

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011924\  
 Data File : VX039846.D  
 Acq On : 19 Jan 2024 17:52  
 Operator : JC/MD  
 Sample : P1184-15  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SUMOGW-5-37-40

Quant Time: Jan 20 00:29:43 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  | 80451    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 148096   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 143721   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 69635    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 63391    | 47.037   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 94.080% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 48500    | 48.622   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 97.240% |
| 50) Toluene-d8              | 8.647  | 98    | 182887   | 48.613   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 97.220% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 70445    | 47.884   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 95.760% |

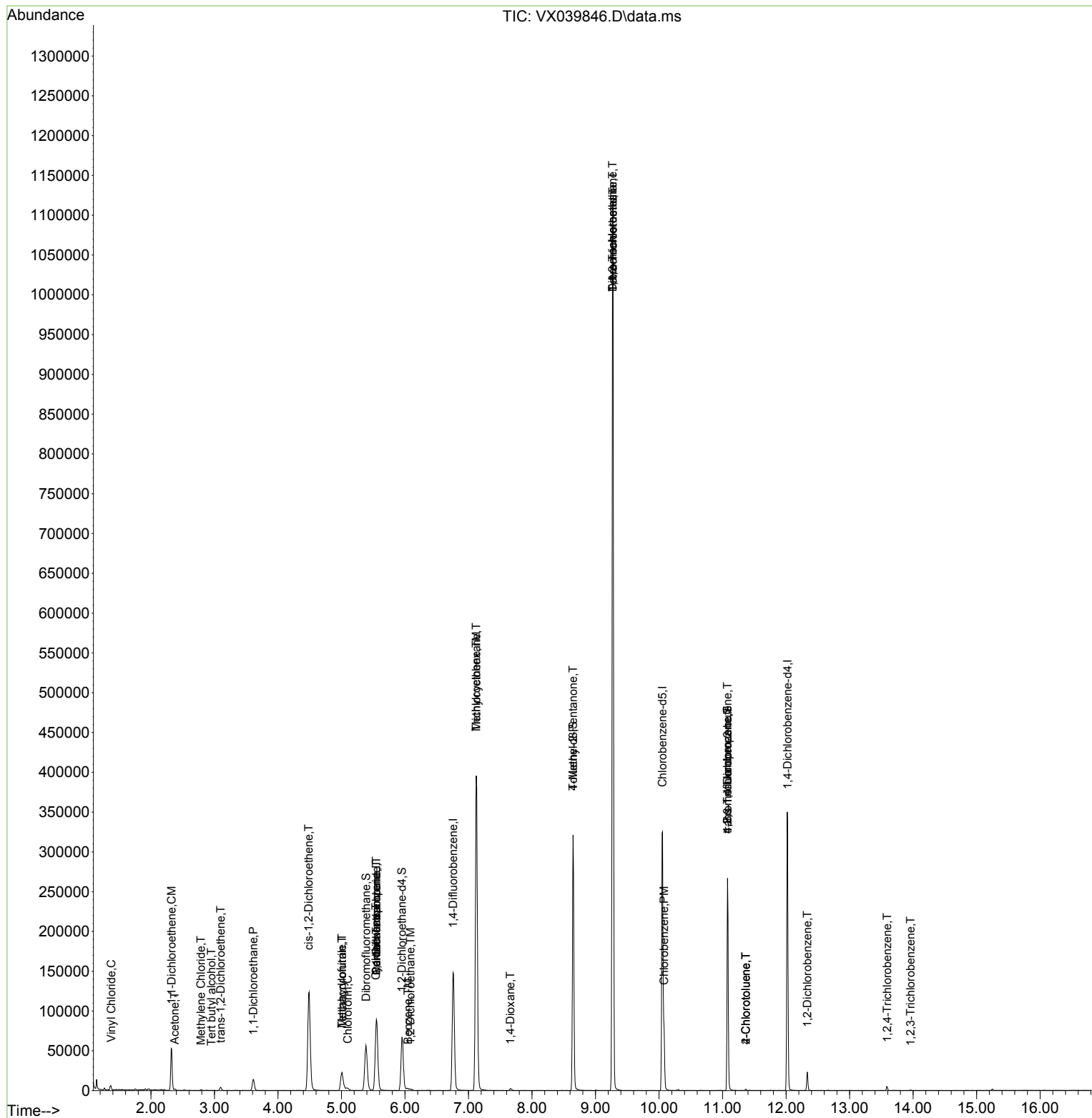
|                               |        |     |        |           |        |        |
|-------------------------------|--------|-----|--------|-----------|--------|--------|
| Target Compounds              |        |     |        |           |        | Qvalue |
| 4) Vinyl Chloride             | 1.374  | 62  | 296    | 0.264     | ug/l # | 86     |
| 11) Tert butyl alcohol        | 2.953  | 59  | 126    | 0.359     | ug/l # | 78     |
| 12) 1,1-Dichloroethene        | 2.325  | 96  | 16870  | 17.422    | ug/l   | 90     |
| 13) Acrolein                  | 1.977  | 56  | 26     | Below Cal | #      | 1      |
| 16) Acetone                   | 2.373  | 43  | 1613   | 2.128     | ug/l # | 84     |
| 20) Methylene Chloride        | 2.788  | 84  | 293    | 0.256     | ug/l # | 91     |
| 21) trans-1,2-Dichloroethene  | 3.099  | 96  | 1526   | 1.498     | ug/l   | 92     |
| 24) 1,1-Dichloroethane        | 3.611  | 63  | 15608  | 7.801     | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 4.483  | 96  | 76392  | 65.364    | ug/l   | 86     |
| 29) Tetrahydrofuran           | 5.007  | 42  | 21163  | 30.188    | ug/l   | 98     |
| 30) Chloroform                | 5.099  | 83  | 3123   | 1.581     | ug/l   | 90     |
| 31) Cyclohexane               | 5.544  | 56  | 2301   | 1.294     | ug/l # | 6      |
| 36) 1,1-Dichloropropene       | 5.550  | 75  | 7504   | 4.833     | ug/l # | 49     |
| 38) Carbon Tetrachloride      | 5.550  | 117 | 8748   | 6.152     | ug/l # | 15     |
| 39) Methylcyclohexane         | 7.123  | 83  | 1770   | 0.949     | ug/l # | 1      |
| 40) Benzene                   | 6.050  | 78  | 2891   | 0.658     | ug/l # | 84     |
| 41) Methacrylonitrile         | 5.007  | 41  | 12369  | 12.211    | ug/l # | 51     |
| 42) 1,2-Dichloroethane        | 6.086  | 62  | 1718   | 1.028     | ug/l   | 84     |
| 44) Trichloroethene           | 7.123  | 130 | 140641 | 130.527   | ug/l   | 95     |
| 49) 1,4-Dioxane               | 7.659  | 88  | 1651   | 57.129    | ug/l # | 94     |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43  | 908    | 0.434     | ug/l # | 1      |
| 55) 1,1,2-Trichloroethane     | 9.269  | 97  | 2128   | 1.903     | ug/l # | 1      |
| 60) Dibromochloromethane      | 9.269  | 129 | 199657 | 189.362   | ug/l # | 11     |
| 64) Tetrachloroethene         | 9.275  | 164 | 191790 | 205.207   | ug/l   | 97     |
| 65) Chlorobenzene             | 10.079 | 112 | 30090  | 10.052    | ug/l   | 95     |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75  | 39954  | 22.131    | ug/l # | 39     |
| 79) 2-Chlorotoluene           | 11.366 | 91  | 1006   | 0.243     | ug/l   | 91     |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75  | 39954  | 64.183    | ug/l # | 5      |
| 82) 4-Chlorotoluene           | 11.366 | 91  | 1006   | 0.214     | ug/l   | 98     |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146 | 6952   | 2.972     | ug/l   | 98     |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180 | 1402   | 0.981     | ug/l   | 97     |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180 | 289    | 0.200     | ug/l # | 89     |

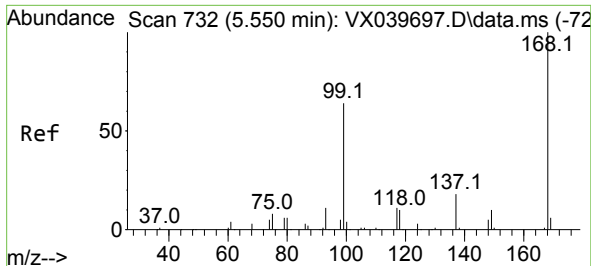
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011924\  
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Sample : P1184-15  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-5-37-40

Quant Time: Jan 20 00:29:43 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

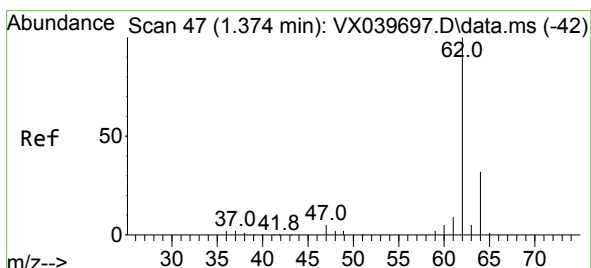
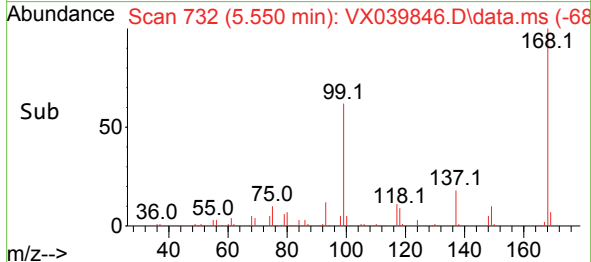
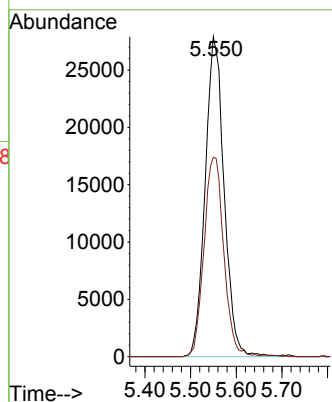
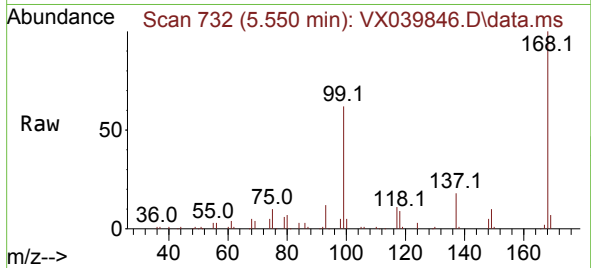




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

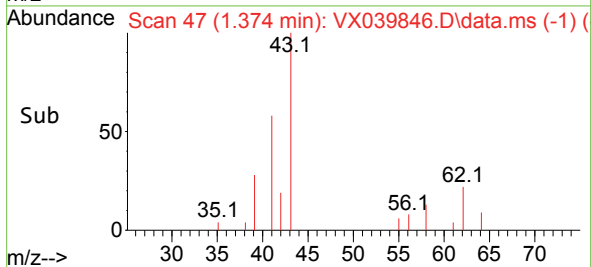
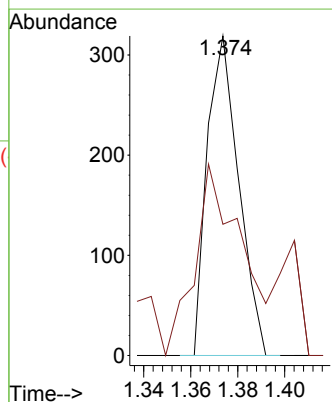
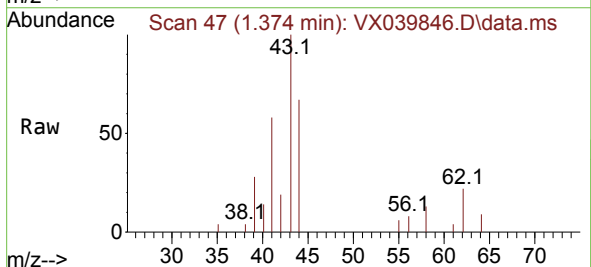
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-5-37-40

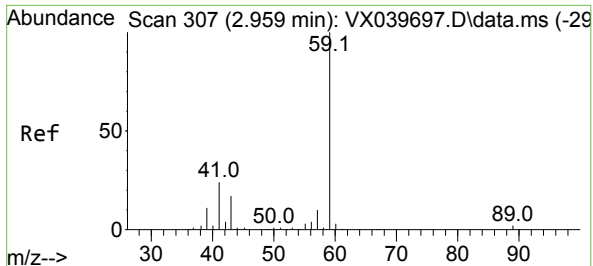
Tgt Ion:168 Resp: 80451  
Ion Ratio Lower Upper  
168 100  
99 62.4 56.6 85.0



#4  
Vinyl Chloride  
Concen: 0.264 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

Tgt Ion: 62 Resp: 296  
Ion Ratio Lower Upper  
62 100  
64 23.8 25.4 38.0#





#11

Tert butyl alcohol

Concen: 0.359 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

Instrument :

MSVOA\_X

ClientSampleId :

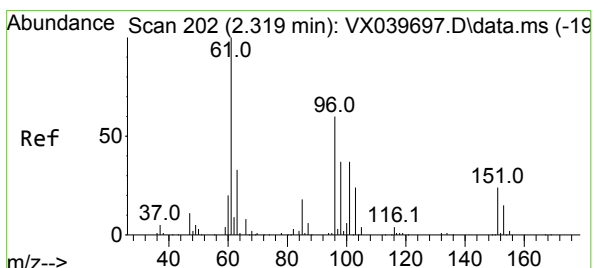
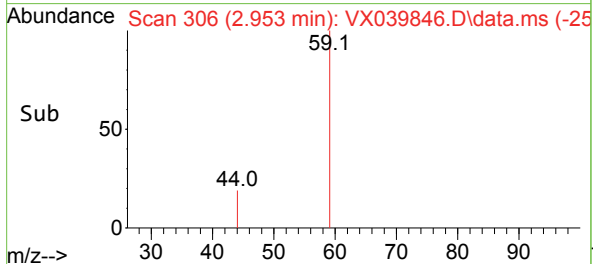
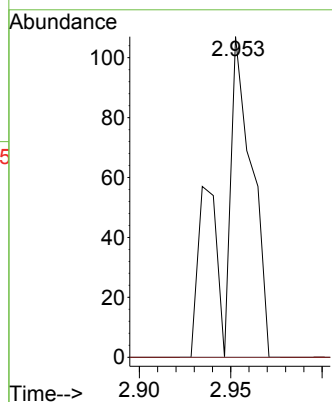
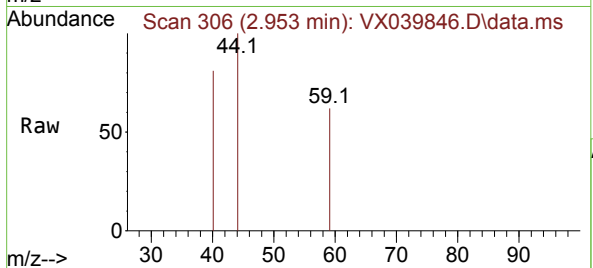
SUMOGW-5-37-40

Tgt Ion: 59 Resp: 126

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 17.422 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

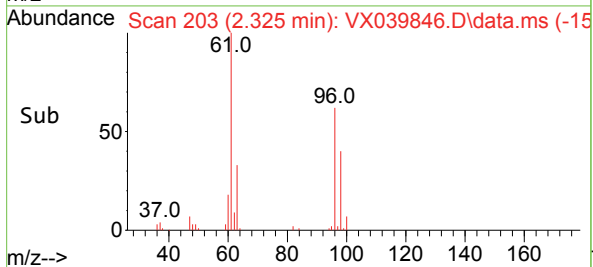
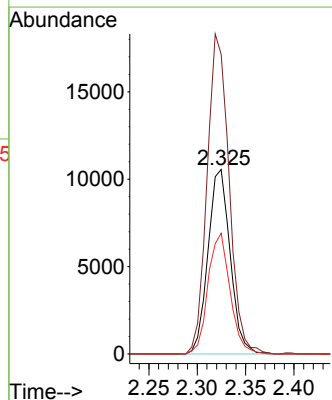
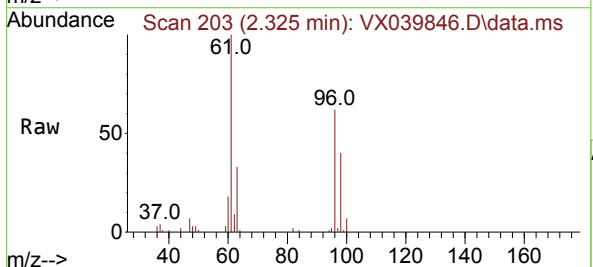
Tgt Ion: 96 Resp: 16870

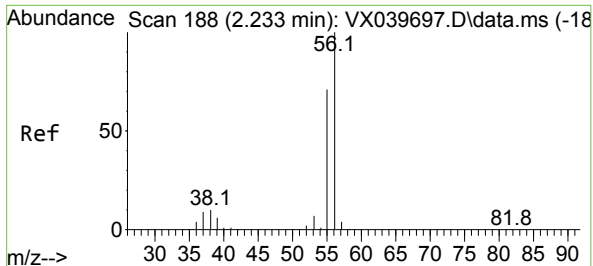
Ion Ratio Lower Upper

96 100

61 162.3 144.6 216.8

98 65.5 50.4 75.6

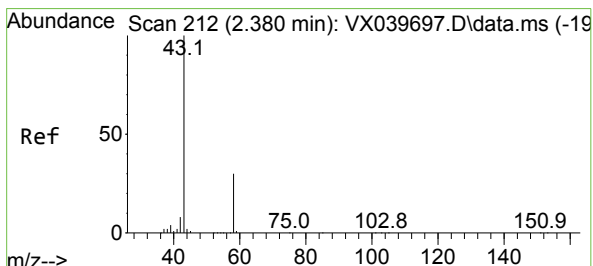
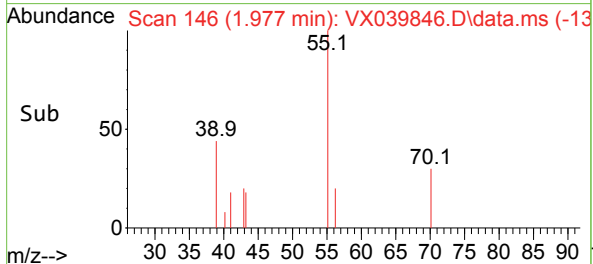
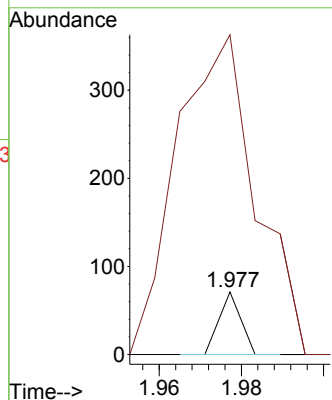
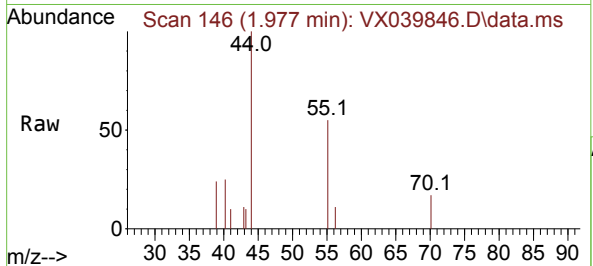




#13  
Acrolein  
Concen: Below Cal  
RT: 1.977 min Scan# 14  
Delta R.T. -0.256 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

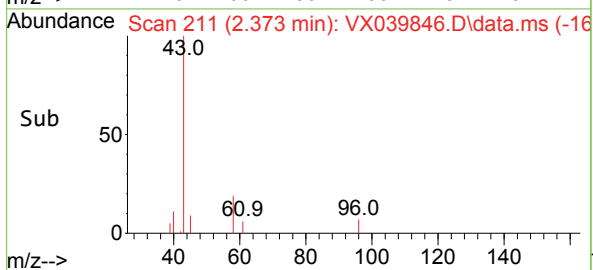
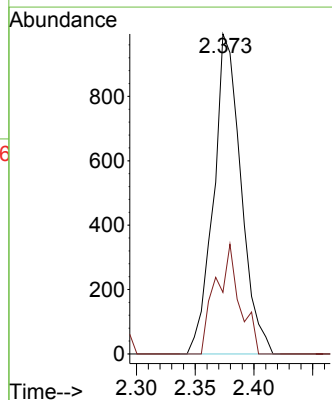
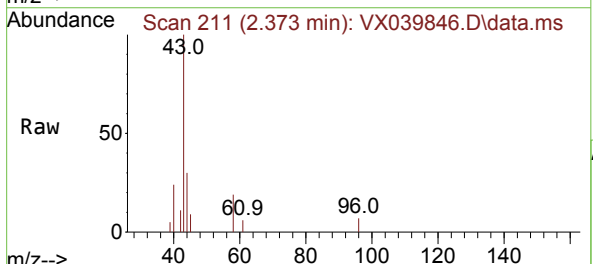
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-5-37-40

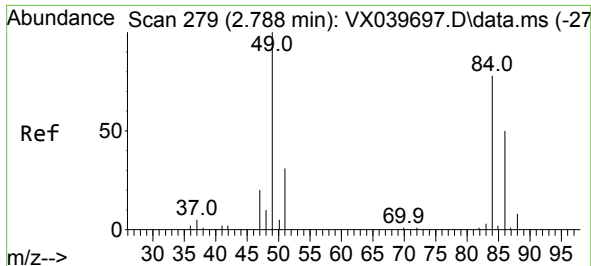
Tgt Ion: 56 Resp: 26  
Ion Ratio Lower Upper  
56 100  
55 1865.4 57.1 85.7#



#16  
Acetone  
Concen: 2.128 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

Tgt Ion: 43 Resp: 1613  
Ion Ratio Lower Upper  
43 100  
58 19.2 21.9 32.9#





#20

Methylene Chloride

Concen: 0.256 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

Instrument :

MSVOA\_X

ClientSampleId :

SUMOGW-5-37-40

Tgt Ion: 84 Resp: 293

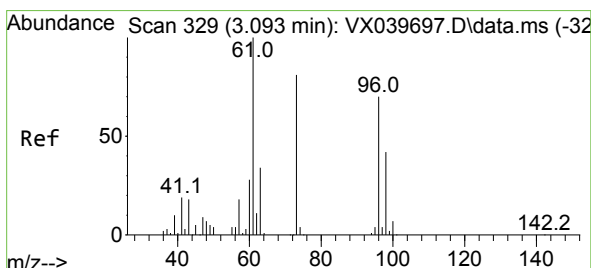
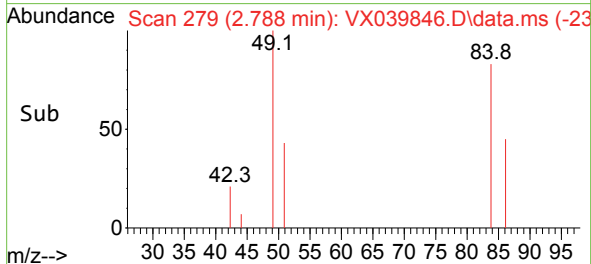
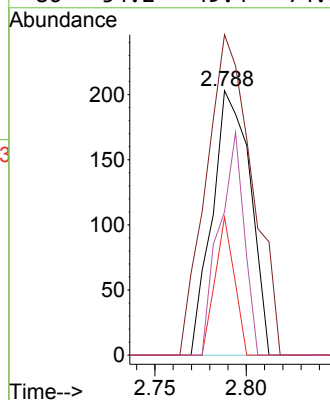
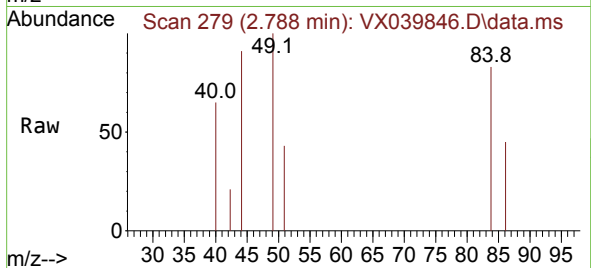
Ion Ratio Lower Upper

84 100

49 121.2 103.6 155.4

51 52.2 33.8 50.6#

86 54.2 49.4 74.0



#21

trans-1,2-Dichloroethene

Concen: 1.498 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

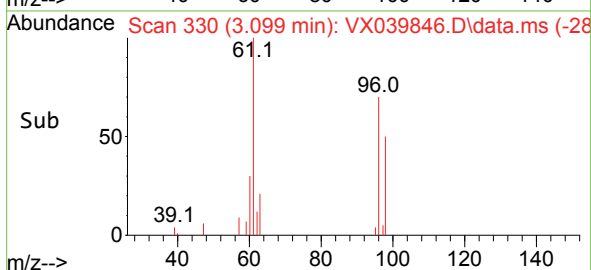
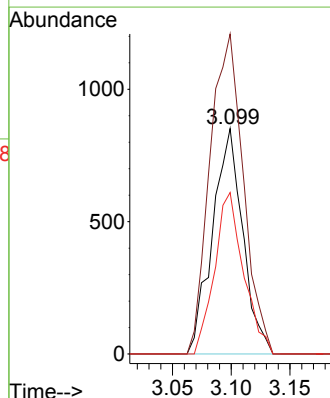
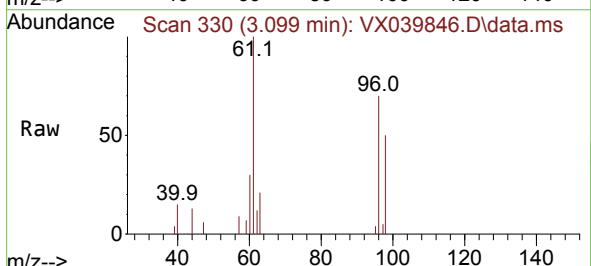
Tgt Ion: 96 Resp: 1526

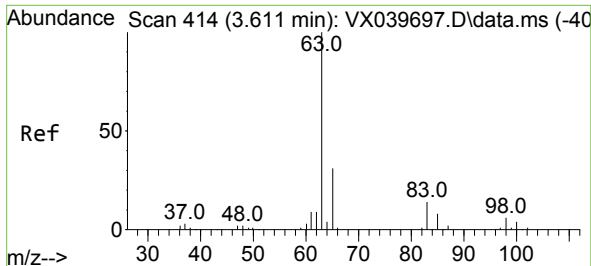
Ion Ratio Lower Upper

96 100

61 141.9 119.2 178.8

98 71.6 48.7 73.1

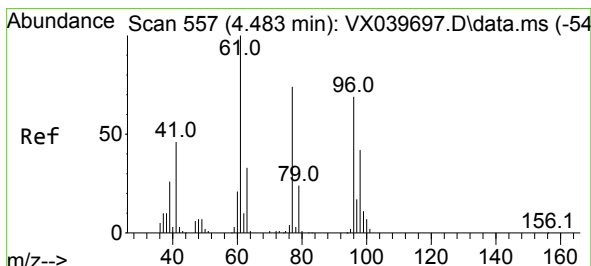
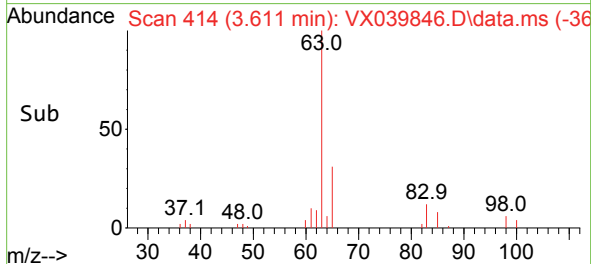
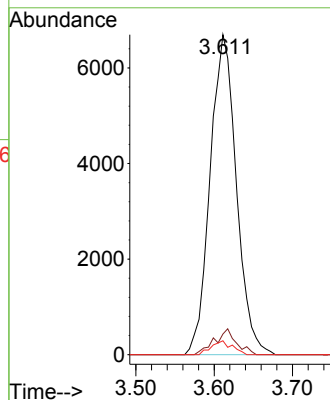
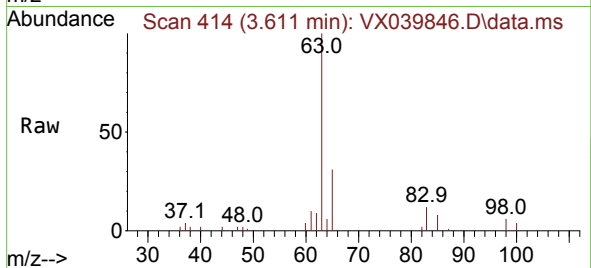




#24  
1,1-Dichloroethane  
Concen: 7.801 ug/l  
RT: 3.611 min Scan# 414  
Delta R.T. 0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

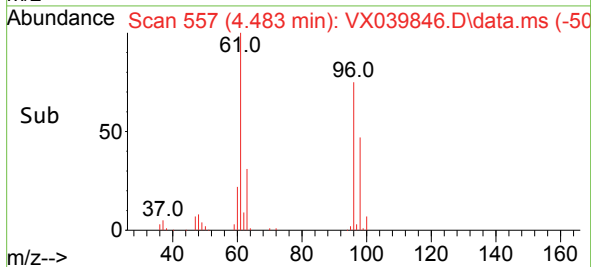
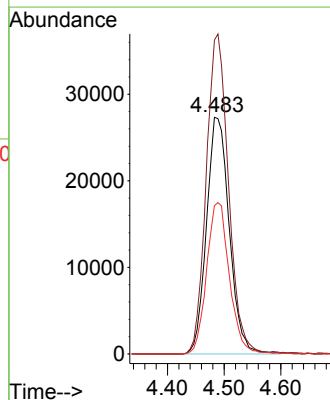
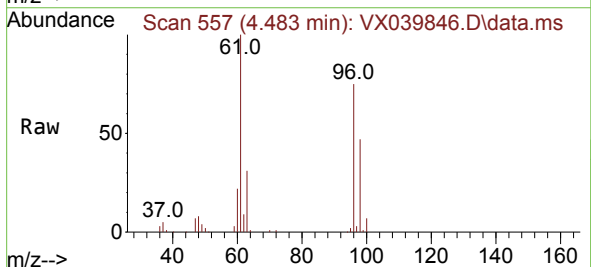
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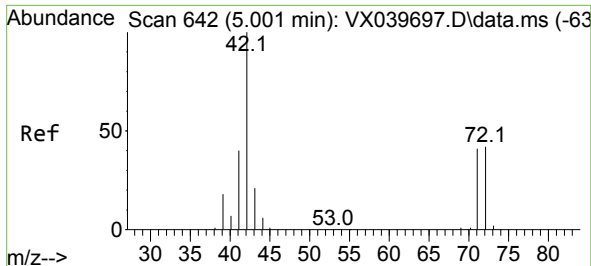
Tgt Ion: 63 Resp: 15608  
Ion Ratio Lower Upper  
63 100  
98 6.5 3.3 9.8  
100 4.3 2.1 6.5



#27  
cis-1,2-Dichloroethene  
Concen: 65.364 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. 0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

Tgt Ion: 96 Resp: 76392  
Ion Ratio Lower Upper  
96 100  
61 131.7 0.0 312.2  
98 63.8 0.0 129.0





#29

Tetrahydrofuran

Concen: 30.188 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

Instrument :

MSVOA\_X

ClientSampleId :

SUMOGW-5-37-40

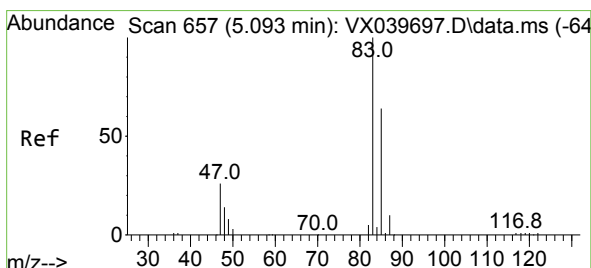
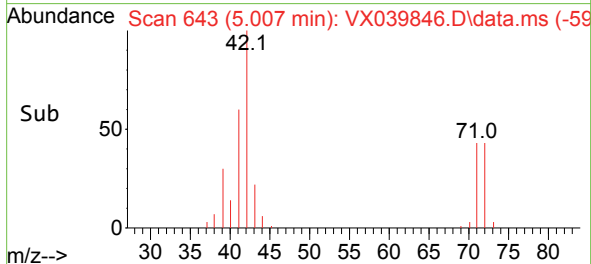
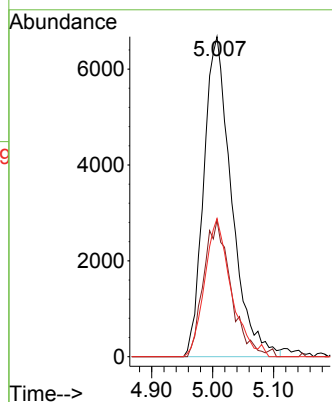
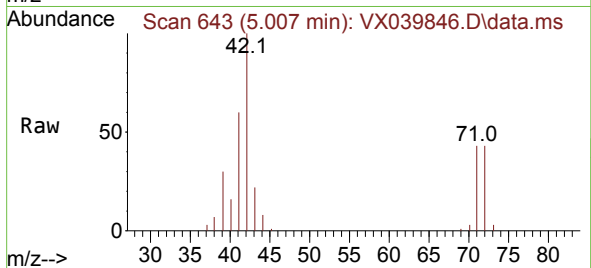
Tgt Ion: 42 Resp: 21163

Ion Ratio Lower Upper

42 100

72 41.6 34.2 51.4

71 41.3 32.2 48.2



#30

Chloroform

Concen: 1.581 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX039846.D

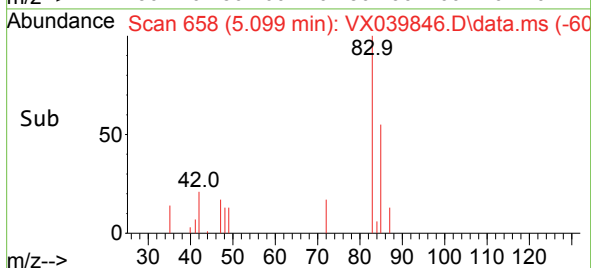
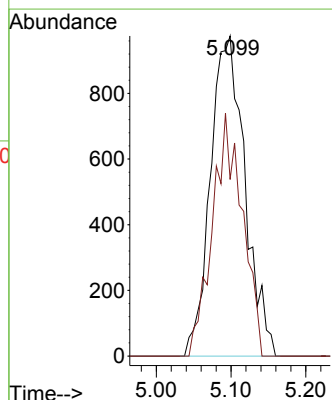
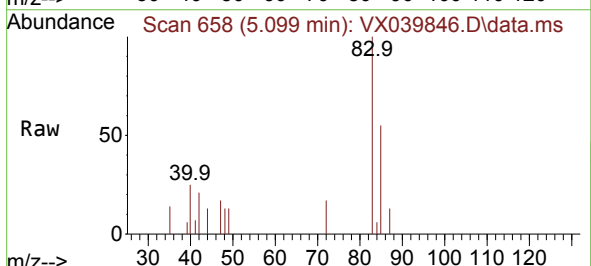
Acq: 19 Jan 2024 17:52

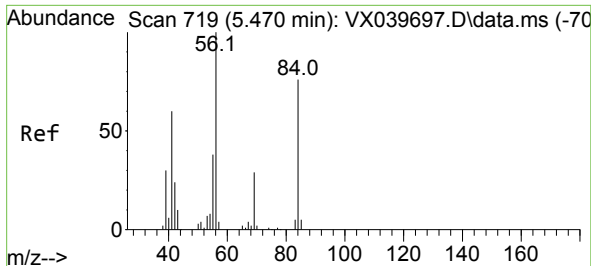
Tgt Ion: 83 Resp: 3123

Ion Ratio Lower Upper

83 100

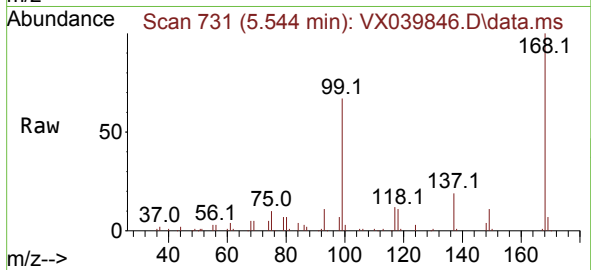
85 55.2 50.3 75.5



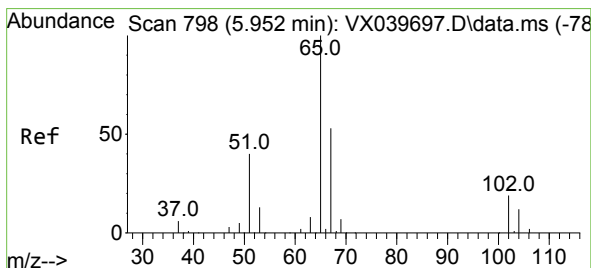
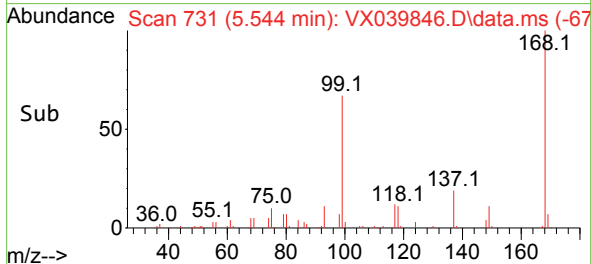
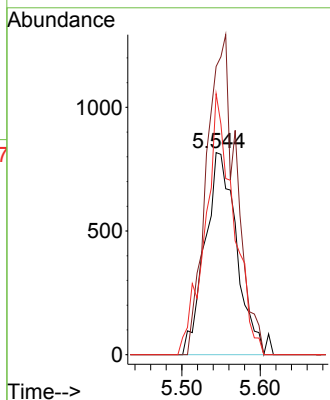


#31  
Cyclohexane  
Concen: 1.294 ug/l  
RT: 5.544 min Scan# 719  
Delta R.T. 0.073 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-5-37-40

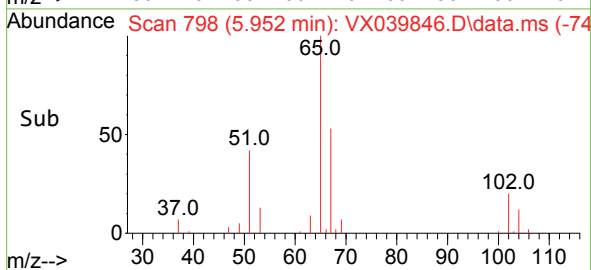
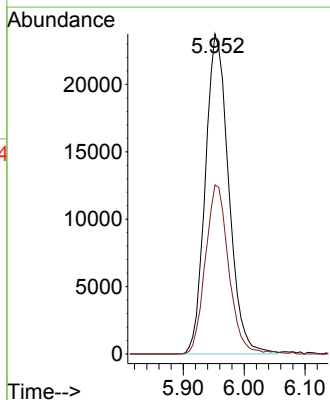
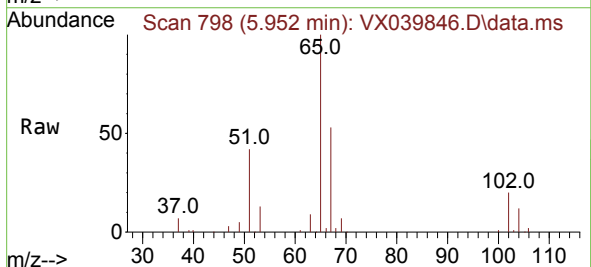


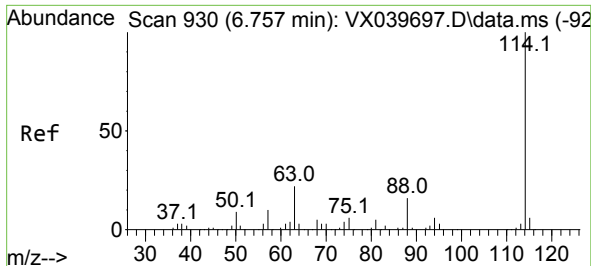
Tgt Ion: 56 Resp: 2301  
Ion Ratio Lower Upper  
56 100  
69 142.6 23.4 35.2#  
84 129.1 65.9 98.9#



#33  
1,2-Dichloroethane-d4  
Concen: 47.037 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

Tgt Ion: 65 Resp: 63391  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 100.2

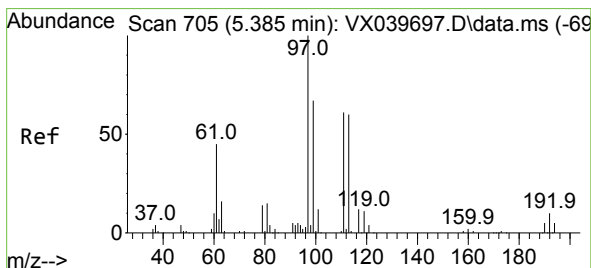
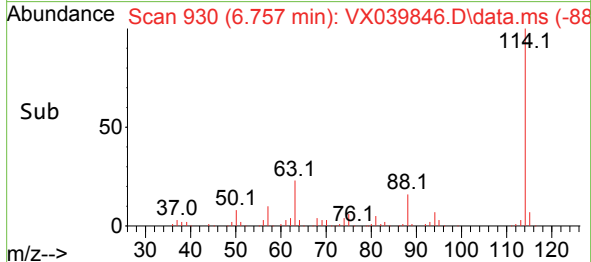
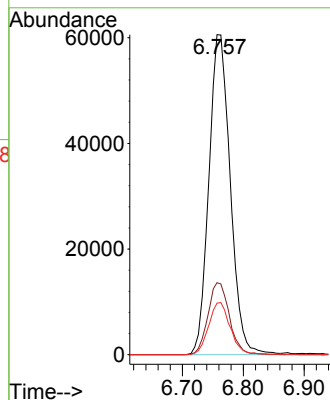
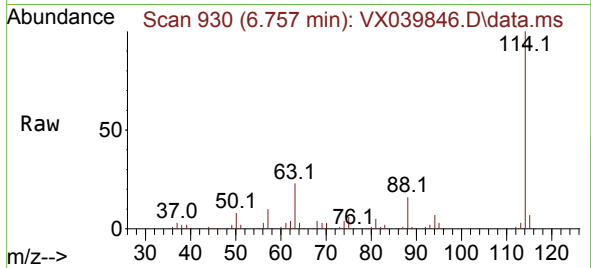




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

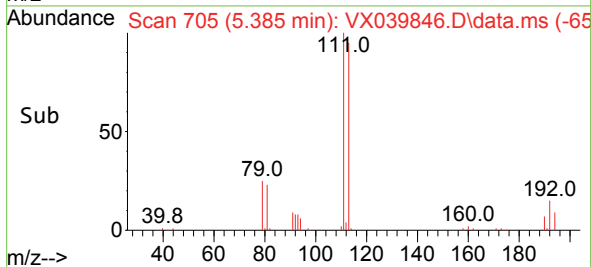
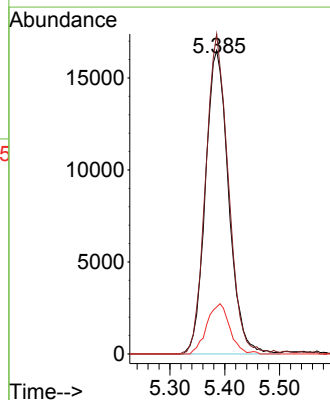
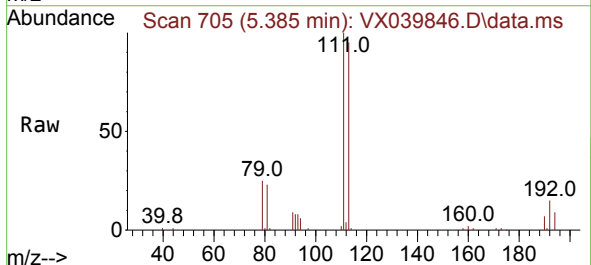
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-5-37-40

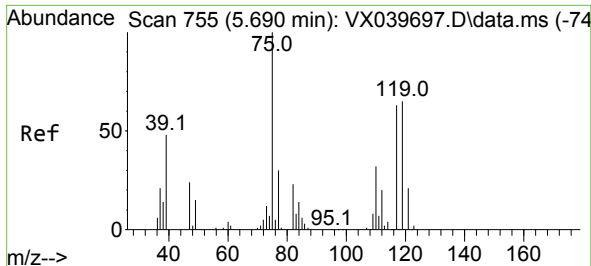
Tgt Ion:114 Resp: 148096  
Ion Ratio Lower Upper  
114 100  
63 22.5 0.0 45.0  
88 16.1 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 48.622 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

Tgt Ion:113 Resp: 48500  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.9 124.3  
192 16.4 13.3 19.9

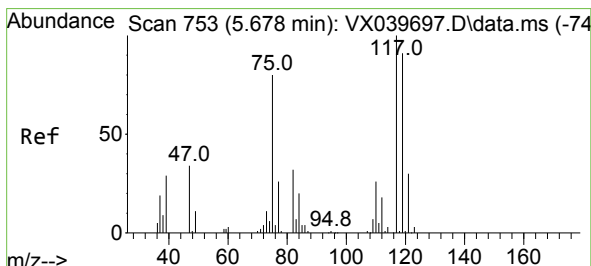
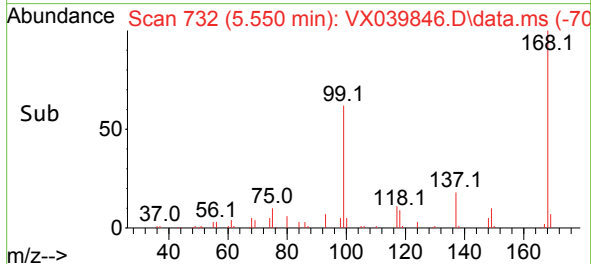
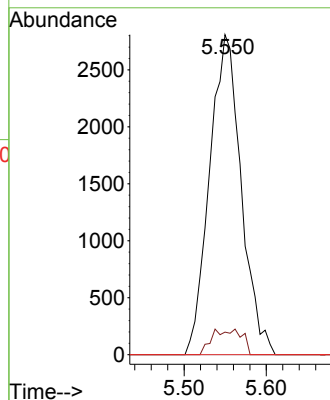
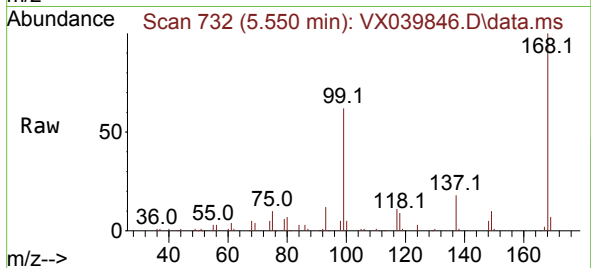




#36  
1,1-Dichloropropene  
Concen: 4.833 ug/l  
RT: 5.550 min Scan# 712  
Delta R.T. -0.140 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

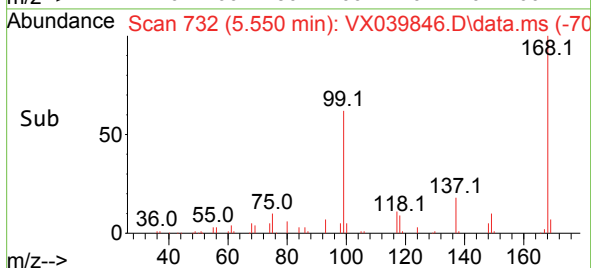
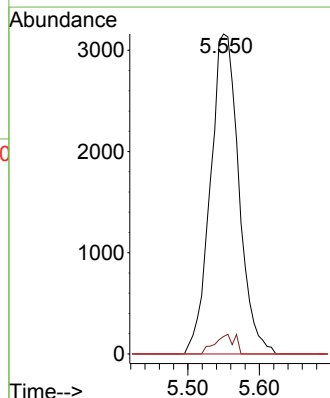
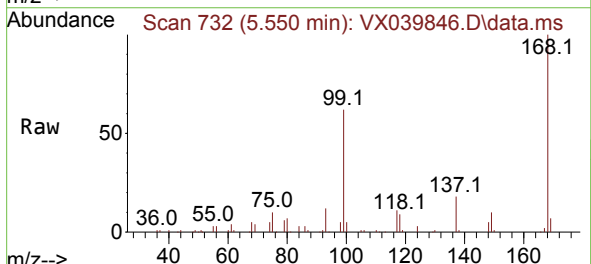
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-5-37-40

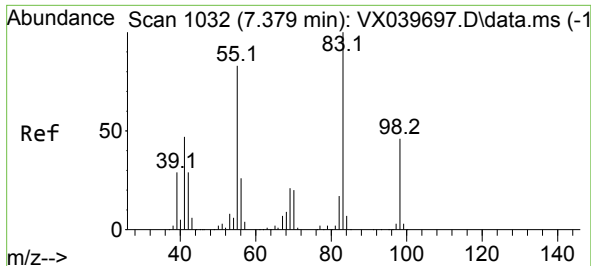
Tgt Ion: 75 Resp: 7504  
Ion Ratio Lower Upper  
75 100  
110 7.5 17.0 50.9#  
77 0.0 24.7 37.1#



#38  
Carbon Tetrachloride  
Concen: 6.152 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.128 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

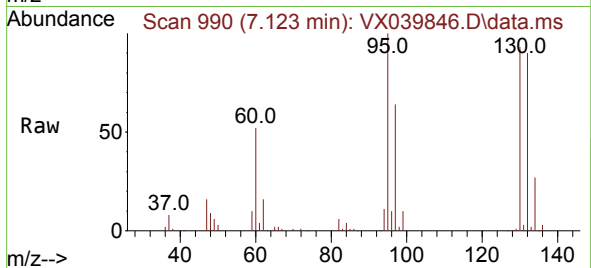
Tgt Ion: 117 Resp: 8748  
Ion Ratio Lower Upper  
117 100  
119 5.5 78.2 117.2#  
121 0.0 24.4 36.6#



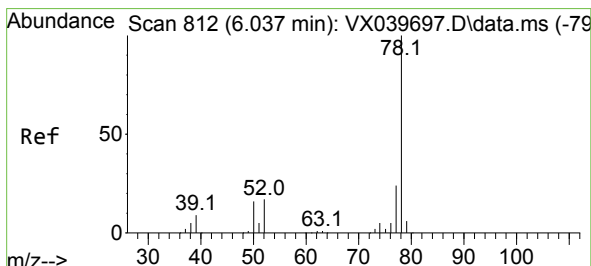
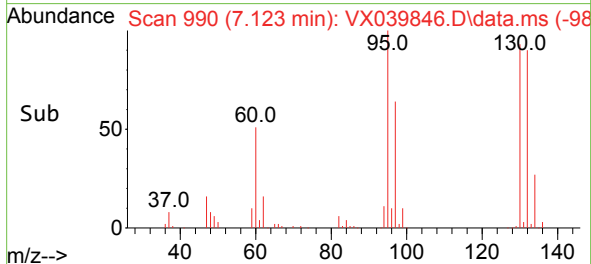
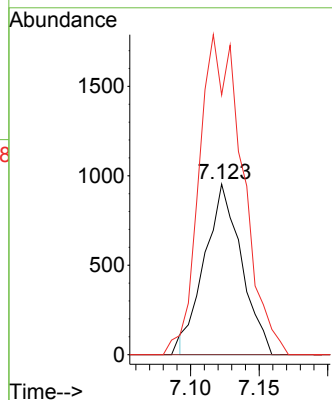


#39  
Methylcyclohexane  
Concen: 0.949 ug/l  
RT: 7.123 min Scan# 91  
Delta R.T. -0.256 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-5-37-40

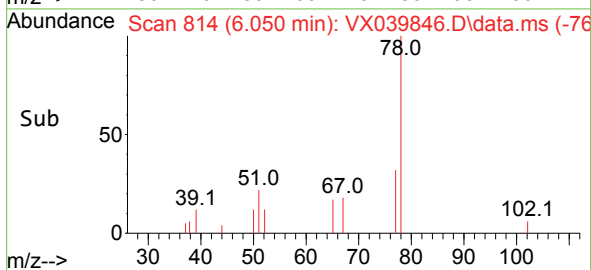
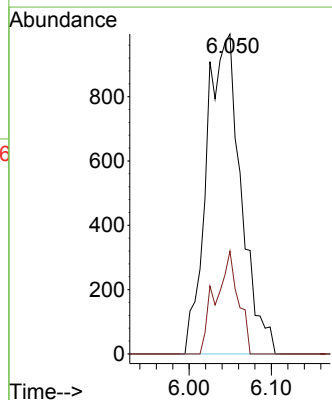
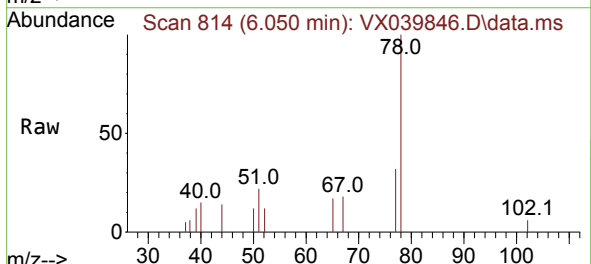


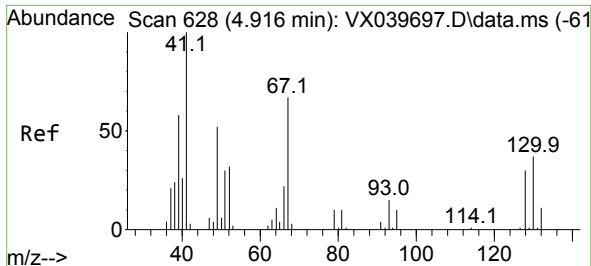
Tgt Ion: 83 Resp: 1770  
Ion Ratio Lower Upper  
83 100  
55 0.0 64.6 97.0#  
98 144.5 36.7 55.1#



#40  
Benzene  
Concen: 0.658 ug/l  
RT: 6.050 min Scan# 814  
Delta R.T. 0.012 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

Tgt Ion: 78 Resp: 2891  
Ion Ratio Lower Upper  
78 100  
77 32.2 19.3 28.9#

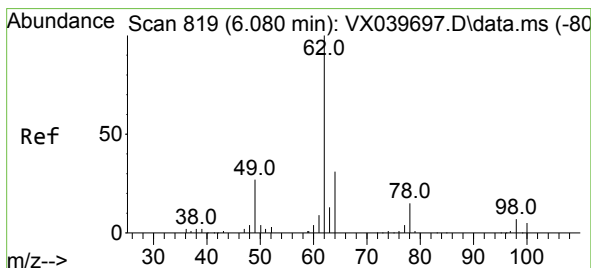
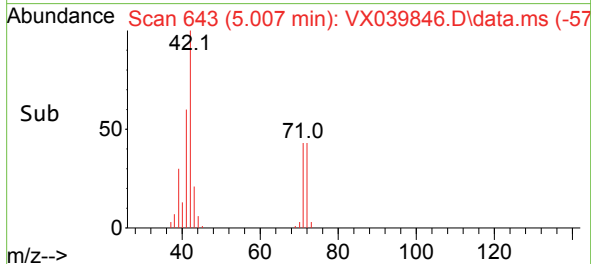
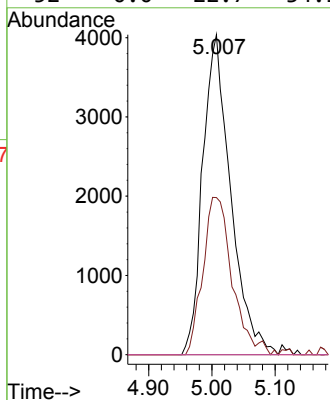
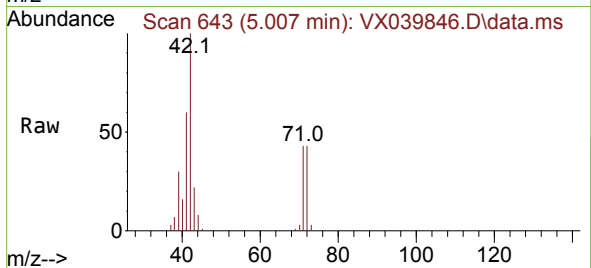




#41  
Methacrylonitrile  
Concen: 12.211 ug/l  
RT: 5.007 min Scan# 643  
Delta R.T. 0.091 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

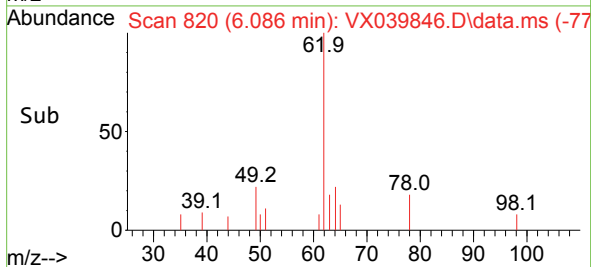
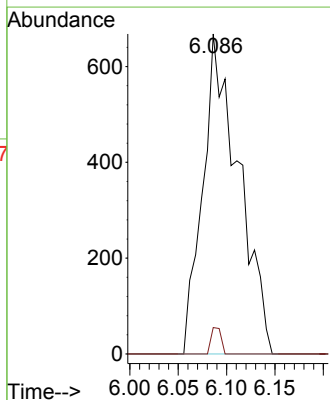
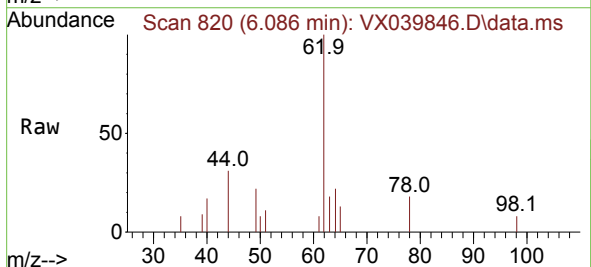
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-5-37-40

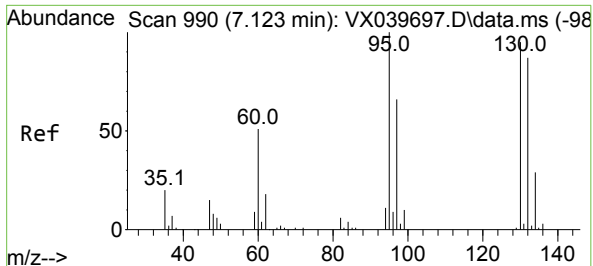
|             |                |
|-------------|----------------|
| Tgt Ion: 41 | Resp: 12369    |
| Ion Ratio   | Lower Upper    |
| 41          | 100            |
| 39          | 51.6 45.2 67.8 |
| 67          | 0.0 52.6 78.8# |
| 52          | 0.0 22.7 34.1# |



#42  
1,2-Dichloroethane  
Concen: 1.028 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 1718   |
| Ion Ratio   | Lower Upper  |
| 62          | 100          |
| 98          | 2.3 0.0 16.0 |

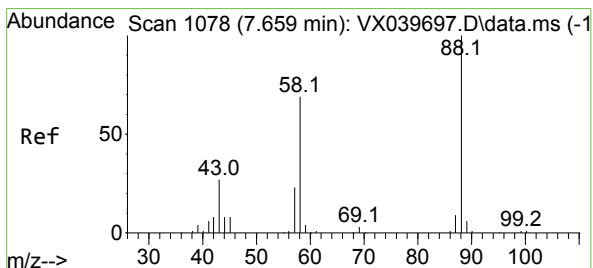
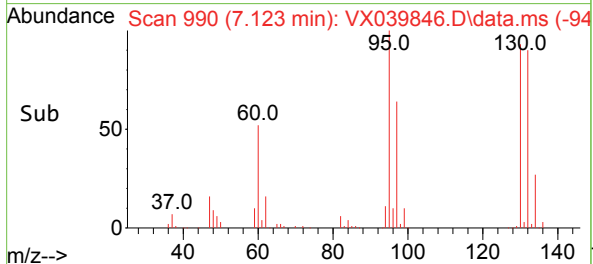
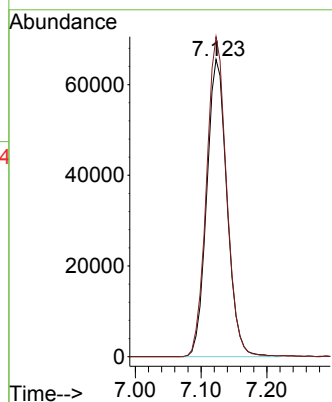
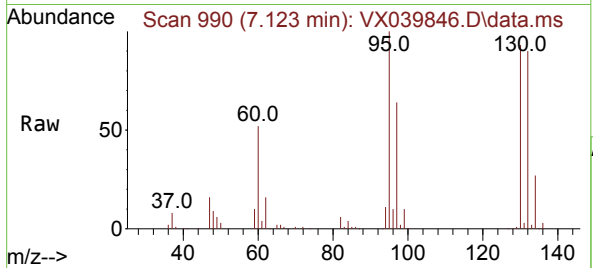




#44  
Trichloroethene  
Concen: 130.527 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

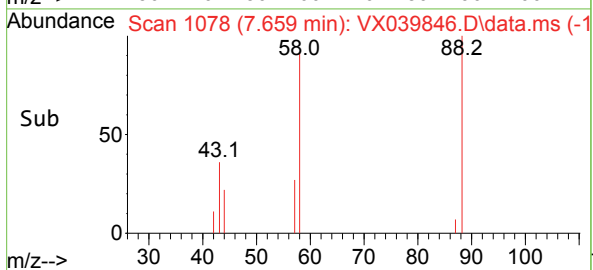
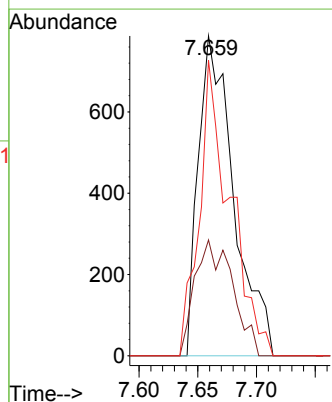
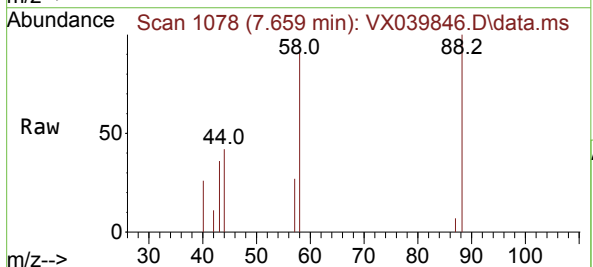
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-5-37-40

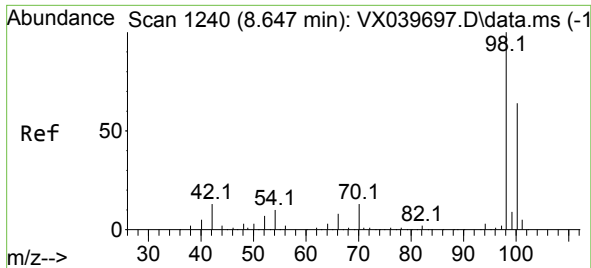
Tgt Ion:130 Resp: 140641  
Ion Ratio Lower Upper  
130 100  
95 107.6 0.0 204.4



#49  
1,4-Dioxane  
Concen: 57.129 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

Tgt Ion: 88 Resp: 1651  
Ion Ratio Lower Upper  
88 100  
43 38.5 0.0 0.0#  
58 80.1 60.1 90.1

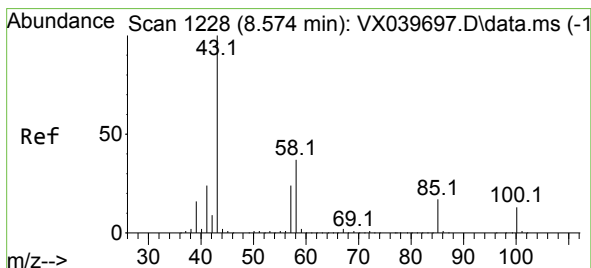
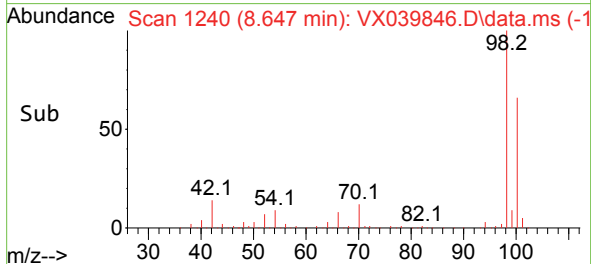
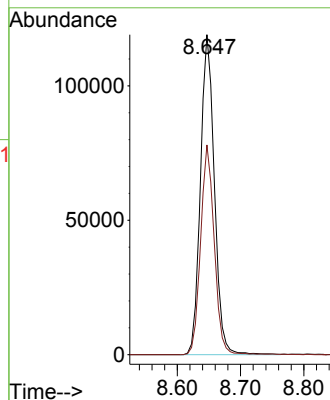
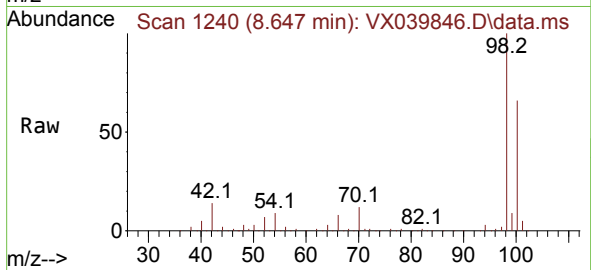




#50  
Toluene-d8  
Concen: 48.613 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

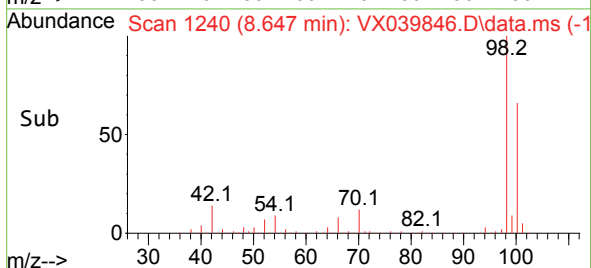
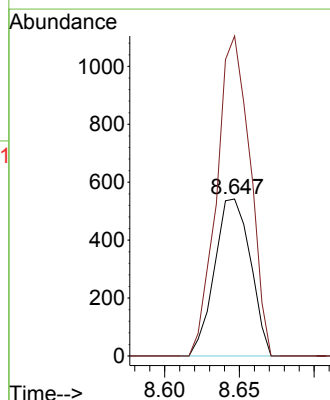
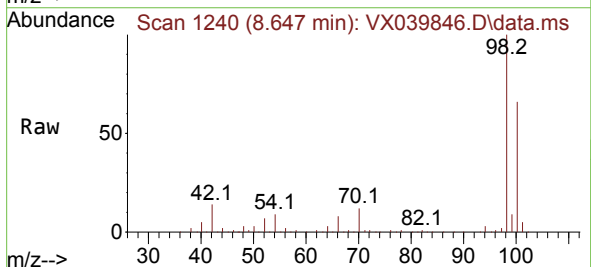
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-5-37-40

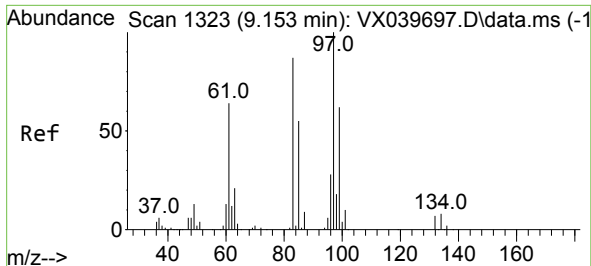
Tgt Ion: 98 Resp: 182887  
Ion Ratio Lower Upper  
98 100  
100 64.1 53.1 79.7



#51  
4-Methyl-2-Pentanone  
Concen: 0.434 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

Tgt Ion: 43 Resp: 908  
Ion Ratio Lower Upper  
43 100  
58 189.0 30.4 45.6#





#55

1,1,2-Trichloroethane

Concen: 1.903 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. 0.116 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

Instrument :

MSVOA\_X

ClientSampleId :

SUMOGW-5-37-40

Tgt Ion: 97 Resp: 2128

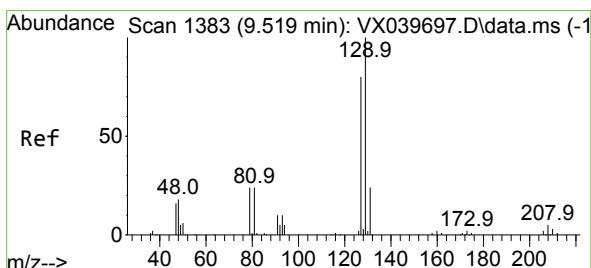
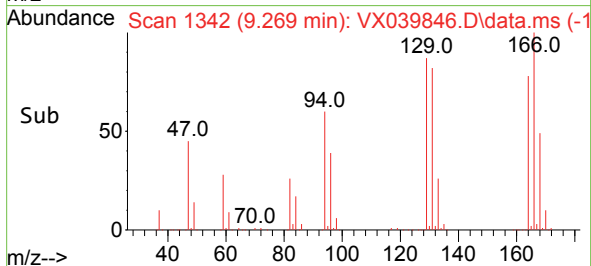
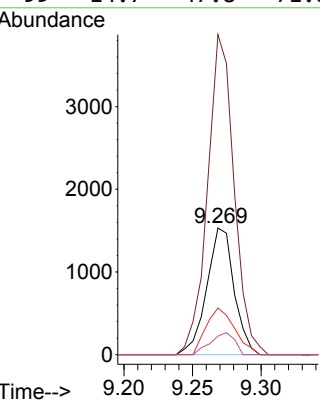
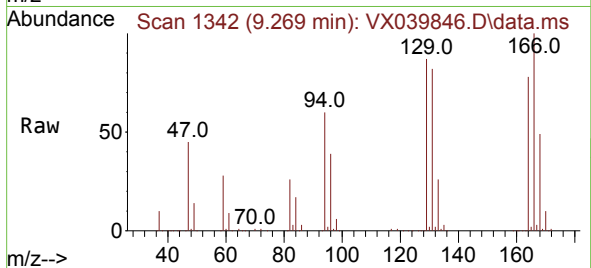
Ion Ratio Lower Upper

97 100

83 252.6 65.8 98.8#

85 36.9 41.6 62.4#

99 14.7 47.8 71.8#



#60

Dibromochloromethane

Concen: 189.362 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.250 min

Lab File: VX039846.D

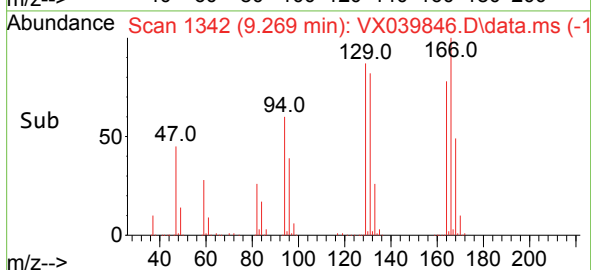
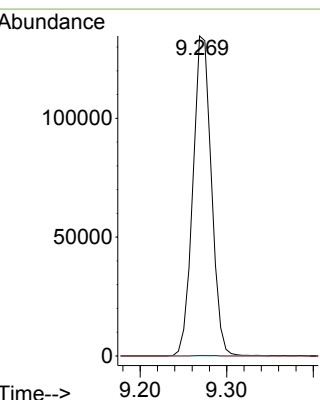
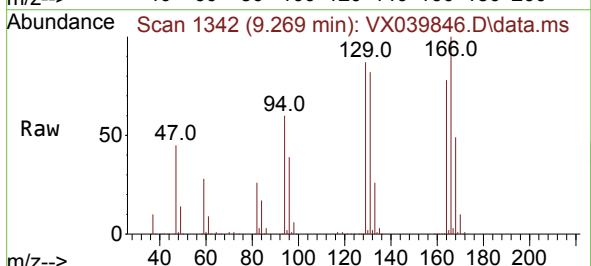
Acq: 19 Jan 2024 17:52

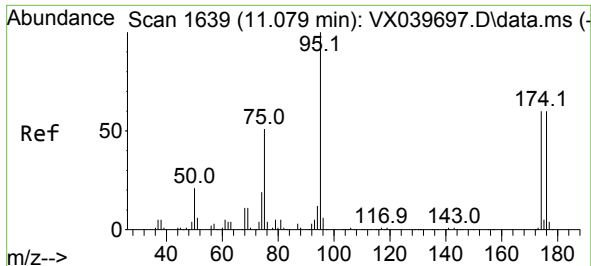
Tgt Ion:129 Resp: 199657

Ion Ratio Lower Upper

129 100

127 0.2 38.8 116.4#

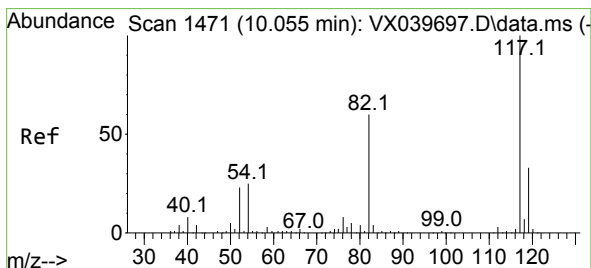
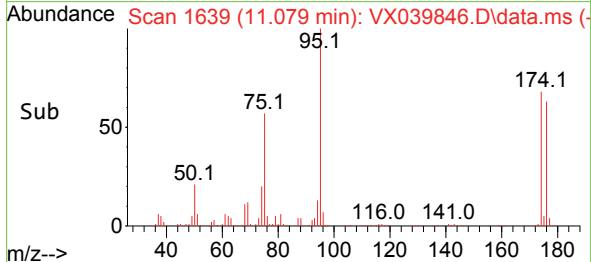
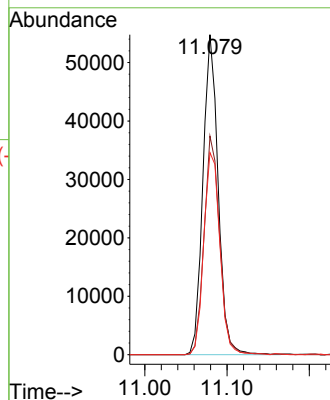
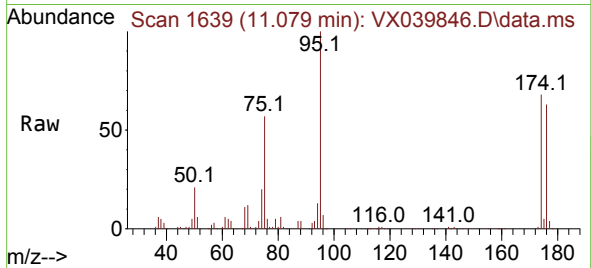




#62  
4-Bromofluorobenzene  
Concen: 47.884 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

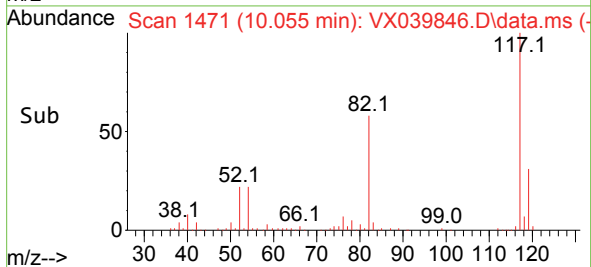
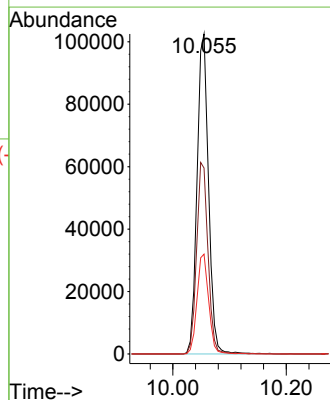
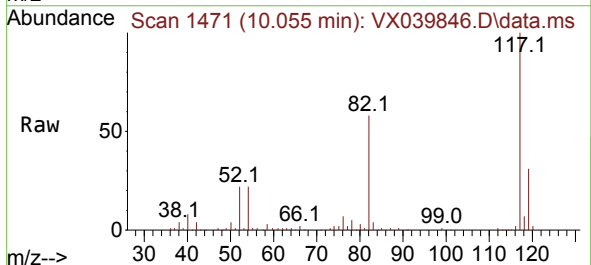
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-5-37-40

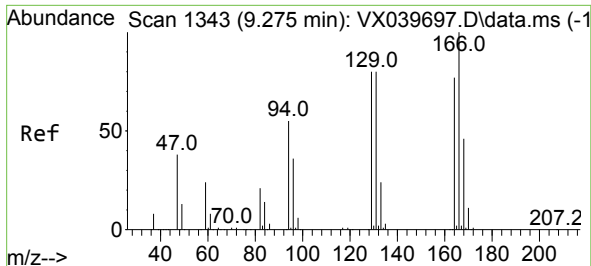
Tgt Ion: 95 Resp: 70445  
Ion Ratio Lower Upper  
95 100  
174 70.3 0.0 135.6  
176 67.0 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

Tgt Ion: 117 Resp: 143721  
Ion Ratio Lower Upper  
117 100  
82 58.1 46.2 69.4  
119 31.2 25.5 38.3

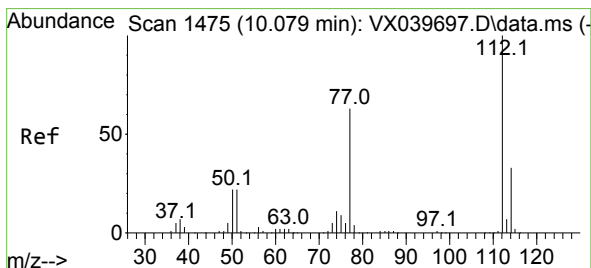
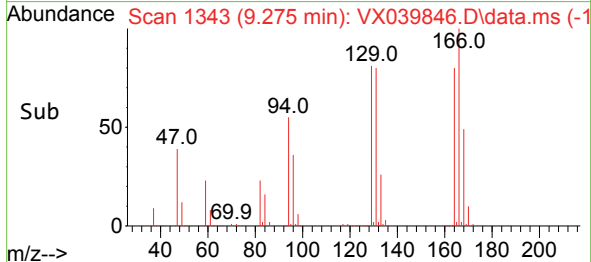
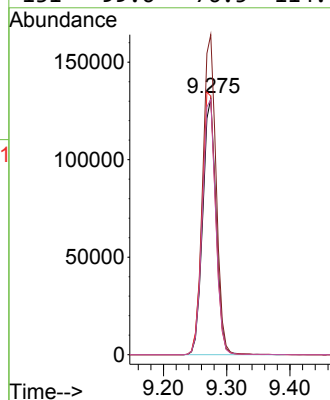
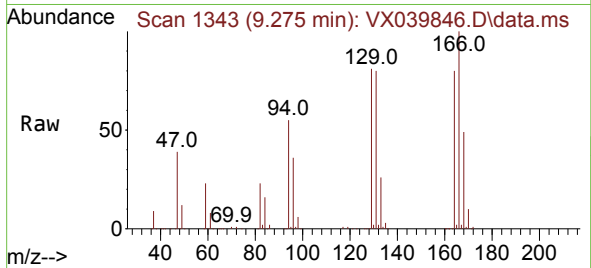




#64  
Tetrachloroethene  
Concen: 205.207 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

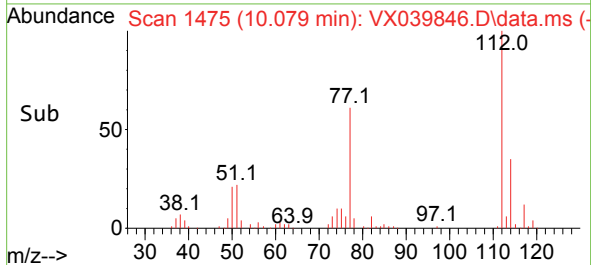
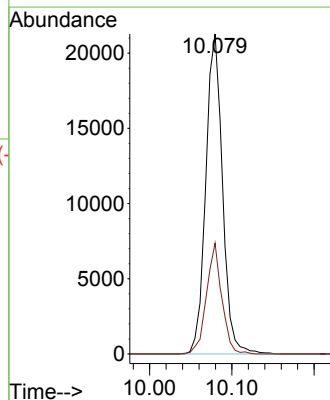
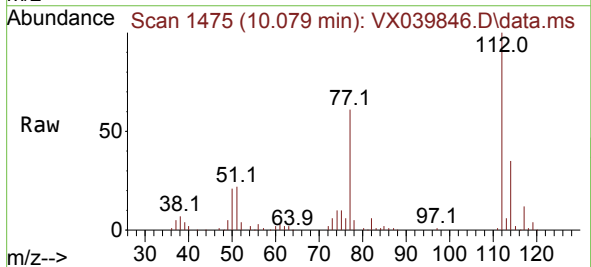
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-5-37-40

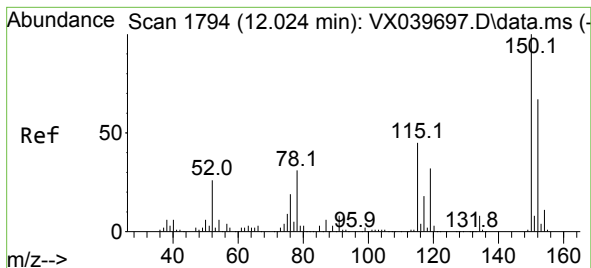
Tgt Ion:164 Resp: 191790  
Ion Ratio Lower Upper  
164 100  
166 124.8 102.7 154.1  
129 100.8 80.4 120.6  
131 99.6 76.5 114.7



#65  
Chlorobenzene  
Concen: 10.052 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

Tgt Ion:112 Resp: 30090  
Ion Ratio Lower Upper  
112 100  
114 34.6 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

Instrument :

MSVOA\_X

ClientSampleId :

SUMOGW-5-37-40

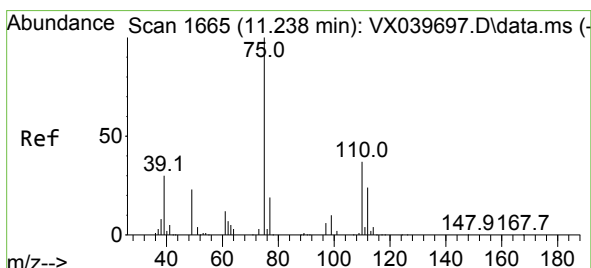
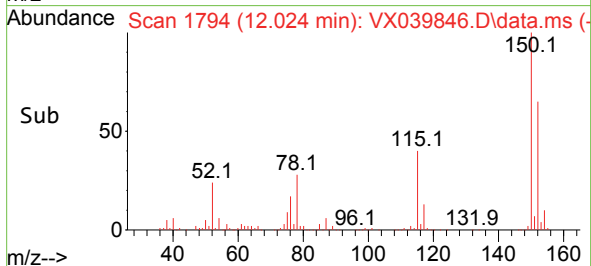
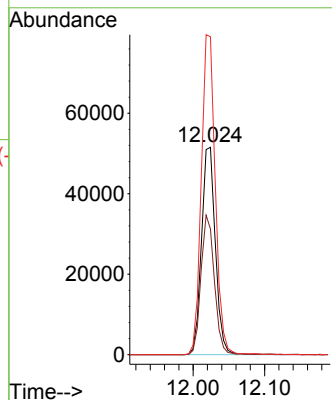
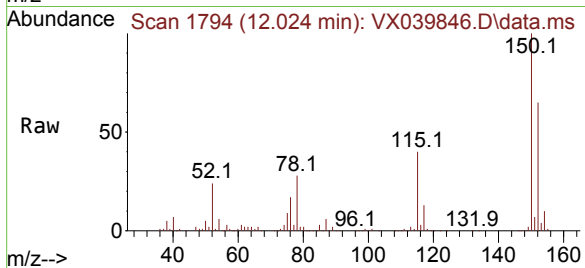
Tgt Ion:152 Resp: 69635

Ion Ratio Lower Upper

152 100

115 64.7 43.3 129.9

150 155.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.131 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039846.D

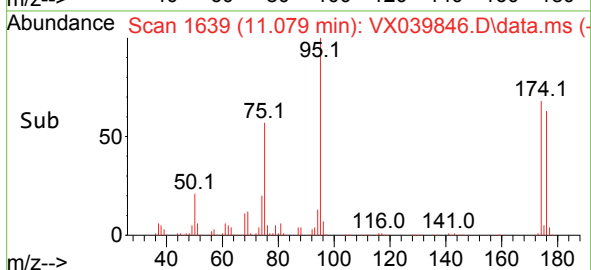
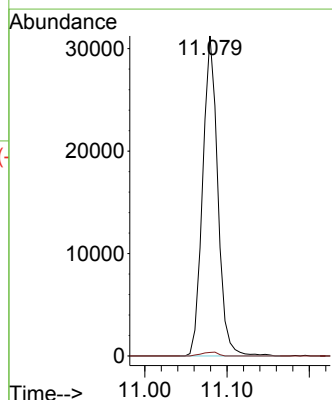
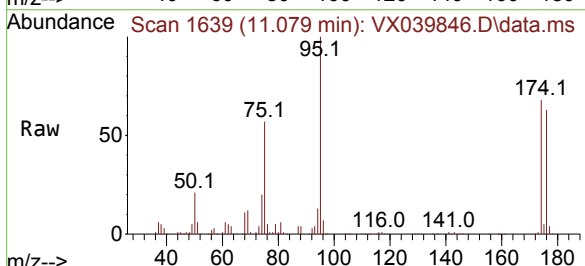
Acq: 19 Jan 2024 17:52

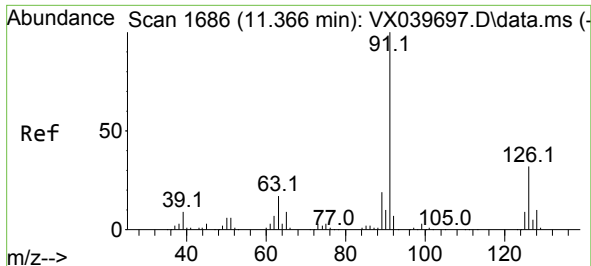
Tgt Ion: 75 Resp: 39954

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

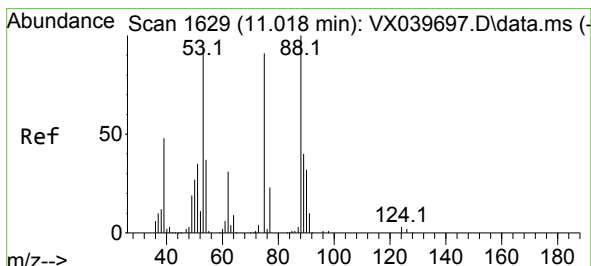
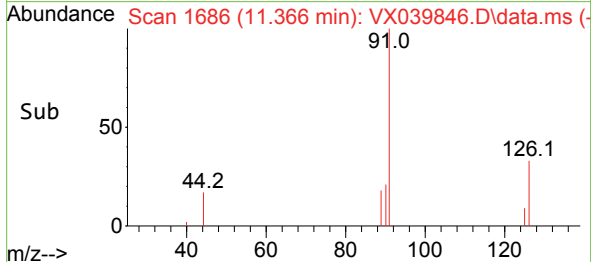
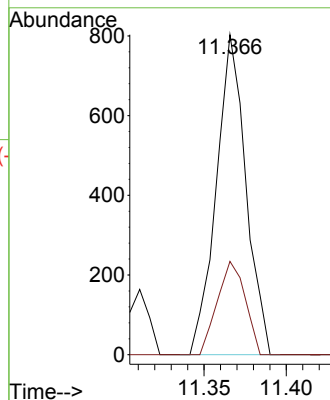
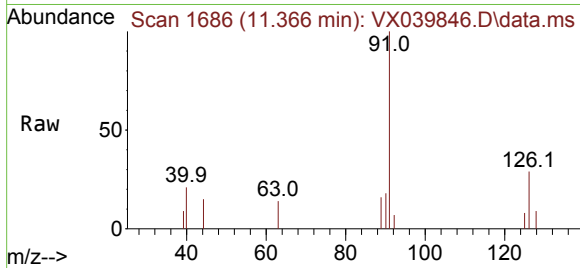




#79  
2-Chlorotoluene  
Concen: 0.243 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

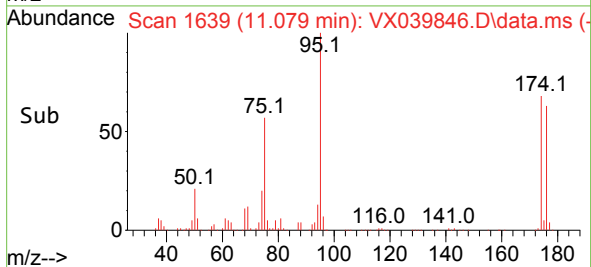
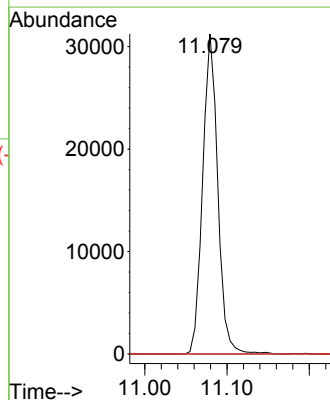
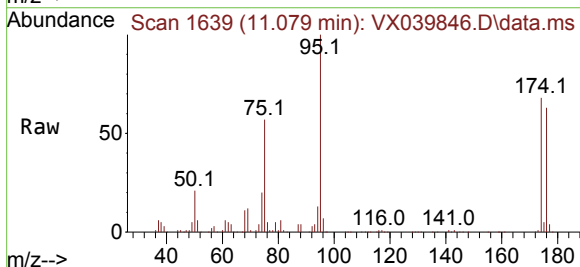
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-5-37-40

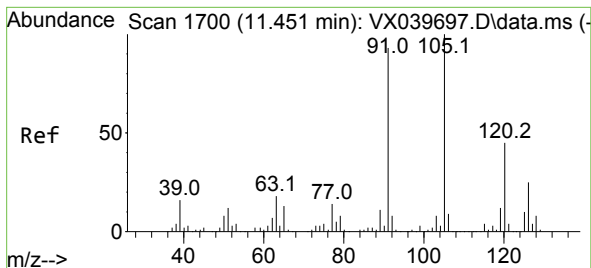
Tgt Ion: 91 Resp: 1006  
Ion Ratio Lower Upper  
91 100  
126 27.3 16.3 48.8



#81  
trans-1,4-Dichloro-2-butene  
Concen: 64.183 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

Tgt Ion: 75 Resp: 39954  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#

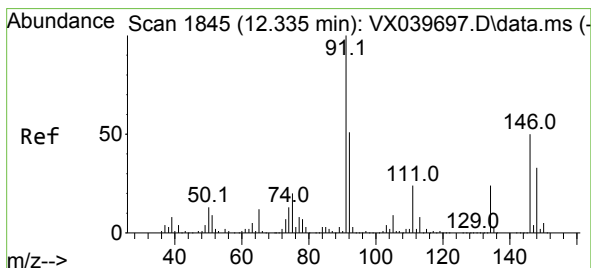
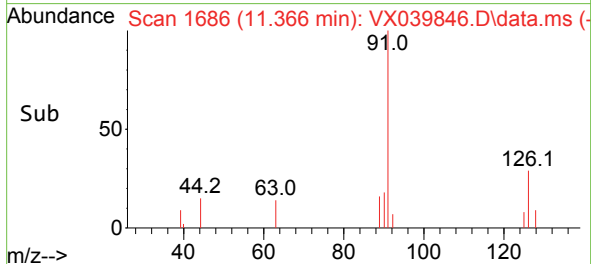
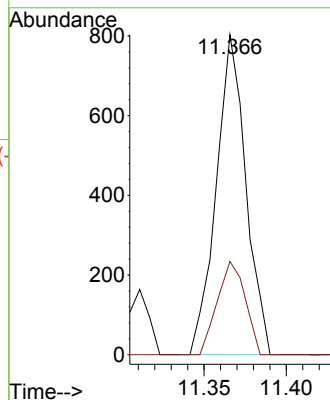
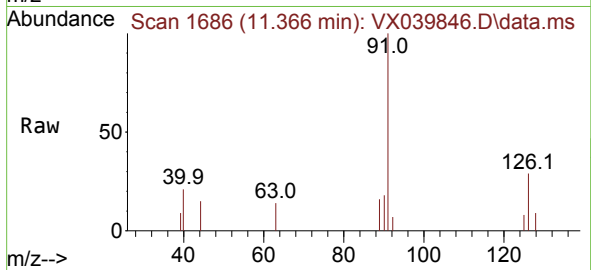




#82  
4-Chlorotoluene  
Concen: 0.214 ug/l  
RT: 11.366 min Scan# 1  
Delta R.T. -0.085 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

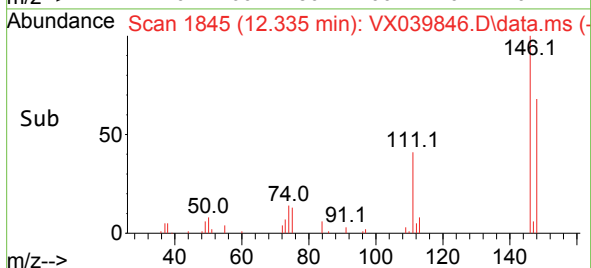
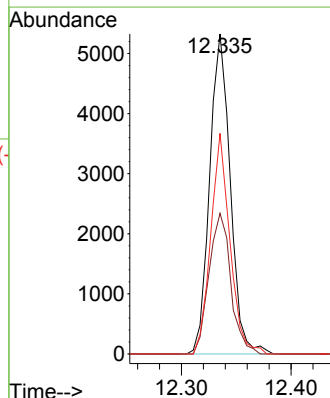
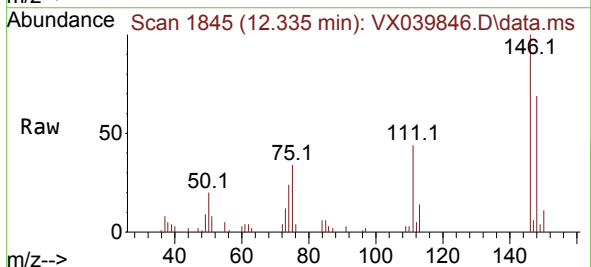
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-5-37-40

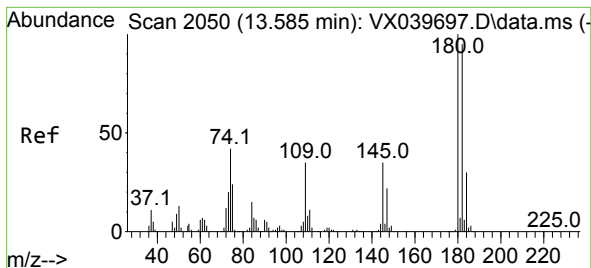
Tgt Ion: 91 Resp: 1006  
Ion Ratio Lower Upper  
91 100  
126 27.3 14.2 42.6



#91  
1,2-Dichlorobenzene  
Concen: 2.972 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX039846.D  
Acq: 19 Jan 2024 17:52

Tgt Ion: 146 Resp: 6952  
Ion Ratio Lower Upper  
146 100  
111 46.4 22.4 67.0  
148 64.4 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.981 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

Instrument :

MSVOA\_X

ClientSampleId :

SUMOGW-5-37-40

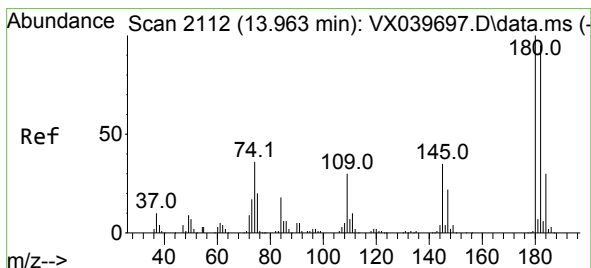
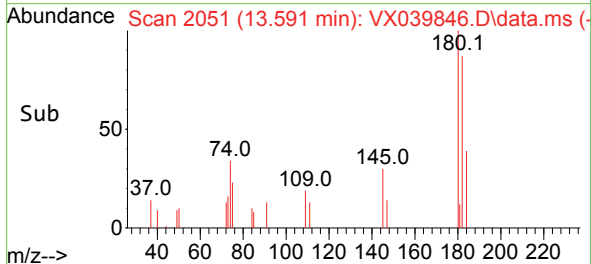
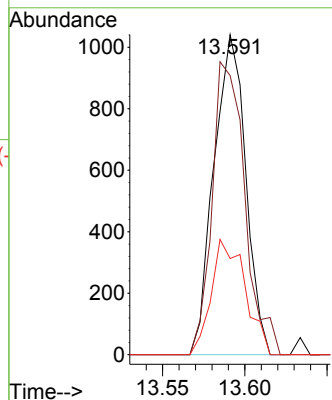
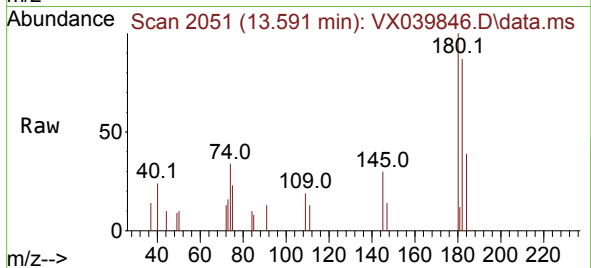
Tgt Ion:180 Resp: 1402

Ion Ratio Lower Upper

180 100

182 94.2 48.3 144.8

145 38.4 18.0 54.0



#96

1,2,3-Trichlorobenzene

Concen: 0.200 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

Tgt Ion:180 Resp: 289

Ion Ratio Lower Upper

180 100

182 92.4 46.9 140.6

145 13.5 17.8 53.5#

