

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111723\  
 Data File : VN080175.D  
 Acq On : 17 Nov 2023 20:03  
 Operator : JC\MD  
 Sample : 05462-07  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 18 02:38:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 17 01:19:32 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.229  | 168  | 162609   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 315914   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.870 | 117  | 347550   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 162766   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 152528   | 56.809   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 113.620% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 117099   | 50.235   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 100.460% |      |
| 50) Toluene-d8              | 10.570 | 98    | 434647   | 51.726   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 103.460% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 177890   | 56.048   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 112.100% |      |

|                             |        |     |        |           |        |     |
|-----------------------------|--------|-----|--------|-----------|--------|-----|
| Target Compounds            |        |     | Qvalue |           |        |     |
| 3) Chloromethane            | 2.365  | 50  | 396    | 0.217     | ug/l # | 42  |
| 6) Chloroethane             | 3.118  | 64  | 670    | Below Cal | #      | 43  |
| 11) Tert butyl alcohol      | 5.524  | 59  | 552    | 1.870     | ug/l # | 72  |
| 13) Acrolein                | 4.177  | 56  | 94     | 0.360     | ug/l # | 16  |
| 14) Allyl chloride          | 5.265  | 41  | 1018   | 0.471     | ug/l # | 19  |
| 16) Acetone                 | 4.436  | 43  | 30944  | 34.313    | ug/l   | 92  |
| 17) Carbon Disulfide        | 4.736  | 76  | 1350   | 0.263     | ug/l # | 75  |
| 18) Methyl Acetate          | 5.041  | 43  | 3680   | 1.270     | ug/l # | 60  |
| 20) Methylene Chloride      | 5.277  | 84  | 90229  | 47.778    | ug/l   | 95  |
| 25) 2-Butanone              | 7.506  | 43  | 3760   | 3.509     | ug/l # | 72  |
| 29) Tetrahydrofuran         | 7.847  | 42  | 173    | 0.301     | ug/l # | 20  |
| 31) Cyclohexane             | 8.229  | 56  | 4582   | 1.569     | ug/l # | 48  |
| 36) 1,1-Dichloropropene     | 8.229  | 75  | 14890  | 4.412     | ug/l # | 49  |
| 37) Ethyl Acetate           | 7.565  | 43  | 3096   | 1.323     | ug/l # | 74  |
| 38) Carbon Tetrachloride    | 8.229  | 117 | 18616  | 4.347     | ug/l # | 15  |
| 40) Benzene                 | 8.612  | 78  | 138119 | 14.400    | ug/l   | 100 |
| 42) 1,2-Dichloroethane      | 8.694  | 62  | 955    | 0.243     | ug/l # | 73  |
| 43) Isopropyl Acetate       | 8.694  | 43  | 137348 | 30.151    | ug/l # | 84  |
| 45) 1,2-Dichloropropane     | 9.747  | 63  | 1802   | 0.808     | ug/l # | 45  |
| 48) Methyl methacrylate     | 9.671  | 41  | 4152   | 1.769     | ug/l # | 28  |
| 49) 1,4-Dioxane             | 9.753  | 88  | 140    | 3.585     | ug/l # | 1   |
| 51) 4-Methyl-2-Pentanone    | 10.447 | 43  | 24690  | 10.469    | ug/l   | 90  |
| 52) Toluene                 | 10.635 | 92  | 88677  | 14.773    | ug/l   | 97  |
| 53) t-1,3-Dichloropropene   | 10.735 | 75  | 957    | 0.251     | ug/l # | 34  |
| 54) cis-1,3-Dichloropropene | 10.359 | 75  | 47589  | 12.215    | ug/l # | 69  |
| 56) Ethyl methacrylate      | 10.982 | 69  | 1874   | 0.801     | ug/l # | 1   |
| 57) 1,3-Dichloropropane     | 11.200 | 76  | 6228   | 1.557     | ug/l # | 42  |
| 59) 2-Hexanone              | 11.176 | 43  | 96953  | 51.159    | ug/l # | 19  |
| 67) Ethyl Benzene           | 11.970 | 91  | 16543  | 1.181     | ug/l   | 91  |
| 68) m/p-Xylenes             | 12.070 | 106 | 26400  | 5.167     | ug/l   | 87  |
| 69) o-Xylene                | 12.406 | 106 | 18140  | 3.767     | ug/l   | 87  |
| 70) Styrene                 | 12.412 | 104 | 7719   | 1.077     | ug/l # | 63  |
| 71) Bromoform               | 12.853 | 173 | 1025   | 0.452     | ug/l # | 1   |
| 74) N-amyl acetate          | 12.459 | 43  | 1832   | 0.464     | ug/l # | 36  |
| 76) 1,2,3-Trichloropropane  | 12.853 | 75  | 98777  | 24.768    | ug/l # | 1   |
| 80) 1,3,5-Trimethylbenzene  | 13.176 | 105 | 3772   | 0.343     | ug/l   | 89  |

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Sample : 05462-07  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Nov 18 02:38:20 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 17 01:19:32 2023  
Response via : Initial Calibration

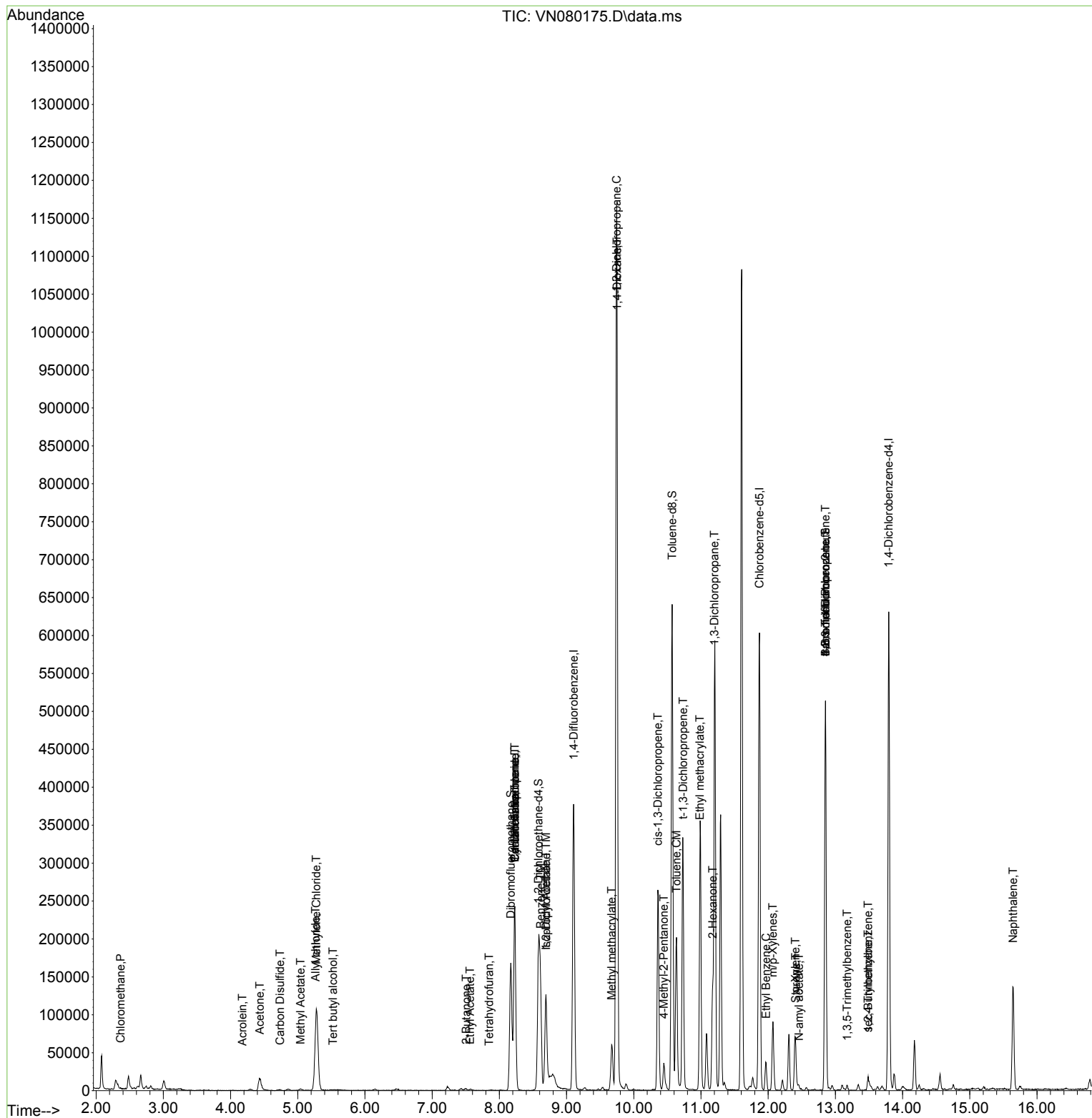
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75   | 98777    | 83.682 | ug/l # | 15       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 11591    | 1.069  | ug/l   | 81       |
| 85) sec-Butylbenzene          | 13.488 | 105  | 11591    | 1.038  | ug/l # | 57       |
| 95) Naphthalene               | 15.647 | 128  | 125280   | 13.511 | ug/l   | 98       |

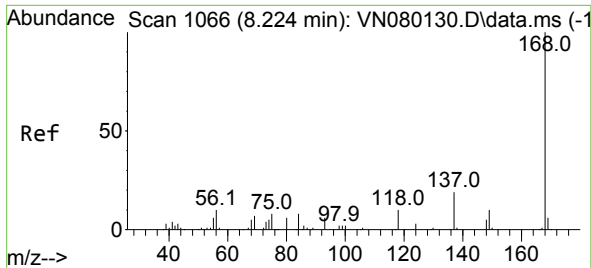
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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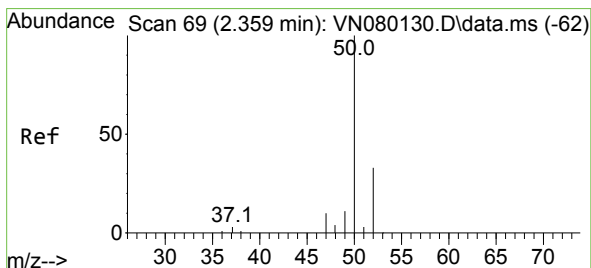
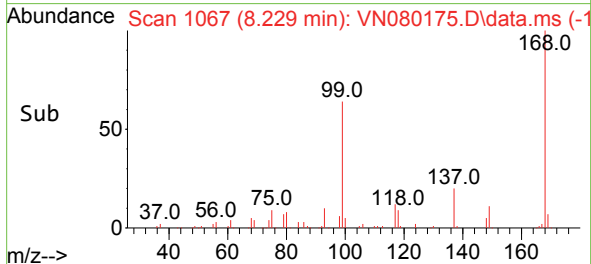
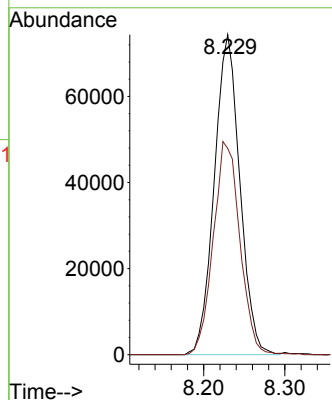
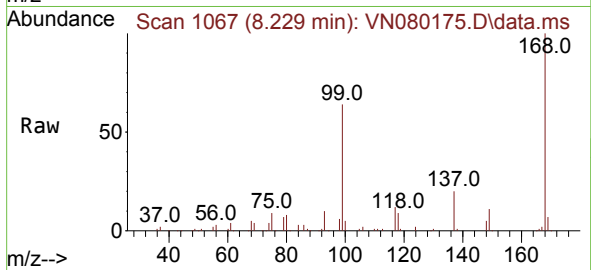




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 10  
Delta R.T. 0.005 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

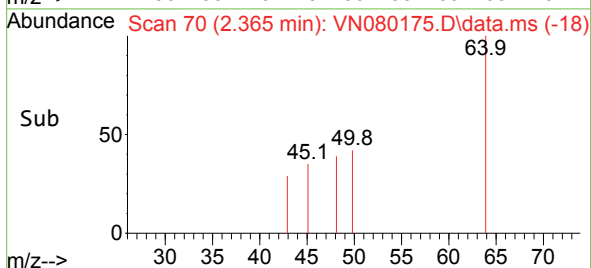
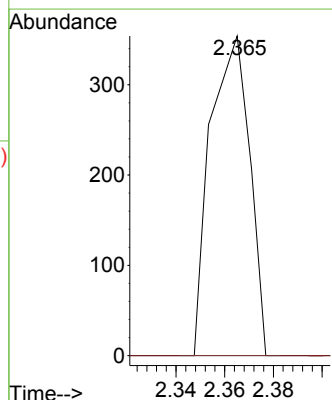
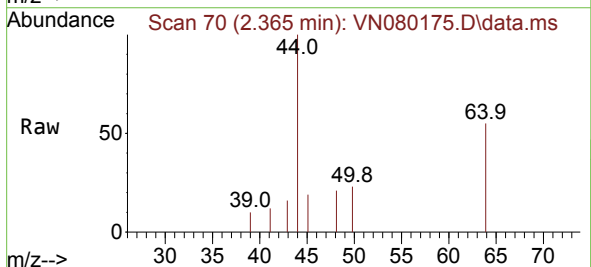
Instrument :  
MSVOA\_N  
ClientSampleId :

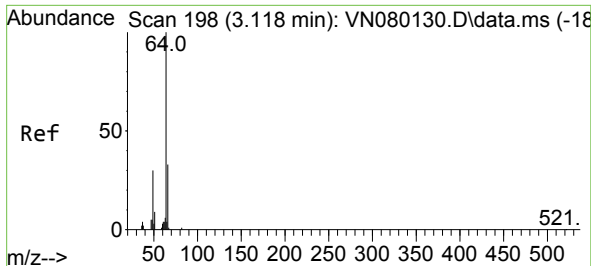
Tgt Ion:168 Resp: 162609  
Ion Ratio Lower Upper  
168 100  
99 64.4 53.0 79.6



#3  
Chloromethane  
Concen: 0.217 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

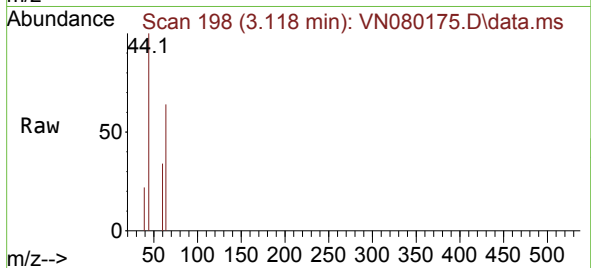
Tgt Ion: 50 Resp: 396  
Ion Ratio Lower Upper  
50 100  
52 0.0 26.5 39.7#



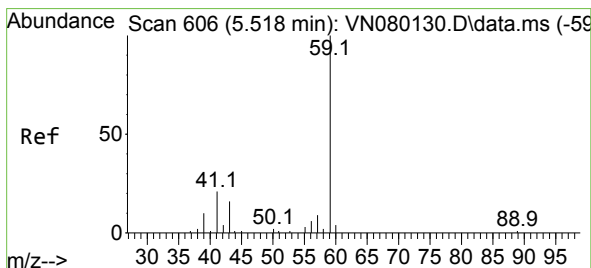
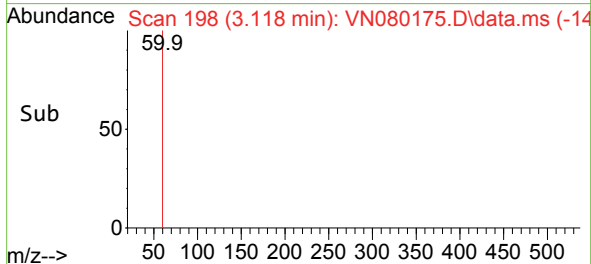
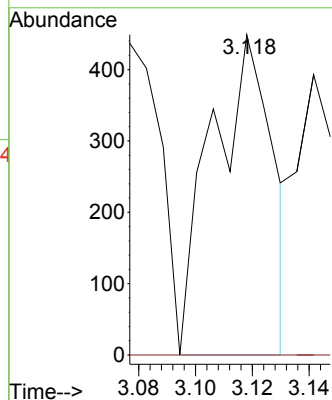


#6  
Chloroethane  
Concen: Below Cal  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

Instrument :  
MSVOA\_N  
ClientSampleId :

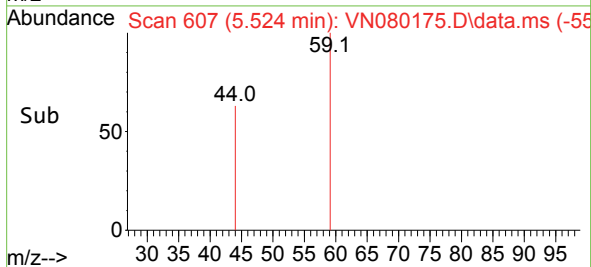
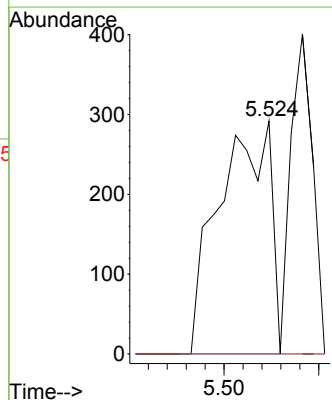
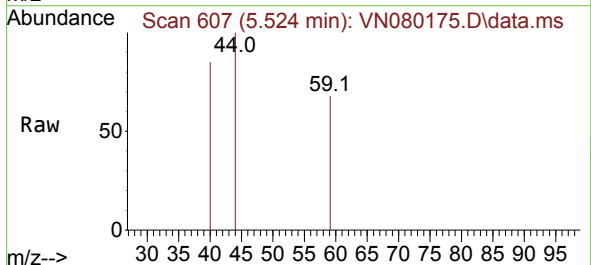


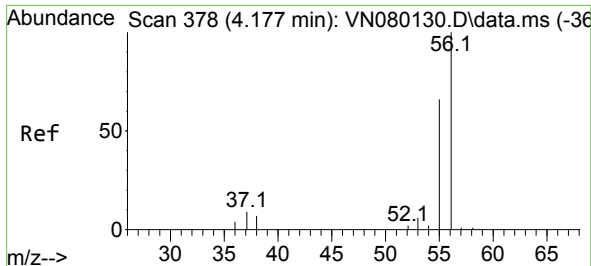
Tgt Ion: 64 Resp: 670  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.4 38.2#



#11  
Tert butyl alcohol  
Concen: 1.870 ug/l  
RT: 5.524 min Scan# 607  
Delta R.T. 0.006 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

Tgt Ion: 59 Resp: 552  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.360 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080175.D

Acq: 17 Nov 2023 20:03

Instrument :

MSVOA\_N

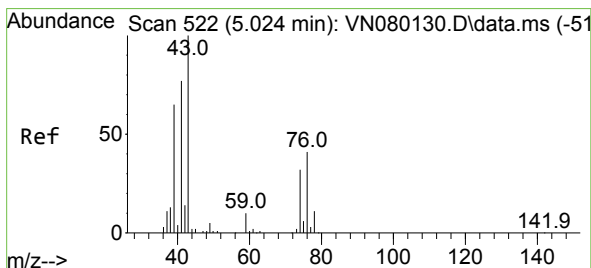
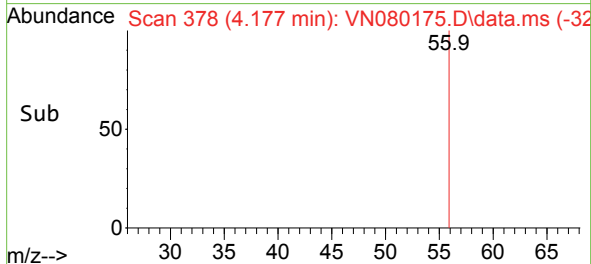
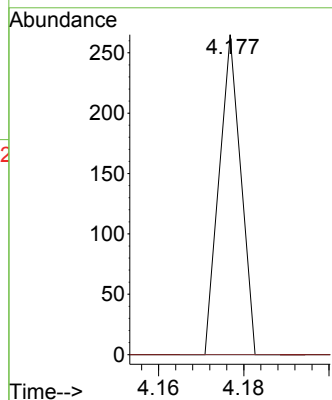
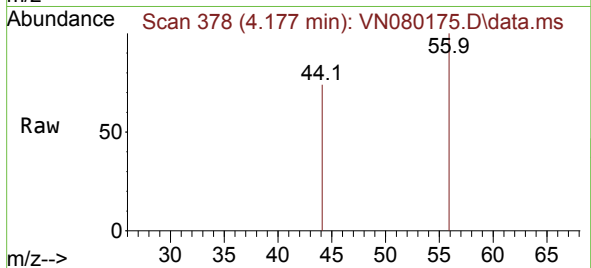
ClientSampleId :

Tgt Ion: 56 Resp: 94

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#14

Allyl chloride

Concen: 0.471 ug/l

RT: 5.265 min Scan# 563

Delta R.T. 0.241 min

Lab File: VN080175.D

Acq: 17 Nov 2023 20:03

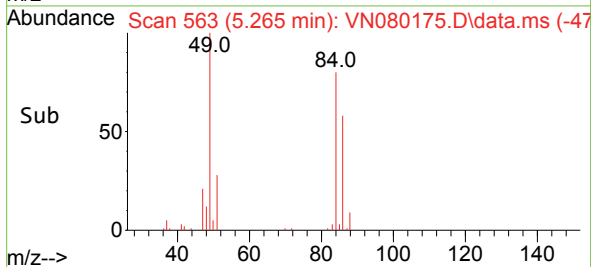
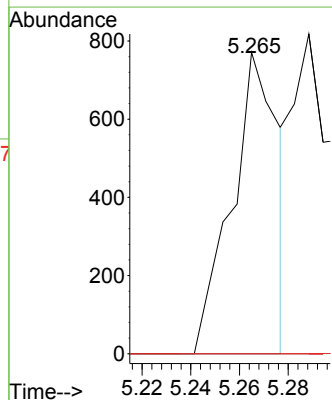
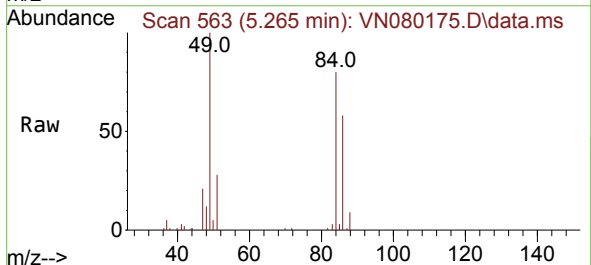
Tgt Ion: 41 Resp: 1018

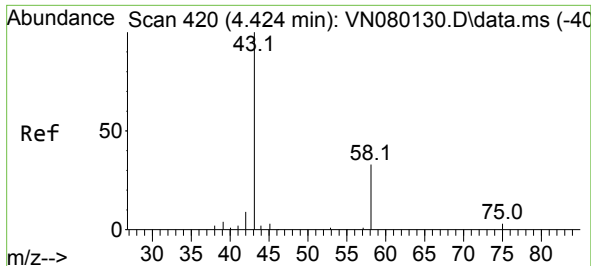
Ion Ratio Lower Upper

41 100

39 0.0 58.8 88.2#

76 0.0 39.1 58.7#





#16

Acetone

Concen: 34.313 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN080175.D

Acq: 17 Nov 2023 20:03

Instrument :

MSVOA\_N

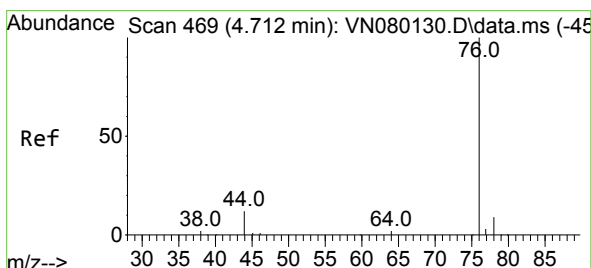
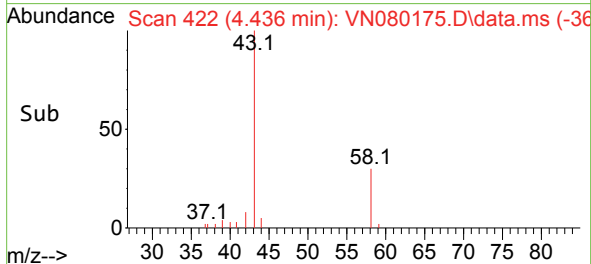
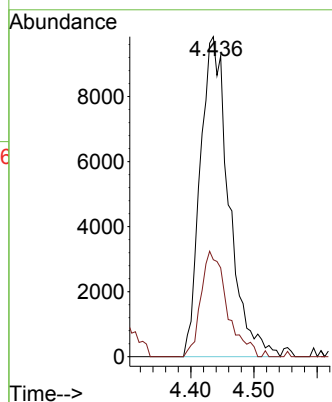
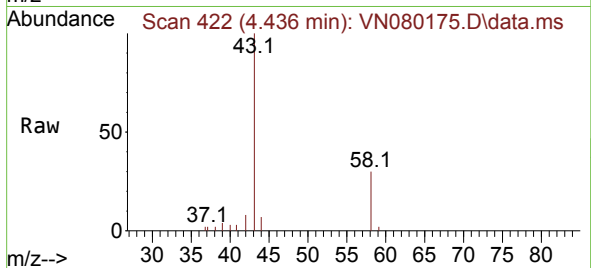
ClientSampleId :

Tgt Ion: 43 Resp: 30944

Ion Ratio Lower Upper

43 100

58 30.3 28.0 42.0



#17

Carbon Disulfide

Concen: 0.263 ug/l

RT: 4.736 min Scan# 473

Delta R.T. 0.023 min

Lab File: VN080175.D

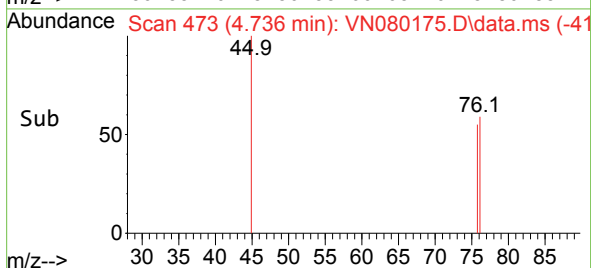
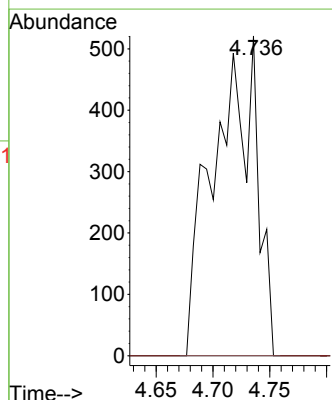
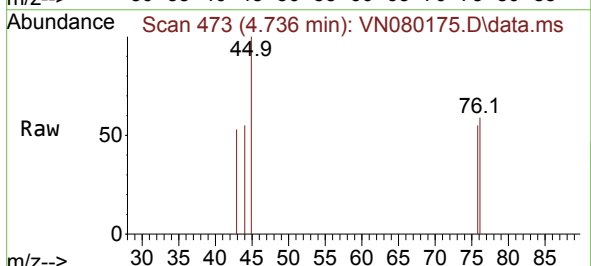
Acq: 17 Nov 2023 20:03

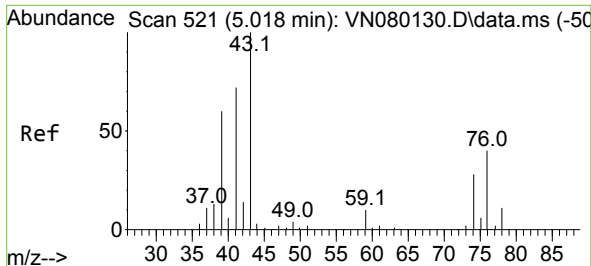
Tgt Ion: 76 Resp: 1350

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

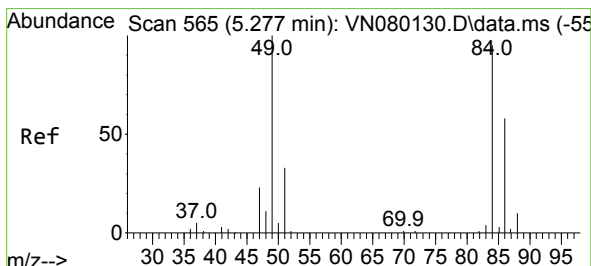
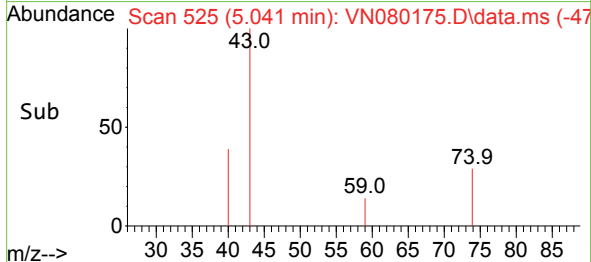
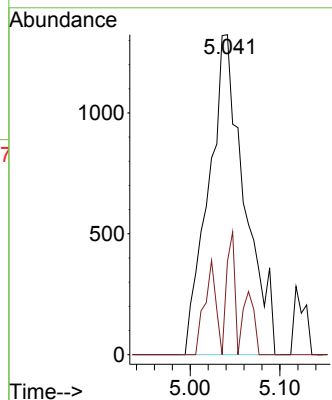
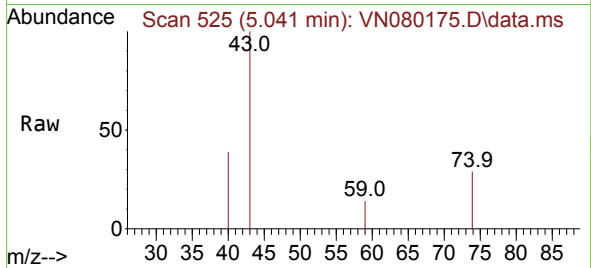




#18  
Methyl Acetate  
Concen: 1.270 ug/l  
RT: 5.041 min Scan# 51  
Delta R.T. 0.023 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

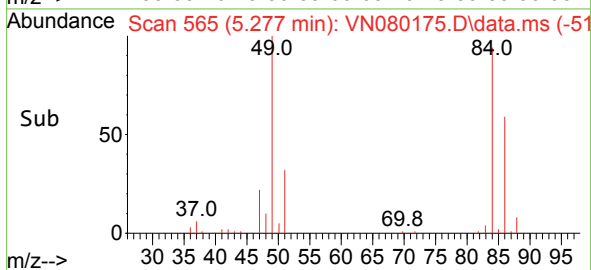
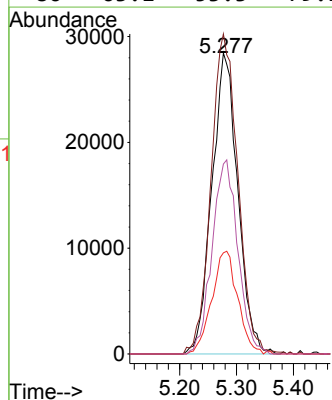
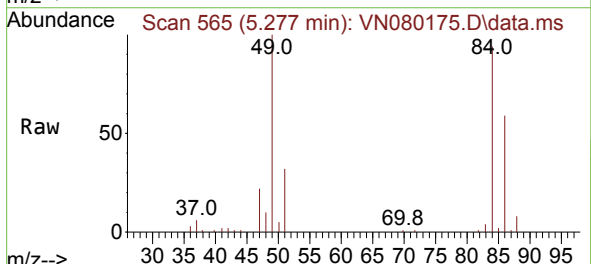
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 3680  
Ion Ratio Lower Upper  
43 100  
74 10.4 26.2 39.4#

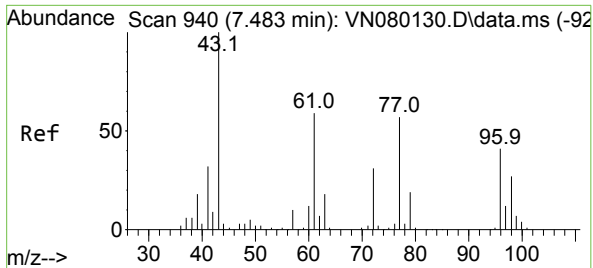


#20  
Methylene Chloride  
Concen: 47.778 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.000 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

Tgt Ion: 84 Resp: 90229  
Ion Ratio Lower Upper  
84 100  
49 106.3 79.7 119.5  
51 33.6 25.2 37.8  
86 63.1 53.3 79.9



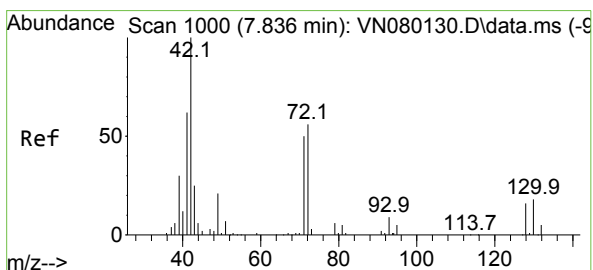
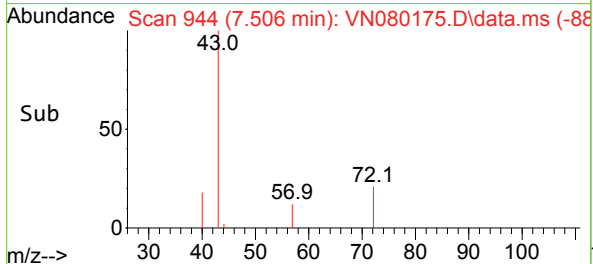
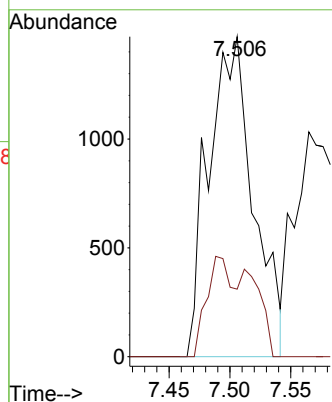
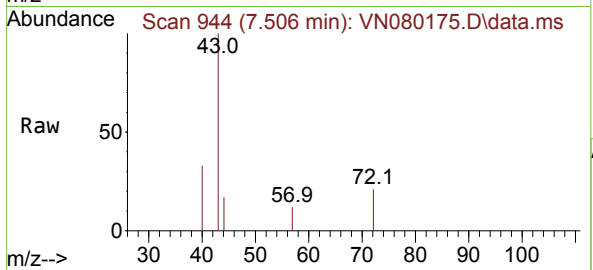




#25  
2-Butanone  
Concen: 3.509 ug/l  
RT: 7.506 min Scan# 940  
Delta R.T. 0.023 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

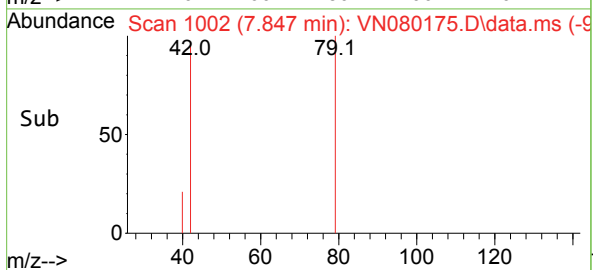
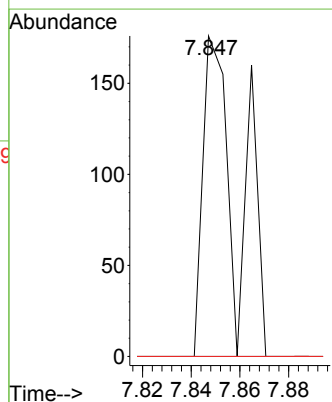
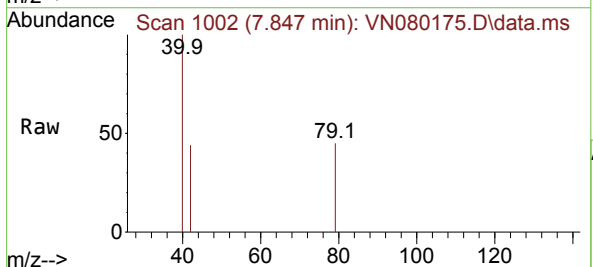
Instrument :  
MSVOA\_N  
ClientSampleId :

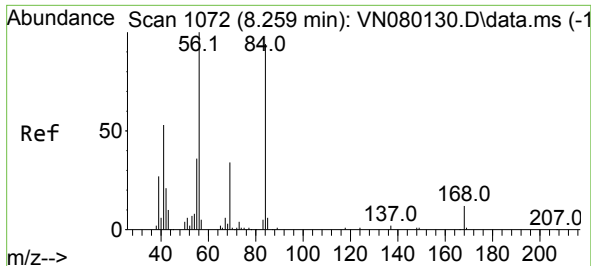
Tgt Ion: 43 Resp: 3760  
Ion Ratio Lower Upper  
43 100  
72 21.1 30.2 45.2#



#29  
Tetrahydrofuran  
Concen: 0.301 ug/l  
RT: 7.847 min Scan# 1002  
Delta R.T. 0.012 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

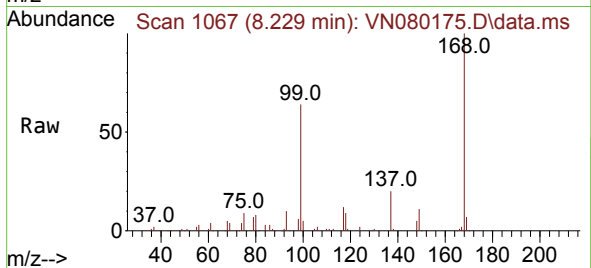
Tgt Ion: 42 Resp: 173  
Ion Ratio Lower Upper  
42 100  
72 0.0 49.8 74.6#  
71 0.0 47.4 71.2#



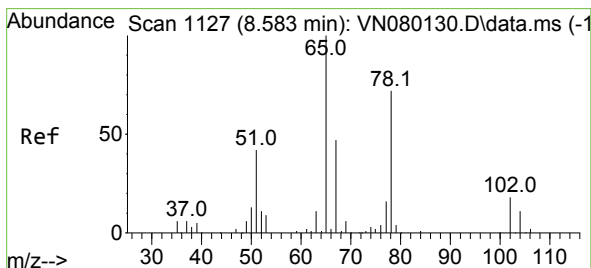
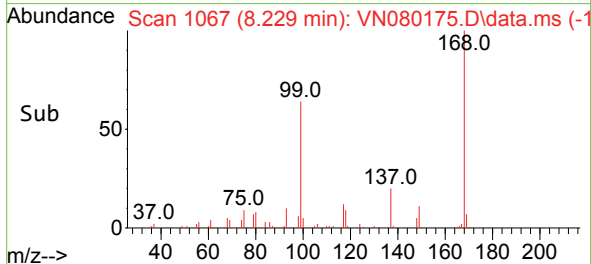
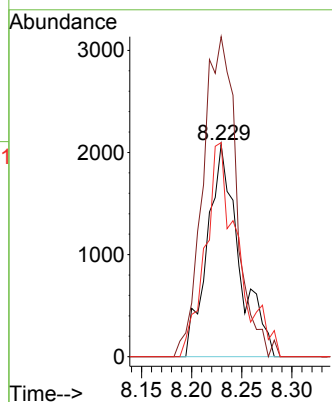


#31  
Cyclohexane  
Concen: 1.569 ug/l  
RT: 8.229 min Scan# 1067  
Delta R.T. -0.030 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

Instrument :  
MSVOA\_N  
ClientSampleId :

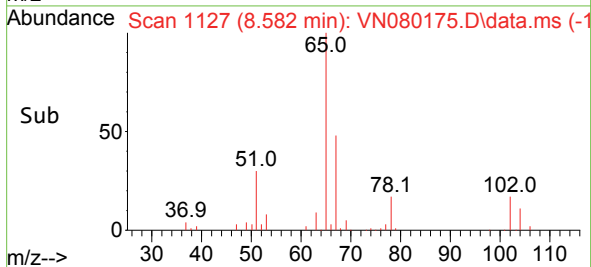
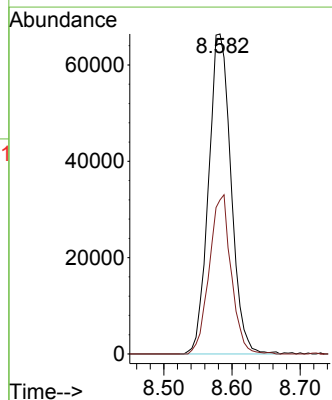
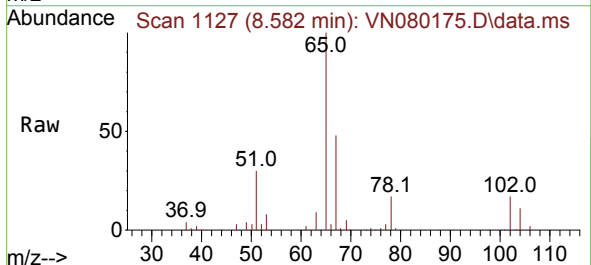


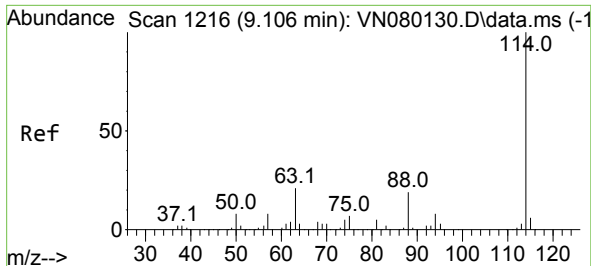
Tgt Ion: 56 Resp: 4582  
Ion Ratio Lower Upper  
56 100  
69 150.8 26.8 40.2#  
84 100.9 81.8 122.6



#33  
1,2-Dichloroethane-d4  
Concen: 56.809 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. -0.000 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

Tgt Ion: 65 Resp: 152528  
Ion Ratio Lower Upper  
65 100  
67 48.4 0.0 106.6

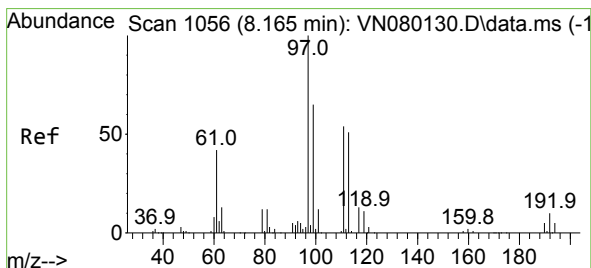
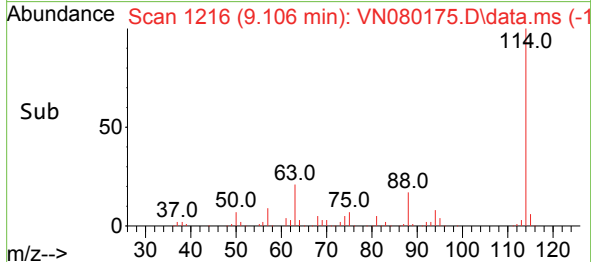
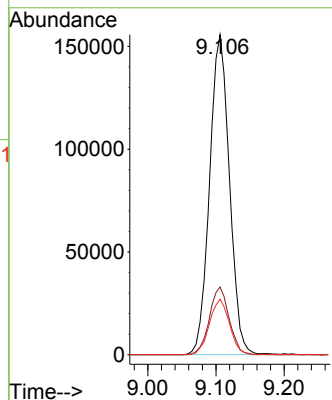
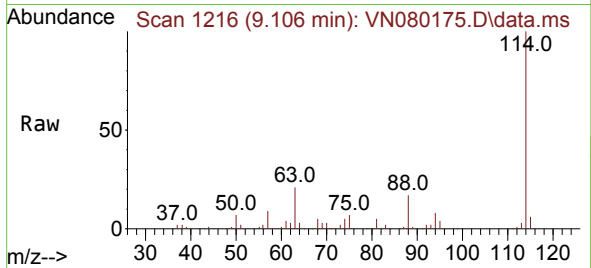




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

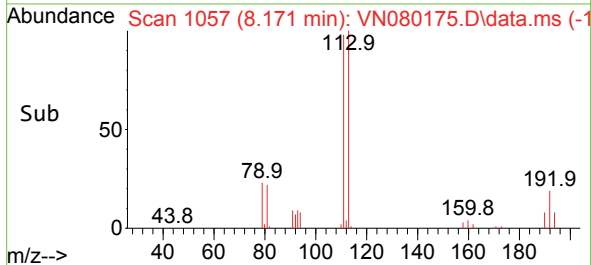
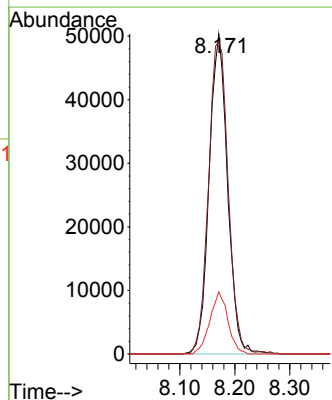
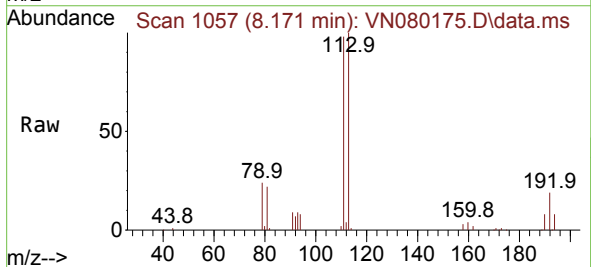
Instrument :  
MSVOA\_N  
ClientSampleId :

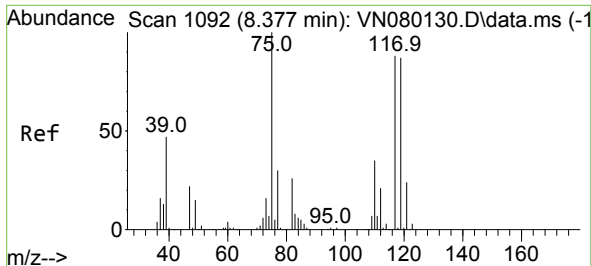
Tgt Ion:114 Resp: 315914  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 36.4  
88 17.4 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 50.235 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

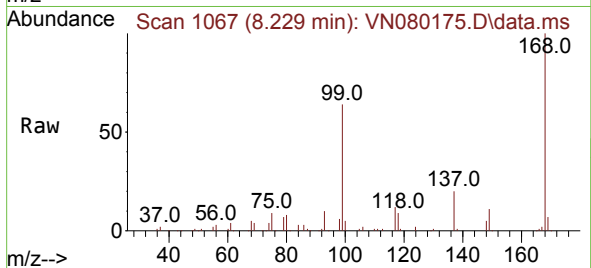
Tgt Ion:113 Resp: 117099  
Ion Ratio Lower Upper  
113 100  
111 104.4 82.6 123.8  
192 19.0 12.7 19.1



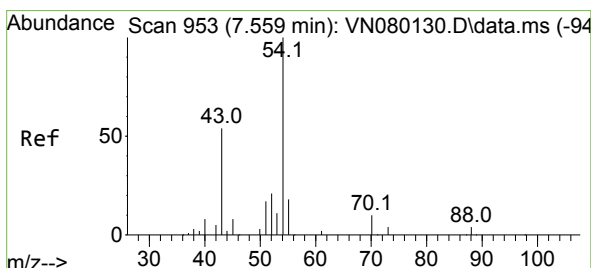
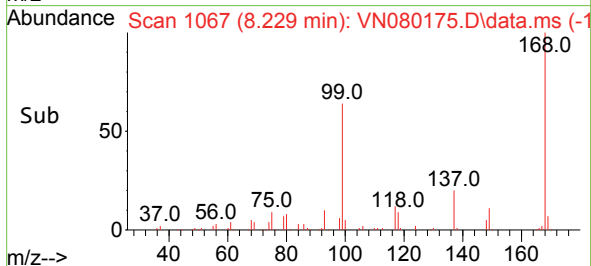
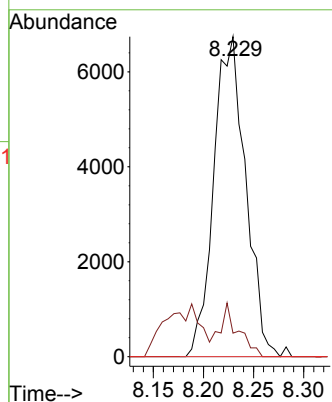


#36  
1,1-Dichloropropene  
Concen: 4.412 ug/l  
RT: 8.229 min Scan# 1092  
Delta R.T. -0.147 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

Instrument :  
MSVOA\_N  
ClientSampleId :

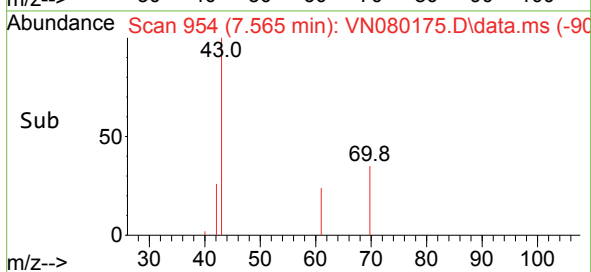
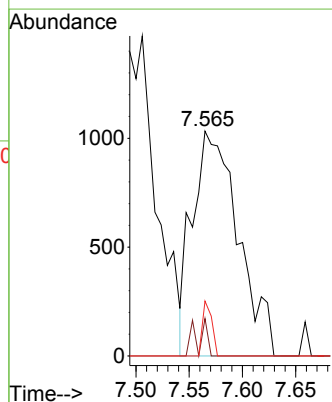
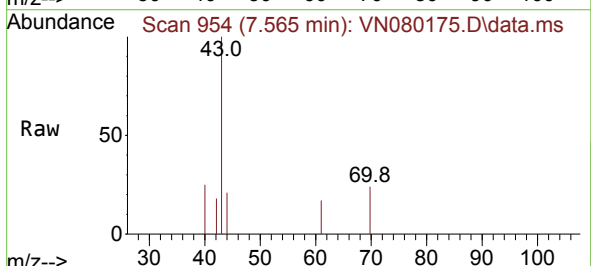


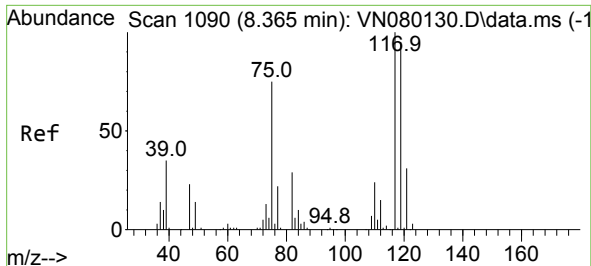
Tgt Ion: 75 Resp: 14890  
Ion Ratio Lower Upper  
75 100  
110 9.6 19.1 57.3#  
77 0.0 25.0 37.4#



#37  
Ethyl Acetate  
Concen: 1.323 ug/l  
RT: 7.565 min Scan# 954  
Delta R.T. 0.006 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

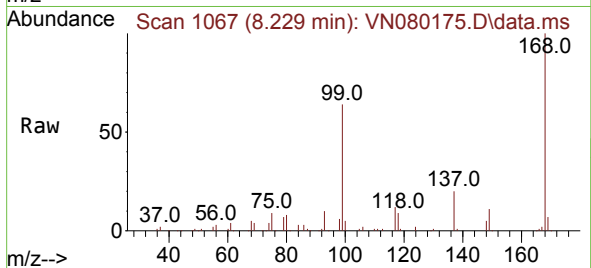
Tgt Ion: 43 Resp: 3096  
Ion Ratio Lower Upper  
43 100  
61 3.8 13.2 19.8#  
70 5.0 11.3 16.9#



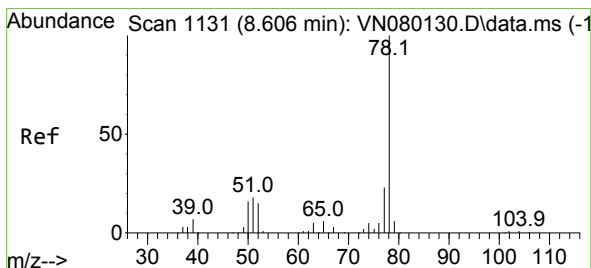
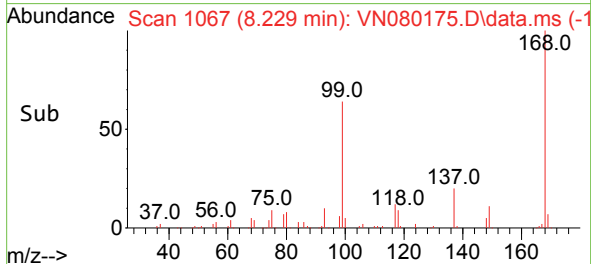
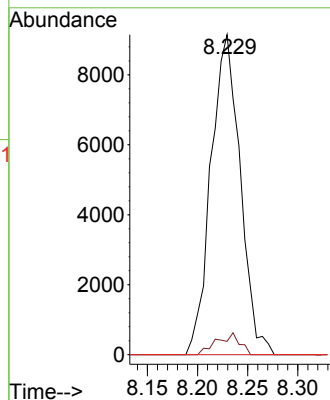


#38  
Carbon Tetrachloride  
Concen: 4.347 ug/l  
RT: 8.229 min Scan# 1067  
Delta R.T. -0.136 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

Instrument :  
MSVOA\_N  
ClientSampleId :

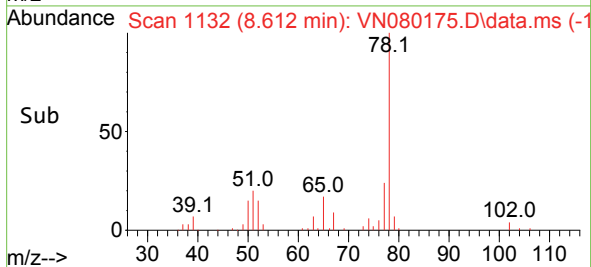
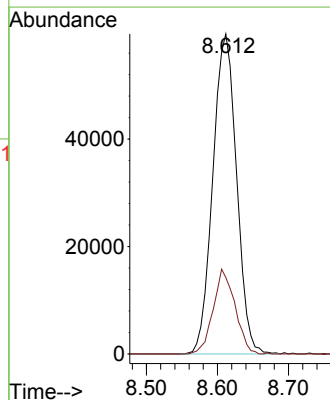
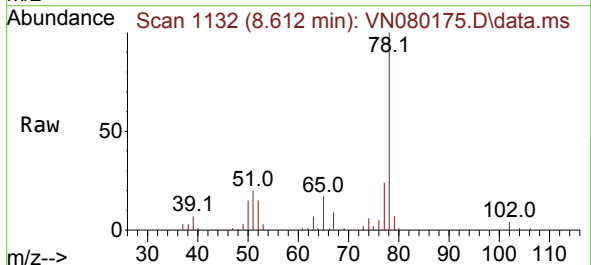


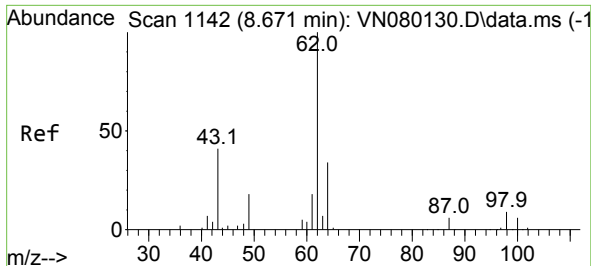
Tgt Ion:117 Resp: 18616  
Ion Ratio Lower Upper  
117 100  
119 4.2 77.3 115.9#  
121 0.0 23.3 34.9#



#40  
Benzene  
Concen: 14.400 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. 0.006 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

Tgt Ion: 78 Resp: 138119  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.0 28.6





#42

1,2-Dichloroethane

Concen: 0.243 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.023 min

Lab File: VN080175.D

Acq: 17 Nov 2023 20:03

Instrument :

MSVOA\_N

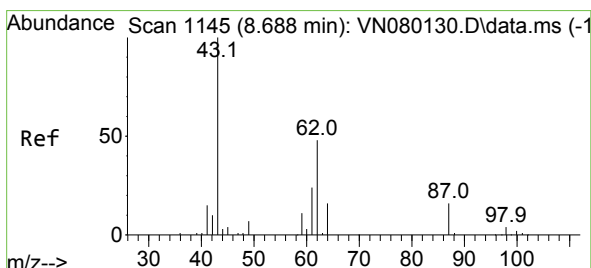
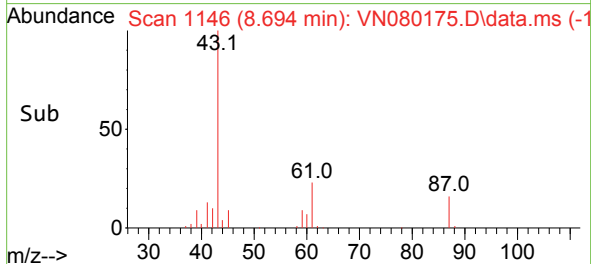
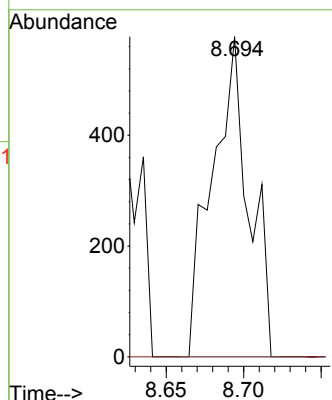
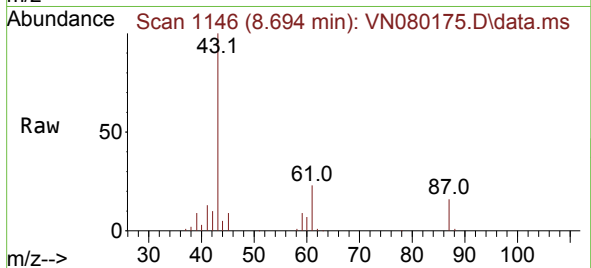
ClientSampleId :

Tgt Ion: 62 Resp: 955

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 30.151 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080175.D

Acq: 17 Nov 2023 20:03

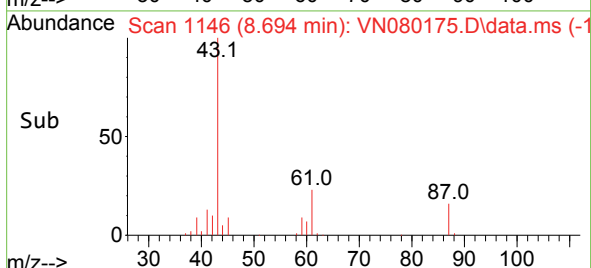
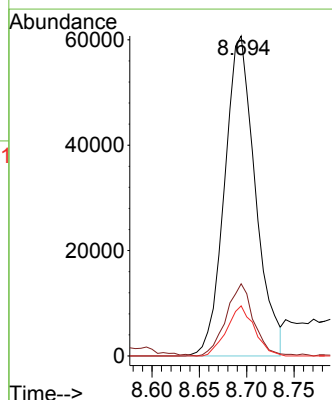
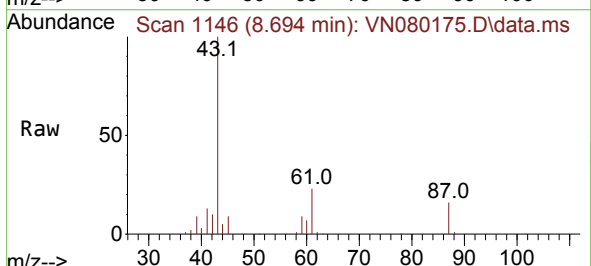
Tgt Ion: 43 Resp: 137348

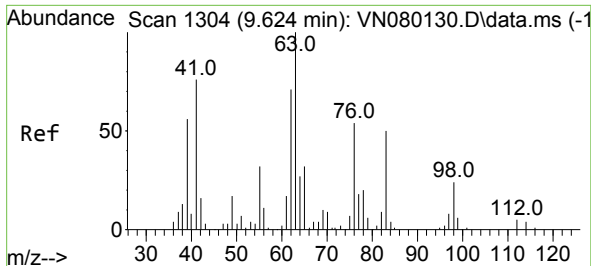
Ion Ratio Lower Upper

43 100

61 20.3 24.7 37.1#

87 14.0 14.6 21.8#

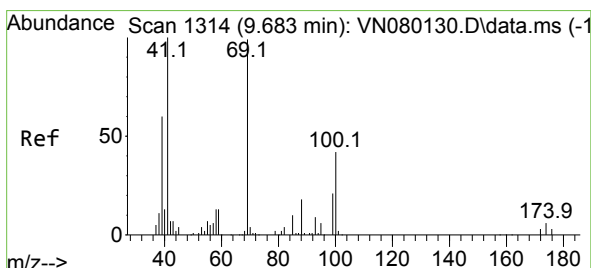
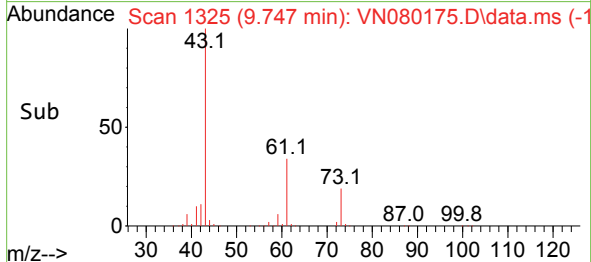
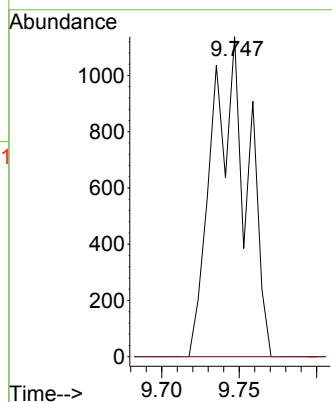
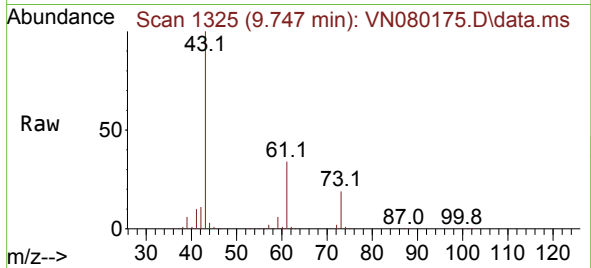




#45  
1,2-Dichloropropane  
Concen: 0.808 ug/l  
RT: 9.747 min Scan# 11  
Delta R.T. 0.123 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

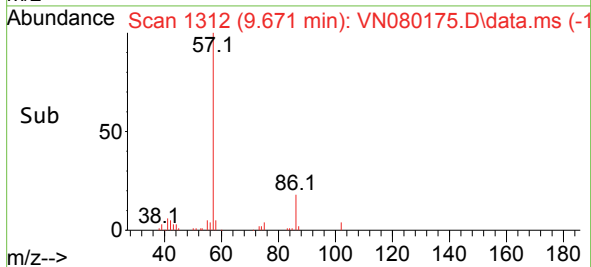
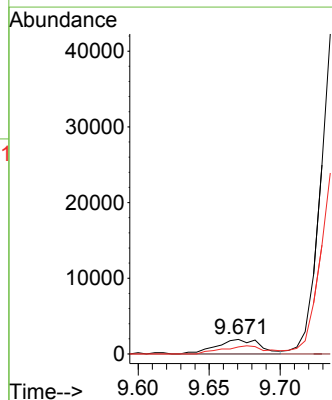
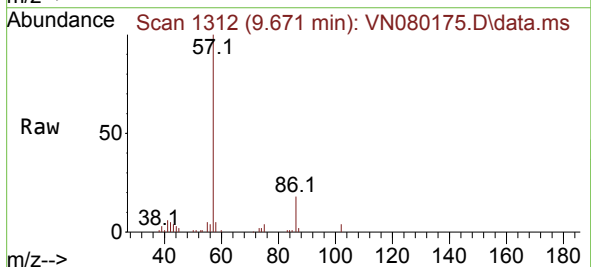
Instrument :  
MSVOA\_N  
ClientSampleId :

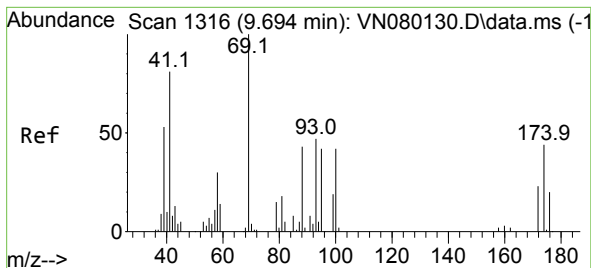
Tgt Ion: 63 Resp: 1802  
Ion Ratio Lower Upper  
63 100  
65 0.0 23.9 35.9#



#48  
Methyl methacrylate  
Concen: 1.769 ug/l  
RT: 9.671 min Scan# 1312  
Delta R.T. -0.012 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

Tgt Ion: 41 Resp: 4152  
Ion Ratio Lower Upper  
41 100  
69 0.0 90.4 135.6#  
39 55.3 54.6 81.8





#49

1,4-Dioxane

Concen: 3.585 ug/l

RT: 9.753 min Scan# 11

Delta R.T. 0.059 min

Lab File: VN080175.D

Acq: 17 Nov 2023 20:03

Instrument :

MSVOA\_N

ClientSampleId :

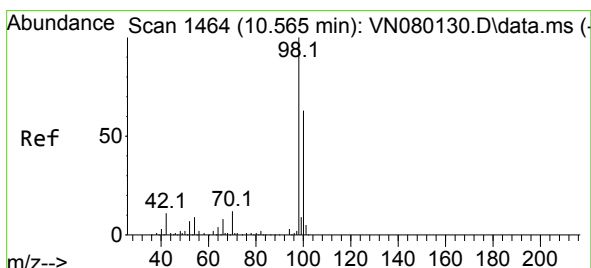
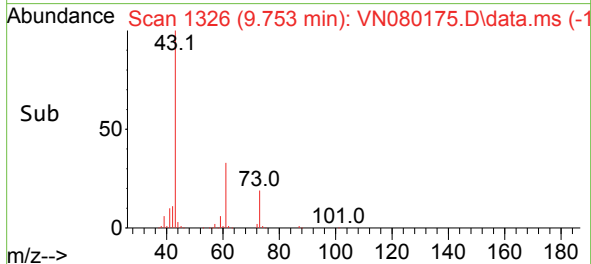
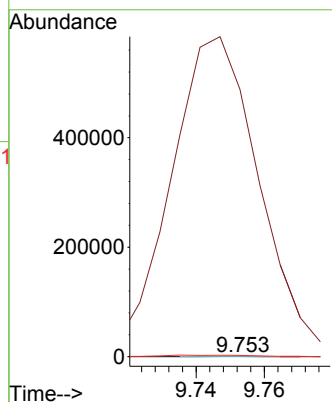
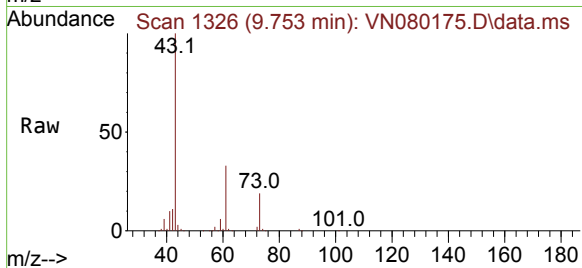
Tgt Ion: 88 Resp: 140

Ion Ratio Lower Upper

88 100

43 761578.6 17.0 25.6#

58 3921.4 47.0 70.4#



#50

Toluene-d8

Concen: 51.726 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080175.D

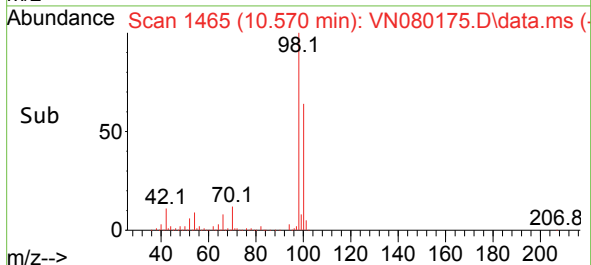
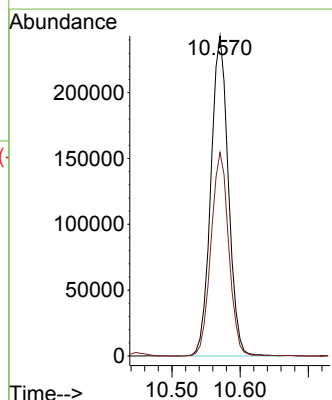
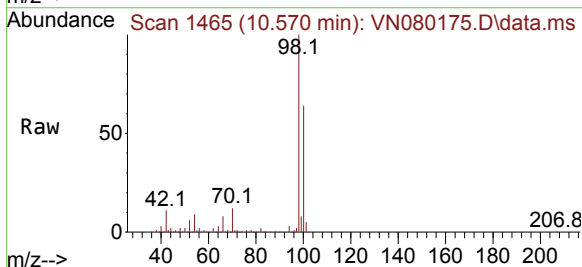
Acq: 17 Nov 2023 20:03

Tgt Ion: 98 Resp: 434647

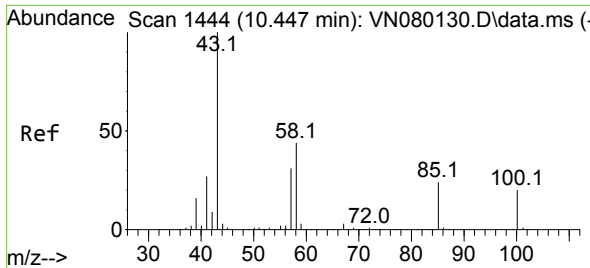
Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



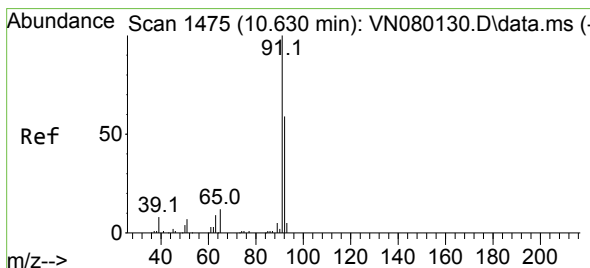
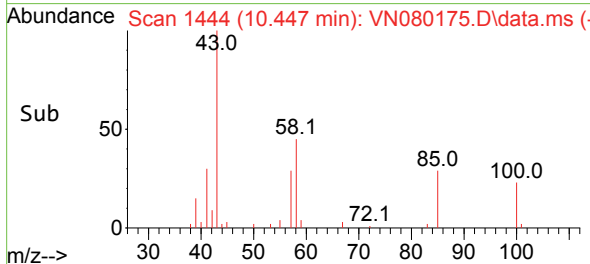
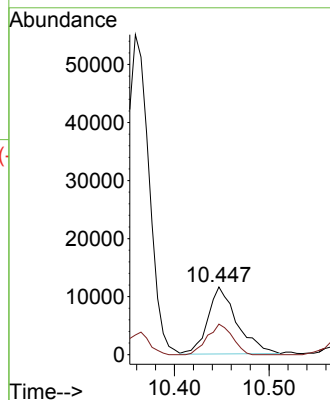
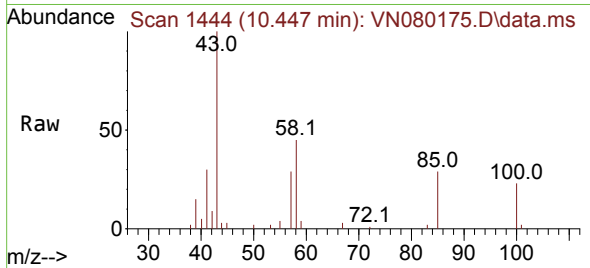




#51  
4-Methyl-2-Pentanone  
Concen: 10.469 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

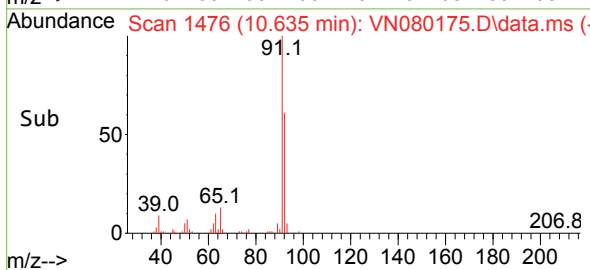
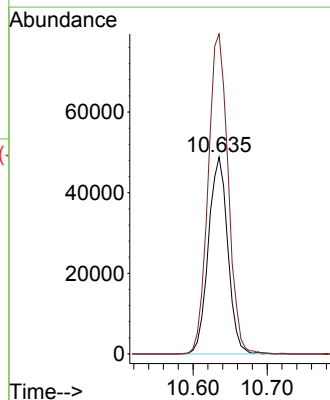
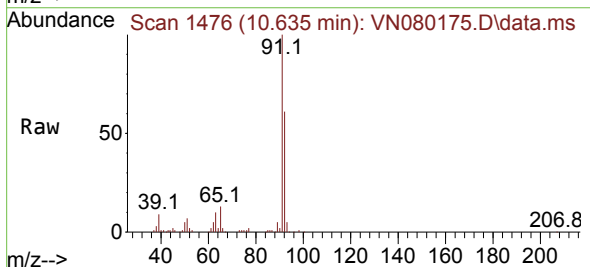
Instrument :  
MSVOA\_N  
ClientSampleId :

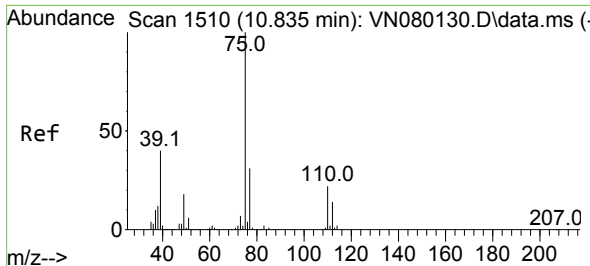
Tgt Ion: 43 Resp: 24690  
Ion Ratio Lower Upper  
43 100  
58 39.3 36.6 54.8



#52  
Toluene  
Concen: 14.773 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

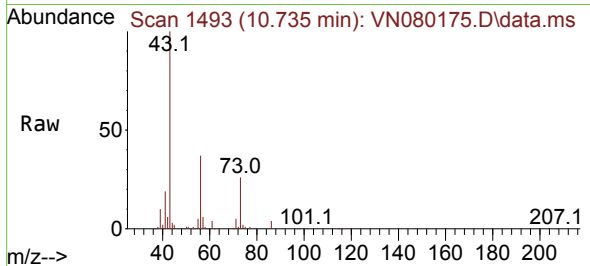
Tgt Ion: 92 Resp: 88677  
Ion Ratio Lower Upper  
92 100  
91 167.5 137.4 206.0



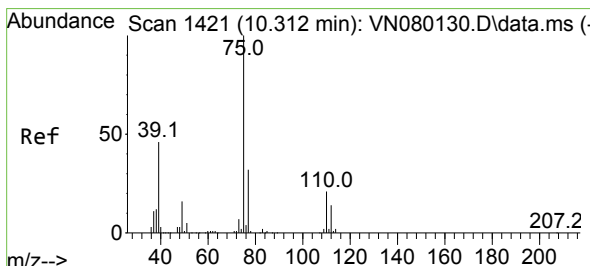
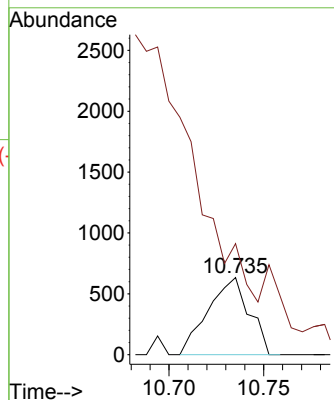
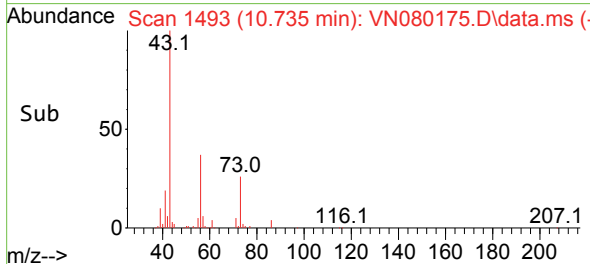


#53  
t-1,3-Dichloropropene  
Concen: 0.251 ug/l  
RT: 10.735 min Scan# 1493  
Delta R.T. -0.100 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

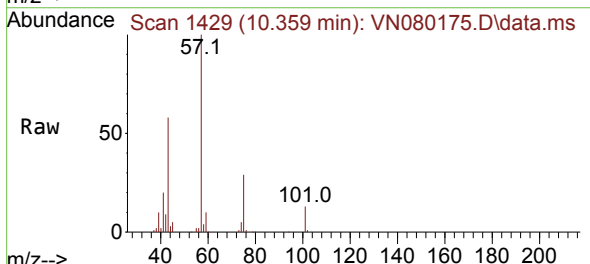
Instrument :  
MSVOA\_N  
ClientSampleId :



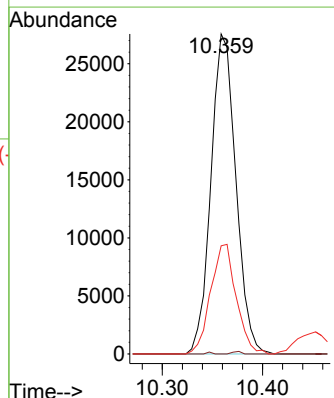
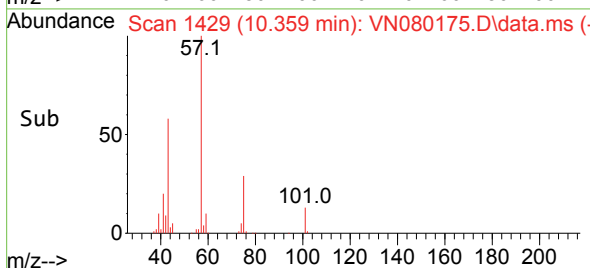
Tgt Ion: 75 Resp: 957  
Ion Ratio Lower Upper  
75 100  
77 68.2 25.4 38.0#

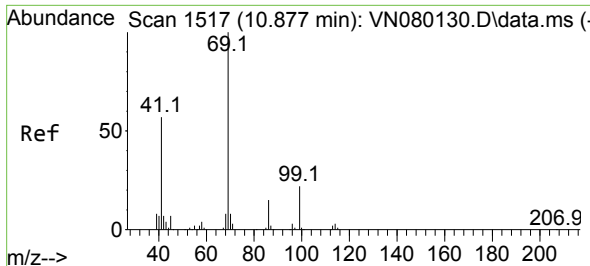


#54  
cis-1,3-Dichloropropene  
Concen: 12.215 ug/l  
RT: 10.359 min Scan# 1429  
Delta R.T. 0.047 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03



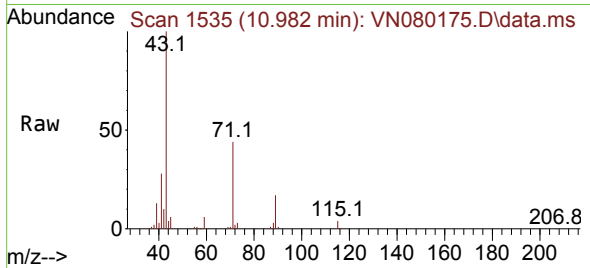
Tgt Ion: 75 Resp: 47589  
Ion Ratio Lower Upper  
75 100  
77 0.0 26.1 39.1#  
39 33.8 31.6 47.4



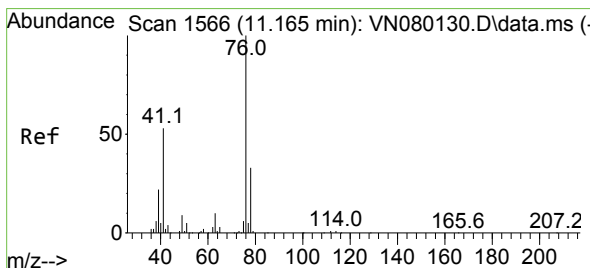
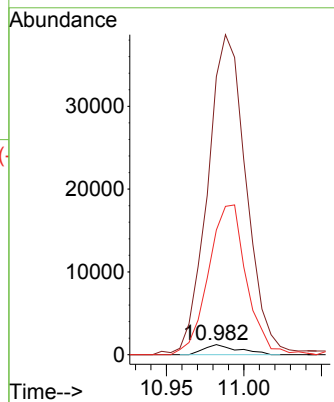
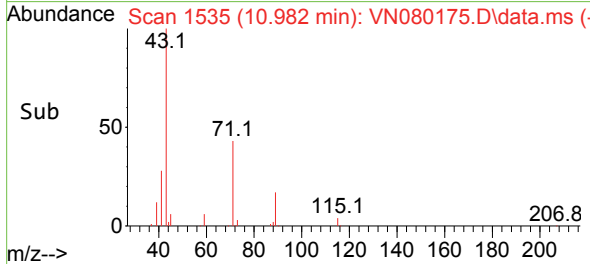


#56  
Ethyl methacrylate  
Concen: 0.801 ug/l  
RT: 10.982 min Scan# 1535  
Delta R.T. 0.106 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

Instrument :  
MSVOA\_N  
ClientSampleId :

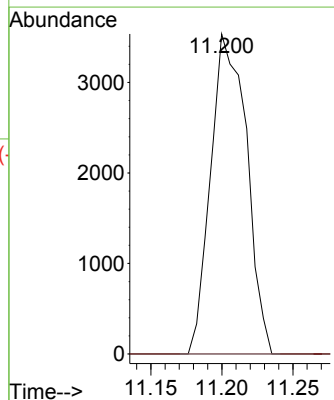
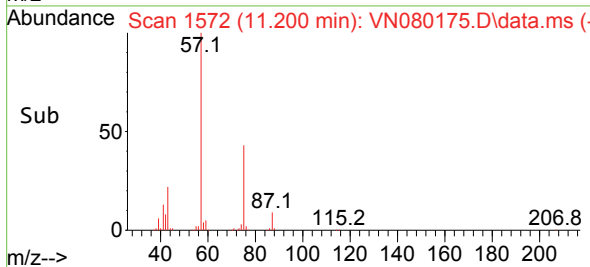
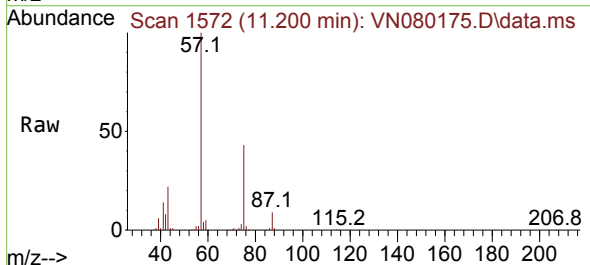


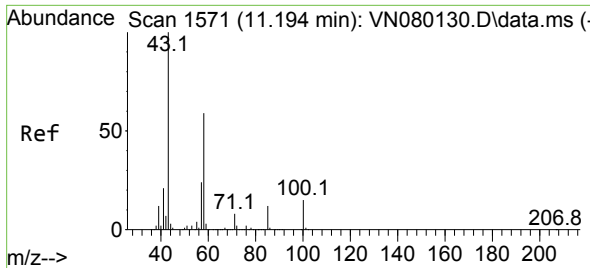
Tgt Ion: 69 Resp: 1874  
Ion Ratio Lower Upper  
69 100  
41 3598.1 39.6 59.4#  
39 1653.3 28.6 43.0#



#57  
1,3-Dichloropropane  
Concen: 1.557 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. 0.035 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

Tgt Ion: 76 Resp: 6228  
Ion Ratio Lower Upper  
76 100  
78 0.0 26.1 39.1#

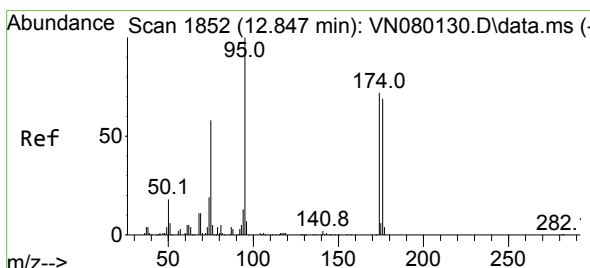
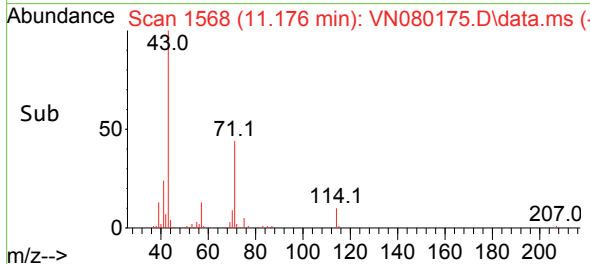
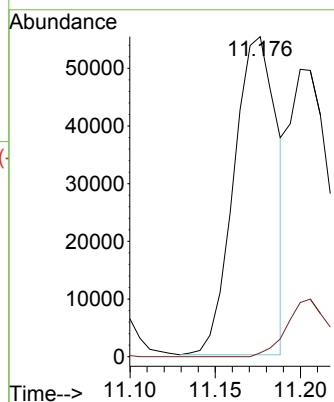
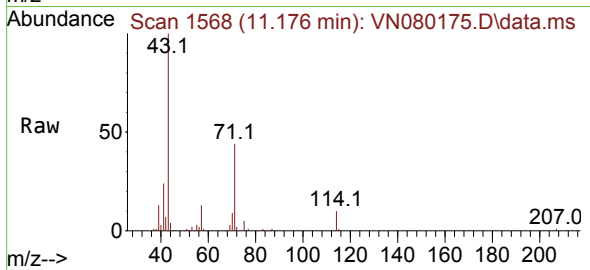




#59  
2-Hexanone  
Concen: 51.159 ug/l  
RT: 11.176 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

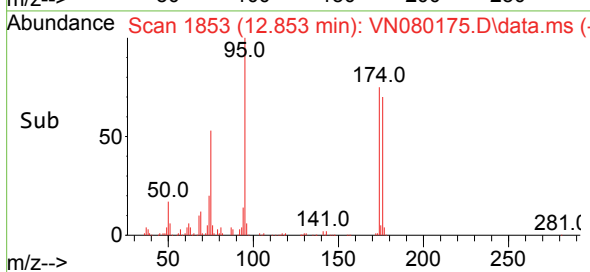
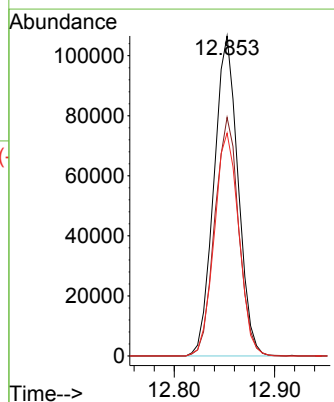
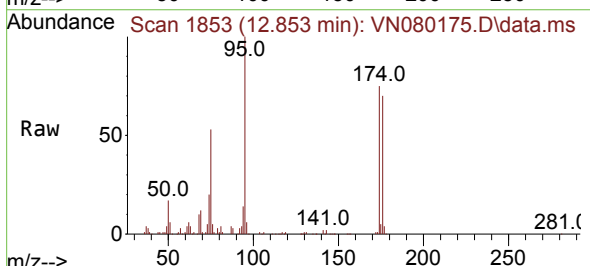
Instrument :  
MSVOA\_N  
ClientSampleId :

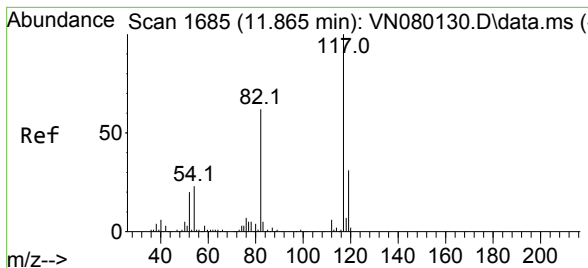
Tgt Ion: 43 Resp: 96953  
Ion Ratio Lower Upper  
43 100  
58 0.0 31.7 95.1#



#62  
4-Bromofluorobenzene  
Concen: 56.048 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

Tgt Ion: 95 Resp: 177890  
Ion Ratio Lower Upper  
95 100  
174 74.2 0.0 143.8  
176 70.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080175.D

Acq: 17 Nov 2023 20:03

Instrument :

MSVOA\_N

ClientSampleId :

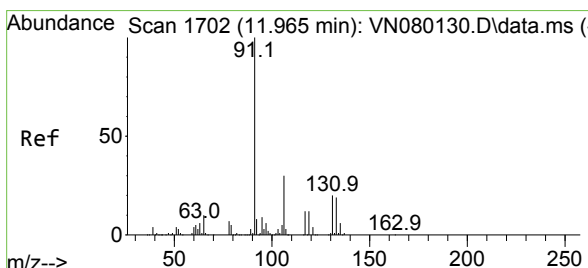
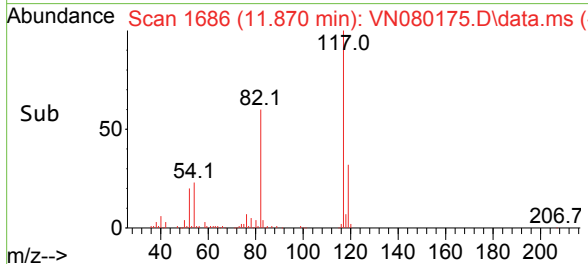
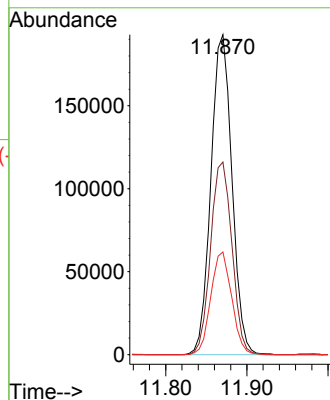
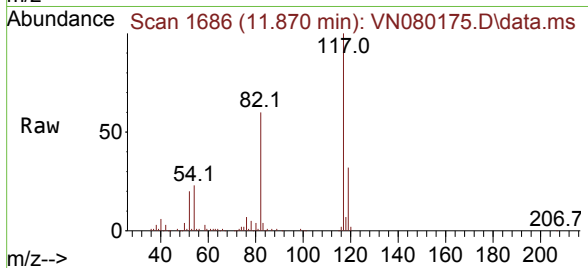
Tgt Ion:117 Resp: 347550

Ion Ratio Lower Upper

117 100

82 60.2 44.0 66.0

119 32.1 25.6 38.4



#67

Ethyl Benzene

Concen: 1.181 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN080175.D

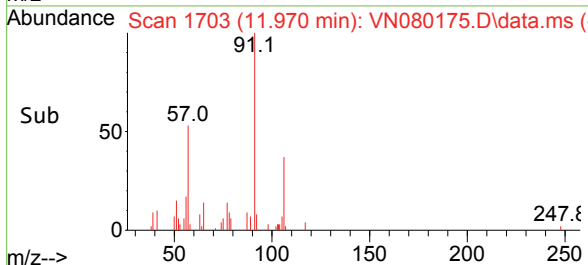
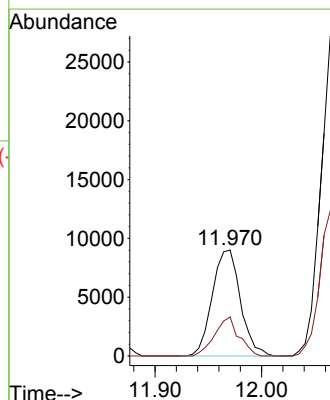
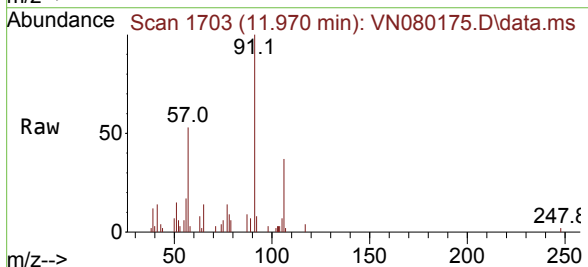
Acq: 17 Nov 2023 20:03

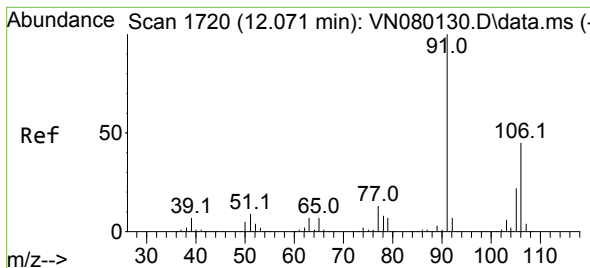
Tgt Ion: 91 Resp: 16543

Ion Ratio Lower Upper

91 100

106 36.8 25.6 38.4

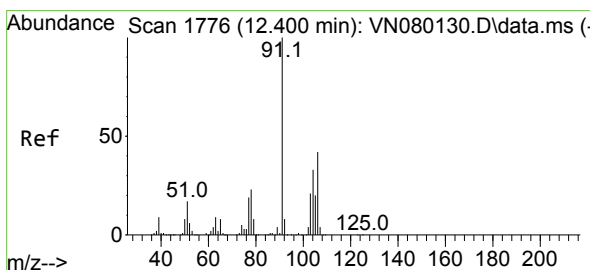
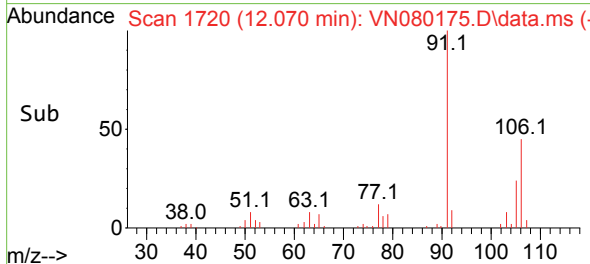
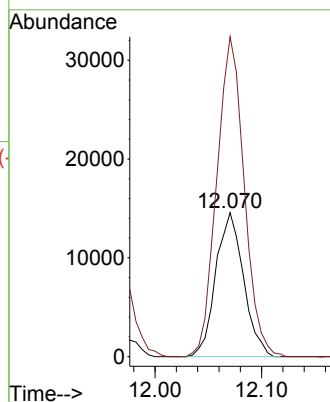
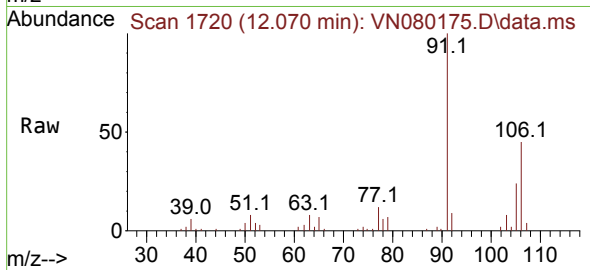




#68  
m/p-Xylenes  
Concen: 5.167 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

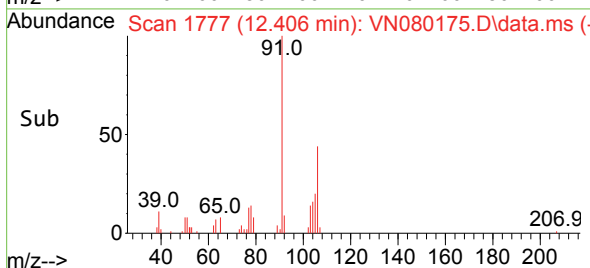
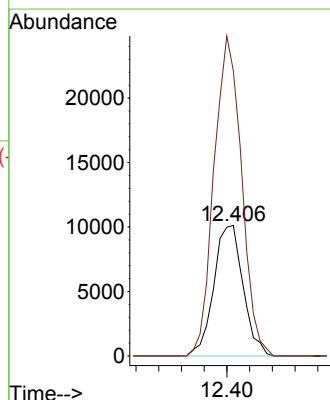
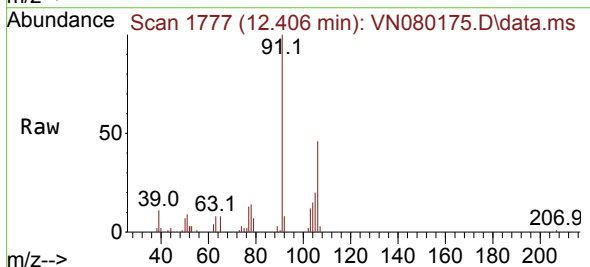
Instrument :  
MSVOA\_N  
ClientSampleId :

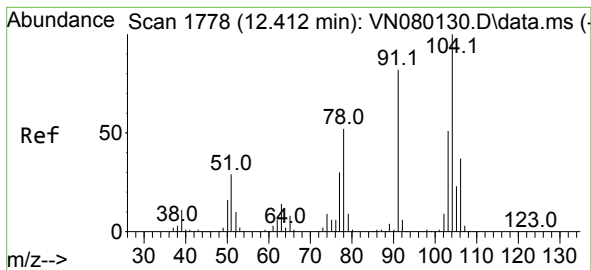
Tgt Ion:106 Resp: 26400  
Ion Ratio Lower Upper  
106 100  
91 219.1 159.6 239.4



#69  
o-Xylene  
Concen: 3.767 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. 0.006 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

Tgt Ion:106 Resp: 18140  
Ion Ratio Lower Upper  
106 100  
91 230.7 105.2 315.5





#70

Styrene

Concen: 1.077 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080175.D

Acq: 17 Nov 2023 20:03

Instrument :

MSVOA\_N

ClientSampleId :

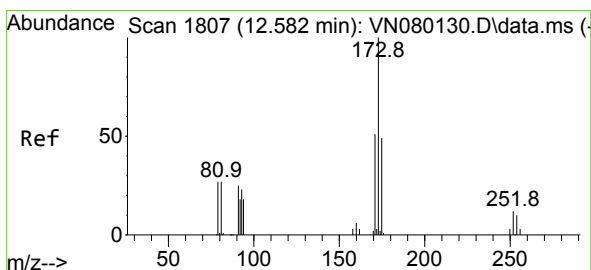
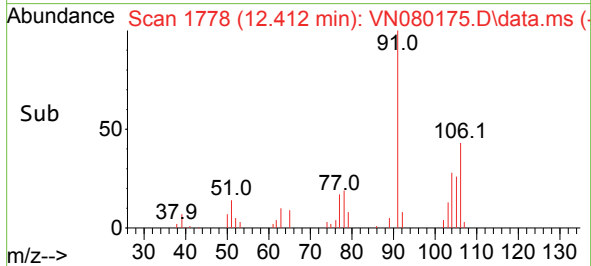
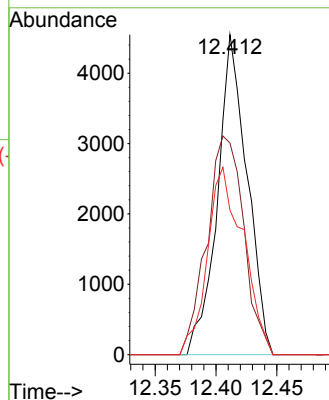
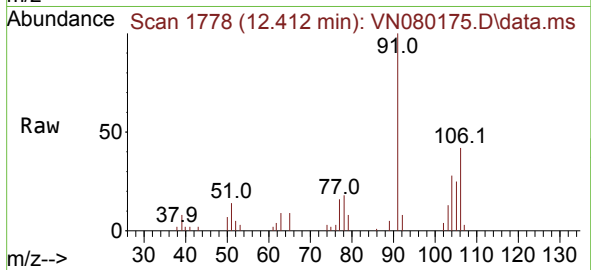
Tgt Ion:104 Resp: 7719

Ion Ratio Lower Upper

104 100

78 85.0 39.5 59.3#

103 70.8 43.2 64.8#



#71

Bromoform

Concen: 0.452 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.270 min

Lab File: VN080175.D

Acq: 17 Nov 2023 20:03

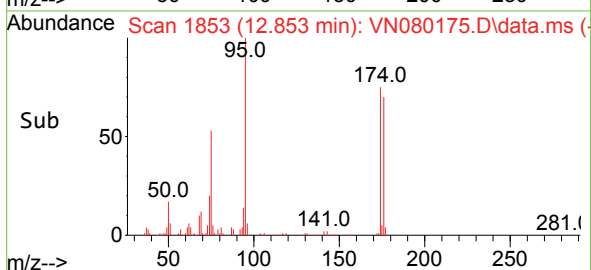
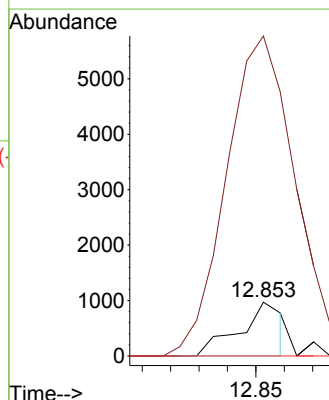
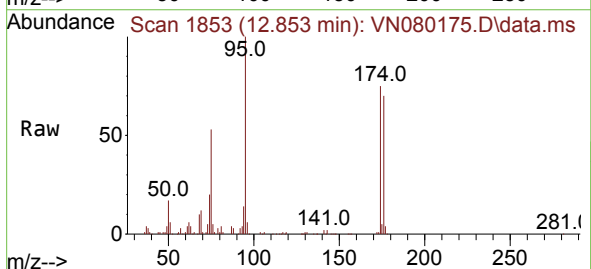
Tgt Ion:173 Resp: 1025

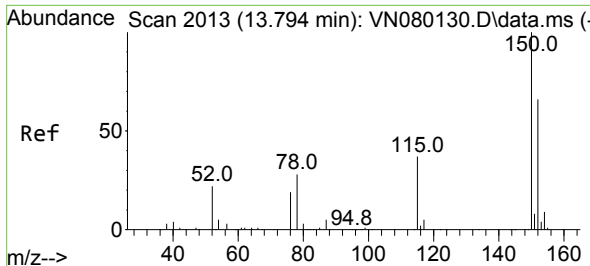
Ion Ratio Lower Upper

173 100

175 763.8 24.3 73.0#

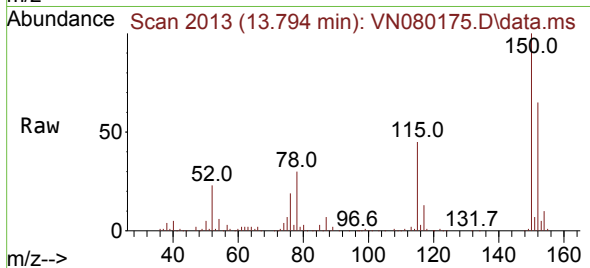
254 0.0 0.0 0.0



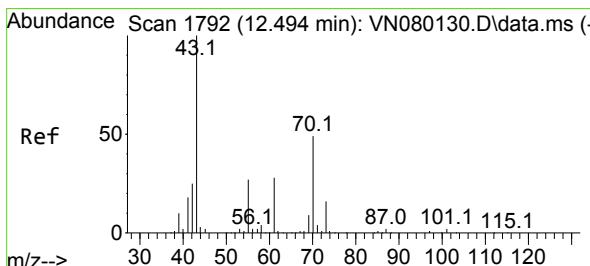
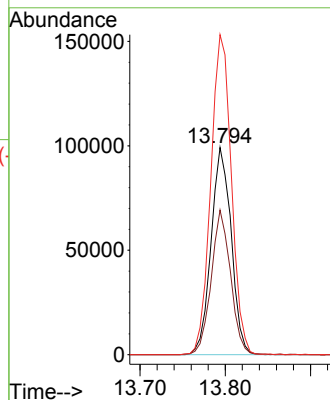
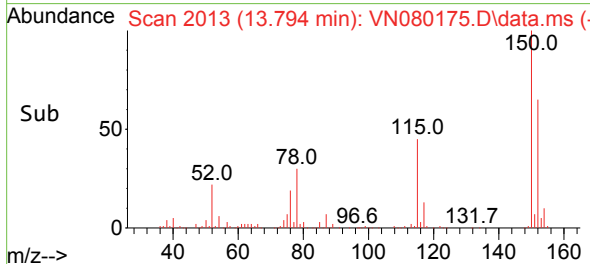


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

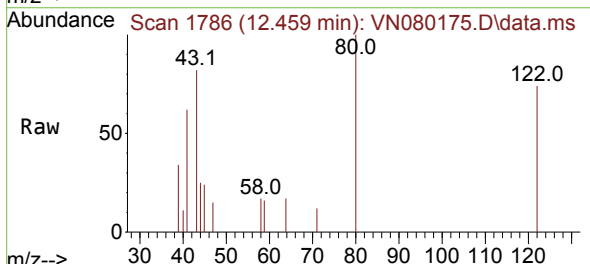
Instrument :  
MSVOA\_N  
ClientSampleId :



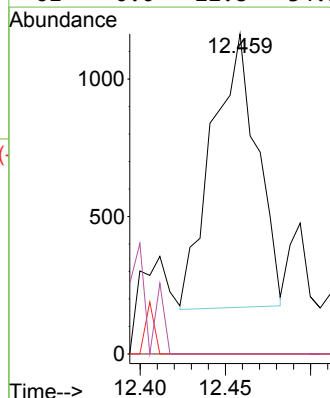
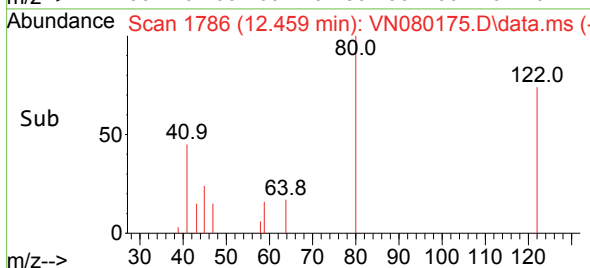
Tgt Ion:152 Resp: 162766  
Ion Ratio Lower Upper  
152 100  
115 67.0 32.3 96.8  
150 158.1 0.0 355.8



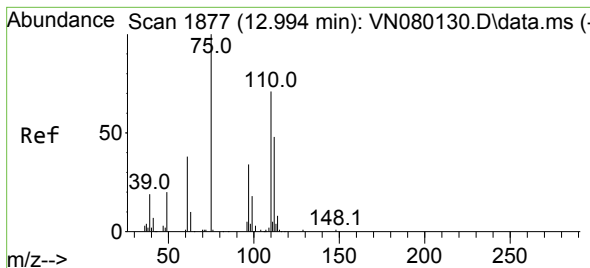
#74  
N-ethyl acetate  
Concen: 0.464 ug/l  
RT: 12.459 min Scan# 1786  
Delta R.T. -0.036 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03



Tgt Ion: 43 Resp: 1832  
Ion Ratio Lower Upper  
43 100  
70 0.0 43.4 65.2#  
55 0.0 21.4 32.0#  
61 0.0 22.8 34.2#







#76

1,2,3-Trichloropropane

Concen: 24.768 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080175.D

Acq: 17 Nov 2023 20:03

Instrument :

MSVOA\_N

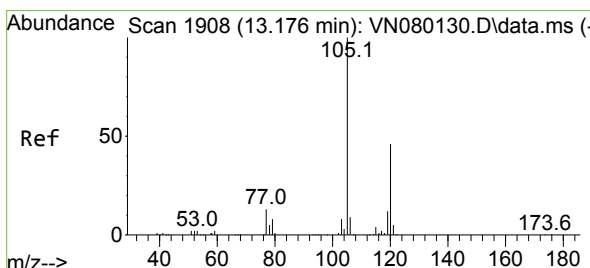
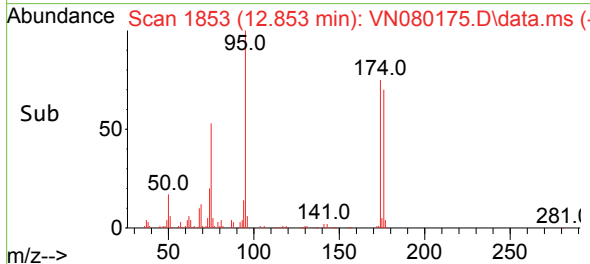
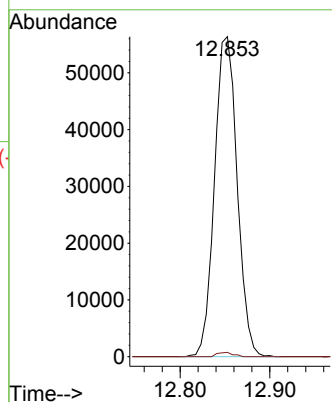
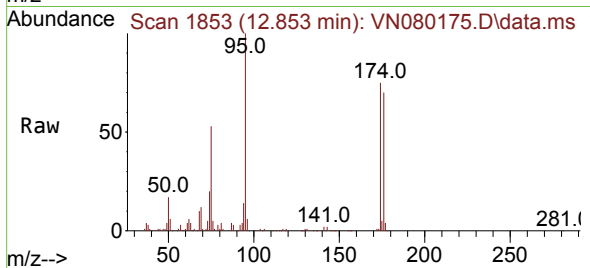
ClientSampleId :

Tgt Ion: 75 Resp: 98777

Ion Ratio Lower Upper

75 100

77 0.9 84.5 253.5#



#80

1,3,5-Trimethylbenzene

Concen: 0.343 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN080175.D

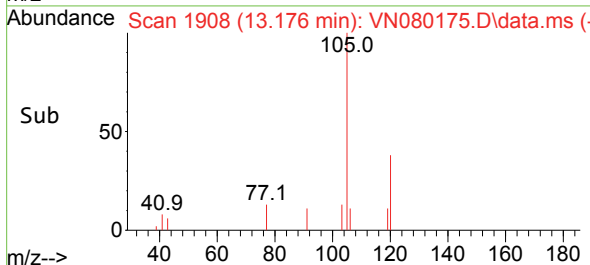
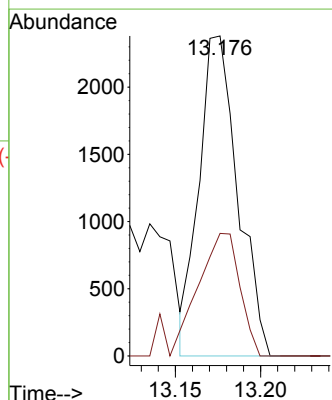
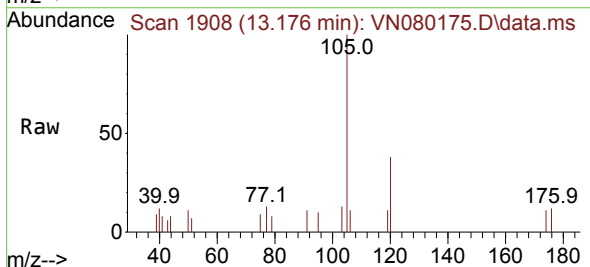
Acq: 17 Nov 2023 20:03

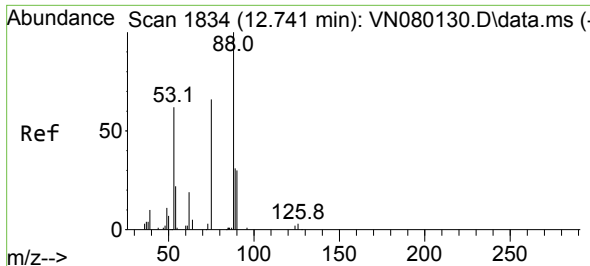
Tgt Ion: 105 Resp: 3772

Ion Ratio Lower Upper

105 100

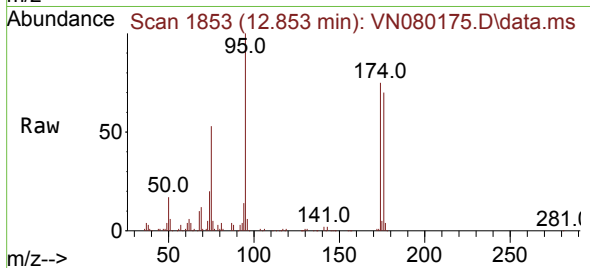
120 41.0 24.1 72.3



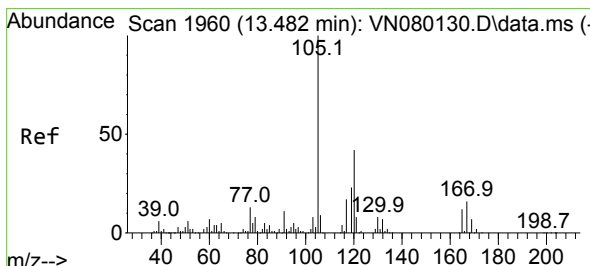
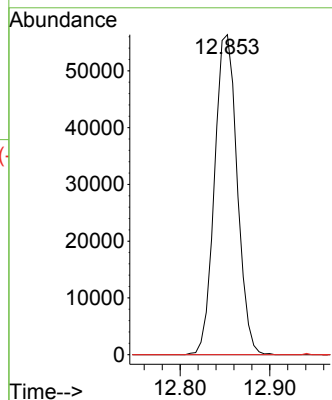
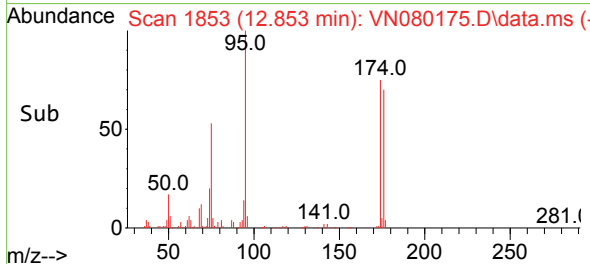


#81  
trans-1,4-Dichloro-2-butene  
Concen: 83.682 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.112 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03

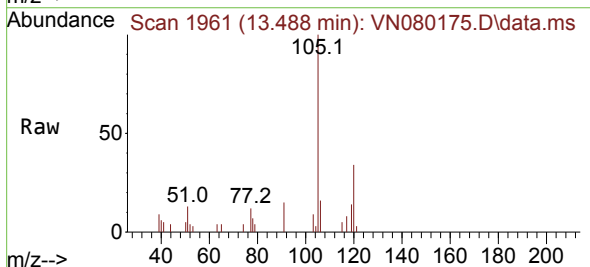
Instrument :  
MSVOA\_N  
ClientSampleId :



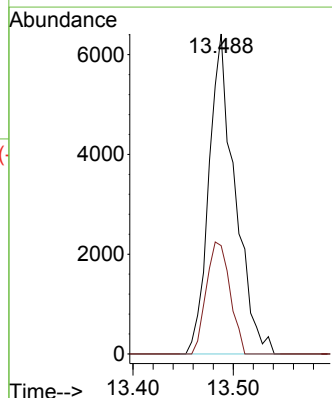
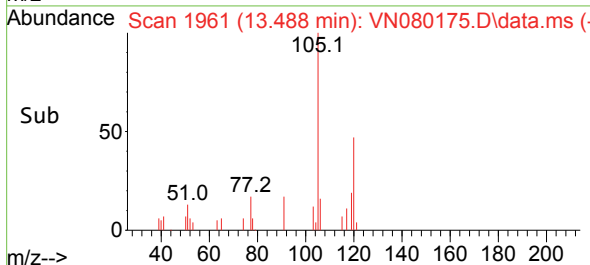
Tgt Ion: 75 Resp: 98777  
Ion Ratio Lower Upper  
75 100  
53 0.0 67.4 101.2#  
89 0.0 38.8 58.2#

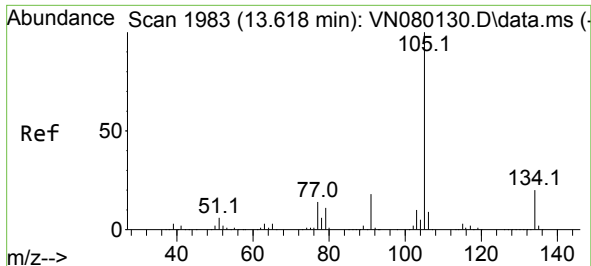


#84  
1,2,4-Trimethylbenzene  
Concen: 1.069 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. 0.006 min  
Lab File: VN080175.D  
Acq: 17 Nov 2023 20:03



Tgt Ion: 105 Resp: 11591  
Ion Ratio Lower Upper  
105 100  
120 31.7 22.0 66.0

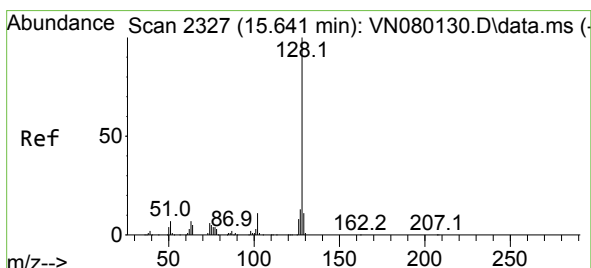
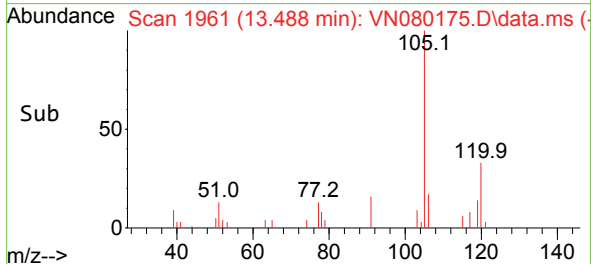
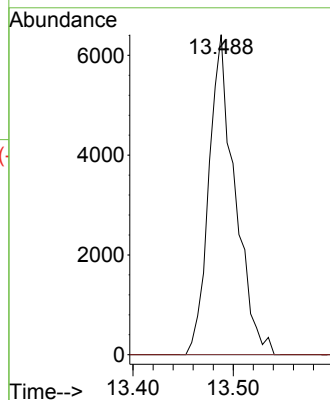
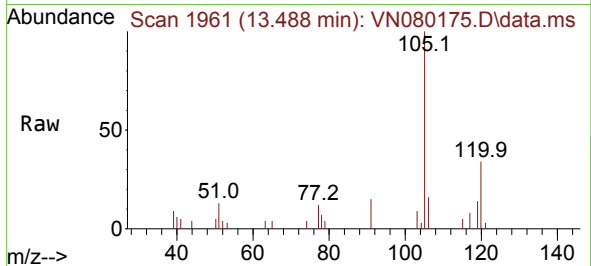




#85  
 sec-Butylbenzene  
 Concen: 1.038 ug/l  
 RT: 13.488 min Scan# 1983  
 Delta R.T. -0.130 min  
 Lab File: VN080175.D  
 Acq: 17 Nov 2023 20:03

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:105 Resp: 11591  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 9.8 29.3#



#95  
 Naphthalene  
 Concen: 13.511 ug/l  
 RT: 15.647 min Scan# 2328  
 Delta R.T. 0.006 min  
 Lab File: VN080175.D  
 Acq: 17 Nov 2023 20:03

Tgt Ion:128 Resp: 125280  
 Ion Ratio Lower Upper  
 128 100  
 127 13.5 10.0 15.0  
 129 10.2 8.7 13.1

