

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060523\  
 Data File : VN078039.D  
 Acq On : 05 Jun 2023 13:10  
 Operator : JC\MD  
 Sample : PB153198TB  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB153198TB

Quant Time: Jun 06 02:00:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 16 04:07:42 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 8.230  | 168   | 384511   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106  | 114   | 692068   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.871 | 117   | 643555   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.800 | 152   | 199119   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.588  | 65    | 257868   | 44.821    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 89.640%  |
| 35) Dibromofluoromethane      | 8.171  | 113   | 225747   | 50.023    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 100.040% |
| 50) Toluene-d8                | 10.571 | 98    | 877306   | 50.506    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 101.020% |
| 62) 4-Bromofluorobenzene      | 12.853 | 95    | 287480   | 46.860    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 93.720%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 3) Chloromethane              | 2.365  | 50    | 1100     | Below Cal |        | 95       |
| 5) Bromomethane               | 2.977  | 94    | 1877     | 0.460     | ug/l   | 86       |
| 10) Methyl Iodide             | 4.612  | 142   | 1652     | 0.326     | ug/l # | 88       |
| 11) Tert butyl alcohol        | 5.536  | 59    | 560      | 0.705     | ug/l # | 72       |
| 13) Acrolein                  | 4.189  | 56    | 148      | Below Cal | #      | 1        |
| 15) Acrylonitrile             | 5.736  | 53    | 775      | 0.365     | ug/l # | 56       |
| 16) Acetone                   | 4.442  | 43    | 24209    | 13.375    | ug/l   | 90       |
| 17) Carbon Disulfide          | 4.730  | 76    | 2450     | 0.225     | ug/l # | 75       |
| 18) Methyl Acetate            | 5.042  | 43    | 2446     | 0.322     | ug/l   | 91       |
| 20) Methylene Chloride        | 5.283  | 84    | 14713    | 1.194     | ug/l # | 84       |
| 25) 2-Butanone                | 7.506  | 43    | 6233     | 2.201     | ug/l   | 92       |
| 31) Cyclohexane               | 8.235  | 56    | 8281     | 1.059     | ug/l # | 37       |
| 36) 1,1-Dichloropropene       | 8.230  | 75    | 31906    | 4.834     | ug/l # | 48       |
| 37) Ethyl Acetate             | 7.571  | 43    | 64731    | 11.002    | ug/l   | 97       |
| 38) Carbon Tetrachloride      | 8.230  | 117   | 40516    | 6.079     | ug/l # | 17       |
| 43) Isopropyl Acetate         | 8.694  | 43    | 288236   | 29.994    | ug/l # | 86       |
| 45) 1,2-Dichloropropane       | 9.747  | 63    | 3701     | 0.745     | ug/l # | 45       |
| 48) Methyl methacrylate       | 9.665  | 41    | 7381     | 1.620     | ug/l # | 34       |
| 49) 1,4-Dioxane               | 9.700  | 88    | 142      | 1.650     | ug/l # | 30       |
| 51) 4-Methyl-2-Pentanone      | 10.365 | 43    | 229667   | 40.206    | ug/l # | 41       |
| 52) Toluene                   | 10.635 | 92    | 4748     | 0.392     | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.365 | 75    | 120015   | 15.109    | ug/l # | 71       |
| 57) 1,3-Dichloropropane       | 11.212 | 76    | 14922    | 1.808     | ug/l # | 42       |
| 58) 2-Chloroethyl Vinyl ether | 10.171 | 63    | 2419     | 0.675     | ug/l # | 77       |
| 59) 2-Hexanone                | 11.176 | 43    | 264914   | 62.700    | ug/l # | 19       |
| 71) Bromoform                 | 12.853 | 173   | 1585     | 0.494     | ug/l # | 28       |
| 74) N-amyl acetate            | 12.500 | 43    | 3558     | 0.561     | ug/l # | 65       |
| 76) 1,2,3-Trichloropropane    | 12.853 | 75    | 151945   | 30.470    | ug/l # | 1        |
| 77) Bromobenzene              | 12.982 | 156   | 789      | 0.201     | ug/l   | 93       |
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75    | 151945   | 97.399    | ug/l # | 15       |
| 82) 4-Chlorotoluene           | 13.229 | 91    | 3616     | 0.301     | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146   | 2254     | 0.311     | ug/l   | 93       |
| 88) 1,4-Dichlorobenzene       | 13.735 | 146   | 2254     | 0.314     | ug/l   | 91       |
| 89) n-Butylbenzene            | 14.070 | 91    | 3815     | 0.291     | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.117 | 146   | 2346     | 0.347     | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75    | 262      | 0.256     | ug/l # | 52       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060523\  
Data File : VN078039.D  
Acq On : 05 Jun 2023 13:10  
Operator : JC\MD  
Sample : PB153198TB  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

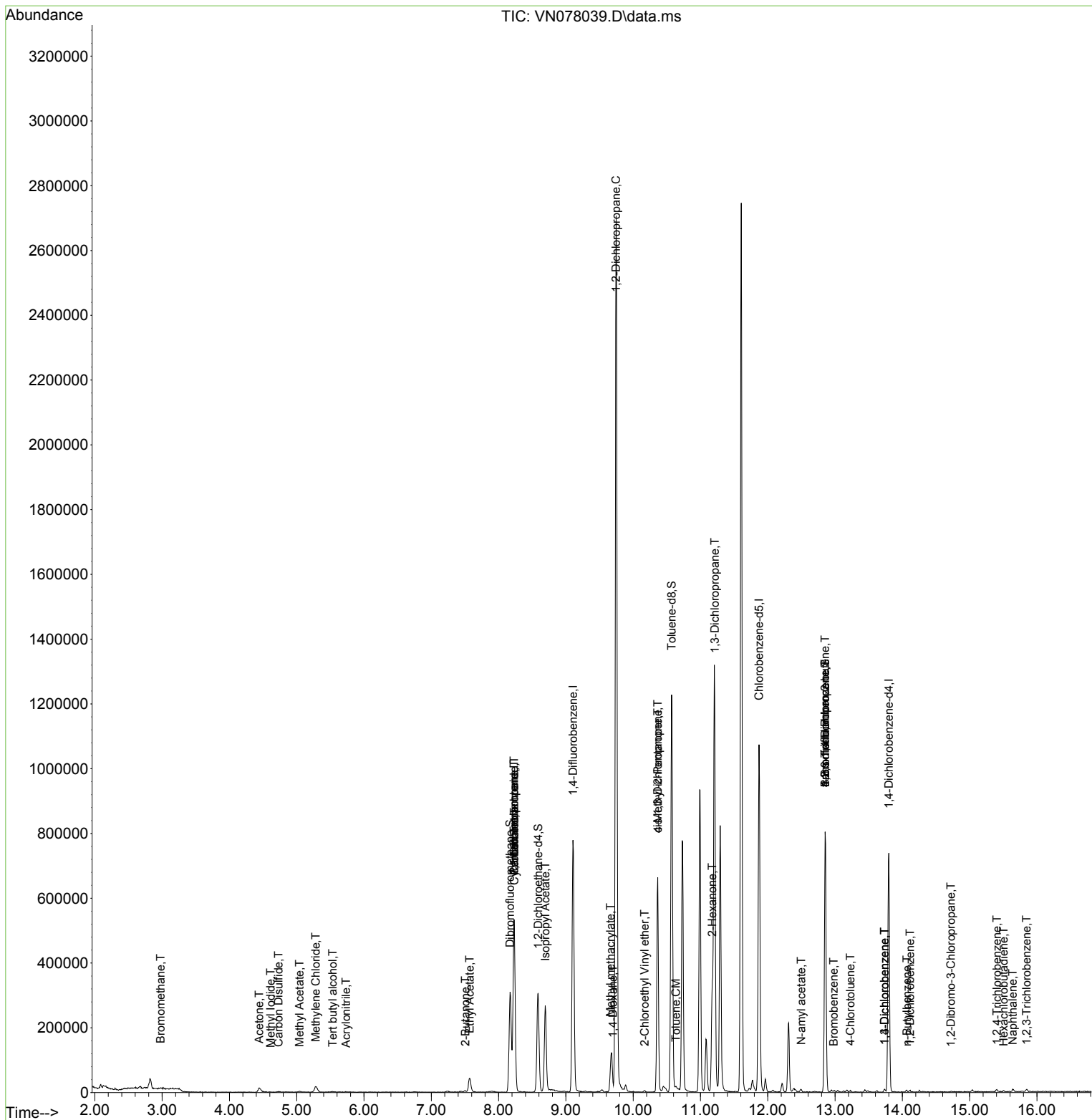
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB

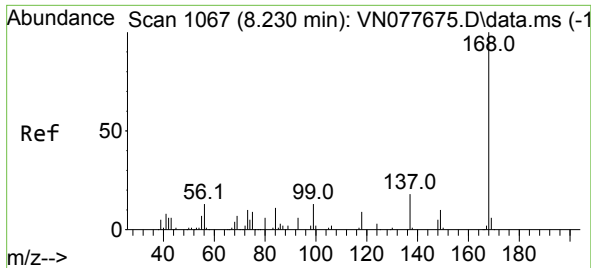
Quant Time: Jun 06 02:00:01 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 16 04:07:42 2023  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|--------|------|----------|-------|--------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.406 | 180  | 2135     | 0.540 | ug/l   | 88       |
| 94) Hexachlorobutadiene    | 15.506 | 225  | 940      | 0.572 | ug/l   | 88       |
| 95) Naphthalene            | 15.641 | 128  | 6908     | 0.508 | ug/l # | 90       |
| 96) 1,2,3-Trichlorobenzene | 15.847 | 180  | 2563     | 0.662 | ug/l   | 82       |

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

Quant Time: Jun 06 02:00:01 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 16 04:07:42 2023  
Response via : Initial Calibration

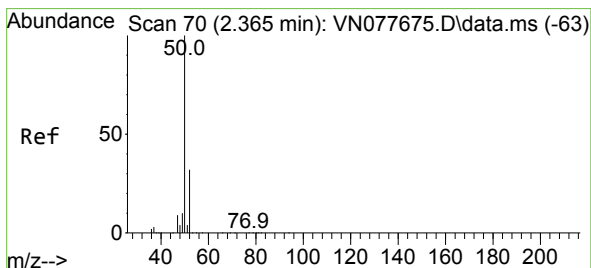
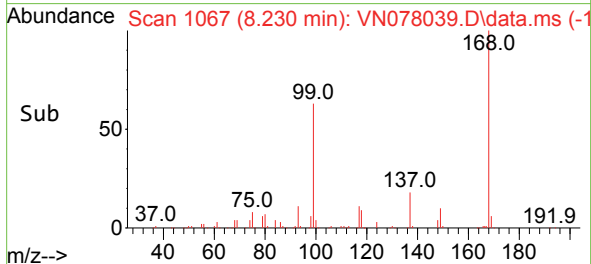
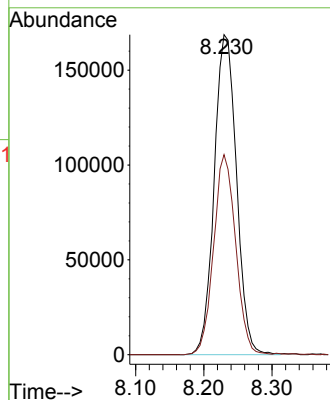
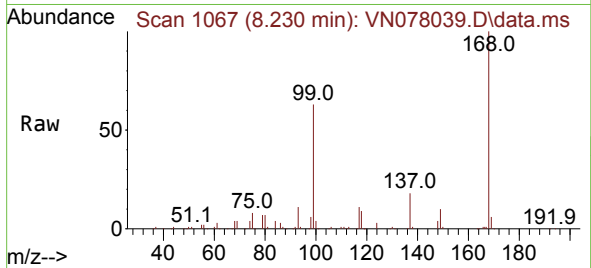




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.000 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

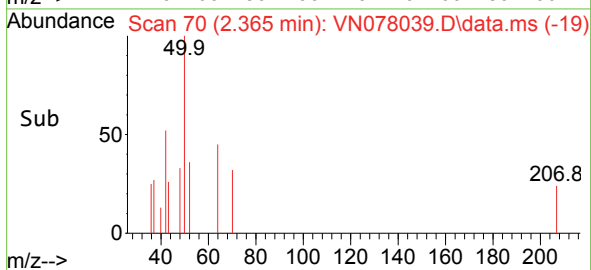
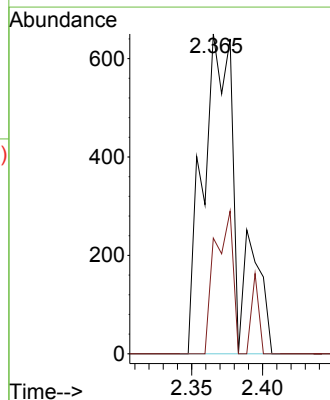
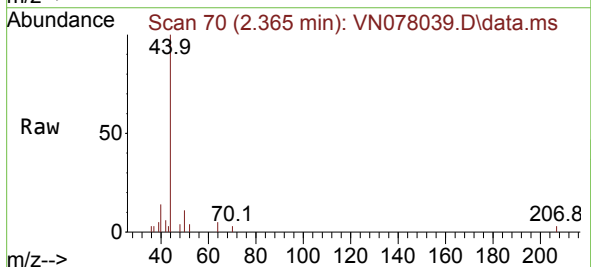
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB

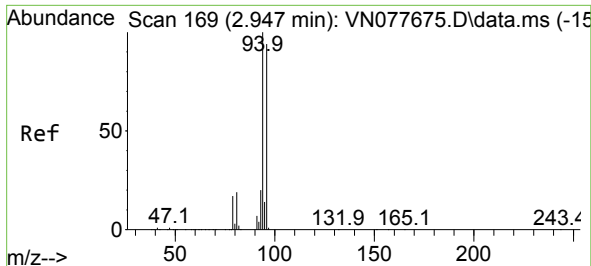
Tgt Ion:168 Resp: 384511  
Ion Ratio Lower Upper  
168 100  
99 62.5 53.0 79.6



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.365 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

Tgt Ion: 50 Resp: 1100  
Ion Ratio Lower Upper  
50 100  
52 36.2 26.5 39.7

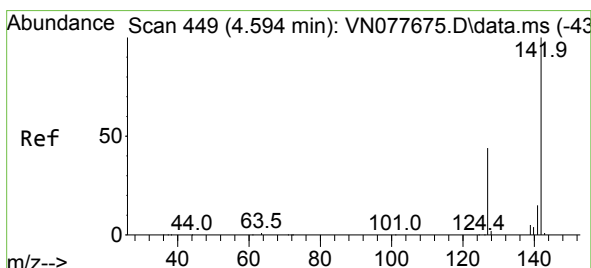
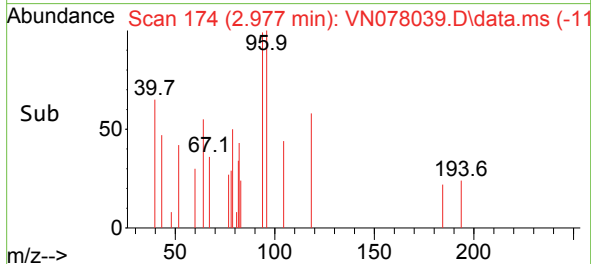
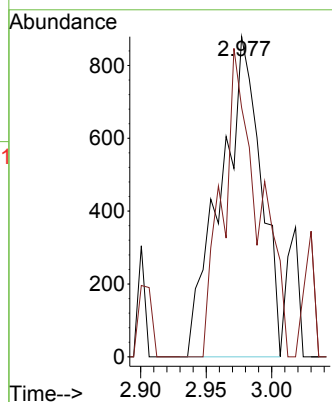
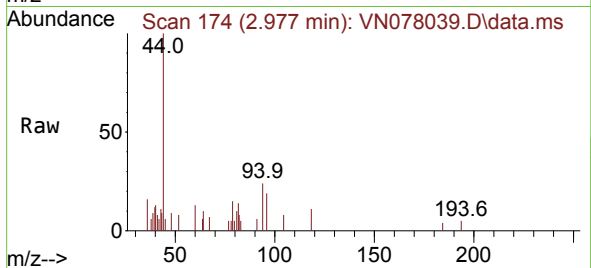




#5  
Bromomethane  
Concen: 0.460 ug/l  
RT: 2.977 min Scan# 11  
Delta R.T. 0.030 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

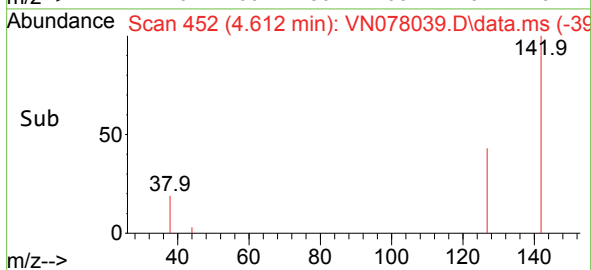
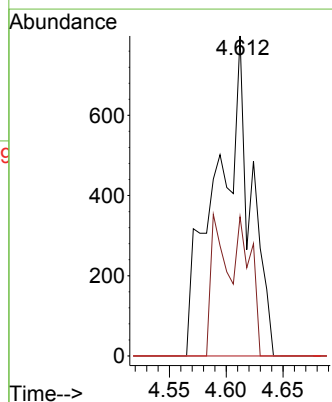
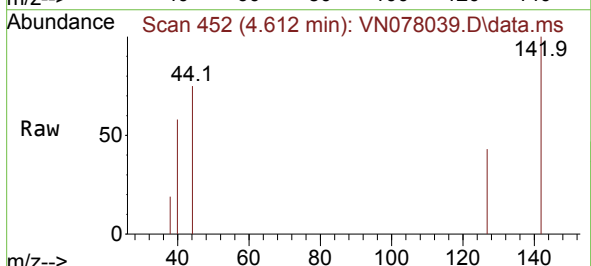
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB

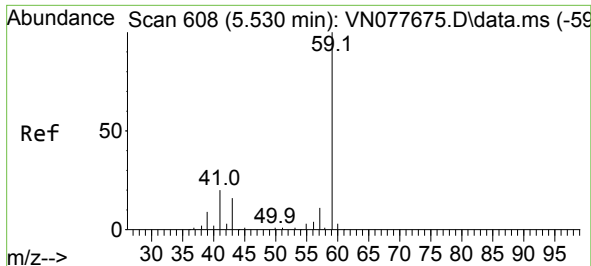
Tgt Ion: 94 Resp: 1877  
Ion Ratio Lower Upper  
94 100  
96 77.8 73.1 109.7



#10  
Methyl Iodide  
Concen: 0.326 ug/l  
RT: 4.612 min Scan# 452  
Delta R.T. 0.018 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

Tgt Ion: 142 Resp: 1652  
Ion Ratio Lower Upper  
142 100  
127 43.5 37.6 56.4  
141 0.0 11.4 17.0#

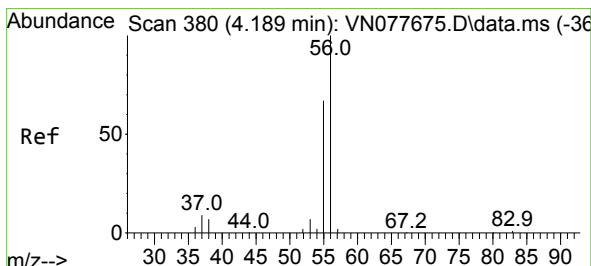
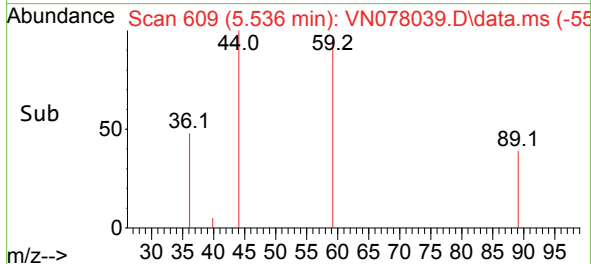
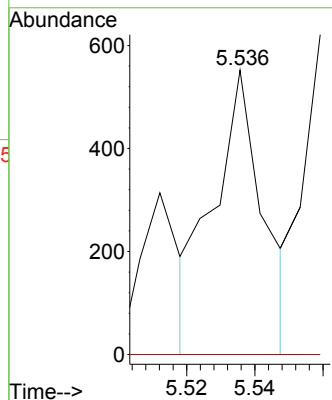
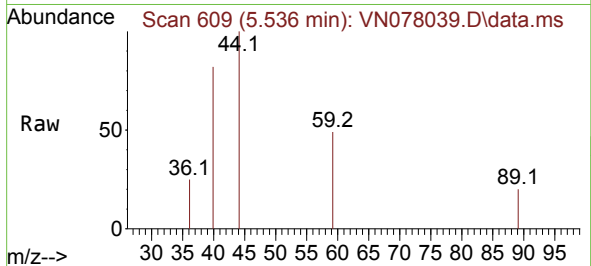




#11  
Tert butyl alcohol  
Concen: 0.705 ug/l  
RT: 5.536 min Scan# 608  
Delta R.T. 0.006 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

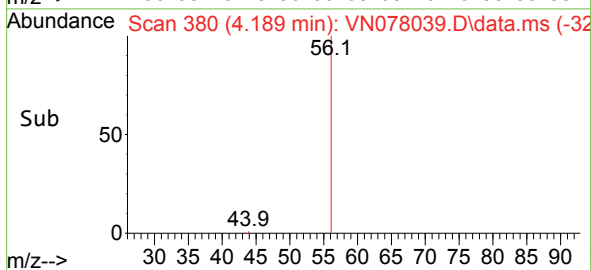
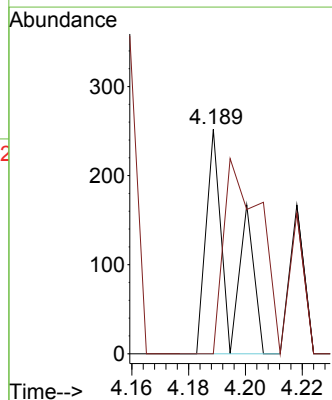
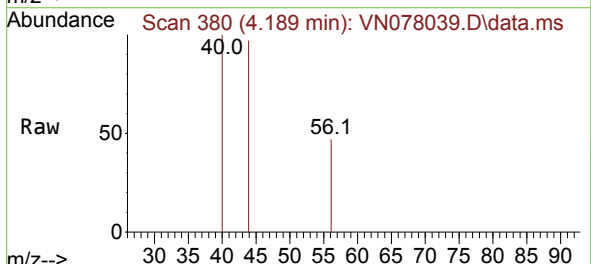
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB

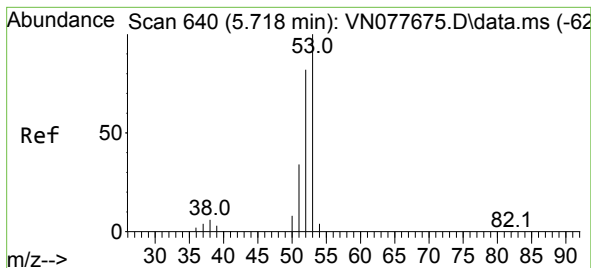
Tgt Ion: 59 Resp: 560  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



#13  
Acrolein  
Concen: Below Cal  
RT: 4.189 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

Tgt Ion: 56 Resp: 148  
Ion Ratio Lower Upper  
56 100  
55 168.9 54.5 81.7#





#15

Acrylonitrile

Concen: 0.365 ug/l

RT: 5.736 min Scan# 64

Delta R.T. 0.018 min

Lab File: VN078039.D

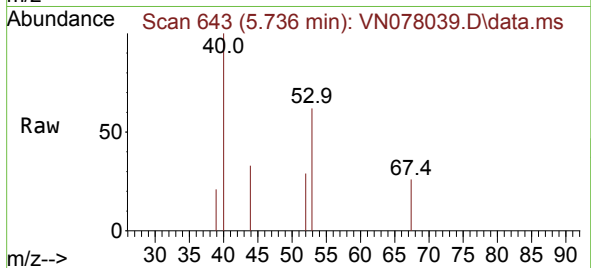
Acq: 05 Jun 2023 13:10

Instrument :

MSVOA\_N

ClientSampleId :

PB153198TB



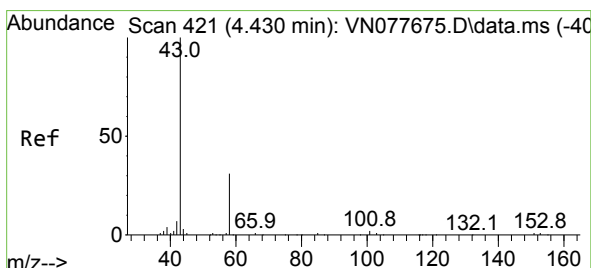
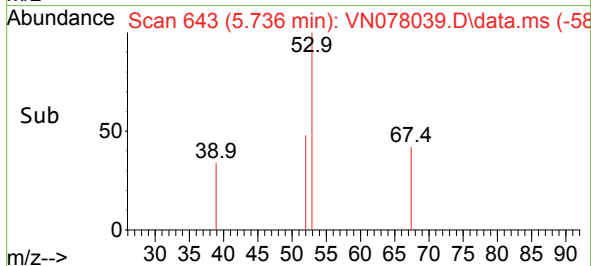
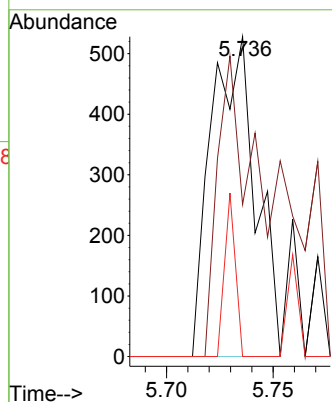
Tgt Ion: 53 Resp: 775

Ion Ratio Lower Upper

53 100

52 122.6 65.3 97.9#

51 12.3 28.9 43.3#



#16

Acetone

Concen: 13.375 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.012 min

Lab File: VN078039.D

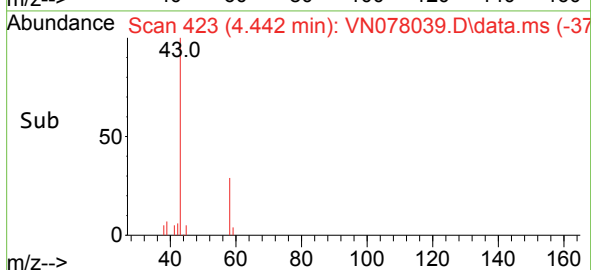
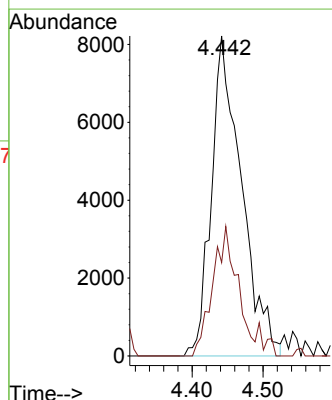
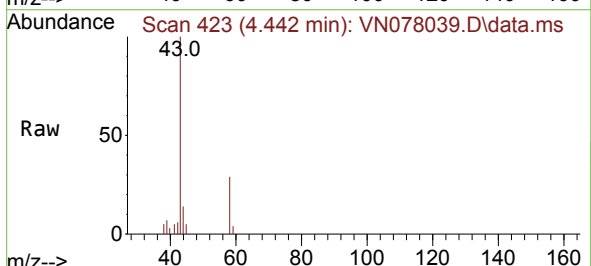
Acq: 05 Jun 2023 13:10

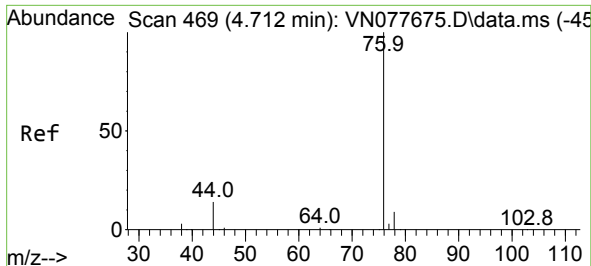
Tgt Ion: 43 Resp: 24209

Ion Ratio Lower Upper

43 100

58 29.2 28.0 42.0

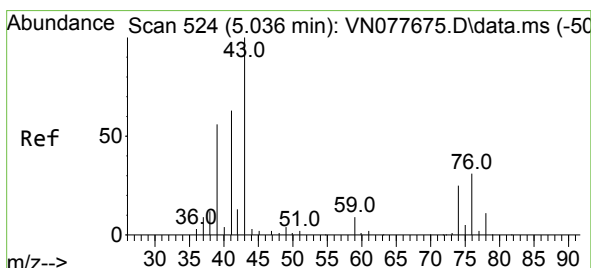
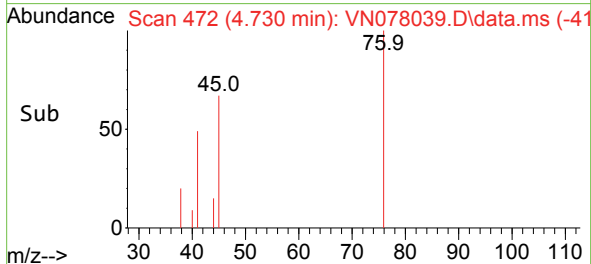
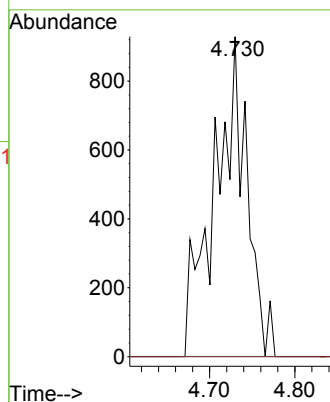
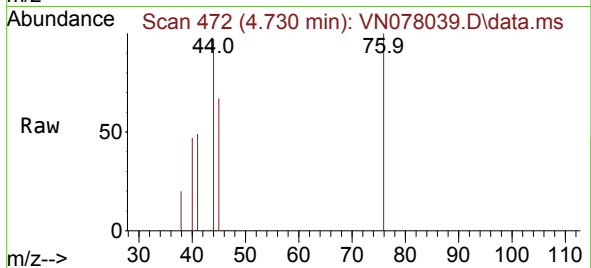




#17  
Carbon Disulfide  
Concen: 0.225 ug/l  
RT: 4.730 min Scan# 41  
Delta R.T. 0.018 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

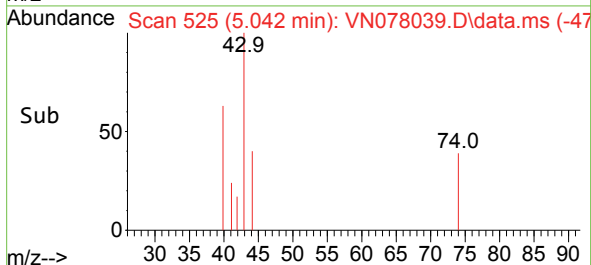
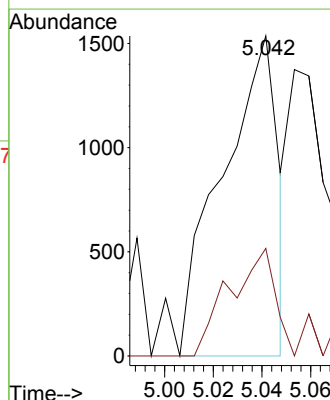
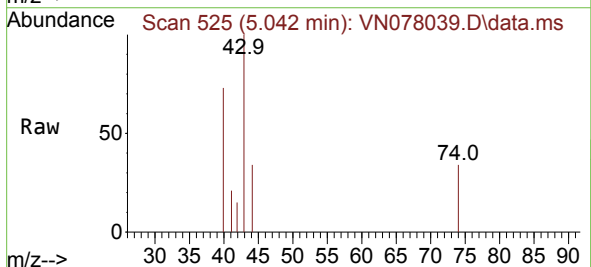
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB

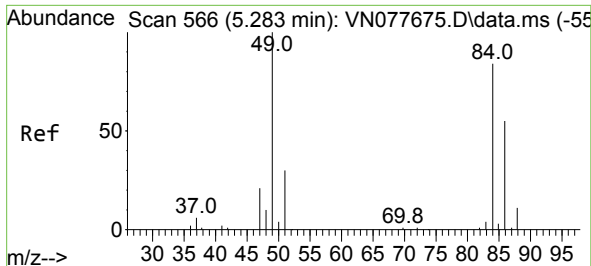
Tgt Ion: 76 Resp: 2450  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.4 11.0#



#18  
Methyl Acetate  
Concen: 0.322 ug/l  
RT: 5.042 min Scan# 525  
Delta R.T. 0.006 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

Tgt Ion: 43 Resp: 2446  
Ion Ratio Lower Upper  
43 100  
74 27.6 26.2 39.4

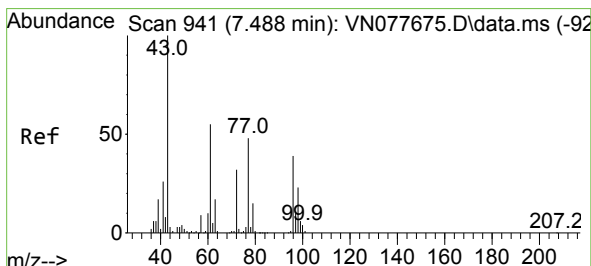
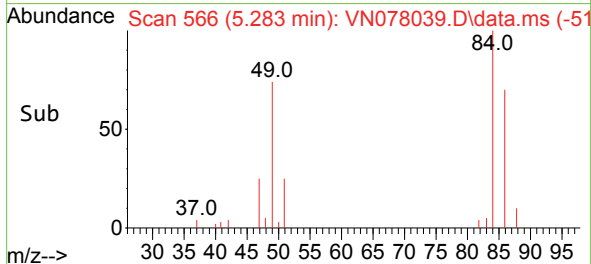
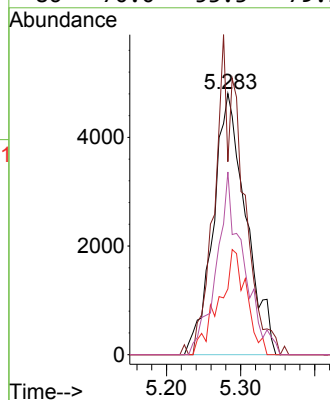
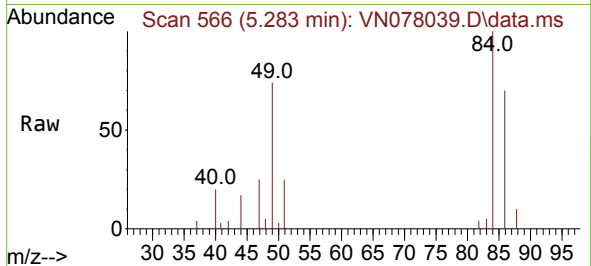




#20  
Methylene Chloride  
Concen: 1.194 ug/l  
RT: 5.283 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

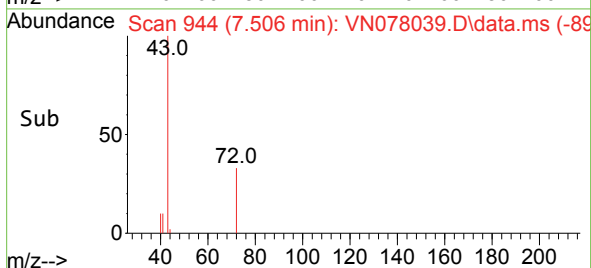
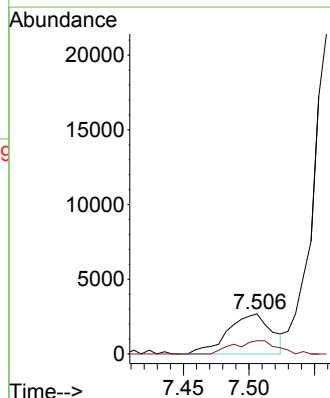
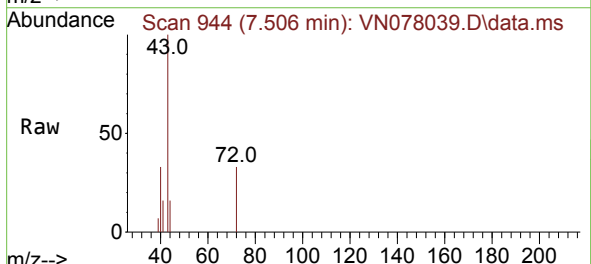
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB

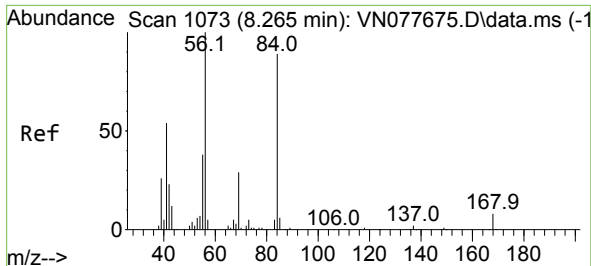
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 14713  |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 73.9  | 79.7  | 119.5# |
| 51       | 25.2  | 25.2  | 37.8#  |
| 86       | 70.0  | 53.3  | 79.9   |



#25  
2-Butanone  
Concen: 2.201 ug/l  
RT: 7.506 min Scan# 944  
Delta R.T. 0.018 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 6233  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 33.2  | 30.2  | 45.2  |

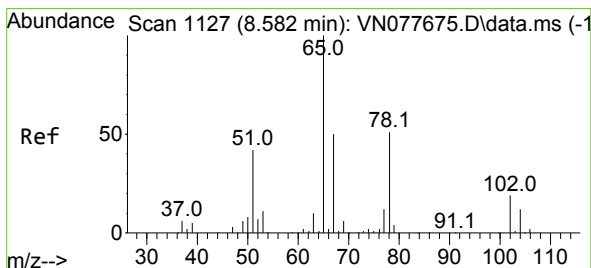
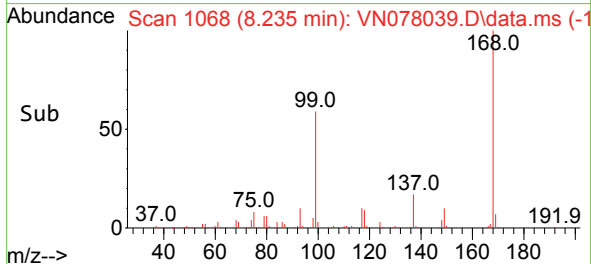
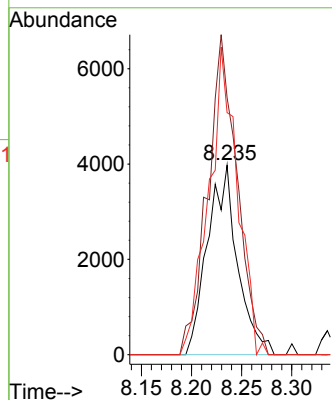
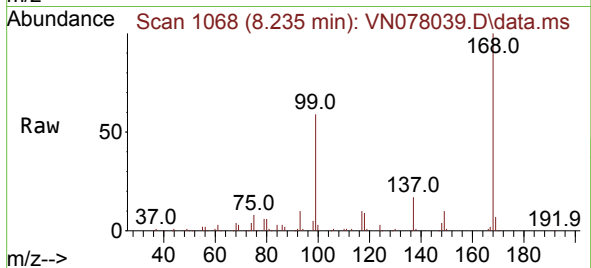




#31  
Cyclohexane  
Concen: 1.059 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. -0.030 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

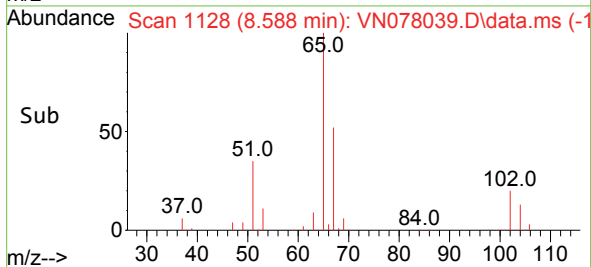
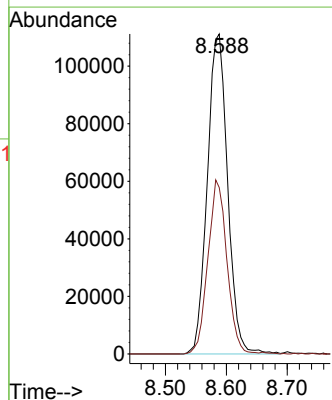
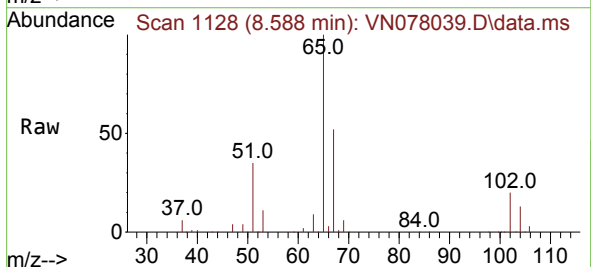
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB

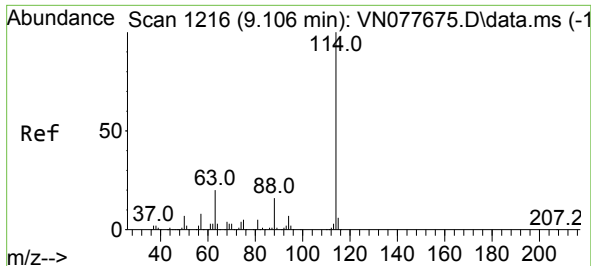
Tgt Ion: 56 Resp: 8281  
Ion Ratio Lower Upper  
56 100  
69 135.8 26.8 40.2#  
84 127.8 81.8 122.6#



#33  
1,2-Dichloroethane-d4  
Concen: 44.821 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. 0.006 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

Tgt Ion: 65 Resp: 257868  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078039.D

Acq: 05 Jun 2023 13:10

Instrument :

MSVOA\_N

ClientSampleId :

PB153198TB

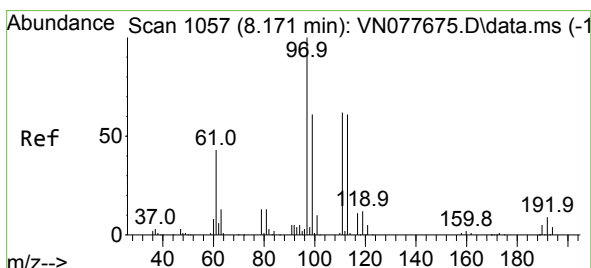
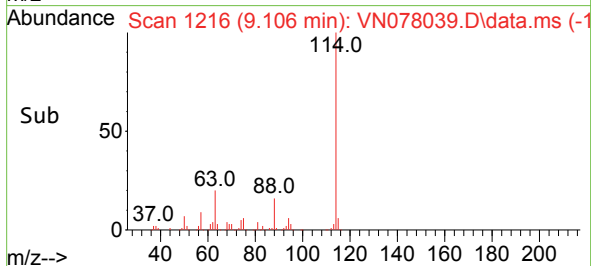
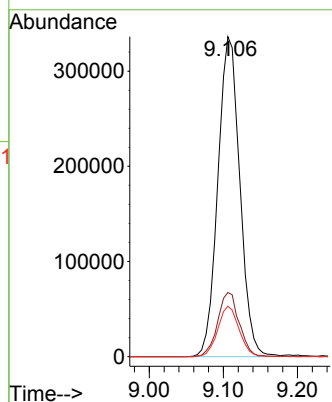
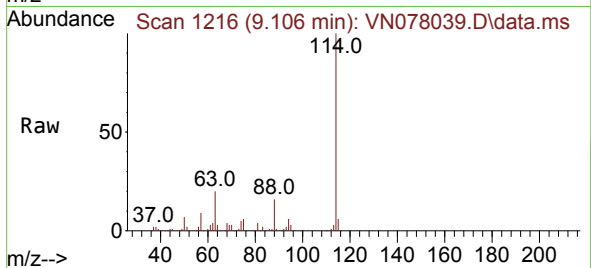
Tgt Ion:114 Resp: 692068

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.023 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078039.D

Acq: 05 Jun 2023 13:10

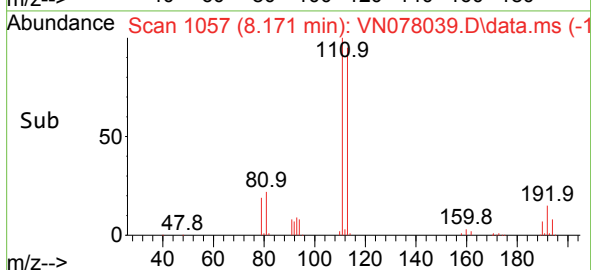
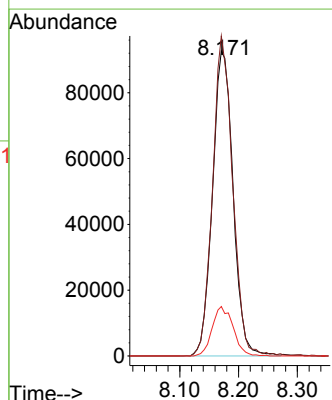
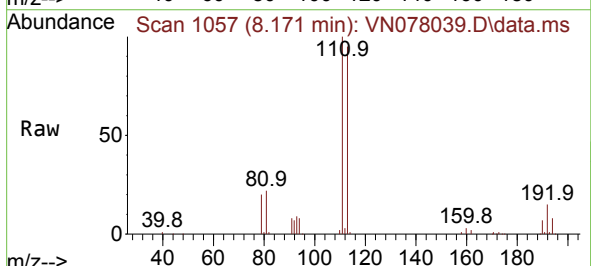
Tgt Ion:113 Resp: 225747

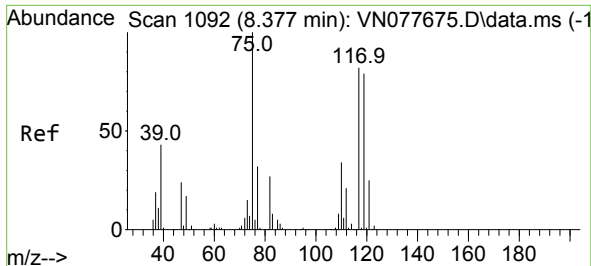
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 16.5 12.7 19.1

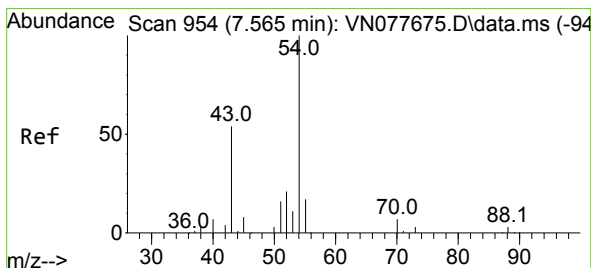
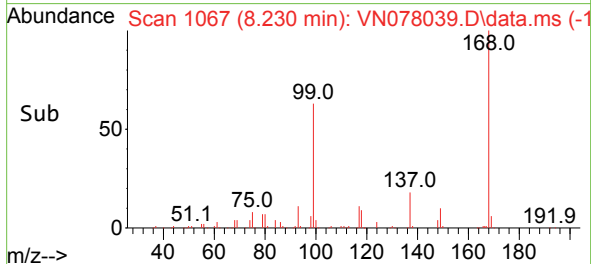
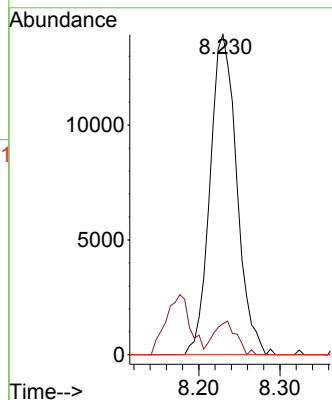
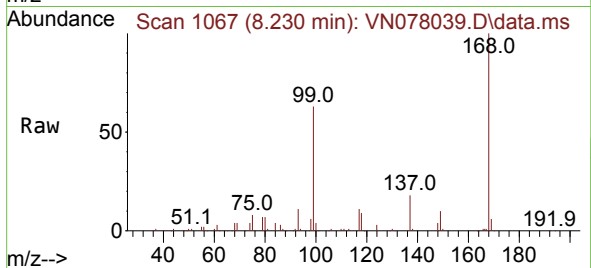




#36  
1,1-Dichloropropene  
Concen: 4.834 ug/l  
RT: 8.230 min Scan# 1092  
Delta R.T. -0.147 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

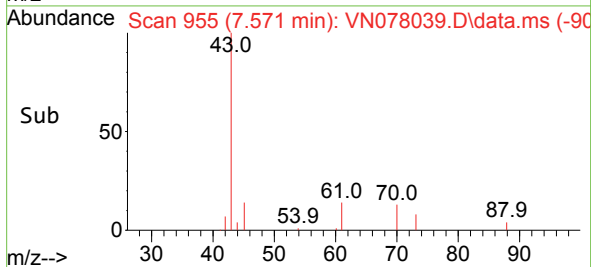
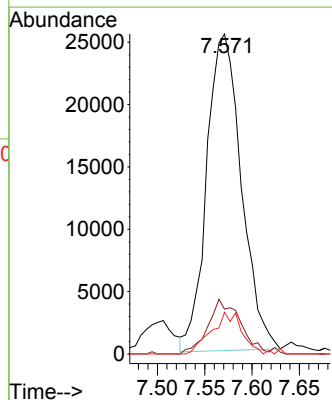
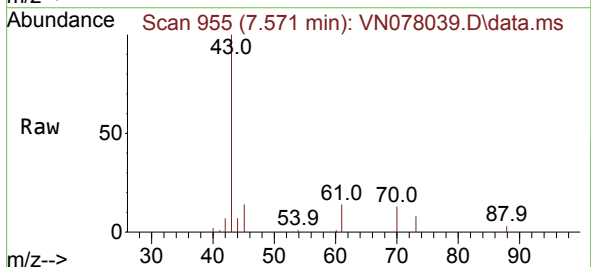
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB

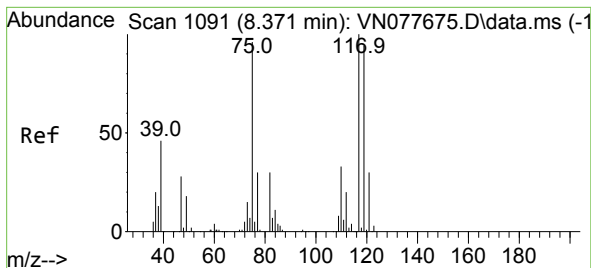
Tgt Ion: 75 Resp: 31906  
Ion Ratio Lower Upper  
75 100  
110 8.8 19.1 57.3#  
77 0.0 25.0 37.4#



#37  
Ethyl Acetate  
Concen: 11.002 ug/l  
RT: 7.571 min Scan# 955  
Delta R.T. 0.006 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

Tgt Ion: 43 Resp: 64731  
Ion Ratio Lower Upper  
43 100  
61 16.1 13.2 19.8  
70 11.5 11.3 16.9





#38

Carbon Tetrachloride

Concen: 6.079 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN078039.D

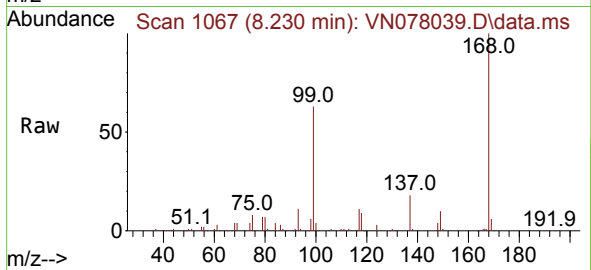
Acq: 05 Jun 2023 13:10

Instrument :

MSVOA\_N

ClientSampleId :

PB153198TB



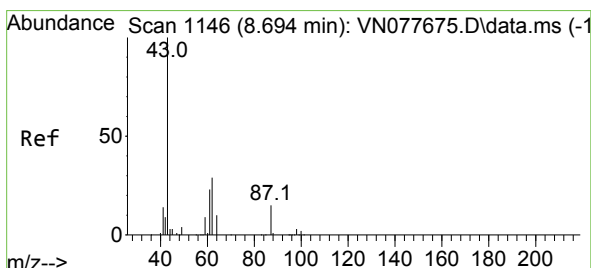
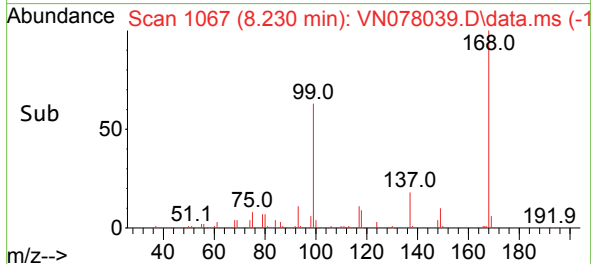
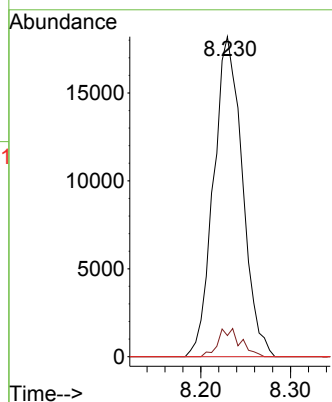
Tgt Ion:117 Resp: 40516

Ion Ratio Lower Upper

117 100

119 6.6 77.3 115.9#

121 0.0 23.3 34.9#



#43

Isopropyl Acetate

Concen: 29.994 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078039.D

Acq: 05 Jun 2023 13:10

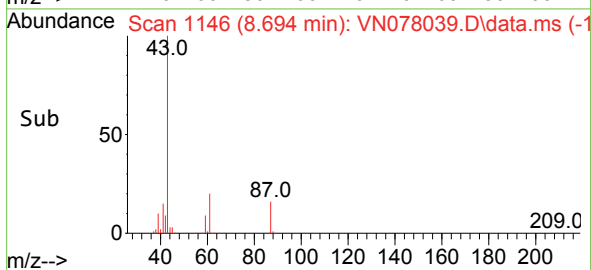
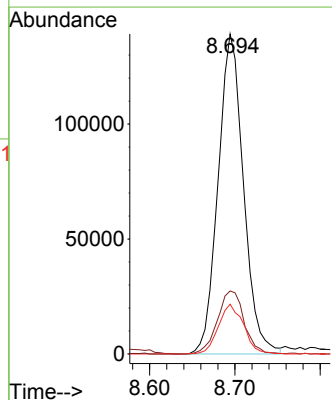
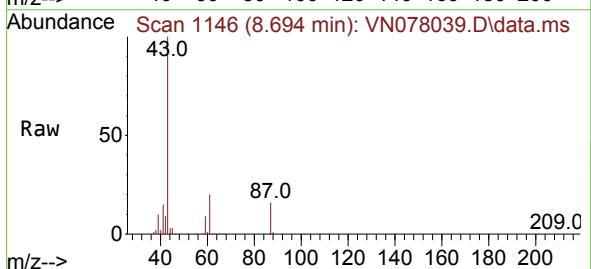
Tgt Ion: 43 Resp: 288236

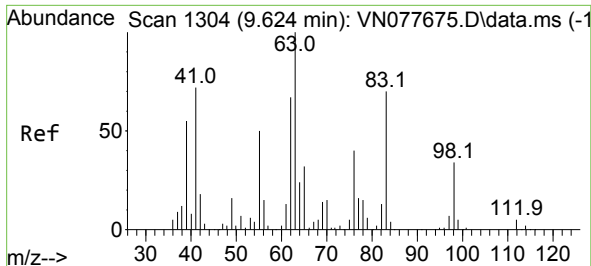
Ion Ratio Lower Upper

43 100

61 20.7 24.7 37.1#

87 15.5 14.6 21.8

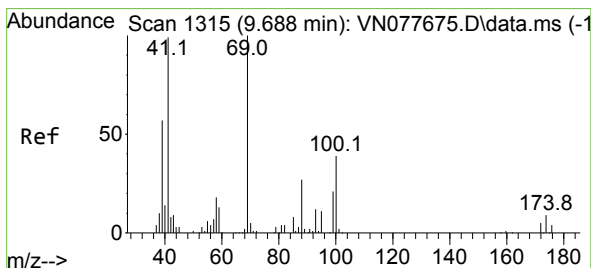
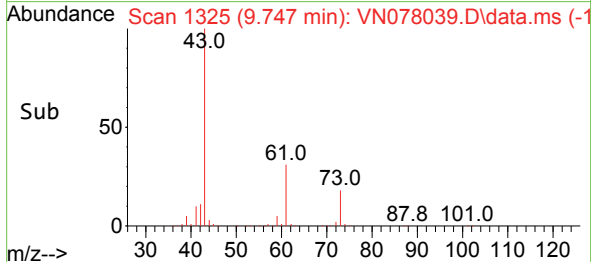
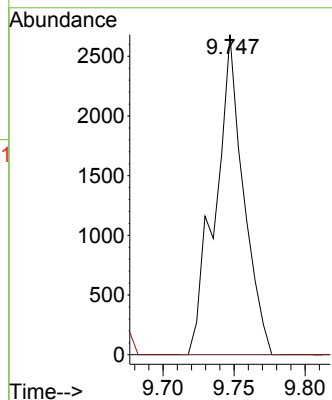
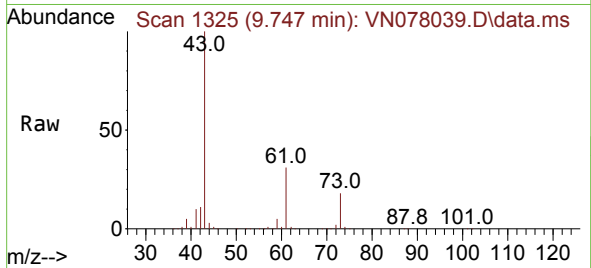




#45  
1,2-Dichloropropane  
Concen: 0.745 ug/l  
RT: 9.747 min Scan# 11  
Delta R.T. 0.123 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

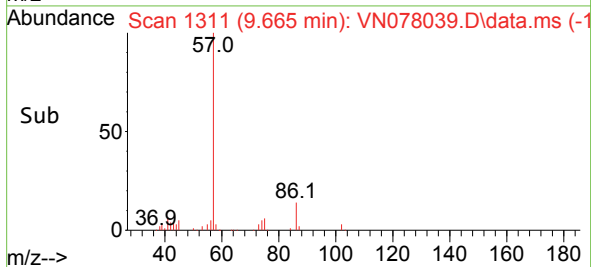
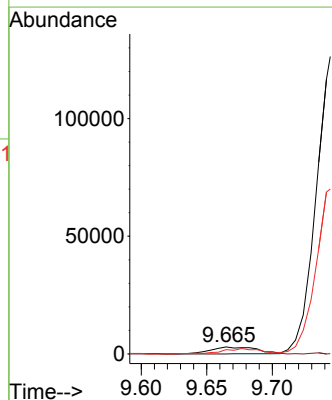
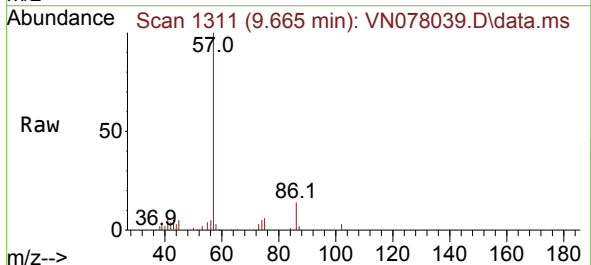
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB

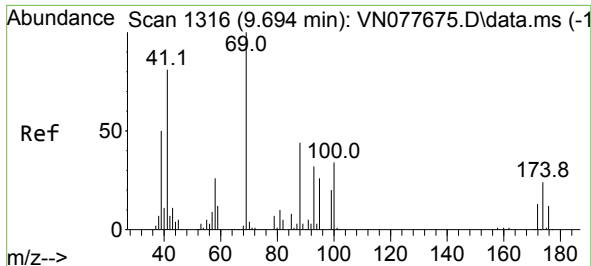
Tgt Ion: 63 Resp: 3701  
Ion Ratio Lower Upper  
63 100  
65 0.0 23.9 35.9#



#48  
Methyl methacrylate  
Concen: 1.620 ug/l  
RT: 9.665 min Scan# 1311  
Delta R.T. -0.023 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

Tgt Ion: 41 Resp: 7381  
Ion Ratio Lower Upper  
41 100  
69 3.1 90.4 135.6#  
39 63.0 54.6 81.8





#49

1,4-Dioxane

Concen: 1.650 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078039.D

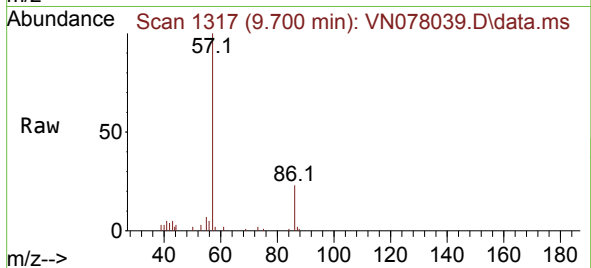
Acq: 05 Jun 2023 13:10

Instrument :

MSVOA\_N

ClientSampleId :

PB153198TB



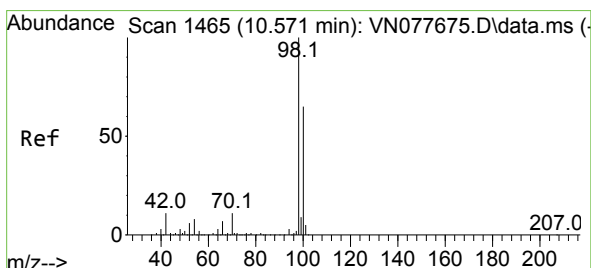
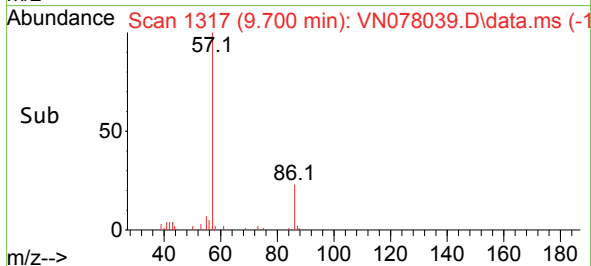
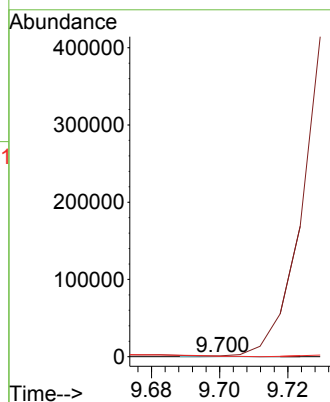
Tgt Ion: 88 Resp: 142

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 50.506 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078039.D

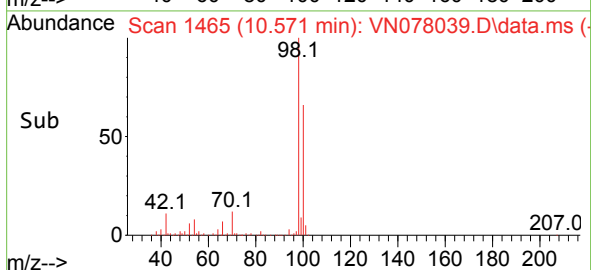
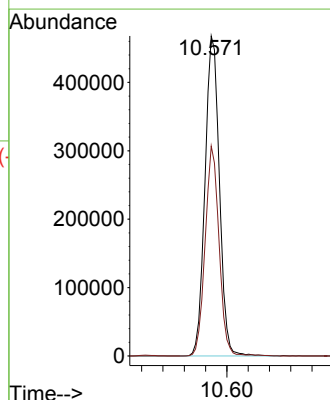
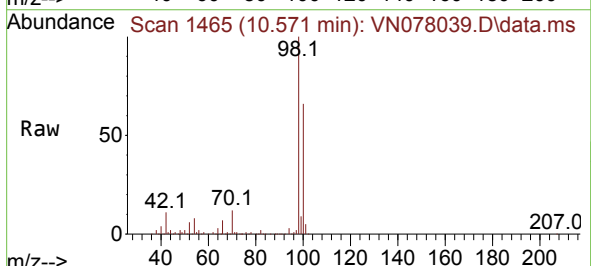
Acq: 05 Jun 2023 13:10

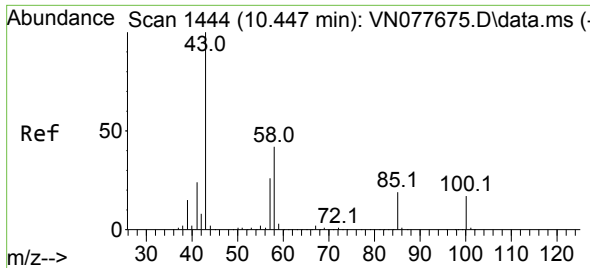
Tgt Ion: 98 Resp: 877306

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

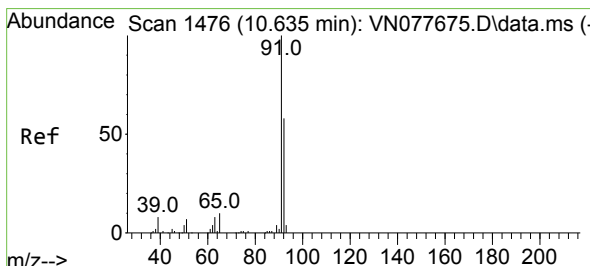
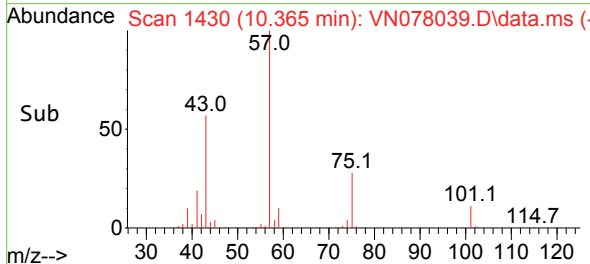
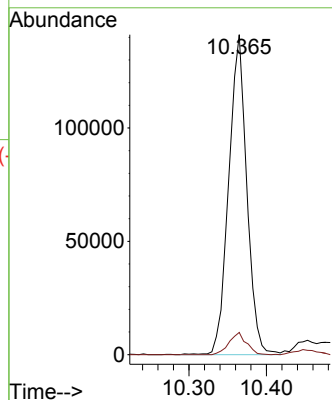
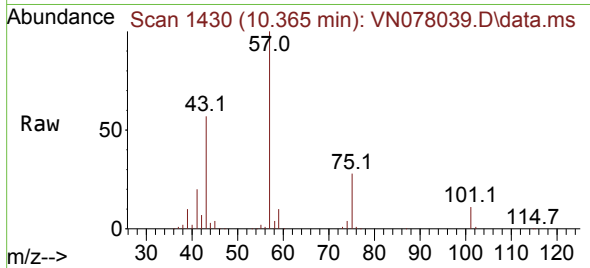




#51  
4-Methyl-2-Pentanone  
Concen: 40.206 ug/l  
RT: 10.365 min Scan# 1444  
Delta R.T. -0.082 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

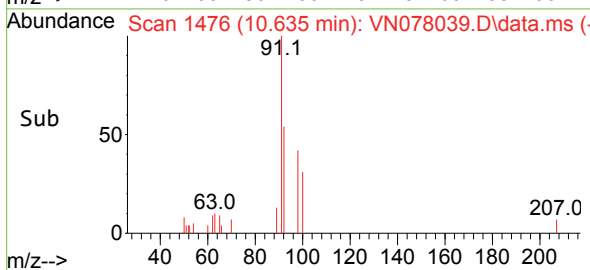
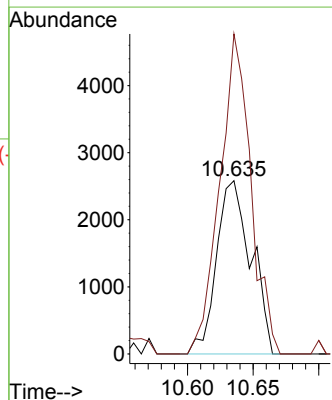
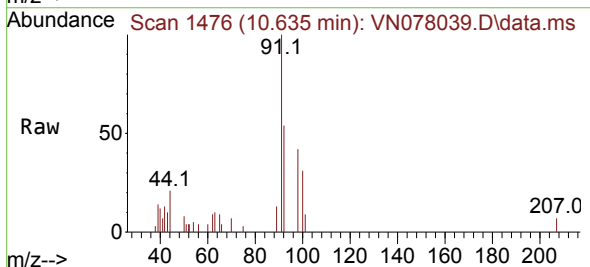
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB

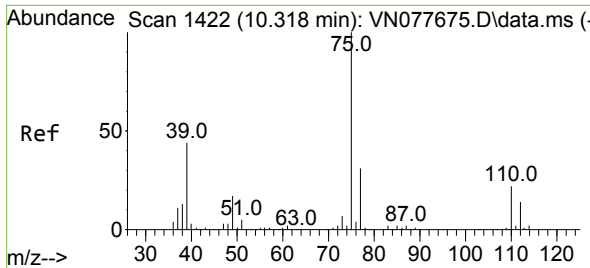
Tgt Ion: 43 Resp: 229667  
Ion Ratio Lower Upper  
43 100  
58 6.7 36.6 54.8#



#52  
Toluene  
Concen: 0.392 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

Tgt Ion: 92 Resp: 4748  
Ion Ratio Lower Upper  
92 100  
91 165.7 137.4 206.0

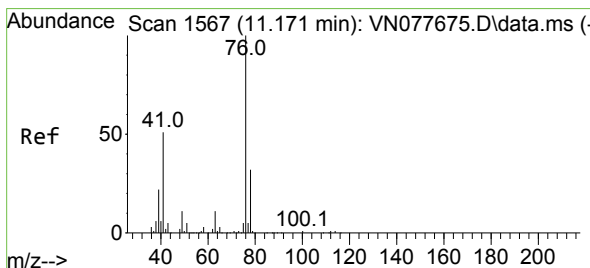
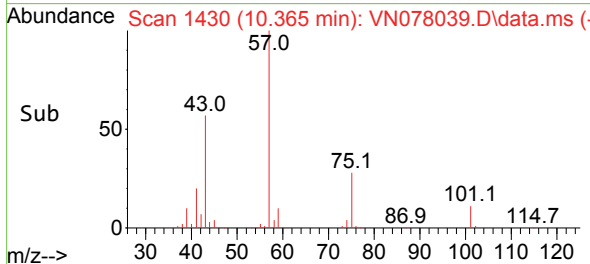
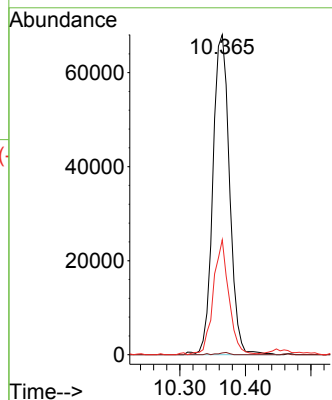
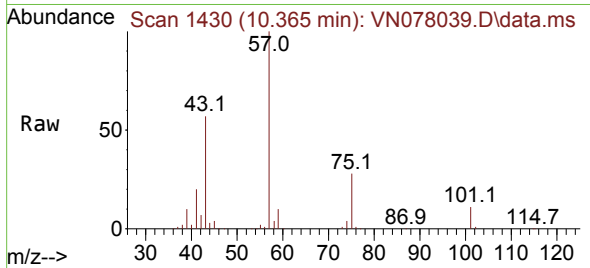




#54  
 cis-1,3-Dichloropropene  
 Concen: 15.109 ug/l  
 RT: 10.365 min Scan# 14  
 Delta R.T. 0.047 min  
 Lab File: VN078039.D  
 Acq: 05 Jun 2023 13:10

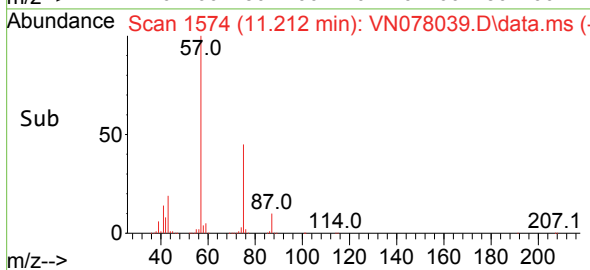
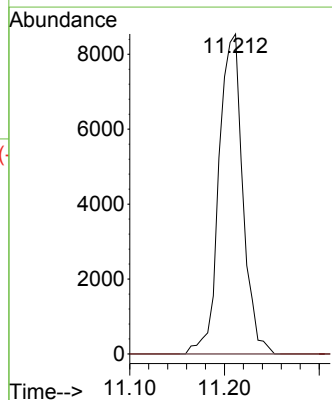
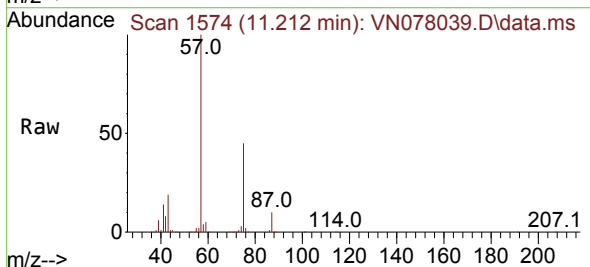
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB153198TB

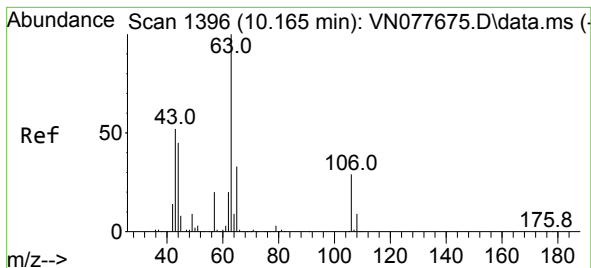
Tgt Ion: 75 Resp: 120015  
 Ion Ratio Lower Upper  
 75 100  
 77 0.5 26.1 39.1#  
 39 35.5 31.6 47.4



#57  
 1,3-Dichloropropane  
 Concen: 1.808 ug/l  
 RT: 11.212 min Scan# 1574  
 Delta R.T. 0.041 min  
 Lab File: VN078039.D  
 Acq: 05 Jun 2023 13:10

Tgt Ion: 76 Resp: 14922  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 26.1 39.1#

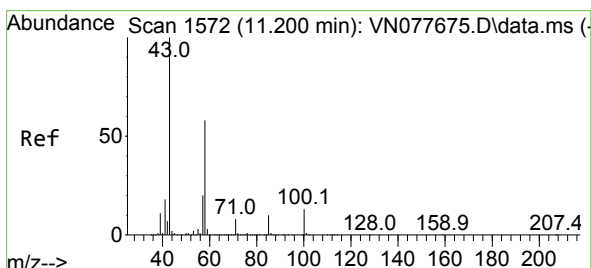
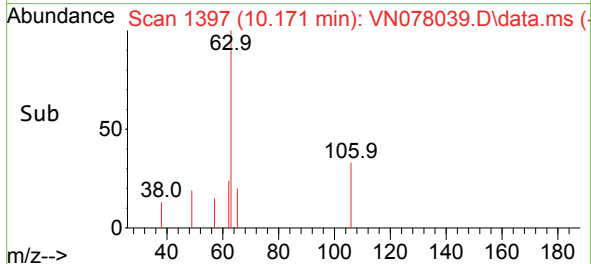
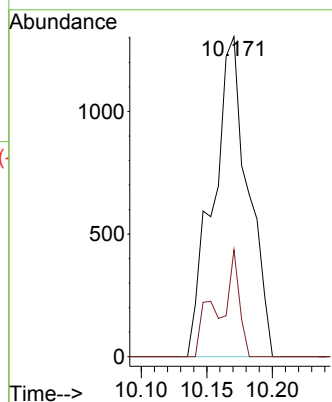
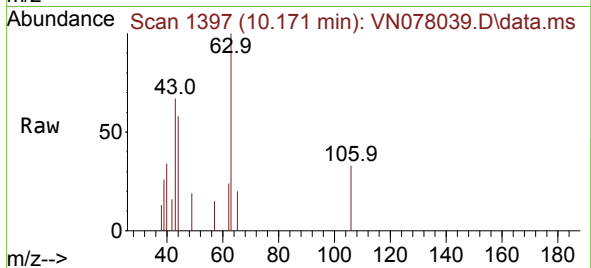




#58  
2-Chloroethyl Vinyl ether  
Concen: 0.675 ug/l  
RT: 10.171 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

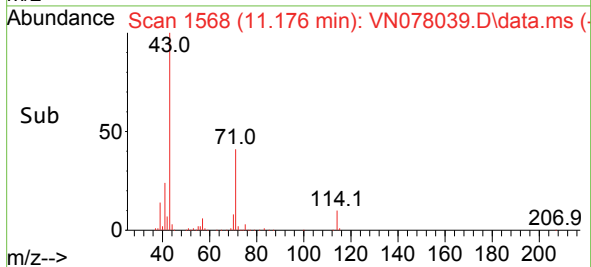
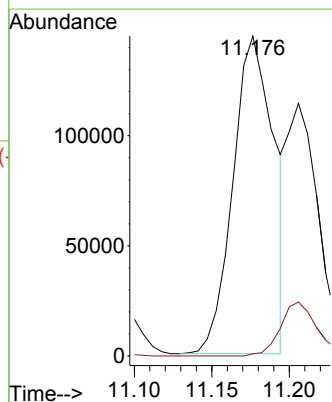
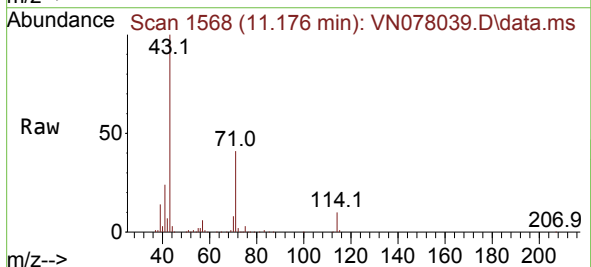
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB

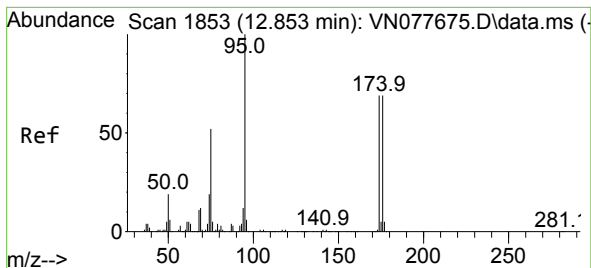
Tgt Ion: 63 Resp: 2419  
Ion Ratio Lower Upper  
63 100  
106 19.8 26.2 39.4#



#59  
2-Hexanone  
Concen: 62.700 ug/l  
RT: 11.176 min Scan# 1568  
Delta R.T. -0.024 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

Tgt Ion: 43 Resp: 264914  
Ion Ratio Lower Upper  
43 100  
58 0.0 31.7 95.1#

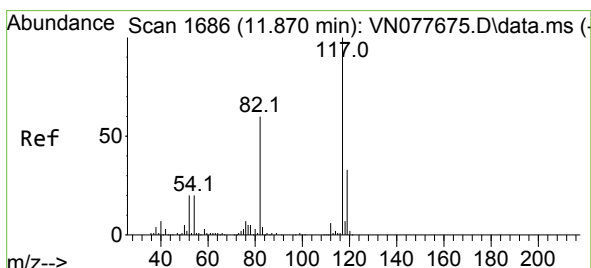
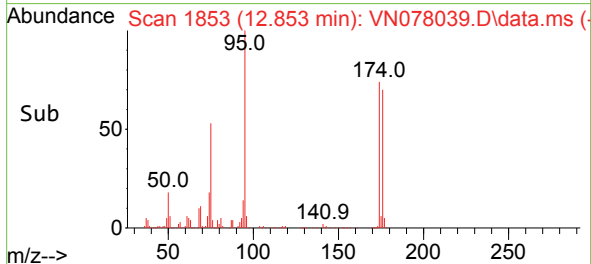
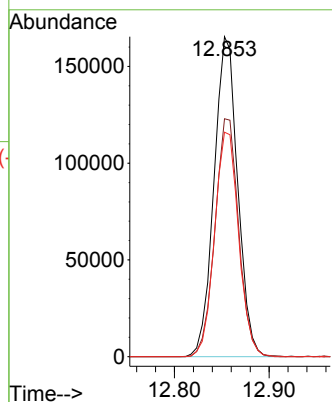
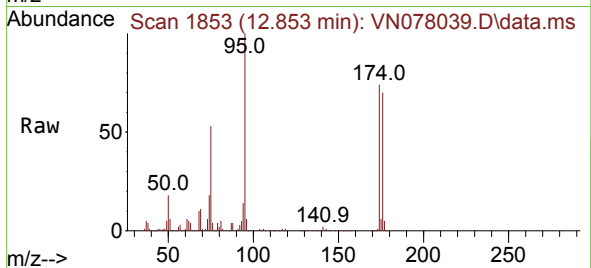




#62  
4-Bromofluorobenzene  
Concen: 46.860 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

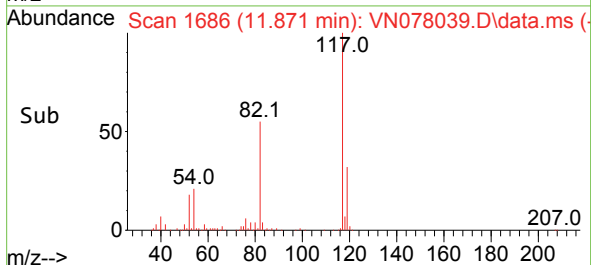
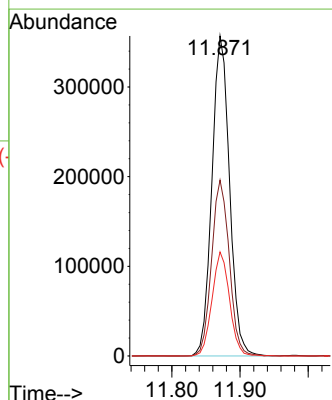
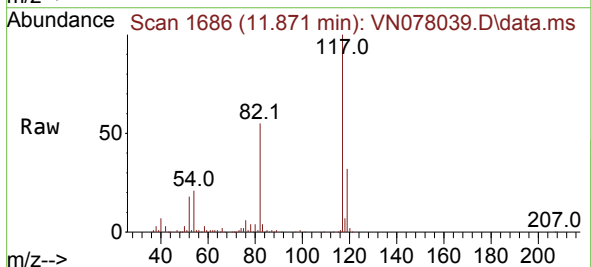
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB

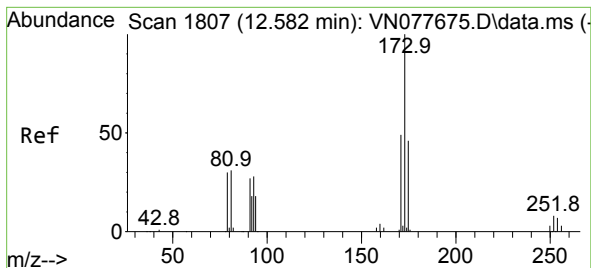
Tgt Ion: 95 Resp: 287480  
Ion Ratio Lower Upper  
95 100  
174 74.5 0.0 143.8  
176 71.3 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.001 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

Tgt Ion: 117 Resp: 643555  
Ion Ratio Lower Upper  
117 100  
82 55.0 44.0 66.0  
119 32.5 25.6 38.4





#71

Bromoform

Concen: 0.494 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN078039.D

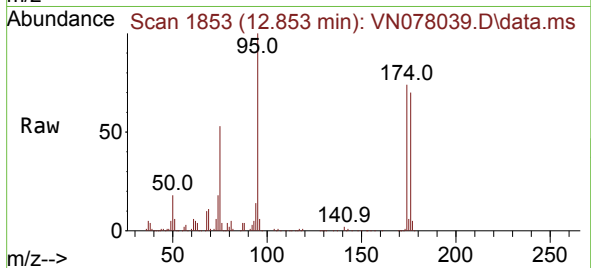
Acq: 05 Jun 2023 13:10

Instrument :

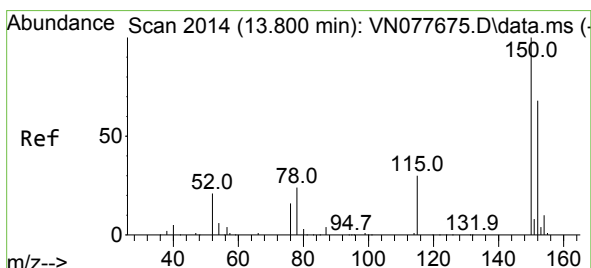
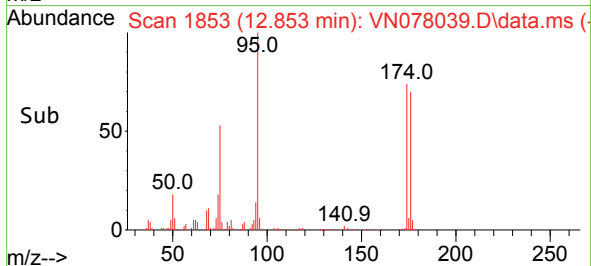
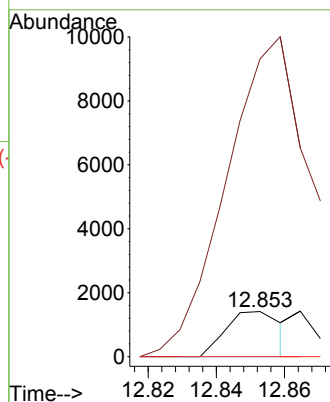
MSVOA\_N

ClientSampleId :

PB153198TB



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 1585  |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 0.0   | 24.3  | 73.0# |
| 254       | 0.0   | 0.0   | 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

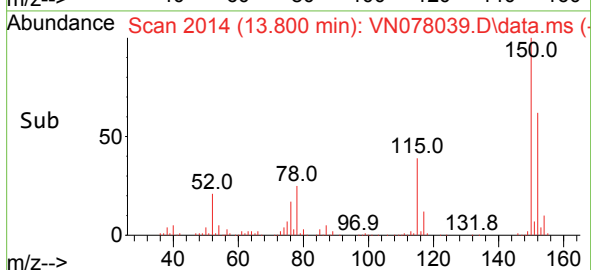
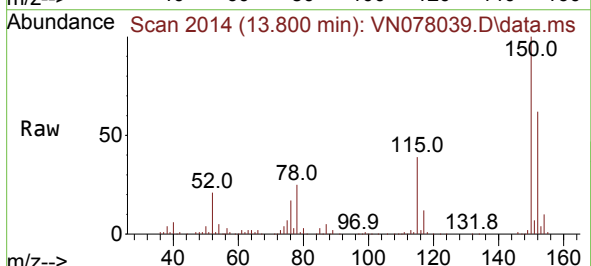
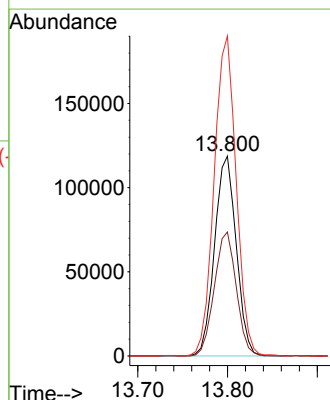
RT: 13.800 min Scan# 2014

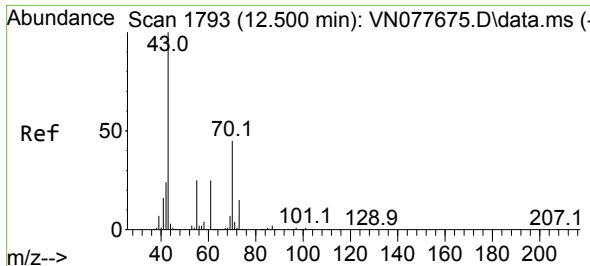
Delta R.T. -0.000 min

Lab File: VN078039.D

Acq: 05 Jun 2023 13:10

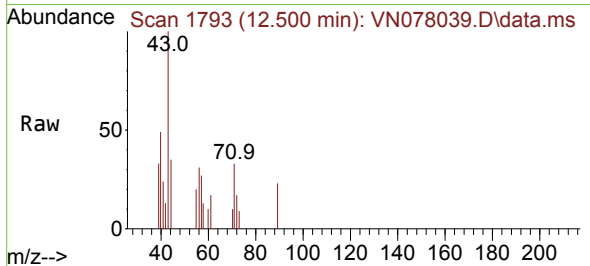
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 199119 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 62.8  | 32.3  | 96.8   |
| 150       | 162.7 | 0.0   | 355.8  |



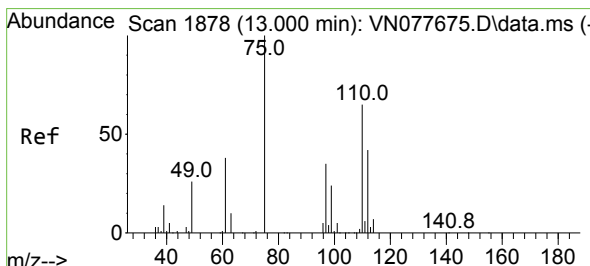
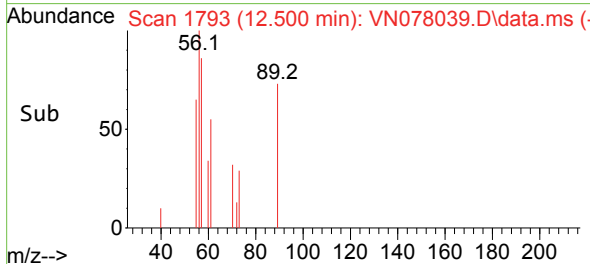
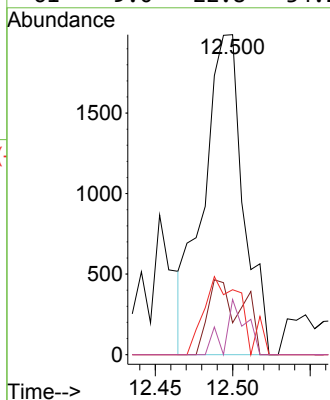


#74  
N-amy1 acetate  
Concen: 0.561 ug/l  
RT: 12.500 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB

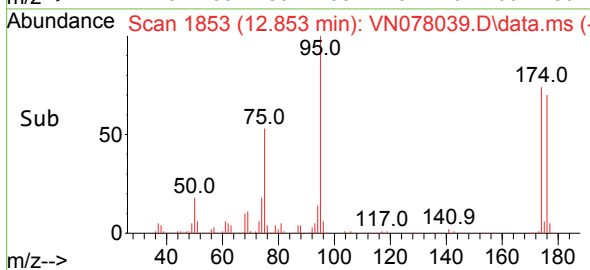
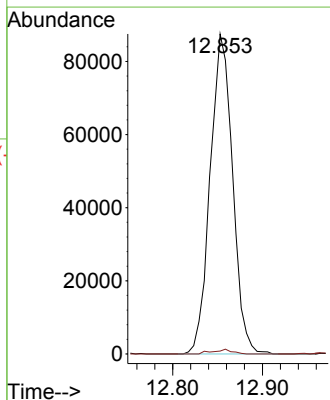
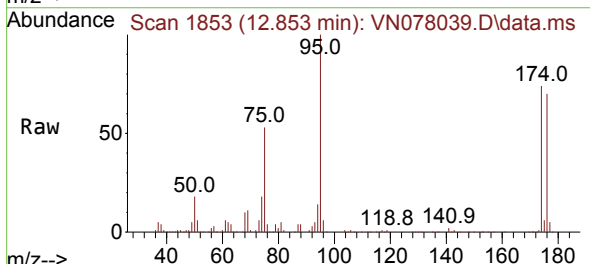


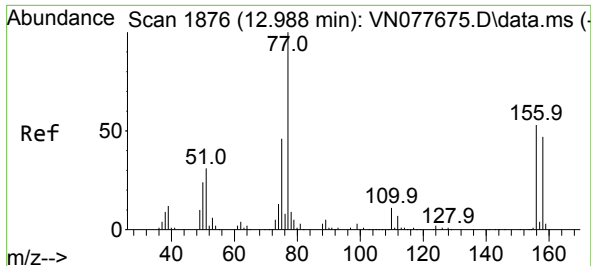
| Tgt Ion: | 43    | Resp: | 3558  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 19.8  | 43.4  | 65.2# |
| 55       | 23.1  | 21.4  | 32.0  |
| 61       | 9.0   | 22.8  | 34.2# |



#76  
1,2,3-Trichloropropane  
Concen: 30.470 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.147 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

| Tgt Ion: | 75    | Resp: | 151945 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 1.2   | 84.5  | 253.5# |

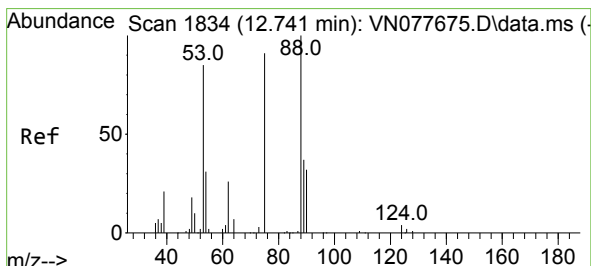
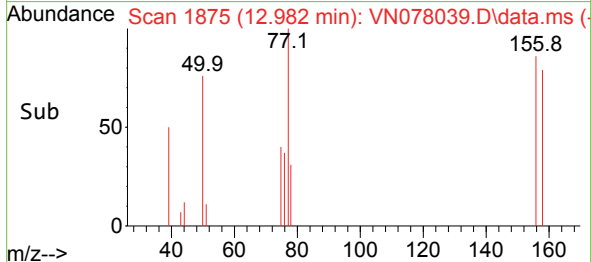
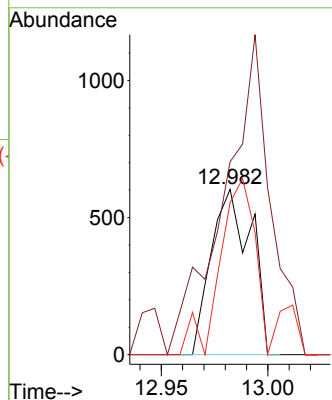
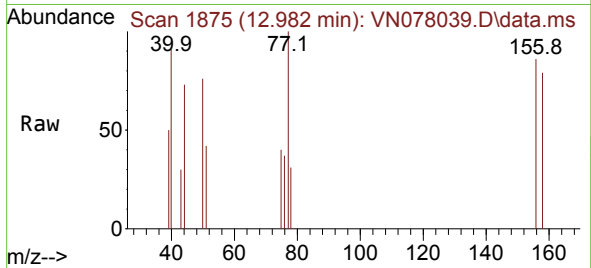




#77  
 Bromobenzene  
 Concen: 0.201 ug/l  
 RT: 12.982 min Scan# 1875  
 Delta R.T. -0.006 min  
 Lab File: VN078039.D  
 Acq: 05 Jun 2023 13:10

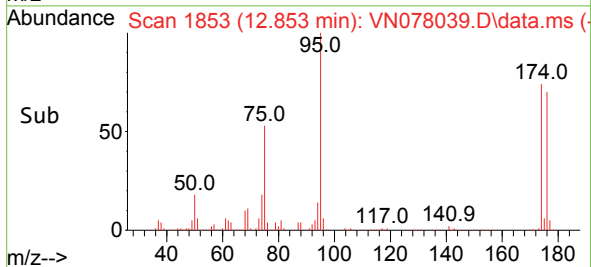
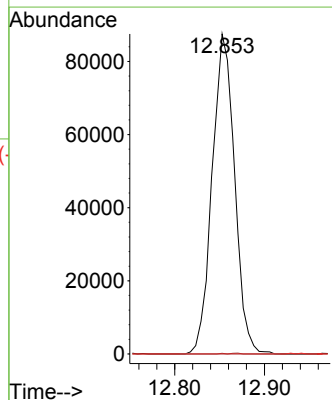
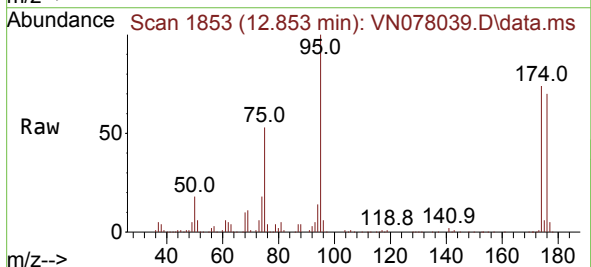
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB153198TB

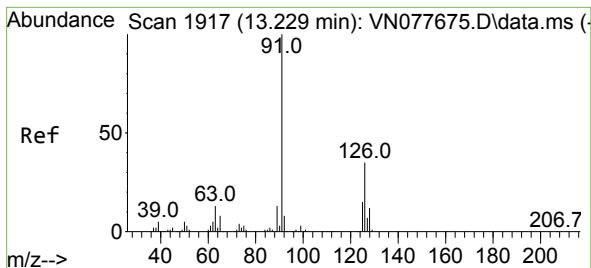
Tgt Ion:156 Resp: 789  
 Ion Ratio Lower Upper  
 156 100  
 77 224.0 107.7 323.3  
 158 108.5 48.4 145.3



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 97.399 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. 0.112 min  
 Lab File: VN078039.D  
 Acq: 05 Jun 2023 13:10

Tgt Ion: 75 Resp: 151945  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 67.4 101.2#  
 89 0.0 38.8 58.2#

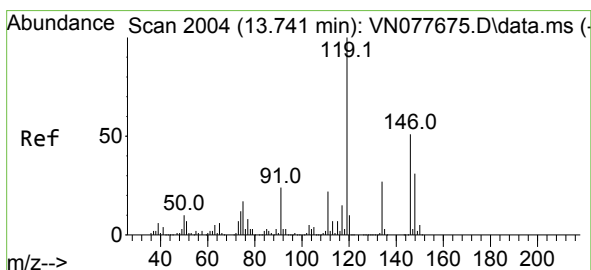
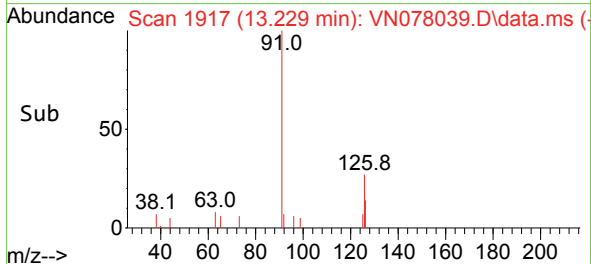
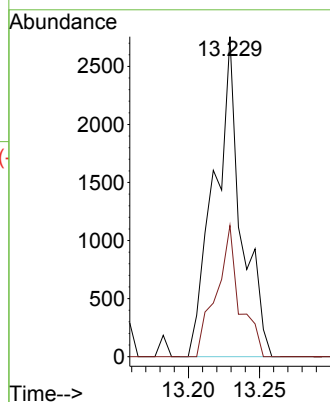
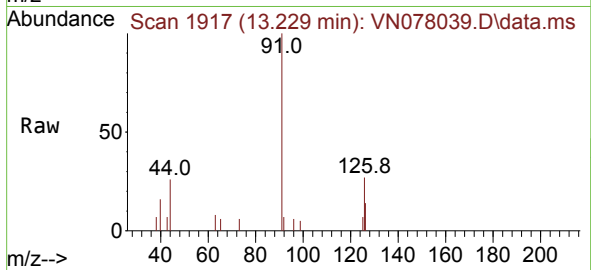




#82  
4-Chlorotoluene  
Concen: 0.301 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

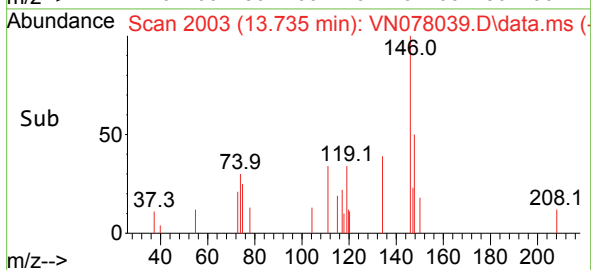
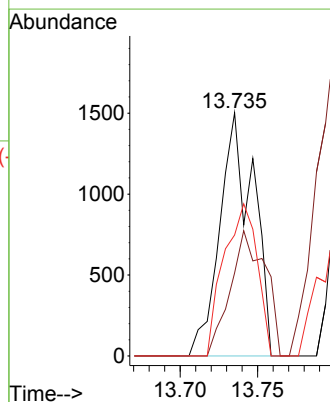
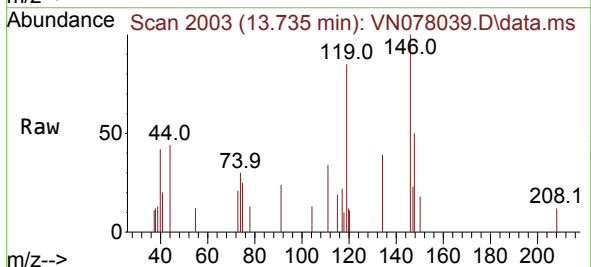
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB

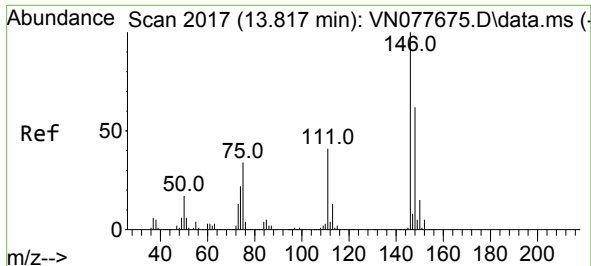
Tgt Ion: 91 Resp: 3616  
Ion Ratio Lower Upper  
91 100  
126 35.7 16.7 50.0



#87  
1,3-Dichlorobenzene  
Concen: 0.311 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.006 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

Tgt Ion: 146 Resp: 2254  
Ion Ratio Lower Upper  
146 100  
111 53.6 22.1 66.3  
148 62.3 32.0 96.0

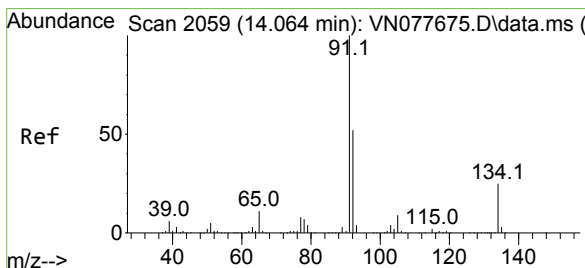
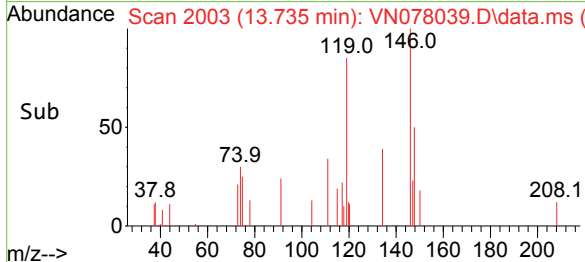
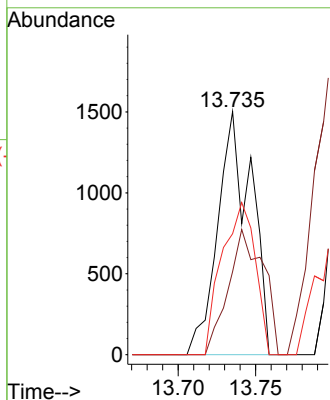
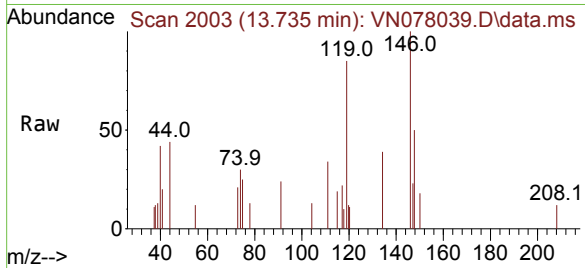




#88  
1,4-Dichlorobenzene  
Concen: 0.314 ug/l  
RT: 13.735 min Scan# 2017  
Delta R.T. -0.082 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

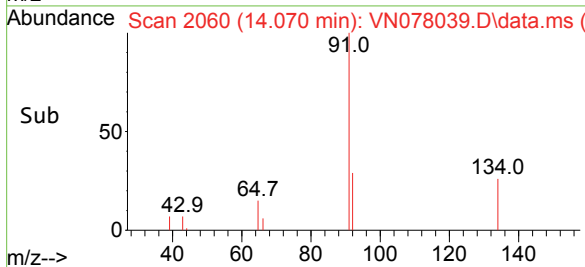
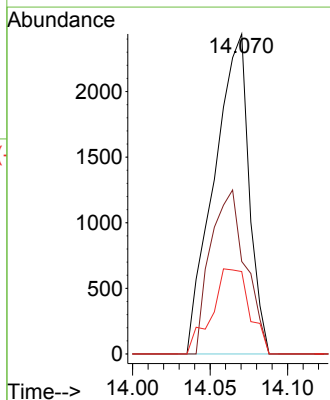
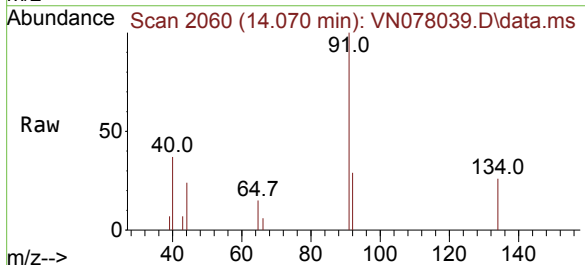
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB

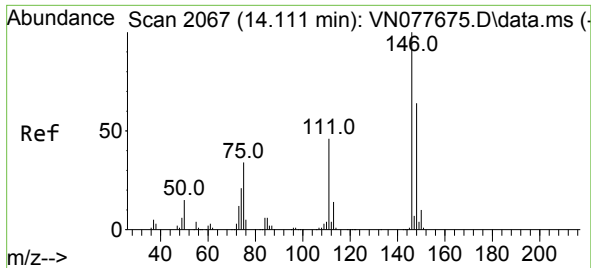
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:146 | Resp: | 2254        |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 53.6  | 20.6 61.8   |
| 148         | 62.3  | 31.6 94.8   |



#89  
n-Butylbenzene  
Concen: 0.291 ug/l  
RT: 14.070 min Scan# 2060  
Delta R.T. 0.006 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 91 | Resp: | 3815        |
| Ion         | Ratio | Lower Upper |
| 91          | 100   |             |
| 92          | 51.6  | 26.4 79.0   |
| 134         | 28.8  | 12.6 37.6   |





#91

1,2-Dichlorobenzene

Concen: 0.347 ug/l

RT: 14.117 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN078039.D

Acq: 05 Jun 2023 13:10

Instrument :

MSVOA\_N

ClientSampleId :

PB153198TB

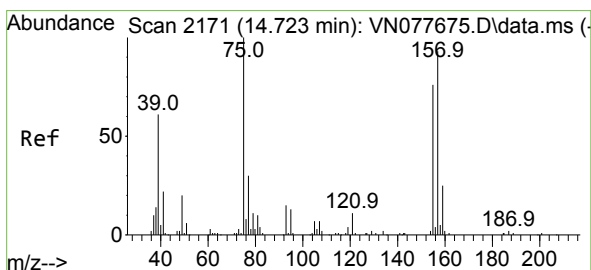
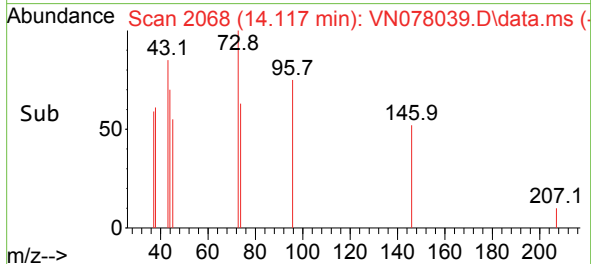
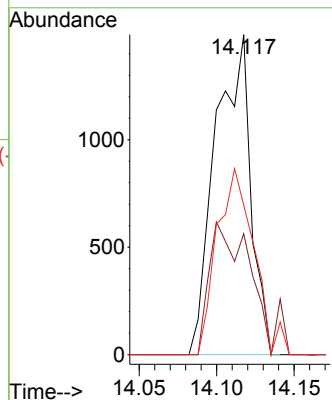
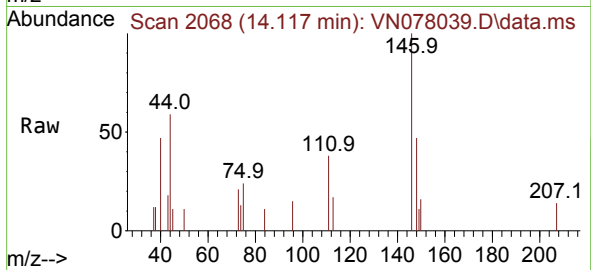
Tgt Ion:146 Resp: 2346

Ion Ratio Lower Upper

146 100

111 50.2 22.0 66.0

148 61.1 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.256 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078039.D

Acq: 05 Jun 2023 13:10

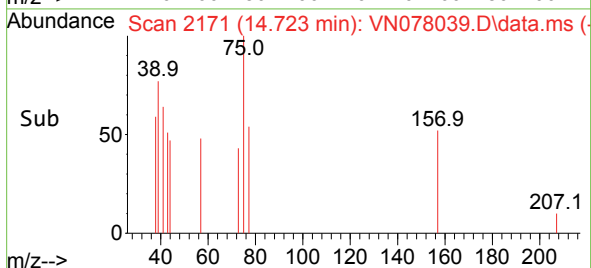
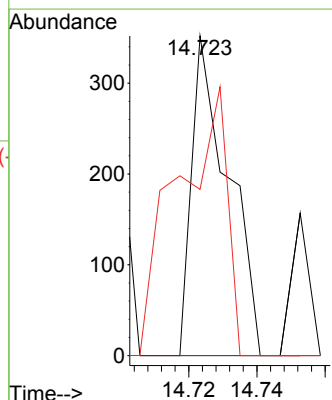
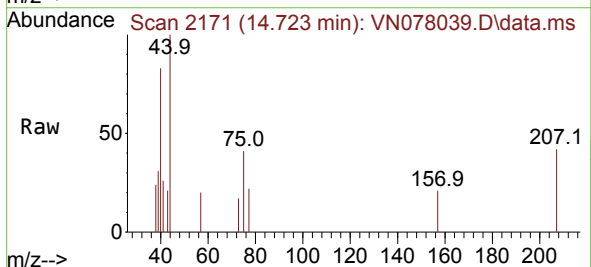
Tgt Ion: 75 Resp: 262

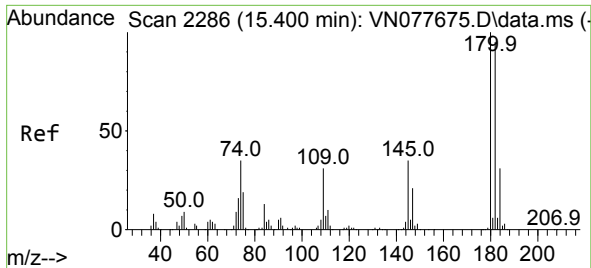
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

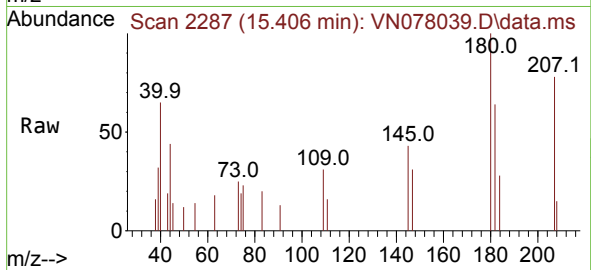
157 115.6 50.3 150.9



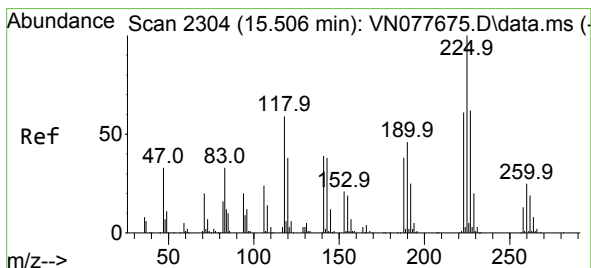
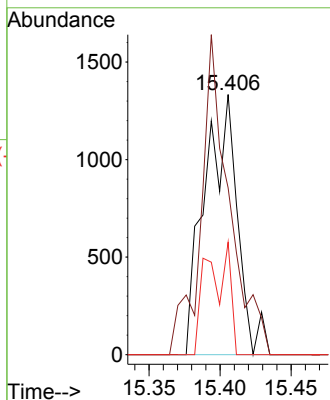
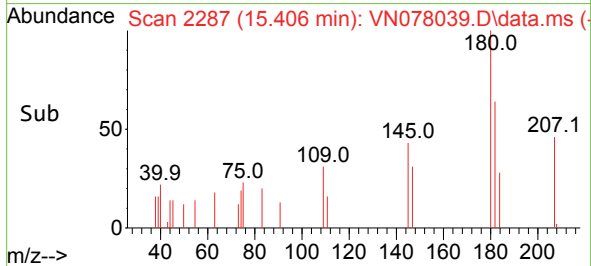


#93  
1,2,4-Trichlorobenzene  
Concen: 0.540 ug/l  
RT: 15.406 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10

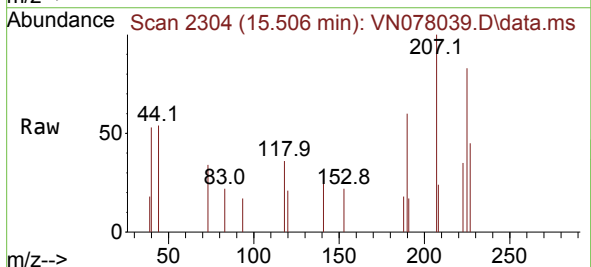
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153198TB



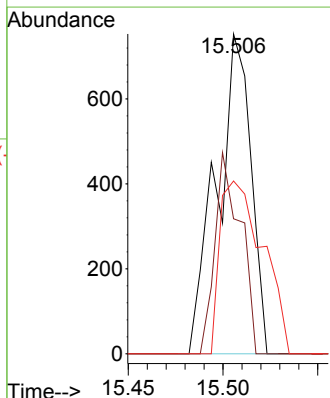
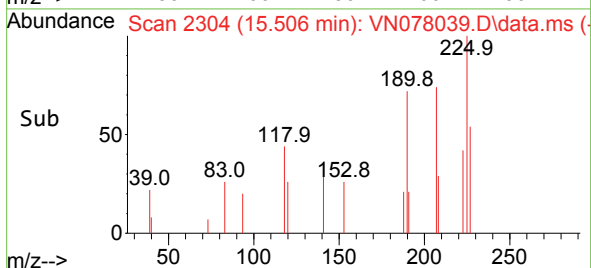
Tgt Ion:180 Resp: 2135  
Ion Ratio Lower Upper  
180 100  
182 106.2 46.1 138.2  
145 29.8 16.6 49.8

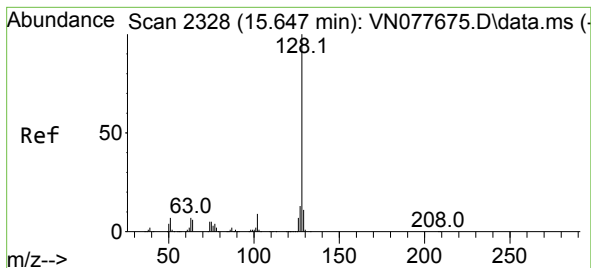


#94  
Hexachlorobutadiene  
Concen: 0.572 ug/l  
RT: 15.506 min Scan# 2304  
Delta R.T. -0.000 min  
Lab File: VN078039.D  
Acq: 05 Jun 2023 13:10



Tgt Ion:225 Resp: 940  
Ion Ratio Lower Upper  
225 100  
223 47.2 31.3 93.8  
227 68.1 31.9 95.9





#95

Naphthalene

Concen: 0.508 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078039.D

Acq: 05 Jun 2023 13:10

Instrument :

MSVOA\_N

ClientSampleId :

PB153198TB

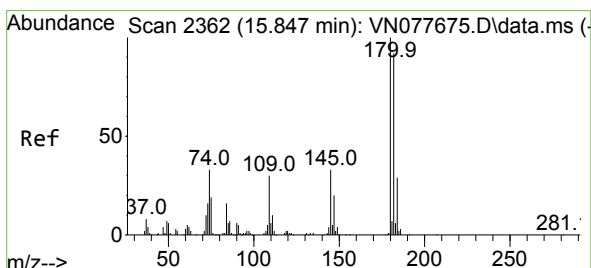
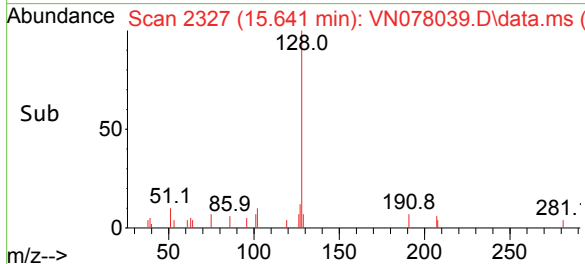
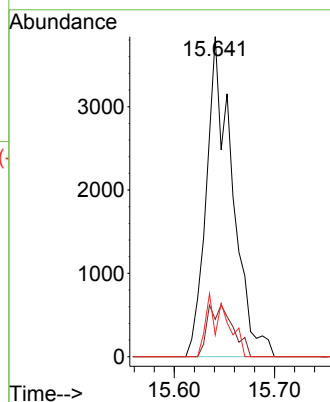
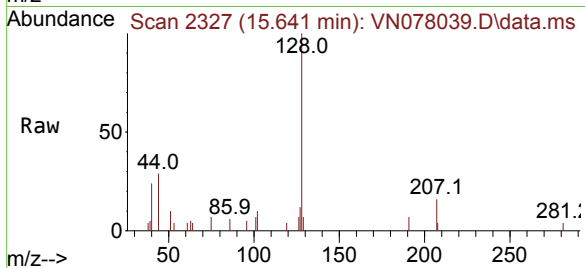
Tgt Ion:128 Resp: 6908

Ion Ratio Lower Upper

128 100

127 15.7 10.0 15.0#

129 15.1 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.662 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078039.D

Acq: 05 Jun 2023 13:10

Tgt Ion:180 Resp: 2563

Ion Ratio Lower Upper

180 100

182 105.8 46.2 138.6

145 51.4 17.5 52.6

