

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061523\  
 Data File : VN078228.D  
 Acq On : 15 Jun 2023 15:08  
 Operator : JC\MD  
 Sample : 03259-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

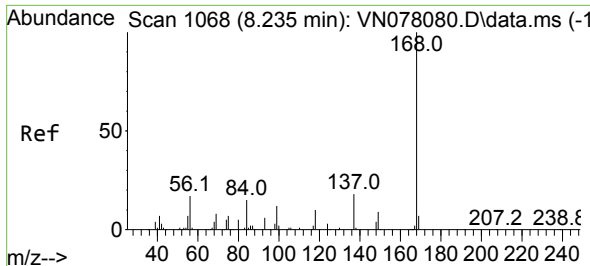
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 GWOW-BR-05-167-187-061423

Quant Time: Jun 16 06:07:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|-----------|--------|----------|
| -----                         |                |      |                     |           |        |          |
| Internal Standards            |                |      |                     |           |        |          |
| 1) Pentafluorobenzene         | 8.230          | 168  | 338300              | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.112          | 114  | 619334              | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.870         | 117  | 543457              | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.800         | 152  | 151854              | 50.000    | ug/l   | 0.00     |
|                               |                |      |                     |           |        |          |
| System Monitoring Compounds   |                |      |                     |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.588          | 65   | 237992              | 52.763    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 105.520% |           |        |          |
| 35) Dibromofluoromethane      | 8.177          | 113  | 212334              | 54.223    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 108.440% |           |        |          |
| 50) Toluene-d8                | 10.571         | 98   | 778913              | 51.596    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 103.200% |           |        |          |
| 62) 4-Bromofluorobenzene      | 12.853         | 95   | 212467              | 45.272    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 90.540%  |           |        |          |
|                               |                |      |                     |           |        |          |
| Target Compounds              |                |      |                     |           |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.089          | 85   | 1330                | 0.348     | ug/l   | 91       |
| 3) Chloromethane              | 2.365          | 50   | 1132                | Below Cal |        | 88       |
| 4) Vinyl Chloride             | 2.518          | 62   | 4150                | 0.829     | ug/l   | 97       |
| 5) Bromomethane               | 2.977          | 94   | 1883                | 0.498     | ug/l   | 98       |
| 11) Tert butyl alcohol        | 5.777          | 59   | 1092                | 1.753     | ug/l # | 72       |
| 12) 1,1-Dichloroethene        | 4.347          | 96   | 470674              | 127.408   | ug/l   | 90       |
| 16) Acetone                   | 4.453          | 43   | 5011                | 3.860     | ug/l # | 74       |
| 21) trans-1,2-Dichloroethene  | 5.800          | 96   | 42485               | 10.663    | ug/l   | 86       |
| 24) 1,1-Dichloroethane        | 6.577          | 63   | 58588               | 8.373     | ug/l   | 97       |
| 25) 2-Butanone                | 7.506          | 43   | 1345                | 0.674     | ug/l # | 1        |
| 27) cis-1,2-Dichloroethene    | 7.494          | 96   | 310886              | 65.412    | ug/l   | 95       |
| 29) Tetrahydrofuran           | 7.865          | 42   | 778                 | 0.583     | ug/l # | 39       |
| 31) Cyclohexane               | 8.230          | 56   | 7675                | 1.326     | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 8.230          | 75   | 29700               | 5.288     | ug/l # | 49       |
| 37) Ethyl Acetate             | 7.506          | 43   | 1345                | 0.307     | ug/l # | 1        |
| 38) Carbon Tetrachloride      | 8.235          | 117  | 36410               | 6.139     | ug/l # | 17       |
| 39) Methylcyclohexane         | 9.365          | 83   | 3903                | 0.670     | ug/l # | 1        |
| 40) Benzene                   | 8.612          | 78   | 5736                | 0.342     | ug/l   | 100      |
| 42) 1,2-Dichloroethane        | 8.682          | 62   | 33899               | 5.896     | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.765          | 43   | 5050                | 0.602     | ug/l # | 49       |
| 44) Trichloroethene           | 9.359          | 130  | 305527              | 68.991    | ug/l   | 100      |
| 49) 1,4-Dioxane               | 9.694          | 88   | 7347                | 99.259    | ug/l # | 93       |
| 52) Toluene                   | 10.635         | 92   | 53350               | 5.039     | ug/l   | 99       |
| 71) Bromoform                 | 12.847         | 173  | 1207                | 0.437     | ug/l # | 1        |
| 75) 1,1,2,2-Tetrachloroethane | 12.853         | 83   | 268                 | Below Cal | #      | 1        |
| 76) 1,2,3-Trichloropropane    | 12.853         | 75   | 112260              | 31.271    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.853         | 75   | 112260              | 96.075    | ug/l # | 15       |
| -----                         |                |      |                     |           |        |          |

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

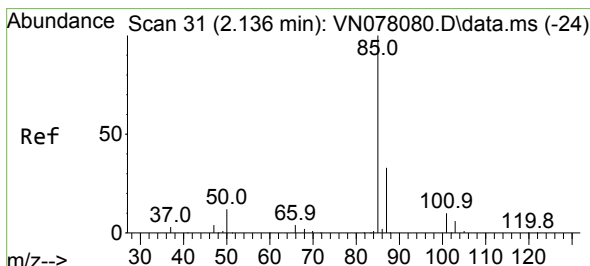
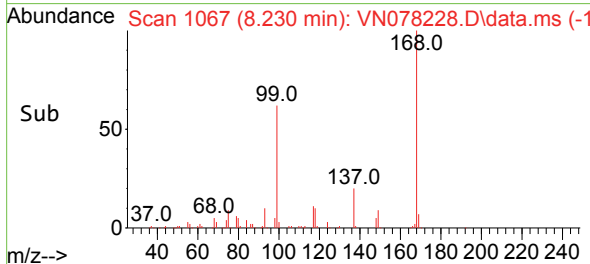
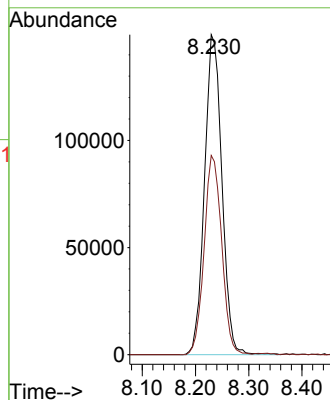
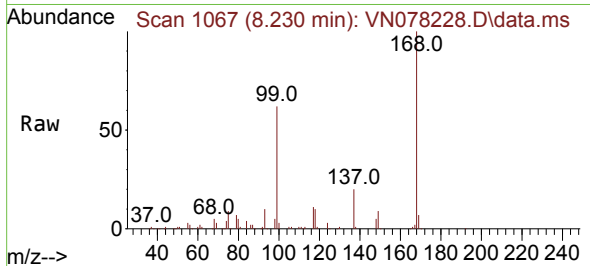




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.005 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

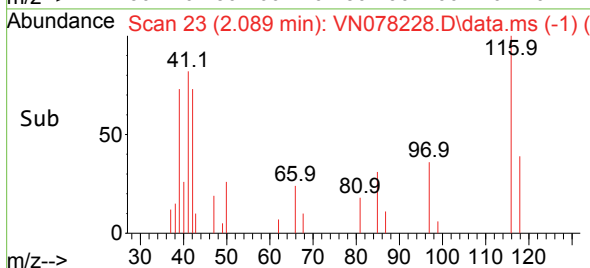
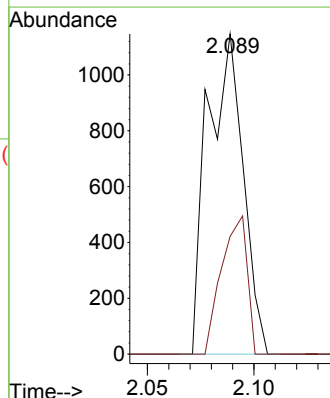
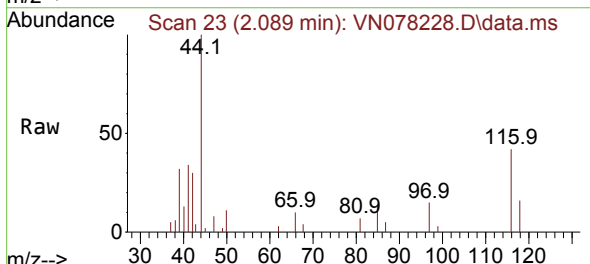
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ClientSampleId :  
GWOW-BR-05-167-187-061423

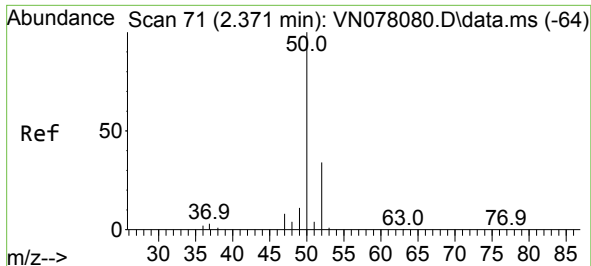
Tgt Ion:168 Resp: 338300  
Ion Ratio Lower Upper  
168 100  
99 62.3 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 0.348 ug/l  
RT: 2.089 min Scan# 23  
Delta R.T. -0.047 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

Tgt Ion: 85 Resp: 1330  
Ion Ratio Lower Upper  
85 100  
87 36.8 15.8 47.4

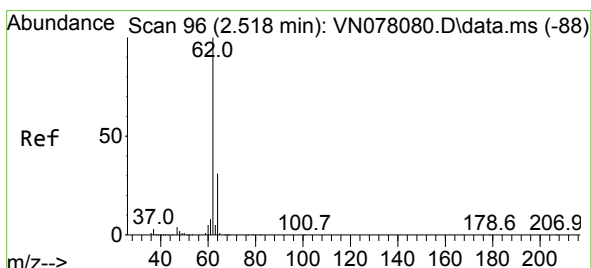
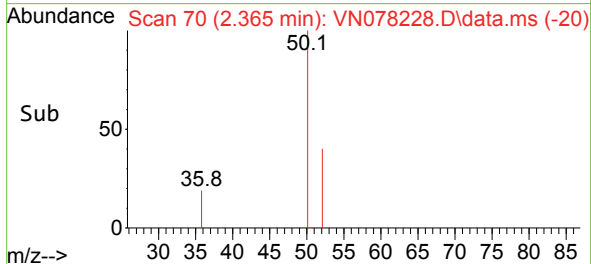
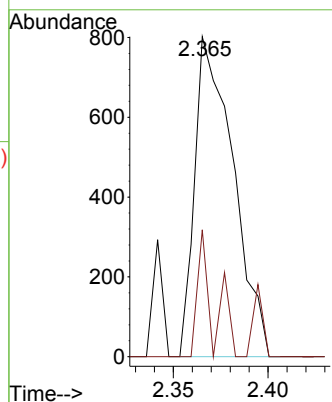
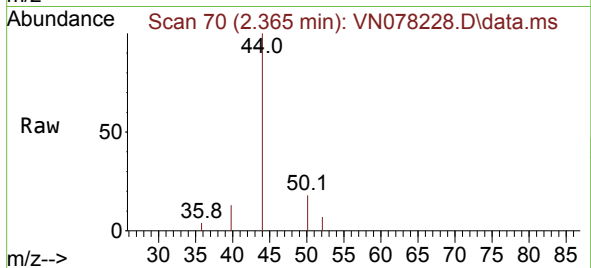




#3  
Chloromethane  
Concen: Below Cal  
RT: 2.365 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

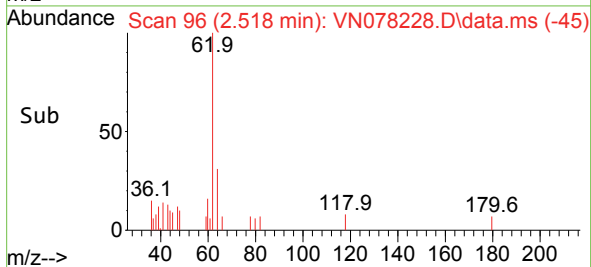
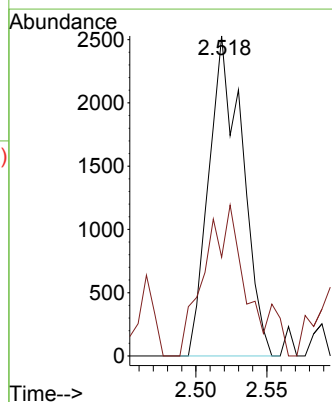
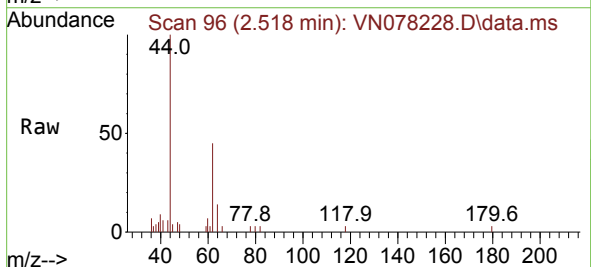
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ClientSampleId :  
GWOW-BR-05-167-187-061423

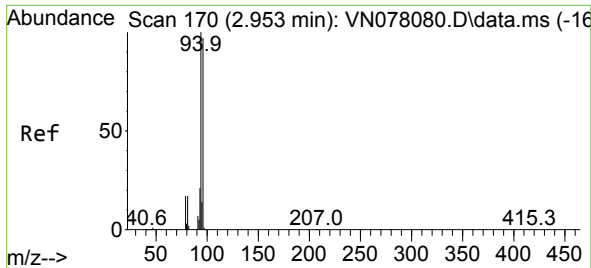
Tgt Ion: 50 Resp: 1132  
Ion Ratio Lower Upper  
50 100  
52 39.7 26.5 39.7



#4  
Vinyl Chloride  
Concen: 0.829 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

Tgt Ion: 62 Resp: 4150  
Ion Ratio Lower Upper  
62 100  
64 30.8 26.2 39.2

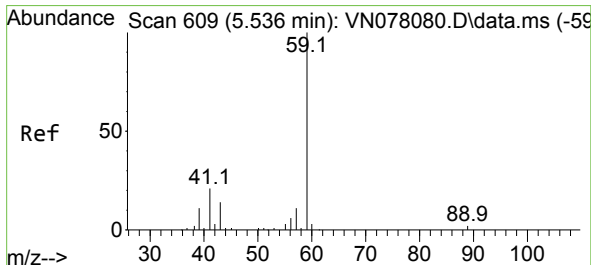
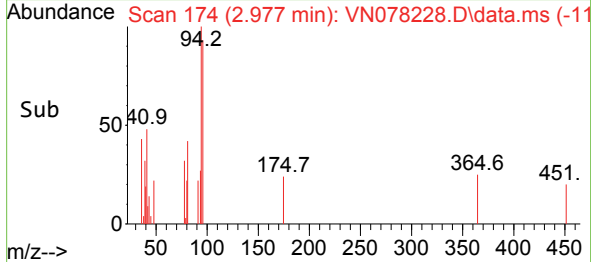
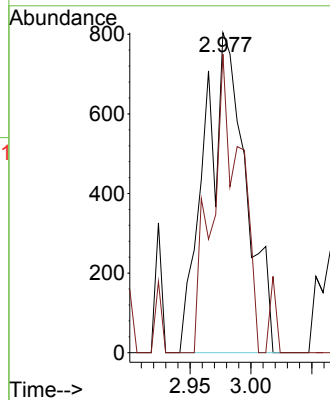
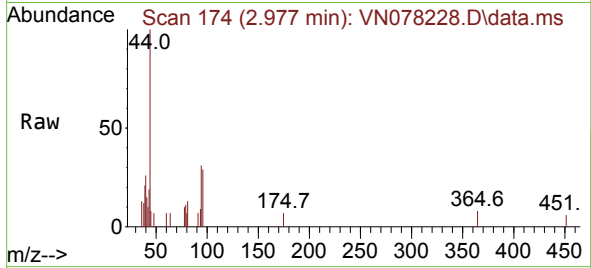




#5  
Bromomethane  
Concen: 0.498 ug/l  
RT: 2.977 min Scan# 11  
Delta R.T. 0.024 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

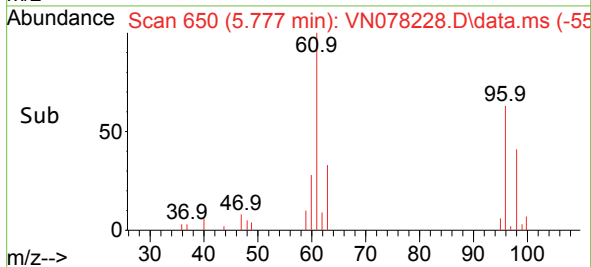
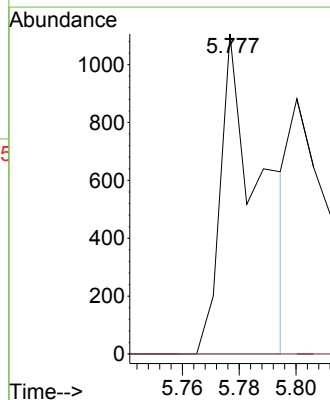
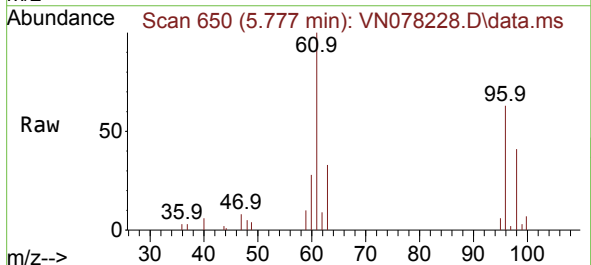
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GWOW-BR-05-167-187-061423

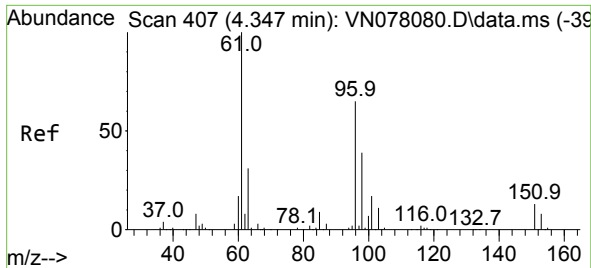
Tgt Ion: 94 Resp: 1883  
Ion Ratio Lower Upper  
94 100  
96 93.3 73.1 109.7



#11  
Tert butyl alcohol  
Concen: 1.753 ug/l  
RT: 5.777 min Scan# 650  
Delta R.T. 0.241 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

Tgt Ion: 59 Resp: 1092  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#

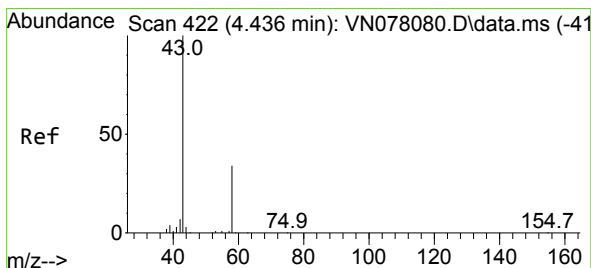
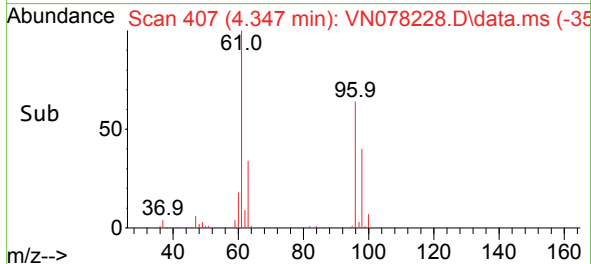
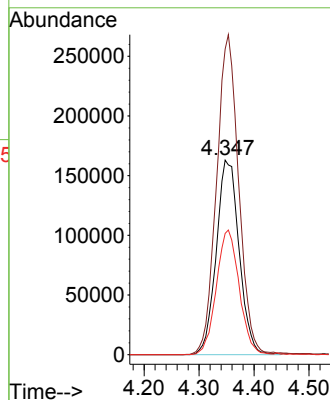
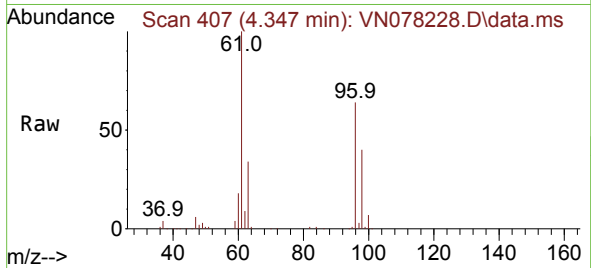




#12  
1,1-Dichloroethene  
Concen: 127.408 ug/l  
RT: 4.347 min Scan# 407  
Delta R.T. -0.000 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

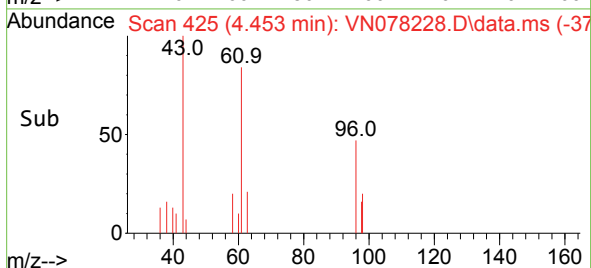
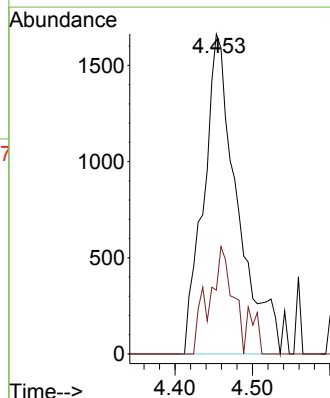
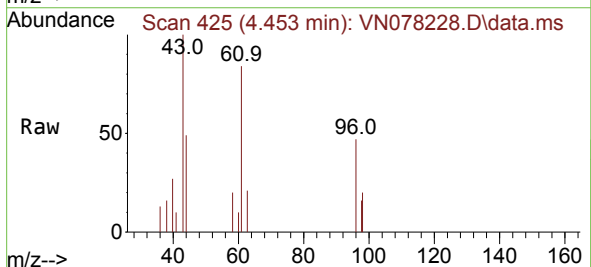
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ClientSampleId :  
GWOW-BR-05-167-187-061423

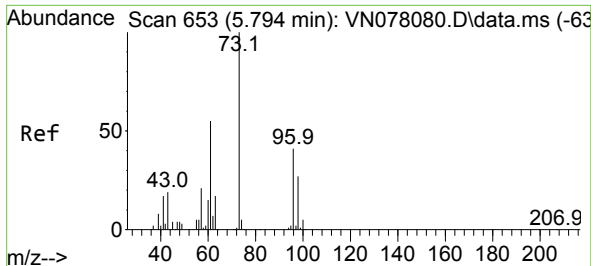
Tgt Ion: 96 Resp: 470674  
Ion Ratio Lower Upper  
96 100  
61 157.1 112.7 169.1  
98 62.3 51.2 76.8



#16  
Acetone  
Concen: 3.860 ug/l  
RT: 4.453 min Scan# 425  
Delta R.T. 0.018 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

Tgt Ion: 43 Resp: 5011  
Ion Ratio Lower Upper  
43 100  
58 20.0 28.0 42.0#

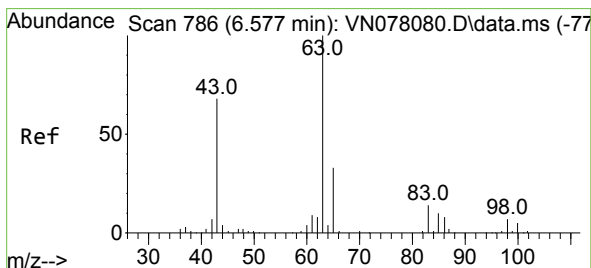
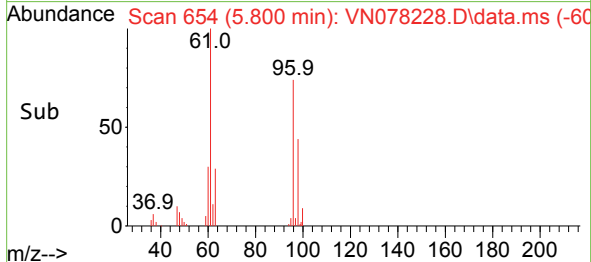
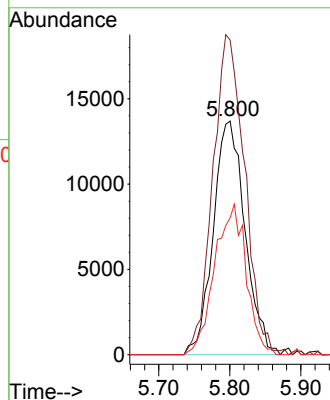
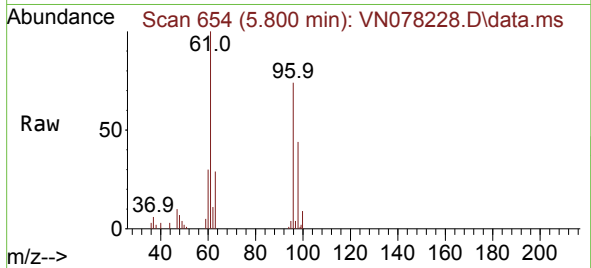




#21  
trans-1,2-Dichloroethene  
Concen: 10.663 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

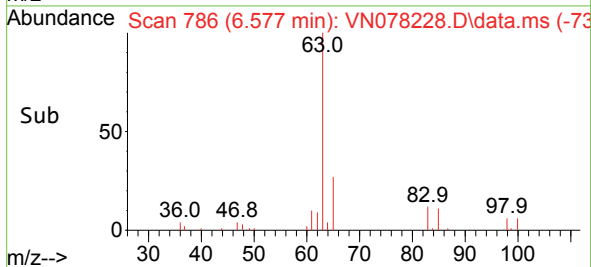
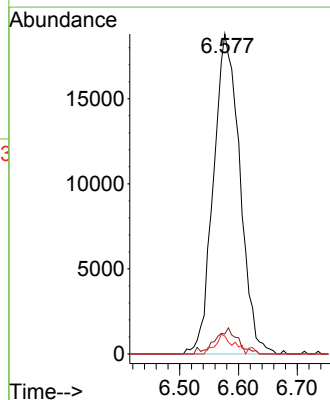
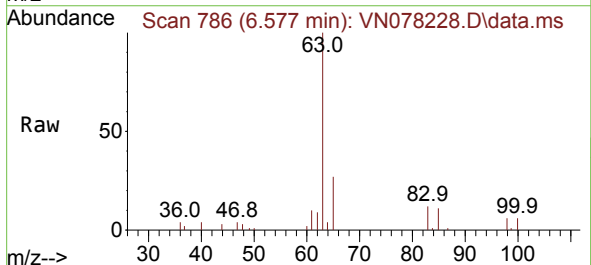
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ClientSampleId :  
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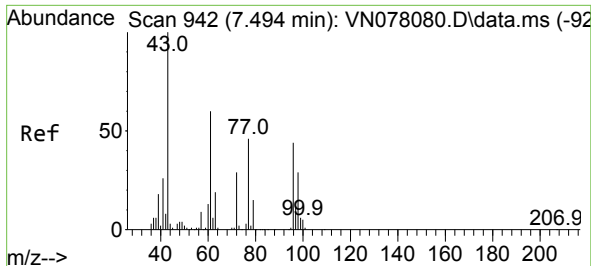
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Ion Ratio Lower Upper  
96 100  
61 134.7 90.1 135.1  
98 58.6 46.4 69.6



#24  
1,1-Dichloroethane  
Concen: 8.373 ug/l  
RT: 6.577 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

Tgt Ion: 63 Resp: 58588  
Ion Ratio Lower Upper  
63 100  
98 6.3 3.9 11.7  
100 5.6 2.5 7.4

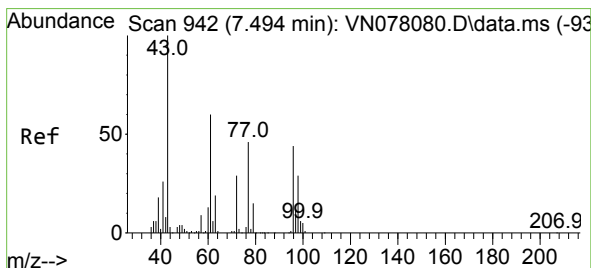
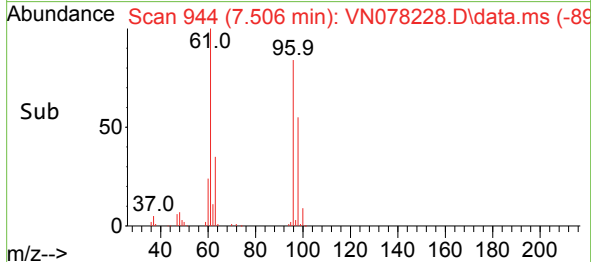
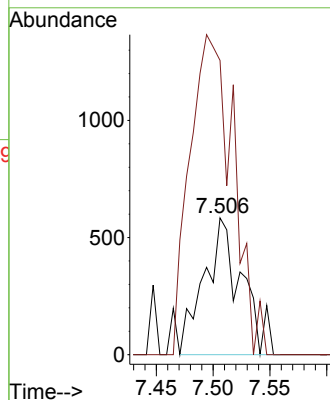
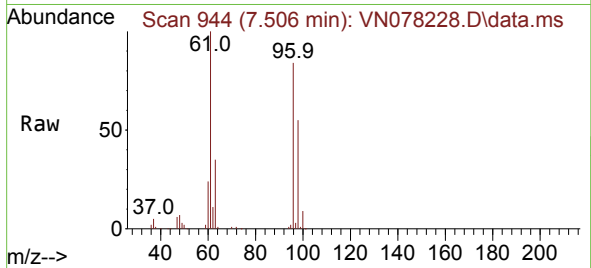




#25  
2-Butanone  
Concen: 0.674 ug/l  
RT: 7.506 min Scan# 944  
Delta R.T. 0.012 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

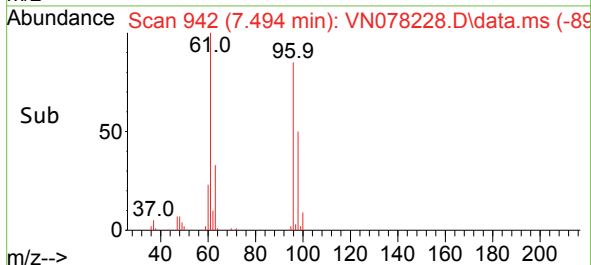
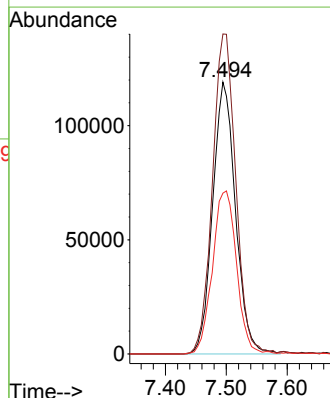
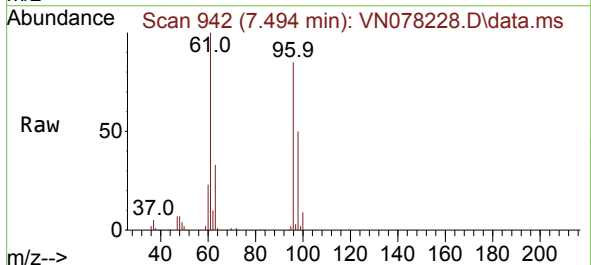
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MSVOA\_N  
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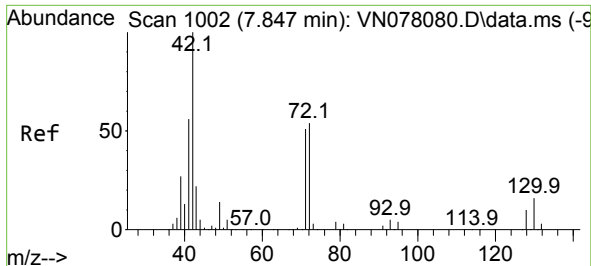
Tgt Ion: 43 Resp: 1345  
Ion Ratio Lower Upper  
43 100  
72 215.1 30.2 45.2#



#27  
cis-1,2-Dichloroethene  
Concen: 65.412 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

Tgt Ion: 96 Resp: 310886  
Ion Ratio Lower Upper  
96 100  
61 119.6 0.0 255.2  
98 63.2 0.0 128.8

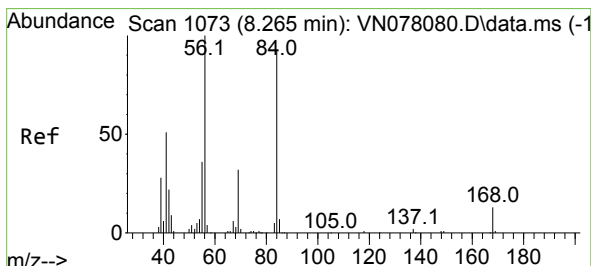
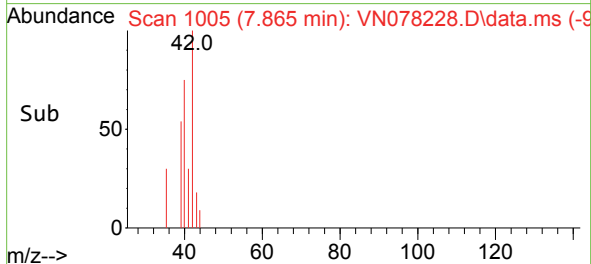
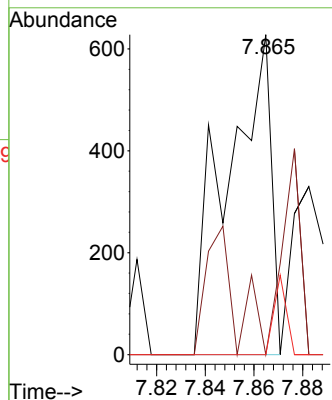
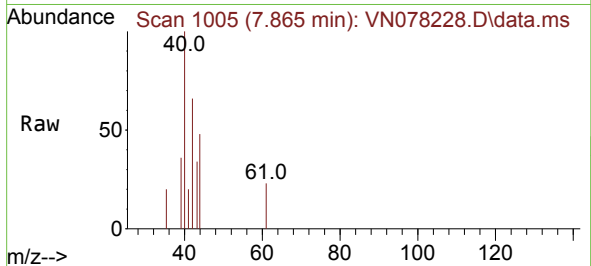




#29  
Tetrahydrofuran  
Concen: 0.583 ug/l  
RT: 7.865 min Scan# 1067  
Delta R.T. 0.018 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

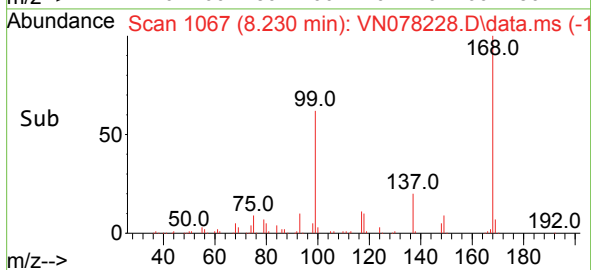
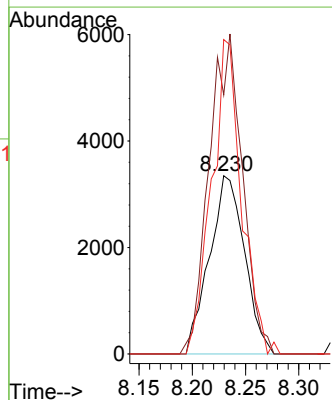
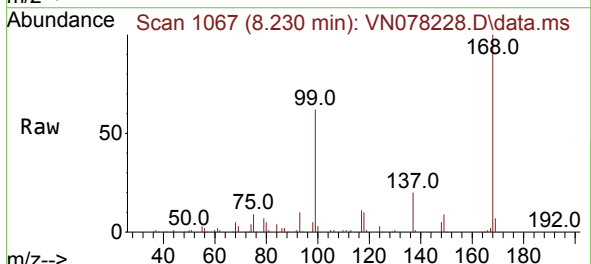
Instrument :  
MSVOA\_N  
ClientSampleId :  
GWOW-BR-05-167-187-061423

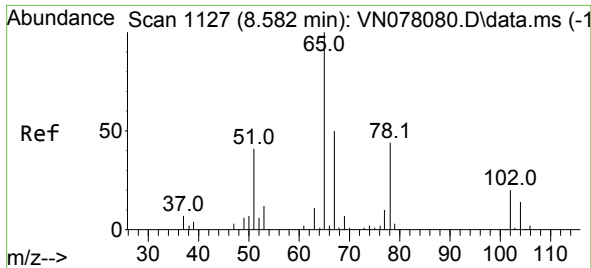
Tgt Ion: 42 Resp: 778  
Ion Ratio Lower Upper  
42 100  
72 27.8 49.8 74.6#  
71 0.0 47.4 71.2#



#31  
Cyclohexane  
Concen: 1.326 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.035 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

Tgt Ion: 56 Resp: 7675  
Ion Ratio Lower Upper  
56 100  
69 145.3 26.8 40.2#  
84 176.4 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 52.763 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078228.D

Acq: 15 Jun 2023 15:08

Instrument :

MSVOA\_N

ClientSampleId :

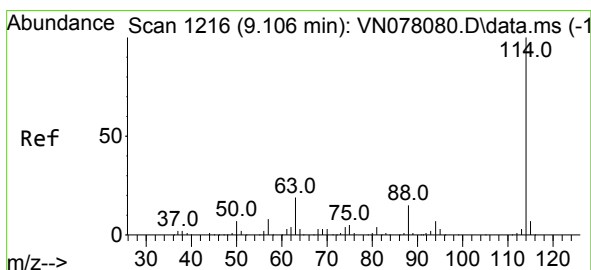
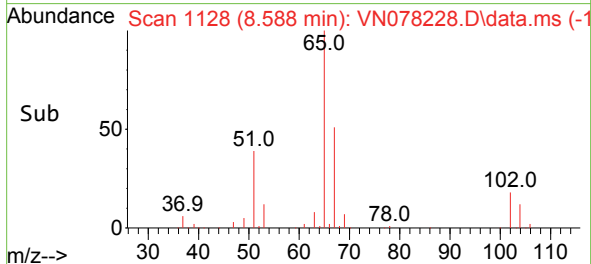
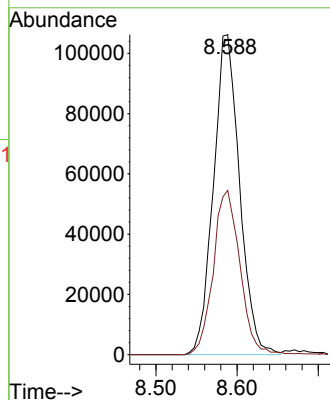
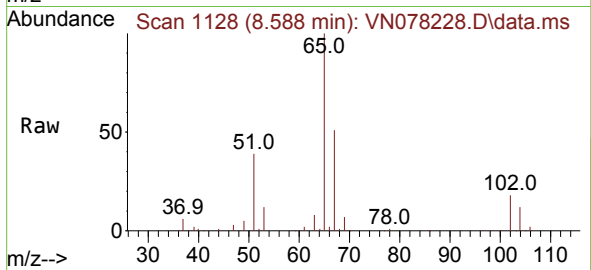
GWOW-BR-05-167-187-061423

Tgt Ion: 65 Resp: 237992

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078228.D

Acq: 15 Jun 2023 15:08

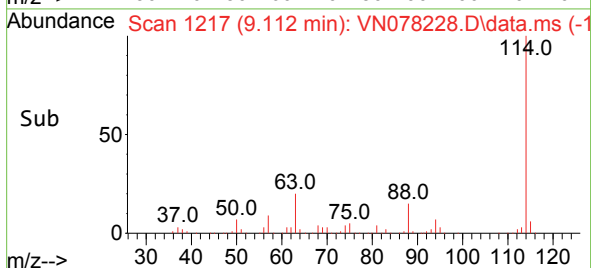
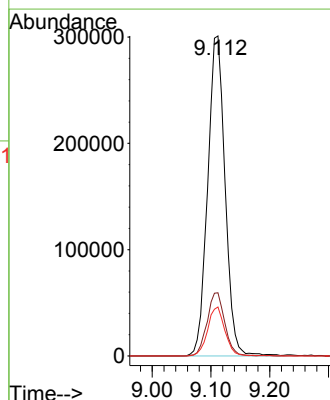
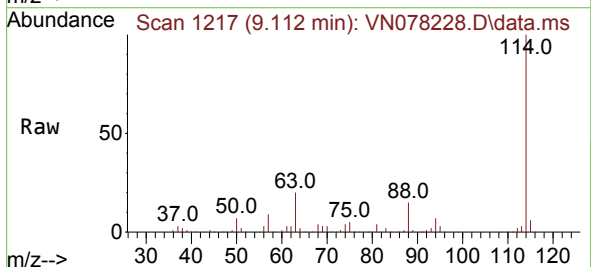
Tgt Ion: 114 Resp: 619334

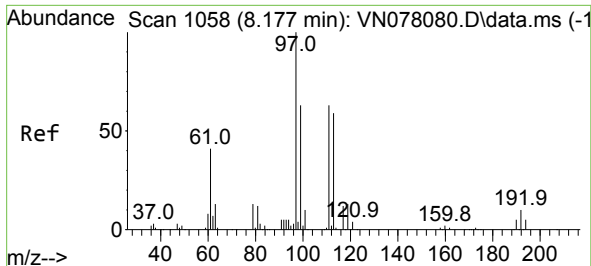
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 15.3 0.0 30.6

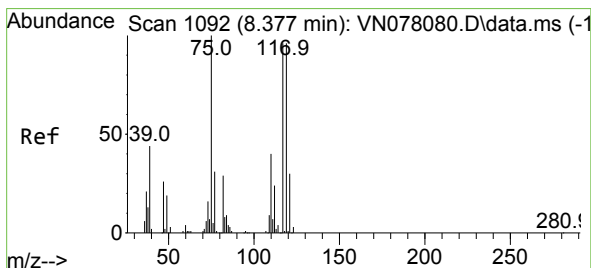
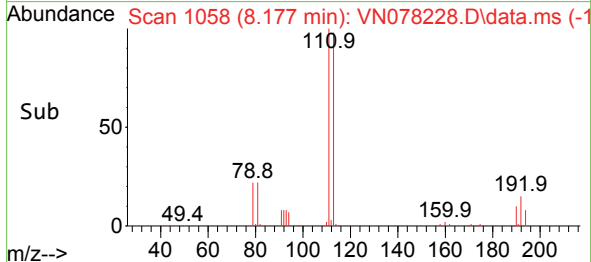
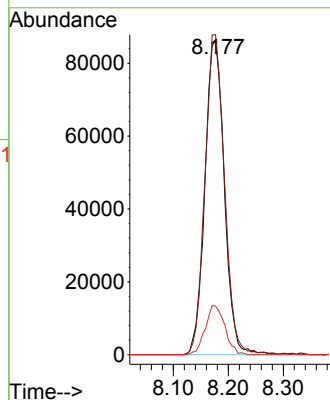
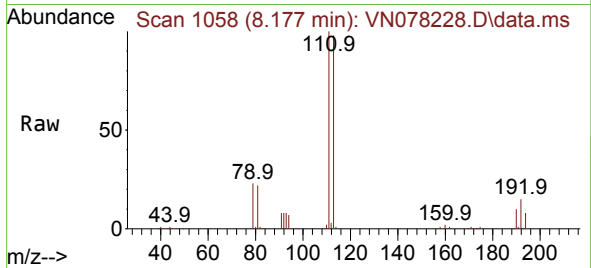




#35  
 Dibromofluoromethane  
 Concen: 54.223 ug/l  
 RT: 8.177 min Scan# 1058  
 Delta R.T. 0.000 min  
 Lab File: VN078228.D  
 Acq: 15 Jun 2023 15:08

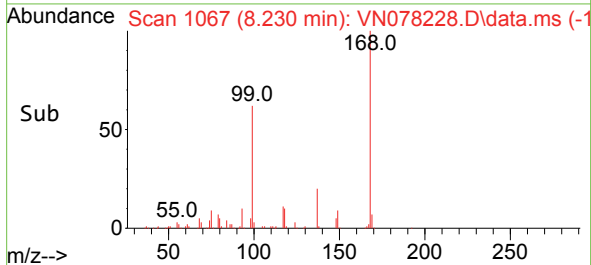
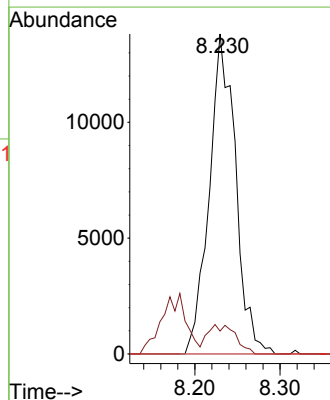
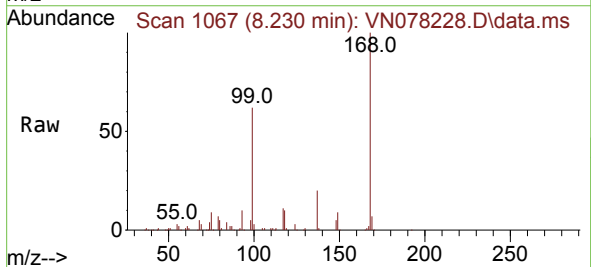
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 GWOW-BR-05-167-187-061423

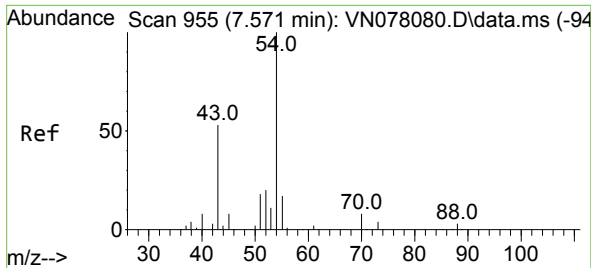
Tgt Ion:113 Resp: 212334  
 Ion Ratio Lower Upper  
 113 100  
 111 102.1 82.6 123.8  
 192 15.8 12.7 19.1



#36  
 1,1-Dichloropropene  
 Concen: 5.288 ug/l  
 RT: 8.230 min Scan# 1067  
 Delta R.T. -0.147 min  
 Lab File: VN078228.D  
 Acq: 15 Jun 2023 15:08

Tgt Ion: 75 Resp: 29700  
 Ion Ratio Lower Upper  
 75 100  
 110 9.7 19.1 57.3#  
 77 0.0 25.0 37.4#

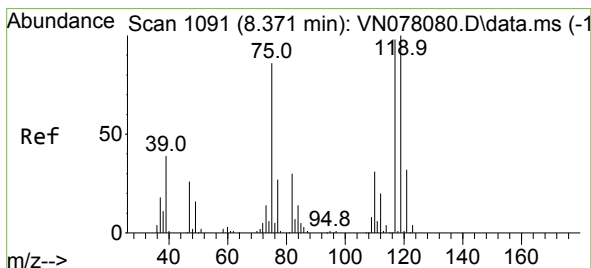
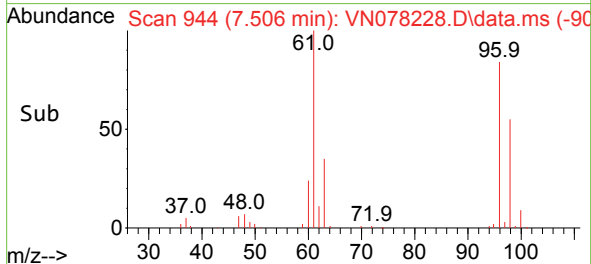
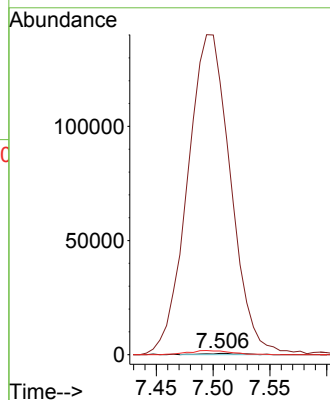
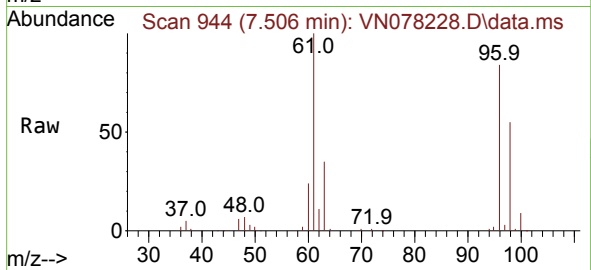




#37  
Ethyl Acetate  
Concen: 0.307 ug/l  
RT: 7.506 min Scan# 94  
Delta R.T. -0.065 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

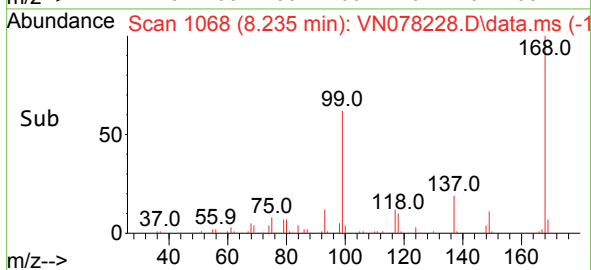
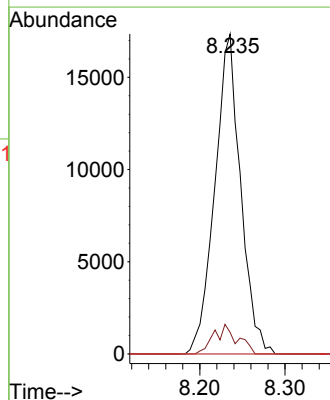
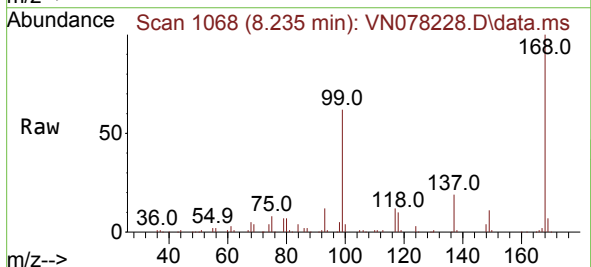
Instrument :  
MSVOA\_N  
ClientSampleId :  
GWOW-BR-05-167-187-061423

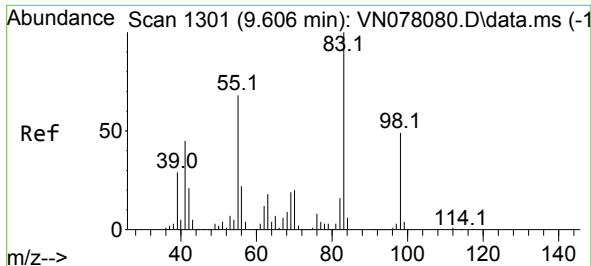
Tgt Ion: 43 Resp: 1345  
Ion Ratio Lower Upper  
43 100  
61 27635.6 13.2 19.8#  
70 357.3 11.3 16.9#



#38  
Carbon Tetrachloride  
Concen: 6.139 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. -0.135 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

Tgt Ion: 117 Resp: 36410  
Ion Ratio Lower Upper  
117 100  
119 6.7 77.3 115.9#  
121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 0.670 ug/l

RT: 9.365 min Scan# 11260

Delta R.T. -0.241 min

Lab File: VN078228.D

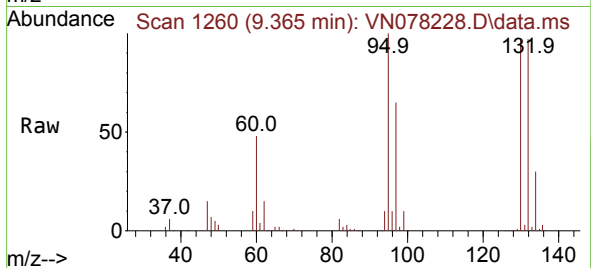
Acq: 15 Jun 2023 15:08

Instrument :

MSVOA\_N

ClientSampleId :

GWOW-BR-05-167-187-061423



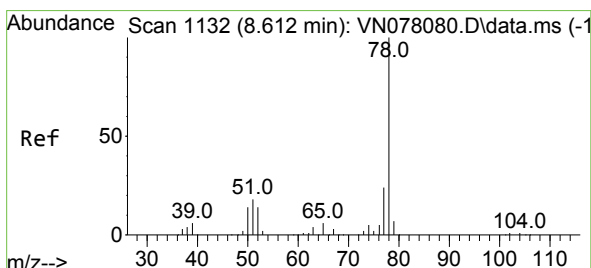
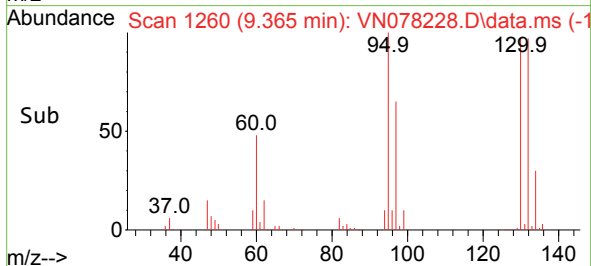
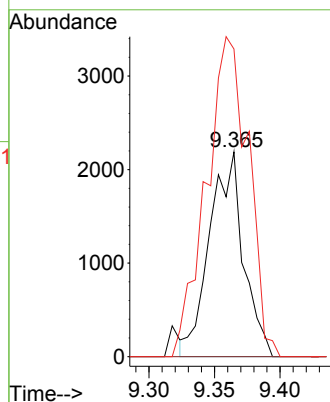
Tgt Ion: 83 Resp: 3903

Ion Ratio Lower Upper

83 100

55 0.0 49.1 73.7#

98 150.3 40.6 61.0#



#40

Benzene

Concen: 0.342 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078228.D

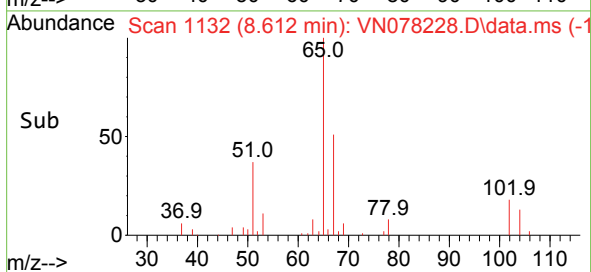
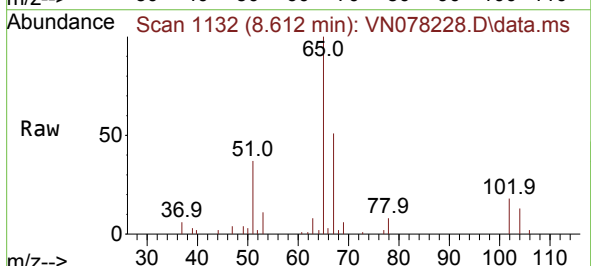
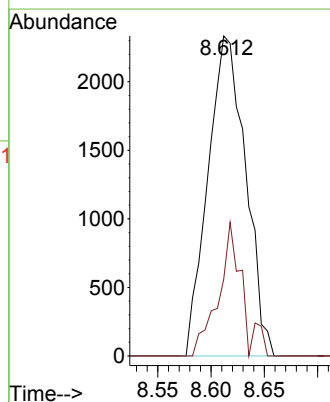
Acq: 15 Jun 2023 15:08

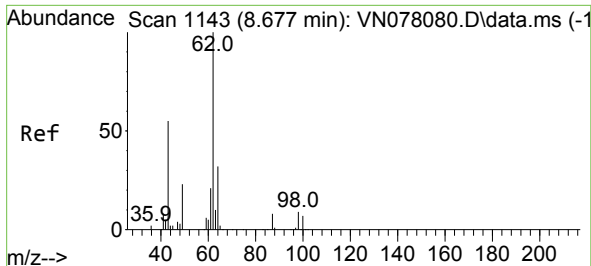
Tgt Ion: 78 Resp: 5736

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6





#42

1,2-Dichloroethane

Concen: 5.896 ug/l

RT: 8.682 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN078228.D

Acq: 15 Jun 2023 15:08

Instrument :

MSVOA\_N

ClientSampleId :

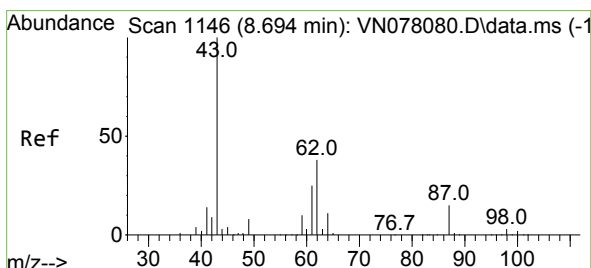
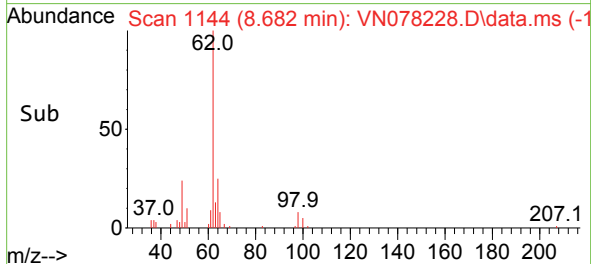
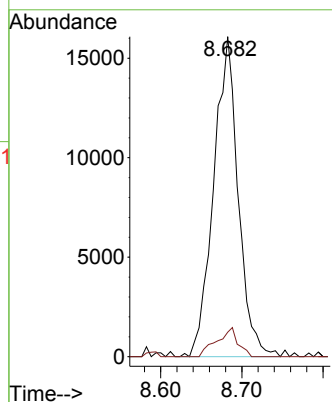
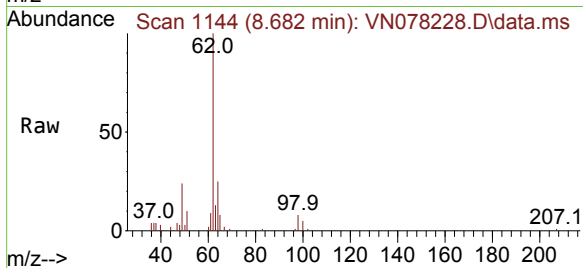
GWOW-BR-05-167-187-061423

Tgt Ion: 62 Resp: 33899

Ion Ratio Lower Upper

62 100

98 7.8 0.0 19.8



#43

Isopropyl Acetate

Concen: 0.602 ug/l

RT: 8.765 min Scan# 1158

Delta R.T. 0.071 min

Lab File: VN078228.D

Acq: 15 Jun 2023 15:08

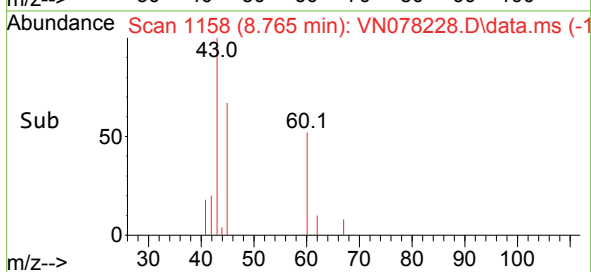
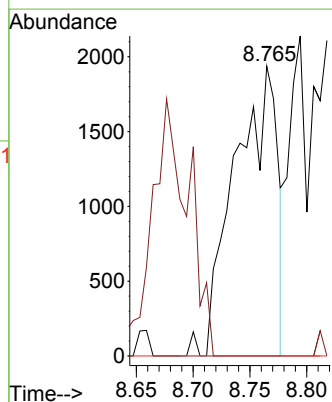
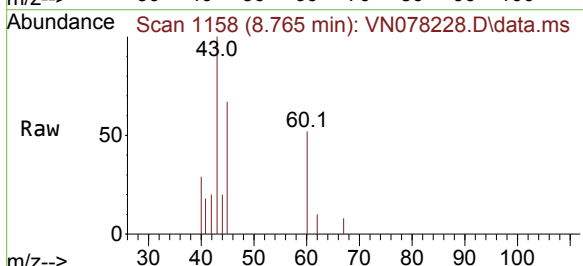
Tgt Ion: 43 Resp: 5050

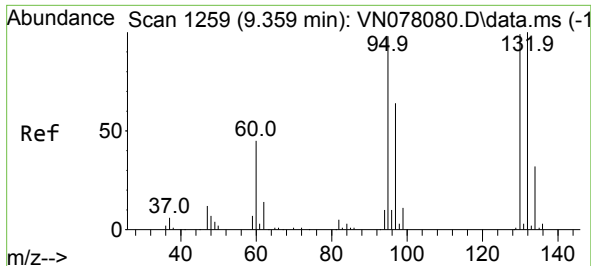
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#

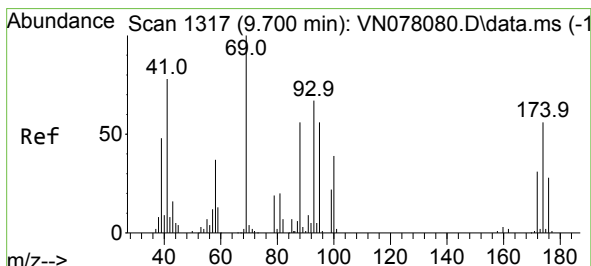
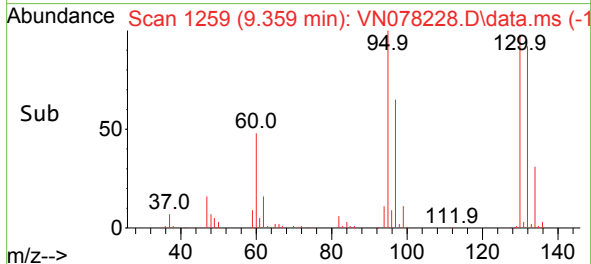
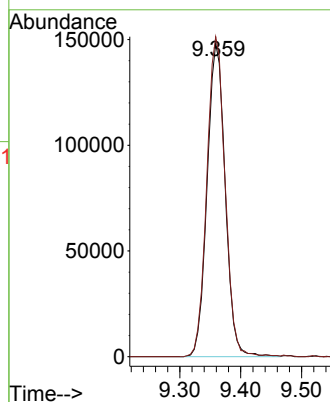
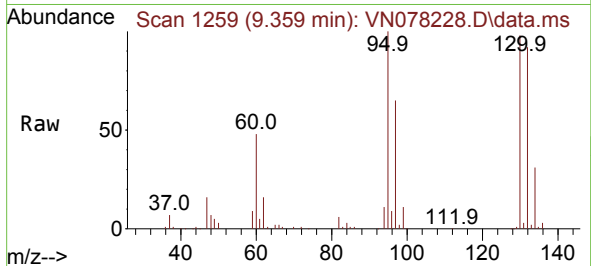




#44  
Trichloroethene  
Concen: 68.991 ug/l  
RT: 9.359 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

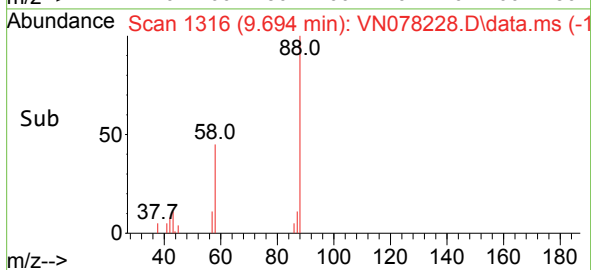
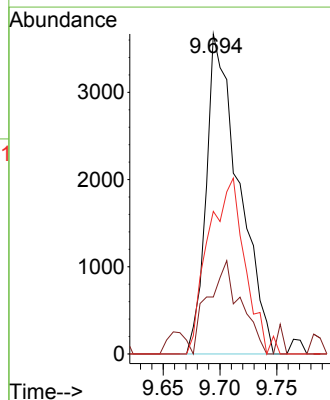
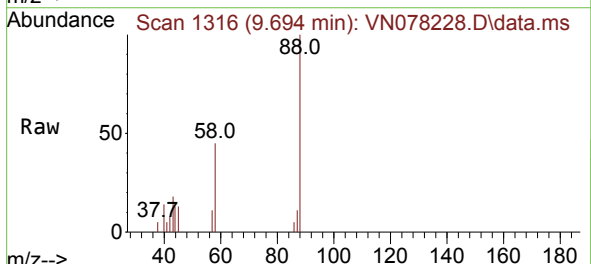
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MSVOA\_N  
ClientSampleId :  
GWOW-BR-05-167-187-061423

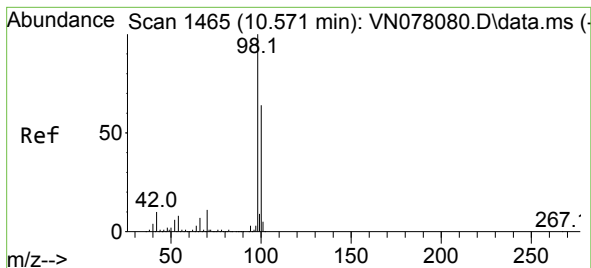
Tgt Ion:130 Resp: 305527  
Ion Ratio Lower Upper  
130 100  
95 102.2 0.0 204.6



#49  
1,4-Dioxane  
Concen: 99.259 ug/l  
RT: 9.694 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

Tgt Ion: 88 Resp: 7347  
Ion Ratio Lower Upper  
88 100  
43 29.0 17.0 25.6#  
58 61.7 47.0 70.4

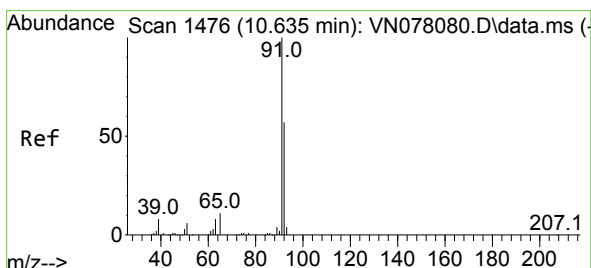
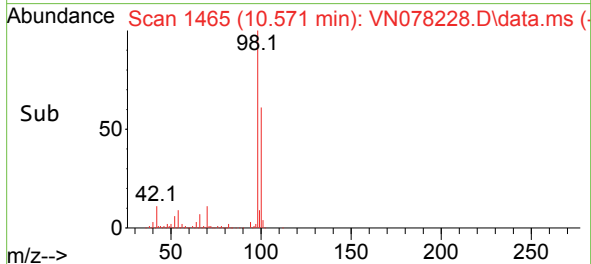
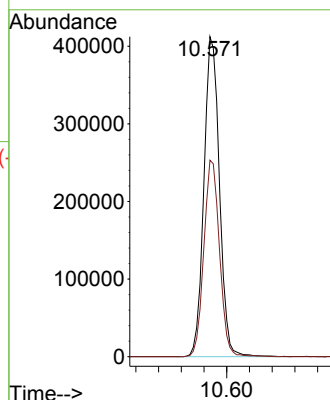
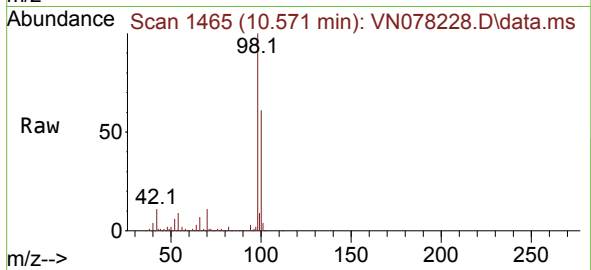




#50  
Toluene-d8  
Concen: 51.596 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

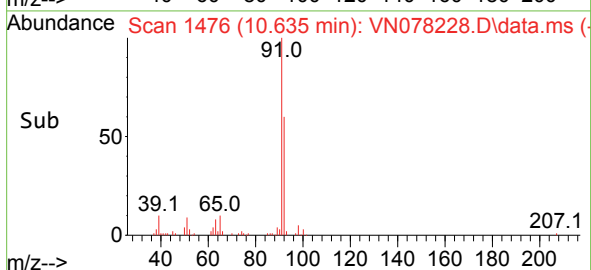
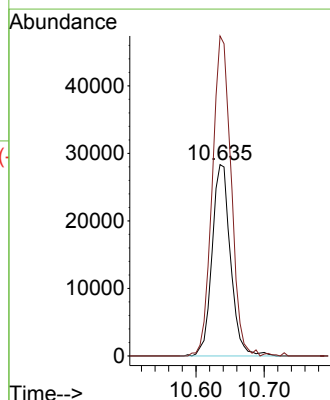
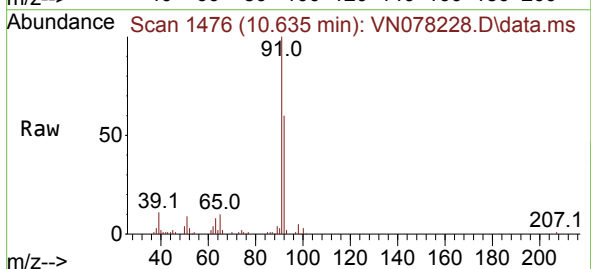
Instrument :  
MSVOA\_N  
ClientSampleId :  
GWOW-BR-05-167-187-061423

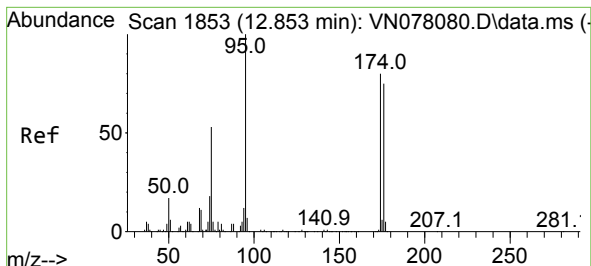
Tgt Ion: 98 Resp: 778913  
Ion Ratio Lower Upper  
98 100  
100 62.2 52.0 78.0



#52  
Toluene  
Concen: 5.039 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

Tgt Ion: 92 Resp: 53350  
Ion Ratio Lower Upper  
92 100  
91 170.7 137.4 206.0

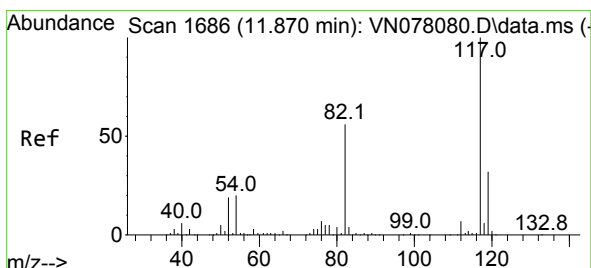
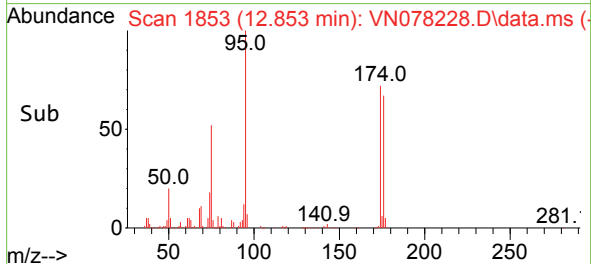
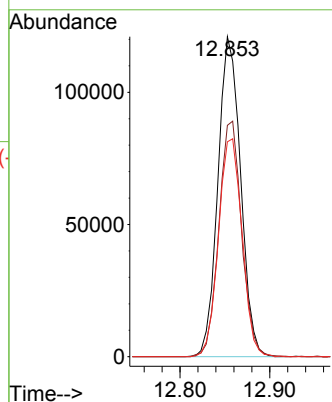
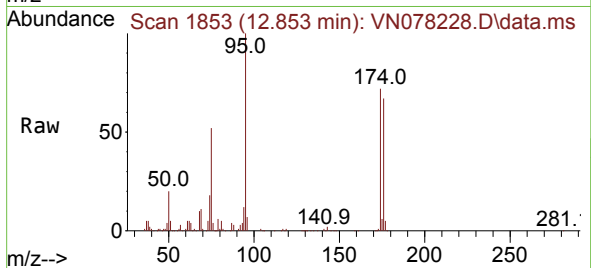




#62  
4-Bromofluorobenzene  
Concen: 45.272 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

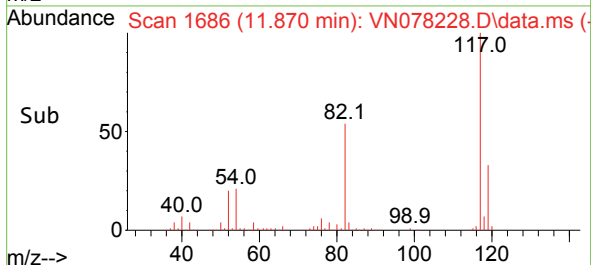
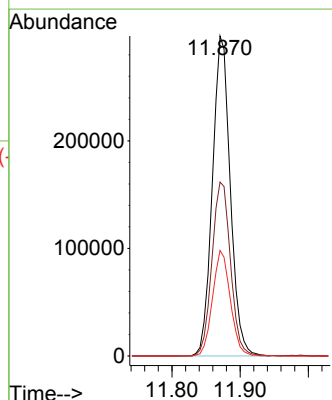
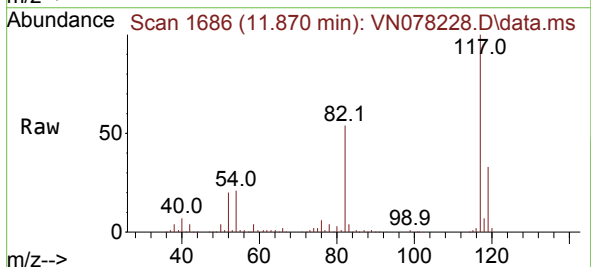
Instrument :  
MSVOA\_N  
ClientSampleId :  
GWOW-BR-05-167-187-061423

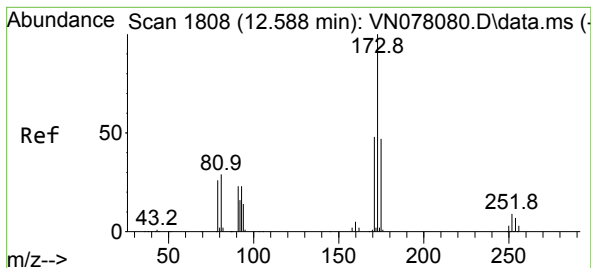
Tgt Ion: 95 Resp: 212467  
Ion Ratio Lower Upper  
95 100  
174 74.1 0.0 143.8  
176 70.7 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

Tgt Ion: 117 Resp: 543457  
Ion Ratio Lower Upper  
117 100  
82 54.4 44.0 66.0  
119 33.0 25.6 38.4





#71

Bromoform

Concen: 0.437 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.259 min

Lab File: VN078228.D

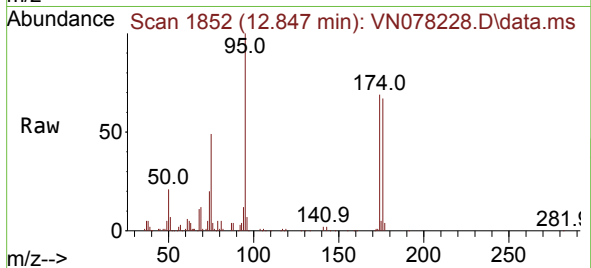
Acq: 15 Jun 2023 15:08

Instrument :

MSVOA\_N

ClientSampleId :

GWOW-BR-05-167-187-061423



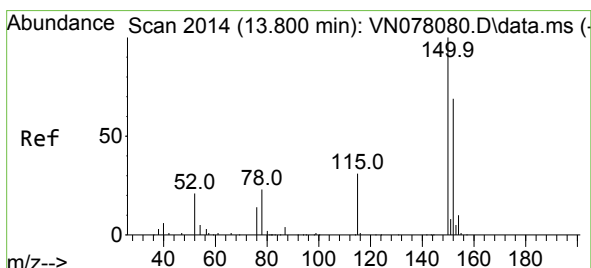
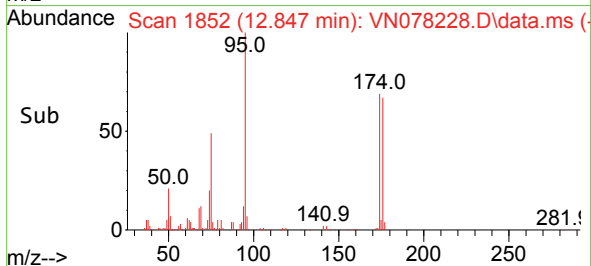
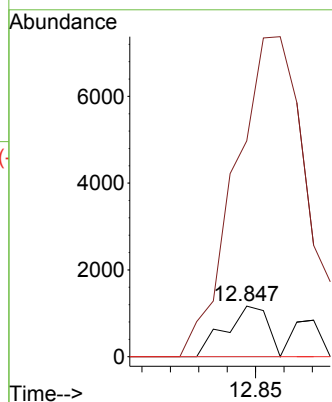
Tgt Ion:173 Resp: 1207

Ion Ratio Lower Upper

173 100

175 931.7 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078228.D

Acq: 15 Jun 2023 15:08

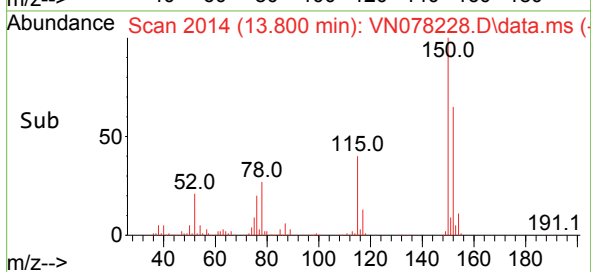
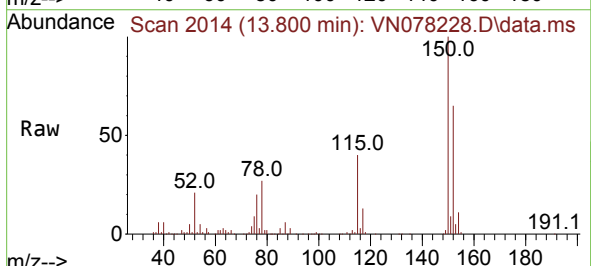
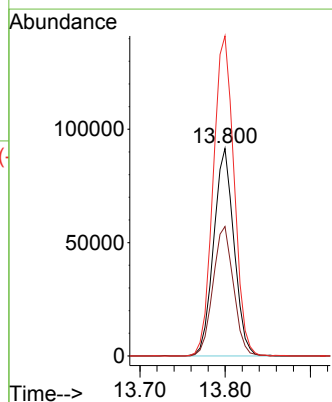
Tgt Ion:152 Resp: 151854

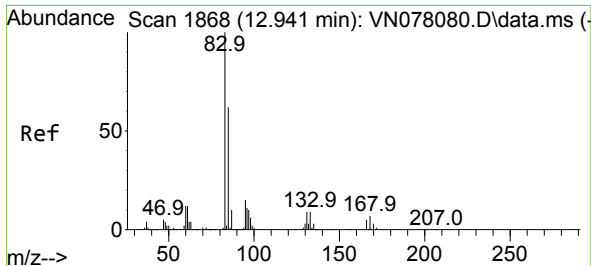
Ion Ratio Lower Upper

152 100

115 62.8 32.3 96.8

150 158.1 0.0 355.8

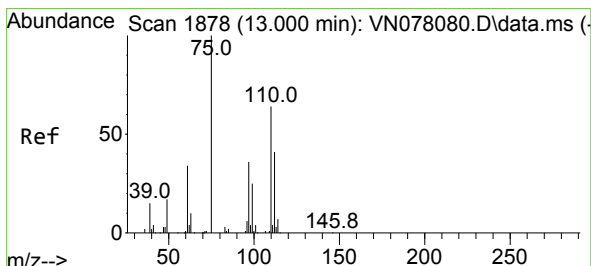
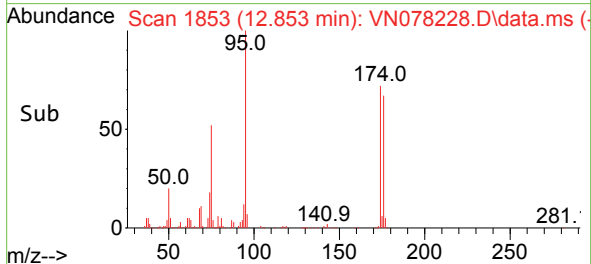
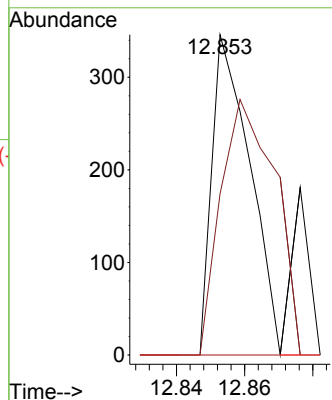
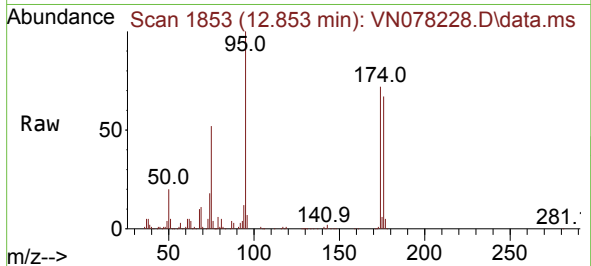




#75  
1,1,2,2-Tetrachloroethane  
Concen: Below Cal  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.088 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

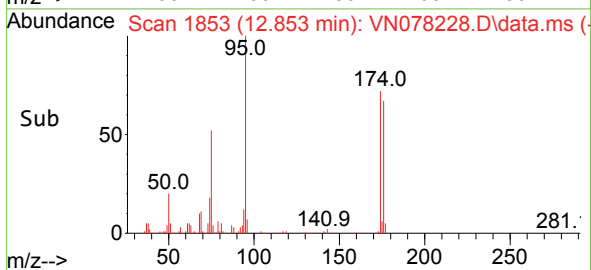
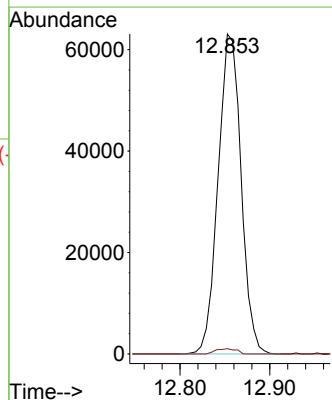
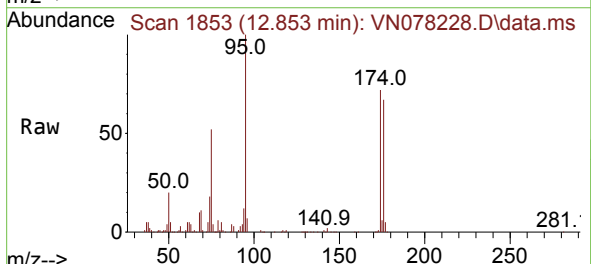
Instrument : MSVOA\_N  
ClientSampleId : GWOW-BR-05-167-187-061423

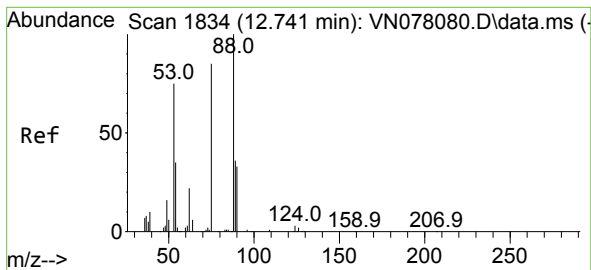
Tgt Ion: 83 Resp: 268  
Ion Ratio Lower Upper  
83 100  
131 114.2 5.0 15.0#  
85 0.0 31.9 95.7#



#76  
1,2,3-Trichloropropane  
Concen: 31.271 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.147 min  
Lab File: VN078228.D  
Acq: 15 Jun 2023 15:08

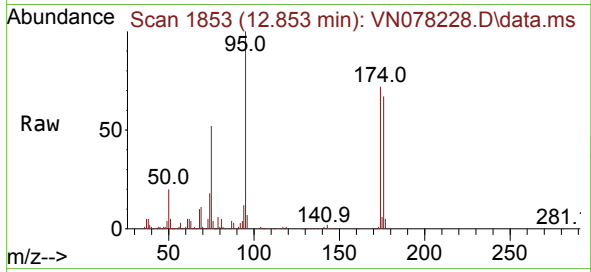
Tgt Ion: 75 Resp: 112260  
Ion Ratio Lower Upper  
75 100  
77 1.5 84.5 253.5#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 96.075 ug/l  
 RT: 12.853 min Scan# 11  
 Delta R.T. 0.112 min  
 Lab File: VN078228.D  
 Acq: 15 Jun 2023 15:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 GWOW-BR-05-167-187-061423



Tgt Ion: 75 Resp: 112260  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 67.4 101.2#  
 89 0.0 38.8 58.2#

