

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012324\  
 Data File : VX039910.D  
 Acq On : 23 Jan 2024 15:10  
 Operator : JC/MD  
 Sample : P1223-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-195-GW-440-442

Quant Time: Jan 24 02:33:03 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

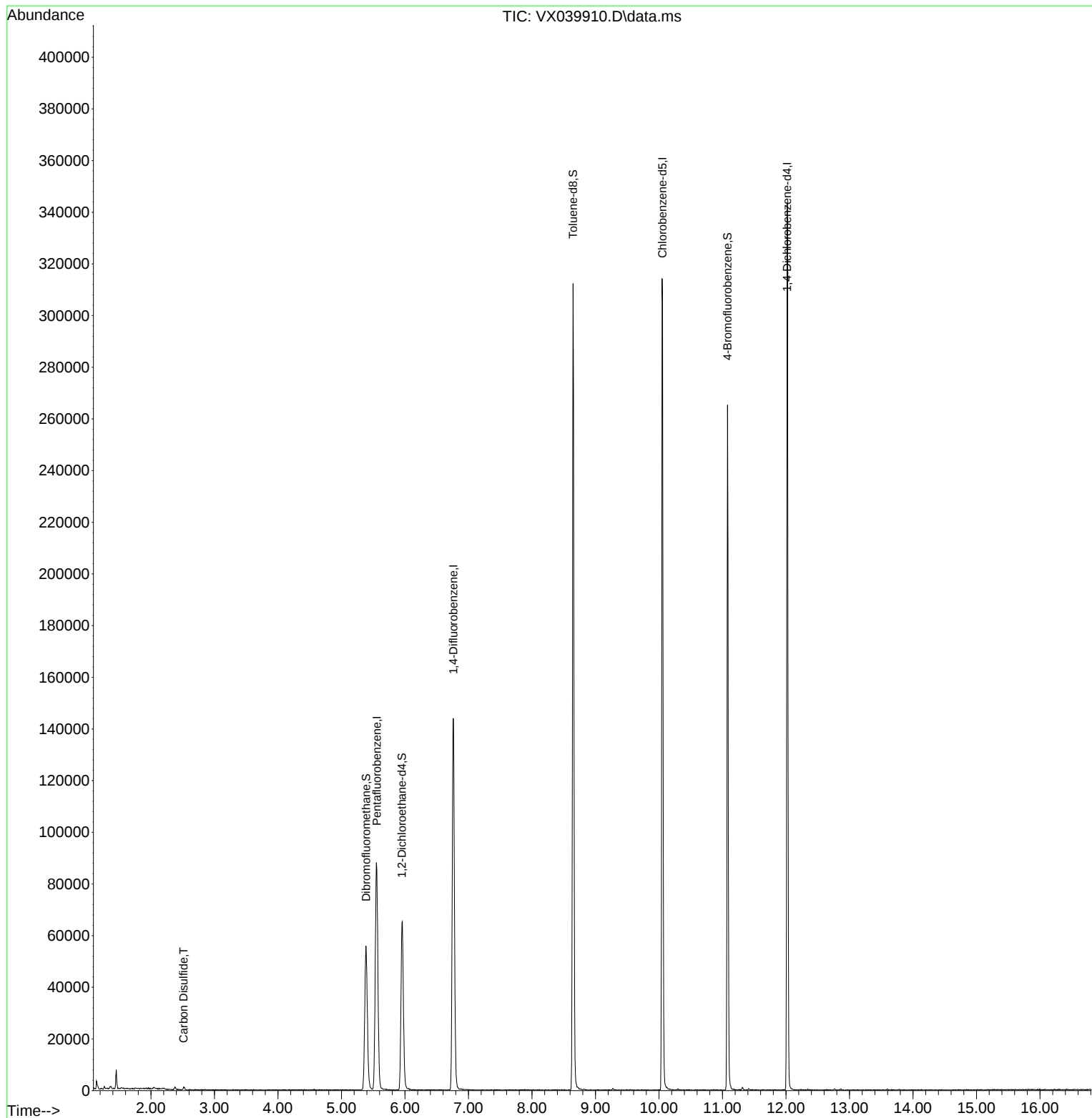
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 78984    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 143980   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 138682   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 64938    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 62019    | 46.874   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 93.740%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 47387    | 48.864   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 97.720%  |
| 50) Toluene-d8              | 8.647  | 98    | 178030   | 48.675   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 97.340%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 67677    | 47.318   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 94.640%  |
| Target Compounds            |        |       |          |          |       |          |
| 17) Carbon Disulfide        | 2.514  | 76    | 826      | 0.302    | ug/l  | # 79     |
| -----                       |        |       |          |          |       |          |

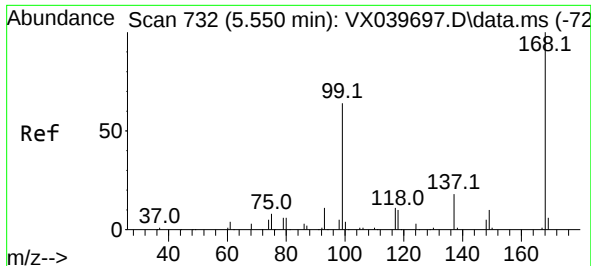
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 71

Delta R.T. 0.006 min

Lab File: VX039910.D

Acq: 23 Jan 2024 15:10

Instrument :

MSVOA\_X

ClientSampleId :

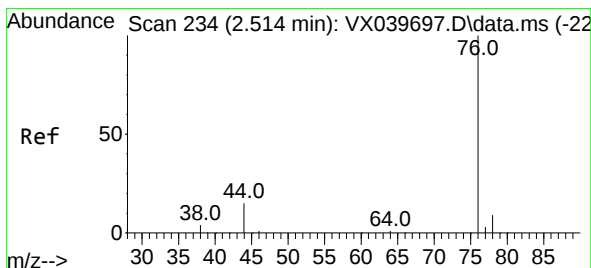
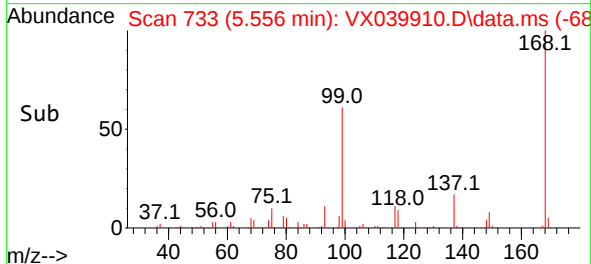
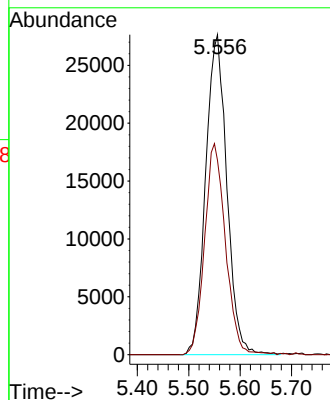
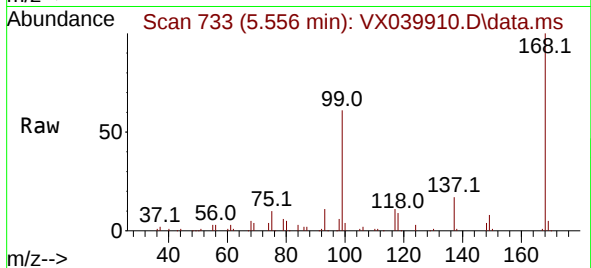
BP-VPB-195-GW-440-442

Tgt Ion:168 Resp: 78984

Ion Ratio Lower Upper

168 100

99 60.7 56.6 85.0



#17

Carbon Disulfide

Concen: 0.302 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX039910.D

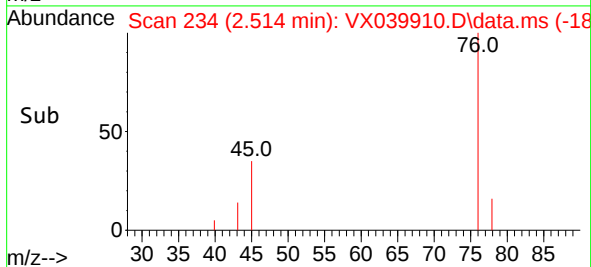
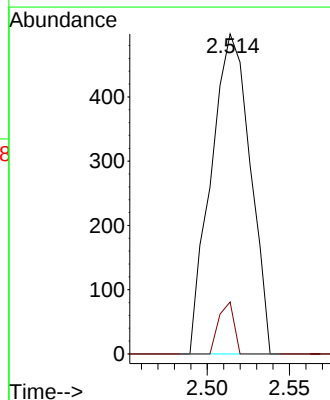
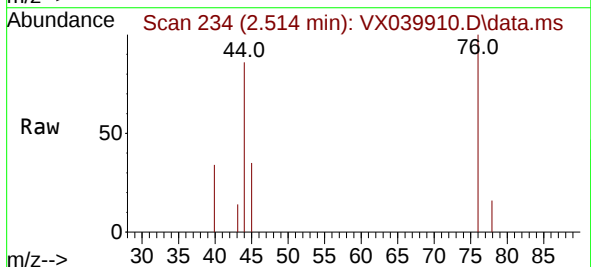
Acq: 23 Jan 2024 15:10

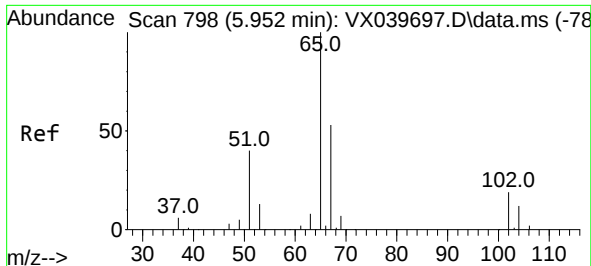
Tgt Ion: 76 Resp: 826

Ion Ratio Lower Upper

76 100

78 16.3 7.0 10.6#





#33

1,2-Dichloroethane-d4

Concen: 46.874 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039910.D

Acq: 23 Jan 2024 15:10

Instrument :

MSVOA\_X

ClientSampleId :

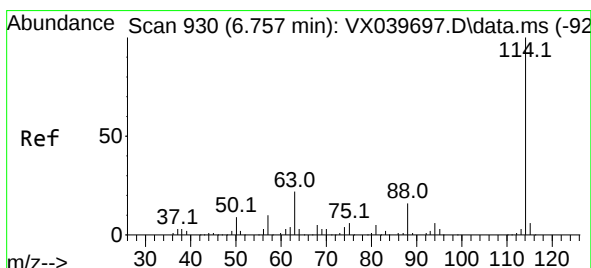
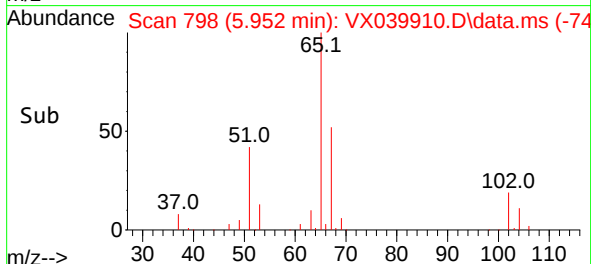
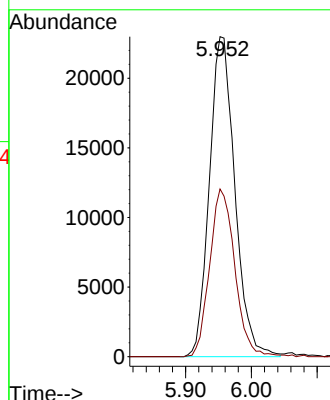
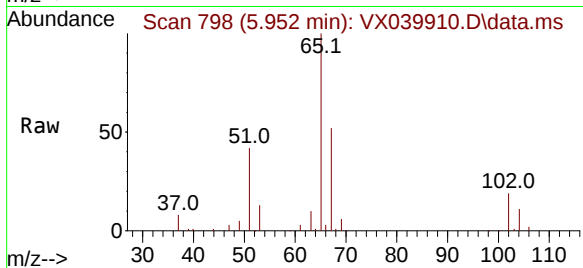
BP-VPB-195-GW-440-442

Tgt Ion: 65 Resp: 62019

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039910.D

Acq: 23 Jan 2024 15:10

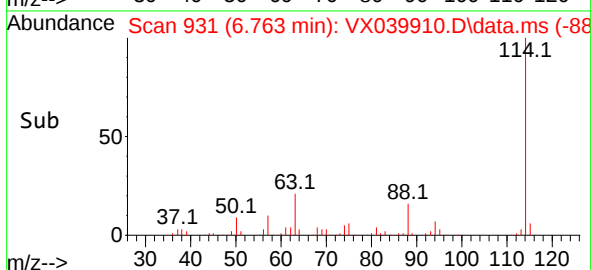
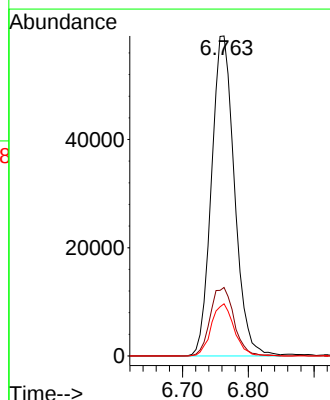
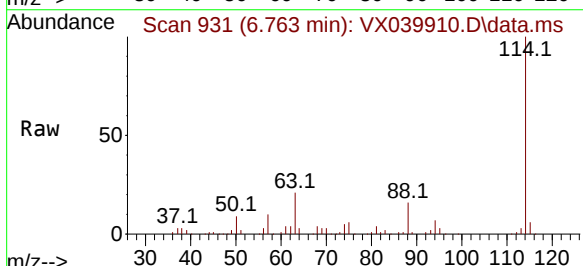
Tgt Ion: 114 Resp: 143980

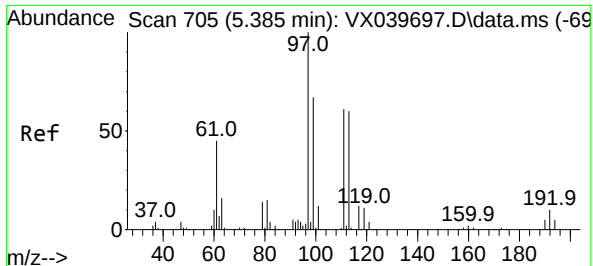
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.864 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039910.D

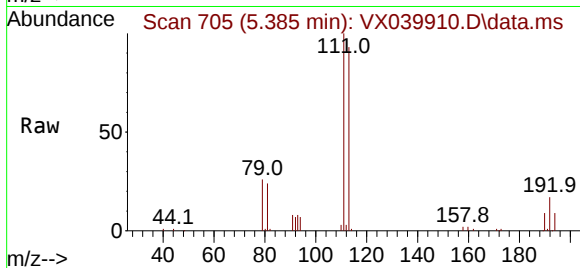
Acq: 23 Jan 2024 15:10

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-195-GW-440-442



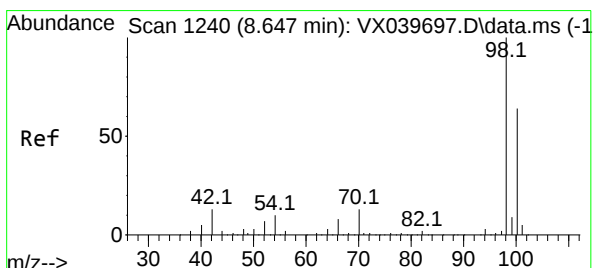
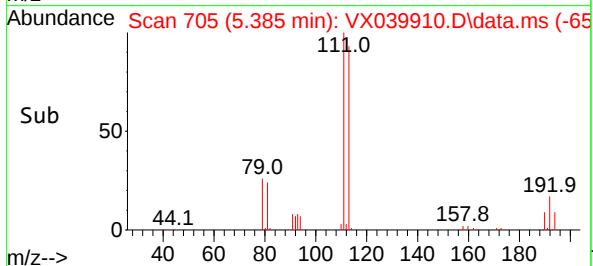
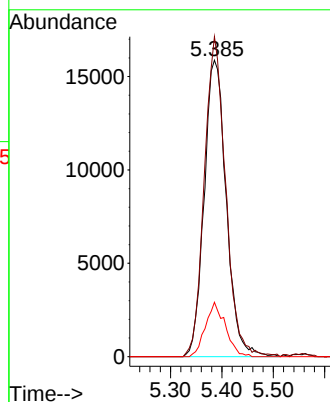
Tgt Ion:113 Resp: 47387

Ion Ratio Lower Upper

113 100

111 104.3 82.9 124.3

192 16.6 13.3 19.9



#50

Toluene-d8

Concen: 48.675 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039910.D

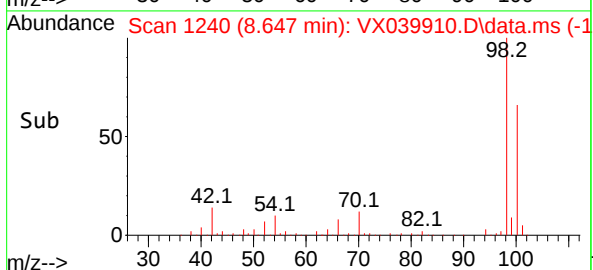
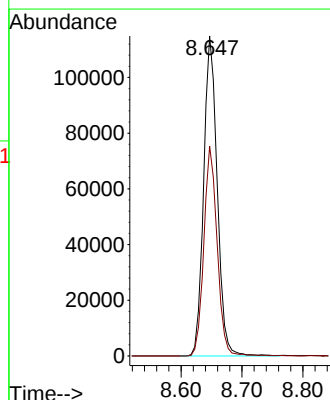
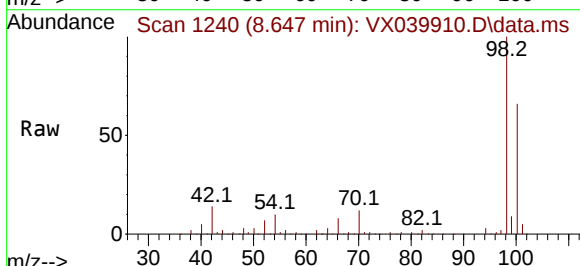
Acq: 23 Jan 2024 15:10

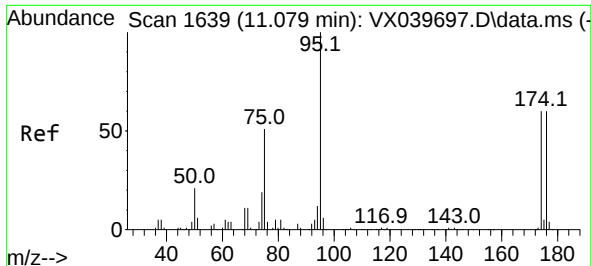
Tgt Ion: 98 Resp: 178030

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7

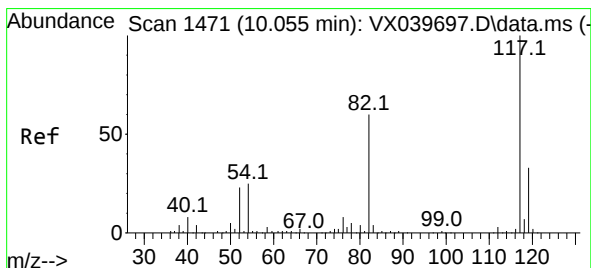
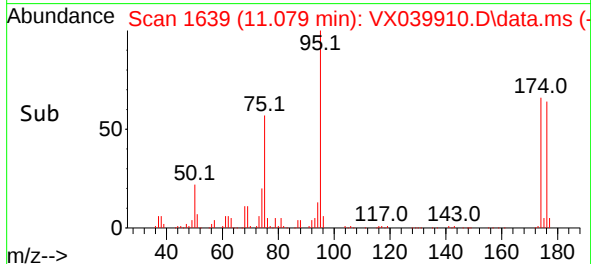
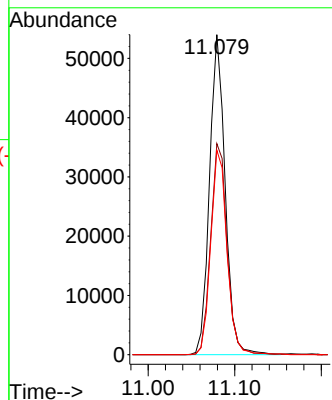
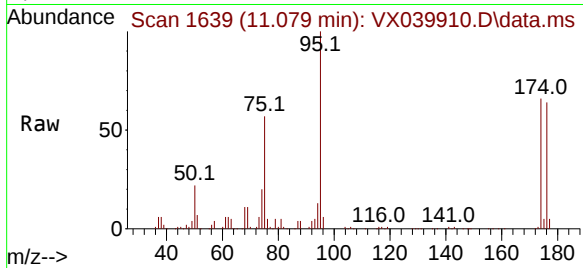




#62  
4-Bromofluorobenzene  
Concen: 47.318 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX039910.D  
Acq: 23 Jan 2024 15:10

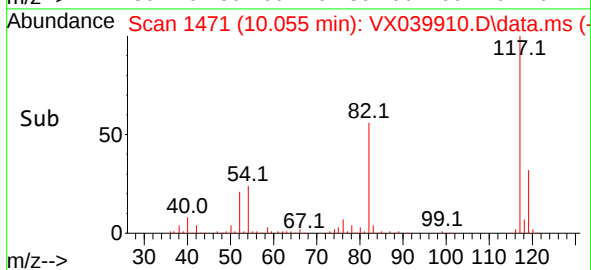
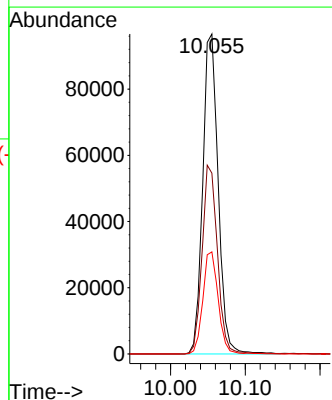
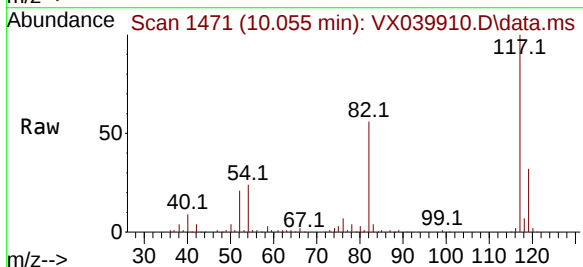
Instrument :  
MSVOA\_X  
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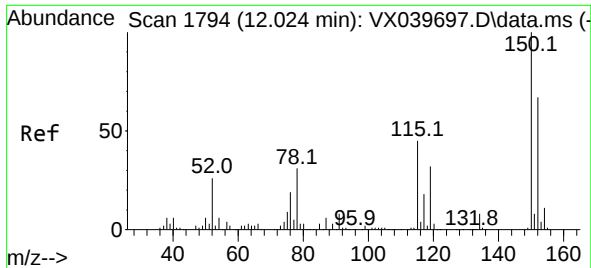
Tgt Ion: 95 Resp: 67677  
Ion Ratio Lower Upper  
95 100  
174 69.2 0.0 135.6  
176 66.4 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX039910.D  
Acq: 23 Jan 2024 15:10

Tgt Ion: 117 Resp: 138682  
Ion Ratio Lower Upper  
117 100  
82 56.5 46.2 69.4  
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX039910.D

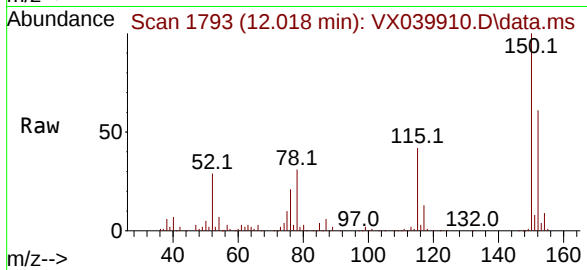
Acq: 23 Jan 2024 15:10

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-195-GW-440-442



Tgt Ion:152 Resp: 64938

Ion Ratio Lower Upper

152 100

115 64.8 43.3 129.9

150 159.1 0.0 345.0

