

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042423\  
 Data File : VN077464.D  
 Acq On : 25 Apr 2023 11:43  
 Operator : JC\MD  
 Sample : 02460-04 40X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-5

Quant Time: Apr 25 14:07:46 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042423W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 02:50:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) Pentafluorobenzene         | 8.230          | 168  | 691414              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.107          | 114  | 1292306             | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.866         | 117  | 1148738             | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.795         | 152  | 411787              | 50.000 | ug/l   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.583          | 65   | 456747              | 50.625 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 101.260% |        |        |          |
| 35) Dibromofluoromethane      | 8.172          | 113  | 393530              | 50.665 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 101.320% |        |        |          |
| 50) Toluene-d8                | 10.572         | 98   | 1560795             | 52.430 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 104.860% |        |        |          |
| 62) 4-Bromofluorobenzene      | 12.854         | 95   | 480619              | 49.347 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 98.700%  |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.396          | 85   | 70                  | 0.317  | ug/l # | 43       |
| 13) Acrolein                  | 4.160          | 56   | 482                 | 0.335  | ug/l # | 1        |
| 15) Acrylonitrile             | 5.819          | 53   | 3960                | 1.205  | ug/l # | 25       |
| 16) Acetone                   | 4.431          | 43   | 31151               | 10.853 | ug/l # | 56       |
| 18) Methyl Acetate            | 5.054          | 43   | 2746                | 0.248  | ug/l # | 86       |
| 20) Methylene Chloride        | 5.295          | 84   | 7749                | 0.851  | ug/l # | 74       |
| 25) 2-Butanone                | 7.519          | 43   | 4319                | 1.061  | ug/l # | 76       |
| 30) Chloroform                | 7.936          | 83   | 3664                | 0.233  | ug/l # | 15       |
| 31) Cyclohexane               | 8.266          | 56   | 71422               | 5.588  | ug/l # | 84       |
| 36) 1,1-Dichloropropene       | 8.230          | 75   | 57600               | 5.133  | ug/l # | 49       |
| 37) Ethyl Acetate             | 7.519          | 43   | 4319                | 0.507  | ug/l # | 63       |
| 38) Carbon Tetrachloride      | 8.230          | 117  | 75728               | 6.116  | ug/l # | 16       |
| 39) Methylcyclohexane         | 9.601          | 83   | 63226               | 4.276  | ug/l   | 92       |
| 43) Isopropyl Acetate         | 8.707          | 43   | 7224                | 0.490  | ug/l # | 49       |
| 48) Methyl methacrylate       | 9.601          | 41   | 28215               | 4.202  | ug/l # | 64       |
| 49) 1,4-Dioxane               | 9.719          | 88   | 78                  | 0.463  | ug/l # | 30       |
| 55) 1,1,2-Trichloroethane     | 11.007         | 97   | 4366                | 0.485  | ug/l # | 24       |
| 67) Ethyl Benzene             | 11.966         | 91   | 122238              | 2.857  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.077         | 106  | 17145               | 1.031  | ug/l   | 97       |
| 73) Isopropylbenzene          | 12.701         | 105  | 65081               | 1.703  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.854         | 75   | 263498              | 27.517 | ug/l # | 1        |
| 78) n-propylbenzene           | 13.036         | 91   | 193265              | 4.574  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.036         | 91   | 193265              | 7.419  | ug/l # | 42       |
| 80) 1,3,5-Trimethylbenzene    | 13.183         | 105  | 7242                | 0.255  | ug/l   | 89       |
| 81) trans-1,4-Dichloro-2-b... | 12.854         | 75   | 263498              | 77.741 | ug/l # | 15       |
| 82) 4-Chlorotoluene           | 13.036         | 91   | 193265              | 7.940  | ug/l # | 41       |
| 84) 1,2,4-Trimethylbenzene    | 13.489         | 105  | 43649               | 1.647  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.618         | 105  | 12591               | 0.333  | ug/l # | 45       |
| 89) n-Butylbenzene            | 14.060         | 91   | 12935               | 0.574  | ug/l # | 83       |
| 90) Hexachloroethane          | 14.336         | 117  | 3254                | 0.506  | ug/l # | 21       |
| 93) 1,2,4-Trichlorobenzene    | 15.365         | 180  | 76                  | 0.823  | ug/l # | 1        |
| 95) Naphthalene               | 15.589         | 128  | 20302               | 2.942  | ug/l # | 93       |
| 96) 1,2,3-Trichlorobenzene    | 15.748         | 180  | 53                  | 0.492  | ug/l # | 1        |
| -----                         |                |      |                     |        |        |          |

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

**Instrument :**

MSVOA\_N

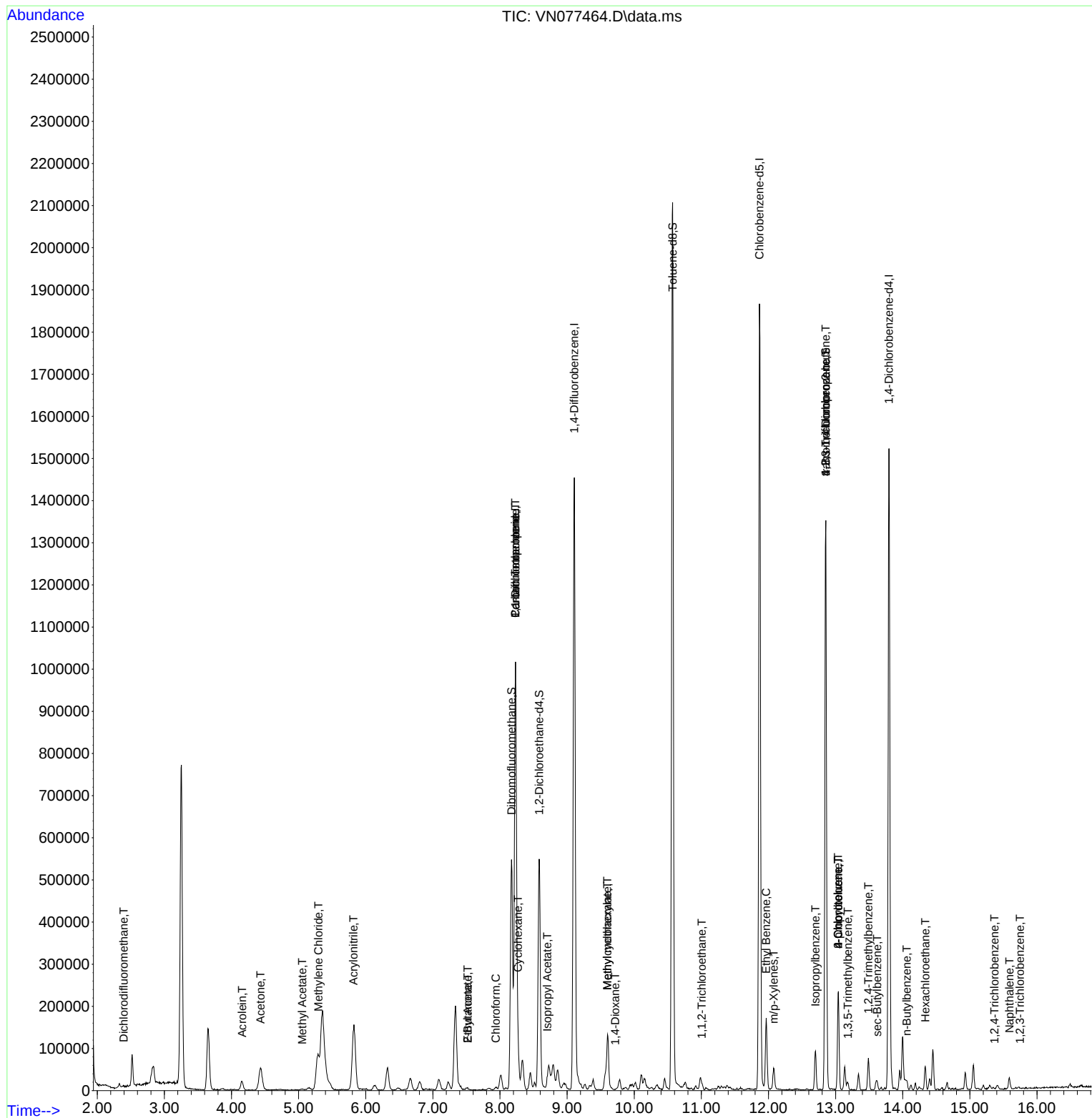
**ClientSampleId :**

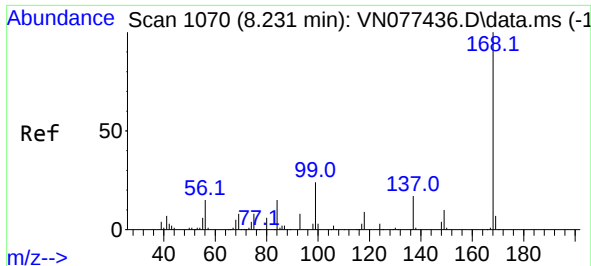
MW-5

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042423\  
Data File : VN077464.D  
Acq On : 25 Apr 2023 11:43  
Operator : JC\MD  
Sample : 02460-04 40X  
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ALS Vial : 41 Sample Multiplier: 1

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Quant Time: Apr 25 14:07:46 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042423W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 25 02:50:59 2023  
Response via : Initial Calibration

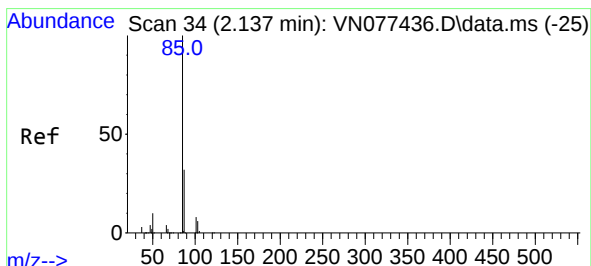
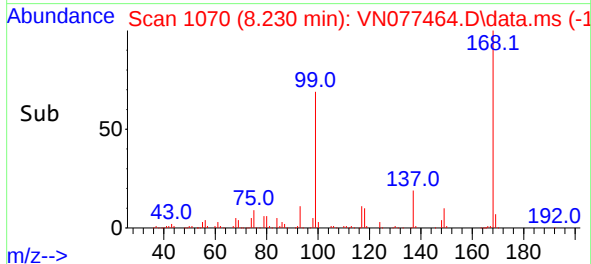
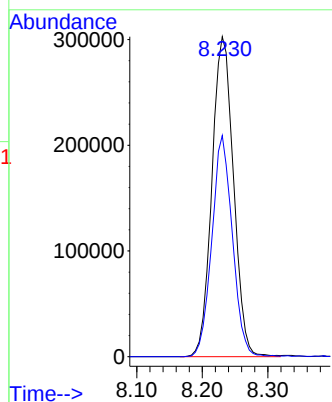
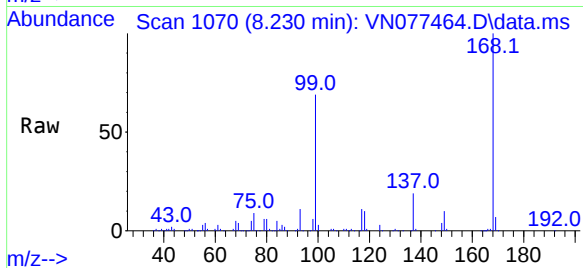




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.001 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

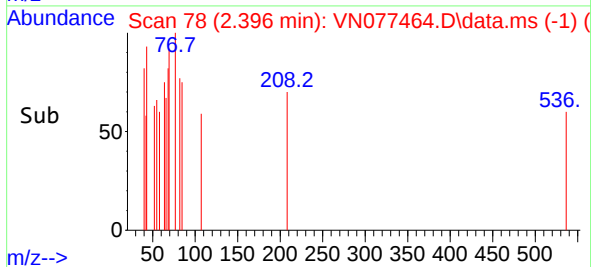
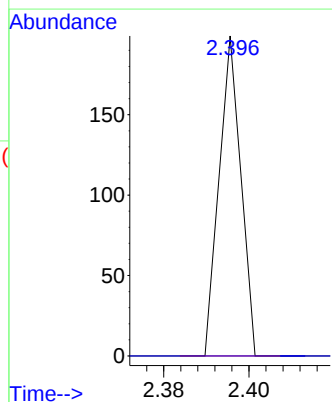
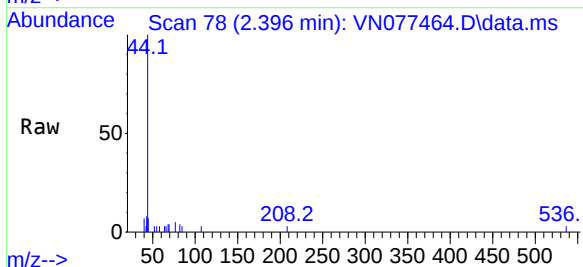
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

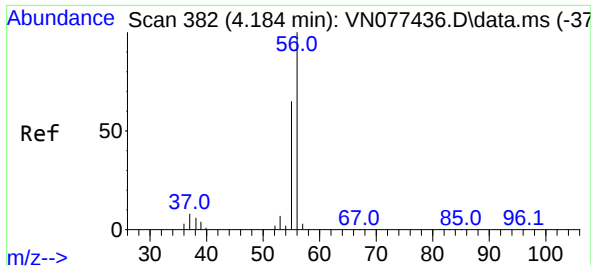
Tgt Ion:168 Resp: 691414  
Ion Ratio Lower Upper  
168 100  
99 69.1 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 0.317 ug/l  
RT: 2.396 min Scan# 78  
Delta R.T. 0.259 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion: 85 Resp: 70  
Ion Ratio Lower Upper  
85 100  
87 0.0 15.8 47.4#

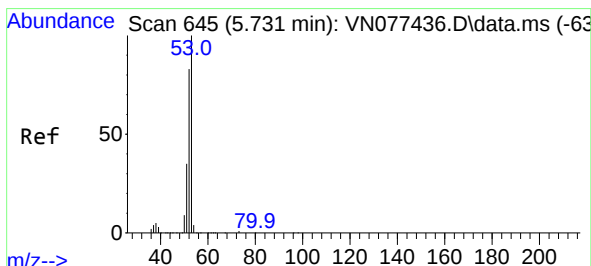
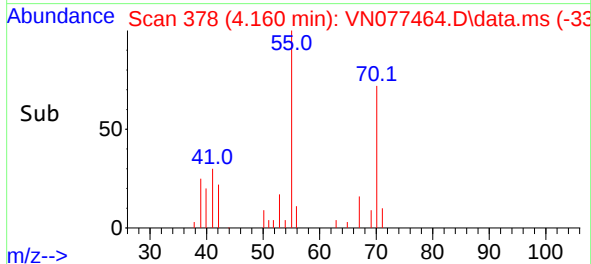
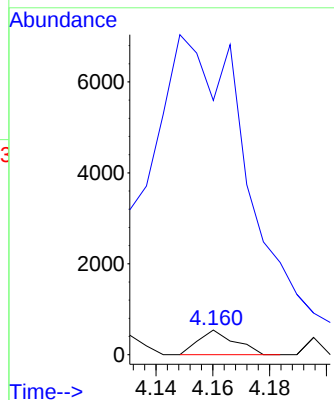
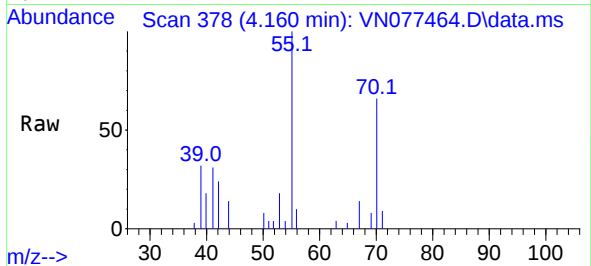




#13  
Acrolein  
Concen: 0.335 ug/l  
RT: 4.160 min Scan# 31  
Delta R.T. -0.024 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

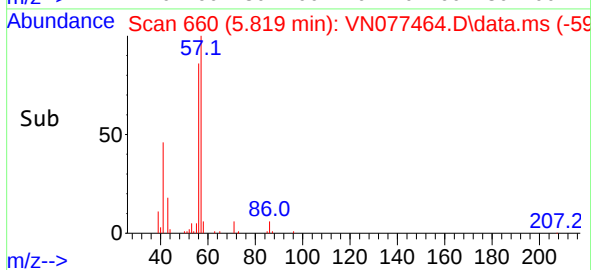
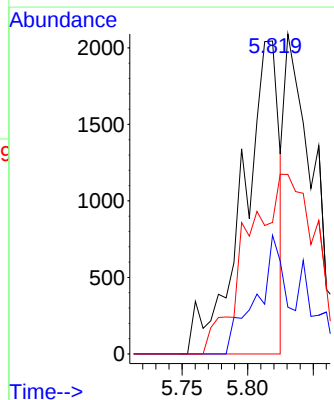
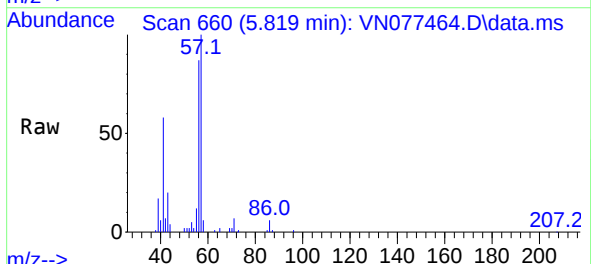
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

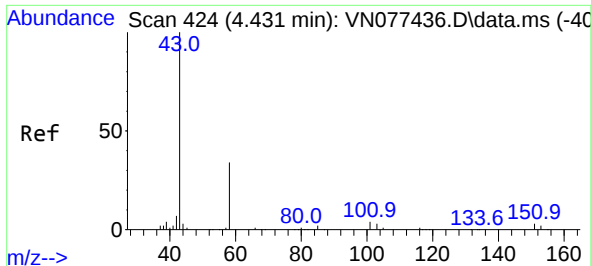
Tgt Ion: 56 Resp: 482  
Ion Ratio Lower Upper  
56 100  
55 3937.3 54.5 81.7#



#15  
Acrylonitrile  
Concen: 1.205 ug/l  
RT: 5.819 min Scan# 660  
Delta R.T. 0.088 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion: 53 Resp: 3960  
Ion Ratio Lower Upper  
53 100  
52 30.7 65.3 97.9#  
51 103.7 28.9 43.3#

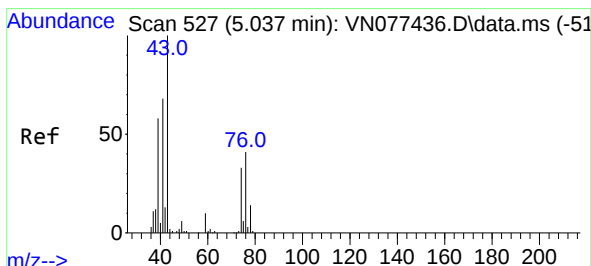
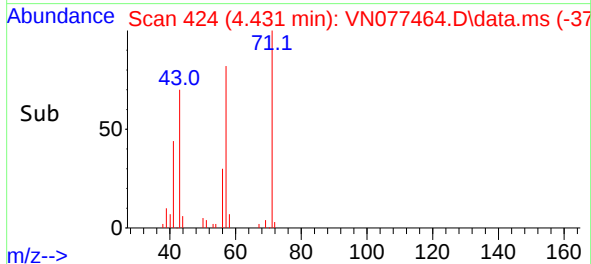
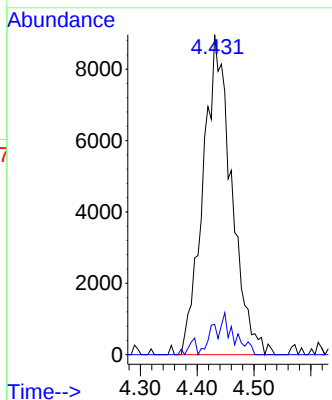
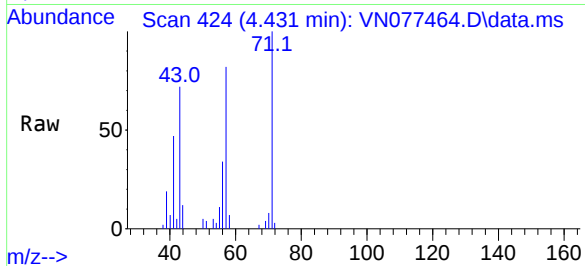




#16  
Acetone  
Concen: 10.853 ug/l  
RT: 4.431 min Scan# 431  
Delta R.T. -0.000 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

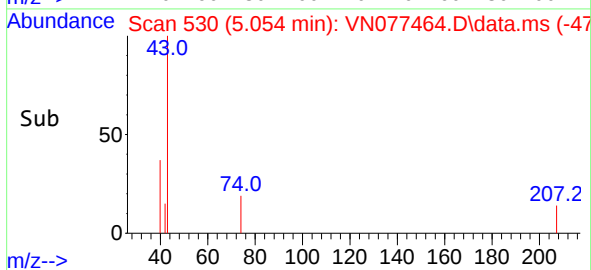
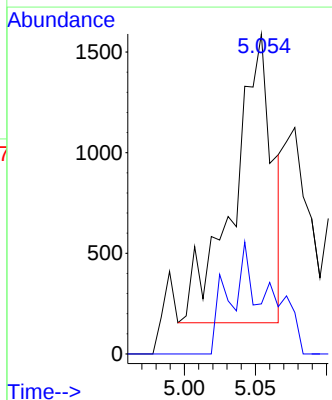
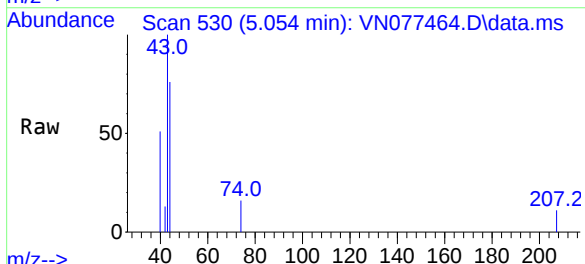
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

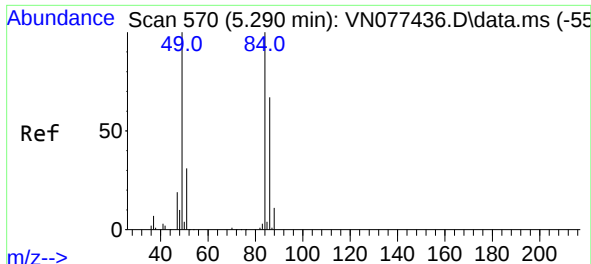
Tgt Ion: 43 Resp: 31151  
Ion Ratio Lower Upper  
43 100  
58 9.5 28.0 42.0#



#18  
Methyl Acetate  
Concen: 0.248 ug/l  
RT: 5.054 min Scan# 530  
Delta R.T. 0.017 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion: 43 Resp: 2746  
Ion Ratio Lower Upper  
43 100  
74 24.7 26.2 39.4#

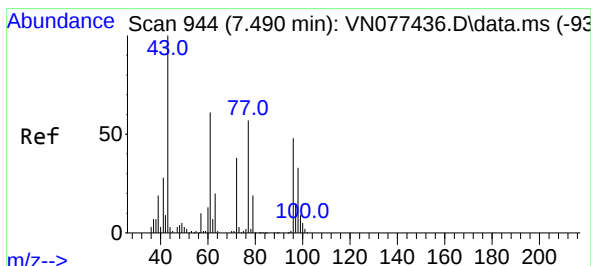
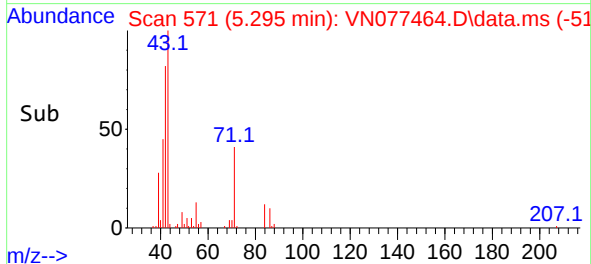
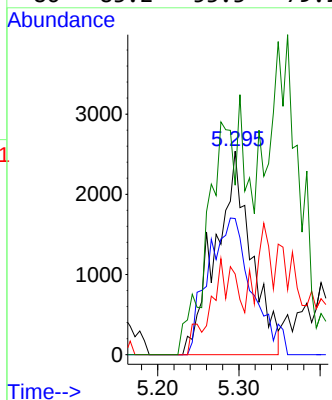
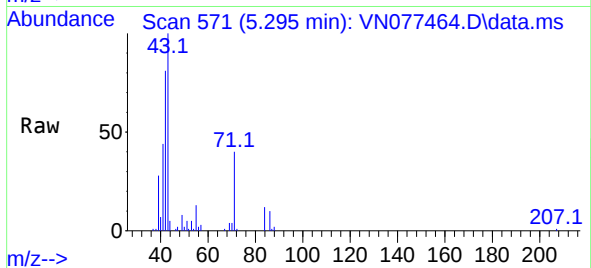




#20  
Methylene Chloride  
Concen: 0.851 ug/l  
RT: 5.295 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

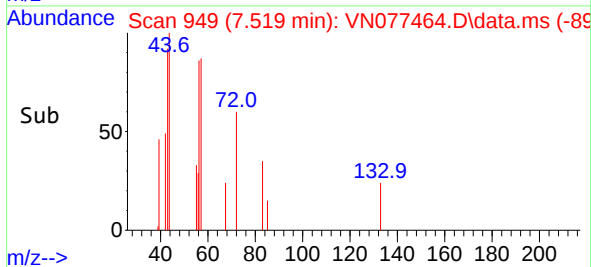
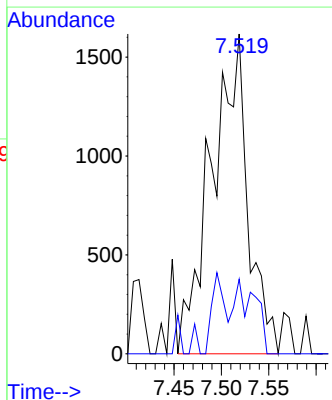
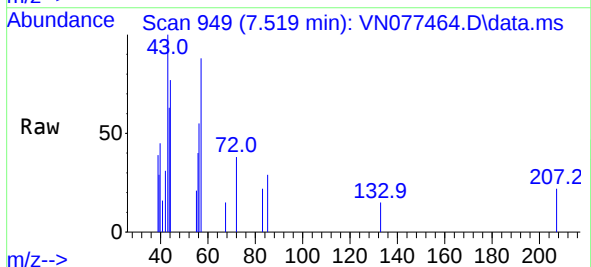
Instrument :  
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ClientSampleId :  
MW-5

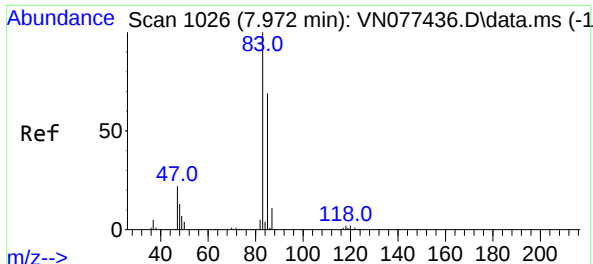
Tgt Ion: 84 Resp: 7749  
Ion Ratio Lower Upper  
84 100  
49 66.9 79.7 119.5#  
51 39.6 25.2 37.8#  
86 83.2 53.3 79.9#



#25  
2-Butanone  
Concen: 1.061 ug/l  
RT: 7.519 min Scan# 949  
Delta R.T. 0.029 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion: 43 Resp: 4319  
Ion Ratio Lower Upper  
43 100  
72 23.3 30.2 45.2#

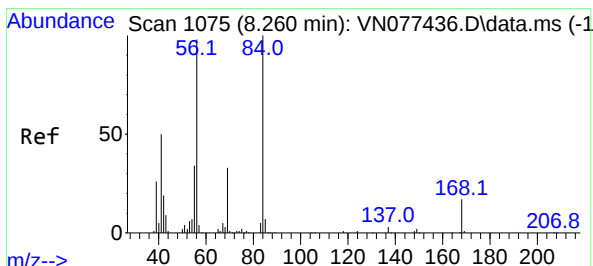
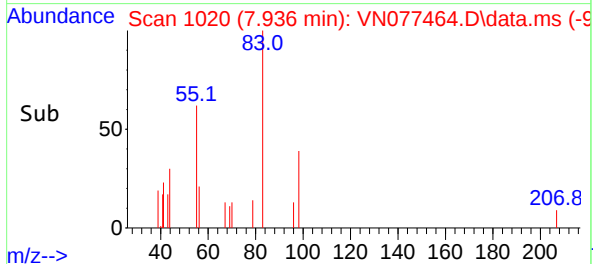
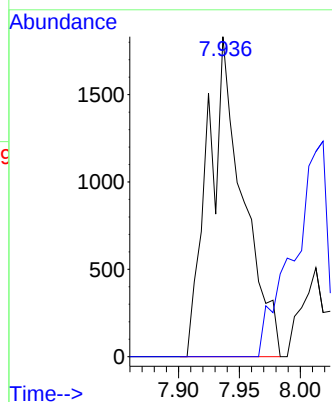
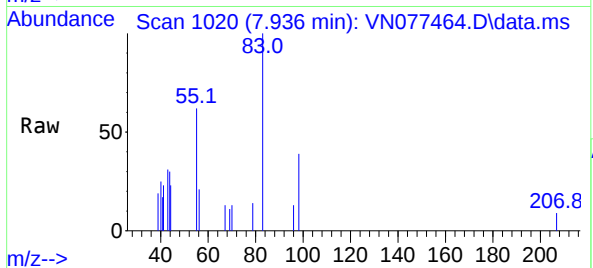




#30  
Chloroform  
Concen: 0.233 ug/l  
RT: 7.936 min Scan# 1020  
Delta R.T. -0.035 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

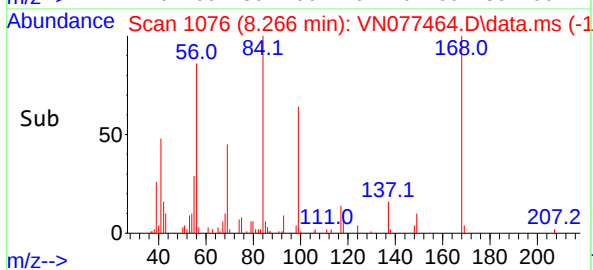
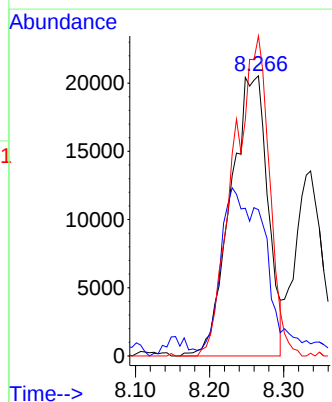
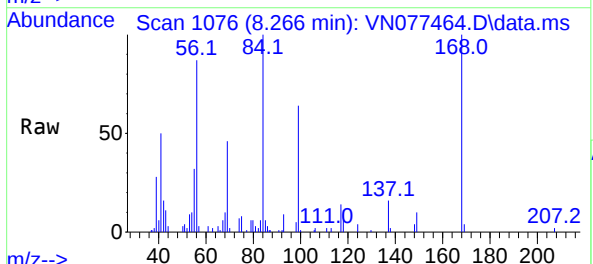
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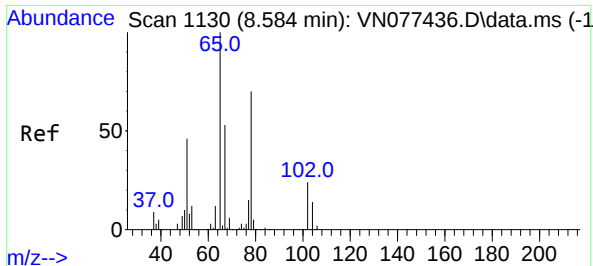
Tgt Ion: 83 Resp: 3664  
Ion Ratio Lower Upper  
83 100  
85 0.0 55.4 83.0#



#31  
Cyclohexane  
Concen: 5.588 ug/l  
RT: 8.266 min Scan# 1076  
Delta R.T. 0.006 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion: 56 Resp: 71422  
Ion Ratio Lower Upper  
56 100  
69 48.7 26.8 40.2#  
84 114.2 81.8 122.6

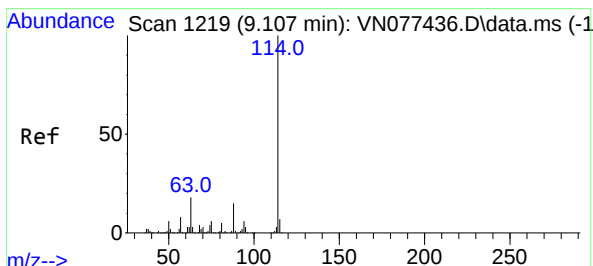
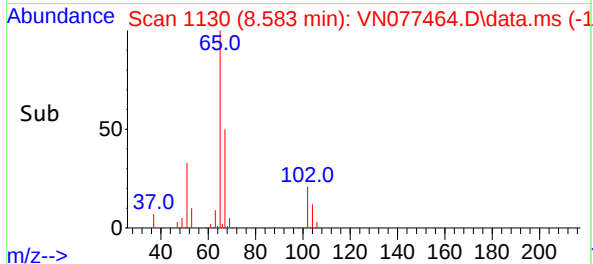
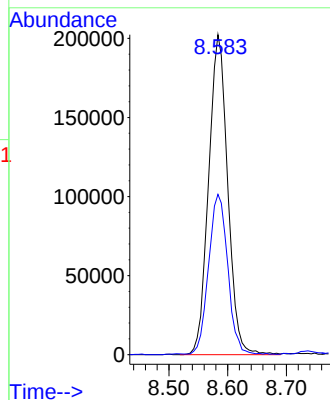
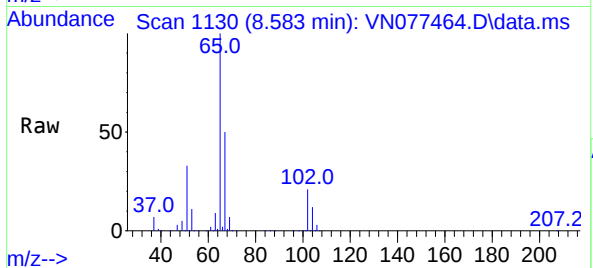




#33  
1,2-Dichloroethane-d4  
Concen: 50.625 ug/l  
RT: 8.583 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

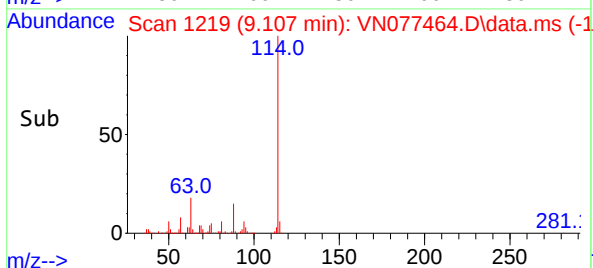
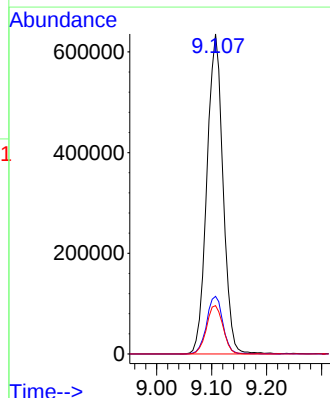
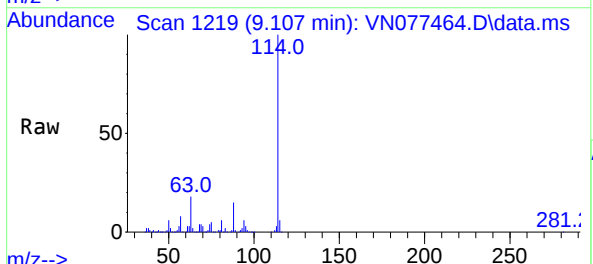
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ClientSampleId :  
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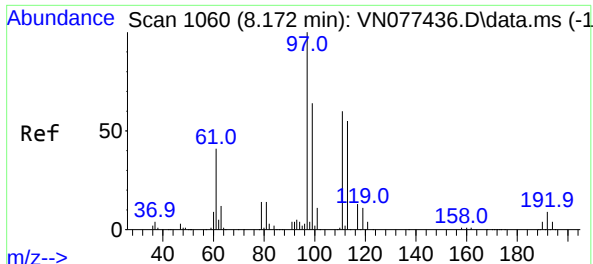
Tgt Ion: 65 Resp: 456747  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 106.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.107 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion: 114 Resp: 1292306  
Ion Ratio Lower Upper  
114 100  
63 18.0 0.0 36.4  
88 15.1 0.0 30.6

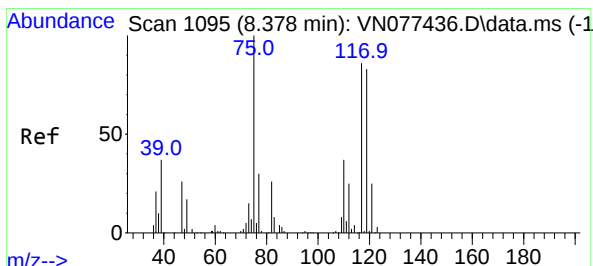
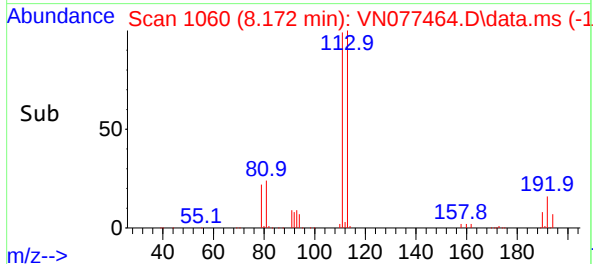
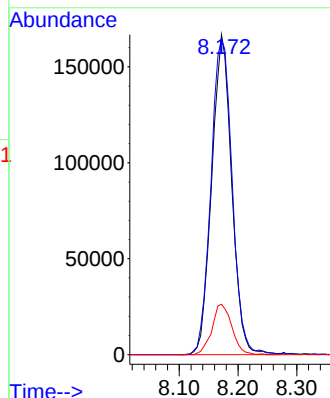
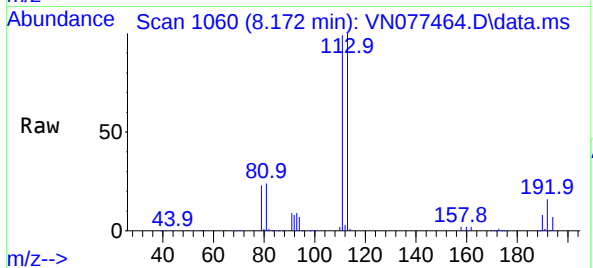




#35  
Dibromofluoromethane  
Concen: 50.665 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

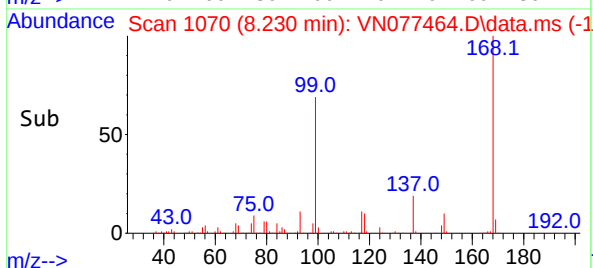
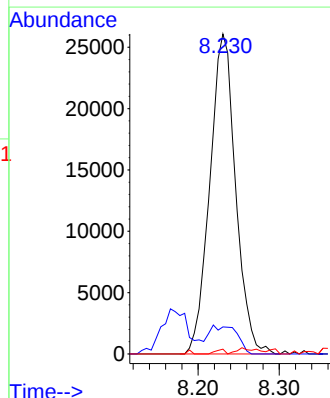
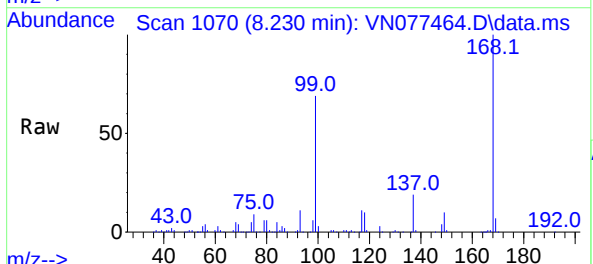
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

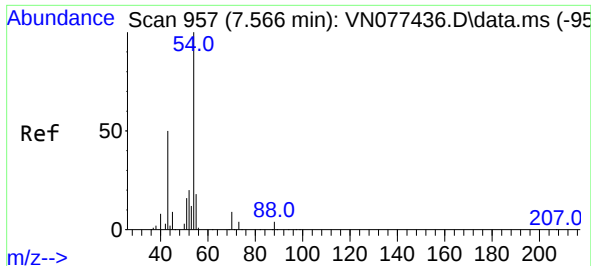
Tgt Ion:113 Resp: 393530  
Ion Ratio Lower Upper  
113 100  
111 105.0 82.6 123.8  
192 15.8 12.7 19.1



#36  
1,1-Dichloropropene  
Concen: 5.133 ug/l  
RT: 8.230 min Scan# 1070  
Delta R.T. -0.147 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion: 75 Resp: 57600  
Ion Ratio Lower Upper  
75 100  
110 9.5 19.1 57.3#  
77 0.5 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.507 ug/l

RT: 7.519 min Scan# 949

Delta R.T. -0.047 min

Lab File: VN077464.D

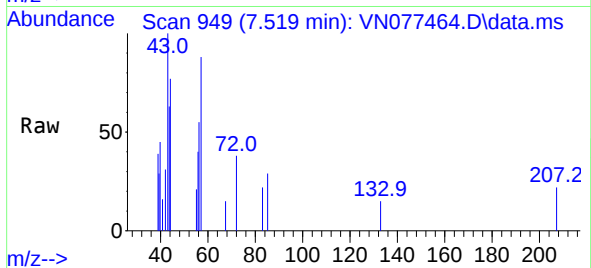
Acq: 25 Apr 2023 11:43

Instrument :

MSVOA\_N

ClientSampleId :

MW-5



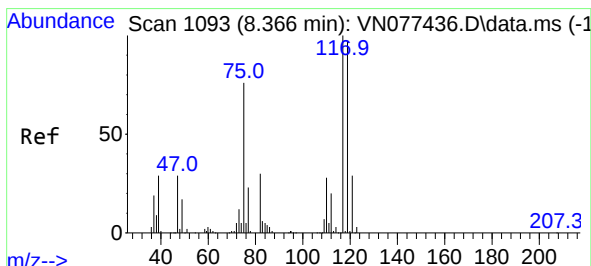
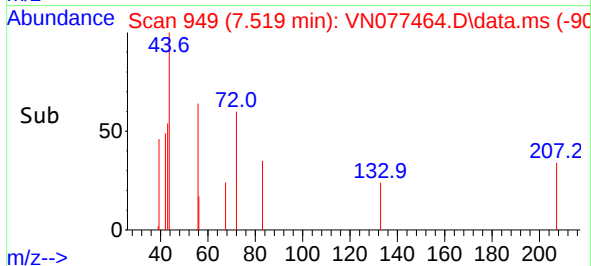
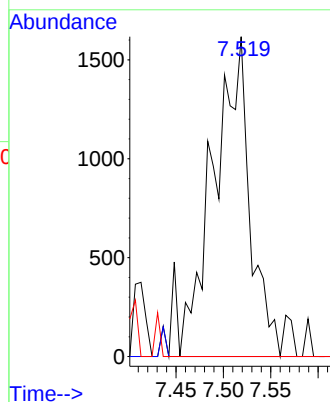
Tgt Ion: 43 Resp: 4319

Ion Ratio Lower Upper

43 100

61 0.0 13.2 19.8#

70 0.0 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 6.116 ug/l

RT: 8.230 min Scan# 1070

Delta R.T. -0.135 min

Lab File: VN077464.D

Acq: 25 Apr 2023 11:43

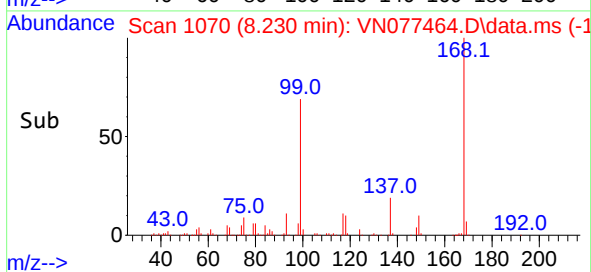
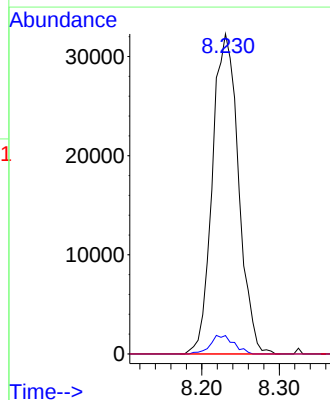
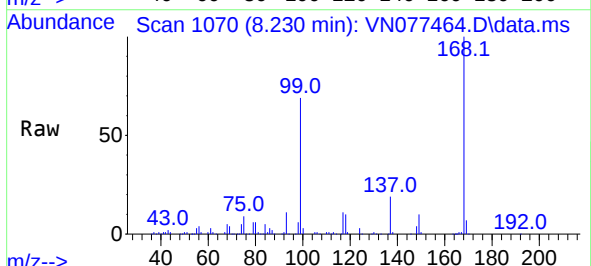
Tgt Ion: 117 Resp: 75728

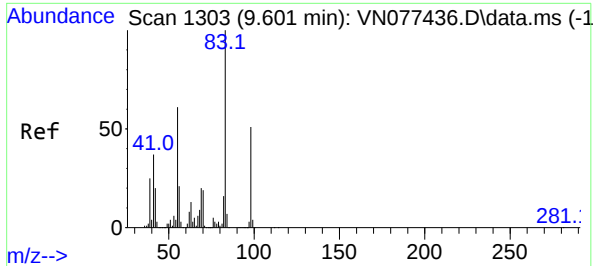
Ion Ratio Lower Upper

117 100

119 5.8 77.3 115.9#

121 0.0 23.3 34.9#



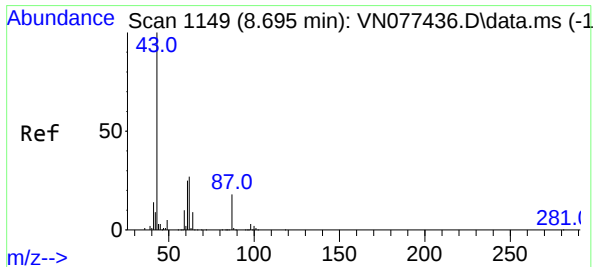
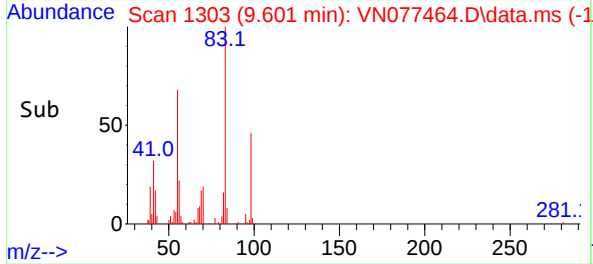
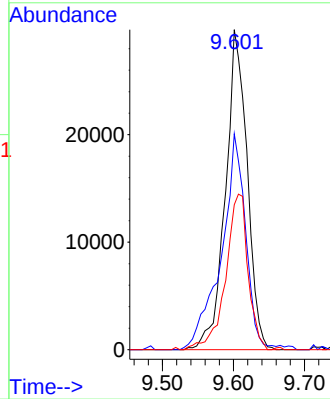
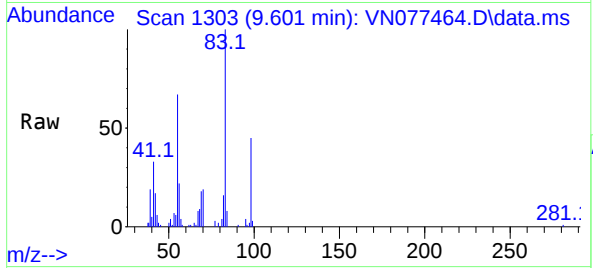


#39  
Methylcyclohexane  
Concen: 4.276 ug/l  
RT: 9.601 min Scan# 1151  
Delta R.T. -0.000 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

Tgt Ion: 83 Resp: 63226

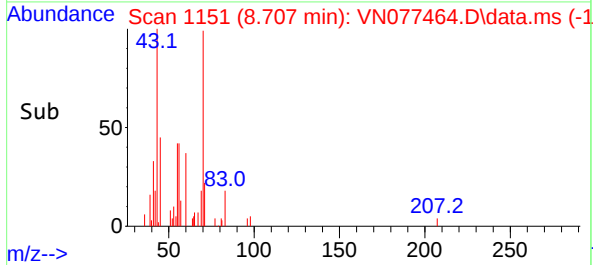
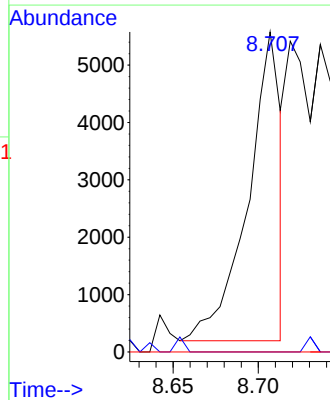
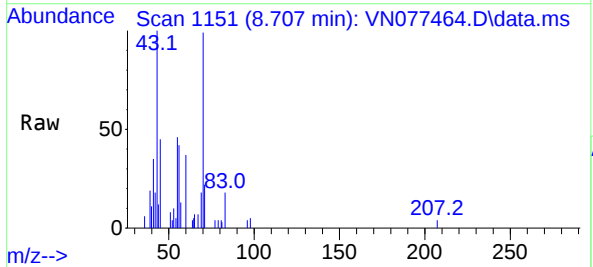
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 67.4  | 49.1  | 73.7  |
| 98  | 45.3  | 40.6  | 61.0  |

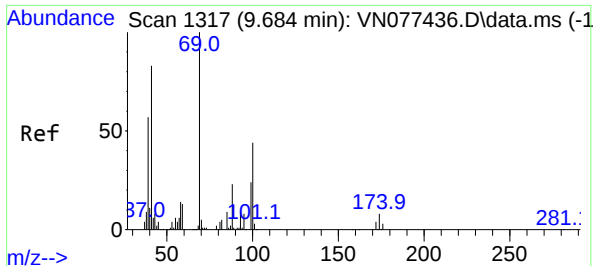


#43  
Isopropyl Acetate  
Concen: 0.490 ug/l  
RT: 8.707 min Scan# 1151  
Delta R.T. 0.012 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion: 43 Resp: 7224

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 0.0   | 24.7  | 37.1# |
| 87  | 0.0   | 14.6  | 21.8# |





#48

Methyl methacrylate

Concen: 4.202 ug/l

RT: 9.601 min Scan# 11

Delta R.T. -0.083 min

Lab File: VN077464.D

Acq: 25 Apr 2023 11:43

Instrument :

MSVOA\_N

ClientSampleId :

MW-5

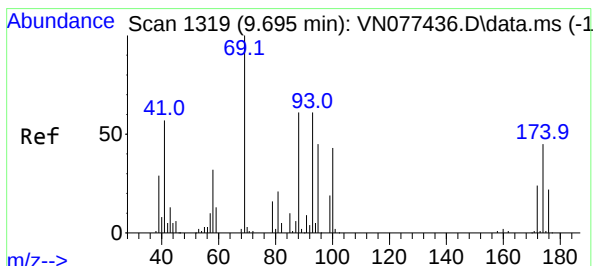
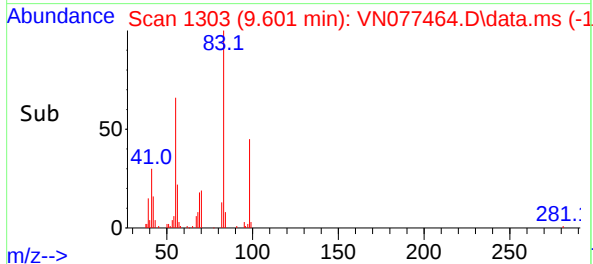
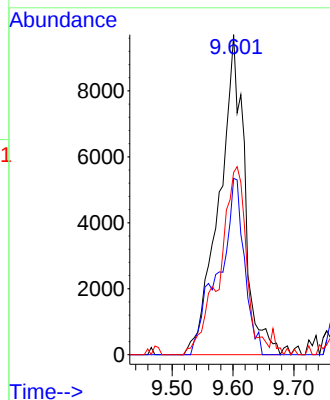
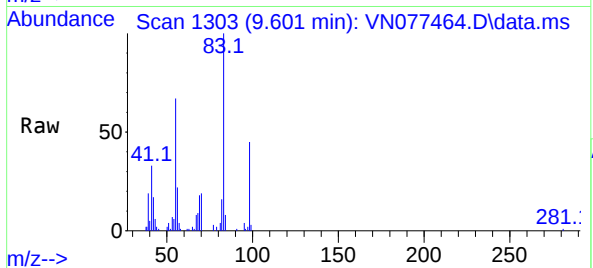
Tgt Ion: 41 Resp: 28215

Ion Ratio Lower Upper

41 100

69 55.3 90.4 135.6#

39 61.8 54.6 81.8



#49

1,4-Dioxane

Concen: 0.463 ug/l

RT: 9.719 min Scan# 1323

Delta R.T. 0.023 min

Lab File: VN077464.D

Acq: 25 Apr 2023 11:43

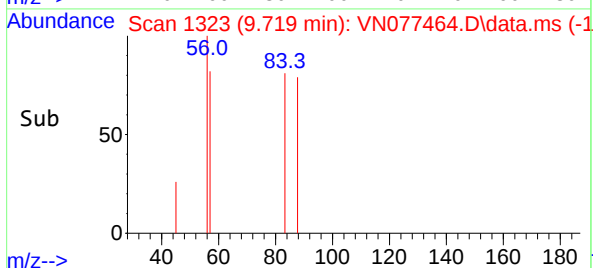
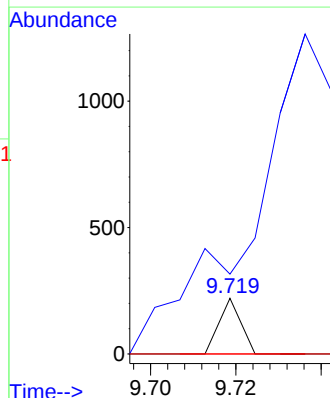
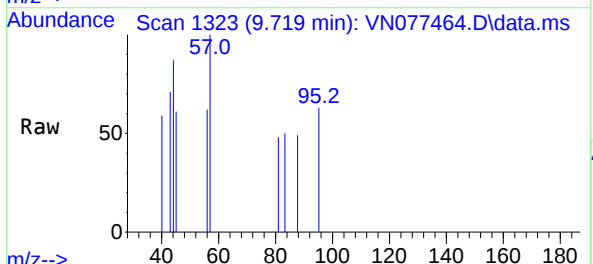
Tgt Ion: 88 Resp: 78

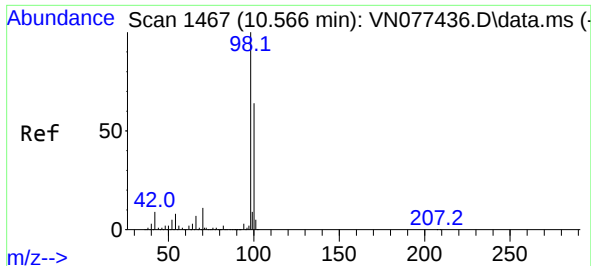
Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#

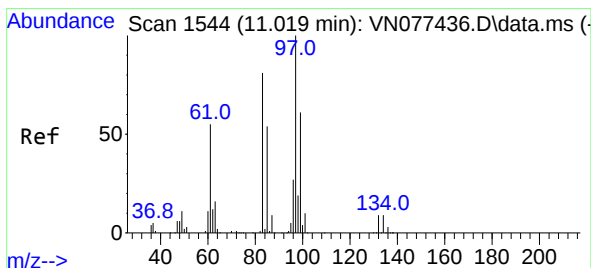
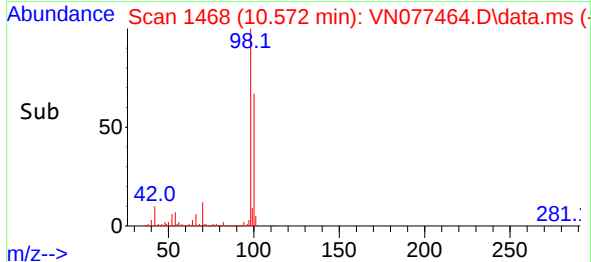
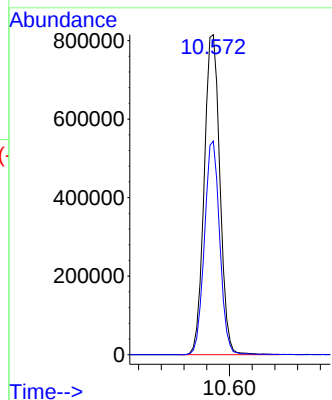
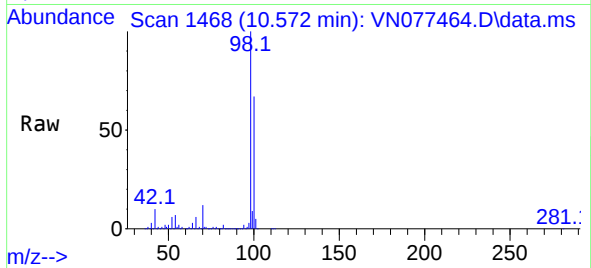




#50  
Toluene-d8  
Concen: 52.430 ug/l  
RT: 10.572 min Scan# 1468  
Delta R.T. 0.006 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

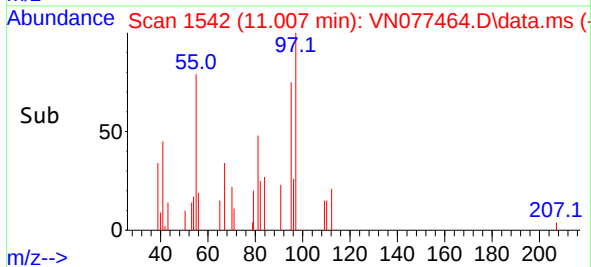
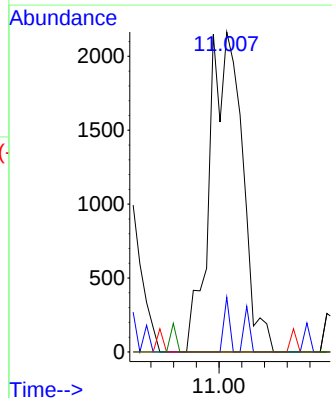
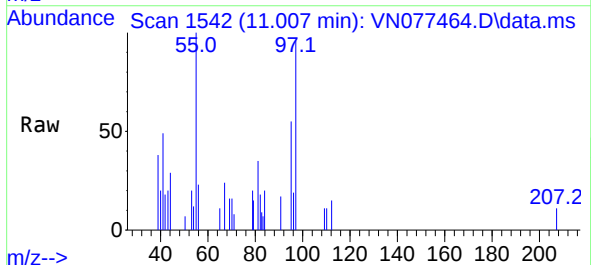
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

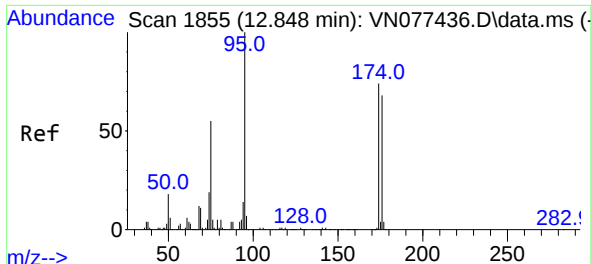
Tgt Ion: 98 Resp: 1560795  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.0 78.0



#55  
1,1,2-Trichloroethane  
Concen: 0.485 ug/l  
RT: 11.007 min Scan# 1542  
Delta R.T. -0.012 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion: 97 Resp: 4366  
Ion Ratio Lower Upper  
97 100  
83 17.1 65.1 97.7#  
85 0.0 43.4 65.2#  
99 0.0 49.2 73.8#

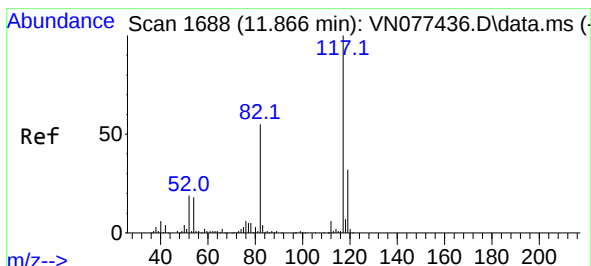
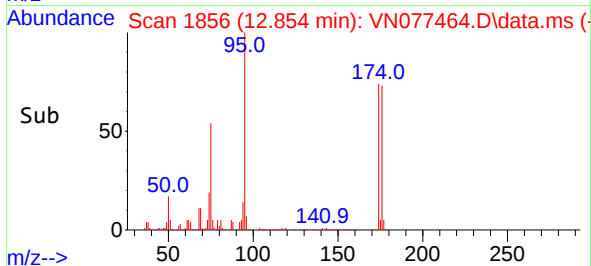
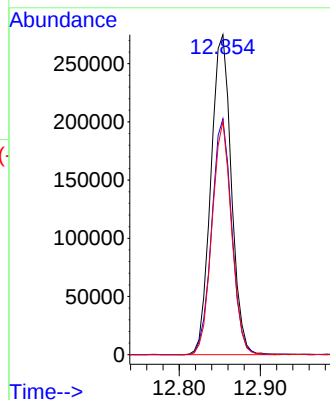
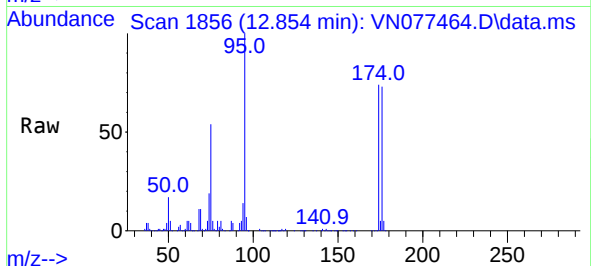




#62  
4-Bromofluorobenzene  
Concen: 49.347 ug/l  
RT: 12.854 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

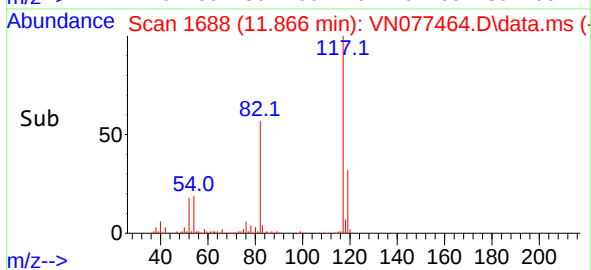
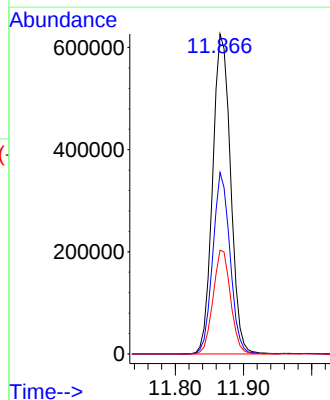
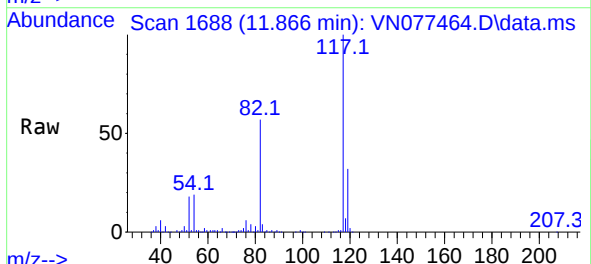
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

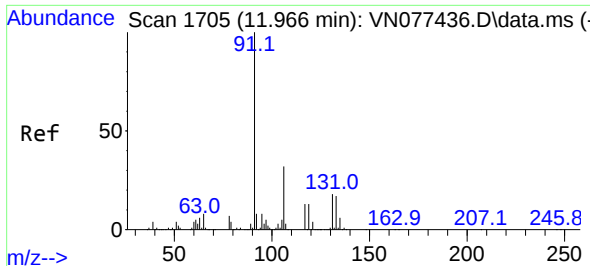
Tgt Ion: 95 Resp: 480619  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 143.8  
176 69.7 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion: 117 Resp: 1148738  
Ion Ratio Lower Upper  
117 100  
82 56.7 44.0 66.0  
119 32.4 25.6 38.4

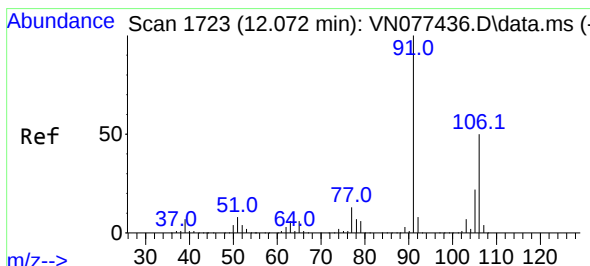
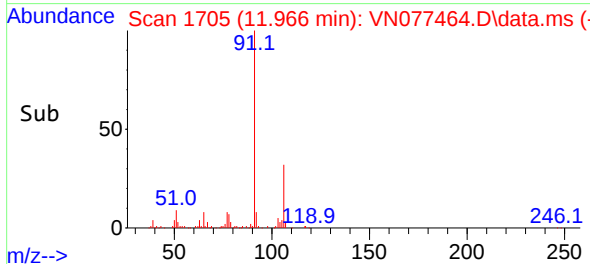
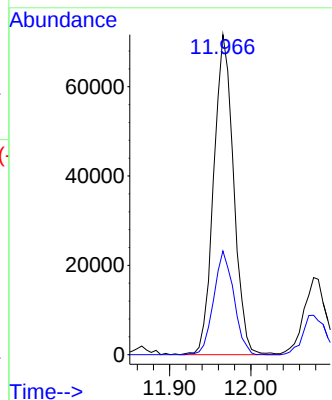
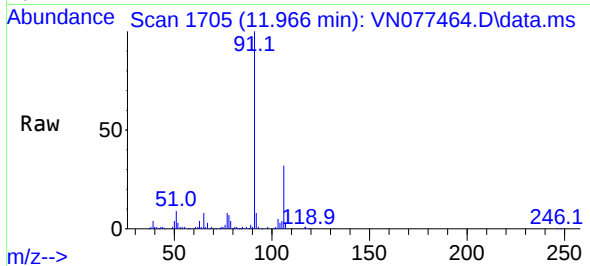




#67  
Ethyl Benzene  
Concen: 2.857 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

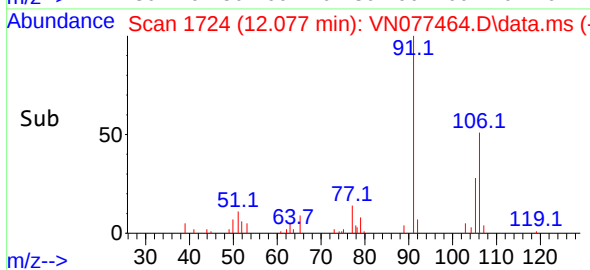
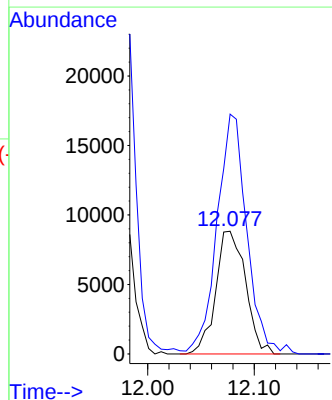
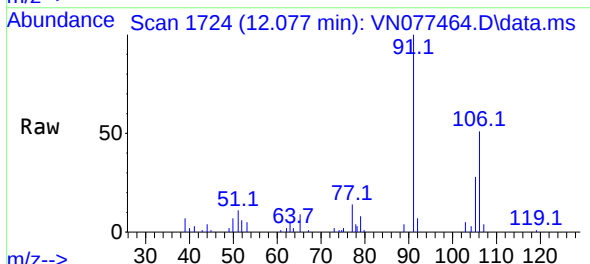
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

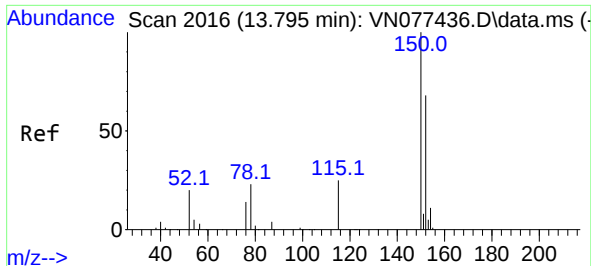
Tgt Ion: 91 Resp: 122238  
Ion Ratio Lower Upper  
91 100  
106 32.4 25.6 38.4



#68  
m/p-Xylenes  
Concen: 1.031 ug/l  
RT: 12.077 min Scan# 1724  
Delta R.T. 0.006 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion: 106 Resp: 17145  
Ion Ratio Lower Upper  
106 100  
91 195.4 159.6 239.4

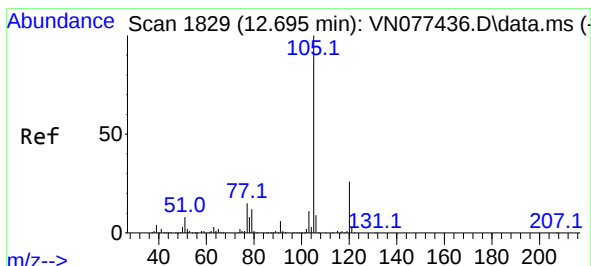
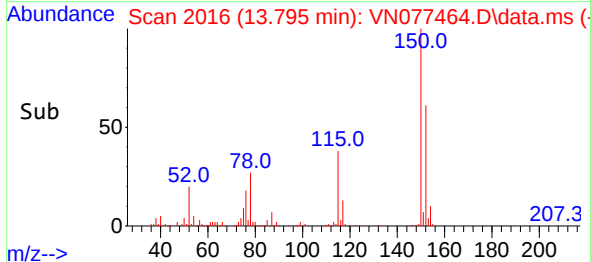
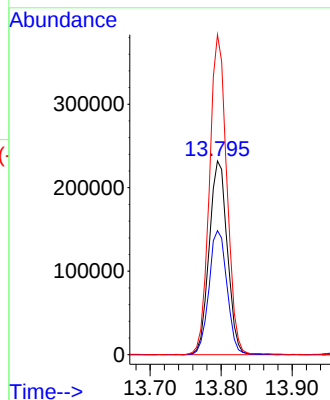
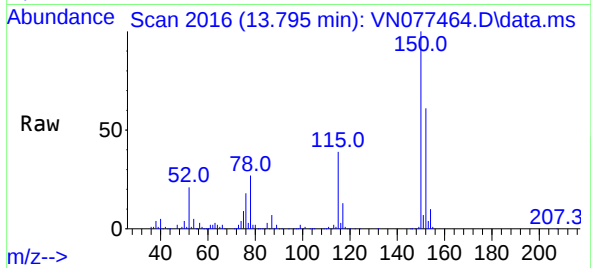




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

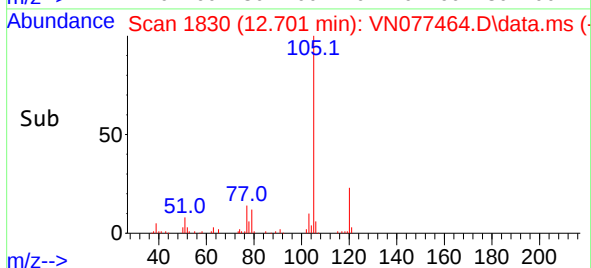
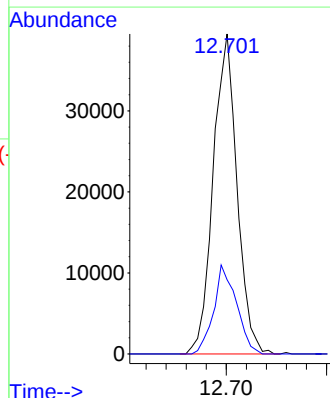
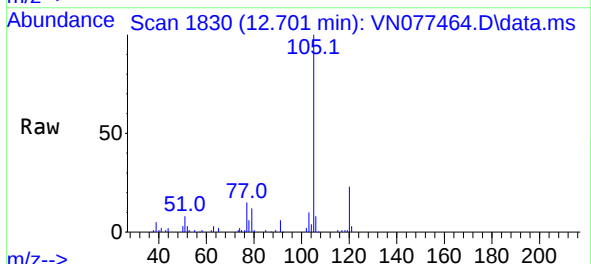
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

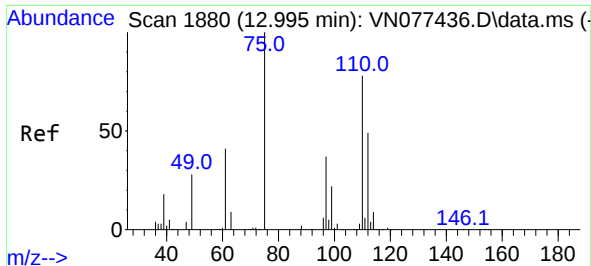
Tgt Ion:152 Resp: 411787  
Ion Ratio Lower Upper  
152 100  
115 63.7 32.3 96.8  
150 158.3 0.0 355.8



#73  
Isopropylbenzene  
Concen: 1.703 ug/l  
RT: 12.701 min Scan# 1830  
Delta R.T. 0.006 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion:105 Resp: 65081  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.1 39.1

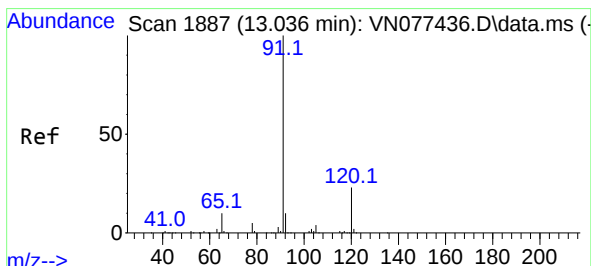
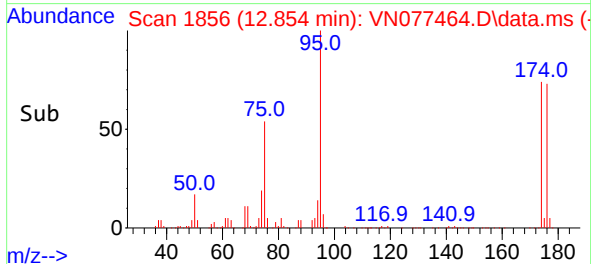
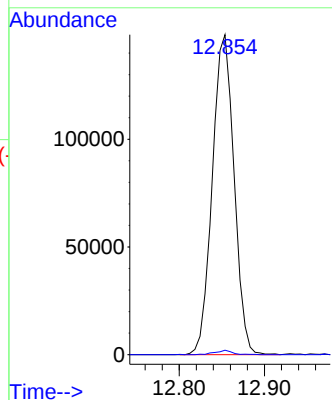
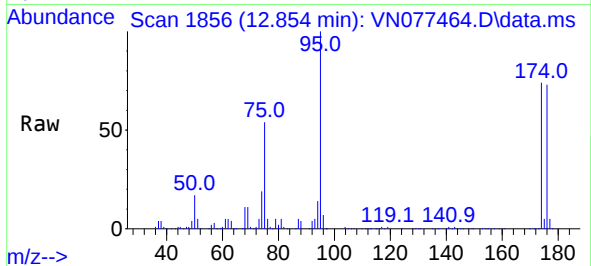




#76  
1,2,3-Trichloropropane  
Concen: 27.517 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. -0.141 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

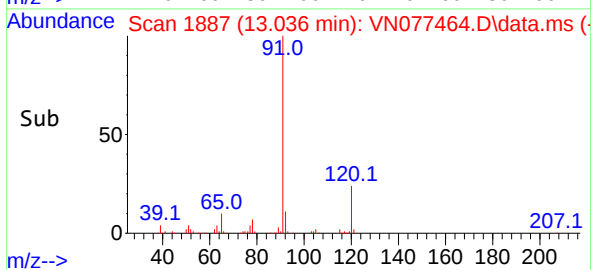
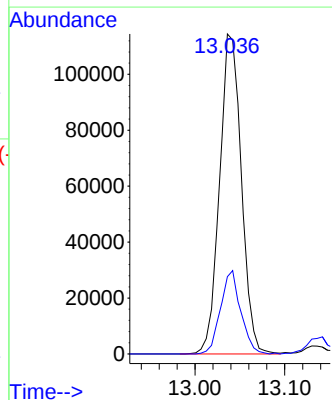
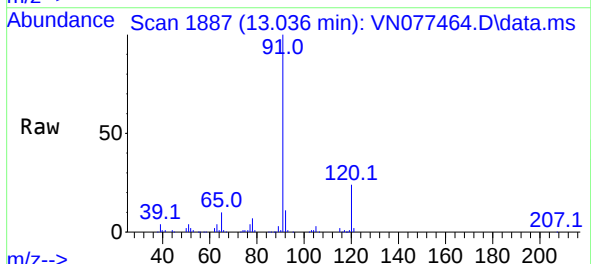
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

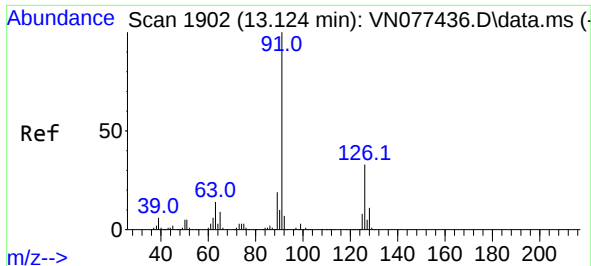
Tgt Ion: 75 Resp: 263498  
Ion Ratio Lower Upper  
75 100  
77 1.1 84.5 253.5#



#78  
n-propylbenzene  
Concen: 4.574 ug/l  
RT: 13.036 min Scan# 1887  
Delta R.T. -0.000 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion: 91 Resp: 193265  
Ion Ratio Lower Upper  
91 100  
120 24.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 7.419 ug/l

RT: 13.036 min Scan# 11

Delta R.T. -0.088 min

Lab File: VN077464.D

Acq: 25 Apr 2023 11:43

Instrument :

MSVOA\_N

ClientSampleId :

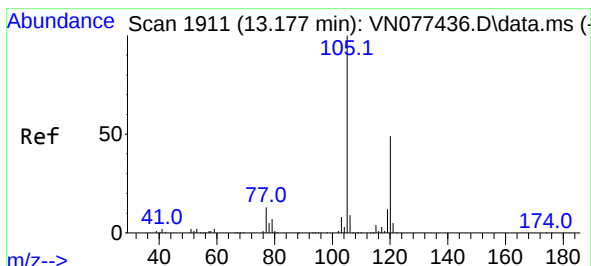
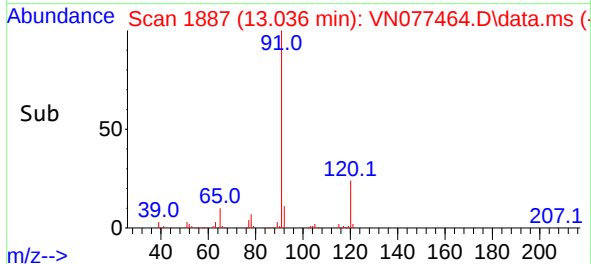
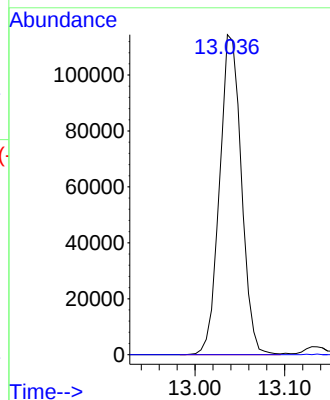
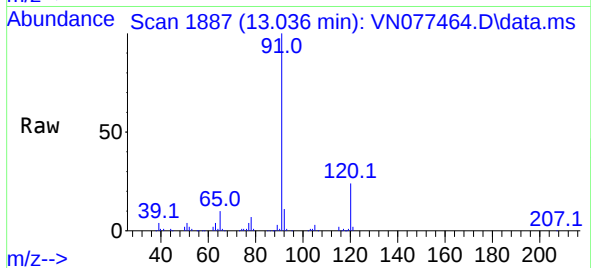
MW-5

Tgt Ion: 91 Resp: 193265

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 0.255 ug/l

RT: 13.183 min Scan# 1912

Delta R.T. 0.006 min

Lab File: VN077464.D

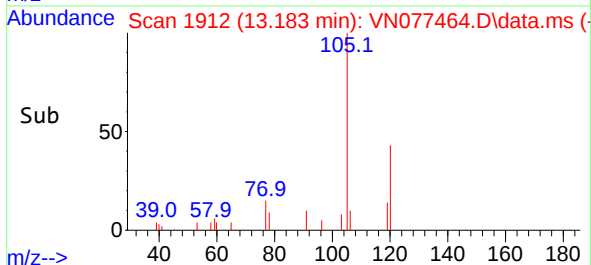
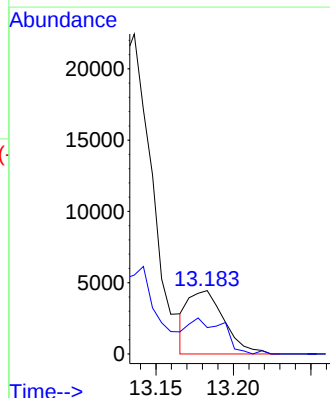
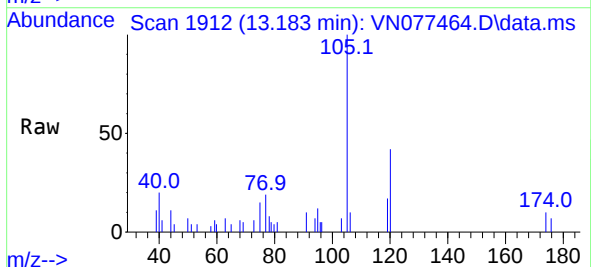
Acq: 25 Apr 2023 11:43

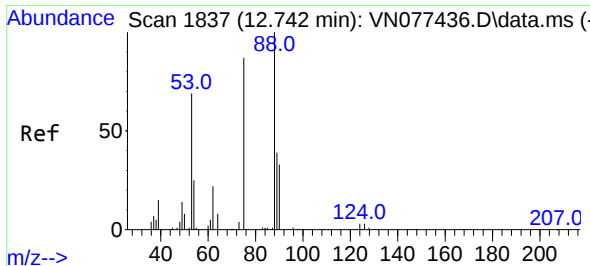
Tgt Ion: 105 Resp: 7242

Ion Ratio Lower Upper

105 100

120 55.6 24.1 72.3

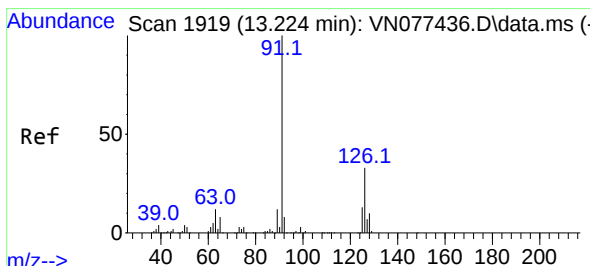
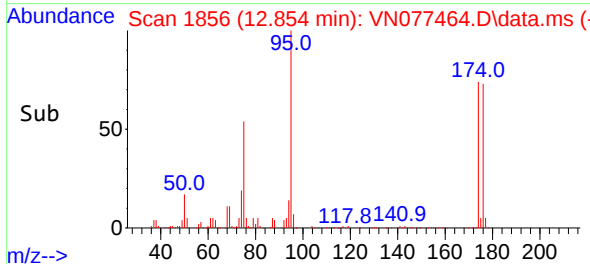
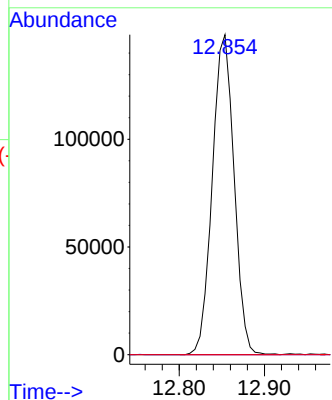
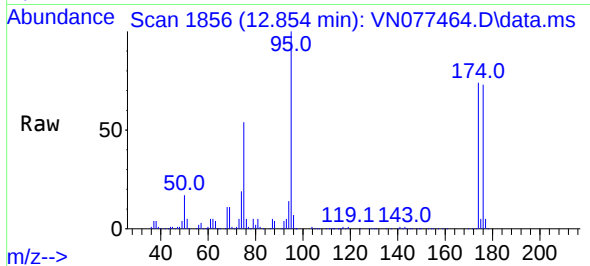




#81  
trans-1,4-Dichloro-2-butene  
Concen: 77.741 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.112 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

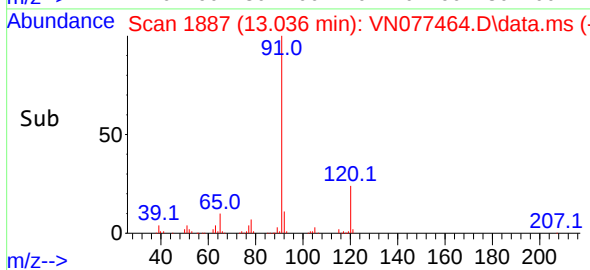
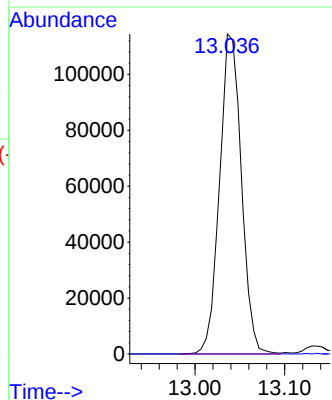
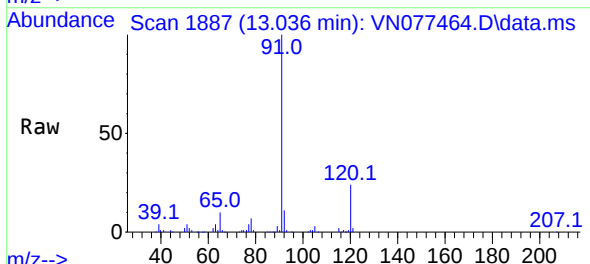
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

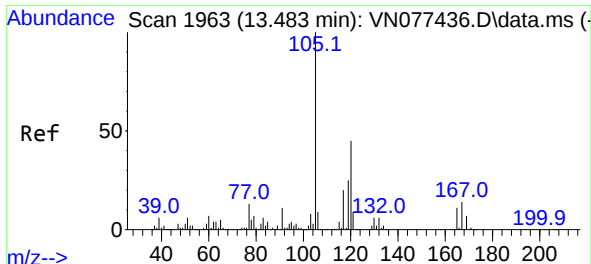
Tgt Ion: 75 Resp: 263498  
Ion Ratio Lower Upper  
75 100  
53 0.0 67.4 101.2#  
89 0.0 38.8 58.2#



#82  
4-Chlorotoluene  
Concen: 7.940 ug/l  
RT: 13.036 min Scan# 1887  
Delta R.T. -0.188 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion: 91 Resp: 193265  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.7 50.0#

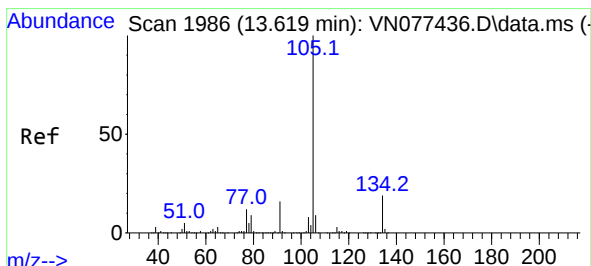
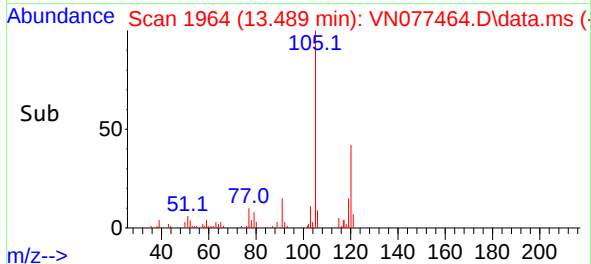
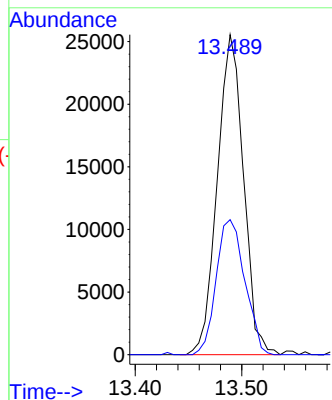
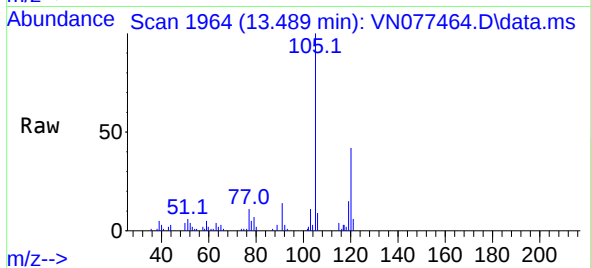




#84  
1,2,4-Trimethylbenzene  
Concen: 1.647 ug/l  
RT: 13.489 min Scan# 1963  
Delta R.T. 0.006 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

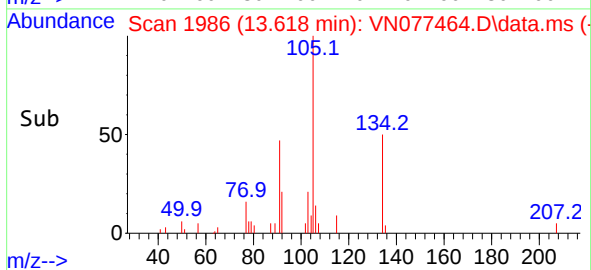
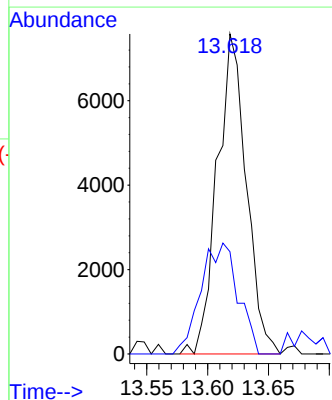
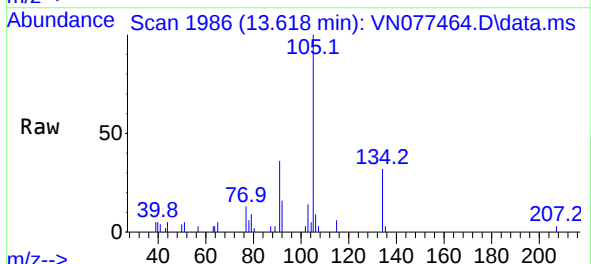
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

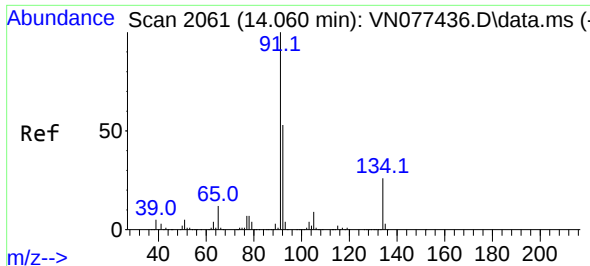
Tgt Ion:105 Resp: 43649  
Ion Ratio Lower Upper  
105 100  
120 46.1 22.0 66.0



#85  
sec-Butylbenzene  
Concen: 0.333 ug/l  
RT: 13.618 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion:105 Resp: 12591  
Ion Ratio Lower Upper  
105 100  
134 44.5 9.8 29.3#

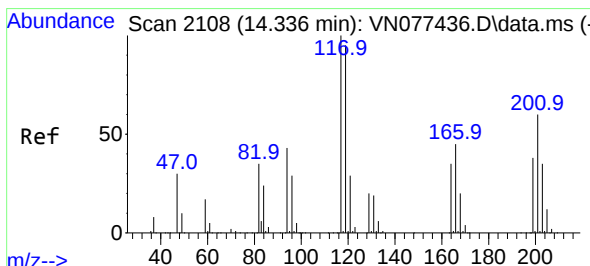
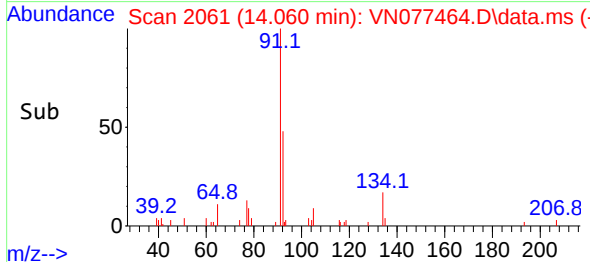
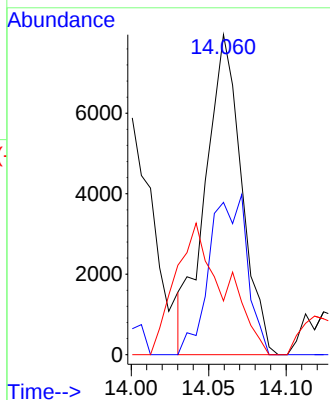
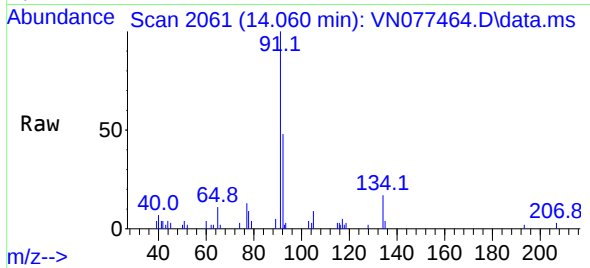




#89  
n-Butylbenzene  
Concen: 0.574 ug/l  
RT: 14.060 min Scan# 2061  
Delta R.T. -0.000 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

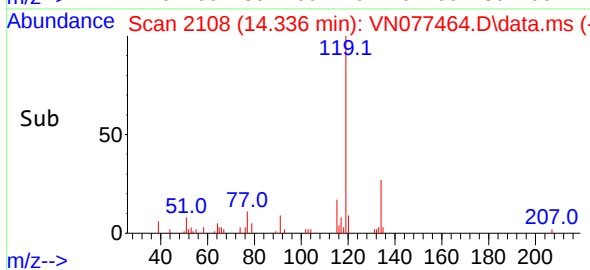
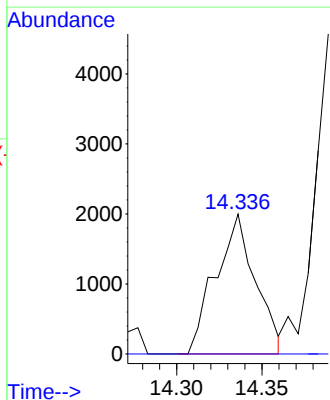
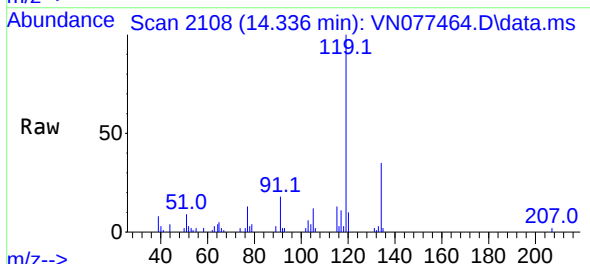
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

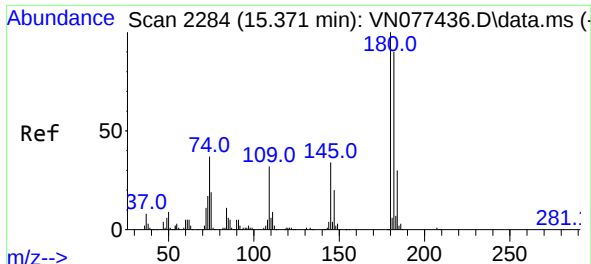
Tgt Ion: 91 Resp: 12935  
Ion Ratio Lower Upper  
91 100  
92 52.1 26.4 79.0  
134 0.0 12.6 37.6#



#90  
Hexachloroethane  
Concen: 0.506 ug/l  
RT: 14.336 min Scan# 2108  
Delta R.T. -0.000 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion: 117 Resp: 3254  
Ion Ratio Lower Upper  
117 100  
201 0.0 29.3 88.0#

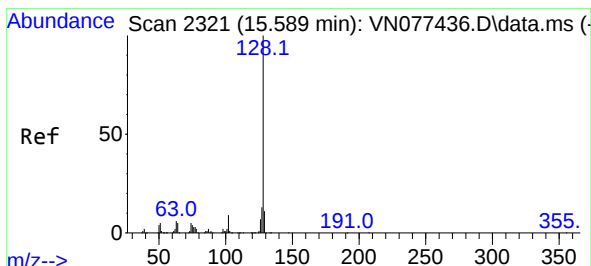
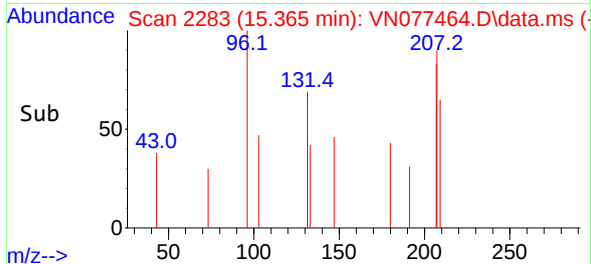
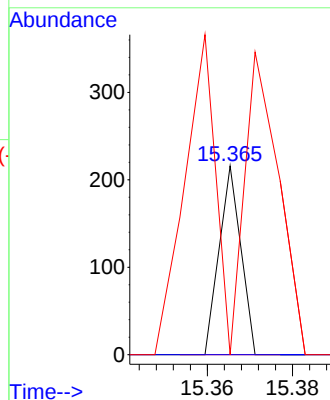
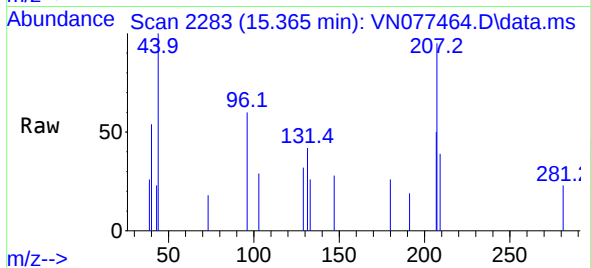




#93  
1,2,4-Trichlorobenzene  
Concen: 0.823 ug/l  
RT: 15.365 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

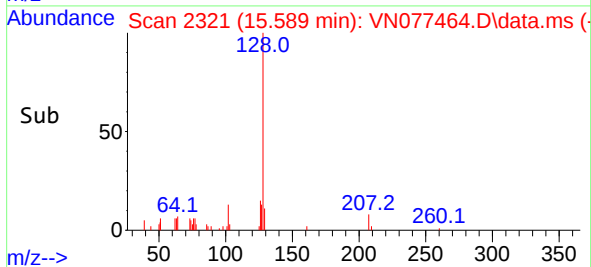
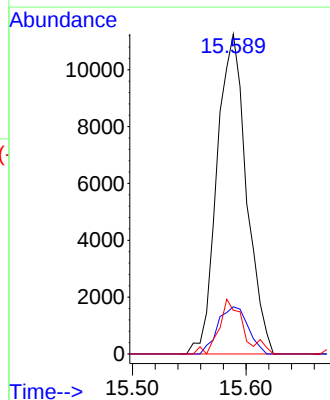
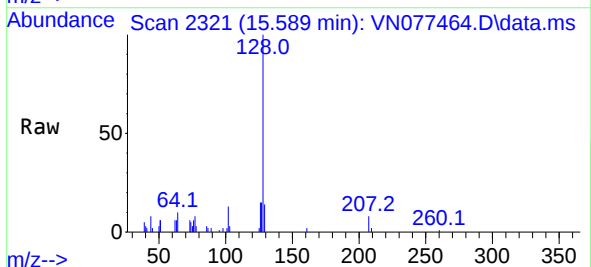
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

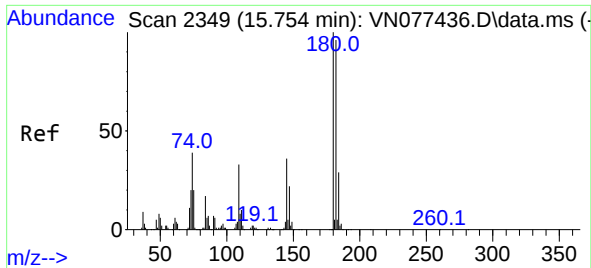
Tgt Ion:180 Resp: 76  
Ion Ratio Lower Upper  
180 100  
182 0.0 46.1 138.2#  
145 243.4 16.6 49.8#



#95  
Naphthalene  
Concen: 2.942 ug/l  
RT: 15.589 min Scan# 2321  
Delta R.T. -0.000 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Tgt Ion:128 Resp: 20302  
Ion Ratio Lower Upper  
128 100  
127 15.1 10.0 15.0#  
129 14.0 8.7 13.1#





#96  
1,2,3-Trichlorobenzene  
Concen: 0.492 ug/l  
RT: 15.748 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN077464.D  
Acq: 25 Apr 2023 11:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:180 | Resp: | 53          |
| Ion         | Ratio | Lower Upper |
| 180         | 100   |             |
| 182         | 222.6 | 46.2 138.6# |
| 145         | 388.7 | 17.5 52.6#  |

