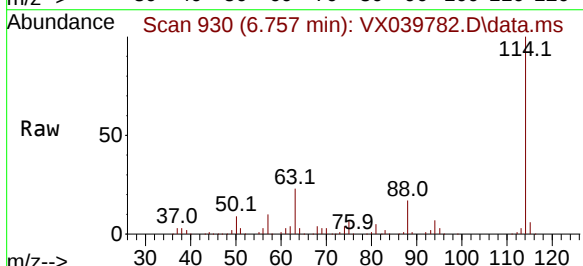
Tgt Ion: 114 Resp: 171979

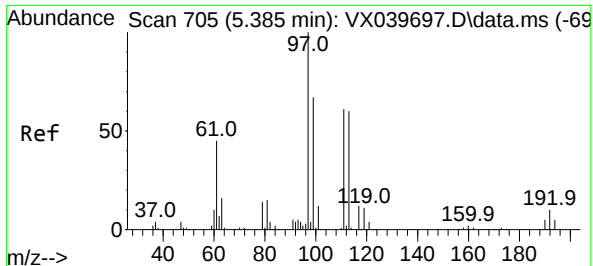
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

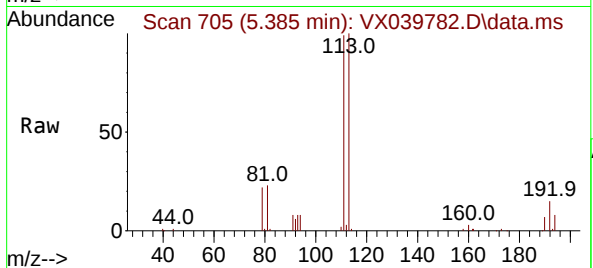
88 17.2 0.0 36.6



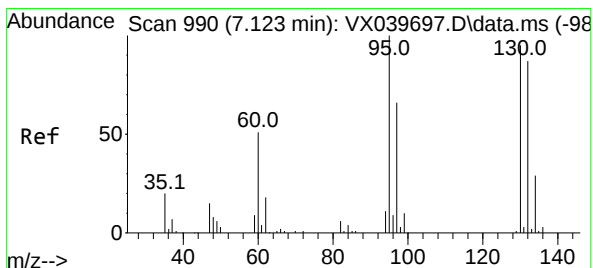
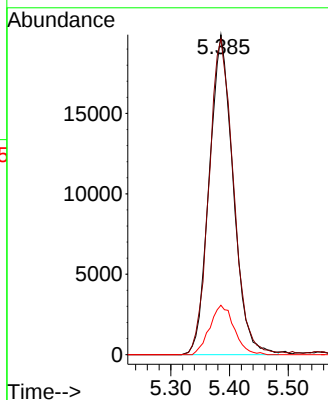
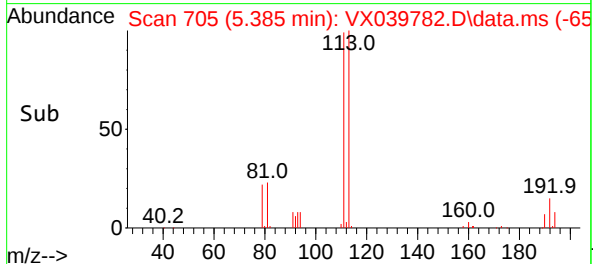


#35  
Dibromofluoromethane  
Concen: 48.507 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX039782.D  
Acq: 16 Jan 2024 18:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-191-GW-220-222

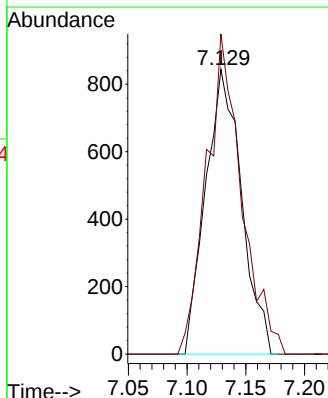
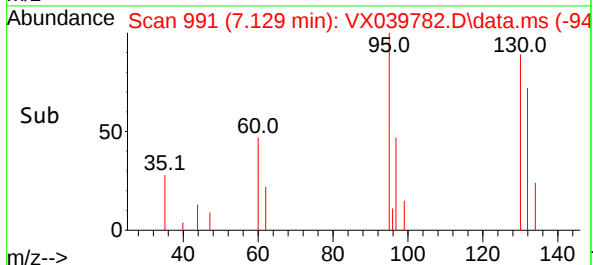
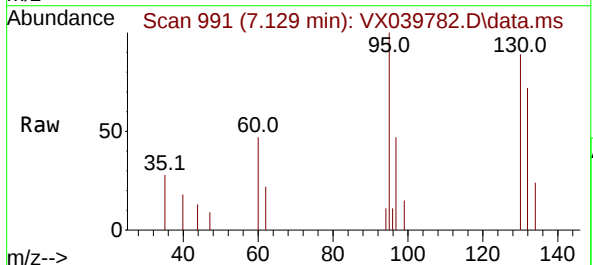


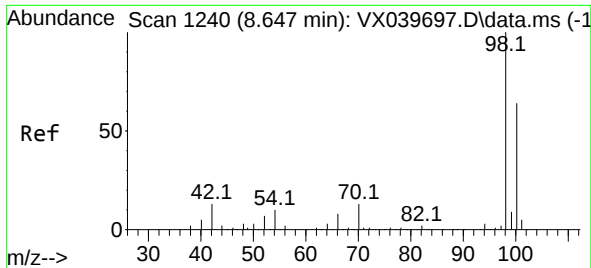
Tgt Ion:113 Resp: 56188  
Ion Ratio Lower Upper  
113 100  
111 101.5 82.9 124.3  
192 15.8 13.3 19.9



#44  
Trichloroethene  
Concen: 1.432 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX039782.D  
Acq: 16 Jan 2024 18:10

Tgt Ion:130 Resp: 1792  
Ion Ratio Lower Upper  
130 100  
95 112.4 0.0 204.4

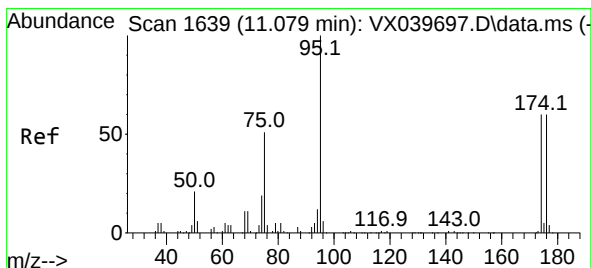
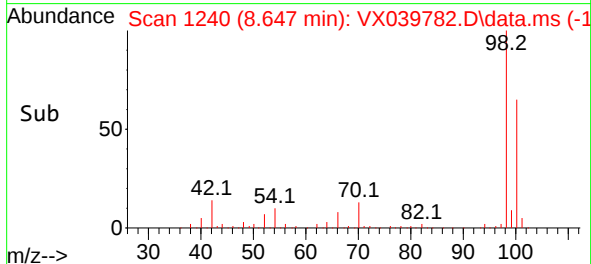
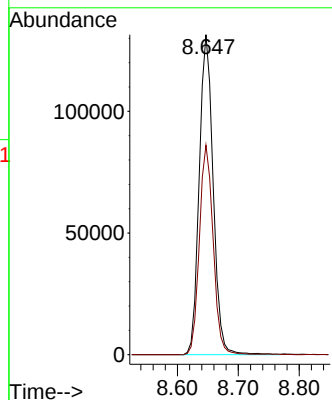
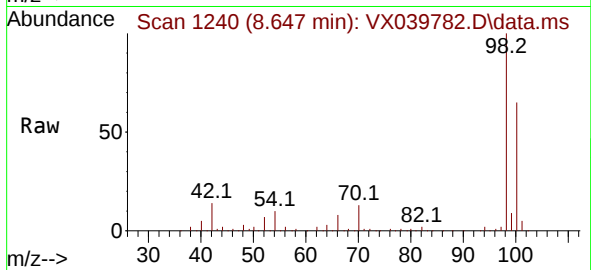




#50  
Toluene-d8  
Concen: 47.886 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX039782.D  
Acq: 16 Jan 2024 18:10

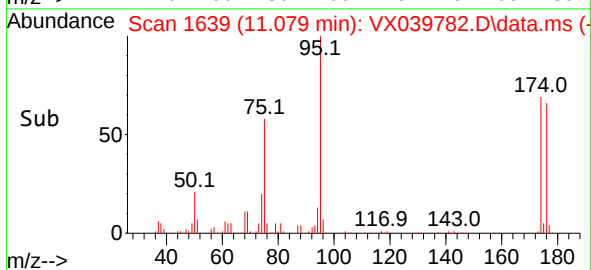
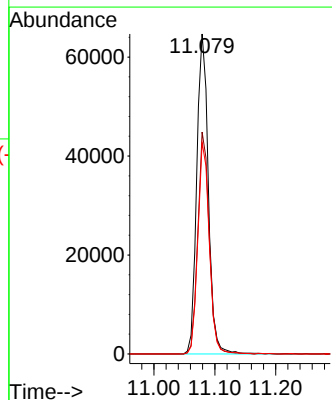
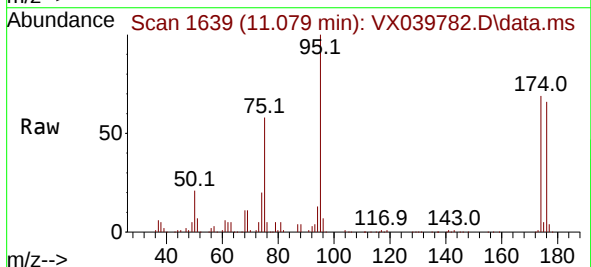
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-191-GW-220-222

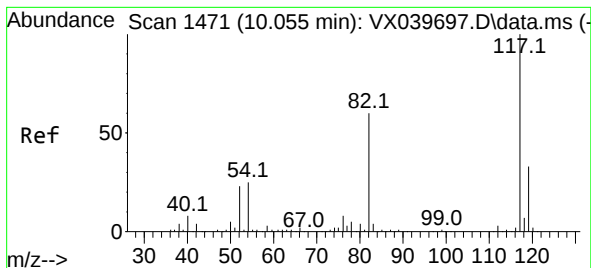
Tgt Ion: 98 Resp: 209205  
Ion Ratio Lower Upper  
98 100  
100 64.7 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 49.876 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX039782.D  
Acq: 16 Jan 2024 18:10

Tgt Ion: 95 Resp: 85209  
Ion Ratio Lower Upper  
95 100  
174 68.5 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: VX039782.D

Acq: 16 Jan 2024 18:10

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-191-GW-220-222

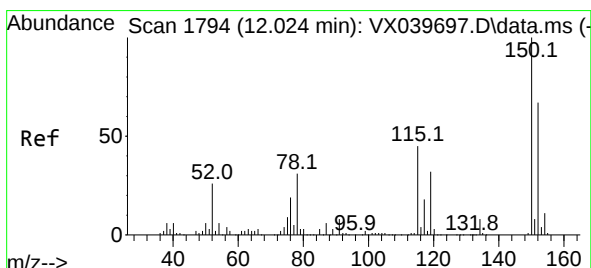
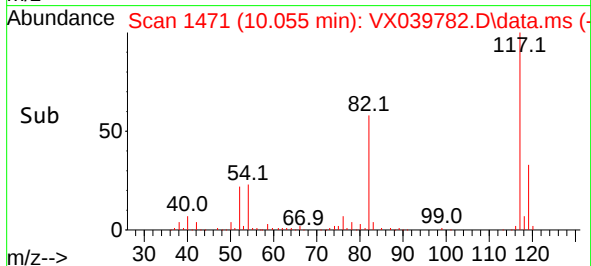
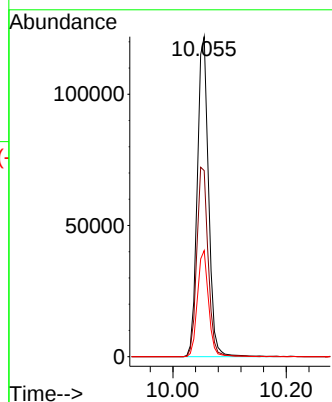
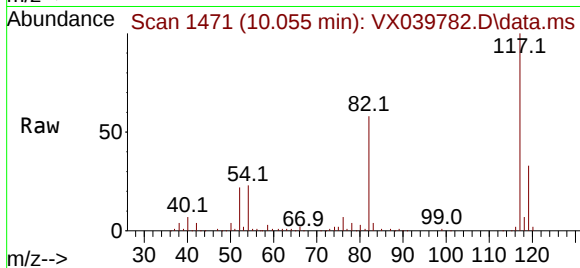
Tgt Ion:117 Resp: 167585

Ion Ratio Lower Upper

117 100

82 58.1 46.2 69.4

119 33.2 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: VX039782.D

Acq: 16 Jan 2024 18:10

Tgt Ion:152 Resp: 79404

Ion Ratio Lower Upper

152 100

115 65.1 43.3 129.9

150 158.2 0.0 345.0

