

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092523\  
 Data File : VX037892.D  
 Acq On : 25 Sep 2023 13:19  
 Operator : JC/MD  
 Sample : 04595-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-RW10A-GW-480-482

Quant Time: Sep 26 06:57:40 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

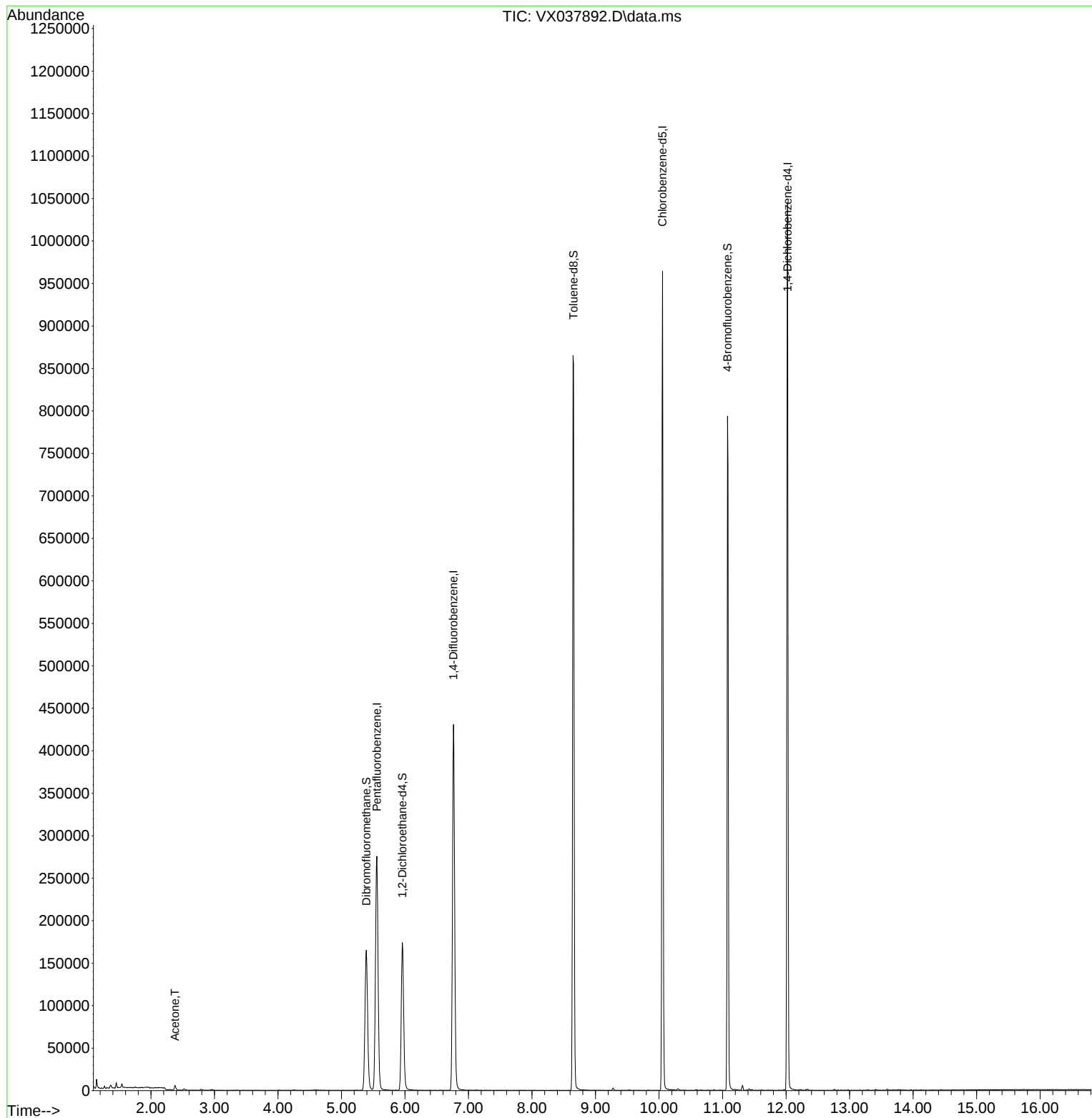
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 5.556  | 168   | 263804   | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 450947   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 431452   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 224089   | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 166006   | 47.896   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 95.800%     |
| 35) Dibromofluoromethane    | 5.391  | 113   | 144918   | 48.029   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 96.060%     |
| 50) Toluene-d8              | 8.653  | 98    | 537185   | 47.915   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 95.840%     |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 206521   | 50.693   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 101.380%    |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 2.379  | 43    | 5690     | 3.413    | ug/l  | Qvalue # 88 |
| -----                       |        |       |          |          |       |             |

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

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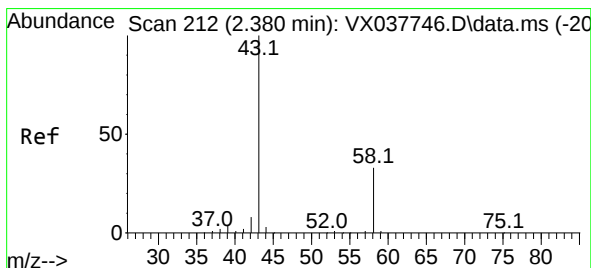
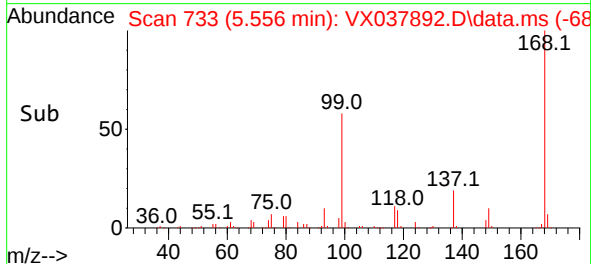
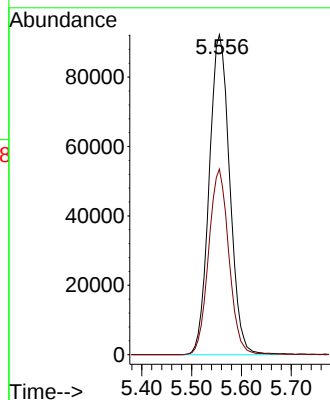
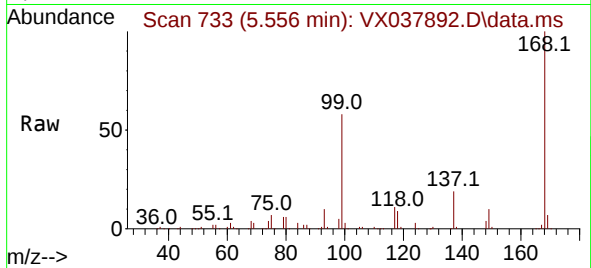




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX037892.D  
Acq: 25 Sep 2023 13:19

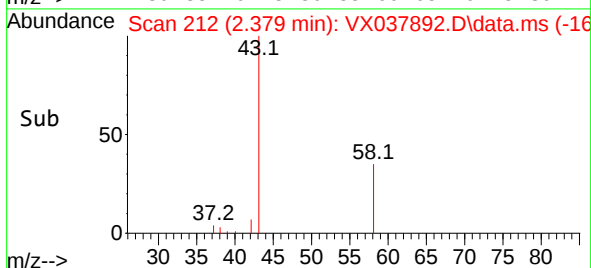
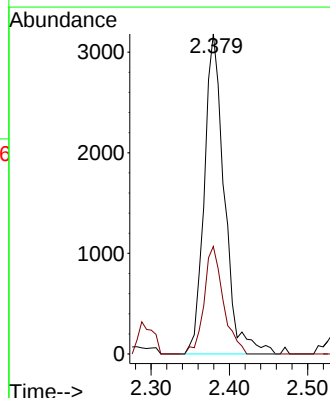
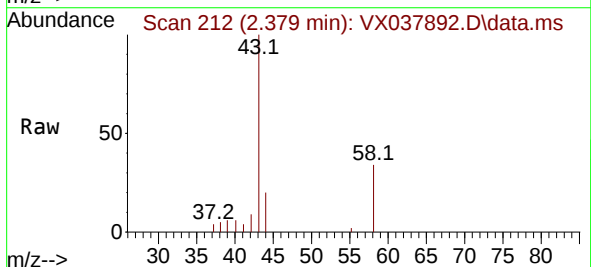
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW10A-GW-480-482

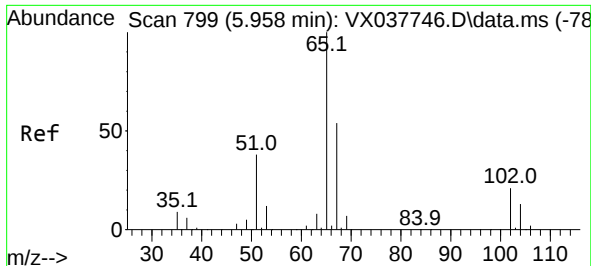
Tgt Ion:168 Resp: 263804  
Ion Ratio Lower Upper  
168 100  
99 58.0 56.6 85.0



#16  
Acetone  
Concen: 3.413 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX037892.D  
Acq: 25 Sep 2023 13:19

Tgt Ion: 43 Resp: 5690  
Ion Ratio Lower Upper  
43 100  
58 33.6 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 47.896 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037892.D

Acq: 25 Sep 2023 13:19

Instrument :

MSVOA\_X

ClientSampleId :

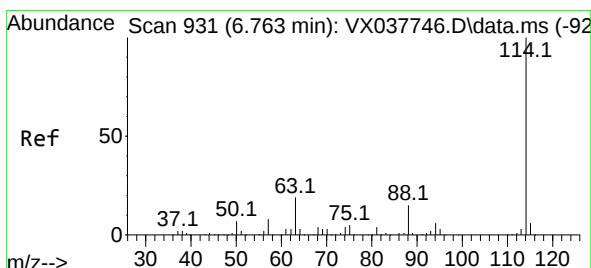
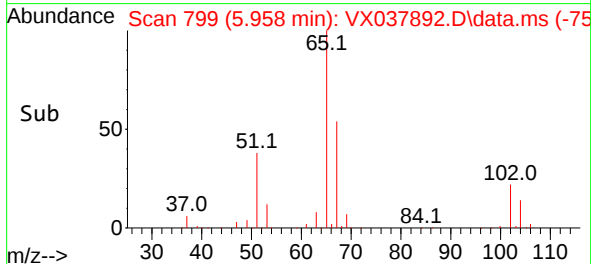
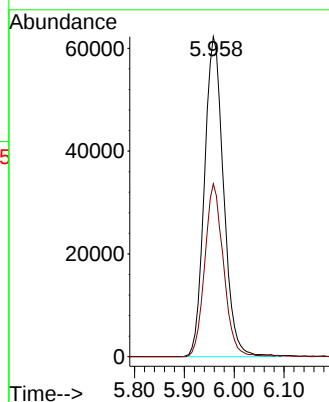
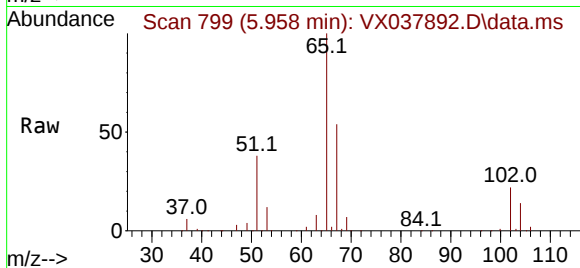
BP-VPB-RW10A-GW-480-482

Tgt Ion: 65 Resp: 166006

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037892.D

Acq: 25 Sep 2023 13:19

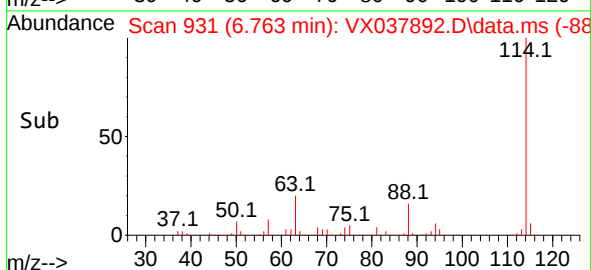
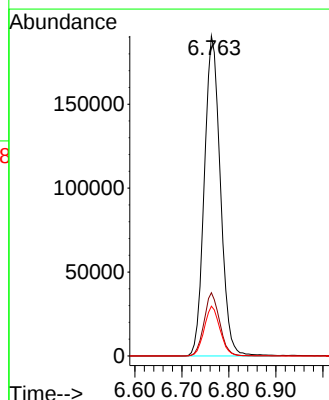
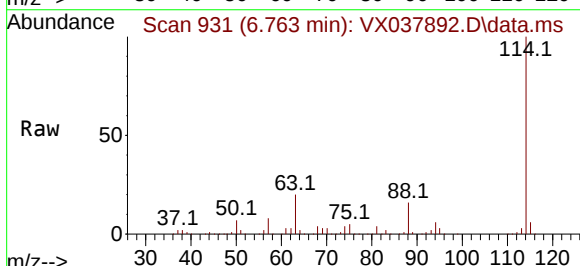
Tgt Ion: 114 Resp: 450947

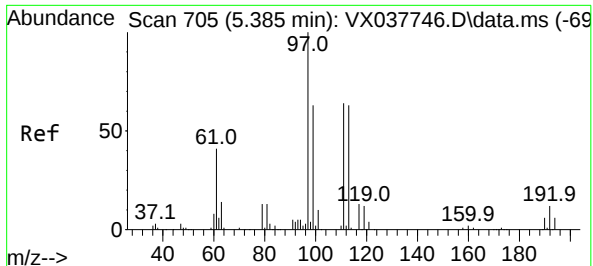
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.029 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037892.D

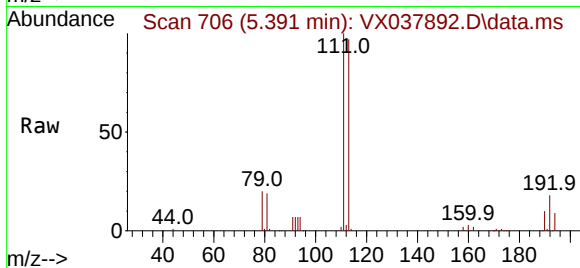
Acq: 25 Sep 2023 13:19

Instrument :

MSVOA\_X

ClientSampleId :

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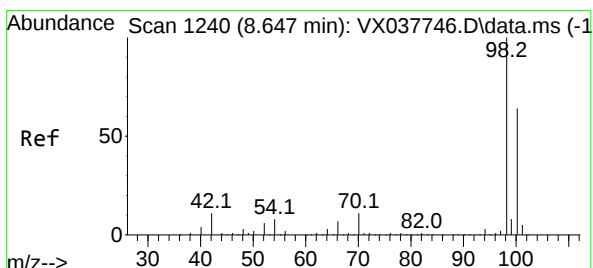
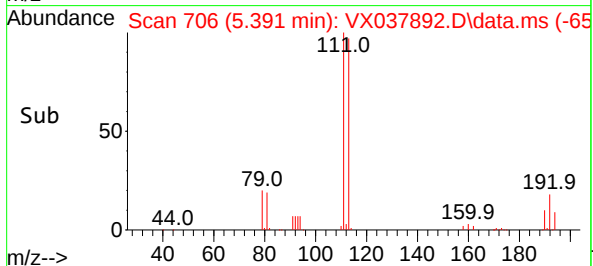
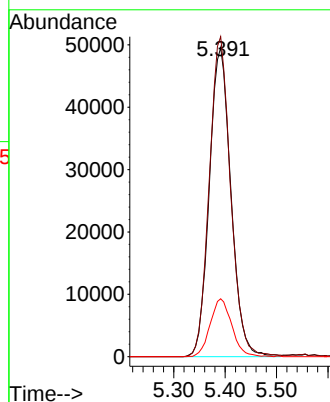
Tgt Ion:113 Resp: 144918

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

192 18.8 13.3 19.9



#50

Toluene-d8

Concen: 47.915 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037892.D

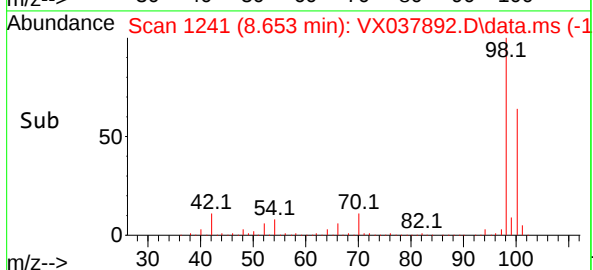
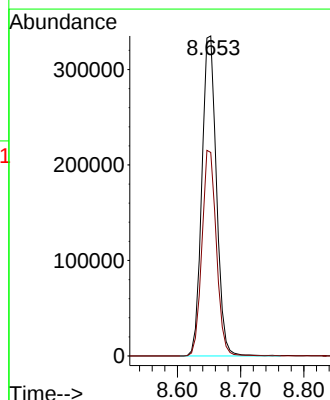
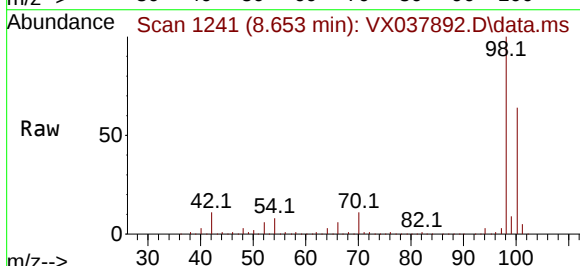
Acq: 25 Sep 2023 13:19

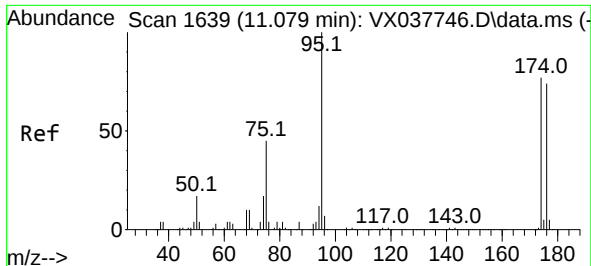
Tgt Ion: 98 Resp: 537185

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7

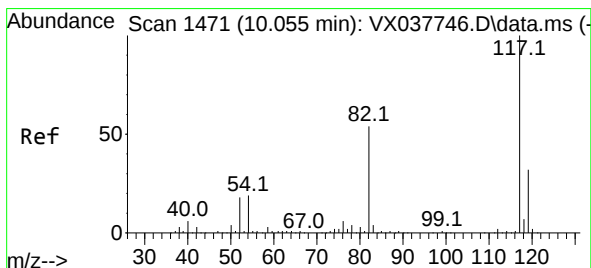
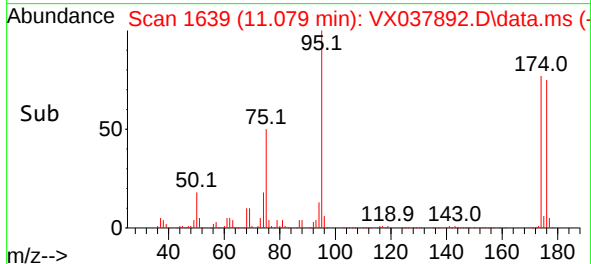
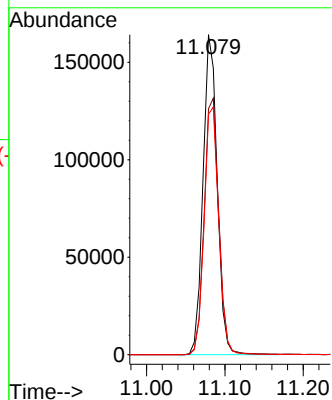
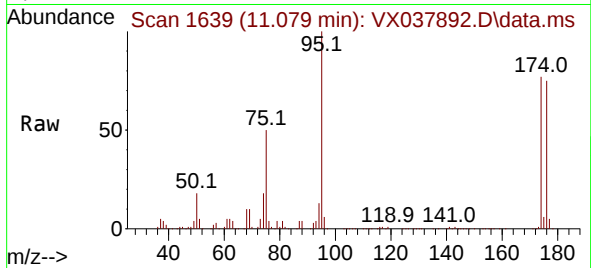




#62  
4-Bromofluorobenzene  
Concen: 50.693 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX037892.D  
Acq: 25 Sep 2023 13:19

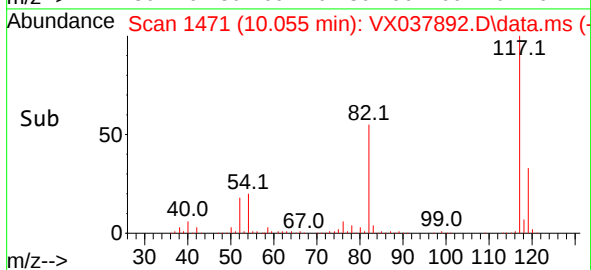
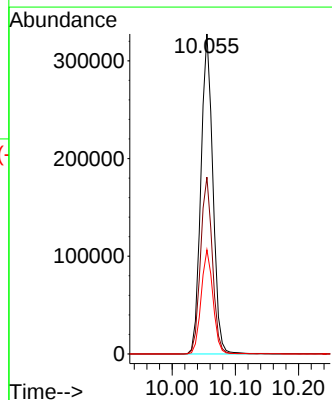
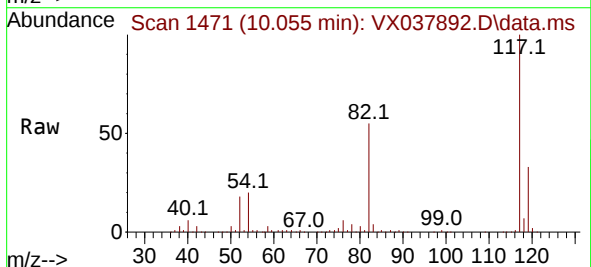
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW10A-GW-480-482

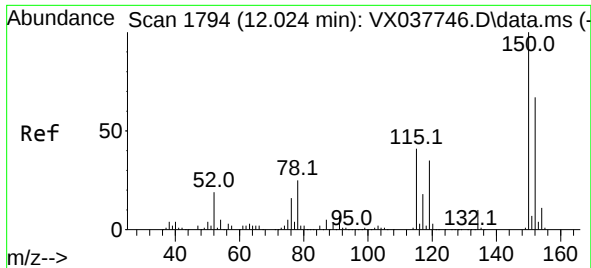
Tgt Ion: 95 Resp: 206521  
Ion Ratio Lower Upper  
95 100  
174 82.6 0.0 135.6  
176 79.8 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037892.D  
Acq: 25 Sep 2023 13:19

Tgt Ion: 117 Resp: 431452  
Ion Ratio Lower Upper  
117 100  
82 55.2 46.2 69.4  
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037892.D

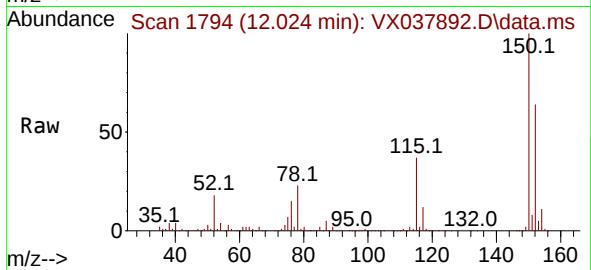
Acq: 25 Sep 2023 13:19

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-RW10A-GW-480-482



Tgt Ion:152 Resp: 224089

Ion Ratio Lower Upper

152 100

115 59.9 43.3 129.9

150 157.5 0.0 345.0

