

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090922\  
 Data File : VN074383.D  
 Acq On : 09 Sep 2022 19:20  
 Operator : JC\MD  
 Sample : N4471-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-11A-11-16-083022

Quant Time: Sep 10 07:25:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090922W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 10 06:10:29 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 8.016  | 168   | 363833   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.904  | 114   | 640130   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.686 | 117   | 623812   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.616 | 152   | 293483   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.375  | 65    | 258568   | 41.076    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 82.160%  |
| 35) Dibromofluoromethane      | 7.951  | 113   | 215690   | 49.911    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 99.820%  |
| 50) Toluene-d8                | 10.380 | 98    | 722506   | 42.908    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 85.820%# |
| 62) 4-Bromofluorobenzene      | 12.674 | 95    | 306072   | 50.065    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 100.120% |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.999  | 85    | 42308    | 8.973     | ug/l   | 97       |
| 3) Chloromethane              | 2.263  | 50    | 1737     | Below Cal |        | 93       |
| 4) Vinyl Chloride             | 2.405  | 62    | 539743   | 68.519    | ug/l   | 95       |
| 5) Bromomethane               | 2.793  | 94    | 1367     | 0.248     | ug/l # | 31       |
| 6) Chloroethane               | 2.687  | 64    | 35712    | 3.280     | ug/l # | 56       |
| 9) 1,1,2-Trichlorotrifluo...  | 4.146  | 101   | 337308   | 72.369    | ug/l   | 98       |
| 11) Tert butyl alcohol        | 5.293  | 59    | 533      | 0.324     | ug/l   | 99       |
| 12) 1,1-Dichloroethene        | 4.122  | 96    | 26287    | 5.796     | ug/l # | 77       |
| 13) Acrolein                  | 3.963  | 56    | 293      | 0.268     | ug/l # | 27       |
| 16) Acetone                   | 4.251  | 43    | 4271     | 1.257     | ug/l # | 65       |
| 20) Methylene Chloride        | 5.022  | 84    | 654      | Below Cal | #      | 37       |
| 21) trans-1,2-Dichloroethene  | 5.516  | 96    | 22860    | 4.498     | ug/l   | 96       |
| 24) 1,1-Dichloroethane        | 6.310  | 63    | 33148    | 3.221     | ug/l # | 90       |
| 25) 2-Butanone                | 7.245  | 43    | 2535     | 0.444     | ug/l # | 1        |
| 27) cis-1,2-Dichloroethene    | 7.251  | 96    | 7471304  | 1193.247  | ug/l   | 90       |
| 29) Tetrahydrofuran           | 7.616  | 42    | 17394    | 4.613     | ug/l # | 92       |
| 30) Chloroform                | 7.745  | 83    | 3167     | 0.308     | ug/l   | 91       |
| 31) Cyclohexane               | 8.016  | 56    | 11688    | 1.167     | ug/l # | 49       |
| 36) 1,1-Dichloropropene       | 8.016  | 75    | 34382    | 4.829     | ug/l # | 52       |
| 38) Carbon Tetrachloride      | 8.016  | 117   | 38039    | 5.175     | ug/l # | 13       |
| 39) Methylcyclohexane         | 9.151  | 83    | 110957   | 12.297    | ug/l # | 1        |
| 40) Benzene                   | 8.392  | 78    | 12593    | 0.578     | ug/l # | 78       |
| 41) Methacrylonitrile         | 7.610  | 41    | 11461    | 2.236     | ug/l # | 48       |
| 42) 1,2-Dichloroethane        | 8.463  | 62    | 3125     | 0.375     | ug/l   | 89       |
| 44) Trichloroethene           | 9.151  | 130   | 7622019  | 1559.699  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.151  | 63    | 25053    | 4.330     | ug/l # | 1        |
| 49) 1,4-Dioxane               | 9.510  | 88    | 1215     | 7.746     | ug/l # | 58       |
| 55) 1,1,2-Trichloroethane     | 10.833 | 97    | 4296     | 0.773     | ug/l # | 62       |
| 59) 2-Hexanone                | 11.028 | 43    | 1924     | 0.226     | ug/l   | 72       |
| 60) Dibromochloromethane      | 10.916 | 129   | 41232    | 7.329     | ug/l # | 11       |
| 64) Tetrachloroethene         | 10.922 | 164   | 43648    | 10.321    | ug/l   | 94       |
| 71) Bromoform                 | 12.669 | 173   | 1890     | 0.429     | ug/l # | 29       |
| 74) N-amyl acetate            | 12.339 | 43    | 992      | Below Cal | #      | 50       |
| 76) 1,2,3-Trichloropropane    | 12.674 | 75    | 183128   | 23.869    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.674 | 75    | 183128   | 53.204    | ug/l # | 9        |
| 88) 1,4-Dichlorobenzene       | 13.627 | 146   | 2511     | 0.222     | ug/l # | 1        |

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Sample : N4471-03  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-11A-11-16-083022

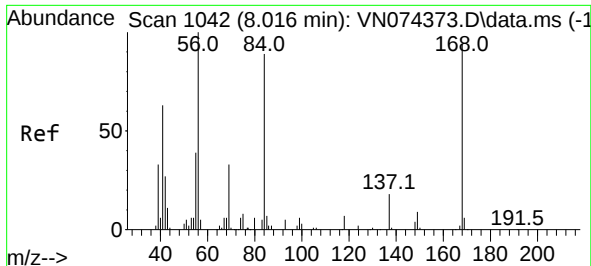
Quant Time: Sep 10 07:25:23 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090922W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 10 06:10:29 2022  
Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc       | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------------|-------|----------|
| 92) 1,2-Dibromo-3-Chloropr... | 14.498 | 75   | 59       | Below Cal  | #     | 8        |
| 95) Naphthalene               | 15.439 | 128  | 5048     | 0.220 ug/l | #     | 78       |

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

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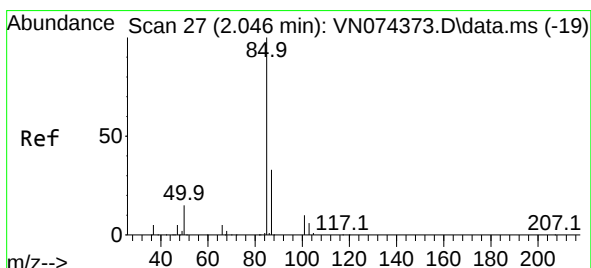
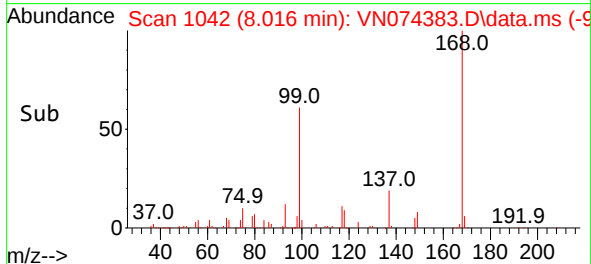
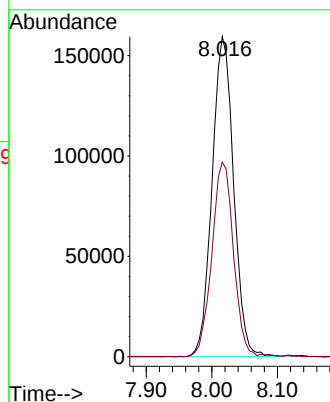
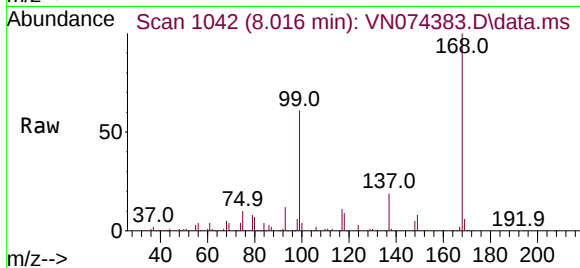




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

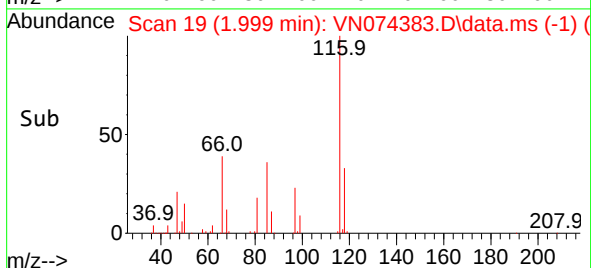
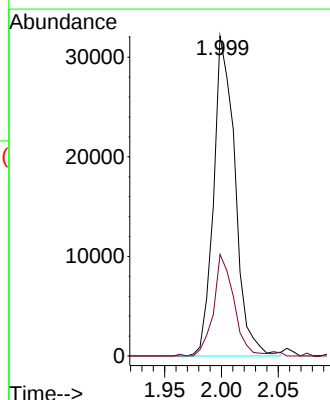
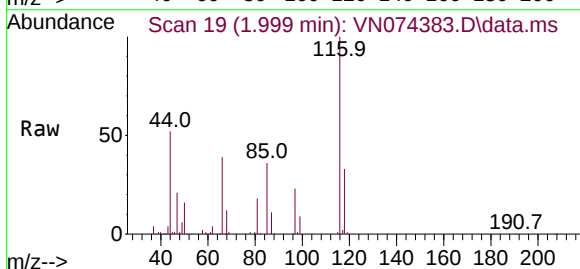
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-11A-11-16-083022

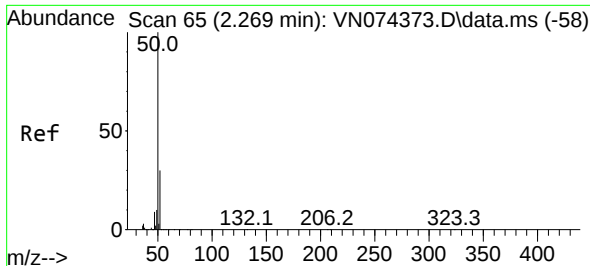
Tgt Ion:168 Resp: 363833  
Ion Ratio Lower Upper  
168 100  
99 60.7 52.8 79.2



#2  
Dichlorodifluoromethane  
Concen: 8.973 ug/l  
RT: 1.999 min Scan# 19  
Delta R.T. -0.047 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

Tgt Ion: 85 Resp: 42308  
Ion Ratio Lower Upper  
85 100  
87 31.2 16.4 49.2

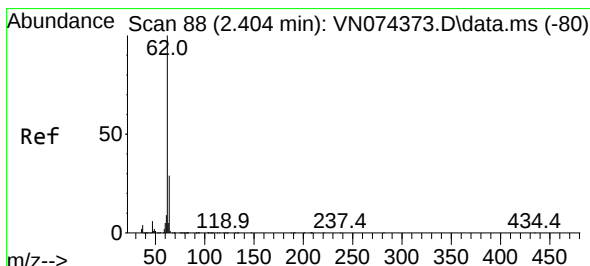
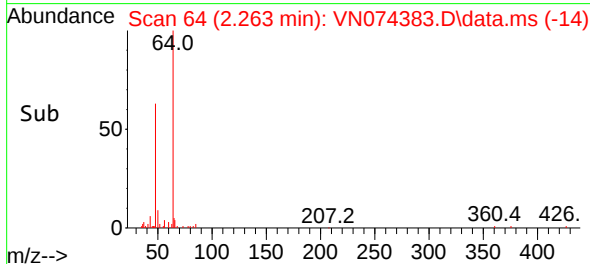
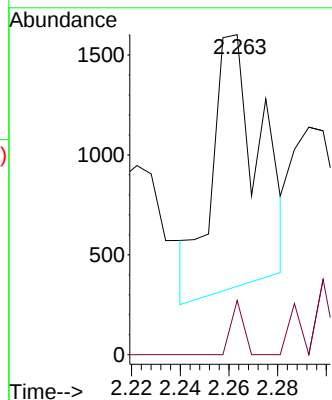
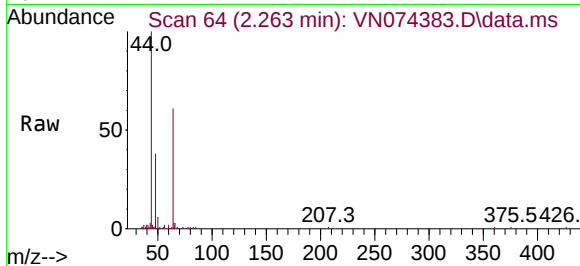




#3  
Chloromethane  
Concen: Below Cal  
RT: 2.263 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

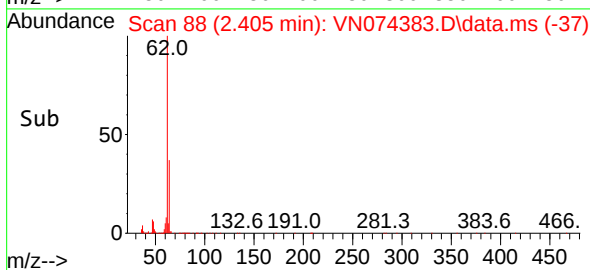
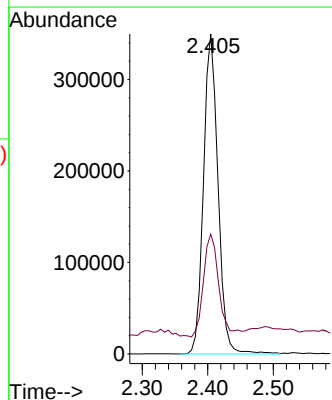
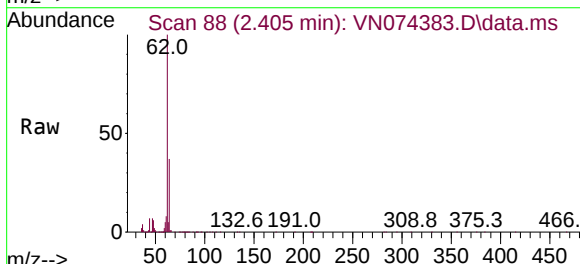
Instrument :  
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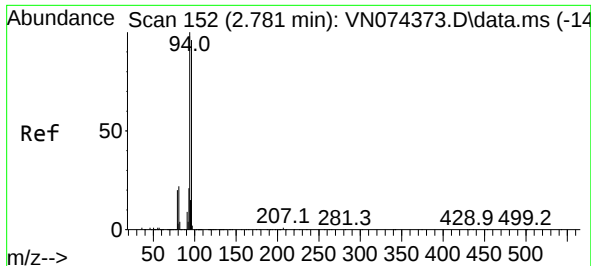
Tgt Ion: 50 Resp: 1737  
Ion Ratio Lower Upper  
50 100  
52 26.4 24.1 36.1



#4  
Vinyl Chloride  
Concen: 68.519 ug/l  
RT: 2.405 min Scan# 88  
Delta R.T. 0.000 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

Tgt Ion: 62 Resp: 539743  
Ion Ratio Lower Upper  
62 100  
64 31.9 23.5 35.3

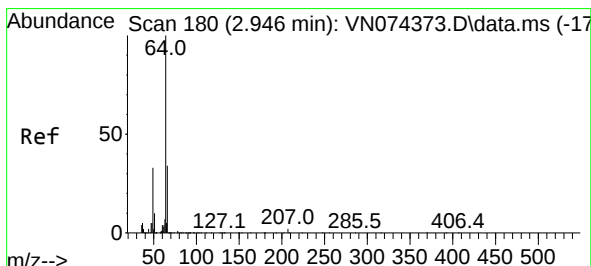
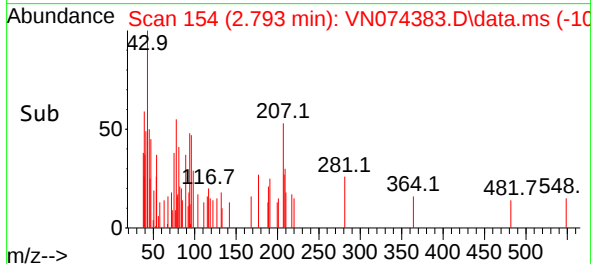
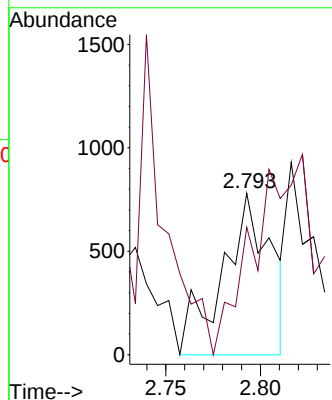
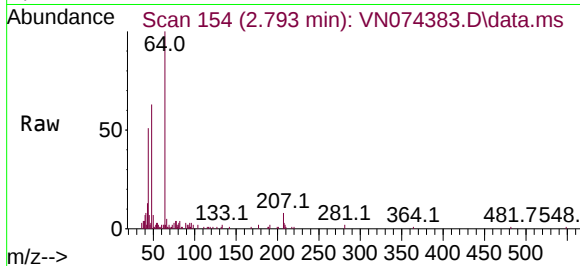




#5  
Bromomethane  
Concen: 0.248 ug/l  
RT: 2.793 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

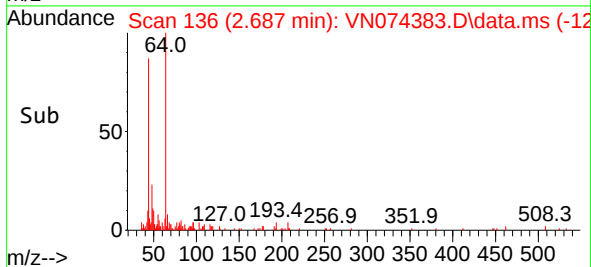
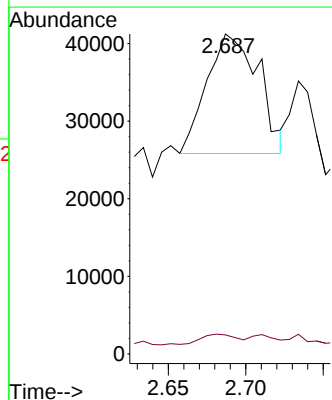
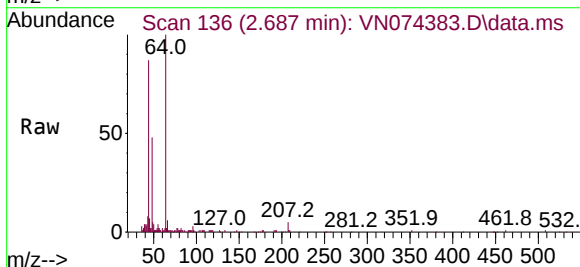
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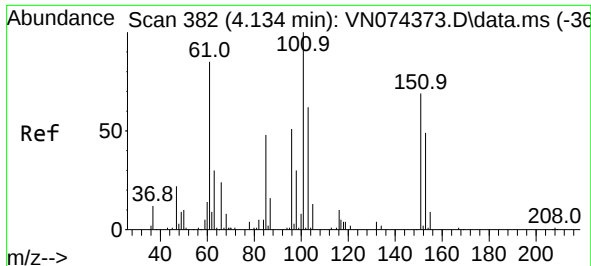
Tgt Ion: 94 Resp: 1367  
Ion Ratio Lower Upper  
94 100  
96 28.7 76.7 115.1#



#6  
Chloroethane  
Concen: 3.280 ug/l  
RT: 2.687 min Scan# 136  
Delta R.T. -0.259 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

Tgt Ion: 64 Resp: 35712  
Ion Ratio Lower Upper  
64 100  
66 8.0 26.5 39.7#

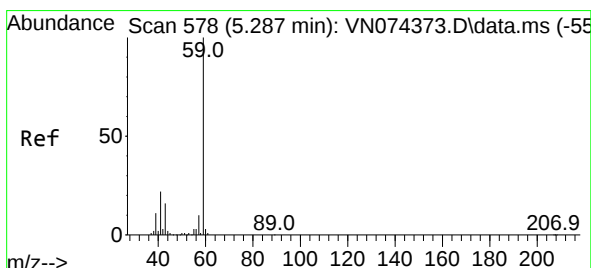
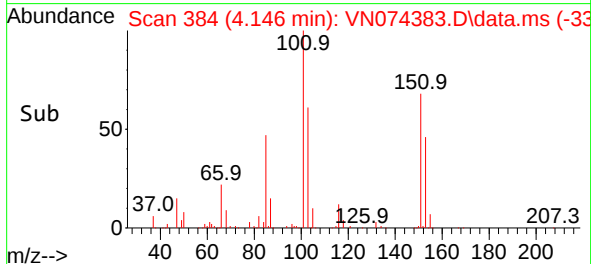
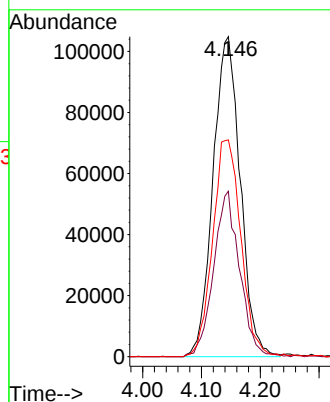
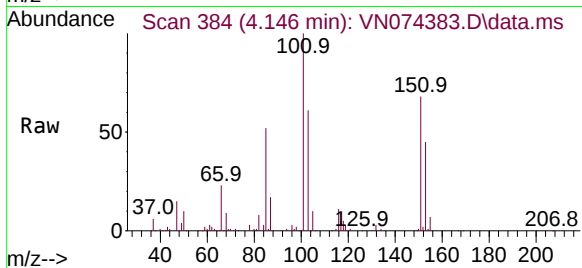




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 72.369 ug/l  
RT: 4.146 min Scan# 382  
Delta R.T. 0.012 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

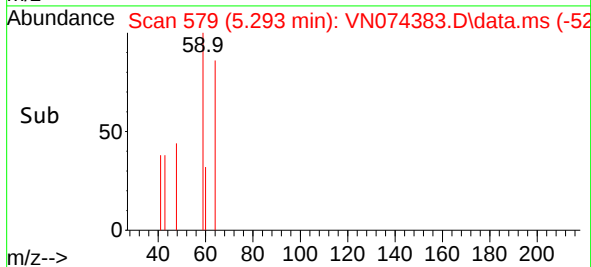
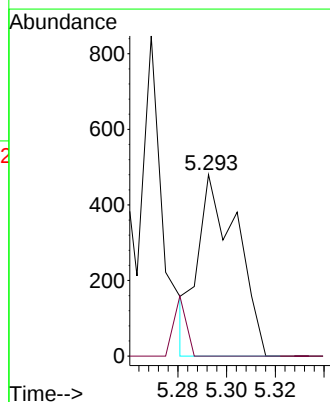
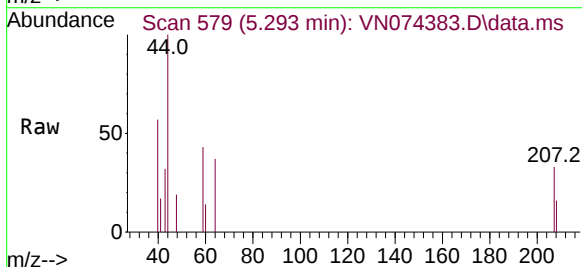
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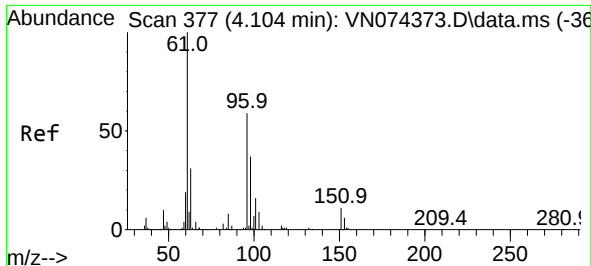
Tgt Ion:101 Resp: 337308  
Ion Ratio Lower Upper  
101 100  
85 49.2 39.5 59.3  
151 70.2 57.8 86.6



#11  
Tert butyl alcohol  
Concen: 0.324 ug/l  
RT: 5.293 min Scan# 579  
Delta R.T. 0.006 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

Tgt Ion: 59 Resp: 533  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.8 13.2





#12

1,1-Dichloroethene

Concen: 5.796 ug/l

RT: 4.122 min Scan# 3

Delta R.T. 0.018 min

Lab File: VN074383.D

Acq: 09 Sep 2022 19:20

Instrument :

MSVOA\_N

ClientSampleId :

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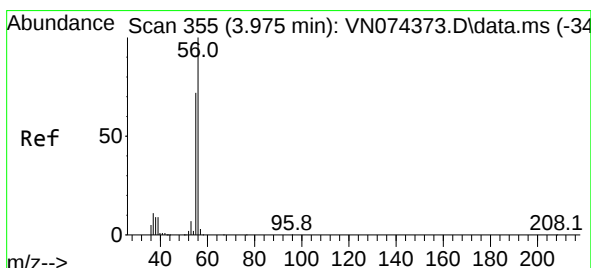
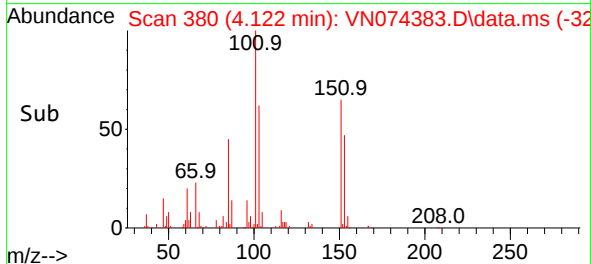
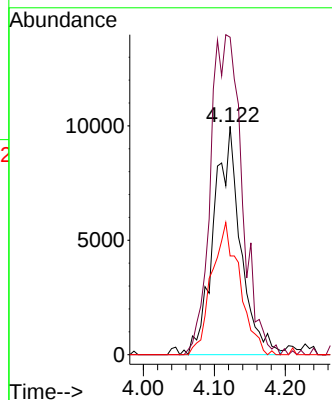
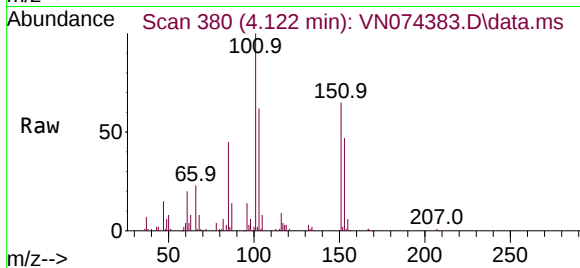
Tgt Ion: 96 Resp: 26287

Ion Ratio Lower Upper

96 100

61 139.1 134.7 202.1

98 43.2 50.2 75.4#



#13

Acrolein

Concen: 0.268 ug/l

RT: 3.963 min Scan# 353

Delta R.T. -0.012 min

Lab File: VN074383.D

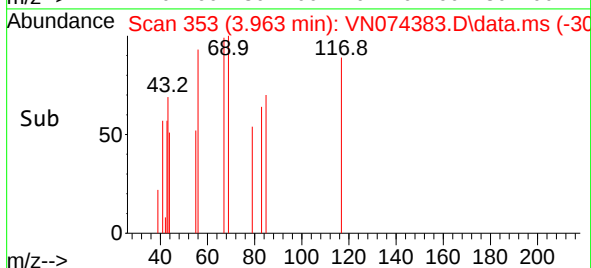
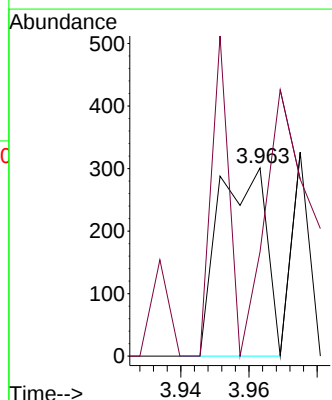
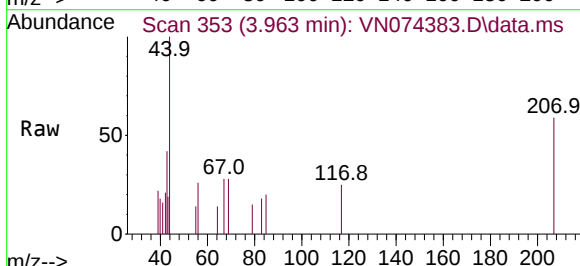
Acq: 09 Sep 2022 19:20

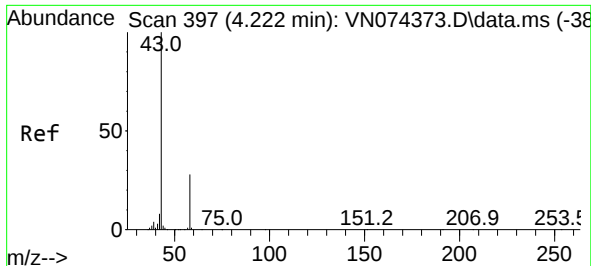
Tgt Ion: 56 Resp: 293

Ion Ratio Lower Upper

56 100

55 130.0 56.2 84.4#

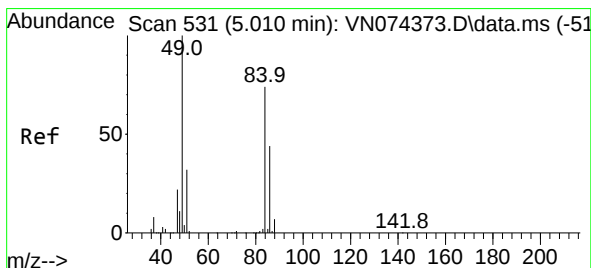
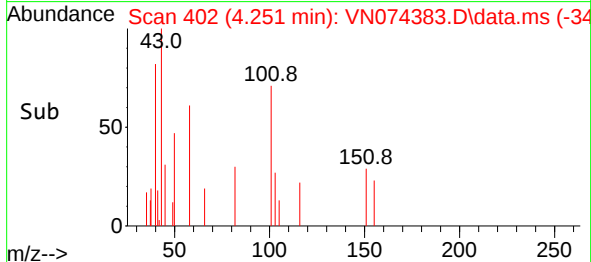
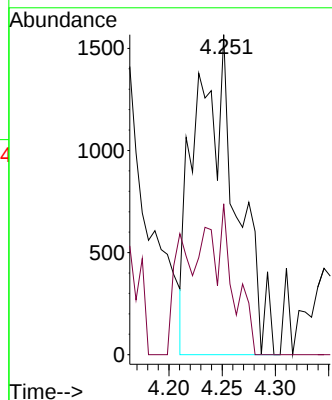
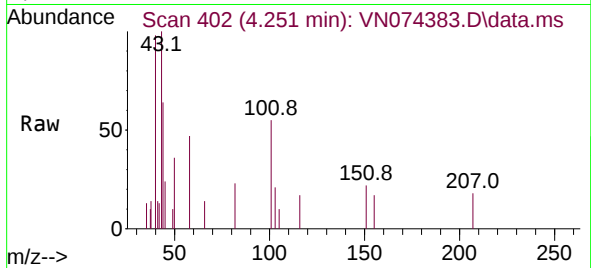




#16  
Acetone  
Concen: 1.257 ug/l  
RT: 4.251 min Scan# 402  
Delta R.T. 0.030 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

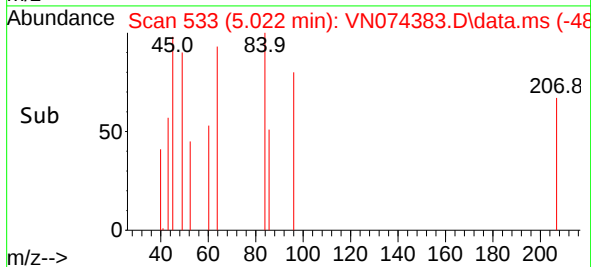
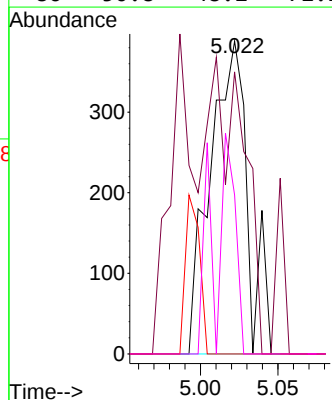
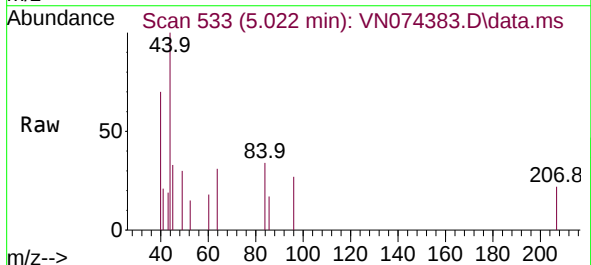
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ClientSampleId :  
MW-11A-11-16-083022

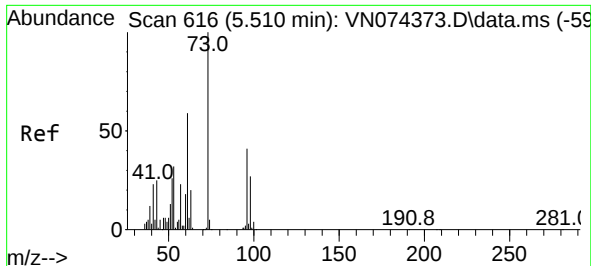
Tgt Ion: 43 Resp: 4271  
Ion Ratio Lower Upper  
43 100  
58 47.2 22.7 34.1#



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 5.022 min Scan# 533  
Delta R.T. 0.012 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

Tgt Ion: 84 Resp: 654  
Ion Ratio Lower Upper  
84 100  
49 34.0 108.2 162.4#  
51 0.0 34.3 51.5#  
86 50.8 48.2 72.2

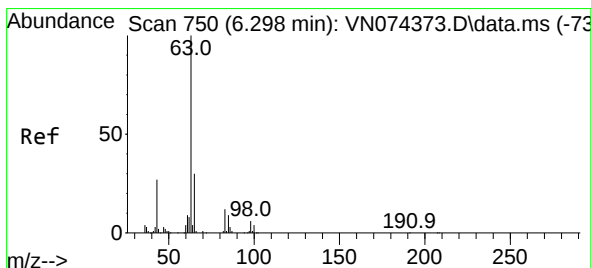
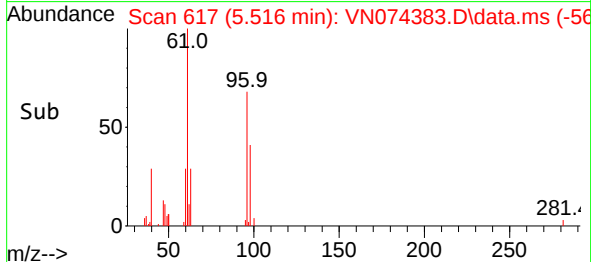
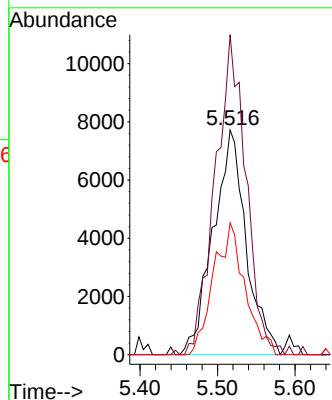
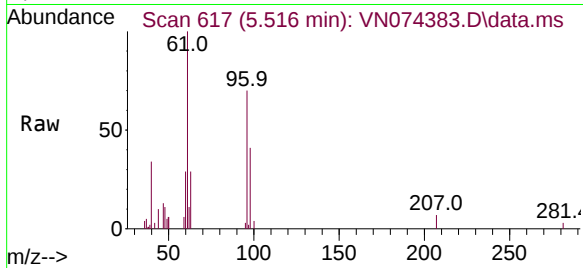




#21  
trans-1,2-Dichloroethene  
Concen: 4.498 ug/l  
RT: 5.516 min Scan# 616  
Delta R.T. 0.006 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

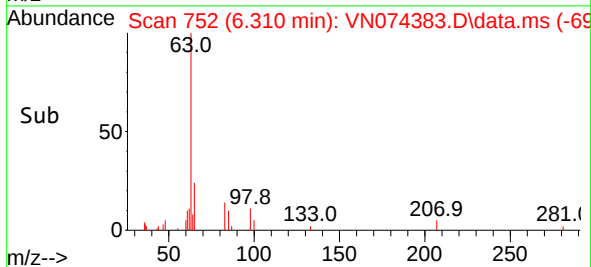
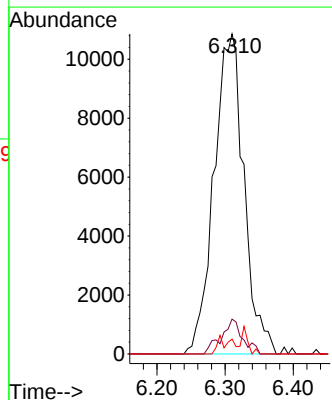
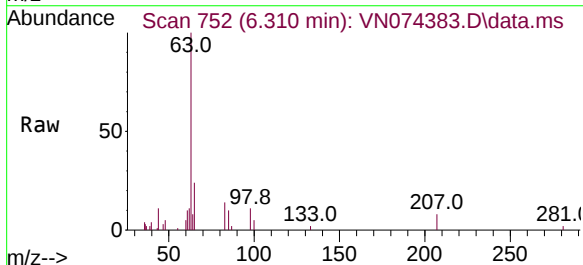
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-11A-11-16-083022

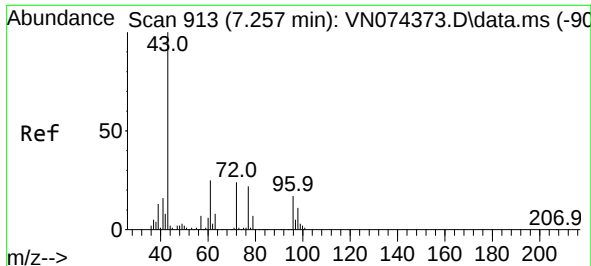
Tgt Ion: 96 Resp: 22860  
Ion Ratio Lower Upper  
96 100  
61 142.5 115.3 172.9  
98 58.7 53.4 80.0



#24  
1,1-Dichloroethane  
Concen: 3.221 ug/l  
RT: 6.310 min Scan# 752  
Delta R.T. 0.012 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

Tgt Ion: 63 Resp: 33148  
Ion Ratio Lower Upper  
63 100  
98 10.9 2.9 8.6#  
100 4.6 2.0 5.8

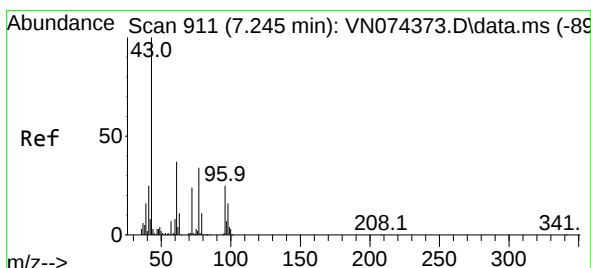
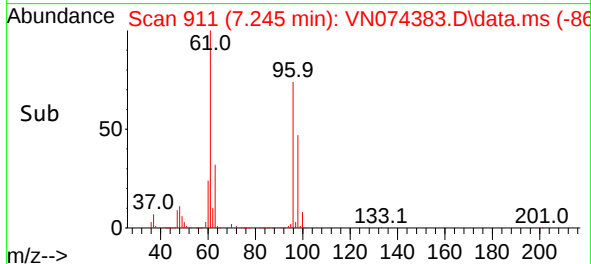
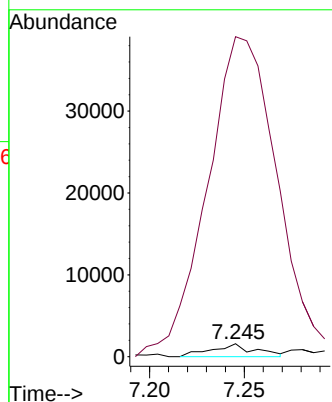
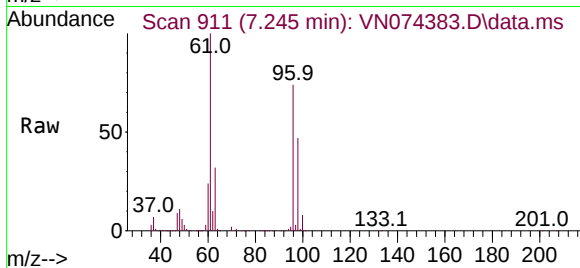




#25  
2-Butanone  
Concen: 0.444 ug/l  
RT: 7.245 min Scan# 911  
Delta R.T. -0.012 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

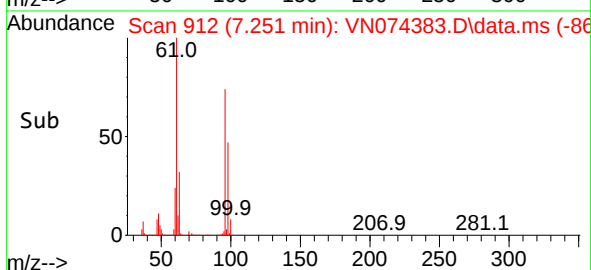
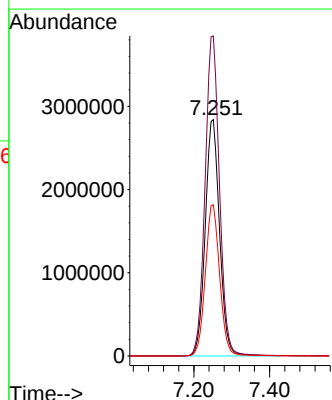
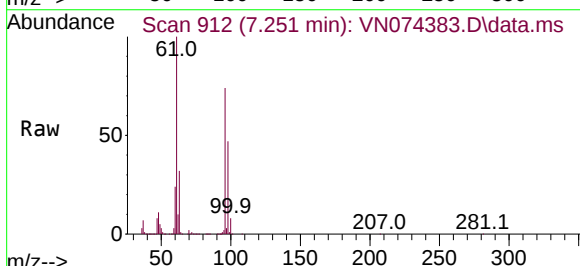
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-11A-11-16-083022

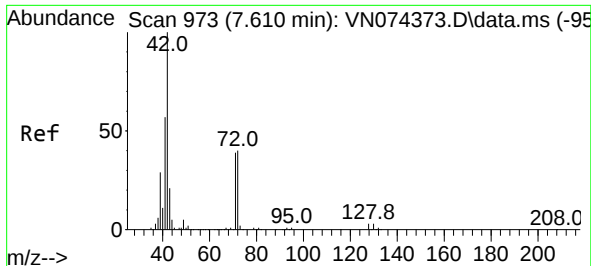
Tgt Ion: 43 Resp: 2535  
Ion Ratio Lower Upper  
43 100  
72 2070.3 18.9 28.3#



#27  
cis-1,2-Dichloroethene  
Concen: 1193.247 ug/l  
RT: 7.251 min Scan# 912  
Delta R.T. 0.006 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

Tgt Ion: 96 Resp: 7471304  
Ion Ratio Lower Upper  
96 100  
61 135.8 0.0 306.2  
98 64.2 0.0 129.8





#29

Tetrahydrofuran

Concen: 4.613 ug/l

RT: 7.616 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074383.D

Acq: 09 Sep 2022 19:20

Instrument :

MSVOA\_N

ClientSampleId :

MW-11A-11-16-083022

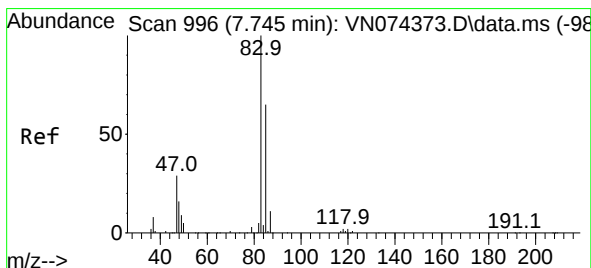
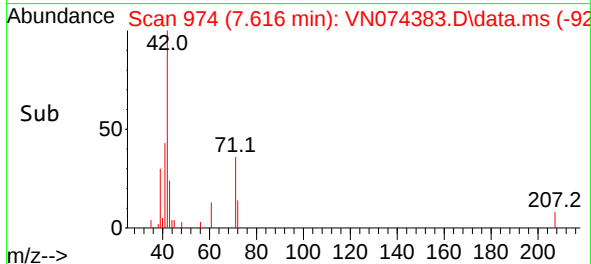
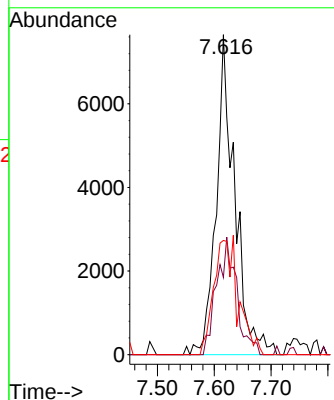
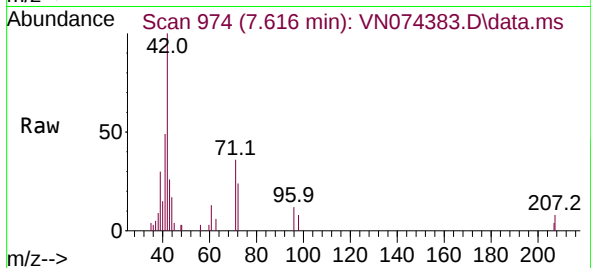
Tgt Ion: 42 Resp: 17394

Ion Ratio Lower Upper

42 100

72 39.4 32.7 49.1

71 47.1 31.0 46.6#



#30

Chloroform

Concen: 0.308 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN074383.D

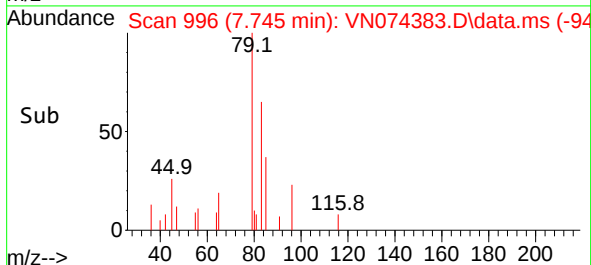
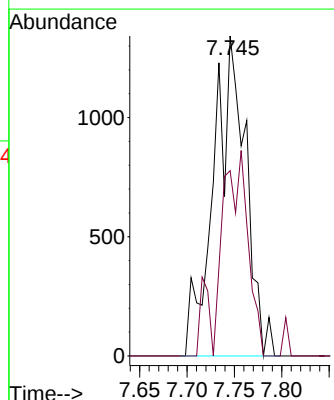
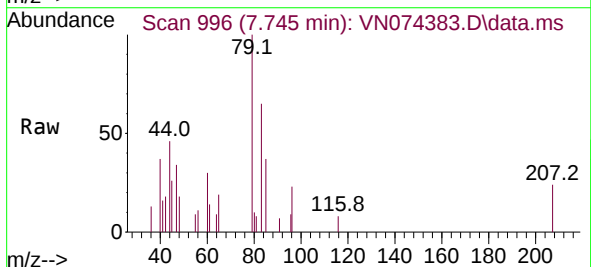
Acq: 09 Sep 2022 19:20

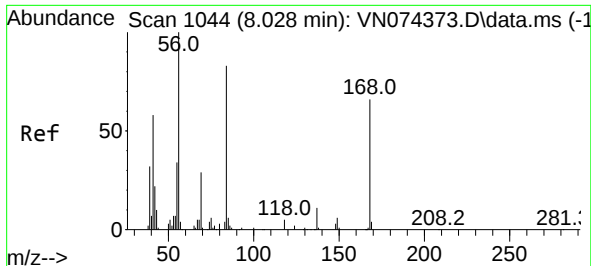
Tgt Ion: 83 Resp: 3167

Ion Ratio Lower Upper

83 100

85 57.9 51.8 77.6

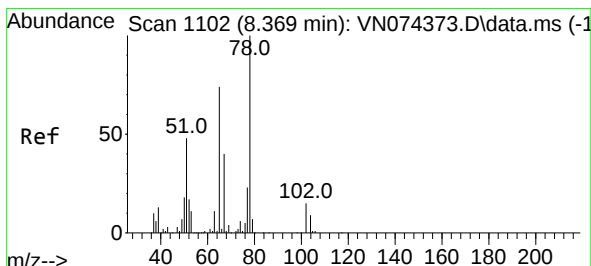
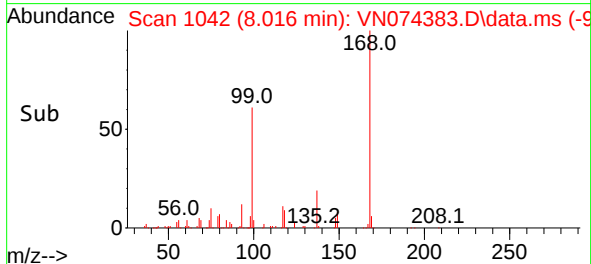
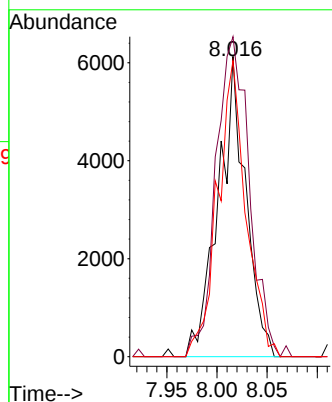
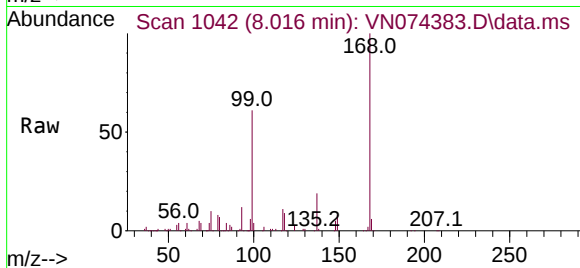




#31  
Cyclohexane  
Concen: 1.167 ug/l  
RT: 8.016 min Scan# 1103  
Delta R.T. -0.012 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

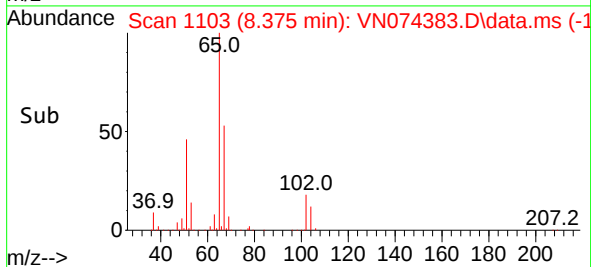
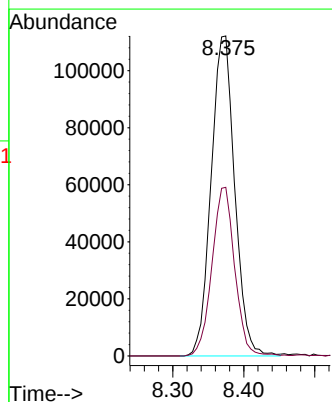
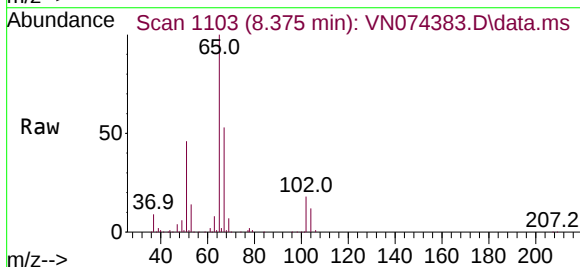
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-11A-11-16-083022

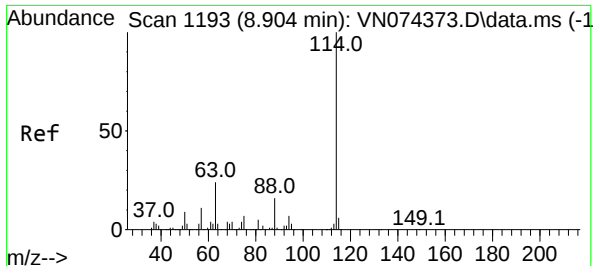
Tgt Ion: 56 Resp: 11688  
Ion Ratio Lower Upper  
56 100  
69 106.6 23.0 34.4#  
84 98.6 66.3 99.5



#33  
1,2-Dichloroethane-d4  
Concen: 41.076 ug/l  
RT: 8.375 min Scan# 1103  
Delta R.T. 0.006 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

Tgt Ion: 65 Resp: 258568  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074383.D

Acq: 09 Sep 2022 19:20

Instrument :

MSVOA\_N

ClientSampleId :

MW-11A-11-16-083022

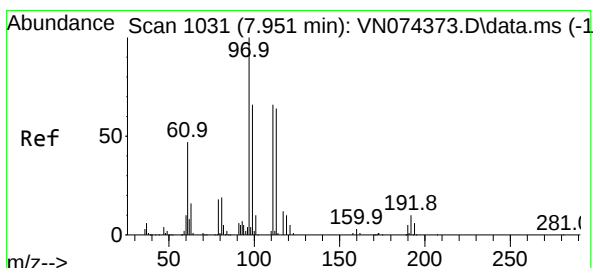
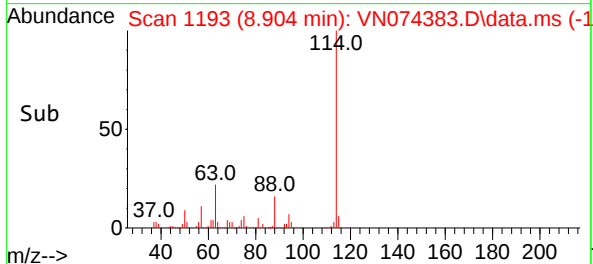
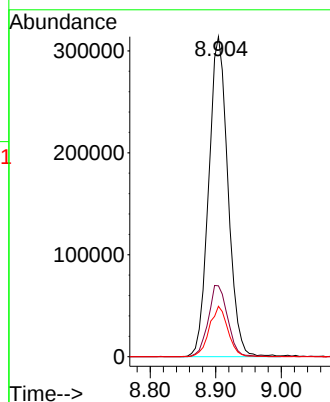
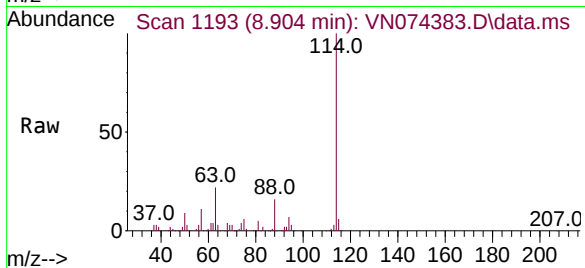
Tgt Ion:114 Resp: 640130

Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.6

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.911 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074383.D

Acq: 09 Sep 2022 19:20

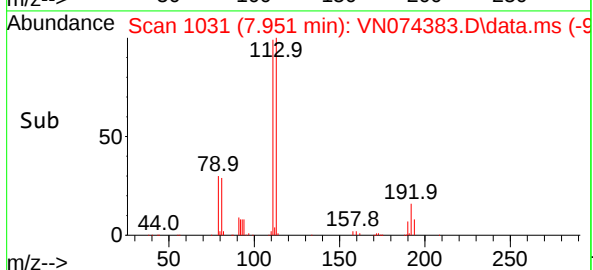
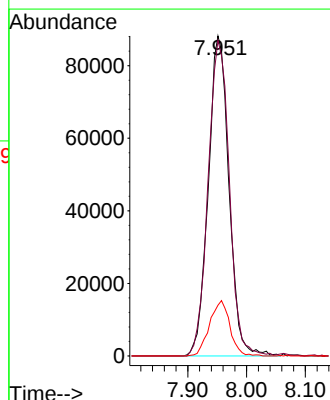
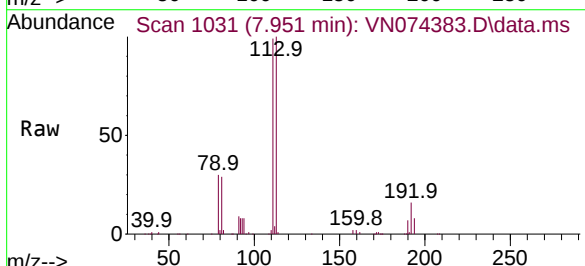
Tgt Ion:113 Resp: 215690

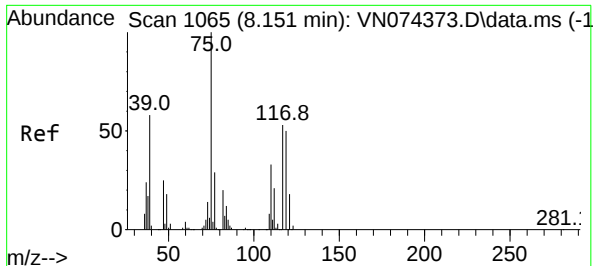
Ion Ratio Lower Upper

113 100

111 101.1 83.0 124.4

192 17.0 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.829 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074383.D

Acq: 09 Sep 2022 19:20

Instrument :

MSVOA\_N

ClientSampleId :

MW-11A-11-16-083022

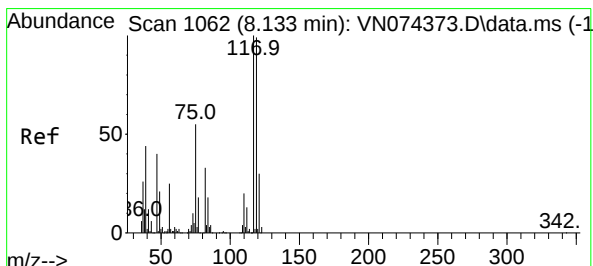
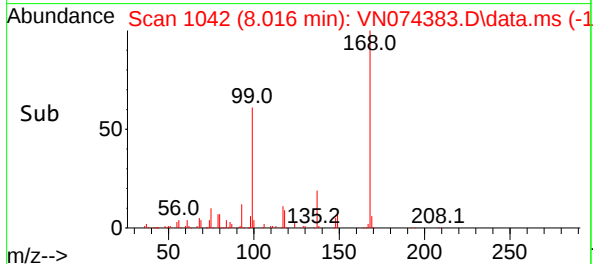
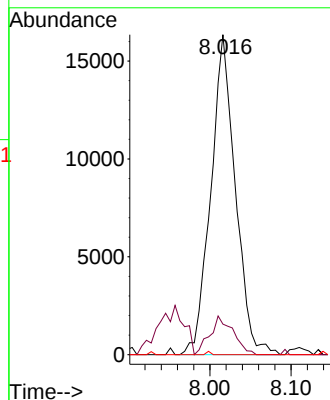
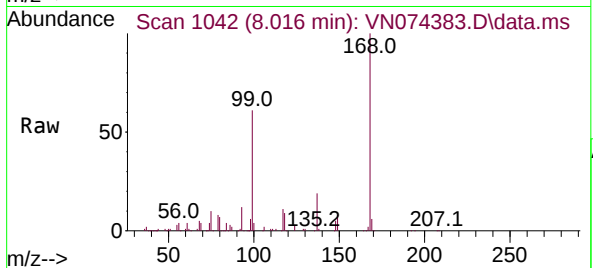
Tgt Ion: 75 Resp: 34382

Ion Ratio Lower Upper

75 100

110 11.2 16.4 49.1#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.175 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN074383.D

Acq: 09 Sep 2022 19:20

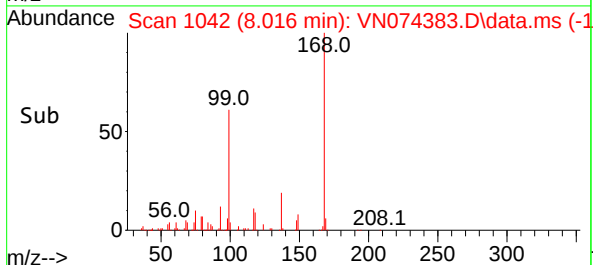
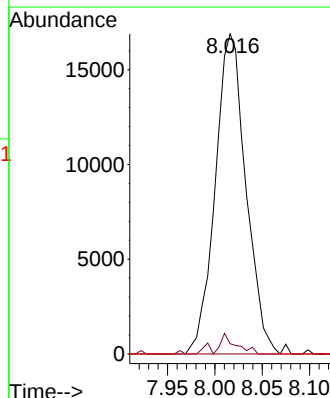
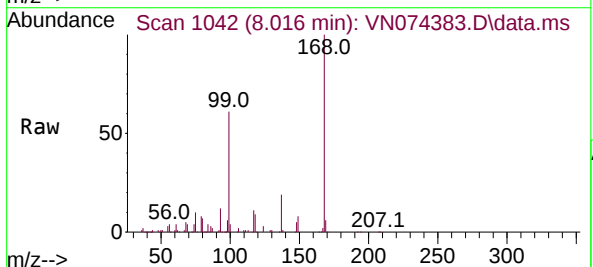
Tgt Ion: 117 Resp: 38039

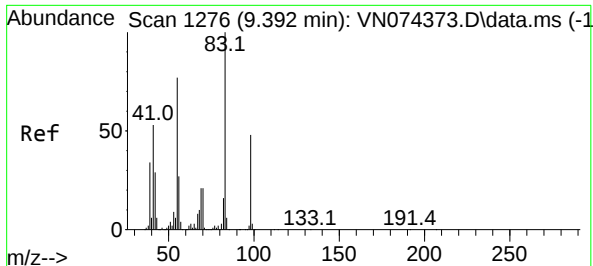
Ion Ratio Lower Upper

117 100

119 3.2 78.8 118.2#

121 0.0 24.1 36.1#





#39

Methylcyclohexane

Concen: 12.297 ug/l

RT: 9.151 min Scan# 110957

Delta R.T. -0.241 min

Lab File: VN074383.D

Acq: 09 Sep 2022 19:20

Instrument :

MSVOA\_N

ClientSampleId :

MW-11A-11-16-083022

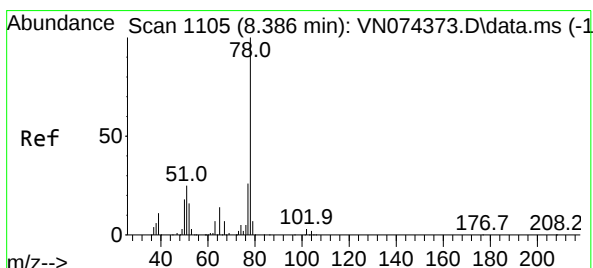
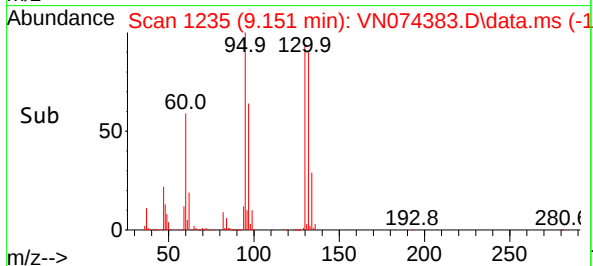
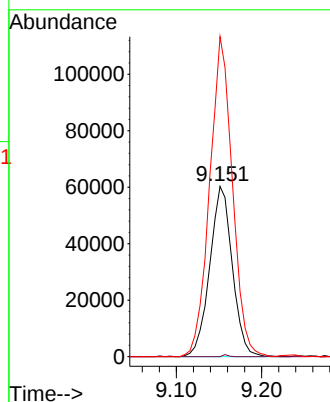
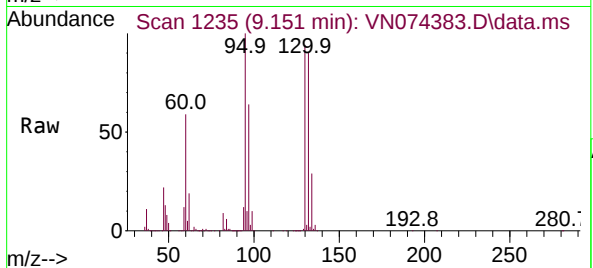
Tgt Ion: 83 Resp: 110957

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

98 187.9 38.5 57.7#



#40

Benzene

Concen: 0.578 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN074383.D

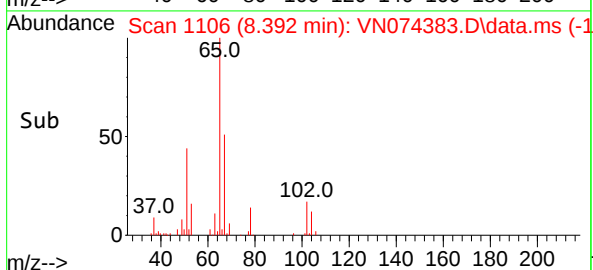
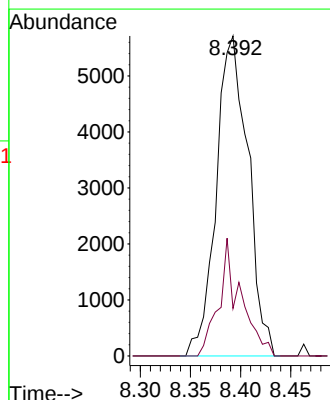
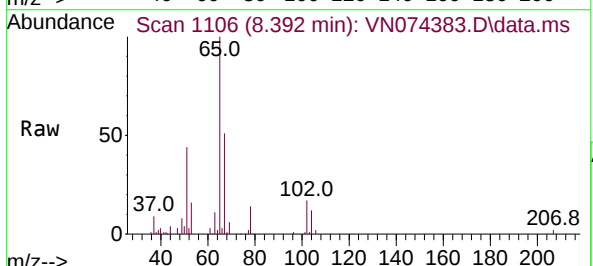
Acq: 09 Sep 2022 19:20

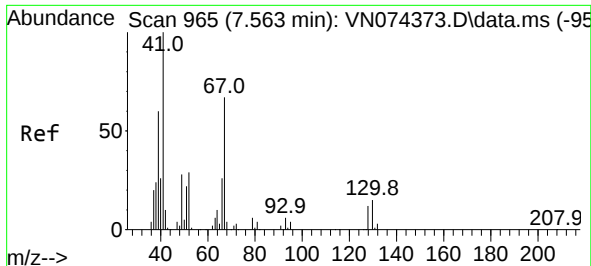
Tgt Ion: 78 Resp: 12593

Ion Ratio Lower Upper

78 100

77 14.8 20.6 31.0#

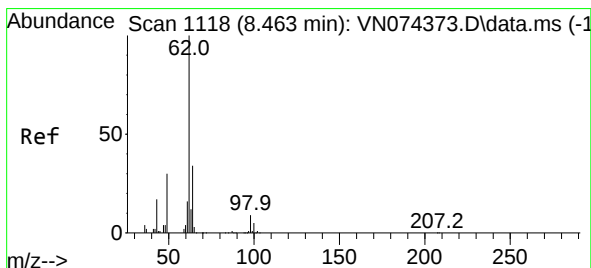
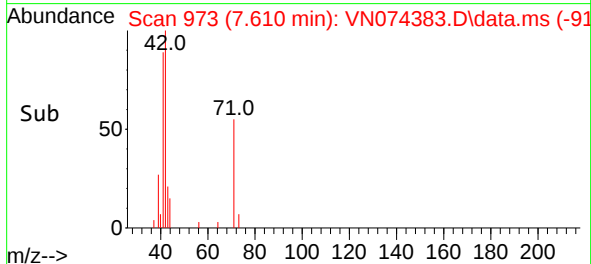
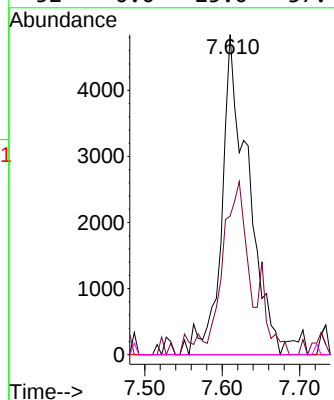
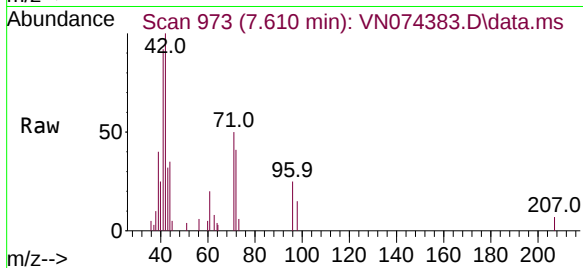




#41  
Methacrylonitrile  
Concen: 2.236 ug/l  
RT: 7.610 min Scan# 911  
Delta R.T. 0.047 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

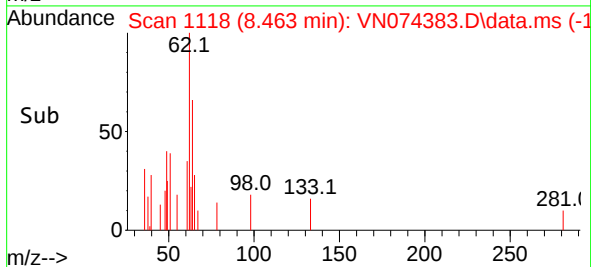
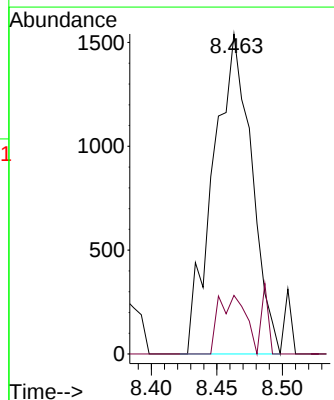
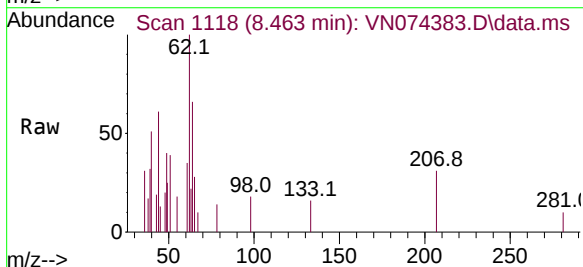
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-11A-11-16-083022

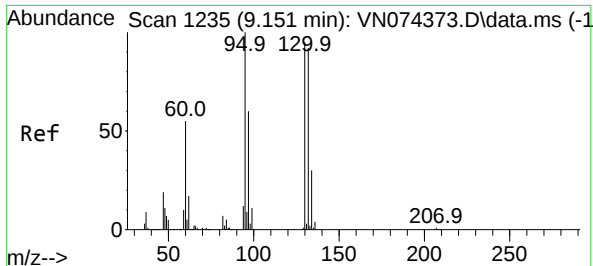
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 11461 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 45.1  | 39.2  | 58.8  |
| 67       | 0.0   | 53.6  | 80.4# |
| 52       | 0.0   | 25.0  | 37.4# |



#42  
1,2-Dichloroethane  
Concen: 0.375 ug/l  
RT: 8.463 min Scan# 1118  
Delta R.T. 0.000 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 3125  |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 12.9  | 0.0   | 17.6  |





#44

Trichloroethene

Concen: 1559.699 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN074383.D

Acq: 09 Sep 2022 19:20

Instrument :

MSVOA\_N

ClientSampleId :

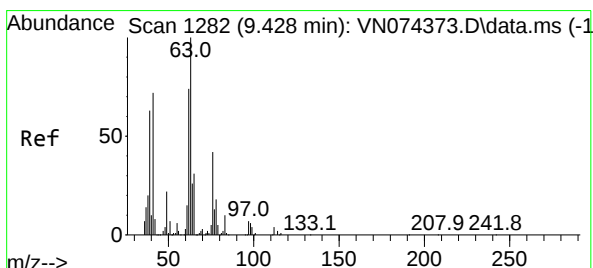
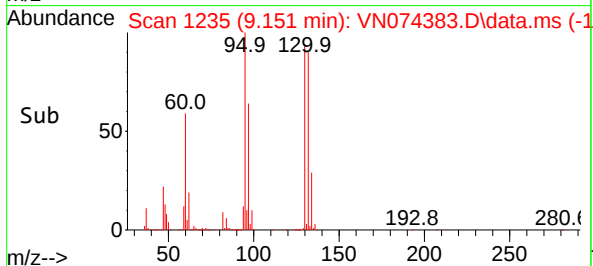
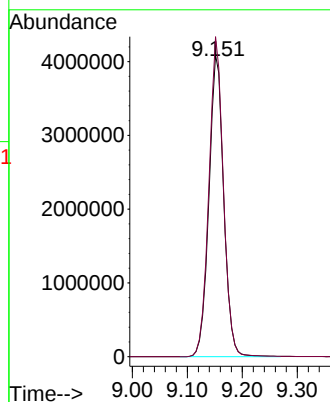
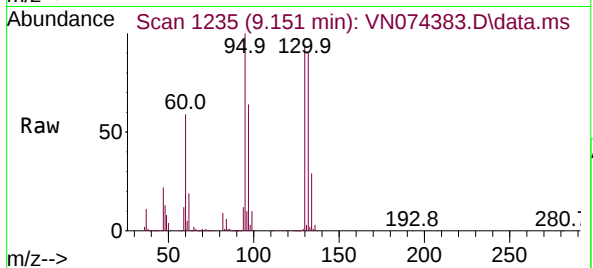
MW-11A-11-16-083022

Tgt Ion:130 Resp: 7622019

Ion Ratio Lower Upper

130 100

95 106.0 0.0 210.0



#45

1,2-Dichloropropane

Concen: 4.330 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. -0.276 min

Lab File: VN074383.D

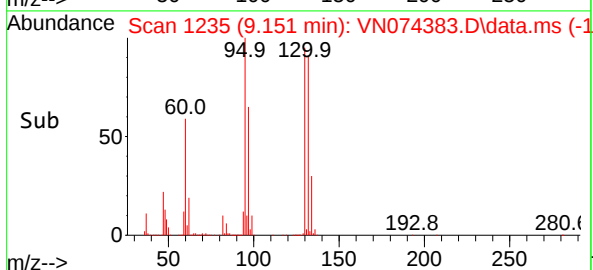
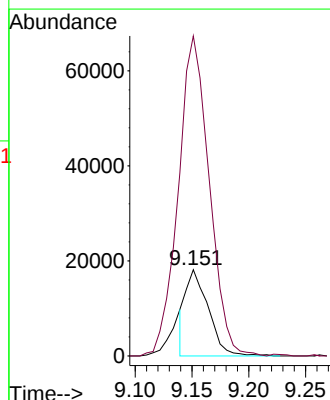
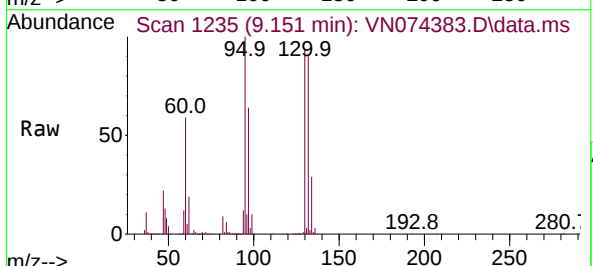
Acq: 09 Sep 2022 19:20

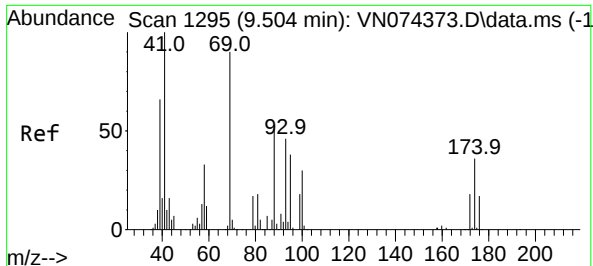
Tgt Ion: 63 Resp: 25053

Ion Ratio Lower Upper

63 100

65 369.3 24.6 36.8#





#49

1,4-Dioxane

Concen: 7.746 ug/l

RT: 9.510 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VN074383.D

Acq: 09 Sep 2022 19:20

Instrument :

MSVOA\_N

ClientSampleId :

MW-11A-11-16-083022

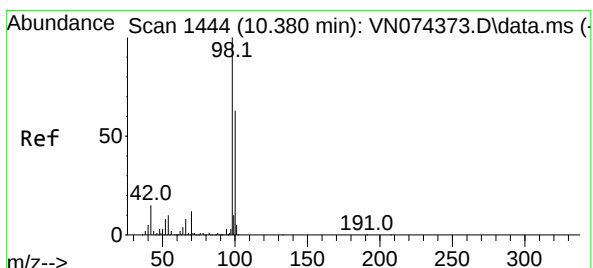
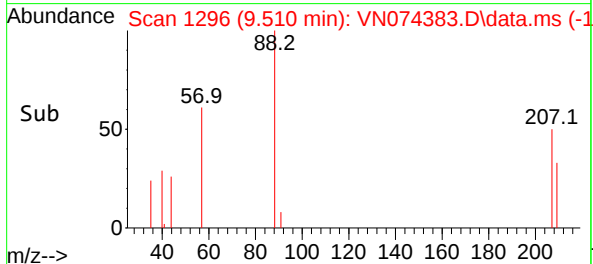
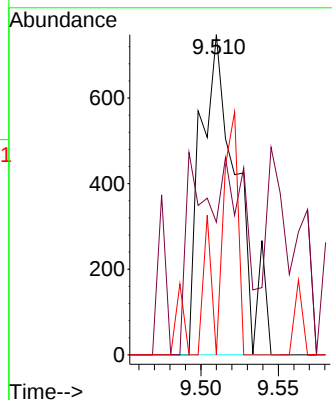
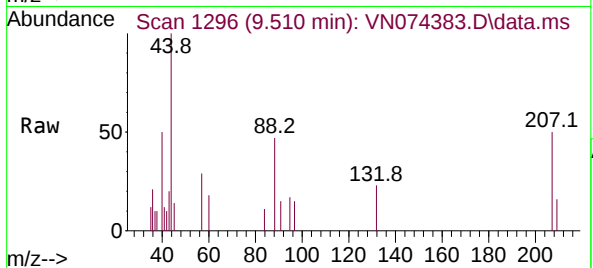
Tgt Ion: 88 Resp: 1215

Ion Ratio Lower Upper

88 100

43 0.0 26.9 40.3#

58 38.8 52.7 79.1#



#50

Toluene-d8

Concen: 42.908 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074383.D

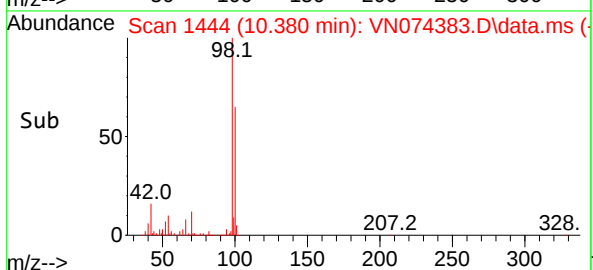
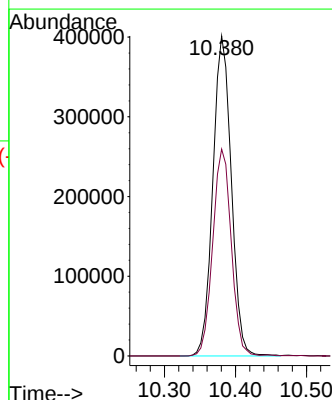
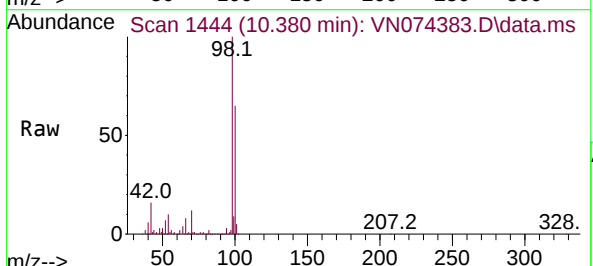
Acq: 09 Sep 2022 19:20

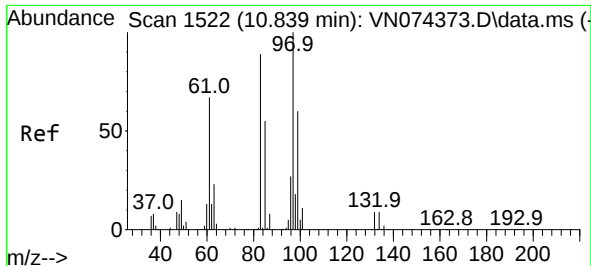
Tgt Ion: 98 Resp: 722506

Ion Ratio Lower Upper

98 100

100 64.9 50.6 76.0

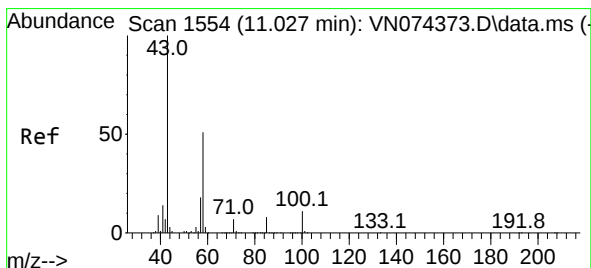
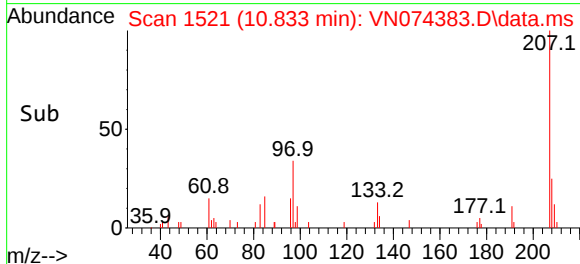
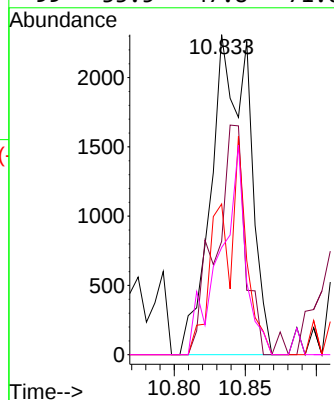
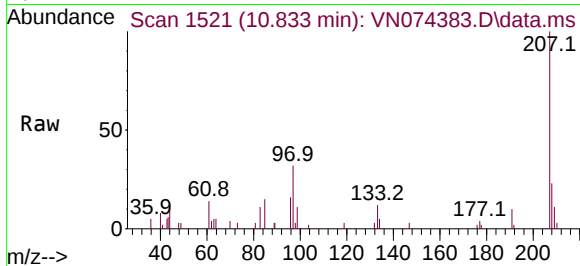




#55  
1,1,2-Trichloroethane  
Concen: 0.773 ug/l  
RT: 10.833 min Scan# 1522  
Delta R.T. -0.006 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

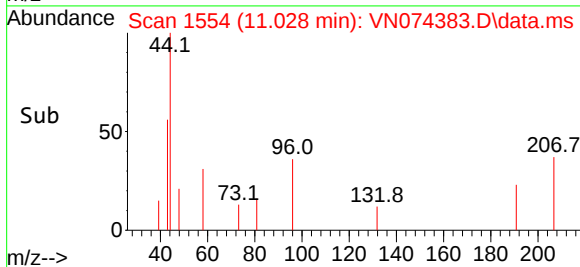
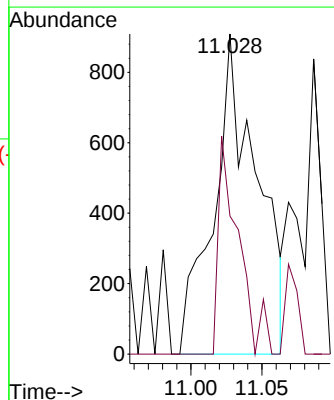
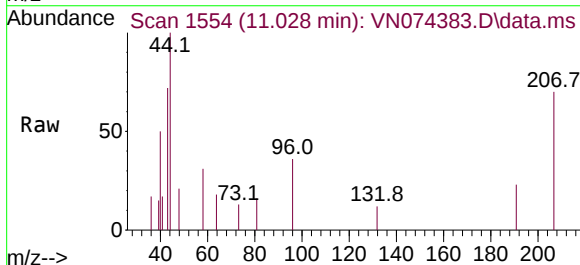
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-11A-11-16-083022

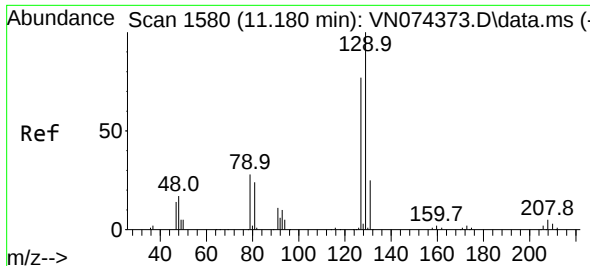
Tgt Ion: 97 Resp: 4296  
Ion Ratio Lower Upper  
97 100  
83 35.4 70.8 106.2#  
85 47.1 44.1 66.1  
99 33.5 47.8 71.6#



#59  
2-Hexanone  
Concen: 0.226 ug/l  
RT: 11.028 min Scan# 1554  
Delta R.T. 0.000 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

Tgt Ion: 43 Resp: 1924  
Ion Ratio Lower Upper  
43 100  
58 31.9 25.8 77.3

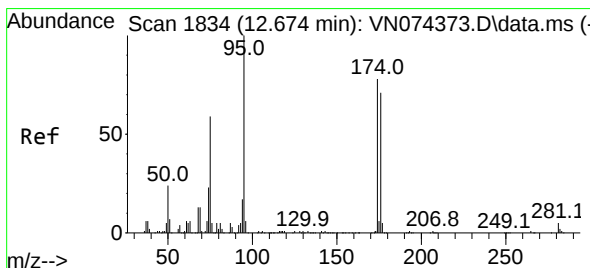
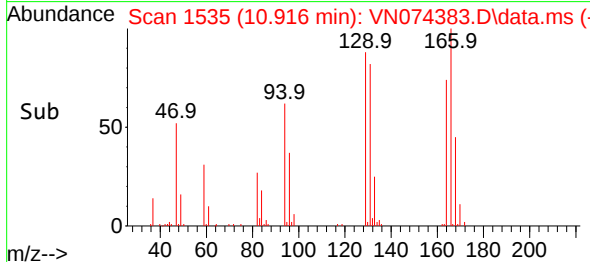
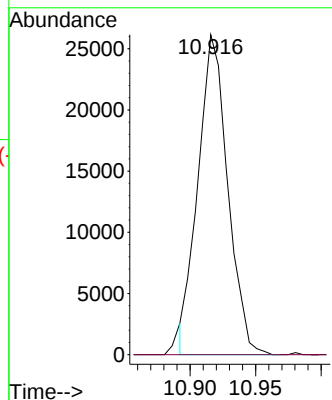
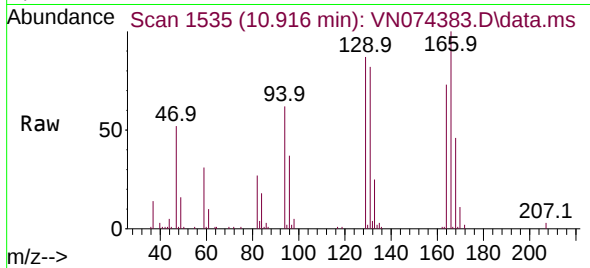




#60  
Dibromochloromethane  
Concen: 7.329 ug/l  
RT: 10.916 min Scan# 11  
Delta R.T. -0.265 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

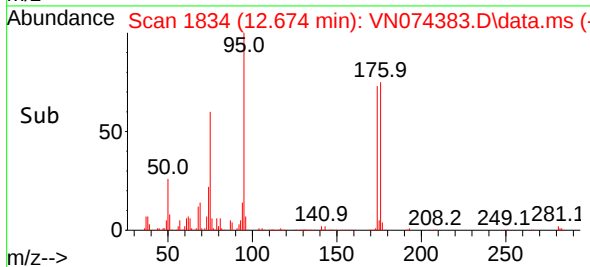
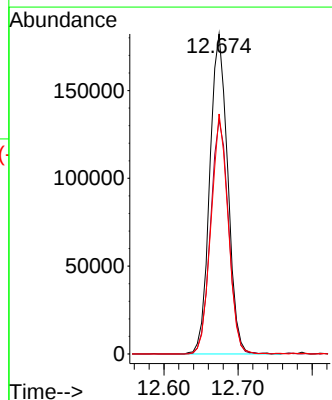
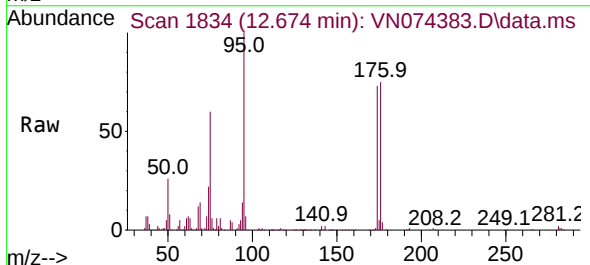
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-11A-11-16-083022

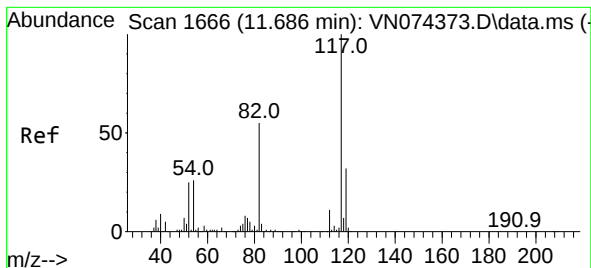
Tgt Ion:129 Resp: 41232  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.8 116.3#



#62  
4-Bromofluorobenzene  
Concen: 50.065 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

Tgt Ion: 95 Resp: 306072  
Ion Ratio Lower Upper  
95 100  
174 73.5 0.0 150.6  
176 71.7 0.0 143.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074383.D

Acq: 09 Sep 2022 19:20

Instrument :

MSVOA\_N

ClientSampleId :

MW-11A-11-16-083022

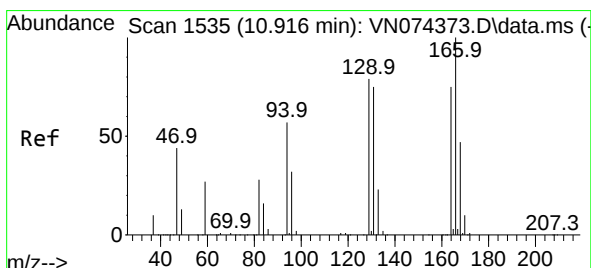
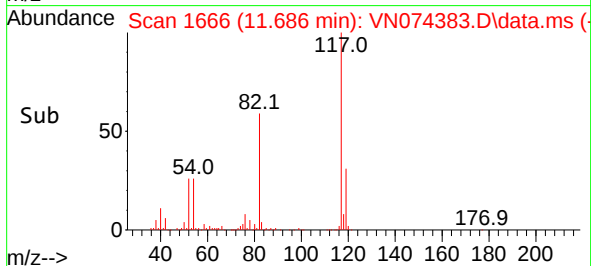
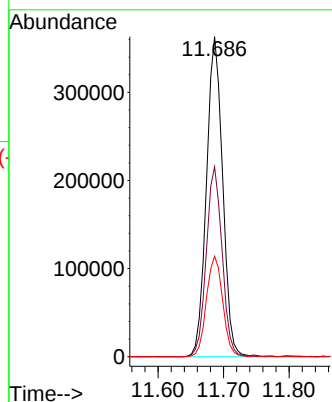
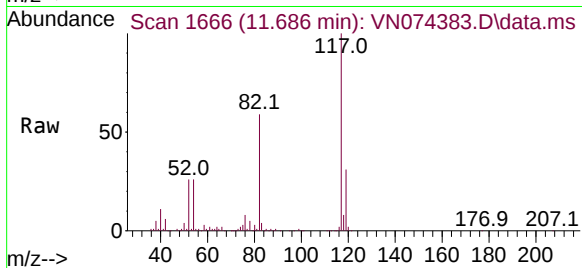
Tgt Ion:117 Resp: 623812

Ion Ratio Lower Upper

117 100

82 59.4 44.3 66.5

119 31.4 25.5 38.3



#64

Tetrachloroethene

Concen: 10.321 ug/l

RT: 10.922 min Scan# 1536

Delta R.T. 0.006 min

Lab File: VN074383.D

Acq: 09 Sep 2022 19:20

Tgt Ion:164 Resp: 43648

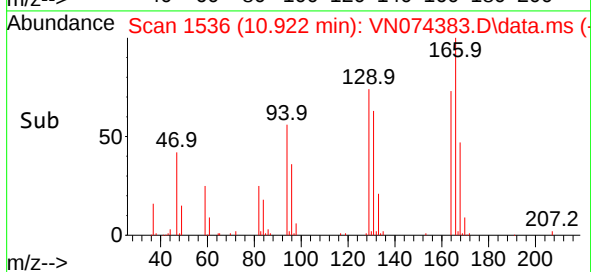
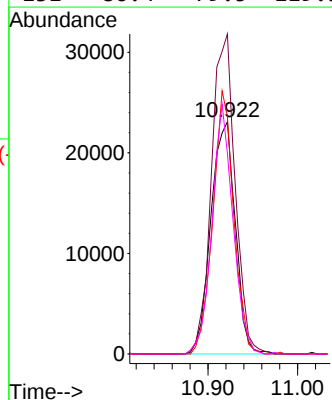
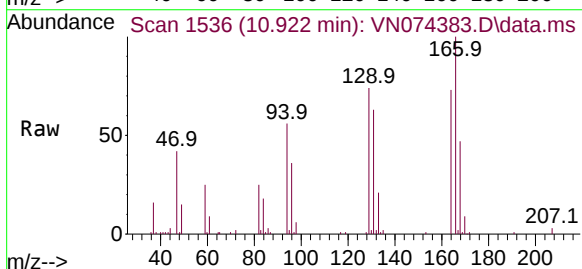
Ion Ratio Lower Upper

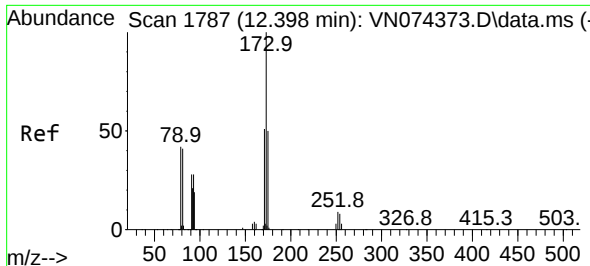
164 100

166 137.8 106.6 160.0

129 102.3 84.0 126.0

131 86.4 79.5 119.3

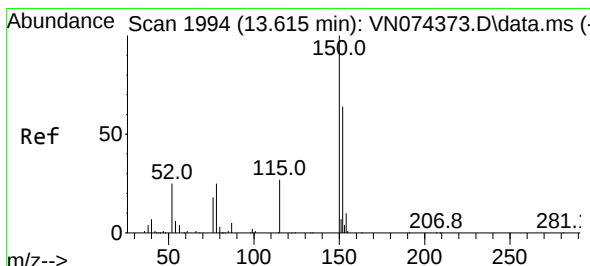
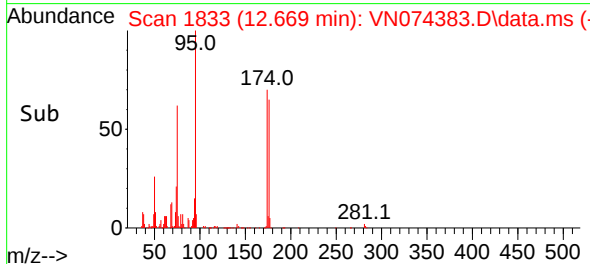
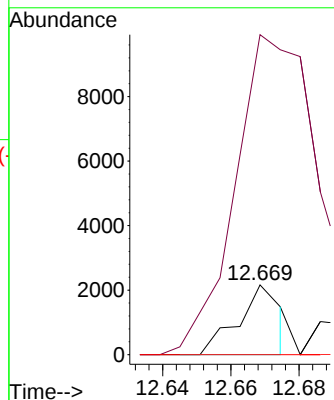
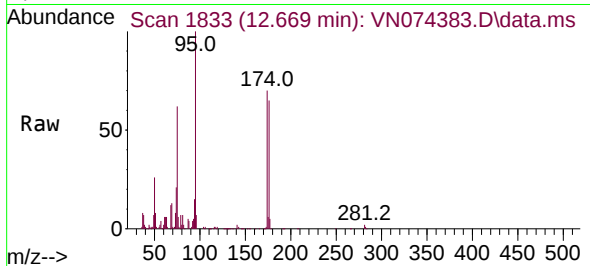




#71  
Bromoform  
Concen: 0.429 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. 0.271 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

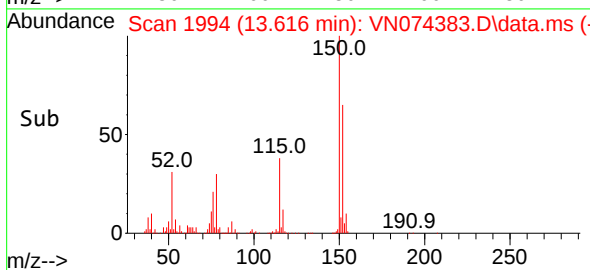
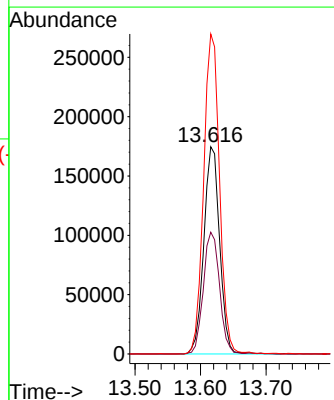
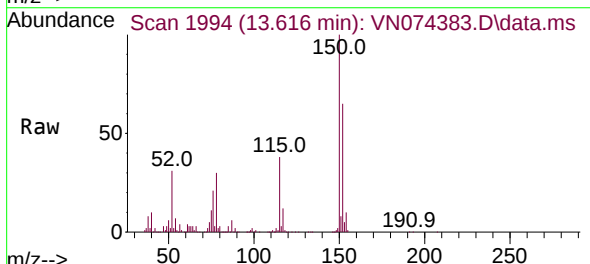
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-11A-11-16-083022

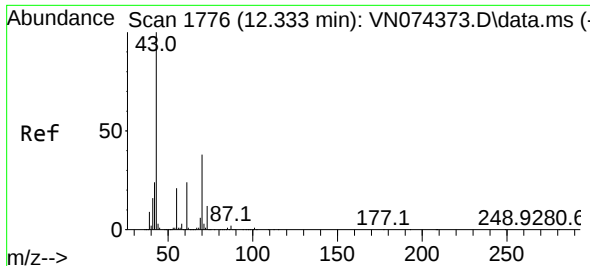
Tgt Ion:173 Resp: 1890  
Ion Ratio Lower Upper  
173 100  
175 0.0 24.1 72.3#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.616 min Scan# 1994  
Delta R.T. 0.001 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

Tgt Ion:152 Resp: 293483  
Ion Ratio Lower Upper  
152 100  
115 60.2 32.0 96.0  
150 155.0 0.0 359.6

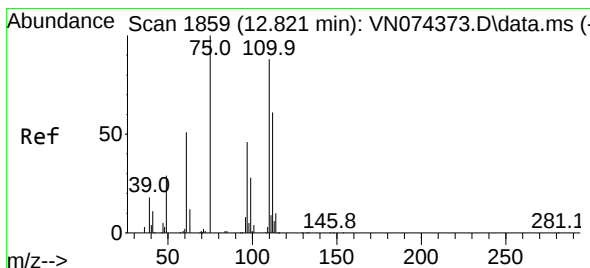
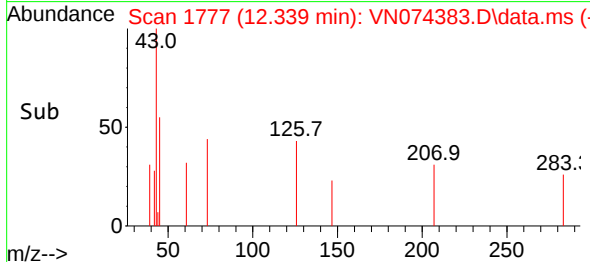
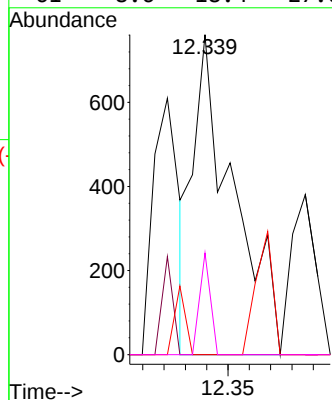
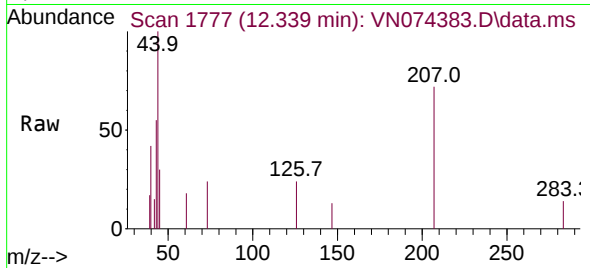




#74  
N-amy1 acetate  
Concen: Below Cal  
RT: 12.339 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

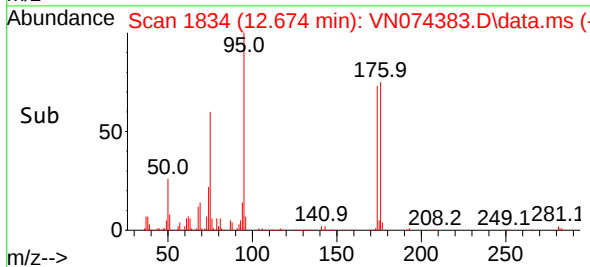
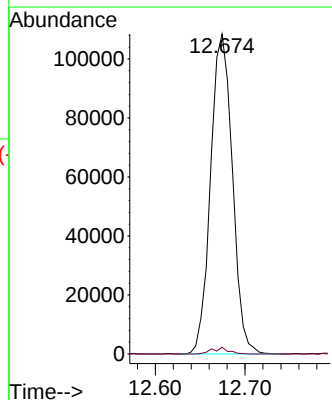
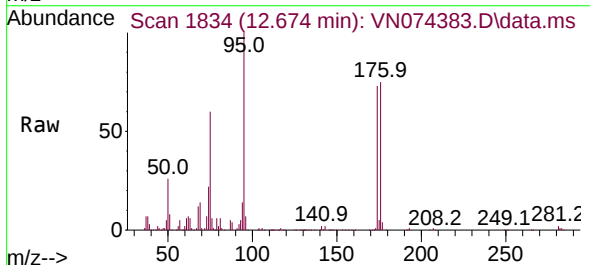
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-11A-11-16-083022

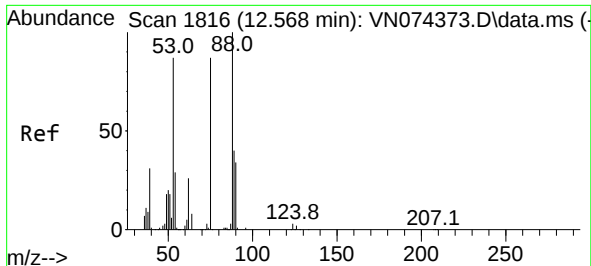
|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 992      |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 70          | 0.0 31.4 47.0# |
| 55          | 0.0 17.0 25.6# |
| 61          | 8.6 18.4 27.6# |



#76  
1,2,3-Trichloropropane  
Concen: 23.869 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. -0.147 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

|             |                 |
|-------------|-----------------|
| Tgt Ion: 75 | Resp: 183128    |
| Ion Ratio   | Lower Upper     |
| 75          | 100             |
| 77          | 1.5 78.9 236.7# |

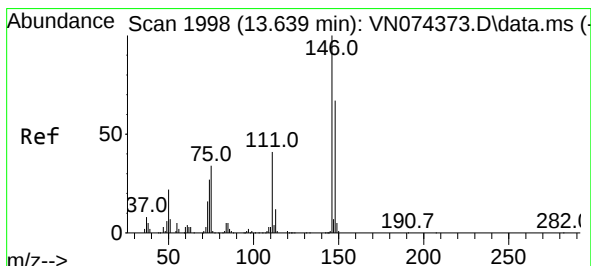
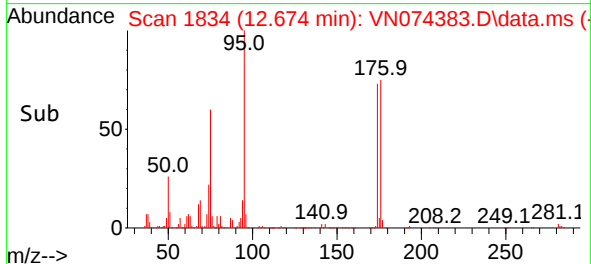
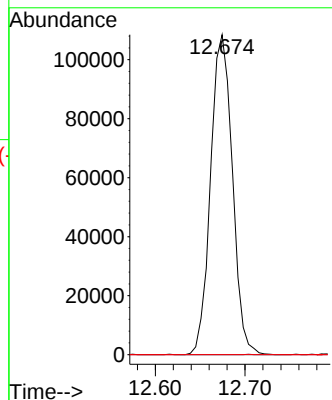
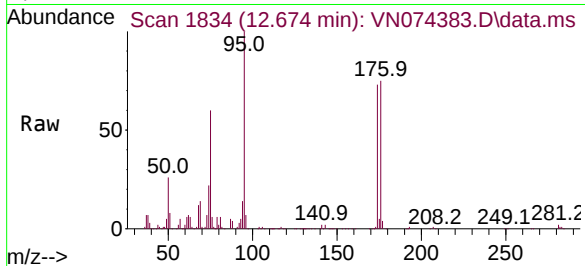




#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.204 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.106 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

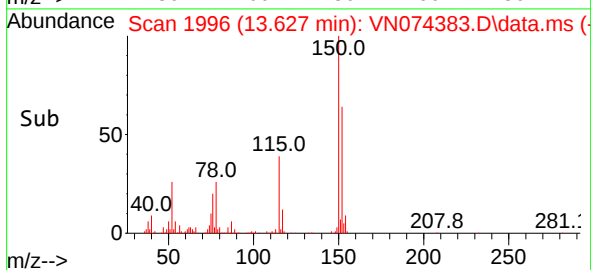
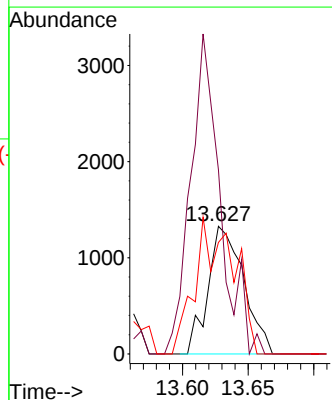
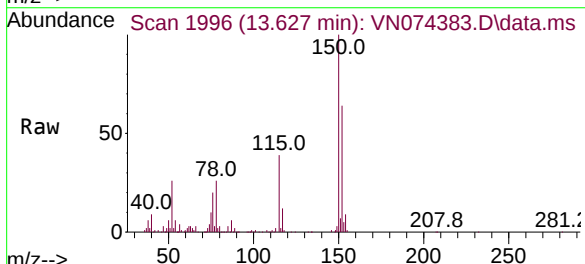
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-11A-11-16-083022

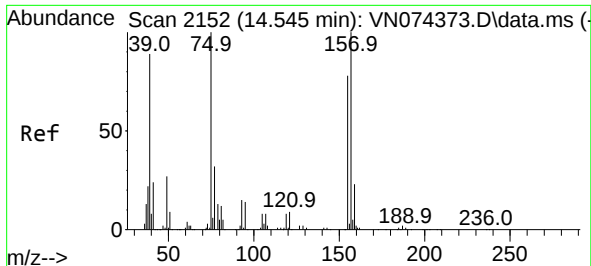
Tgt Ion: 75 Resp: 183128  
Ion Ratio Lower Upper  
75 100  
53 0.0 82.2 123.2#  
89 0.0 37.7 56.5#



#88  
1,4-Dichlorobenzene  
Concen: 0.222 ug/l  
RT: 13.627 min Scan# 1996  
Delta R.T. -0.012 min  
Lab File: VN074383.D  
Acq: 09 Sep 2022 19:20

Tgt Ion: 146 Resp: 2511  
Ion Ratio Lower Upper  
146 100  
111 208.1 20.8 62.2#  
148 117.3 32.1 96.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.498 min Scan# 2152

Delta R.T. -0.047 min

Lab File: VN074383.D

Acq: 09 Sep 2022 19:20

Instrument :

MSVOA\_N

ClientSampleId :

MW-11A-11-16-083022

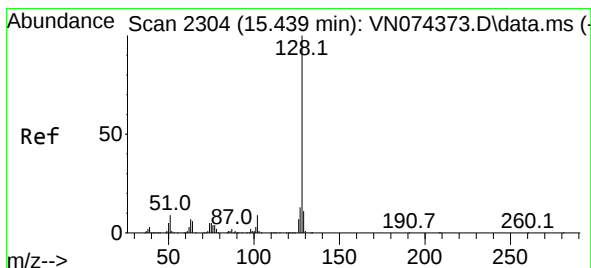
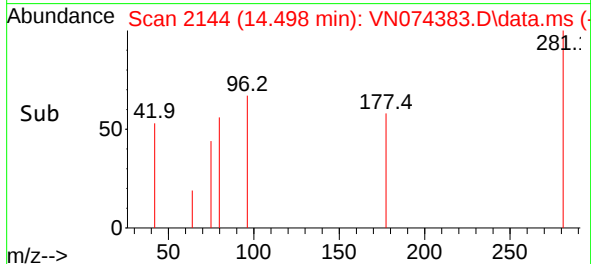
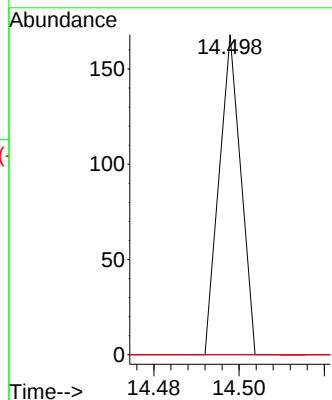
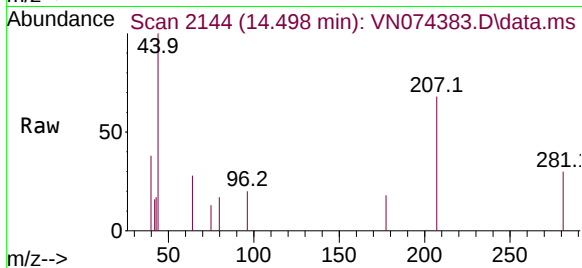
Tgt Ion: 75 Resp: 59

Ion Ratio Lower Upper

75 100

155 0.0 36.6 109.9#

157 0.0 46.2 138.5#



#95

Naphthalene

Concen: 0.220 ug/l

RT: 15.439 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN074383.D

Acq: 09 Sep 2022 19:20

Tgt Ion: 128 Resp: 5048

Ion Ratio Lower Upper

128 100

127 4.2 10.6 16.0#

129 3.4 8.8 13.2#

