

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080223\  
 Data File : VX036769.D  
 Acq On : 02 Aug 2023 14:41  
 Operator : JC/MD  
 Sample : 03862-11  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-4

Quant Time: Aug 03 07:28:40 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

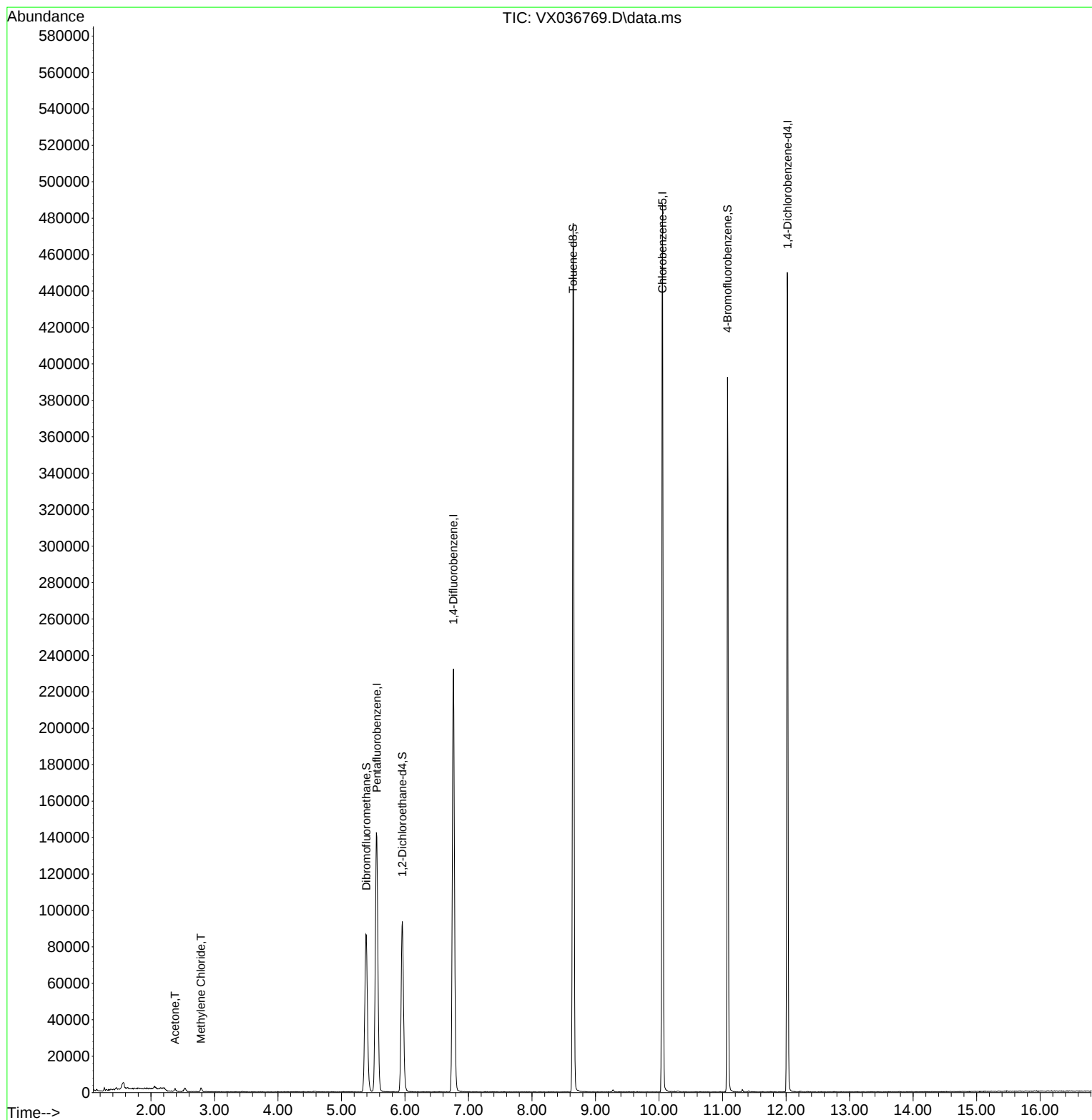
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 132842   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 240294   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 216762   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 93387    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 90232    | 45.906   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 91.820%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 75427    | 45.668   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 91.340%  |
| 50) Toluene-d8              | 8.647  | 98    | 283412   | 48.388   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 96.780%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 103039   | 46.628   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 93.260%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 1794     | 2.199    | ug/l   | 100      |
| 20) Methylene Chloride      | 2.788  | 84    | 1076     | 0.593    | ug/l # | 90       |
| -----                       |        |       |          |          |        |          |

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

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Quant Title : SW846 8260  
QLast Update : Fri Jul 21 12:14:12 2023  
Response via : Initial Calibration

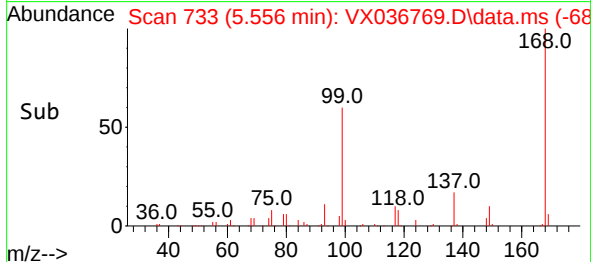
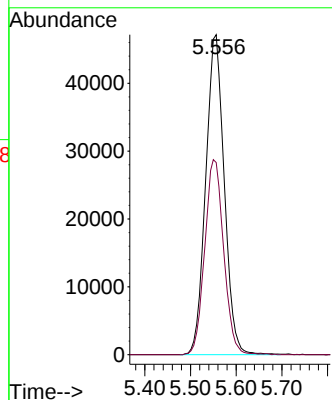
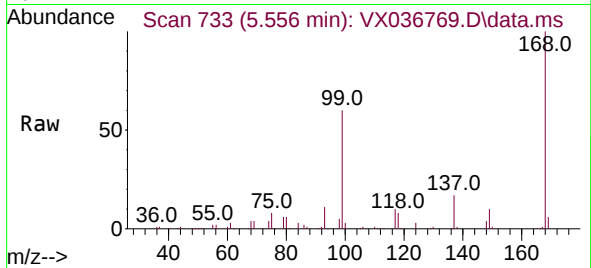




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX036769.D  
Acq: 02 Aug 2023 14:41

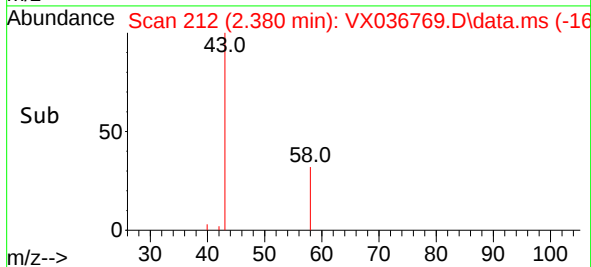
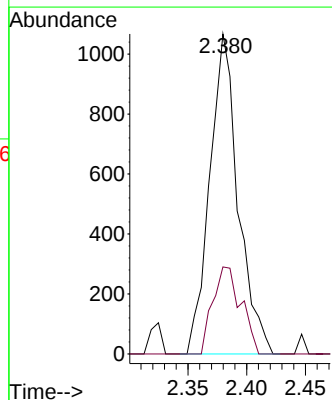
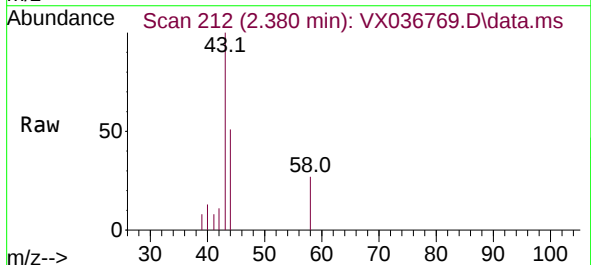
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-4

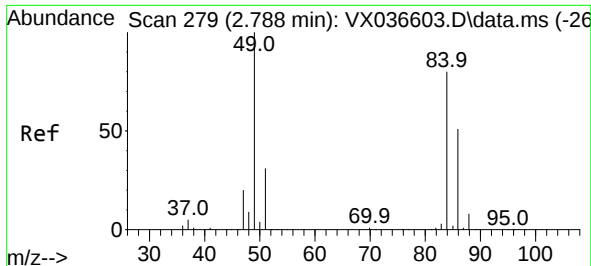
Tgt Ion:168 Resp: 132842  
Ion Ratio Lower Upper  
168 100  
99 60.1 56.6 85.0



#16  
Acetone  
Concen: 2.199 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.012 min  
Lab File: VX036769.D  
Acq: 02 Aug 2023 14:41

Tgt Ion: 43 Resp: 1794  
Ion Ratio Lower Upper  
43 100  
58 27.2 21.9 32.9





#20

Methylene Chloride

Concen: 0.593 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036769.D

Acq: 02 Aug 2023 14:41

Instrument :

MSVOA\_X

ClientSampleId :

TB-4

Tgt Ion: 84 Resp: 1076

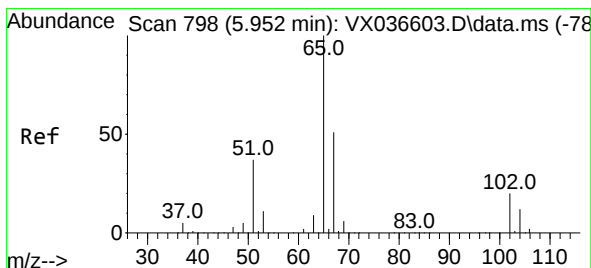
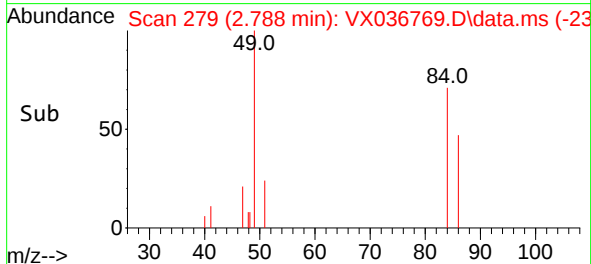
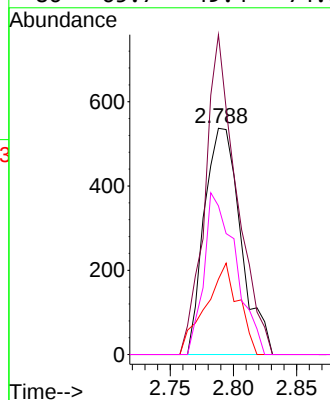
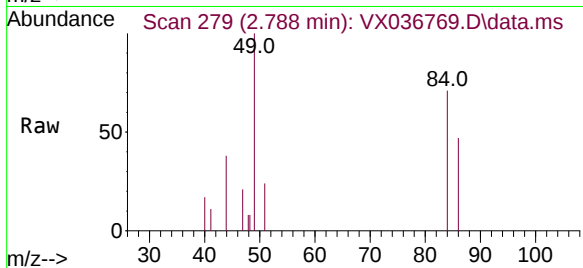
Ion Ratio Lower Upper

84 100

49 141.3 103.6 155.4

51 33.3 33.8 50.6#

86 65.7 49.4 74.0



#33

1,2-Dichloroethane-d4

Concen: 45.906 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX036769.D

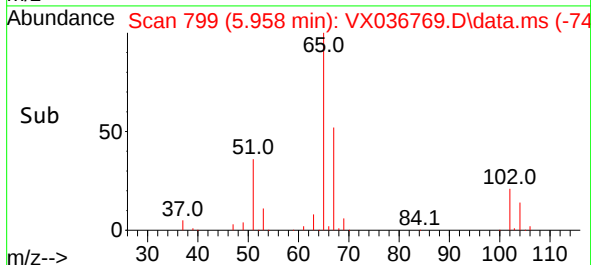
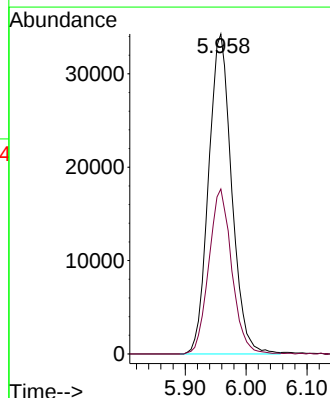
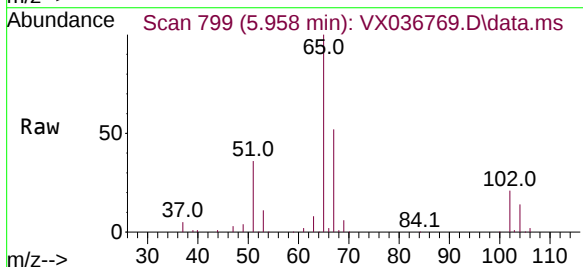
Acq: 02 Aug 2023 14:41

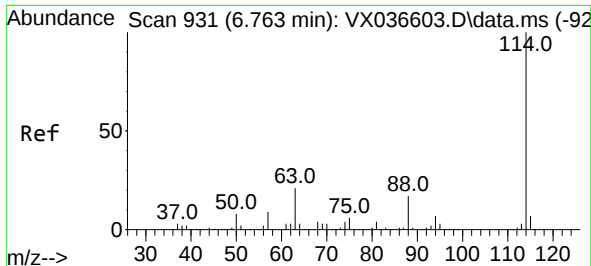
Tgt Ion: 65 Resp: 90232

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2

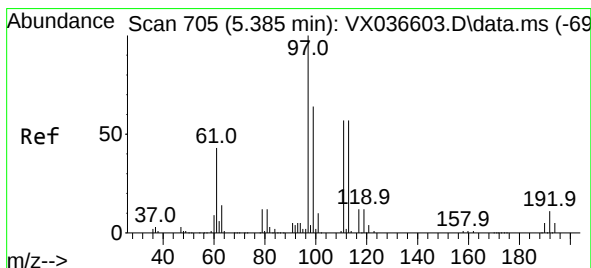
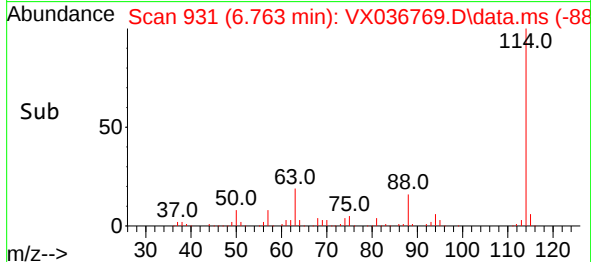
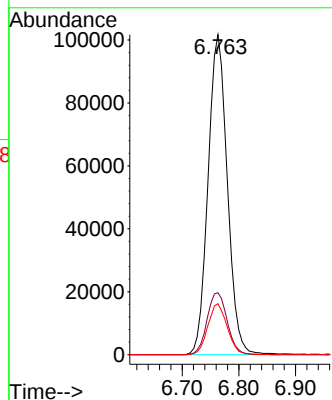
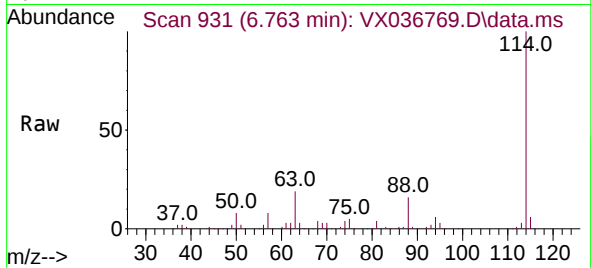




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX036769.D  
Acq: 02 Aug 2023 14:41

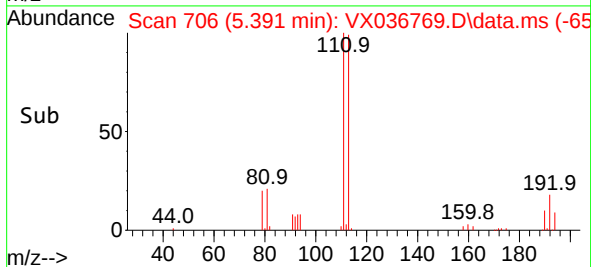
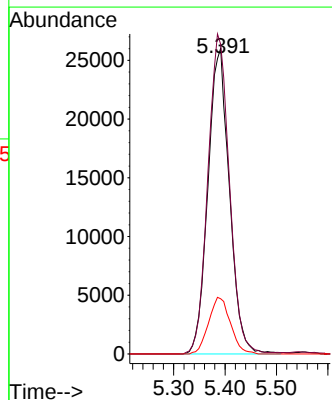
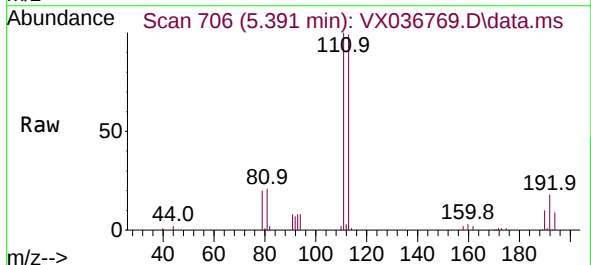
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-4

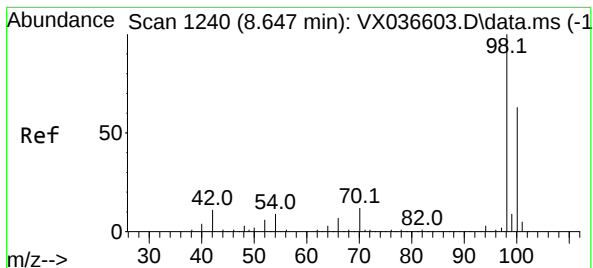
Tgt Ion:114 Resp: 240294  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 45.0  
88 16.0 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 45.668 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX036769.D  
Acq: 02 Aug 2023 14:41

Tgt Ion:113 Resp: 75427  
Ion Ratio Lower Upper  
113 100  
111 105.0 82.9 124.3  
192 18.8 13.3 19.9





#50

Toluene-d8

Concen: 48.388 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036769.D

Acq: 02 Aug 2023 14:41

Instrument :

MSVOA\_X

ClientSampleId :

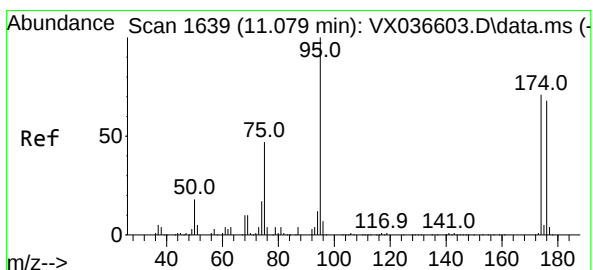
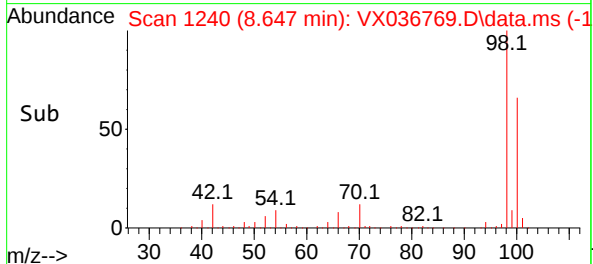
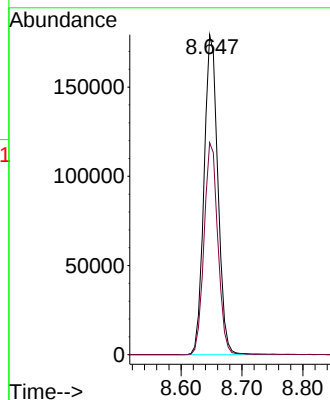
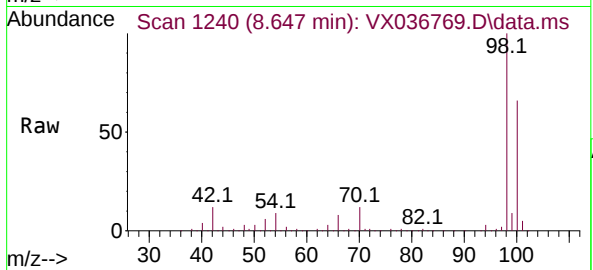
TB-4

Tgt Ion: 98 Resp: 283412

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.628 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036769.D

Acq: 02 Aug 2023 14:41

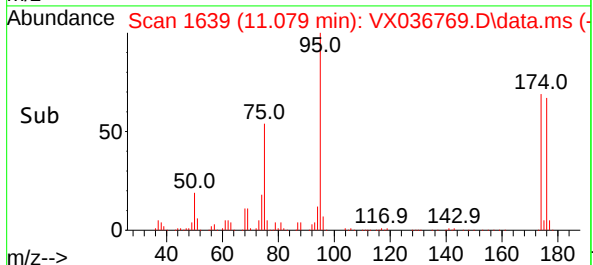
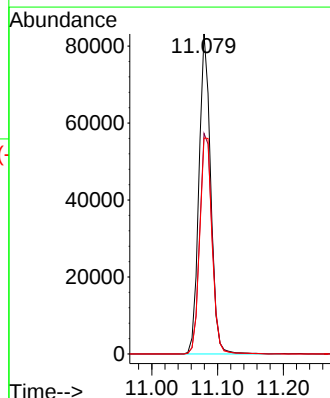
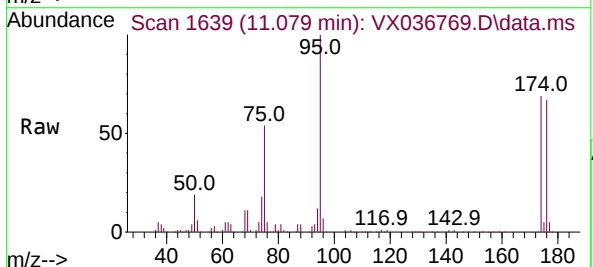
Tgt Ion: 95 Resp: 103039

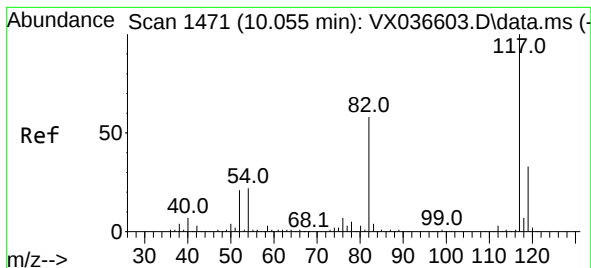
Ion Ratio Lower Upper

95 100

174 72.9 0.0 135.6

176 71.5 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: VX036769.D

Acq: 02 Aug 2023 14:41

Instrument :

MSVOA\_X

ClientSampleId :

TB-4

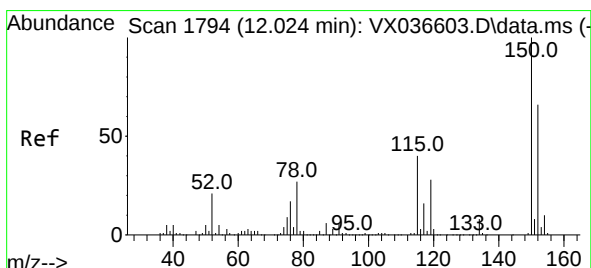
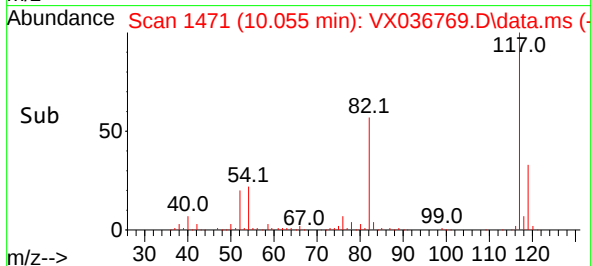
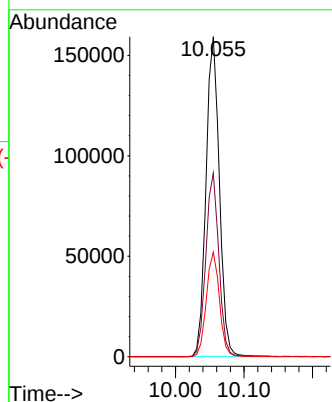
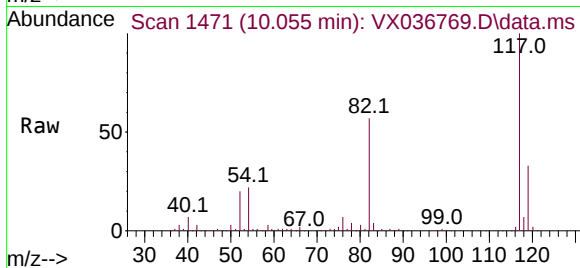
Tgt Ion:117 Resp: 216762

Ion Ratio Lower Upper

117 100

82 57.4 46.2 69.4

119 32.7 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: VX036769.D

Acq: 02 Aug 2023 14:41

Tgt Ion:152 Resp: 93387

Ion Ratio Lower Upper

152 100

115 63.1 43.3 129.9

150 159.1 0.0 345.0

