

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081822\  
 Data File : VN073998.D  
 Acq On : 18 Aug 2022 12:32  
 Operator : JC\MD  
 Sample : N4204-25 5X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-5

Quant Time: Aug 18 21:48:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081522W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 16 00:45:21 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min)  |
|-----------------------------|--------|-------|----------|-----------|--------|-----------|
| -----                       |        |       |          |           |        |           |
| Internal Standards          |        |       |          |           |        |           |
| 1) Pentafluorobenzene       | 8.016  | 168   | 686246   | 50.000    | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 996472   | 50.000    | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 11.680 | 117   | 963984   | 50.000    | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.610 | 152   | 547189   | 50.000    | ug/l   | 0.00      |
| System Monitoring Compounds |        |       |          |           |        |           |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 324838   | 48.599    | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery  | =      | 97.200%   |
| 35) Dibromofluoromethane    | 7.951  | 113   | 315218   | 53.490    | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery  | =      | 106.980%  |
| 50) Toluene-d8              | 10.381 | 98    | 1070337  | 46.897    | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery  | =      | 93.800%   |
| 62) 4-Bromofluorobenzene    | 12.669 | 95    | 469454   | 61.977    | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery  | =      | 123.960%# |
| Target Compounds            |        |       |          |           |        |           |
|                             |        |       |          |           | Qvalue |           |
| 3) Chloromethane            | 2.269  | 50    | 1580     | 0.261     | ug/l   | 92        |
| 5) Bromomethane             | 2.822  | 94    | 1083     | 0.223     | ug/l # | 71        |
| 6) Chloroethane             | 2.981  | 64    | 1497     | 0.273     | ug/l # | 42        |
| 11) Tert butyl alcohol      | 5.293  | 59    | 108821   | 72.785    | ug/l   | 99        |
| 13) Acrolein                | 3.922  | 56    | 14912    | 14.249    | ug/l # | 1         |
| 15) Acrylonitrile           | 5.522  | 53    | 3007     | 0.824     | ug/l # | 44        |
| 16) Acetone                 | 4.193  | 43    | 23274    | 7.381     | ug/l # | 45        |
| 18) Methyl Acetate          | 4.781  | 43    | 5670     | Below Cal | #      | 80        |
| 19) Methyl tert-butyl Ether | 5.534  | 73    | 67476    | 3.459     | ug/l # | 1         |
| 20) Methylene Chloride      | 5.016  | 84    | 2169     | 0.326     | ug/l # | 54        |
| 25) 2-Butanone              | 7.269  | 43    | 10937    | 2.187     | ug/l # | 82        |
| 26) 2,2-Dichloropropane     | 7.240  | 77    | 2738     | 0.275     | ug/l # | 53        |
| 29) Tetrahydrofuran         | 7.610  | 42    | 822      | 0.256     | ug/l # | 63        |
| 30) Chloroform              | 7.769  | 83    | 2483     | 0.210     | ug/l # | 66        |
| 31) Cyclohexane             | 8.022  | 56    | 57004    | 6.118     | ug/l # | 87        |
| 36) 1,1-Dichloropropene     | 8.016  | 75    | 43042    | 5.258     | ug/l # | 49        |
| 37) Ethyl Acetate           | 7.269  | 43    | 10937    | 1.103     | ug/l # | 67        |
| 38) Carbon Tetrachloride    | 8.016  | 117   | 61411    | 6.564     | ug/l # | 16        |
| 39) Methylcyclohexane       | 9.392  | 83    | 27509    | 2.682     | ug/l   | 92        |
| 40) Benzene                 | 8.392  | 78    | 959687   | 37.148    | ug/l   | 100       |
| 41) Methacrylonitrile       | 7.593  | 41    | 1201     | 0.268     | ug/l # | 17        |
| 43) Isopropyl Acetate       | 8.481  | 43    | 9397     | 0.665     | ug/l # | 53        |
| 47) Bromodichloromethane    | 9.686  | 83    | 3998     | 0.444     | ug/l # | 26        |
| 48) Methyl methacrylate     | 9.528  | 41    | 4080     | 0.675     | ug/l # | 40        |
| 49) 1,4-Dioxane             | 9.510  | 88    | 168      | 0.935     | ug/l # | 1         |
| 51) 4-Methyl-2-Pentanone    | 10.310 | 43    | 6053     | 0.634     | ug/l # | 57        |
| 52) Toluene                 | 10.445 | 92    | 151701   | 8.564     | ug/l   | 96        |
| 55) 1,1,2-Trichloroethane   | 10.810 | 97    | 7926     | 1.150     | ug/l # | 20        |
| 59) 2-Hexanone              | 11.069 | 43    | 9063     | 1.233     | ug/l   | 87        |
| 67) Ethyl Benzene           | 11.786 | 91    | 1734212  | 50.900    | ug/l   | 98        |
| 68) m/p-Xylenes             | 11.892 | 106   | 233131   | 16.841    | ug/l   | 98        |
| 69) o-Xylene                | 12.216 | 106   | 7600     | 0.547     | ug/l   | 87        |
| 73) Isopropylbenzene        | 12.522 | 105   | 820536   | 20.593    | ug/l   | 99        |
| 76) 1,2,3-Trichloropropane  | 12.669 | 75    | 231344   | 20.341    | ug/l # | 1         |
| 77) Bromobenzene            | 12.675 | 156   | 14104    | 1.308     | ug/l # | 1         |
| 78) n-propylbenzene         | 12.863 | 91    | 1037716  | 24.433    | ug/l   | 99        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081822\  
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 Acq On : 18 Aug 2022 12:32  
 Operator : JC\MD  
 Sample : N4204-25 5X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

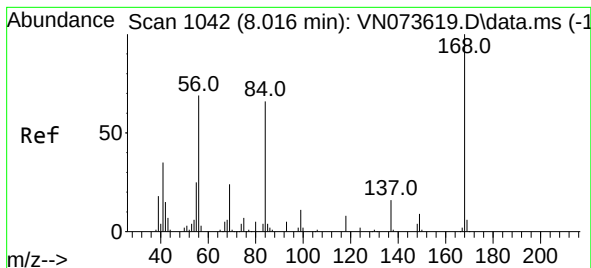
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-5

Quant Time: Aug 18 21:48:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081522W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 16 00:45:21 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 79) 2-Chlorotoluene           | 12.863 | 91   | 1037716  | 39.207 | ug/l # | 40       |
| 80) 1,3,5-Trimethylbenzene    | 12.998 | 105  | 41864    | 1.292  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.516 | 75   | 9690     | 2.423  | ug/l # | 69       |
| 82) 4-Chlorotoluene           | 12.863 | 91   | 1037716  | 41.280 | ug/l # | 40       |
| 83) tert-Butylbenzene         | 13.498 | 119  | 6940     | 0.233  | ug/l   | 85       |
| 84) 1,2,4-Trimethylbenzene    | 13.310 | 105  | 18825    | 0.582  | ug/l   | 76       |
| 85) sec-Butylbenzene          | 13.439 | 105  | 40671    | 1.052  | ug/l # | 51       |
| 89) n-Butylbenzene            | 13.880 | 91   | 38760    | 1.486  | ug/l # | 69       |
| 90) Hexachloroethane          | 14.157 | 117  | 27481    | 4.565  | ug/l # | 9        |
| 95) Naphthalene               | 15.433 | 128  | 173548   | 4.529  | ug/l # | 94       |

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

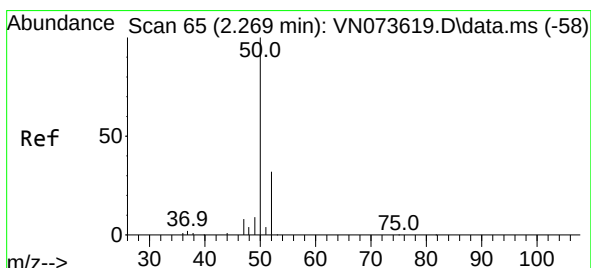
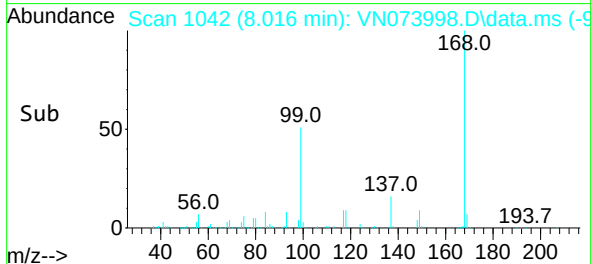
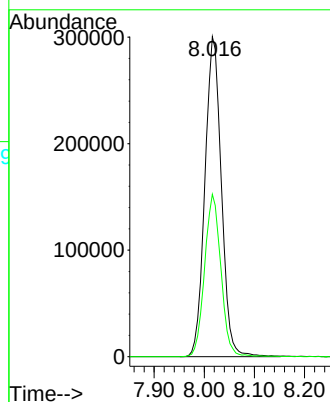
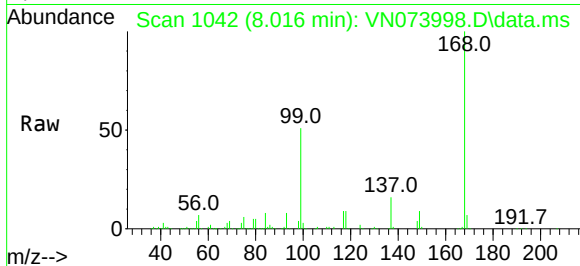




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. 0.000 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

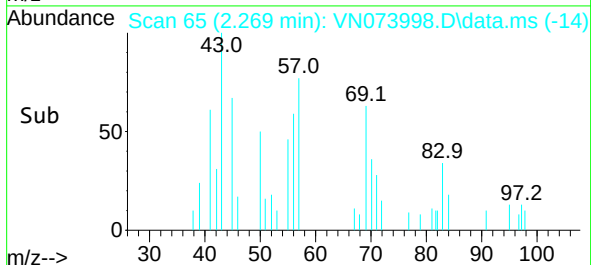
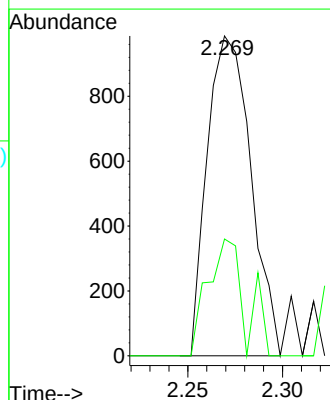
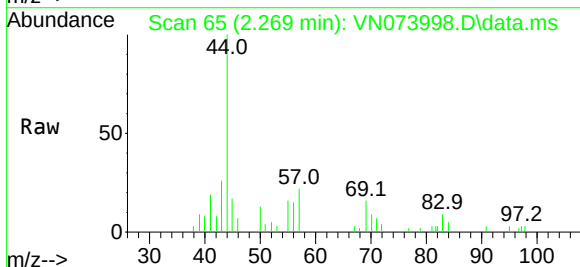
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MSVOA\_N  
ClientSampleId :  
MW-5

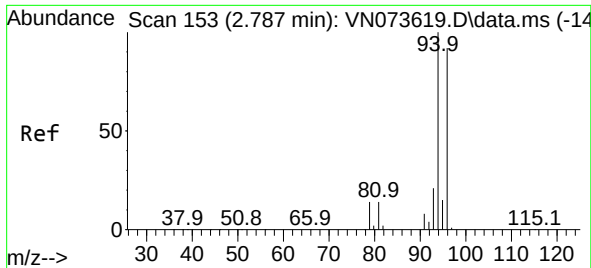
Tgt Ion:168 Resp: 686246  
Ion Ratio Lower Upper  
168 100  
99 50.8 42.3 63.5



#3  
Chloromethane  
Concen: 0.261 ug/l  
RT: 2.269 min Scan# 65  
Delta R.T. 0.000 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion: 50 Resp: 1580  
Ion Ratio Lower Upper  
50 100  
52 36.5 25.7 38.5

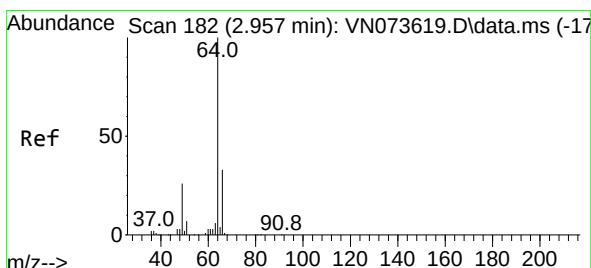
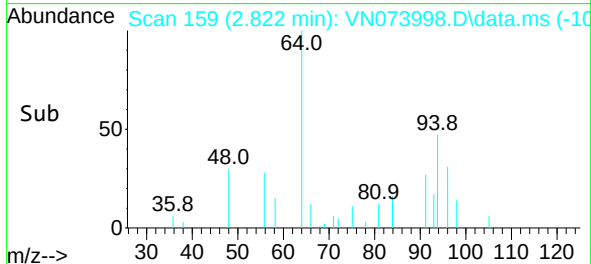
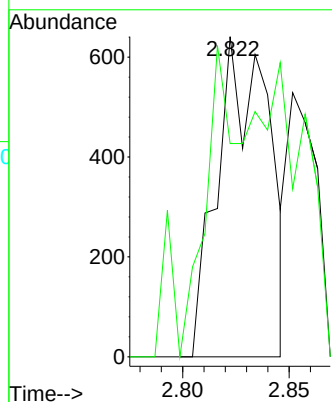
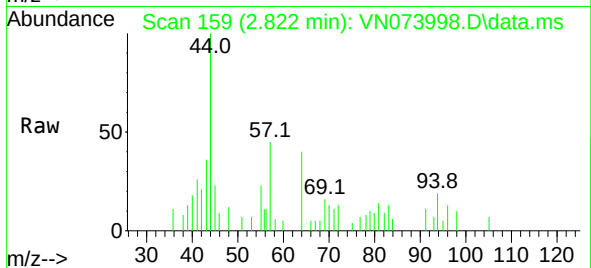




#5  
Bromomethane  
Concen: 0.223 ug/l  
RT: 2.822 min Scan# 11  
Delta R.T. 0.035 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

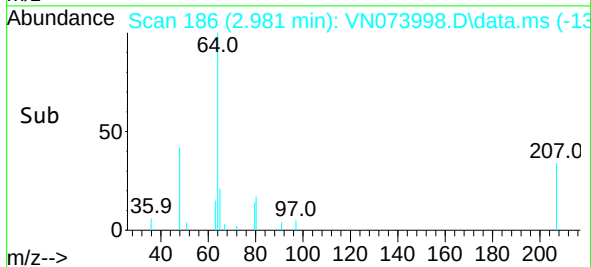
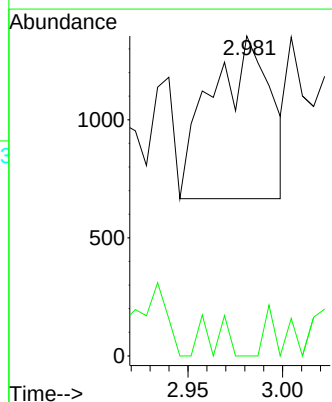
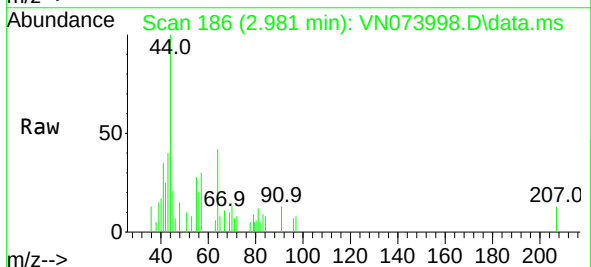
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

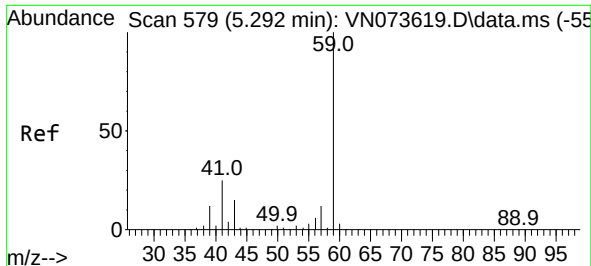
Tgt Ion: 94 Resp: 1083  
Ion Ratio Lower Upper  
94 100  
96 66.6 76.0 114.0#



#6  
Chloroethane  
Concen: 0.273 ug/l  
RT: 2.981 min Scan# 186  
Delta R.T. 0.024 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion: 64 Resp: 1497  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.2 39.4#

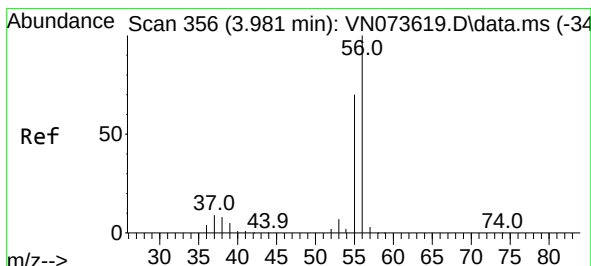
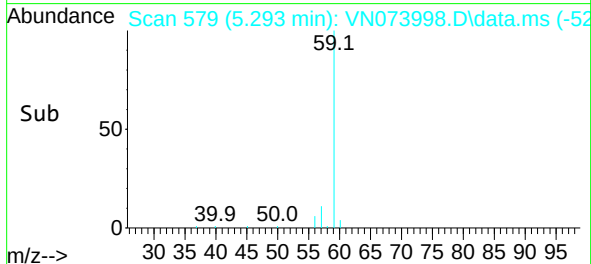
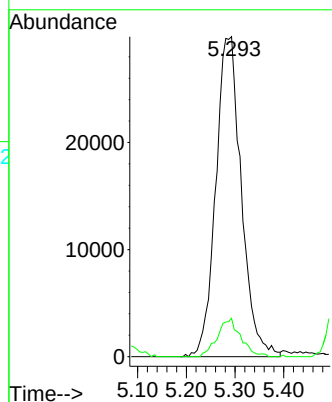
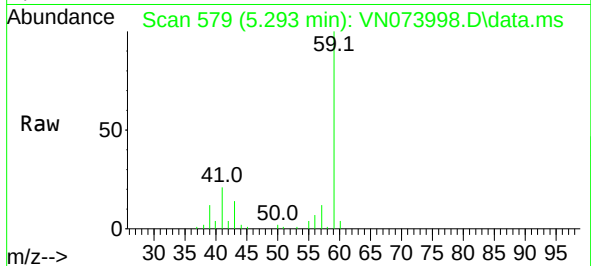




#11  
Tert butyl alcohol  
Concen: 72.785 ug/l  
RT: 5.293 min Scan# 51  
Delta R.T. 0.001 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

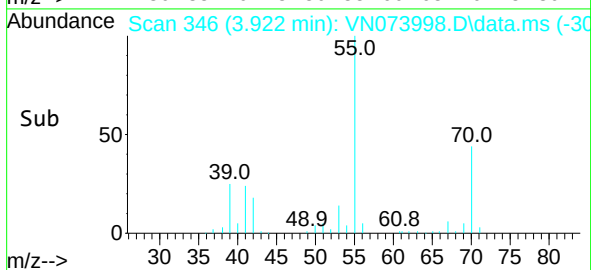
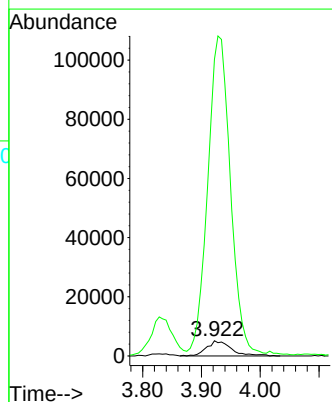
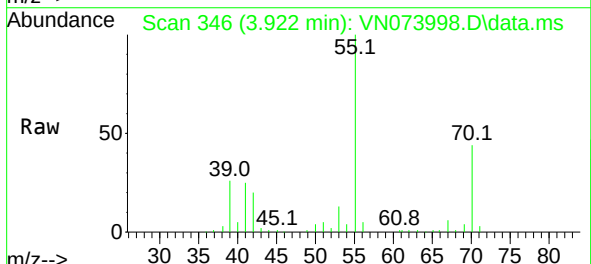
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

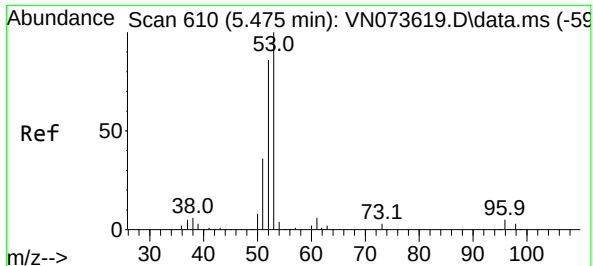
Tgt Ion: 59 Resp: 108821  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.3 12.5



#13  
Acrolein  
Concen: 14.249 ug/l  
RT: 3.922 min Scan# 346  
Delta R.T. -0.059 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion: 56 Resp: 14912  
Ion Ratio Lower Upper  
56 100  
55 1919.3 54.8 82.2#

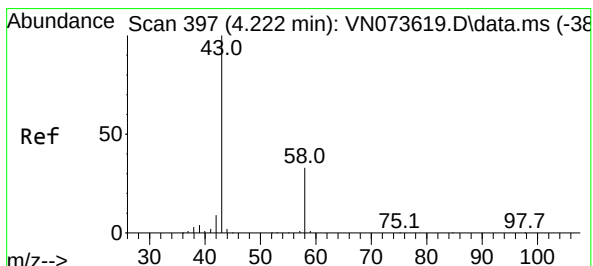
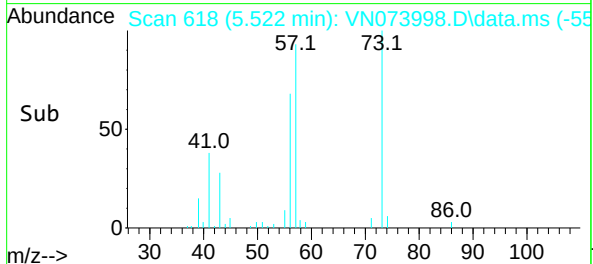
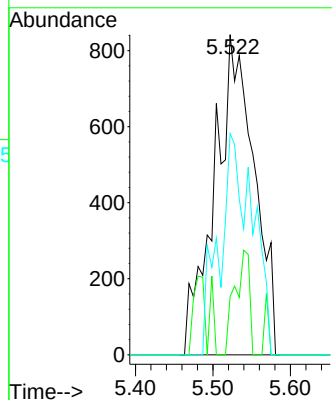
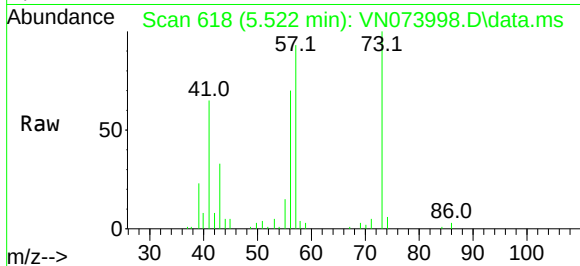




#15  
Acrylonitrile  
Concen: 0.824 ug/l  
RT: 5.522 min Scan# 610  
Delta R.T. 0.047 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

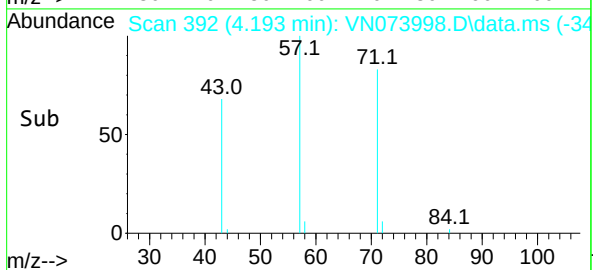
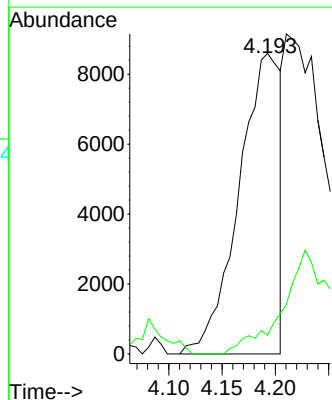
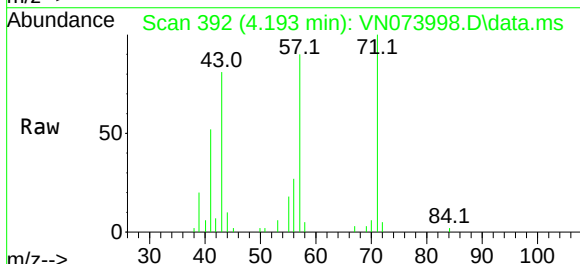
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

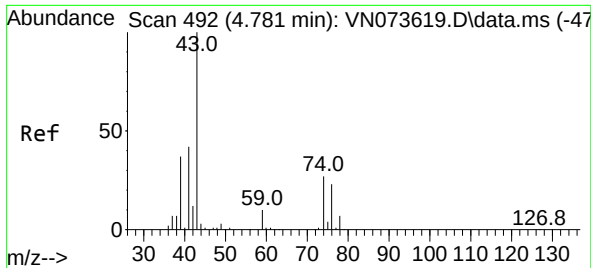
Tgt Ion: 53 Resp: 3007  
Ion Ratio Lower Upper  
53 100  
52 12.0 66.4 99.6#  
51 37.9 28.5 42.7



#16  
Acetone  
Concen: 7.381 ug/l  
RT: 4.193 min Scan# 392  
Delta R.T. -0.029 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion: 43 Resp: 23274  
Ion Ratio Lower Upper  
43 100  
58 1.9 26.0 39.0#

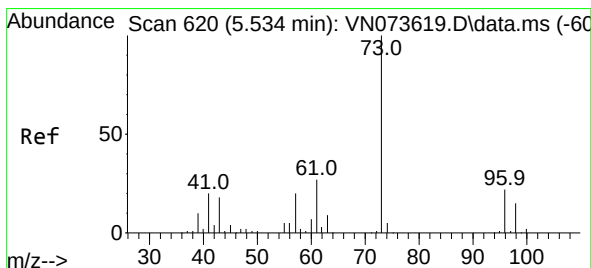
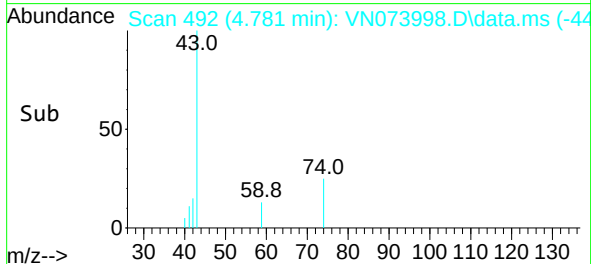
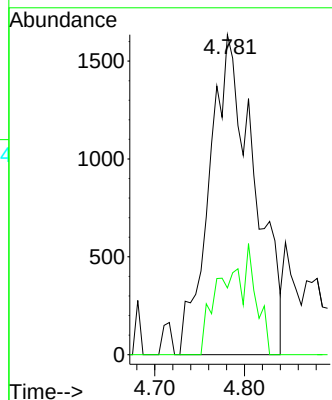
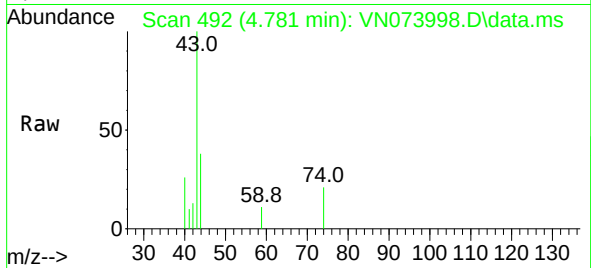




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.781 min Scan# 492  
Delta R.T. -0.000 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

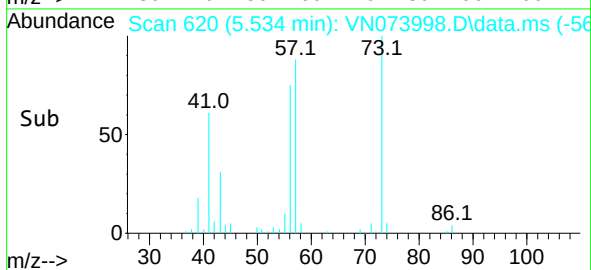
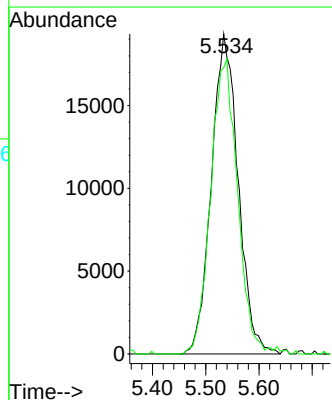
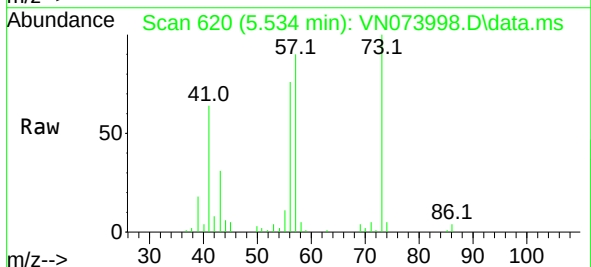
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

Tgt Ion: 43 Resp: 5670  
Ion Ratio Lower Upper  
43 100  
74 16.8 21.6 32.4#

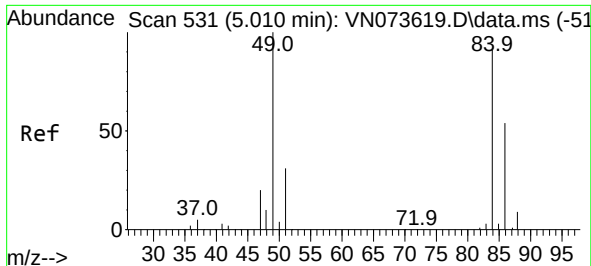


#19  
Methyl tert-butyl Ether  
Concen: 3.459 ug/l  
RT: 5.534 min Scan# 620  
Delta R.T. -0.000 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion: 73 Resp: 67476  
Ion Ratio Lower Upper  
73 100  
57 89.5 17.6 26.4#



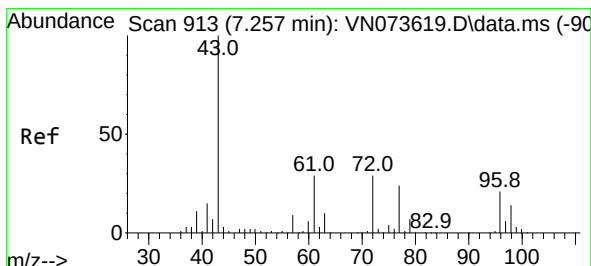
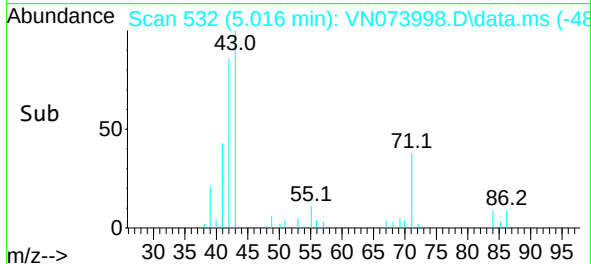
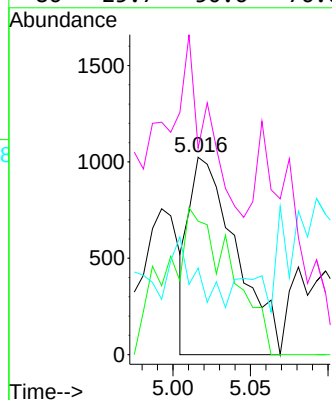
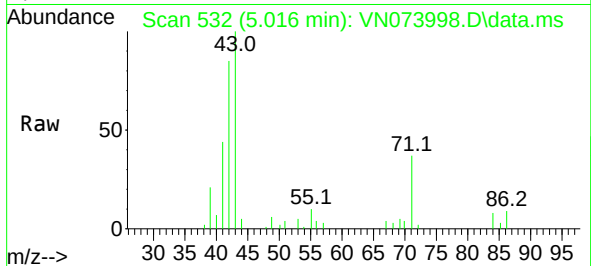




#20  
Methylene Chloride  
Concen: 0.326 ug/l  
RT: 5.016 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

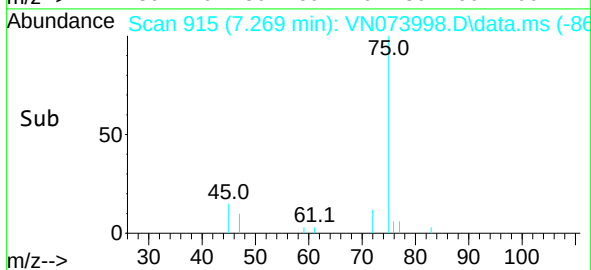
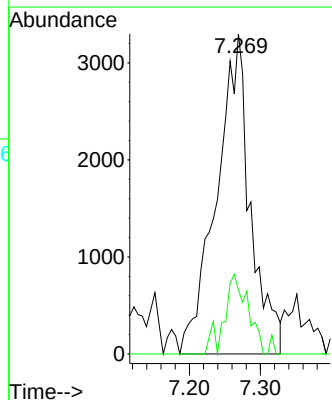
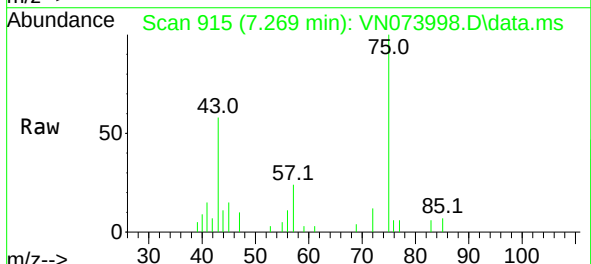
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

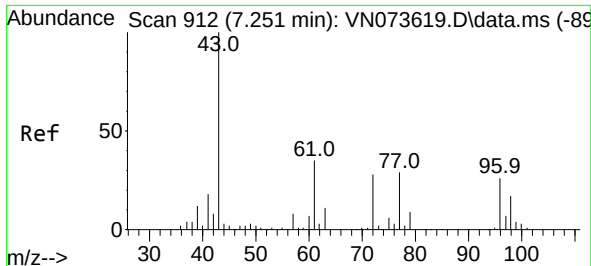
Tgt Ion: 84 Resp: 2169  
Ion Ratio Lower Upper  
84 100  
49 67.6 88.3 132.5#  
51 0.0 28.2 42.2#  
86 25.7 50.6 76.0#



#25  
2-Butanone  
Concen: 2.187 ug/l  
RT: 7.269 min Scan# 915  
Delta R.T. 0.012 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion: 43 Resp: 10937  
Ion Ratio Lower Upper  
43 100  
72 20.0 23.7 35.5#

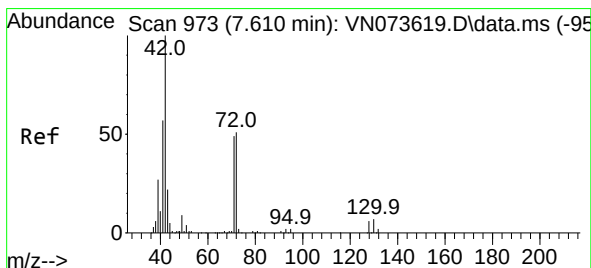
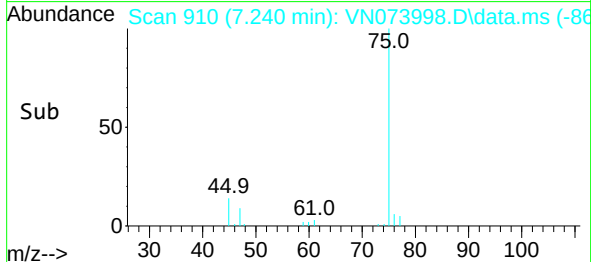
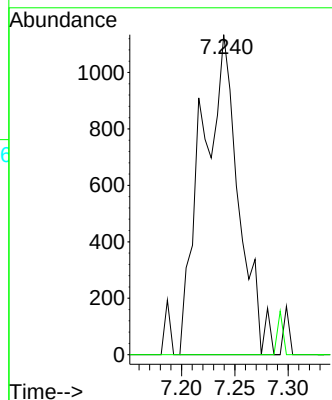
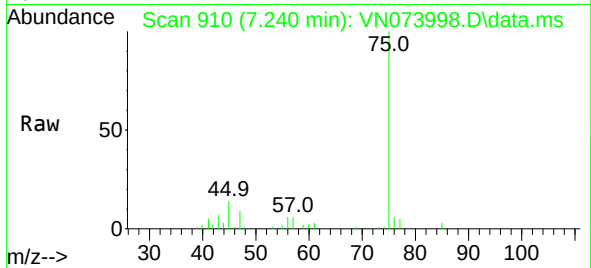




#26  
2,2-Dichloropropane  
Concen: 0.275 ug/l  
RT: 7.240 min Scan# 912  
Delta R.T. -0.011 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

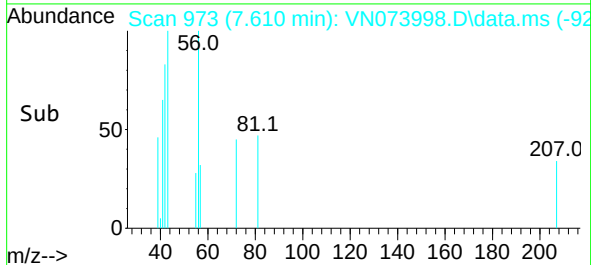
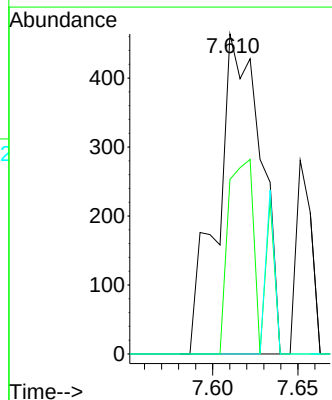
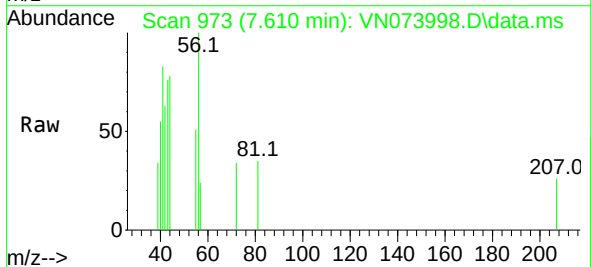
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

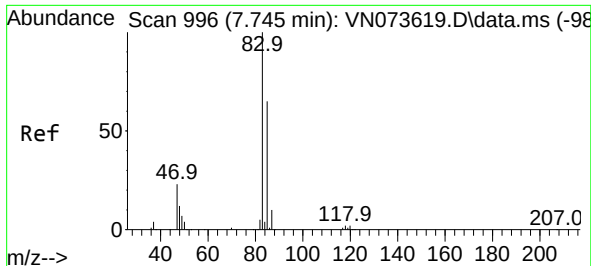
Tgt Ion: 77 Resp: 2738  
Ion Ratio Lower Upper  
77 100  
97 0.0 11.4 34.2#



#29  
Tetrahydrofuran  
Concen: 0.256 ug/l  
RT: 7.610 min Scan# 973  
Delta R.T. 0.000 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion: 42 Resp: 822  
Ion Ratio Lower Upper  
42 100  
72 44.2 39.7 59.5  
71 0.0 36.6 55.0#

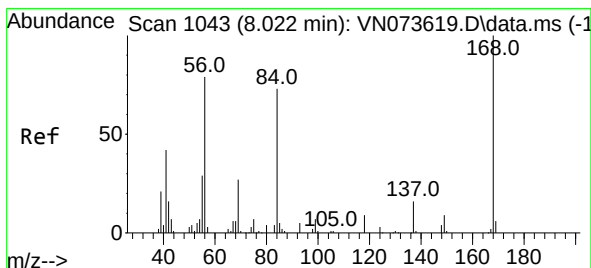
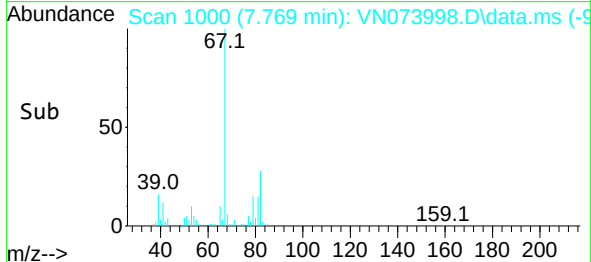
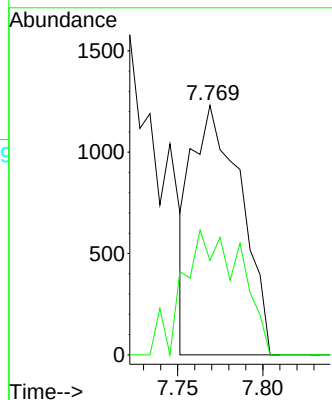
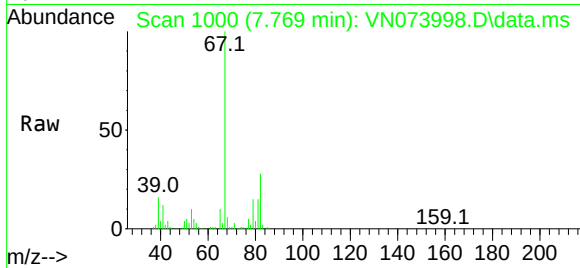




#30  
Chloroform  
Concen: 0.210 ug/l  
RT: 7.769 min Scan# 1000  
Delta R.T. 0.024 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

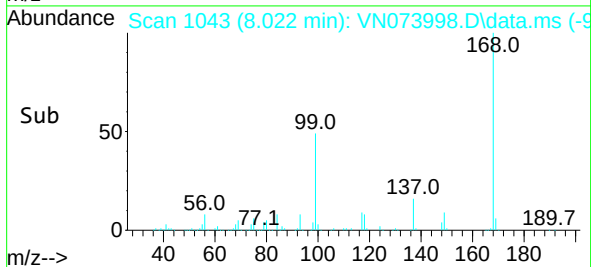
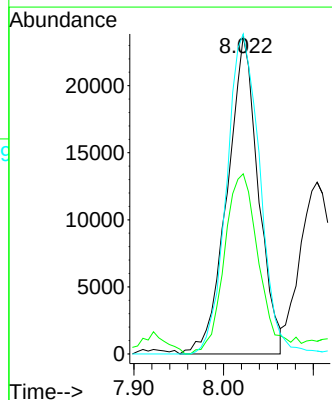
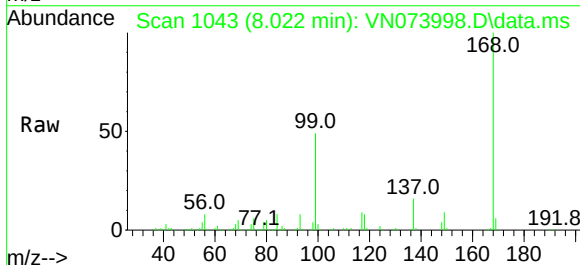
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

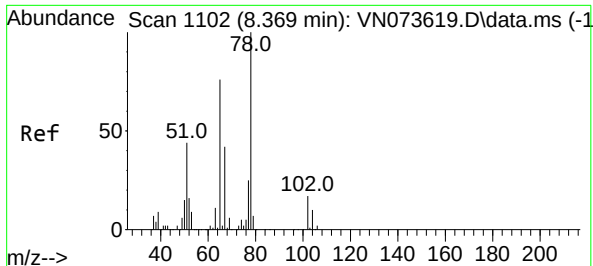
Tgt Ion: 83 Resp: 2483  
Ion Ratio Lower Upper  
83 100  
85 37.9 51.8 77.8#



#31  
Cyclohexane  
Concen: 6.118 ug/l  
RT: 8.022 min Scan# 1043  
Delta R.T. -0.000 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion: 56 Resp: 57004  
Ion Ratio Lower Upper  
56 100  
69 55.2 27.8 41.8#  
84 100.7 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 48.599 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073998.D

Acq: 18 Aug 2022 12:32

Instrument :

MSVOA\_N

ClientSampleId :

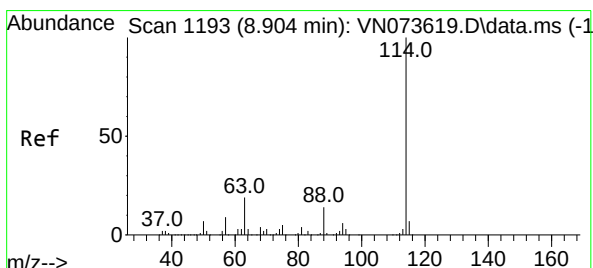
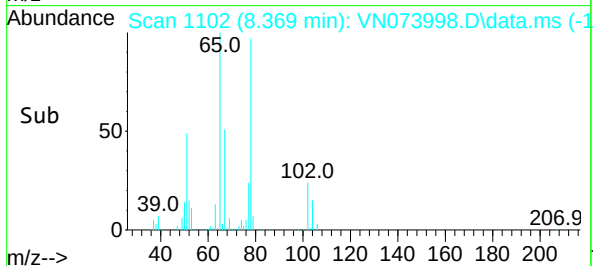
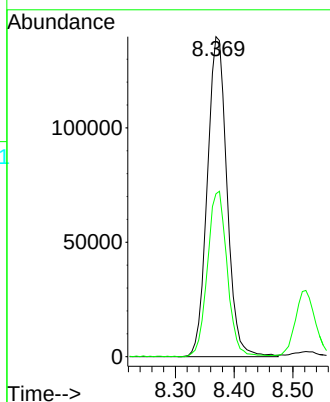
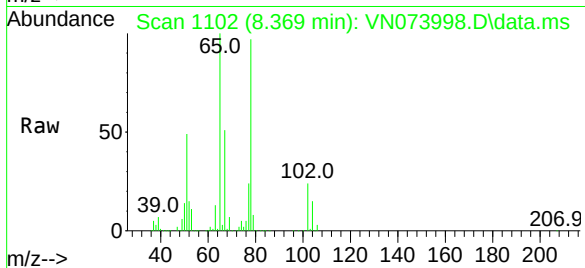
MW-5

Tgt Ion: 65 Resp: 324838

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073998.D

Acq: 18 Aug 2022 12:32

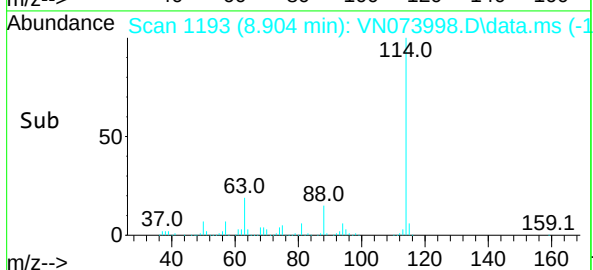
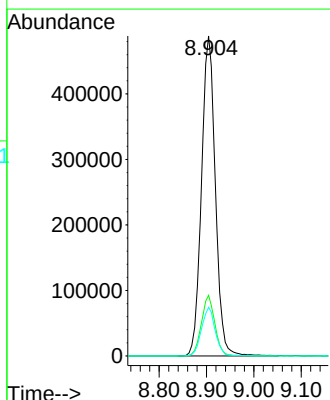
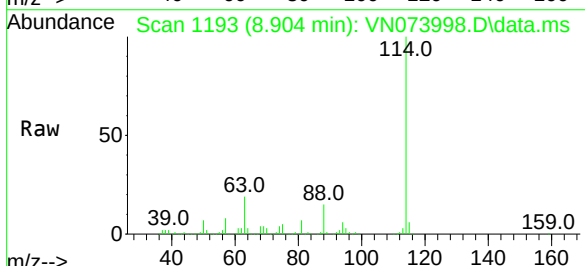
Tgt Ion: 114 Resp: 996472

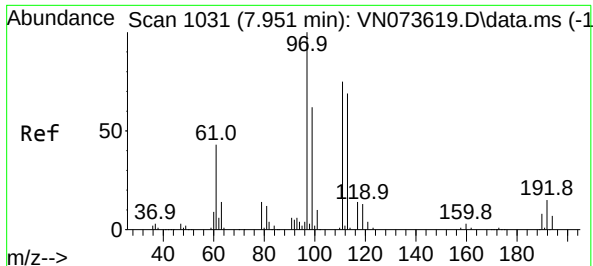
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.490 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073998.D

Acq: 18 Aug 2022 12:32

Instrument :

MSVOA\_N

ClientSampleId :

MW-5

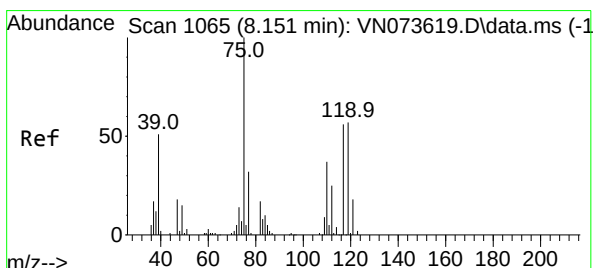
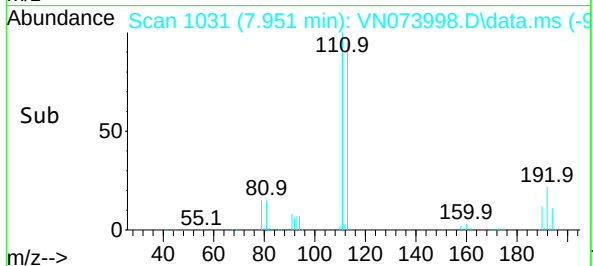
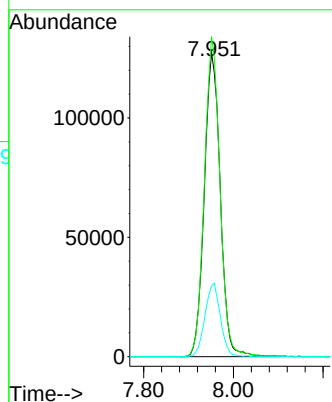
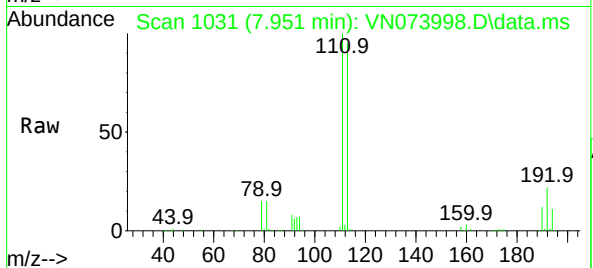
Tgt Ion:113 Resp: 315218

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 23.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.258 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073998.D

Acq: 18 Aug 2022 12:32

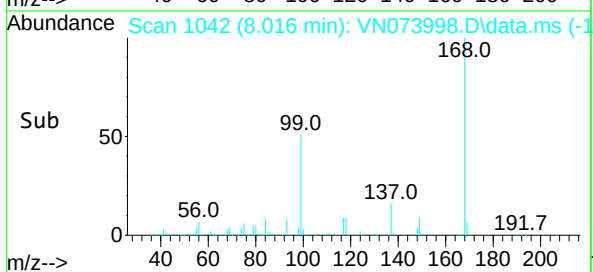
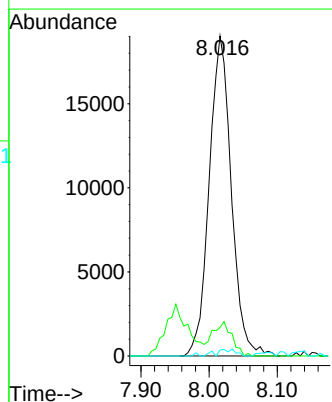
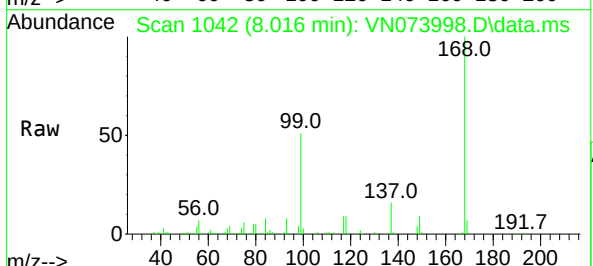
Tgt Ion: 75 Resp: 43042

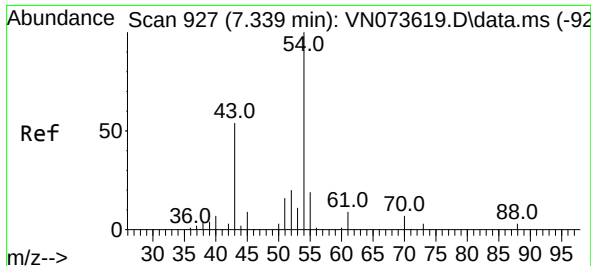
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

77 0.0 25.1 37.7#

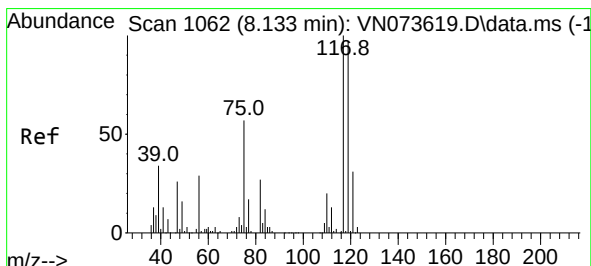
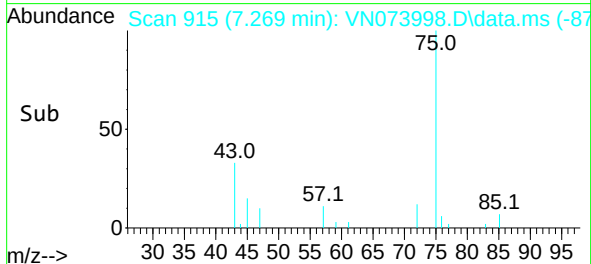
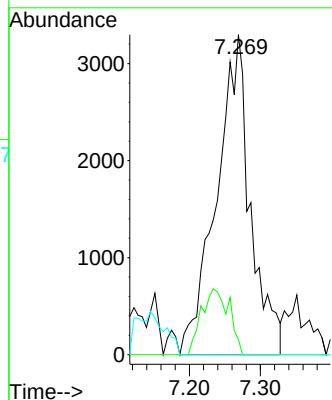
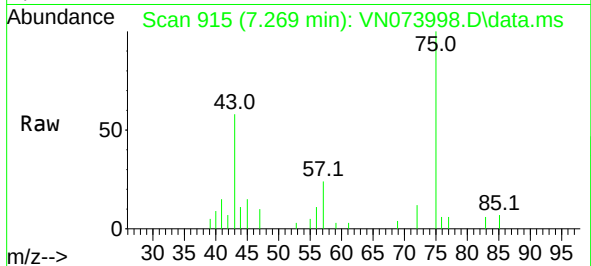




#37  
Ethyl Acetate  
Concen: 1.103 ug/l  
RT: 7.269 min Scan# 91  
Delta R.T. -0.070 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

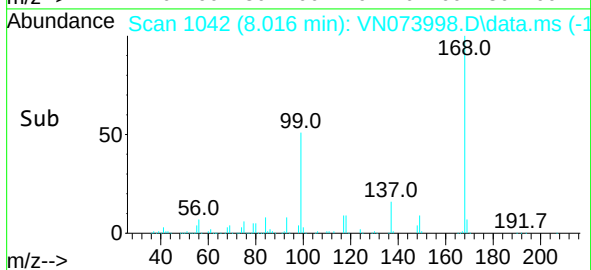
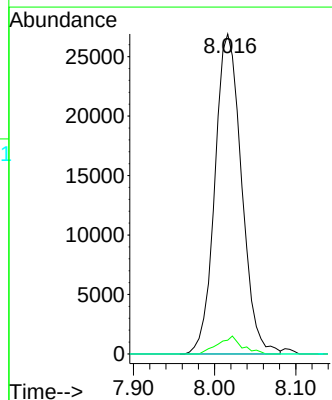
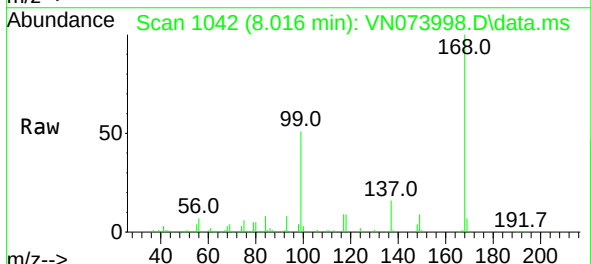
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

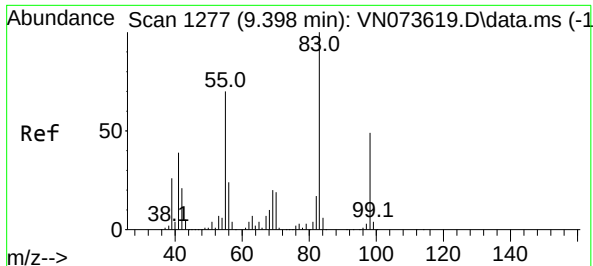
Tgt Ion: 43 Resp: 10937  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.8 17.6#  
70 0.0 9.3 13.9#



#38  
Carbon Tetrachloride  
Concen: 6.564 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.117 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion: 117 Resp: 61411  
Ion Ratio Lower Upper  
117 100  
119 4.3 75.8 113.8#  
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 2.682 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073998.D

Acq: 18 Aug 2022 12:32

Instrument :

MSVOA\_N

ClientSampleId :

MW-5

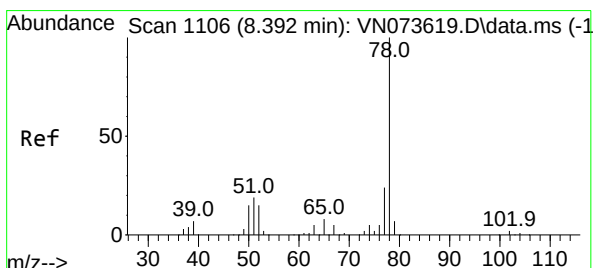
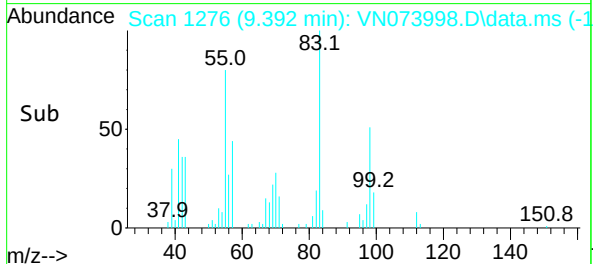
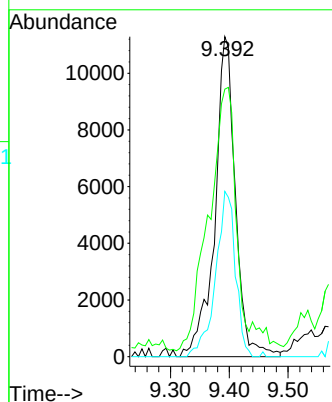
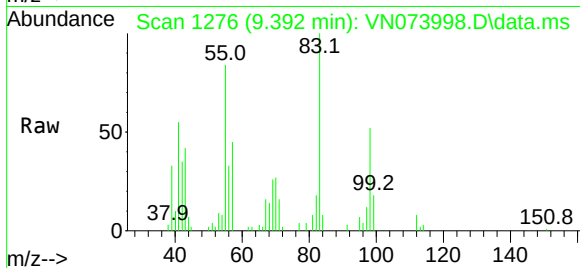
Tgt Ion: 83 Resp: 27509

Ion Ratio Lower Upper

83 100

55 81.0 57.8 86.8

98 51.6 39.4 59.2



#40

Benzene

Concen: 37.148 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073998.D

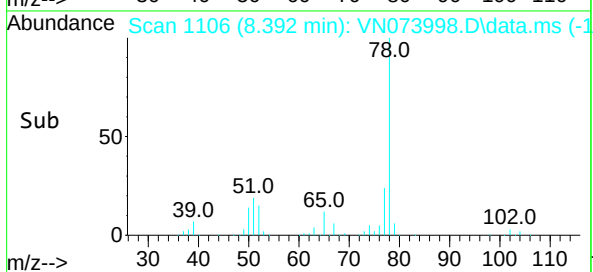
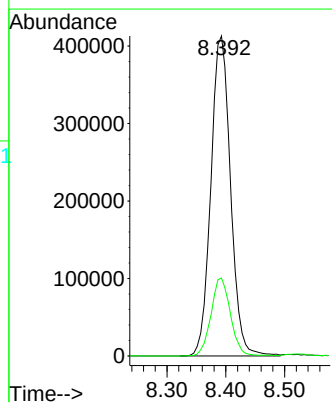
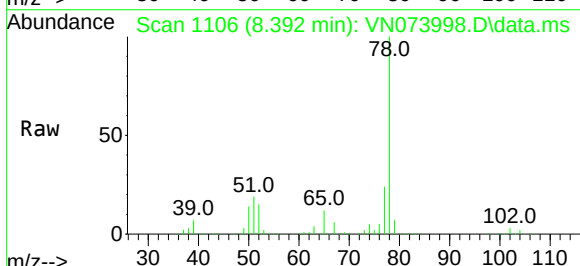
Acq: 18 Aug 2022 12:32

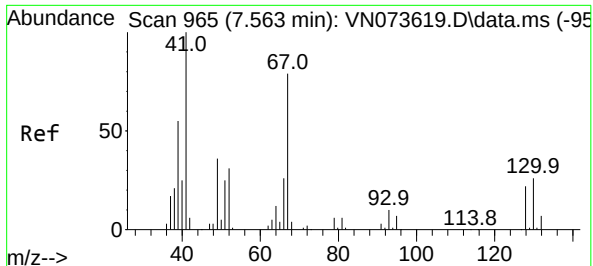
Tgt Ion: 78 Resp: 959687

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0

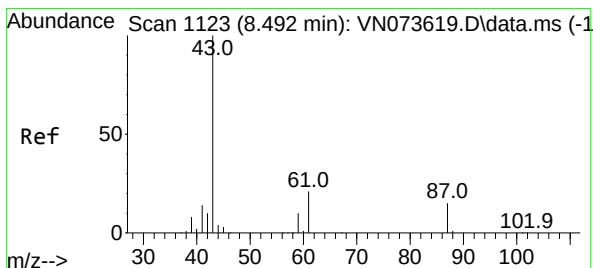
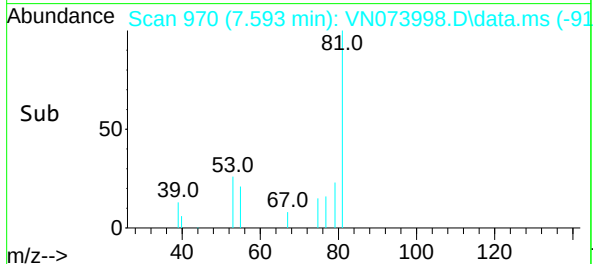
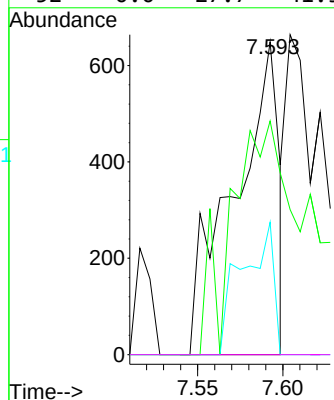
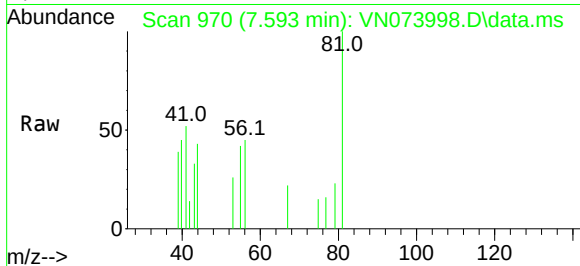




#41  
Methacrylonitrile  
Concen: 0.268 ug/l  
RT: 7.593 min Scan# 91  
Delta R.T. 0.030 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

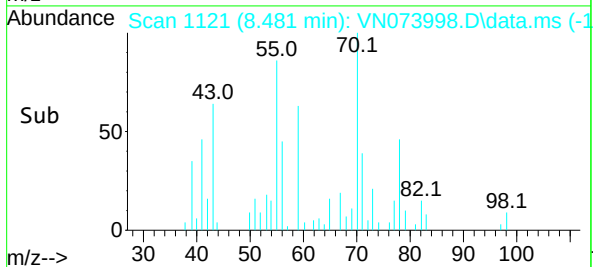
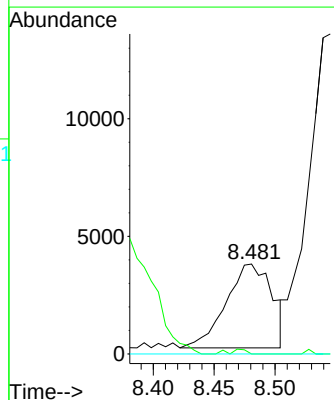
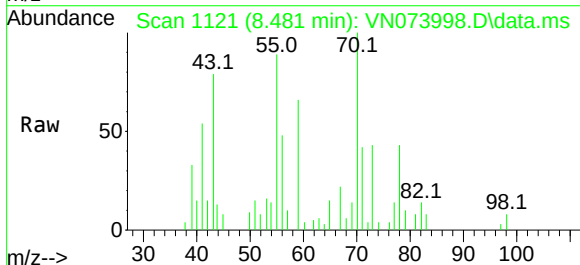
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

Tgt Ion: 41 Resp: 1201  
Ion Ratio Lower Upper  
41 100  
39 119.4 48.6 73.0#  
67 0.0 73.4 110.2#  
52 0.0 27.7 41.5#

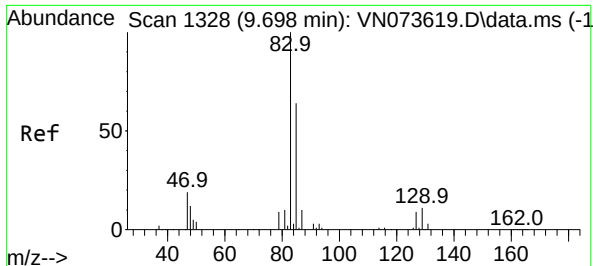


#43  
Isopropyl Acetate  
Concen: 0.665 ug/l  
RT: 8.481 min Scan# 1121  
Delta R.T. -0.011 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion: 43 Resp: 9397  
Ion Ratio Lower Upper  
43 100  
61 0.0 21.9 32.9#  
87 0.0 12.0 18.0#







#47

Bromodichloromethane

Concen: 0.444 ug/l

RT: 9.686 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN073998.D

Acq: 18 Aug 2022 12:32

Instrument :

MSVOA\_N

ClientSampleId :

MW-5

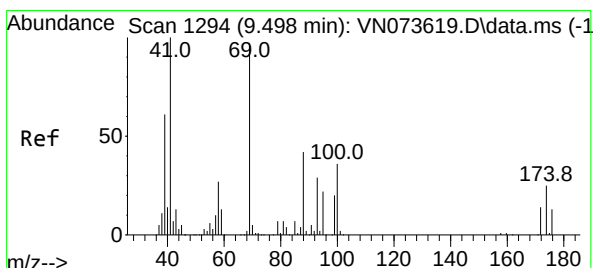
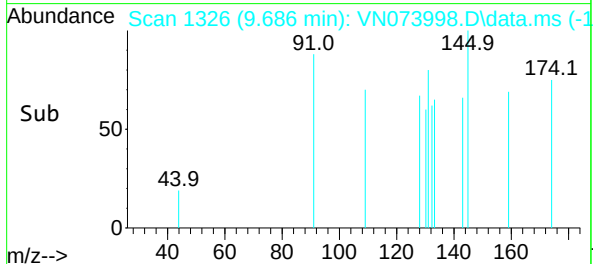
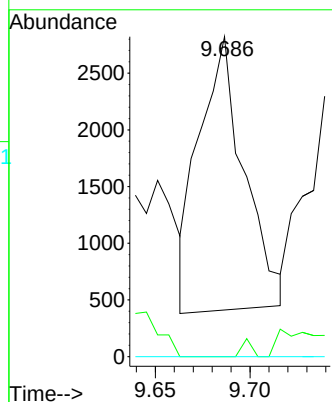
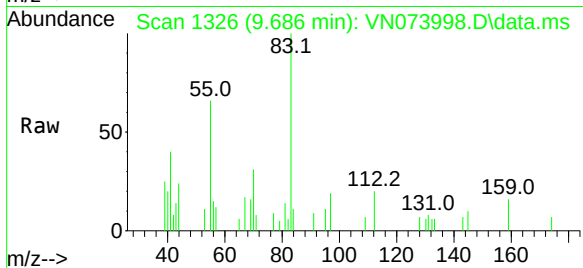
Tgt Ion: 83 Resp: 3998

Ion Ratio Lower Upper

83 100

85 0.0 50.5 75.7#

127 0.0 6.8 10.2#



#48

Methyl methacrylate

Concen: 0.675 ug/l

RT: 9.528 min Scan# 1299

Delta R.T. 0.030 min

Lab File: VN073998.D

Acq: 18 Aug 2022 12:32

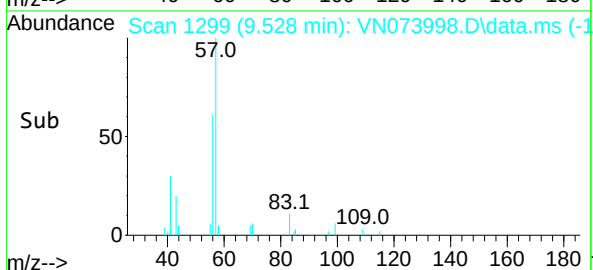
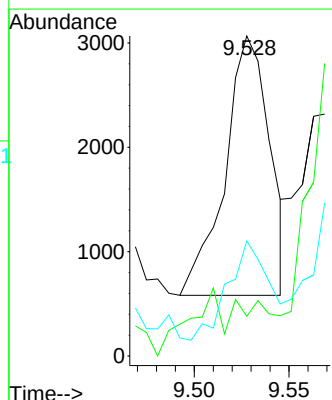
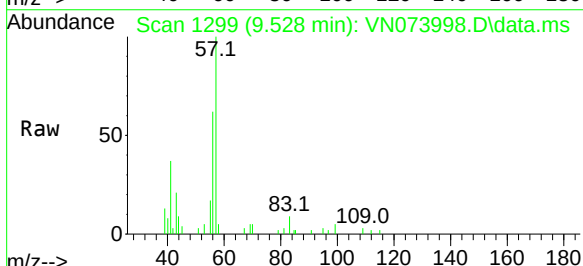
Tgt Ion: 41 Resp: 4080

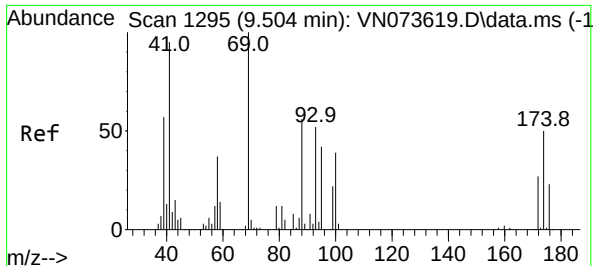
Ion Ratio Lower Upper

41 100

69 18.6 74.7 112.1#

39 34.9 45.6 68.4#





#49

1,4-Dioxane

Concen: 0.935 ug/l

RT: 9.510 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VN073998.D

Acq: 18 Aug 2022 12:32

Instrument :

MSVOA\_N

ClientSampleId :

MW-5

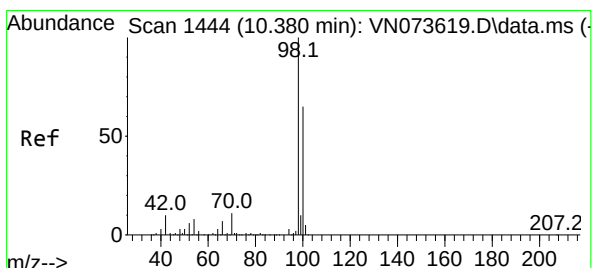
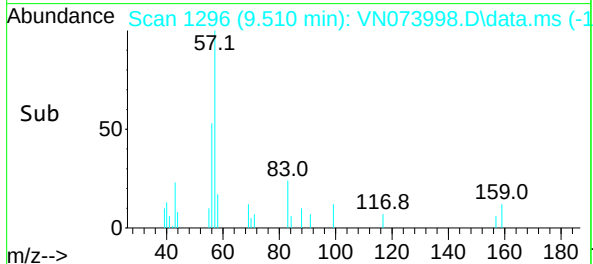
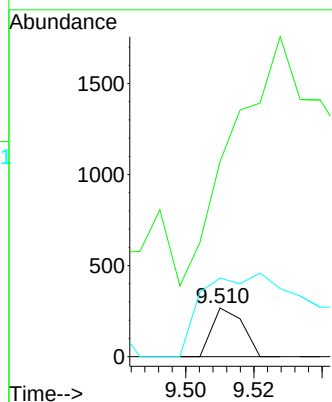
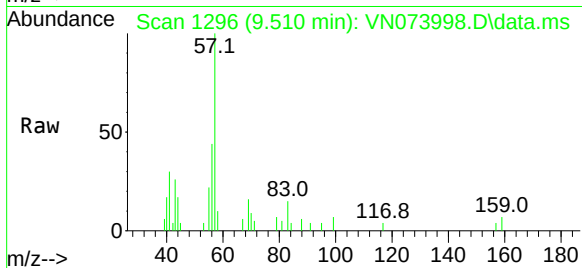
Tgt Ion: 88 Resp: 168

Ion Ratio Lower Upper

88 100

43 1629.2 20.2 30.4#

58 716.7 54.2 81.4#



#50

Toluene-d8

Concen: 46.897 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.001 min

Lab File: VN073998.D

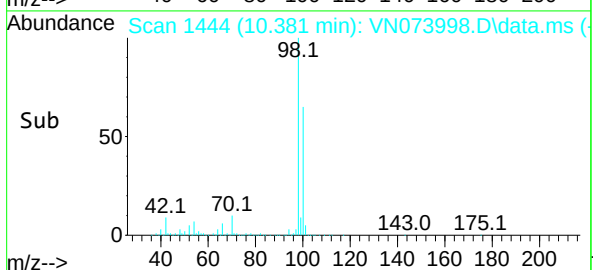
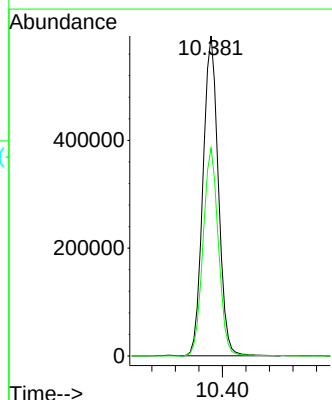
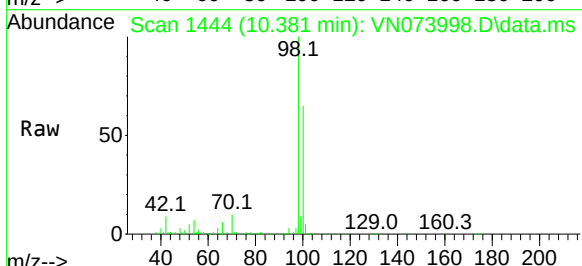
Acq: 18 Aug 2022 12:32

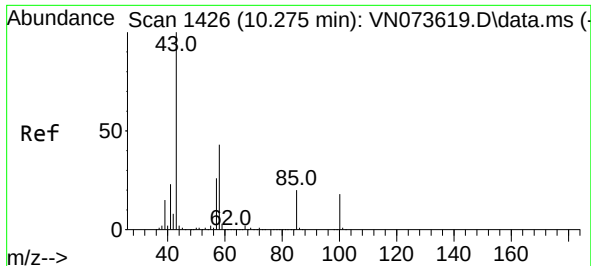
Tgt Ion: 98 Resp: 1070337

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.634 ug/l

RT: 10.310 min Scan# 14

Delta R.T. 0.035 min

Lab File: VN073998.D

Acq: 18 Aug 2022 12:32

Instrument :

MSVOA\_N

ClientSampleId :

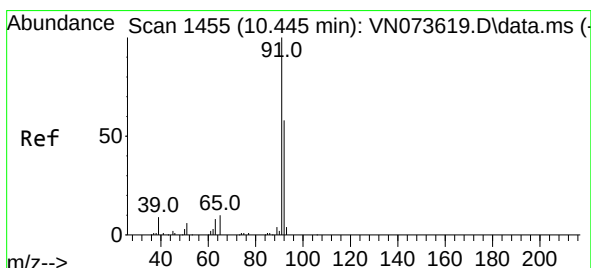
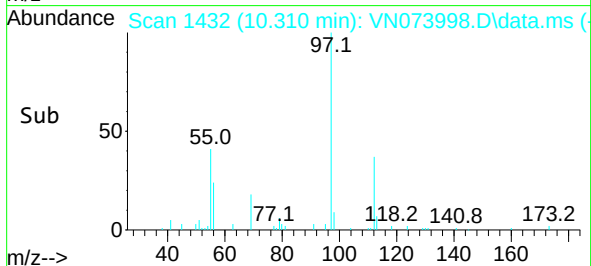
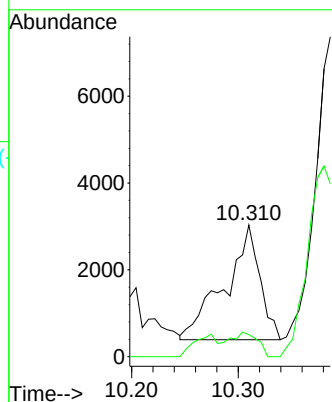
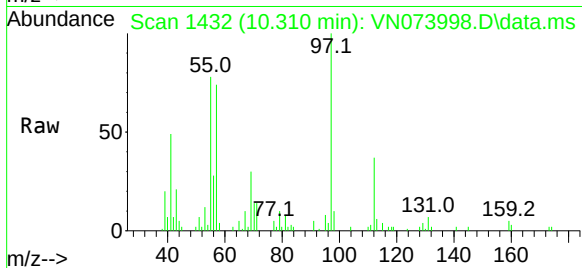
MW-5

Tgt Ion: 43 Resp: 6053

Ion Ratio Lower Upper

43 100

58 15.5 34.1 51.1#



#52

Toluene

Concen: 8.564 ug/l

RT: 10.445 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VN073998.D

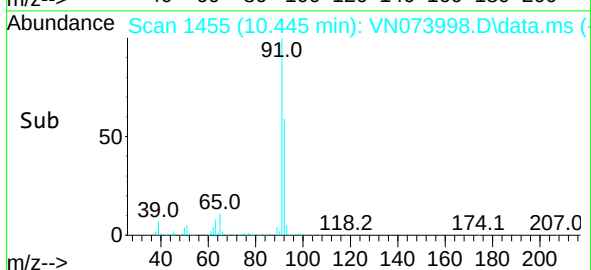
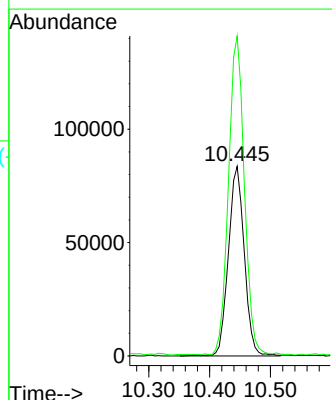
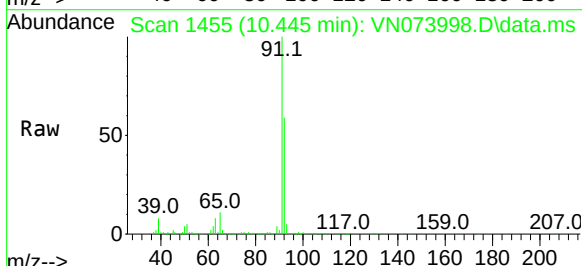
Acq: 18 Aug 2022 12:32

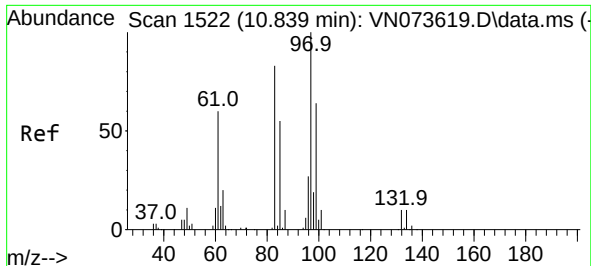
Tgt Ion: 92 Resp: 151701

Ion Ratio Lower Upper

92 100

91 167.2 138.6 207.8

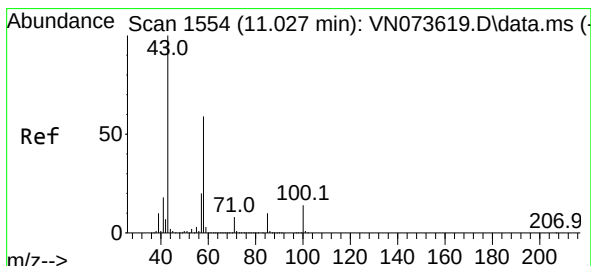
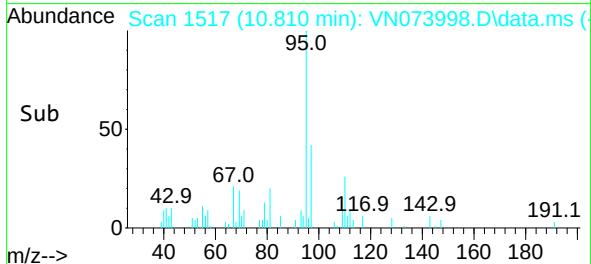
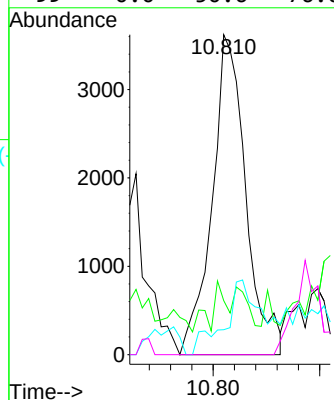
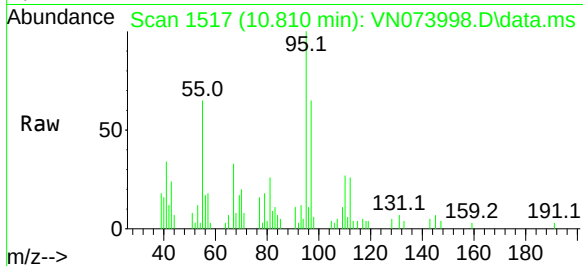




#55  
1,1,2-Trichloroethane  
Concen: 1.150 ug/l  
RT: 10.810 min Scan# 1561  
Delta R.T. -0.029 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

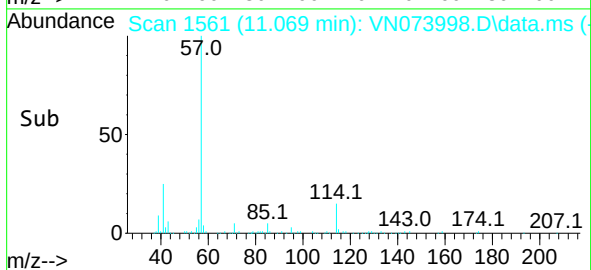
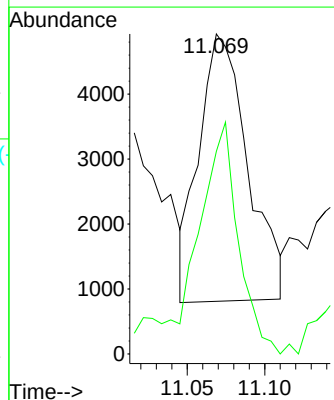
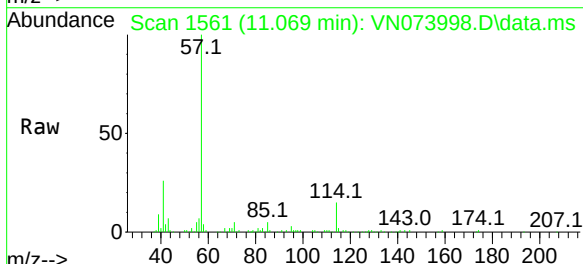
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

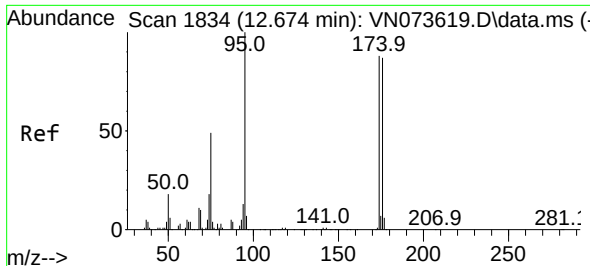
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 7926  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 7.7      | 66.2 99.4#  |
| 85 2.3      | 43.9 65.9#  |
| 99 0.0      | 50.6 76.0#  |



#59  
2-Hexanone  
Concen: 1.233 ug/l  
RT: 11.069 min Scan# 1561  
Delta R.T. 0.042 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 43 | Resp: | 9063  |       |
| Ion         | Ratio | Lower | Upper |
| 43          | 100   |       |       |
| 58          | 69.5  | 29.7  | 89.1  |

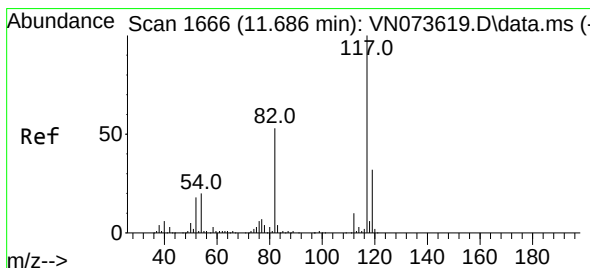
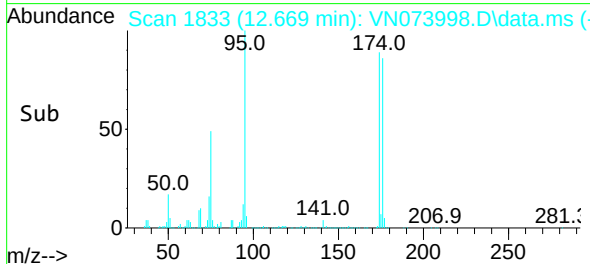
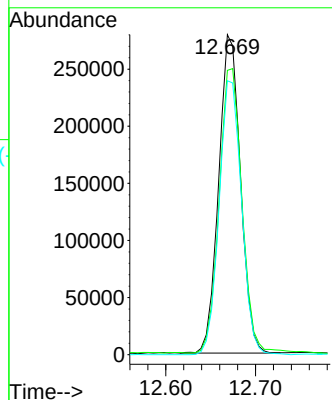
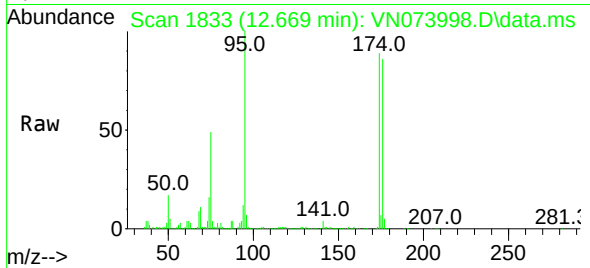




#62  
4-Bromofluorobenzene  
Concen: 61.977 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.005 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

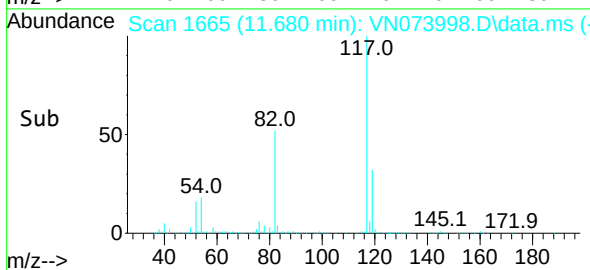
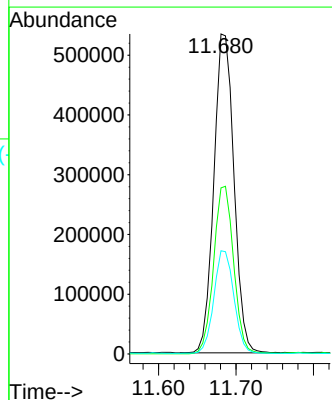
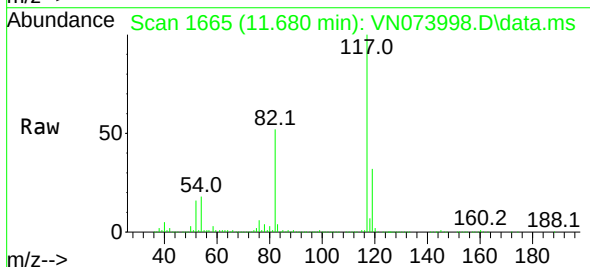
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

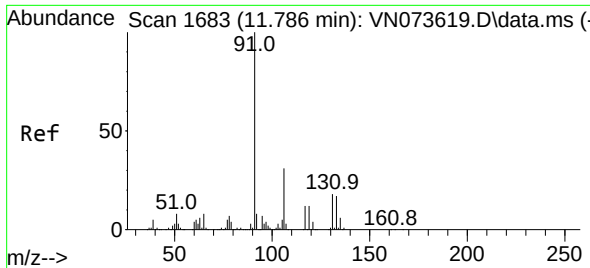
Tgt Ion: 95 Resp: 469454  
Ion Ratio Lower Upper  
95 100  
174 95.3 0.0 167.6  
176 88.6 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 1665  
Delta R.T. -0.006 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion: 117 Resp: 963984  
Ion Ratio Lower Upper  
117 100  
82 52.0 44.2 66.2  
119 32.1 25.4 38.0

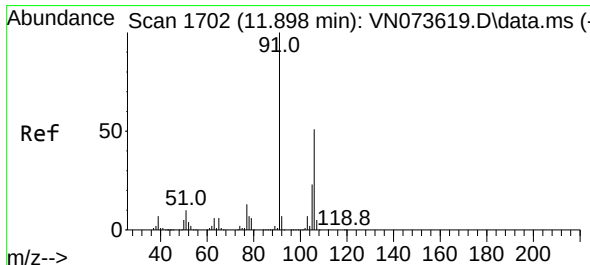
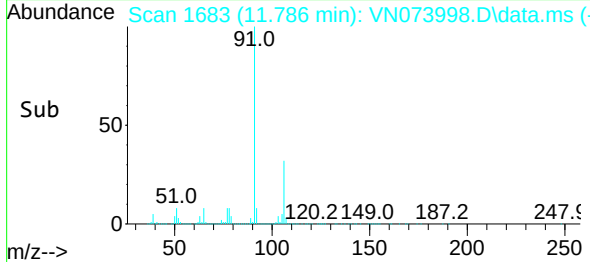
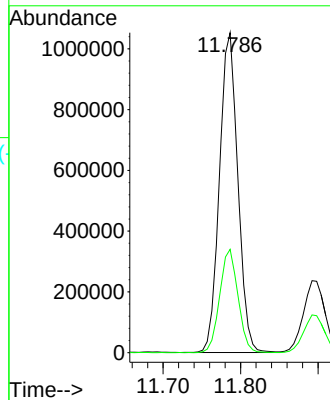
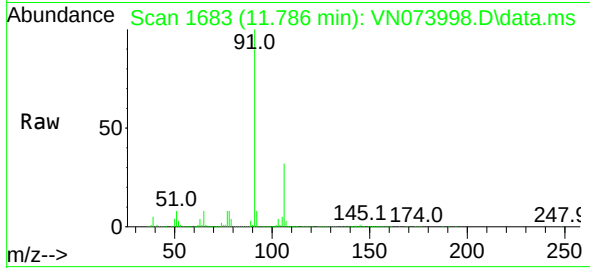




#67  
Ethyl Benzene  
Concen: 50.900 ug/l  
RT: 11.786 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

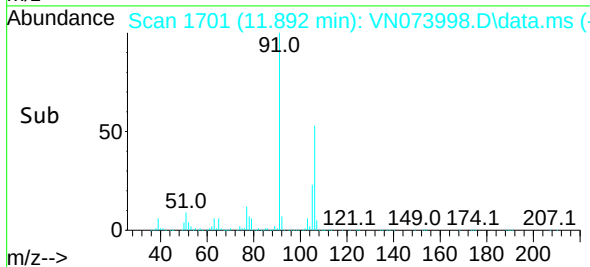
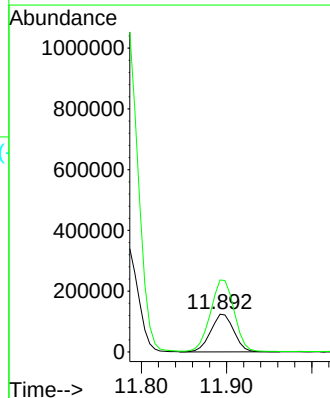
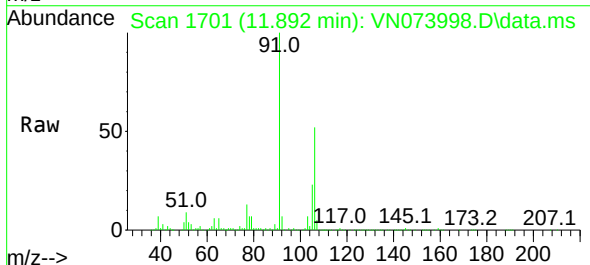
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

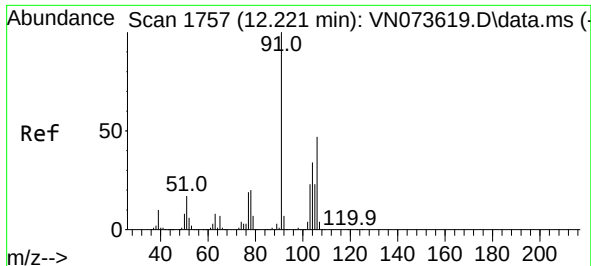
Tgt Ion: 91 Resp: 1734212  
Ion Ratio Lower Upper  
91 100  
106 32.3 24.9 37.3



#68  
m/p-Xylenes  
Concen: 16.841 ug/l  
RT: 11.892 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion: 106 Resp: 233131  
Ion Ratio Lower Upper  
106 100  
91 195.4 158.9 238.3

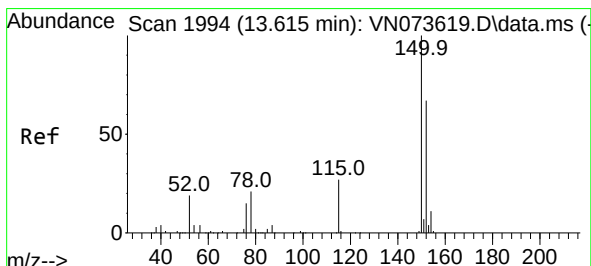
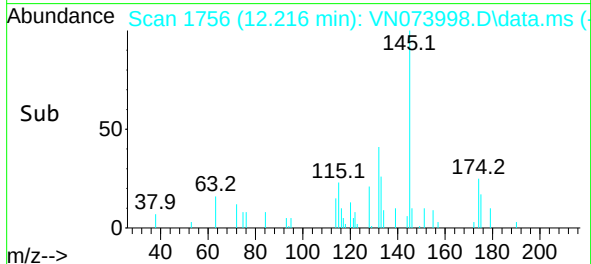
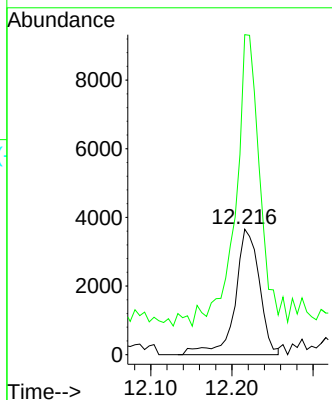
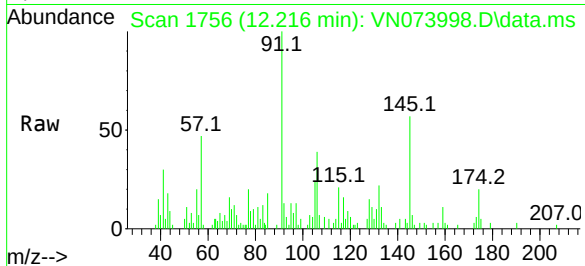




#69  
o-Xylene  
Concen: 0.547 ug/l  
RT: 12.216 min Scan# 1756  
Delta R.T. -0.005 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

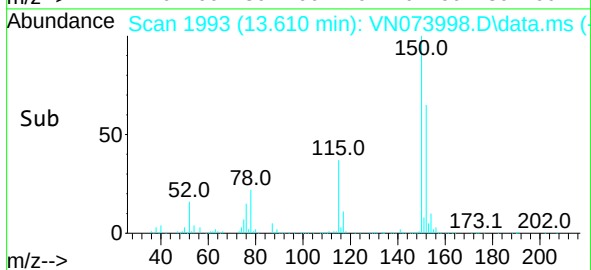
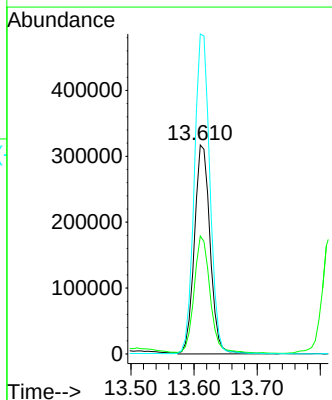
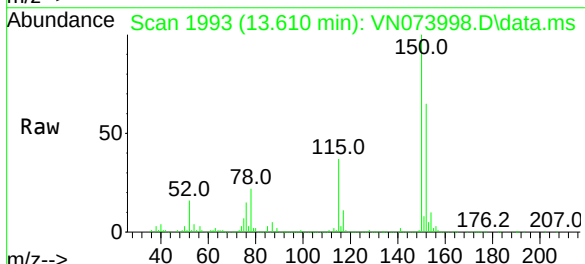
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

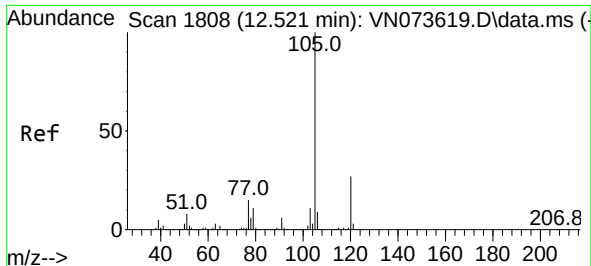
Tgt Ion:106 Resp: 7600  
Ion Ratio Lower Upper  
106 100  
91 233.2 106.0 318.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.610 min Scan# 1993  
Delta R.T. -0.005 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion:152 Resp: 547189  
Ion Ratio Lower Upper  
152 100  
115 56.5 28.9 86.7  
150 152.3 0.0 356.2

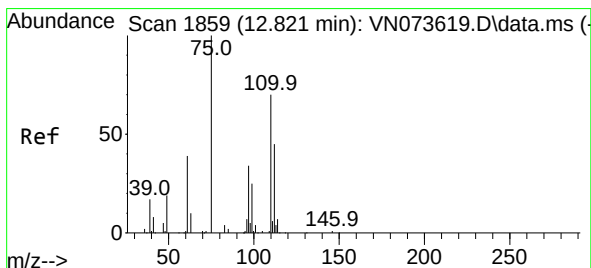
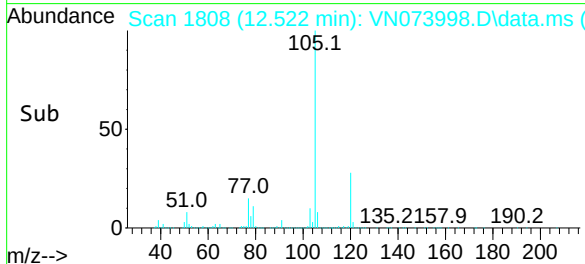
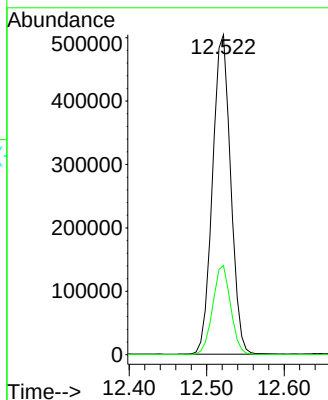
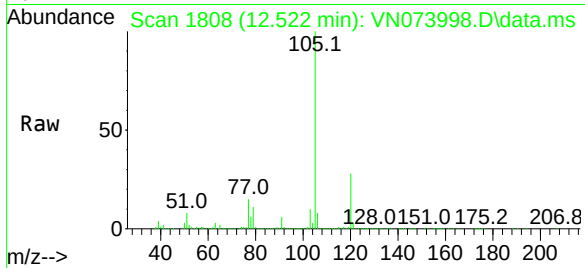




#73  
Isopropylbenzene  
Concen: 20.593 ug/l  
RT: 12.522 min Scan# 1808  
Delta R.T. 0.001 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

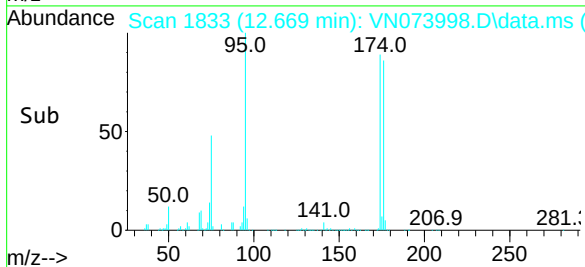
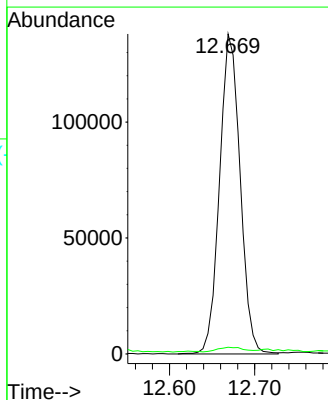
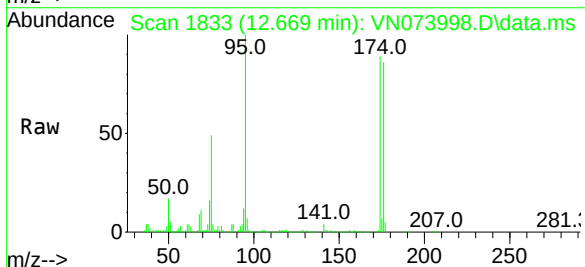
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

Tgt Ion:105 Resp: 820536  
Ion Ratio Lower Upper  
105 100  
120 27.7 13.5 40.4

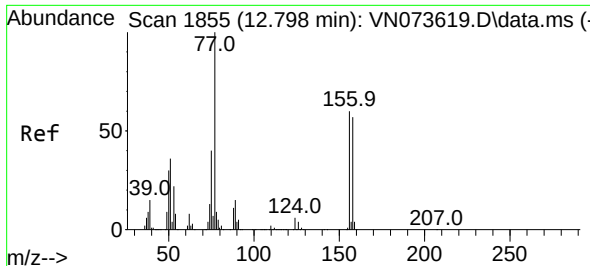


#76  
1,2,3-Trichloropropane  
Concen: 20.341 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.152 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion: 75 Resp: 231344  
Ion Ratio Lower Upper  
75 100  
77 1.8 98.5 295.5#



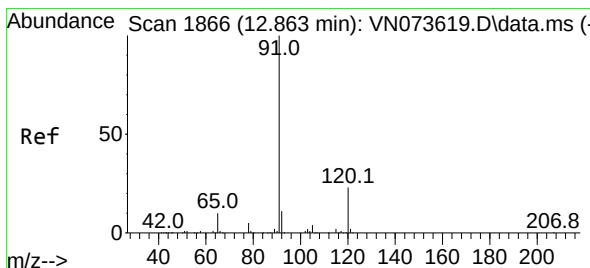
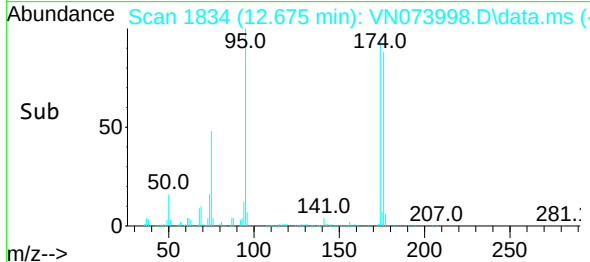
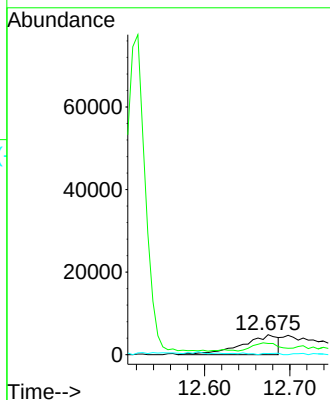
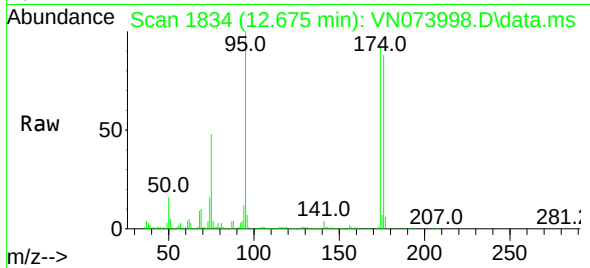




#77  
 Bromobenzene  
 Concen: 1.308 ug/l  
 RT: 12.675 min Scan# 1834  
 Delta R.T. -0.123 min  
 Lab File: VN073998.D  
 Acq: 18 Aug 2022 12:32

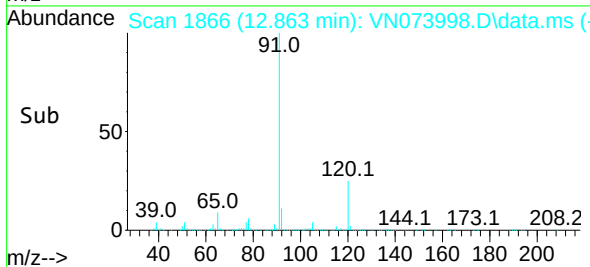
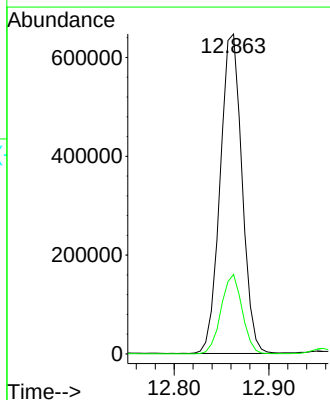
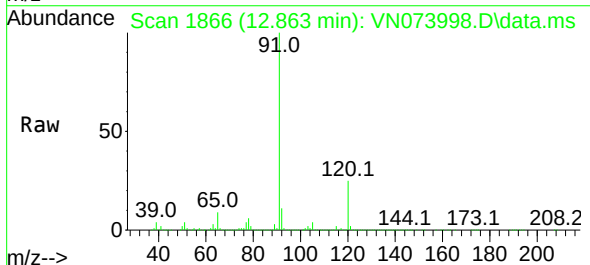
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 MSVOA\_N  
 ClientSampleId :  
 MW-5

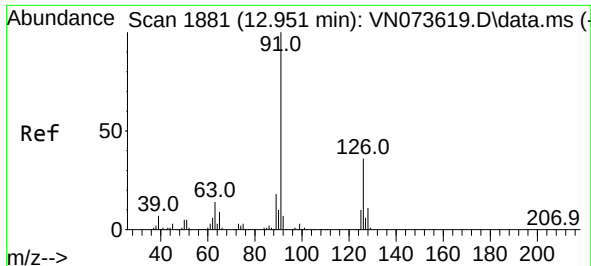
Tgt Ion:156 Resp: 14104  
 Ion Ratio Lower Upper  
 156 100  
 77 30.0 100.5 301.5#  
 158 3.1 48.9 146.6#



#78  
 n-propylbenzene  
 Concen: 24.433 ug/l  
 RT: 12.863 min Scan# 1866  
 Delta R.T. -0.000 min  
 Lab File: VN073998.D  
 Acq: 18 Aug 2022 12:32

Tgt Ion: 91 Resp: 1037716  
 Ion Ratio Lower Upper  
 91 100  
 120 24.0 11.9 35.5

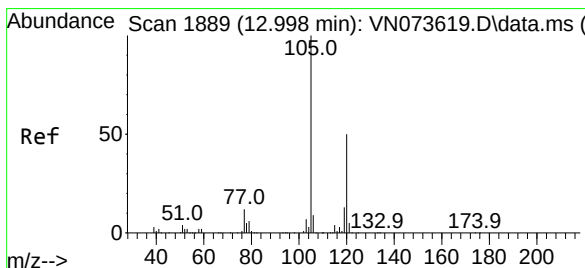
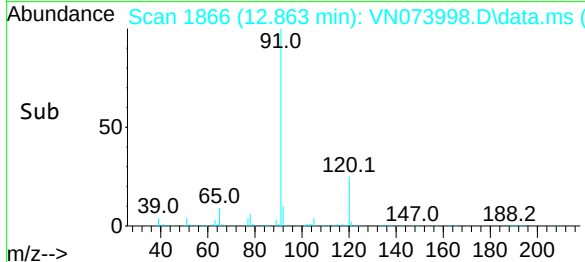
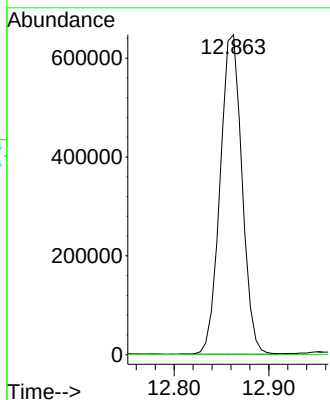
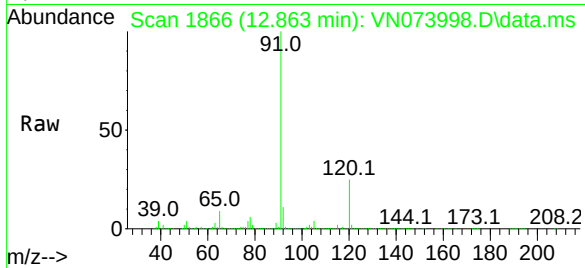




#79  
2-Chlorotoluene  
Concen: 39.207 ug/l  
RT: 12.863 min Scan# 1866  
Delta R.T. -0.088 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

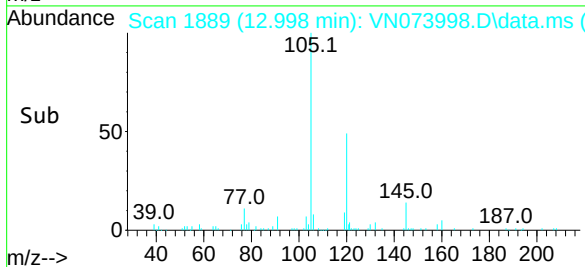
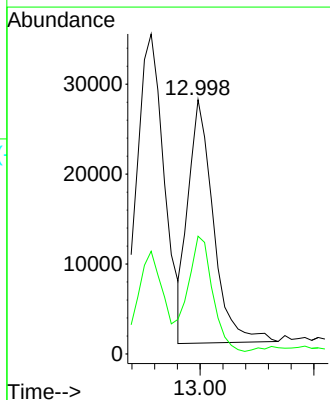
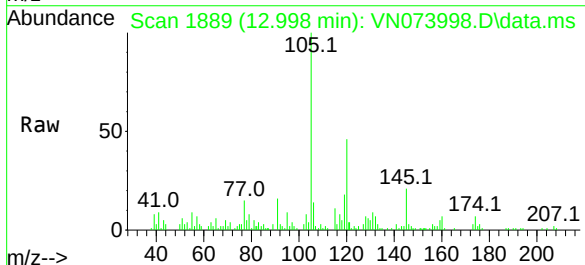
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MSVOA\_N  
ClientSampleId :  
MW-5

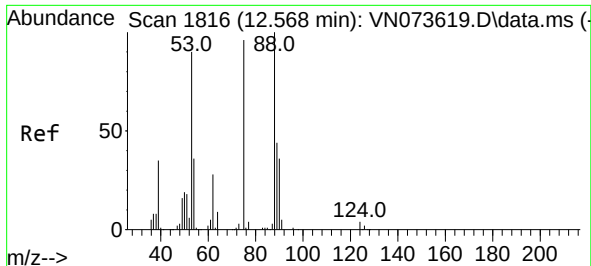
Tgt Ion: 91 Resp: 1037716  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.3 51.9#



#80  
1,3,5-Trimethylbenzene  
Concen: 1.292 ug/l  
RT: 12.998 min Scan# 1889  
Delta R.T. 0.000 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion: 105 Resp: 41864  
Ion Ratio Lower Upper  
105 100  
120 47.6 24.9 74.7

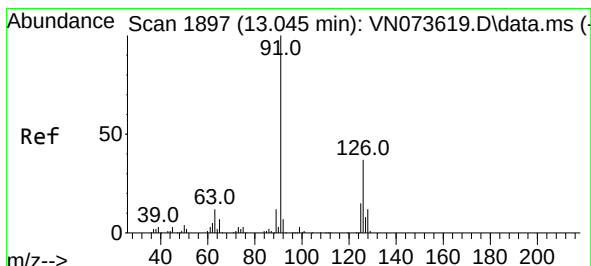
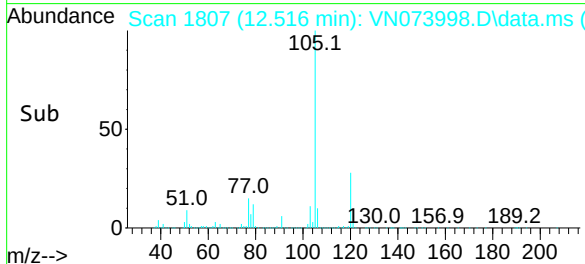
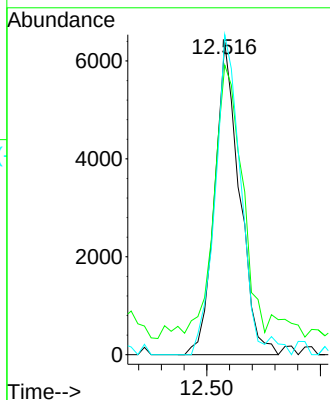
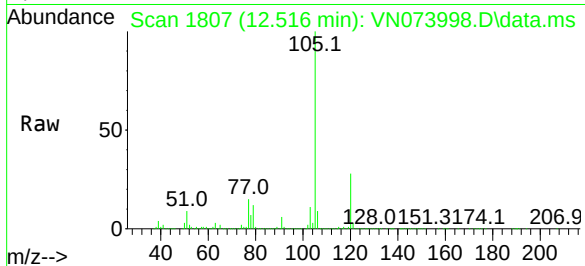




#81  
trans-1,4-Dichloro-2-butene  
Concen: 2.423 ug/l  
RT: 12.516 min Scan# 1807  
Delta R.T. -0.052 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

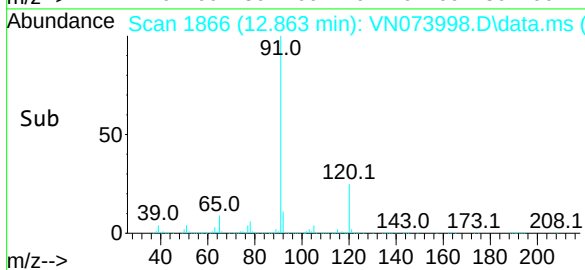
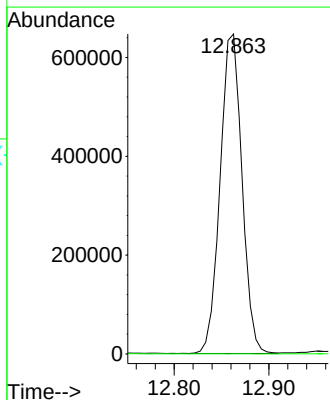
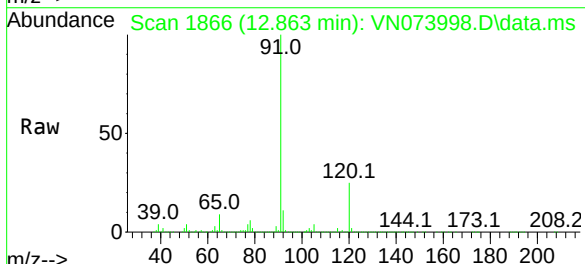
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

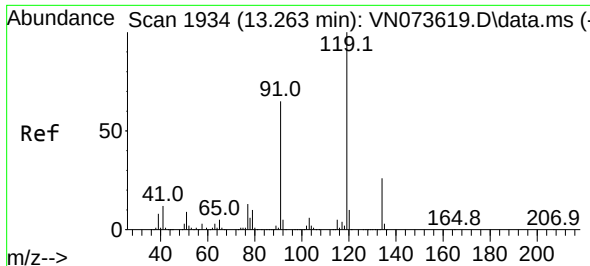
Tgt Ion: 75 Resp: 9690  
Ion Ratio Lower Upper  
75 100  
53 101.7 78.0 117.0  
89 103.5 37.2 55.8#



#82  
4-Chlorotoluene  
Concen: 41.280 ug/l  
RT: 12.863 min Scan# 1866  
Delta R.T. -0.182 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion: 91 Resp: 1037716  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.2 51.6#

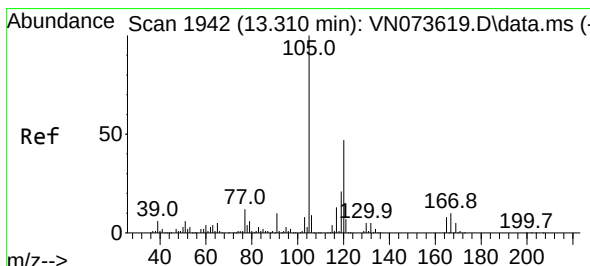
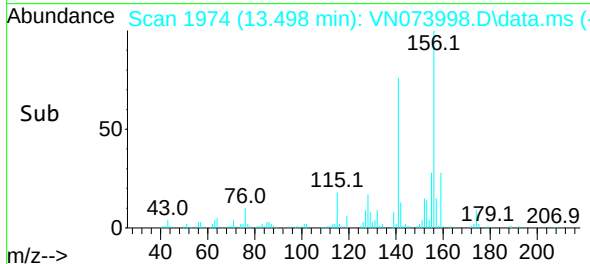
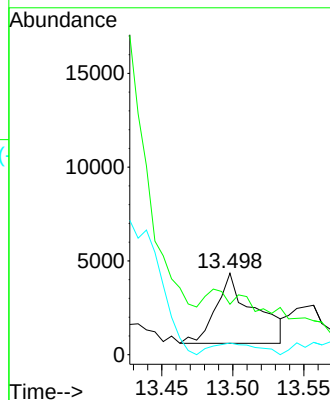
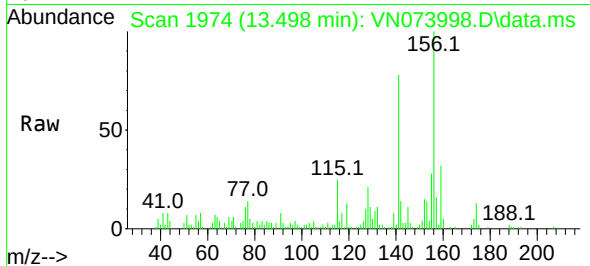




#83  
tert-Butylbenzene  
Concen: 0.233 ug/l  
RT: 13.498 min Scan# 1934  
Delta R.T. 0.235 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

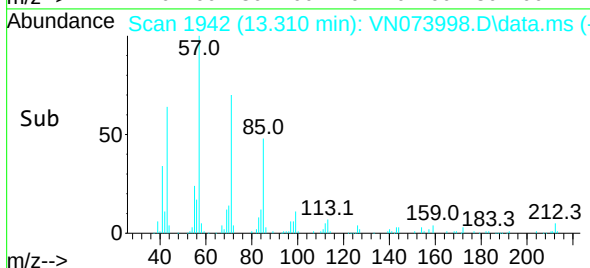
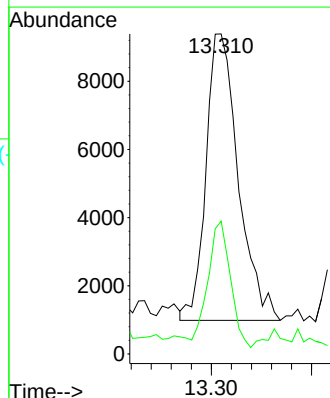
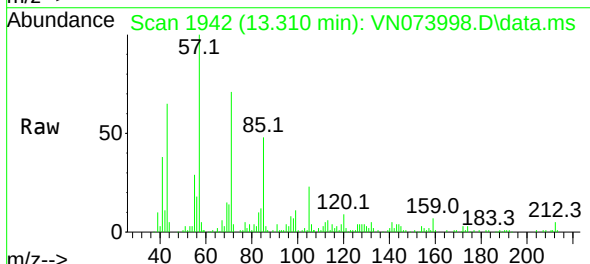
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

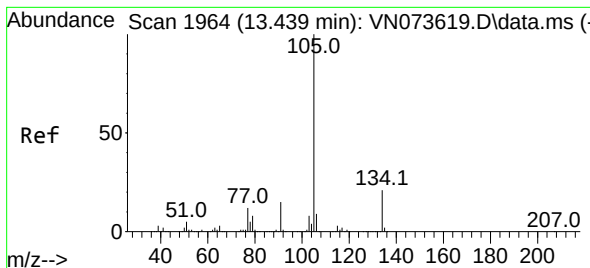
Tgt Ion:119 Resp: 6940  
Ion Ratio Lower Upper  
119 100  
91 50.9 31.6 94.8  
134 20.4 13.7 41.1



#84  
1,2,4-Trimethylbenzene  
Concen: 0.582 ug/l  
RT: 13.310 min Scan# 1942  
Delta R.T. -0.000 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion:105 Resp: 18825  
Ion Ratio Lower Upper  
105 100  
120 30.7 23.3 69.8





#85

sec-Butylbenzene

Concen: 1.052 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073998.D

Acq: 18 Aug 2022 12:32

Instrument :

MSVOA\_N

ClientSampleId :

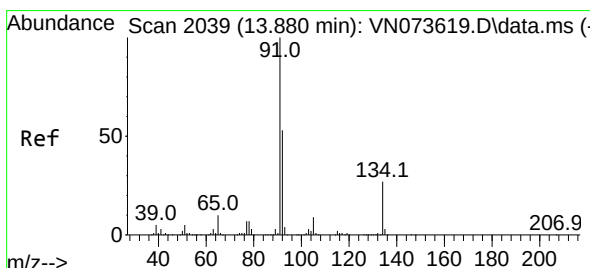
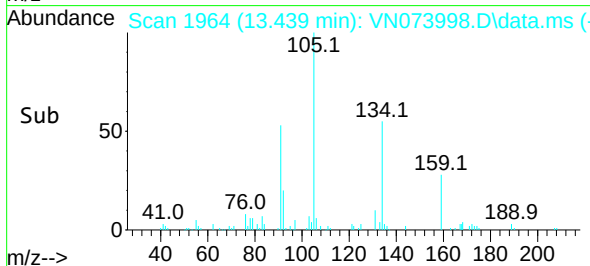
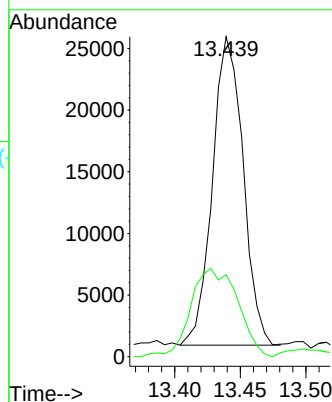
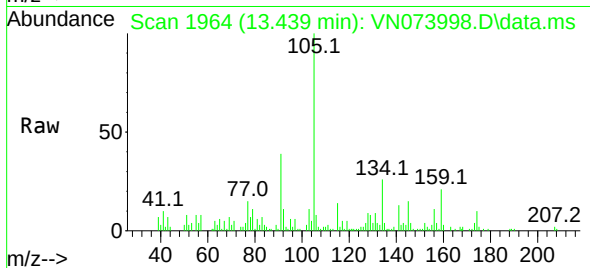
MW-5

Tgt Ion:105 Resp: 40671

Ion Ratio Lower Upper

105 100

134 43.7 10.4 31.1#



#89

n-Butylbenzene

Concen: 1.486 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073998.D

Acq: 18 Aug 2022 12:32

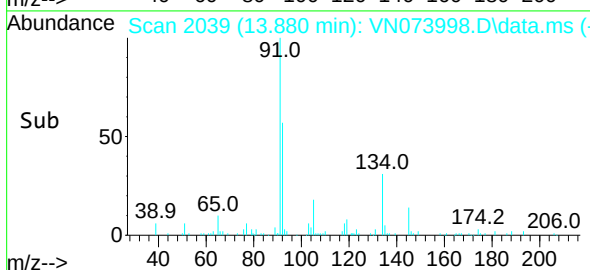
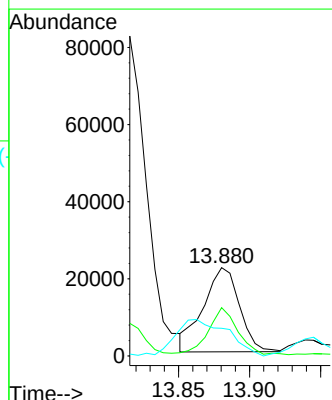
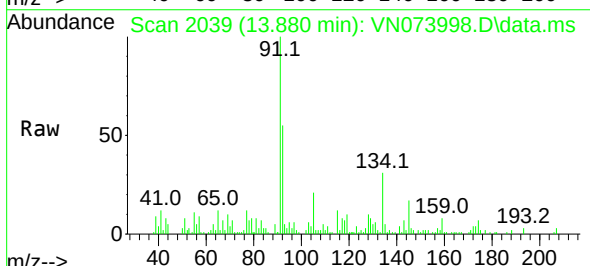
Tgt Ion: 91 Resp: 38760

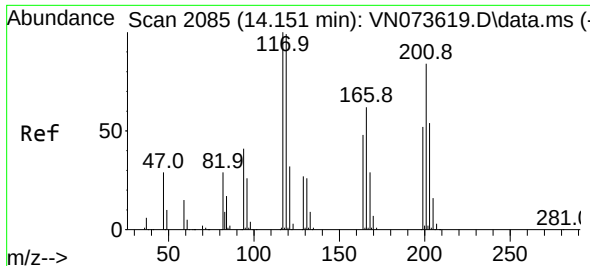
Ion Ratio Lower Upper

91 100

92 45.4 26.9 80.7

134 62.7 13.6 40.8#

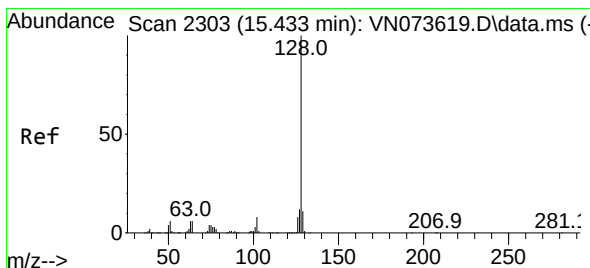
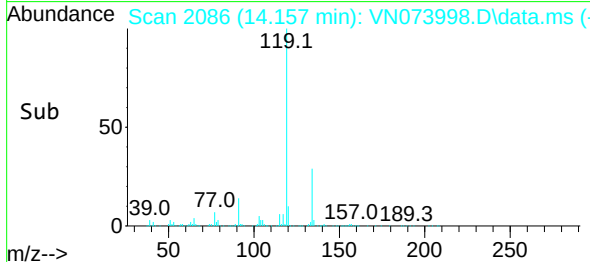
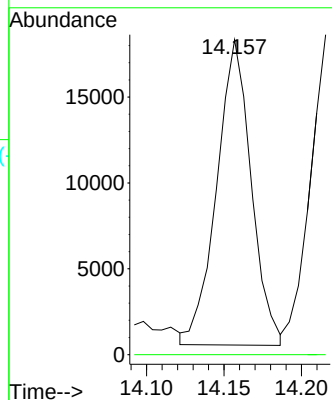
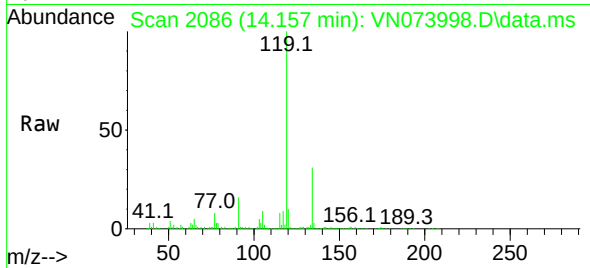




#90  
Hexachloroethane  
Concen: 4.565 ug/l  
RT: 14.157 min Scan# 2086  
Delta R.T. 0.006 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-5

Tgt Ion:117 Resp: 27481  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.6 122.0#



#95  
Naphthalene  
Concen: 4.529 ug/l  
RT: 15.433 min Scan# 2303  
Delta R.T. 0.000 min  
Lab File: VN073998.D  
Acq: 18 Aug 2022 12:32

Tgt Ion:128 Resp: 173548  
Ion Ratio Lower Upper  
128 100  
127 14.0 10.3 15.5  
129 14.4 8.6 13.0#

