

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012224\  
 Data File : VX039877.D  
 Acq On : 22 Jan 2024 12:44  
 Operator : JC/MD  
 Sample : P1185-06DL 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SUMOGW-7-23-26DL

Quant Time: Jan 23 00:15:26 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

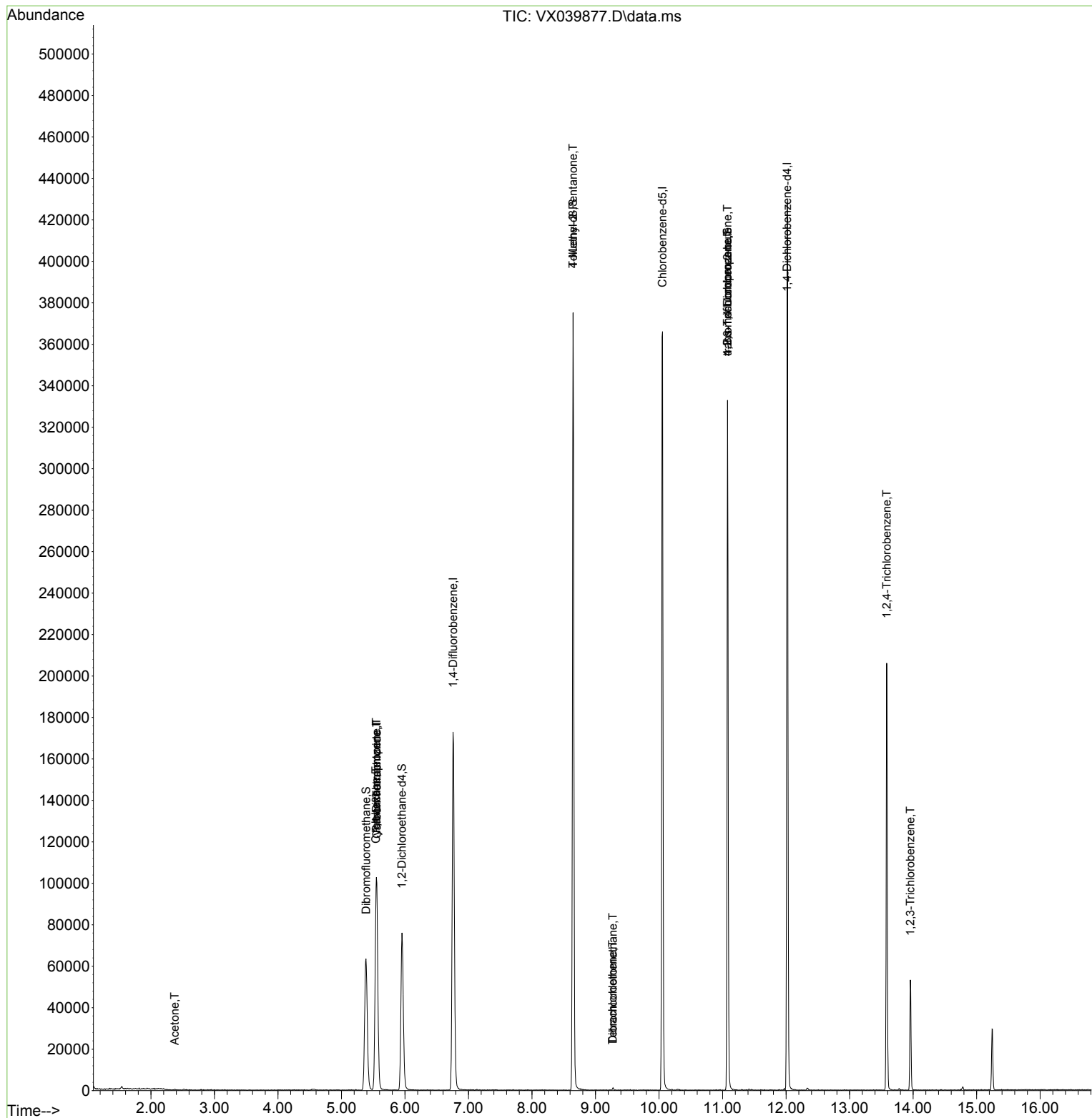
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 92252    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757  | 114   | 169141   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 160364   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018 | 152   | 82230    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 71993    | 46.587   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 93.180%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 55299    | 48.540   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 97.080%  |
| 50) Toluene-d8                | 8.647  | 98    | 209865   | 48.843   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 97.680%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 82916    | 49.348   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 98.700%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Acetone                   | 2.373  | 43    | 276      | 0.318    | ug/l # | 72       |
| 31) Cyclohexane               | 5.544  | 56    | 2497     | 1.224    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 8823     | 4.976    | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 10330    | 6.360    | ug/l # | 15       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 1077     | 0.451    | ug/l # | 1        |
| 60) Dibromochloromethane      | 9.275  | 129   | 330      | 0.274    | ug/l # | 11       |
| 64) Tetrachloroethene         | 9.268  | 164   | 248      | 0.238    | ug/l # | 53       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 47235    | 22.156   | ug/l # | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 47235    | 64.249   | ug/l # | 5        |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180   | 41274    | 24.449   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180   | 11056    | 6.489    | ug/l   | 97       |
| -----                         |        |       |          |          |        |          |

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

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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-7-23-26DL

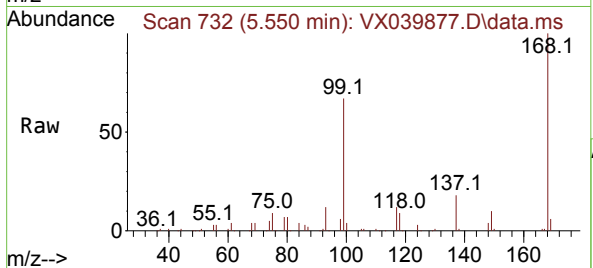
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:51:26 2024  
Response via : Initial Calibration



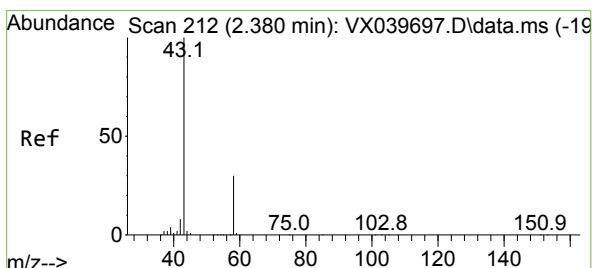
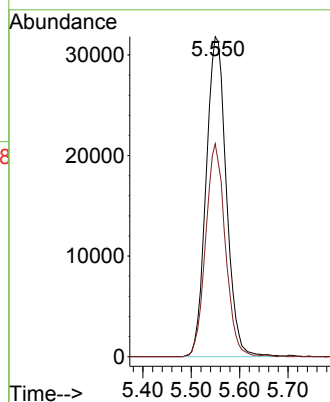
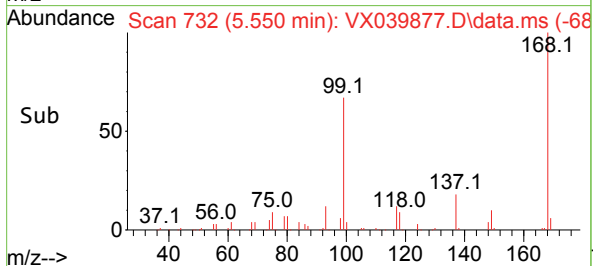


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-7-23-26DL

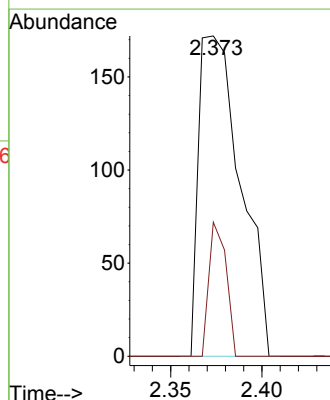
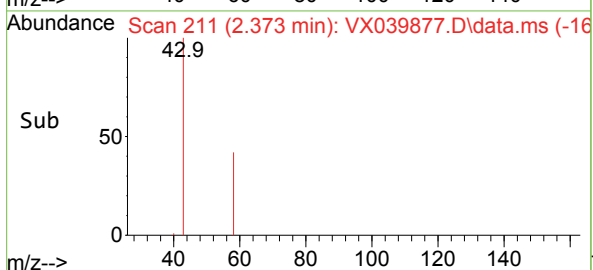
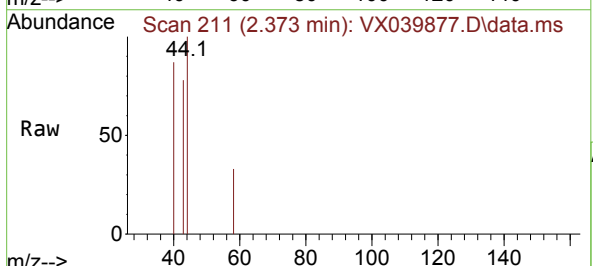


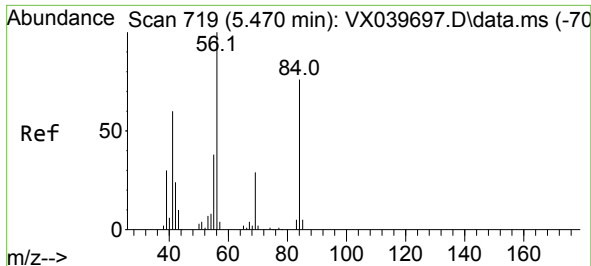
Tgt Ion:168 Resp: 92252  
Ion Ratio Lower Upper  
168 100  
99 66.6 56.6 85.0



#16  
Acetone  
Concen: 0.318 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

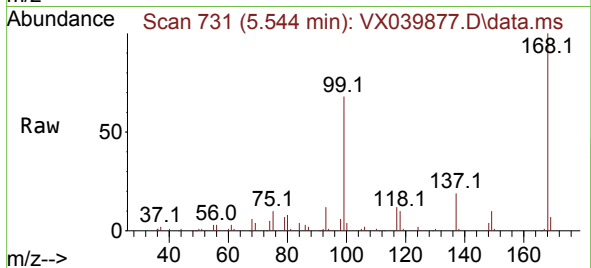
Tgt Ion: 43 Resp: 276  
Ion Ratio Lower Upper  
43 100  
58 41.9 21.9 32.9#



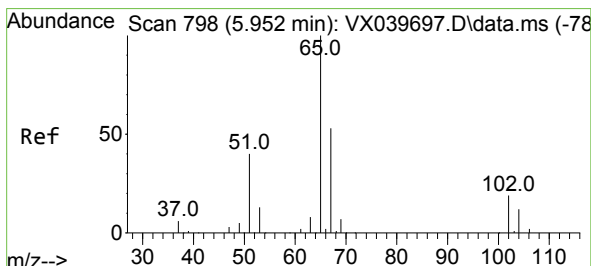
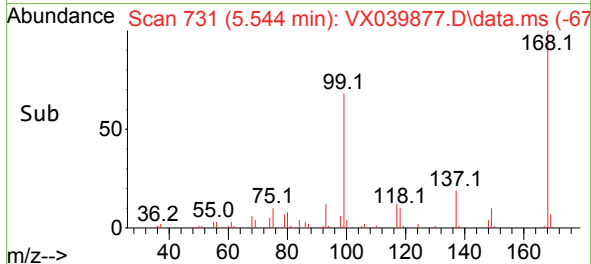
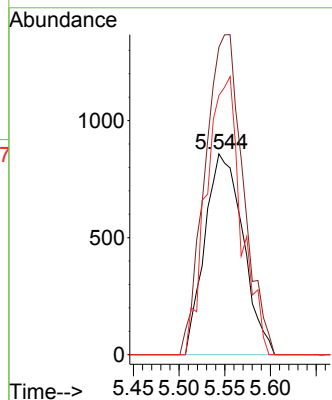


#31  
Cyclohexane  
Concen: 1.224 ug/l  
RT: 5.544 min Scan# 719  
Delta R.T. 0.073 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

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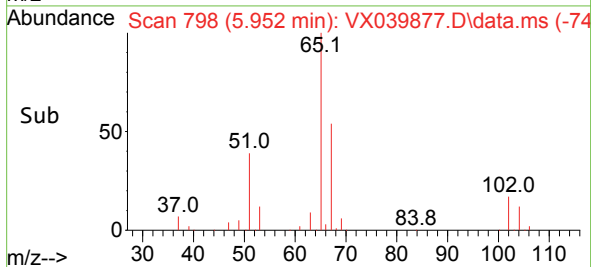
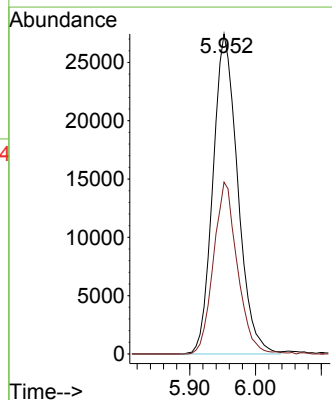
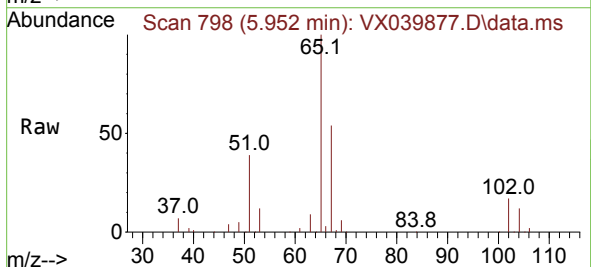


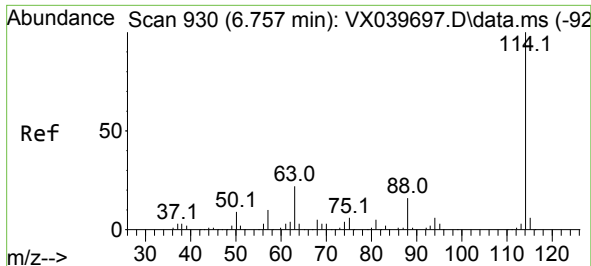
Tgt Ion: 56 Resp: 2497  
Ion Ratio Lower Upper  
56 100  
69 153.1 23.4 35.2#  
84 129.0 65.9 98.9#



#33  
1,2-Dichloroethane-d4  
Concen: 46.587 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

Tgt Ion: 65 Resp: 71993  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 100.2

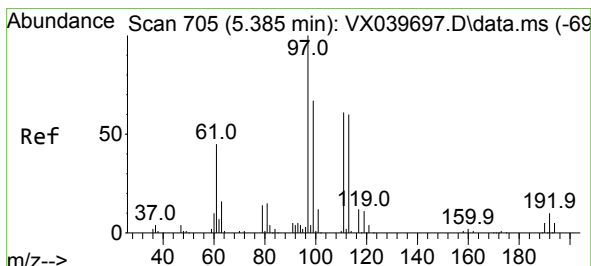
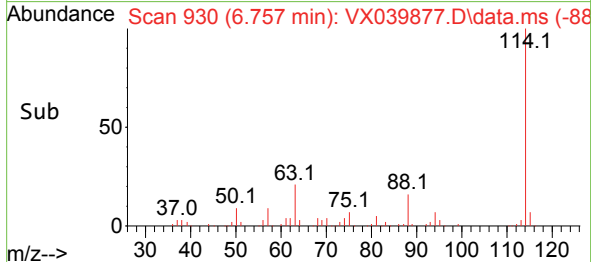
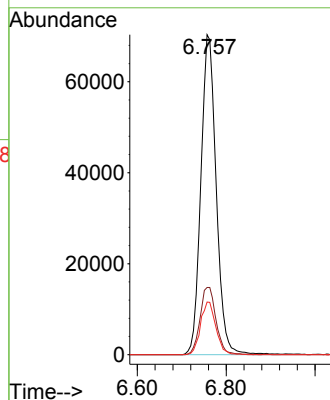
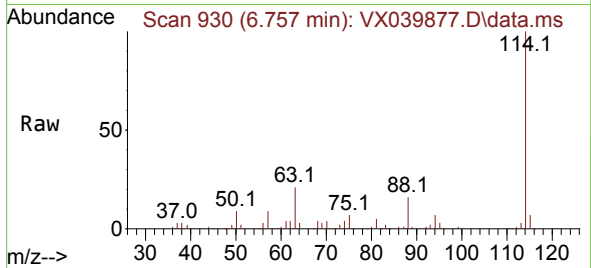




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

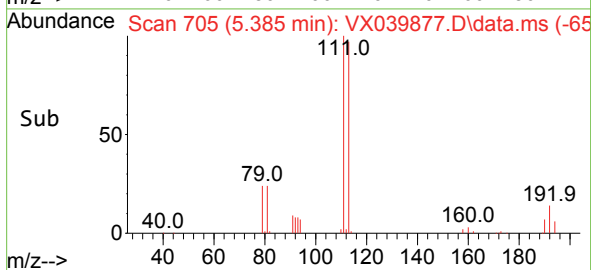
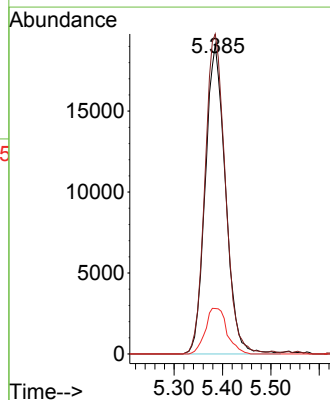
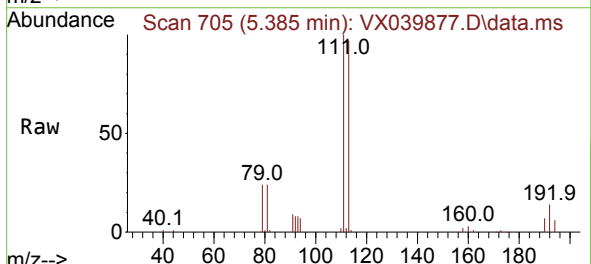
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-7-23-26DL

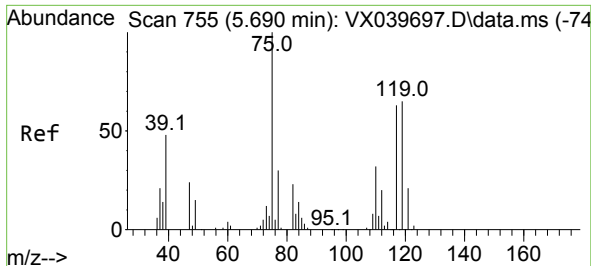
Tgt Ion:114 Resp: 169141  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 45.0  
88 16.5 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 48.540 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

Tgt Ion:113 Resp: 55299  
Ion Ratio Lower Upper  
113 100  
111 104.3 82.9 124.3  
192 15.8 13.3 19.9

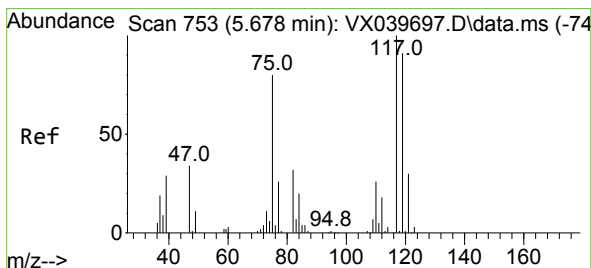
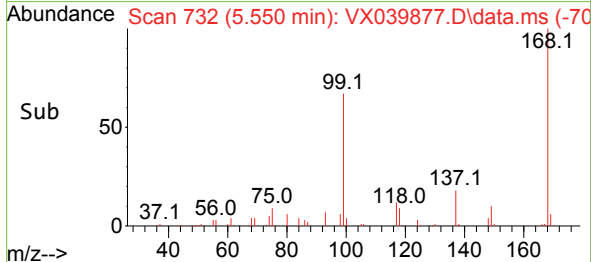
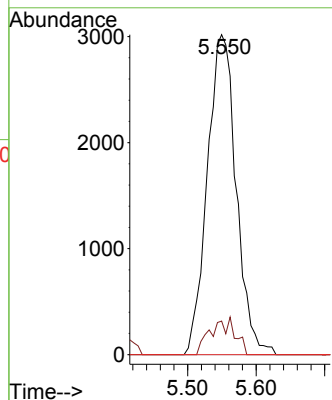
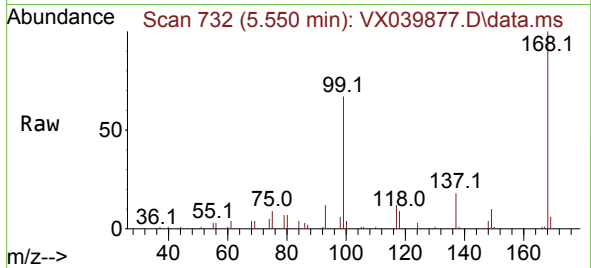




#36  
1,1-Dichloropropene  
Concen: 4.976 ug/l  
RT: 5.550 min Scan# 711  
Delta R.T. -0.140 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

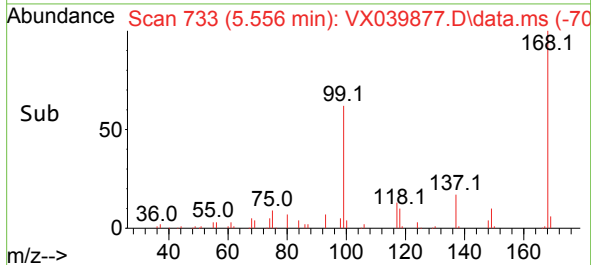
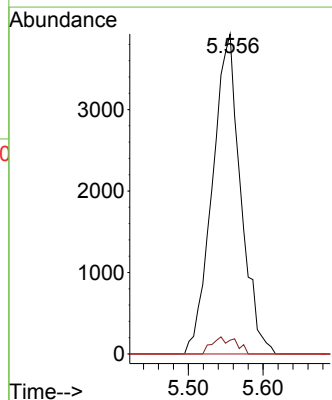
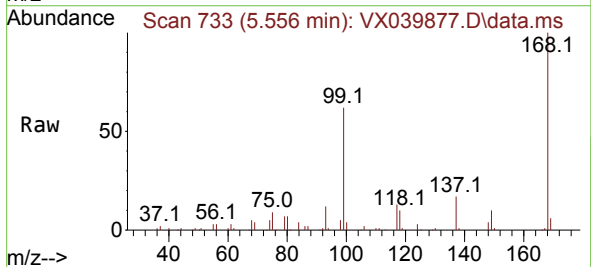
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-7-23-26DL

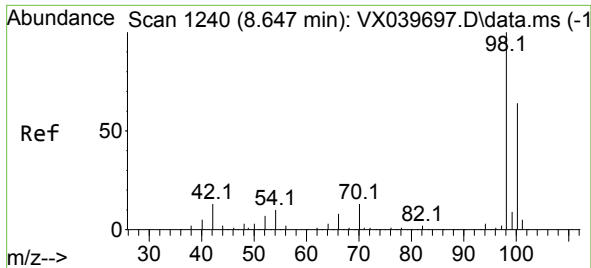
Tgt Ion: 75 Resp: 8823  
Ion Ratio Lower Upper  
75 100  
110 9.8 17.0 50.9#  
77 0.0 24.7 37.1#



#38  
Carbon Tetrachloride  
Concen: 6.360 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.122 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

Tgt Ion: 117 Resp: 10330  
Ion Ratio Lower Upper  
117 100  
119 4.3 78.2 117.2#  
121 0.0 24.4 36.6#

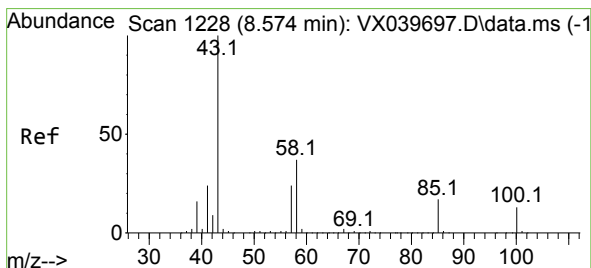
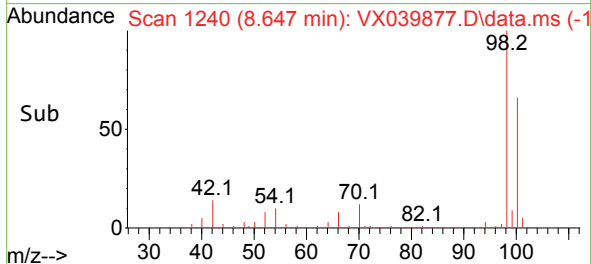
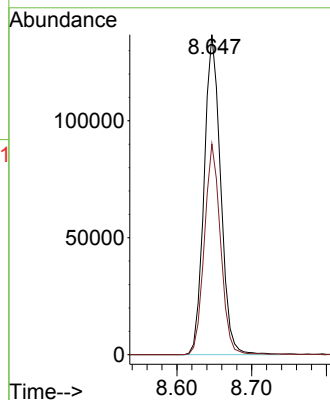
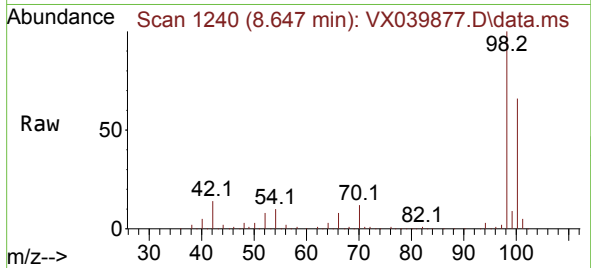




#50  
Toluene-d8  
Concen: 48.843 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

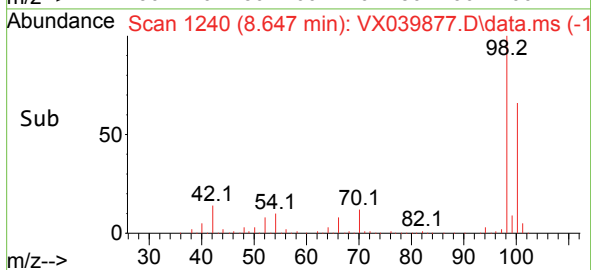
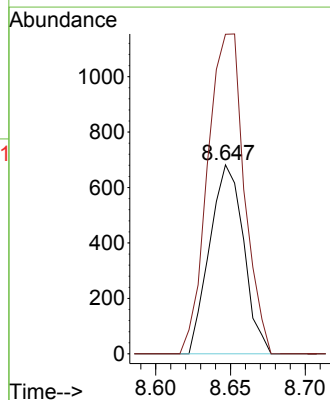
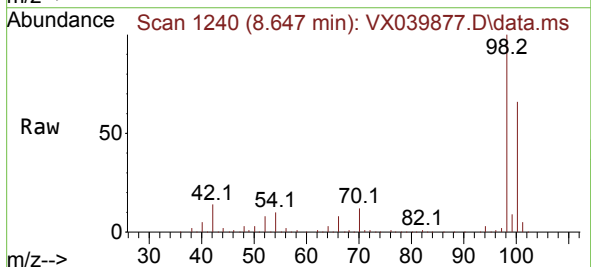
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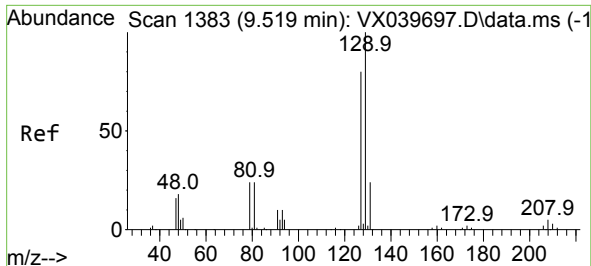
Tgt Ion: 98 Resp: 209865  
Ion Ratio Lower Upper  
98 100  
100 64.4 53.1 79.7



#51  
4-Methyl-2-Pentanone  
Concen: 0.451 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

Tgt Ion: 43 Resp: 1077  
Ion Ratio Lower Upper  
43 100  
58 182.7 30.4 45.6#

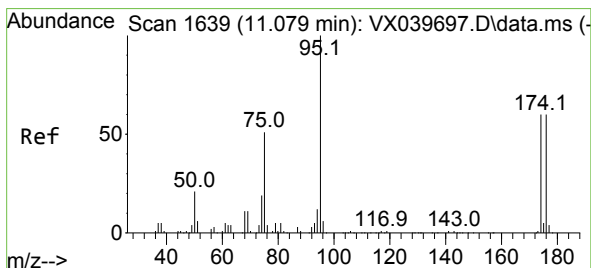
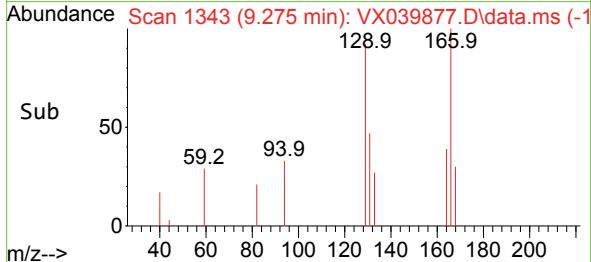
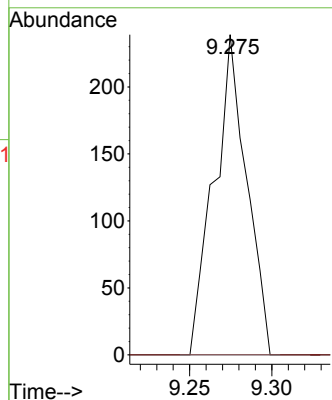
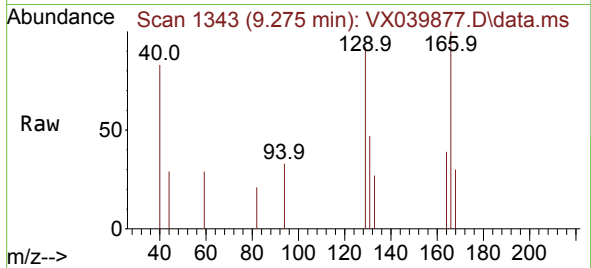




#60  
Dibromochloromethane  
Concen: 0.274 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. -0.244 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

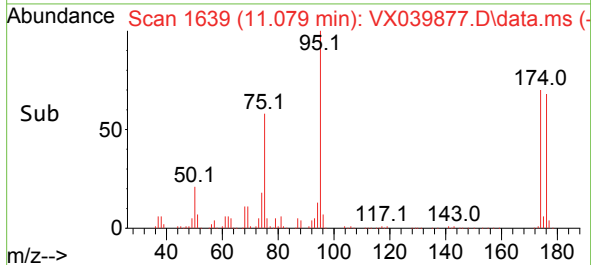
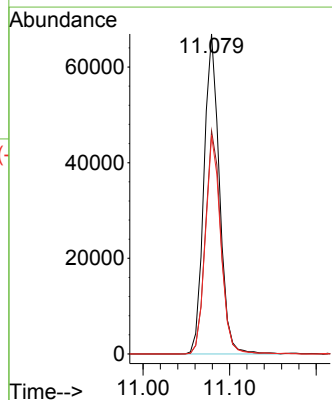
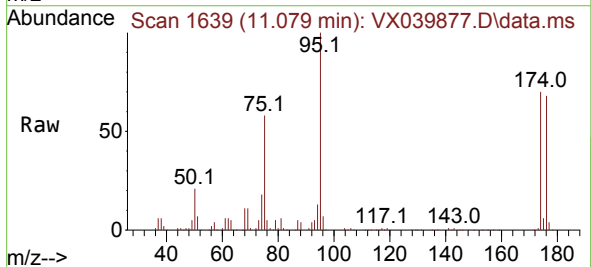
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MSVOA\_X  
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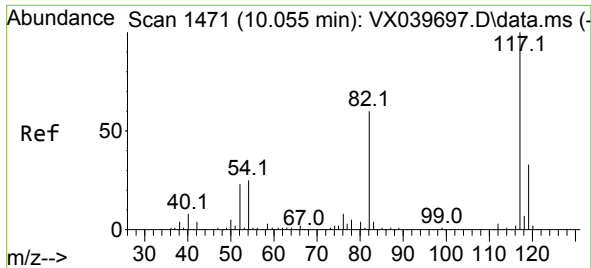
Tgt Ion:129 Resp: 330  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.8 116.4#



#62  
4-Bromofluorobenzene  
Concen: 49.348 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

Tgt Ion: 95 Resp: 82916  
Ion Ratio Lower Upper  
95 100  
174 70.3 0.0 135.6  
176 67.8 0.0 131.0

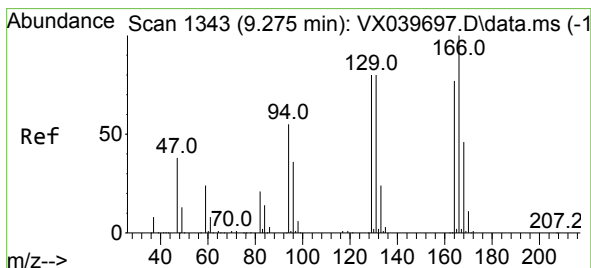
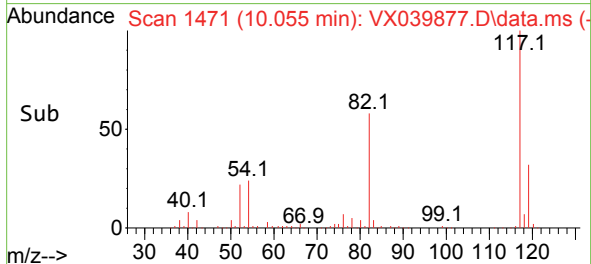
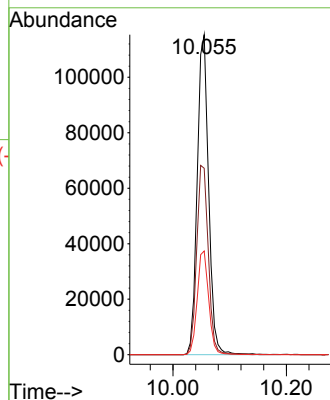
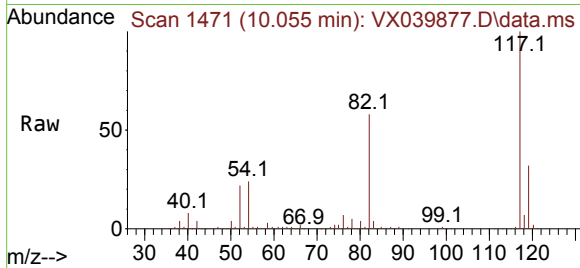




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

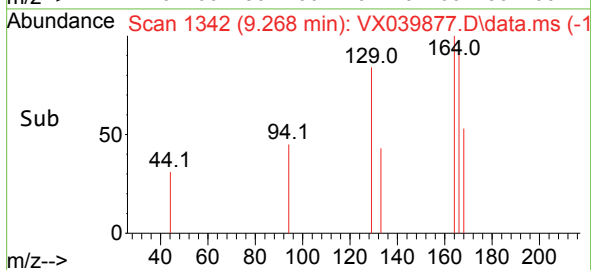
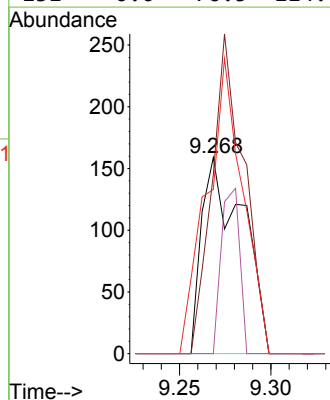
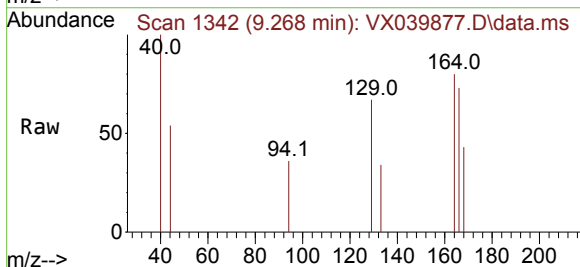
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-7-23-26DL

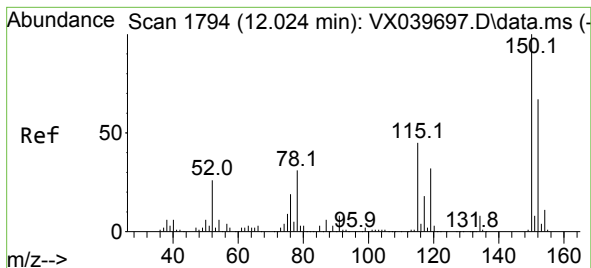
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Ion Ratio Lower Upper  
117 100  
82 58.3 46.2 69.4  
119 32.4 25.5 38.3



#64  
Tetrachloroethene  
Concen: 0.238 ug/l  
RT: 9.268 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

Tgt Ion:164 Resp: 248  
Ion Ratio Lower Upper  
164 100  
166 91.2 102.7 154.1#  
129 83.6 80.4 120.6  
131 0.0 76.5 114.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039877.D

Acq: 22 Jan 2024 12:44

Instrument :

MSVOA\_X

ClientSampleId :

SUMOGW-7-23-26DL

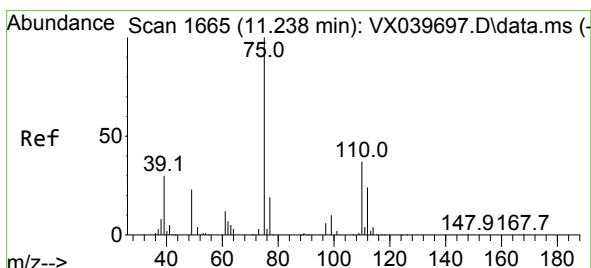
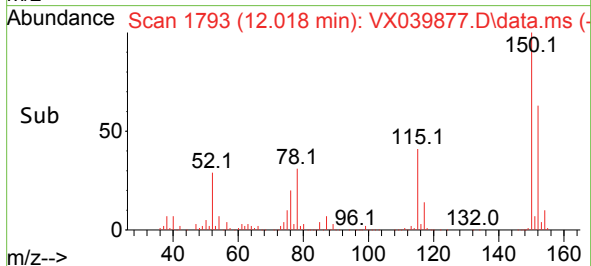
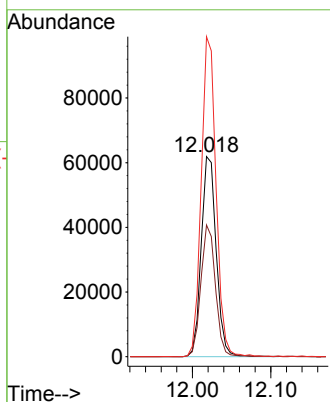
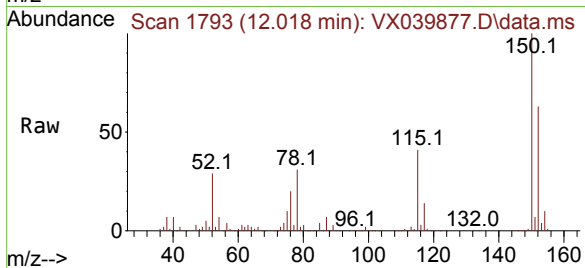
Tgt Ion:152 Resp: 82230

Ion Ratio Lower Upper

152 100

115 64.0 43.3 129.9

150 158.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.156 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039877.D

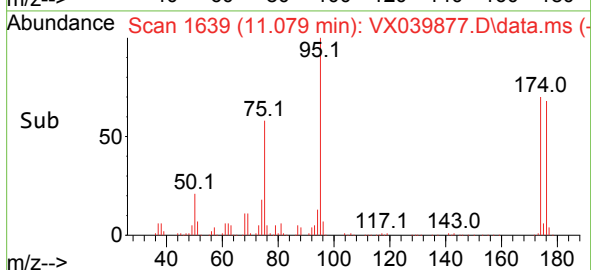
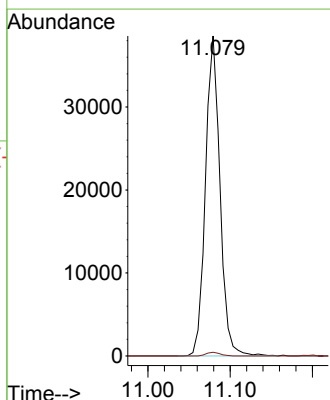
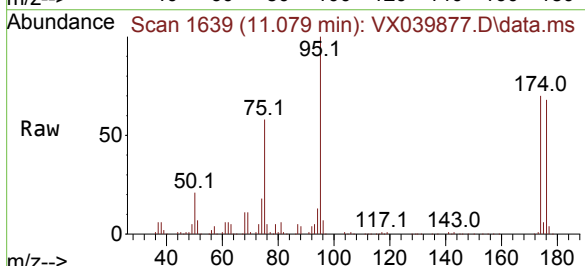
Acq: 22 Jan 2024 12:44

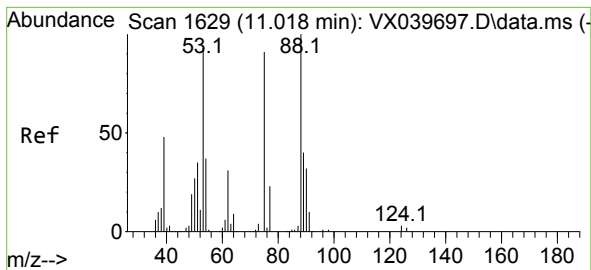
Tgt Ion: 75 Resp: 47235

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

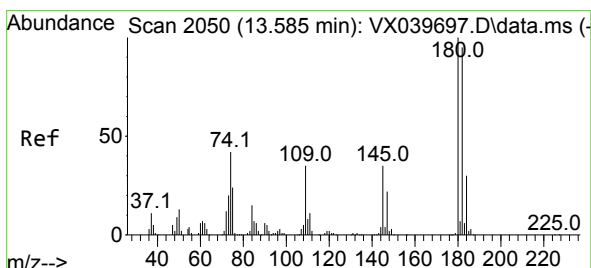
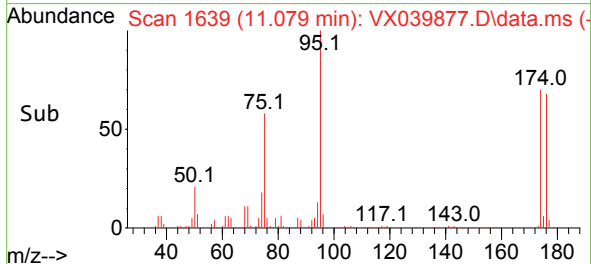
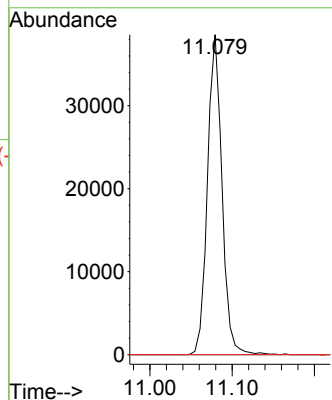
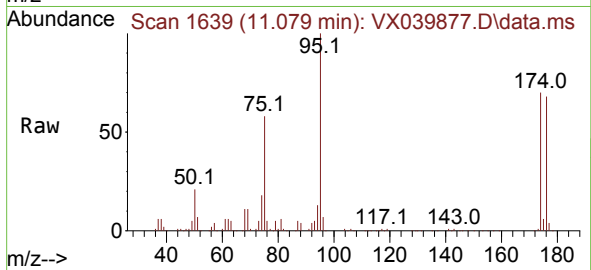




#81  
trans-1,4-Dichloro-2-butene  
Concen: 64.249 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.061 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

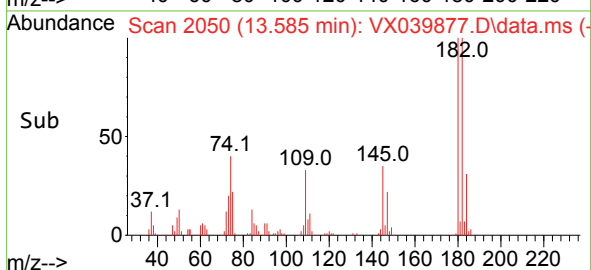
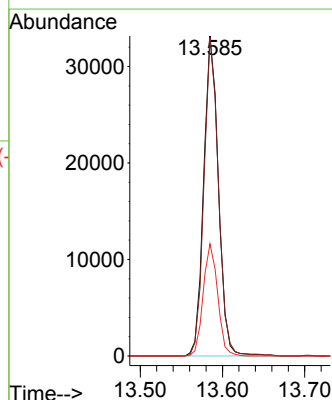
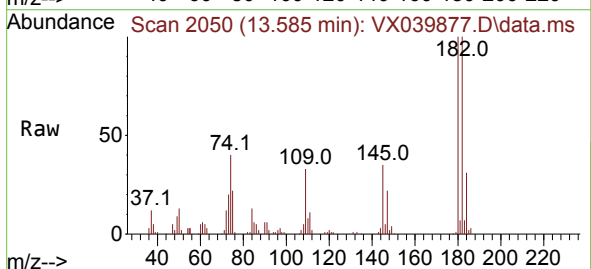
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-7-23-26DL

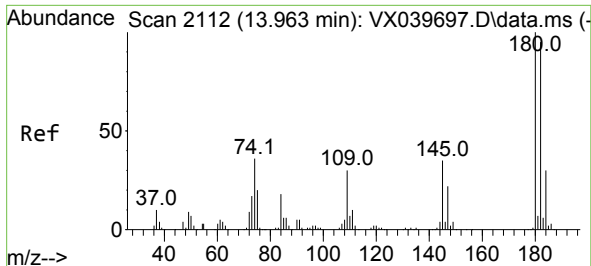
Tgt Ion: 75 Resp: 47235  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#



#93  
1,2,4-Trichlorobenzene  
Concen: 24.449 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: VX039877.D  
Acq: 22 Jan 2024 12:44

Tgt Ion:180 Resp: 41274  
Ion Ratio Lower Upper  
180 100  
182 97.8 48.3 144.8  
145 34.3 18.0 54.0





#96

1,2,3-Trichlorobenzene

Concen: 6.489 ug/l

RT: 13.957 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039877.D

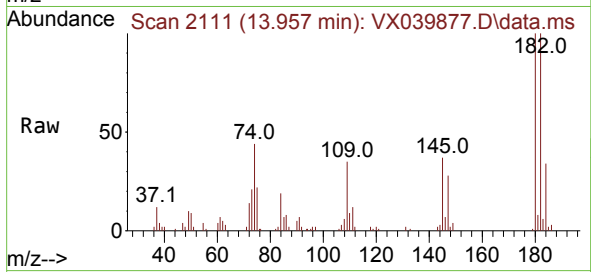
Acq: 22 Jan 2024 12:44

Instrument :

MSVOA\_X

ClientSampleId :

SUMOGW-7-23-26DL



Tgt Ion:180 Resp: 11056

Ion Ratio Lower Upper

180 100

182 96.9 46.9 140.6

145 35.2 17.8 53.5

