

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101823\  
 Data File : VX038360.D  
 Acq On : 18 Oct 2023 14:16  
 Operator : JC/MD  
 Sample : 04940-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GW-19-23-26

Quant Time: Oct 19 01:40:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 05 15:27:13 2023  
 Response via : Initial Calibration

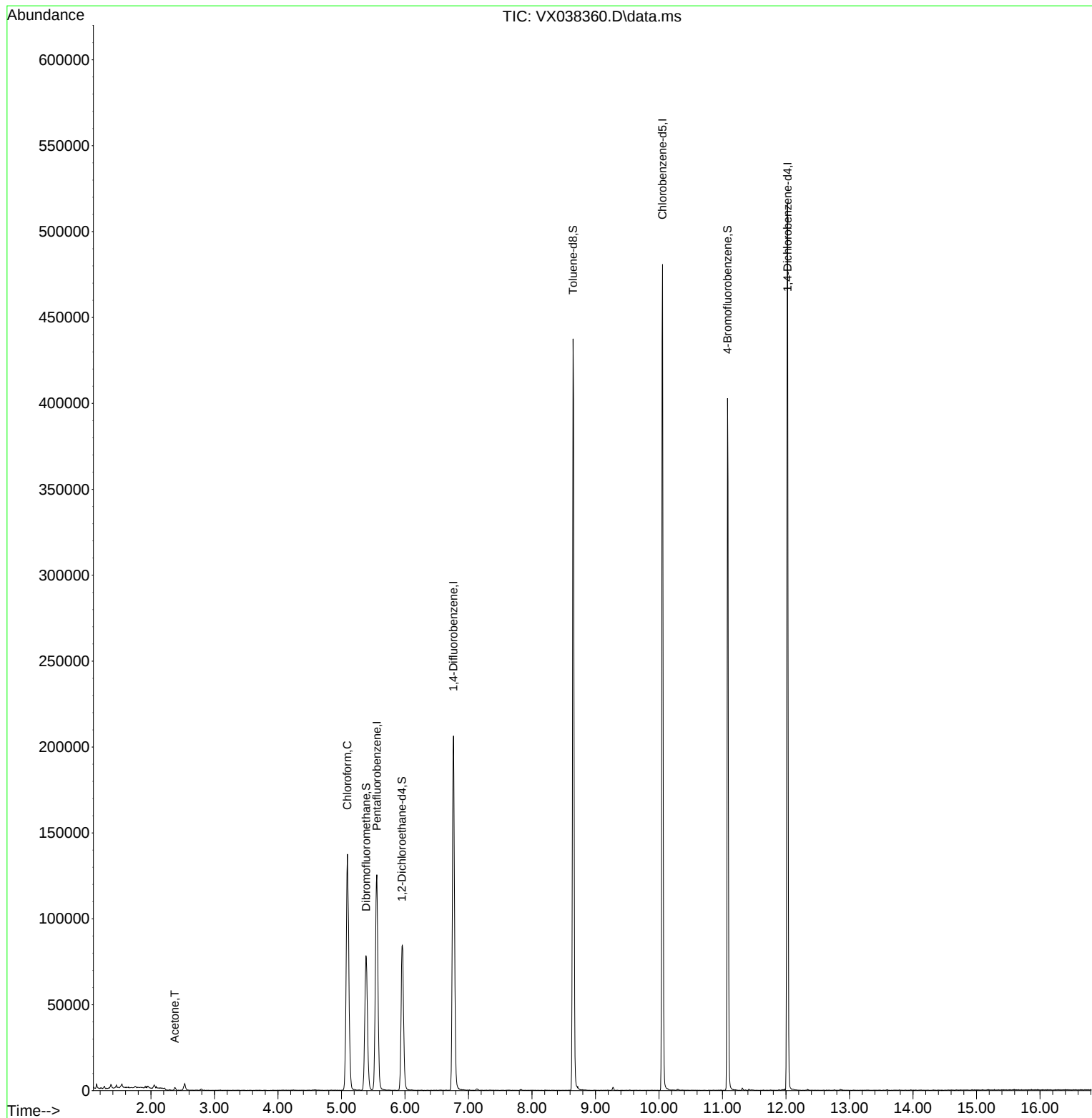
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 117219   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 210340   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 214697   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 110371   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 83037    | 44.042   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 88.080%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 68195    | 44.994   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 89.980%  |
| 50) Toluene-d8              | 8.647  | 98    | 262146   | 45.263   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 90.520%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 100894   | 45.952   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 91.900%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.374  | 43    | 1628     | 2.069    | ug/l # | 85       |
| 30) Chloroform              | 5.093  | 83    | 151738   | 56.872   | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

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

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Quant Title : SW846 8260  
QLast Update : Thu Oct 05 15:27:13 2023  
Response via : Initial Calibration

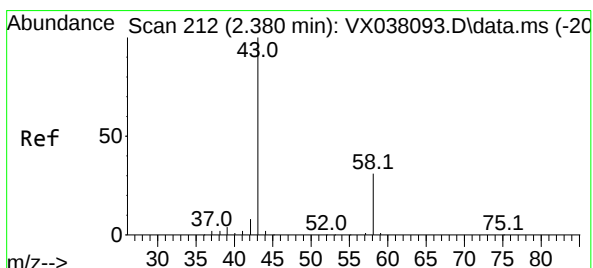
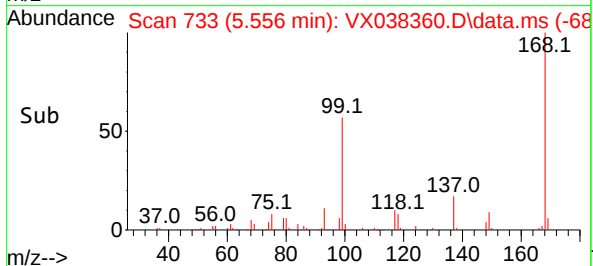
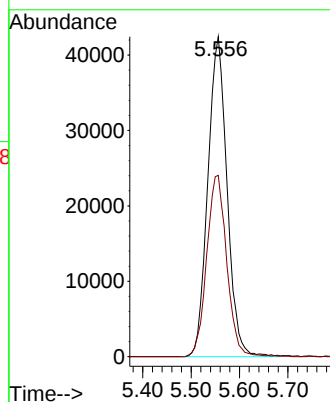
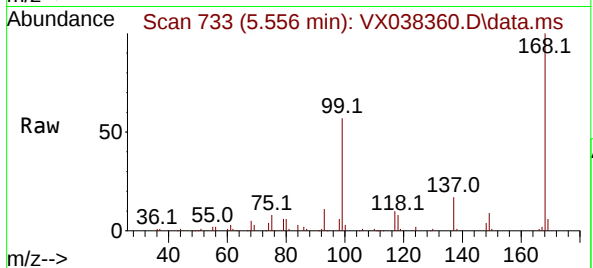




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX038360.D  
Acq: 18 Oct 2023 14:16

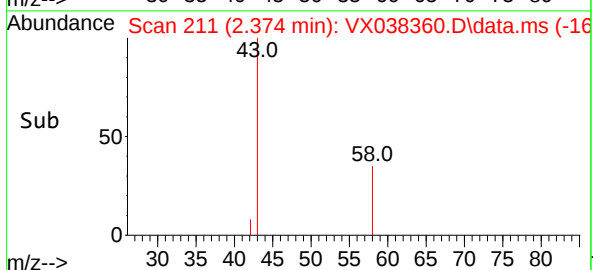
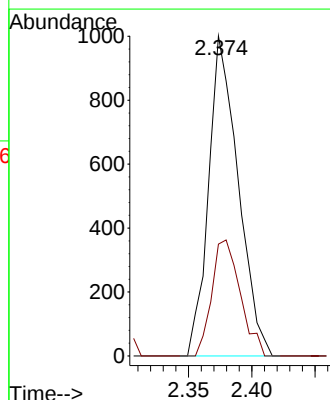
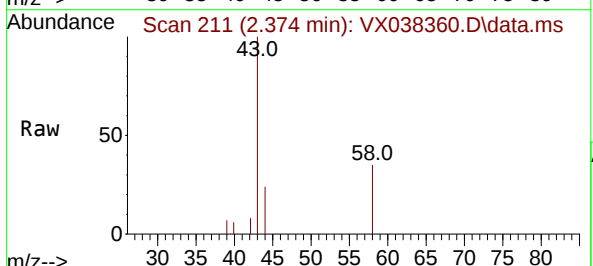
Instrument :  
MSVOA\_X  
ClientSampleId :  
GW-19-23-26

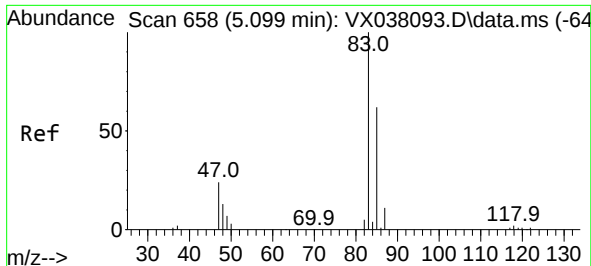
Tgt Ion:168 Resp: 117219  
Ion Ratio Lower Upper  
168 100  
99 56.6 56.6 85.0



#16  
Acetone  
Concen: 2.069 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX038360.D  
Acq: 18 Oct 2023 14:16

Tgt Ion: 43 Resp: 1628  
Ion Ratio Lower Upper  
43 100  
58 35.0 21.9 32.9#





#30

Chloroform

Concen: 56.872 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX038360.D

Acq: 18 Oct 2023 14:16

Instrument :

MSVOA\_X

ClientSampleId :

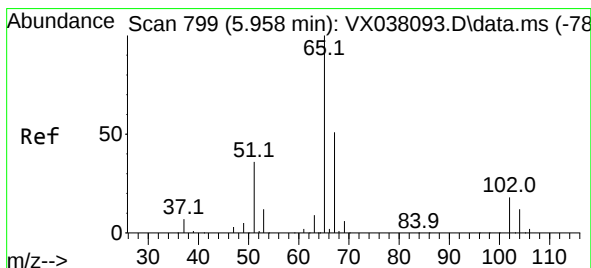
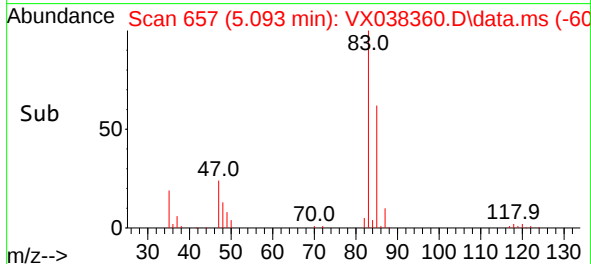
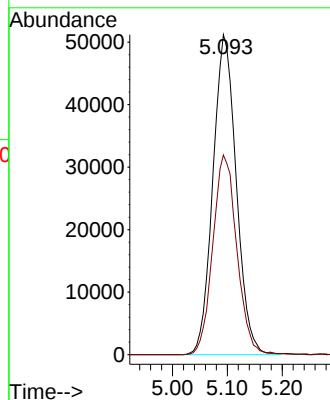
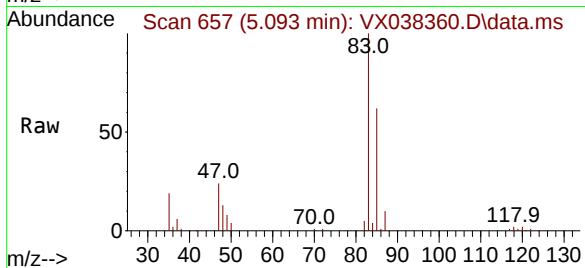
GW-19-23-26

Tgt Ion: 83 Resp: 151738

Ion Ratio Lower Upper

83 100

85 62.4 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 44.042 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX038360.D

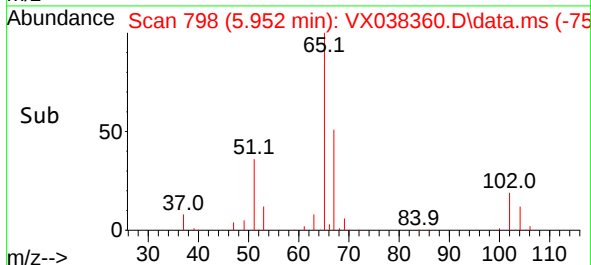
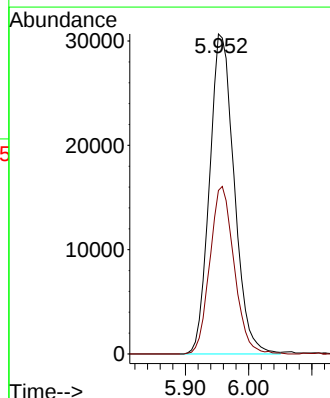
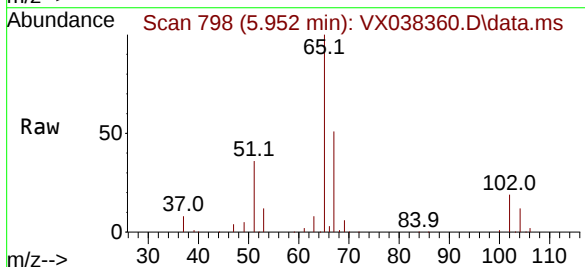
Acq: 18 Oct 2023 14:16

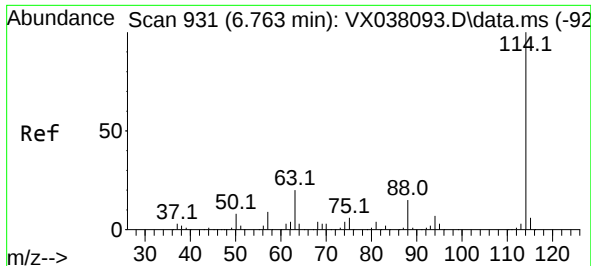
Tgt Ion: 65 Resp: 83037

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2

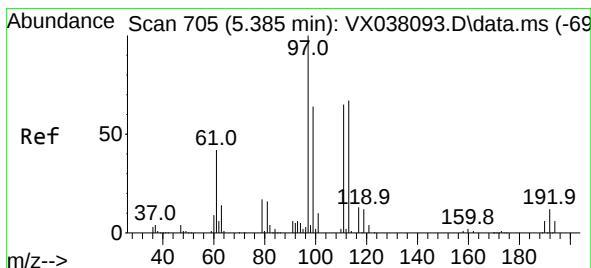
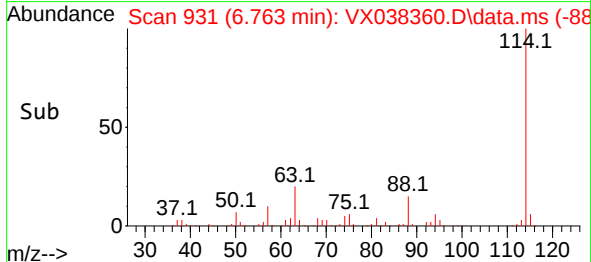
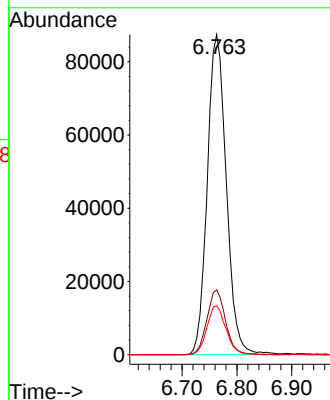
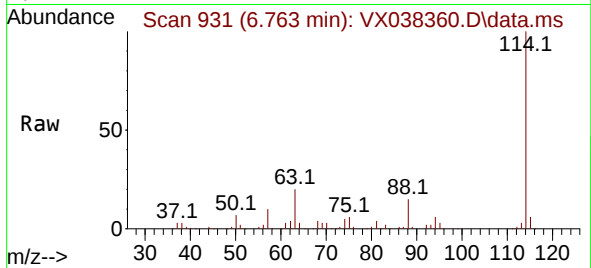




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX038360.D  
Acq: 18 Oct 2023 14:16

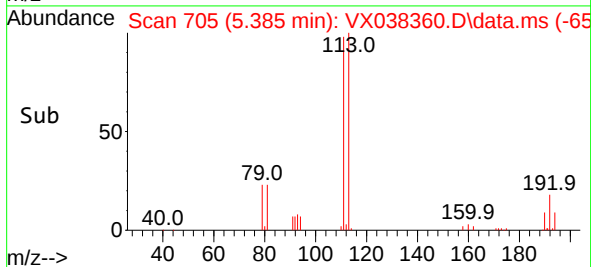
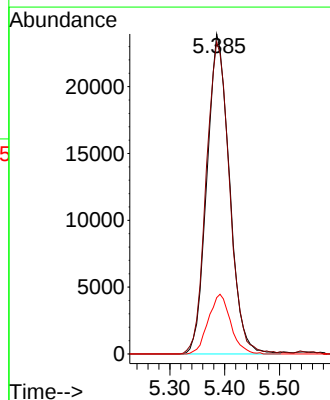
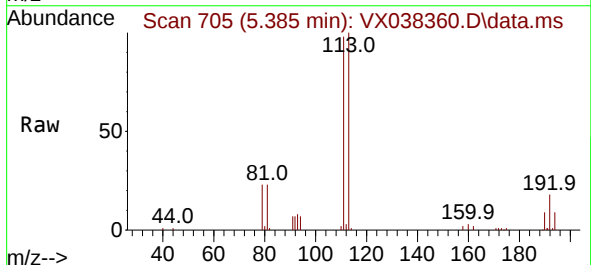
Instrument :  
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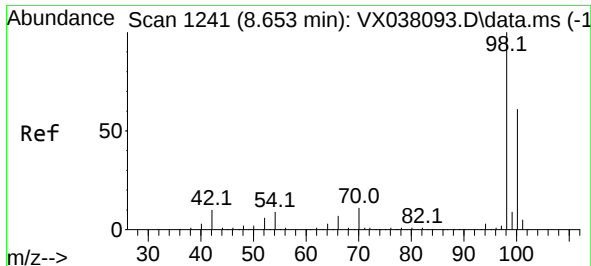
Tgt Ion:114 Resp: 210340  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 45.0  
88 15.3 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 44.994 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038360.D  
Acq: 18 Oct 2023 14:16

Tgt Ion:113 Resp: 68195  
Ion Ratio Lower Upper  
113 100  
111 101.4 82.9 124.3  
192 18.5 13.3 19.9





#50

Toluene-d8

Concen: 45.263 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038360.D

Acq: 18 Oct 2023 14:16

Instrument :

MSVOA\_X

ClientSampleId :

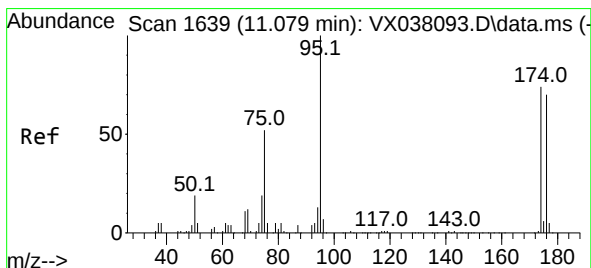
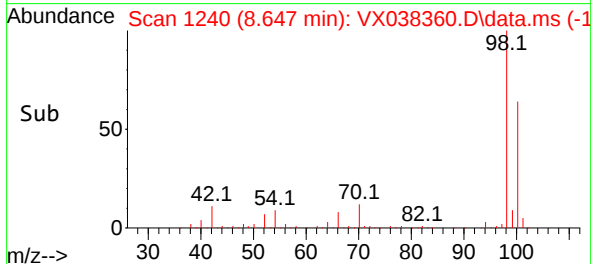
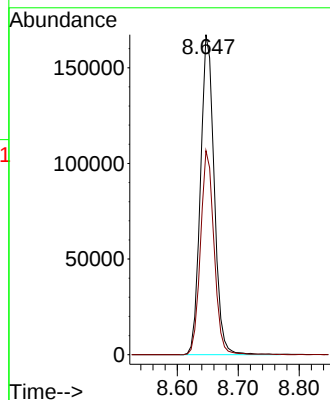
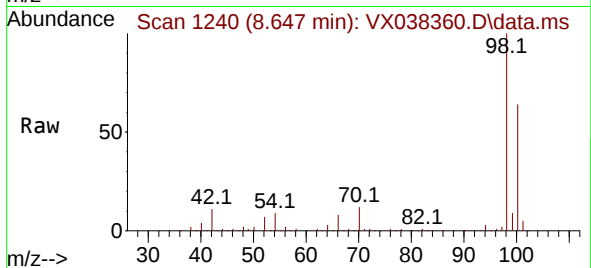
GW-19-23-26

Tgt Ion: 98 Resp: 262146

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.952 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038360.D

Acq: 18 Oct 2023 14:16

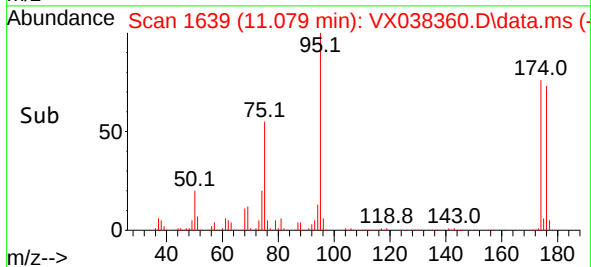
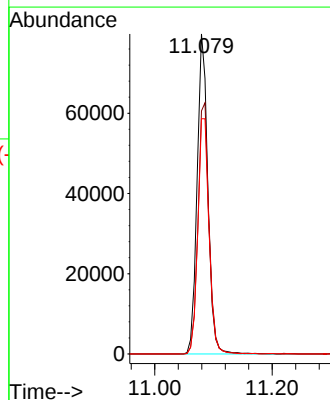
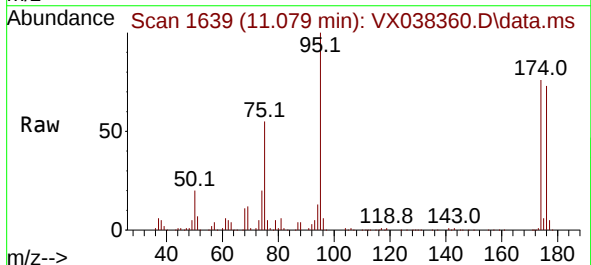
Tgt Ion: 95 Resp: 100894

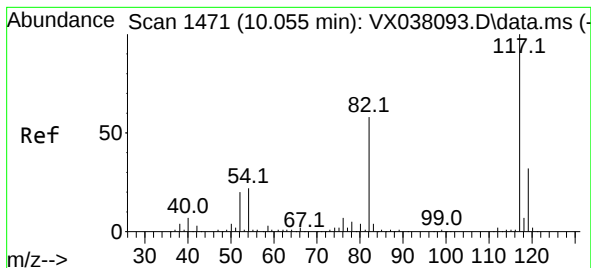
Ion Ratio Lower Upper

95 100

174 81.0 0.0 135.6

176 77.1 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: VX038360.D

Acq: 18 Oct 2023 14:16

Instrument :

MSVOA\_X

ClientSampleId :

GW-19-23-26

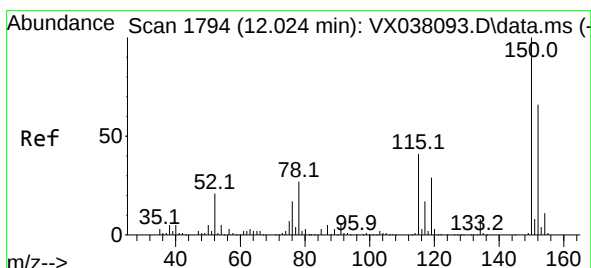
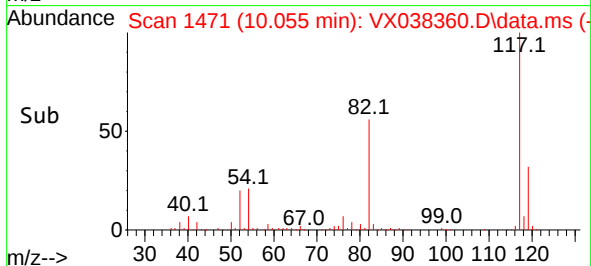
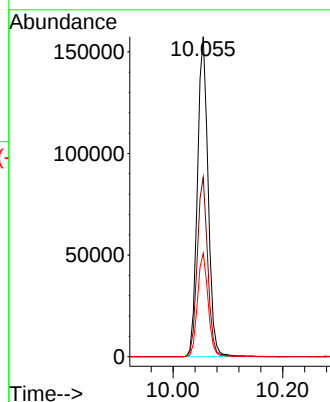
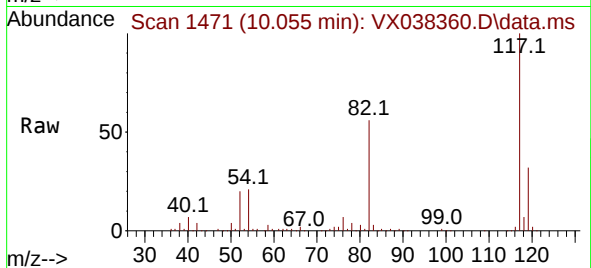
Tgt Ion:117 Resp: 214697

Ion Ratio Lower Upper

117 100

82 56.1 46.2 69.4

119 32.3 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: VX038360.D

Acq: 18 Oct 2023 14:16

Tgt Ion:152 Resp: 110371

Ion Ratio Lower Upper

152 100

115 61.0 43.3 129.9

150 155.7 0.0 345.0

