

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110623\  
 Data File : VN079953.D  
 Acq On : 07 Nov 2023 08:05  
 Operator : JC\MD  
 Sample : 05107-24  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 07 12:32:17 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 02 05:49:08 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 303563   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 637501   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 676071   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 307169   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 259670   | 56.146   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 112.300% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 207415   | 45.970   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 91.940%  |
| 50) Toluene-d8              | 10.571 | 98    | 803377   | 48.366   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 96.740%  |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 307331   | 55.789   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 111.580% |

|                             |        |     |         |              |   |     |
|-----------------------------|--------|-----|---------|--------------|---|-----|
| Target Compounds            |        |     |         | Qvalue       |   |     |
| 3) Chloromethane            | 2.365  | 50  | 1478    | Below Cal    |   | 94  |
| 6) Chloroethane             | 3.189  | 64  | 1613    | 0.427 ug/l   | # | 43  |
| 11) Tert butyl alcohol      | 5.530  | 59  | 4931    | 8.352 ug/l   | # | 82  |
| 13) Acrolein                | 4.177  | 56  | 1285    | 4.851 ug/l   | # | 1   |
| 16) Acetone                 | 4.424  | 43  | 271792  | 167.304 ug/l |   | 96  |
| 18) Methyl Acetate          | 5.042  | 43  | 13220   | 1.701 ug/l   | # | 77  |
| 20) Methylene Chloride      | 5.271  | 84  | 24526   | 5.983 ug/l   |   | 94  |
| 25) 2-Butanone              | 7.489  | 43  | 63179   | 26.558 ug/l  | # | 86  |
| 29) Tetrahydrofuran         | 7.847  | 42  | 647     | 0.418 ug/l   | # | 63  |
| 31) Cyclohexane             | 8.247  | 56  | 18686   | 3.058 ug/l   | # | 76  |
| 36) 1,1-Dichloropropene     | 8.230  | 75  | 27419   | 4.256 ug/l   | # | 42  |
| 37) Ethyl Acetate           | 7.489  | 43  | 63179   | 10.693 ug/l  | # | 64  |
| 38) Carbon Tetrachloride    | 8.230  | 117 | 33916   | 5.224 ug/l   | # | 15  |
| 39) Methylcyclohexane       | 9.606  | 83  | 8014    | 1.322 ug/l   |   | 88  |
| 40) Benzene                 | 8.612  | 78  | 8051997 | 417.293 ug/l |   | 99  |
| 42) 1,2-Dichloroethane      | 8.606  | 62  | 73311   | 10.877 ug/l  | # | 73  |
| 43) Isopropyl Acetate       | 8.694  | 43  | 285737  | 27.577 ug/l  | # | 77  |
| 48) Methyl methacrylate     | 9.659  | 41  | 17255   | 3.802 ug/l   | # | 28  |
| 49) 1,4-Dioxane             | 9.741  | 88  | 338     | 4.215 ug/l   | # | 1   |
| 51) 4-Methyl-2-Pentanone    | 10.447 | 43  | 525208  | 90.034 ug/l  |   | 90  |
| 52) Toluene                 | 10.635 | 92  | 3607572 | 315.365 ug/l |   | 100 |
| 53) t-1,3-Dichloropropene   | 10.730 | 75  | 1566    | 0.222 ug/l   | # | 46  |
| 54) cis-1,3-Dichloropropene | 10.359 | 75  | 57855   | 7.540 ug/l   | # | 73  |
| 55) 1,1,2-Trichloroethane   | 10.888 | 97  | 24764   | 5.382 ug/l   | # | 20  |
| 56) Ethyl methacrylate      | 10.888 | 69  | 1806    | 0.275 ug/l   | # | 1   |
| 57) 1,3-Dichloropropane     | 11.206 | 76  | 6536    | 0.806 ug/l   | # | 42  |
| 59) 2-Hexanone              | 11.177 | 43  | 129245  | 28.962 ug/l  | # | 19  |
| 64) Tetrachloroethene       | 11.106 | 164 | 2711    | 0.619 ug/l   | # | 85  |
| 67) Ethyl Benzene           | 11.965 | 91  | 409053  | 16.009 ug/l  |   | 96  |
| 68) m/p-Xylenes             | 12.071 | 106 | 802072  | 84.269 ug/l  |   | 94  |
| 69) o-Xylene                | 12.400 | 106 | 594051  | 64.815 ug/l  |   | 91  |
| 70) Styrene                 | 12.412 | 104 | 131123  | 8.902 ug/l   | # | 25  |
| 71) Bromoform               | 12.853 | 173 | 2293    | 0.611 ug/l   | # | 1   |
| 73) Isopropylbenzene        | 12.700 | 105 | 26560   | 1.139 ug/l   |   | 98  |
| 74) N-amyl acetate          | 12.465 | 43  | 18633   | 1.831 ug/l   | # | 37  |
| 76) 1,2,3-Trichloropropane  | 12.853 | 75  | 162125  | 22.482 ug/l  | # | 1   |

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 Acq On : 07 Nov 2023 08:05  
 Operator : JC\MD  
 Sample : 05107-24  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

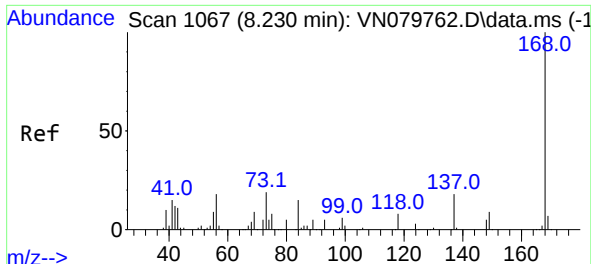
Quant Time: Nov 07 12:32:17 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 02 05:49:08 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| 78) n-propylbenzene           | 13.041 | 91   | 37503    | 1.405   | ug/l   | 91       |
| 79) 2-Chlorotoluene           | 13.100 | 91   | 24543    | 1.439   | ug/l # | 43       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 170985   | 9.427   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75   | 162125   | 61.167  | ug/l # | 18       |
| 82) 4-Chlorotoluene           | 13.176 | 91   | 20185    | 1.191   | ug/l # | 41       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 580277   | 32.518  | ug/l   | 82       |
| 85) sec-Butylbenzene          | 13.488 | 105  | 580277   | 28.211  | ug/l # | 57       |
| 86) p-Isopropyltoluene        | 13.676 | 119  | 12097    | 0.721   | ug/l   | 95       |
| 89) n-Butylbenzene            | 14.000 | 91   | 22465    | 1.555   | ug/l # | 59       |
| 90) Hexachloroethane          | 14.329 | 117  | 3279     | 0.987   | ug/l # | 21       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.706 | 75   | 1204     | 0.859   | ug/l # | 4        |
| 95) Naphthalene               | 15.647 | 128  | 10861220 | 672.020 | ug/l   | 99       |
| -----                         |        |      |          |         |        |          |

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

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QLast Update : Thu Nov 02 05:49:08 2023  
Response via : Initial Calibration

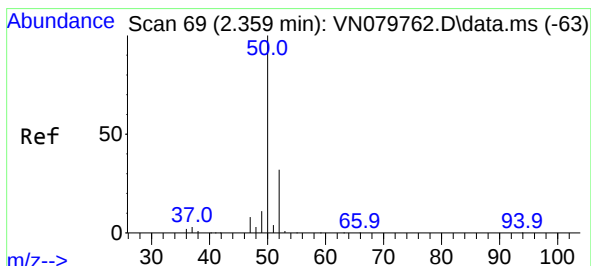
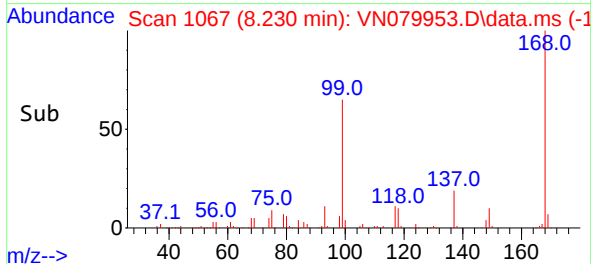
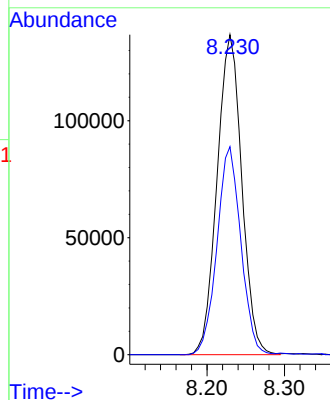
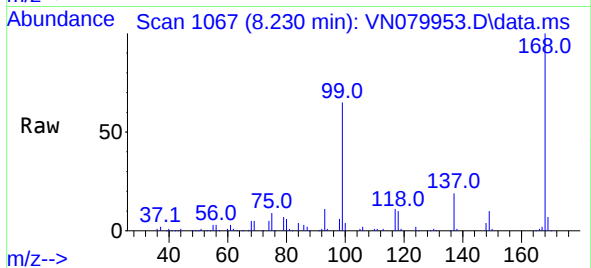




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. 0.001 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

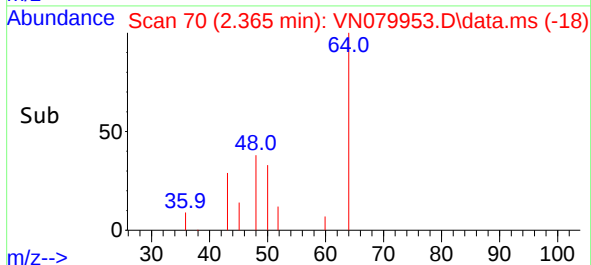
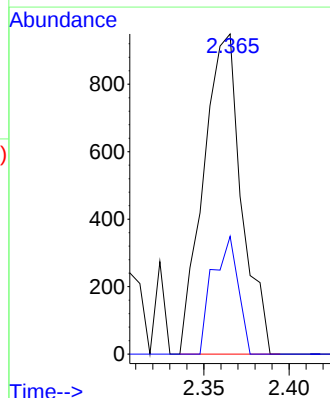
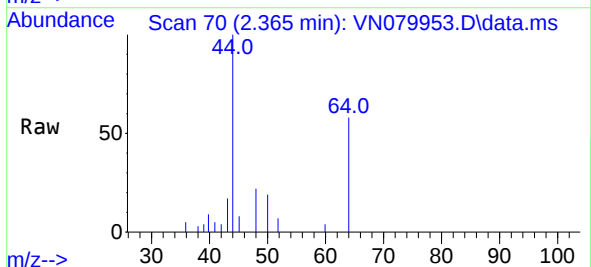
Instrument :  
MSVOA\_N  
ClientSampleId :

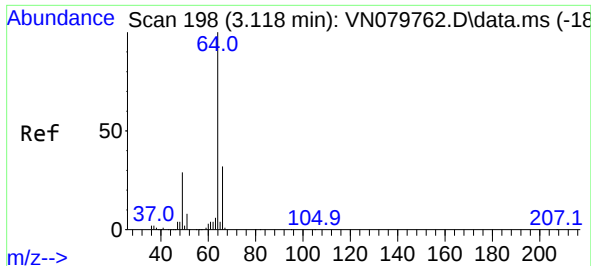
Tgt Ion:168 Resp: 303563  
Ion Ratio Lower Upper  
168 100  
99 65.0 53.0 79.6



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Tgt Ion: 50 Resp: 1478  
Ion Ratio Lower Upper  
50 100  
52 36.8 26.5 39.7

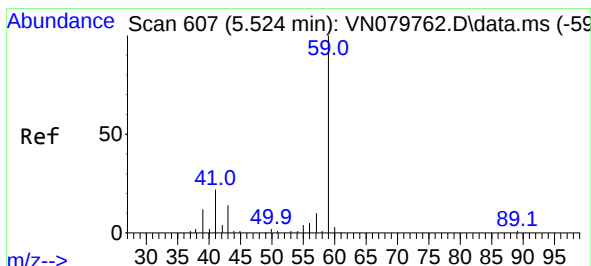
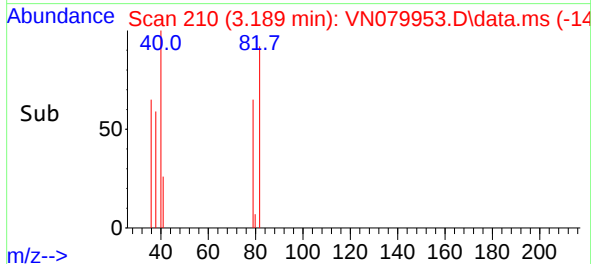
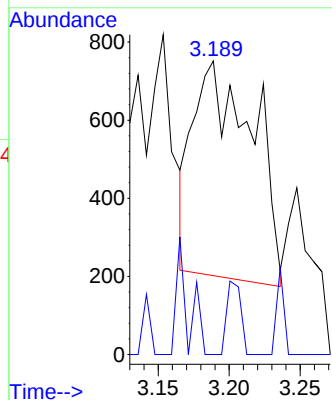
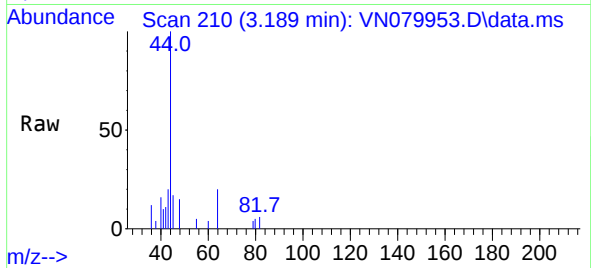




#6  
Chloroethane  
Concen: 0.427 ug/l  
RT: 3.189 min Scan# 210  
Delta R.T. 0.071 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

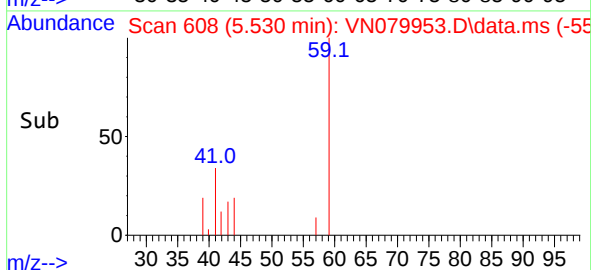
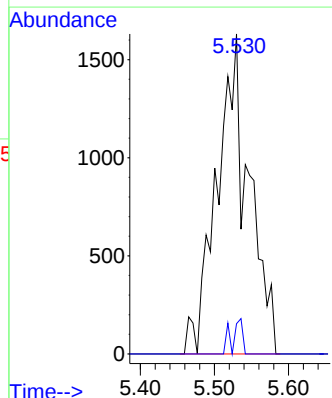
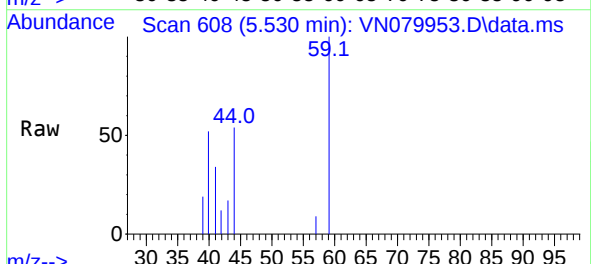
Instrument :  
MSVOA\_N  
ClientSampleId :

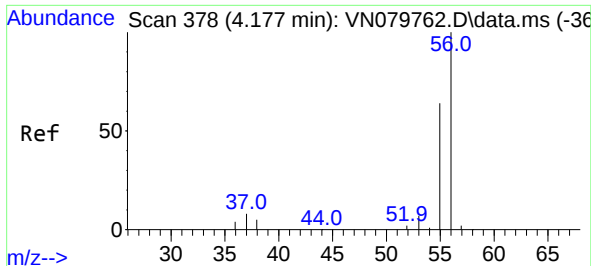
Tgt Ion: 64 Resp: 1613  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.4 38.2#



#11  
Tert butyl alcohol  
Concen: 8.352 ug/l  
RT: 5.530 min Scan# 608  
Delta R.T. 0.012 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

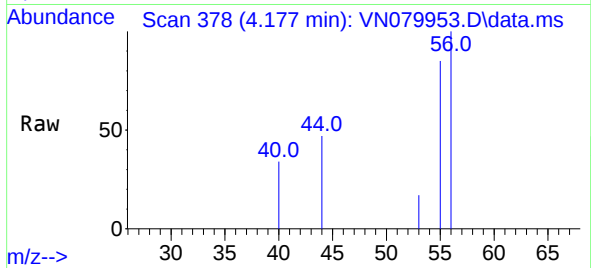
Tgt Ion: 59 Resp: 4931  
Ion Ratio Lower Upper  
59 100  
57 3.5 8.2 12.4#



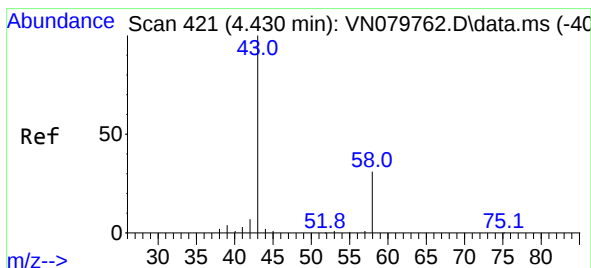
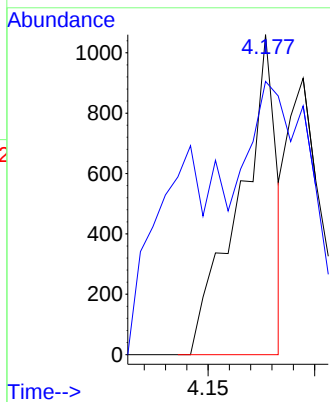
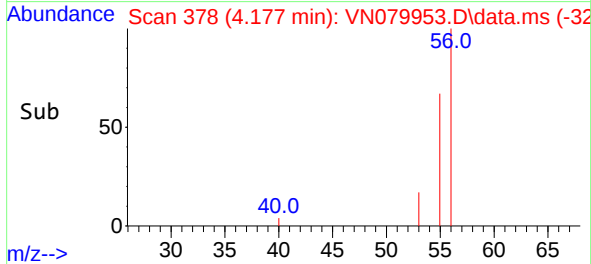


#13  
Acrolein  
Concen: 4.851 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Instrument :  
MSVOA\_N  
ClientSampleId :

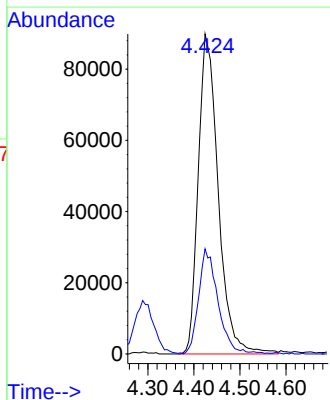
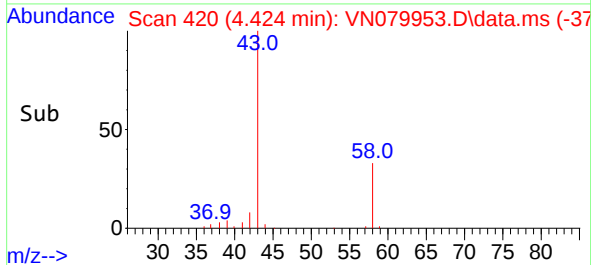
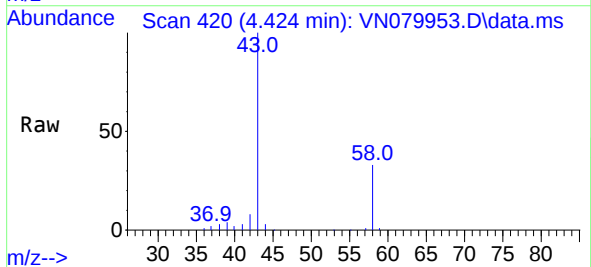


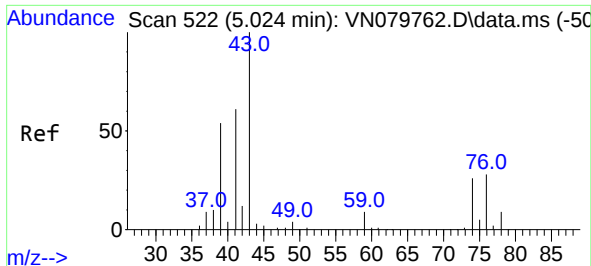
Tgt Ion: 56 Resp: 1285  
Ion Ratio Lower Upper  
56 100  
55 174.3 54.5 81.7#



#16  
Acetone  
Concen: 167.304 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.006 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Tgt Ion: 43 Resp: 271792  
Ion Ratio Lower Upper  
43 100  
58 32.7 28.0 42.0





#18

Methyl Acetate

Concen: 1.701 ug/l

RT: 5.042 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN079953.D

Acq: 07 Nov 2023 08:05

Instrument :

MSVOA\_N

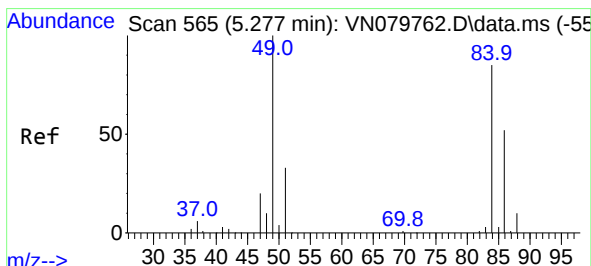
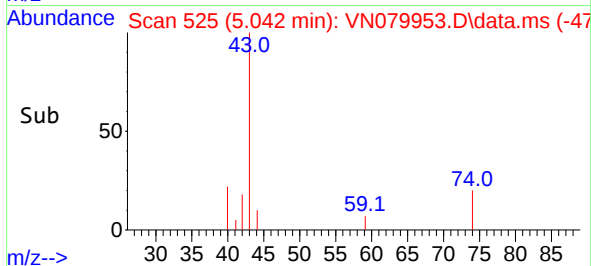
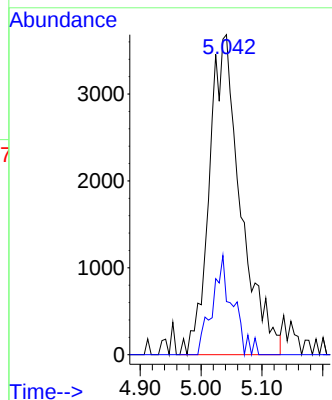
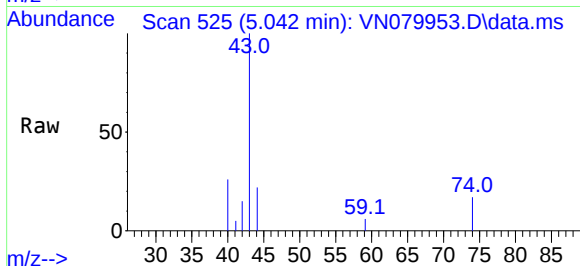
ClientSampleId :

Tgt Ion: 43 Resp: 13220

Ion Ratio Lower Upper

43 100

74 20.0 26.2 39.4#



#20

Methylene Chloride

Concen: 5.983 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN079953.D

Acq: 07 Nov 2023 08:05

Tgt Ion: 84 Resp: 24526

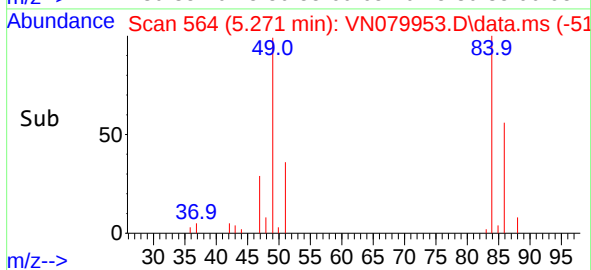
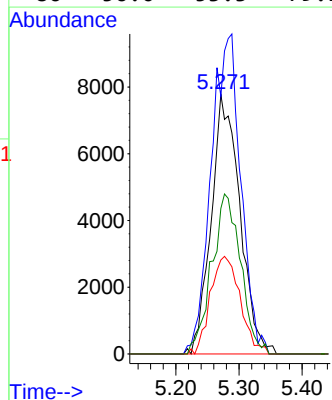
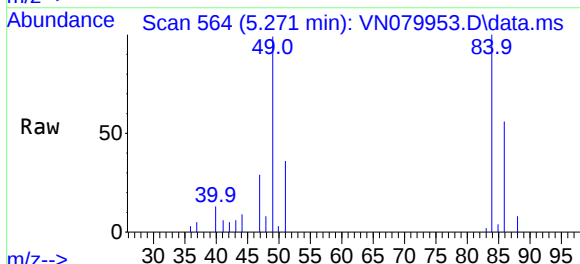
Ion Ratio Lower Upper

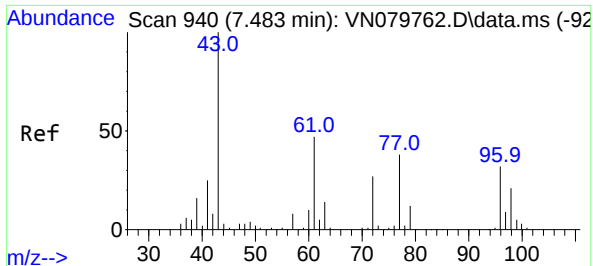
84 100

49 99.2 79.7 119.5

51 36.2 25.2 37.8

86 56.0 53.3 79.9

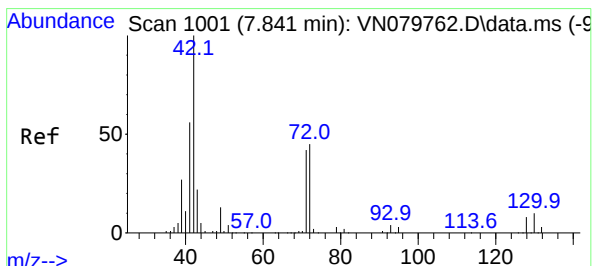
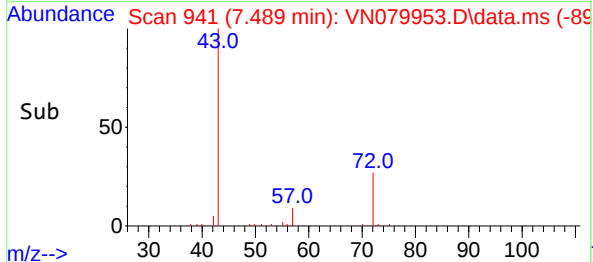
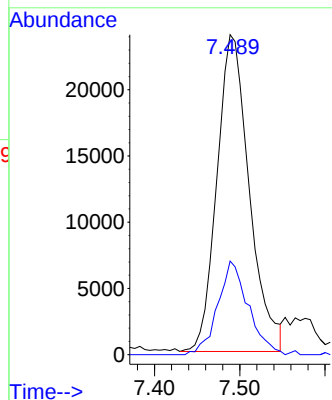
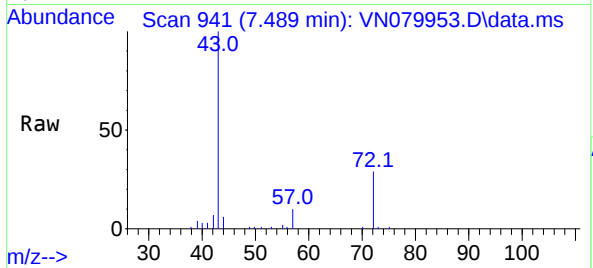




#25  
2-Butanone  
Concen: 26.558 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

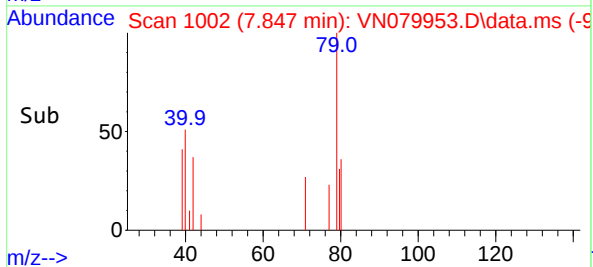
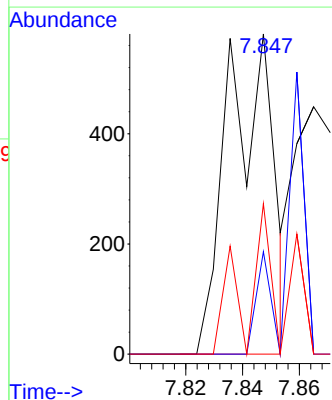
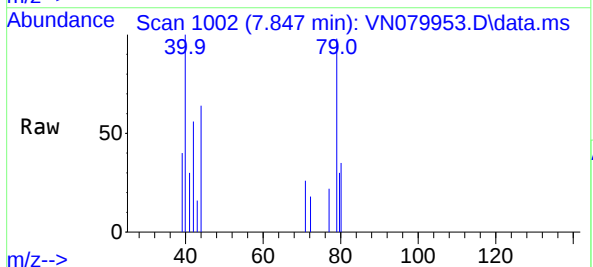
Instrument :  
MSVOA\_N  
ClientSampleId :

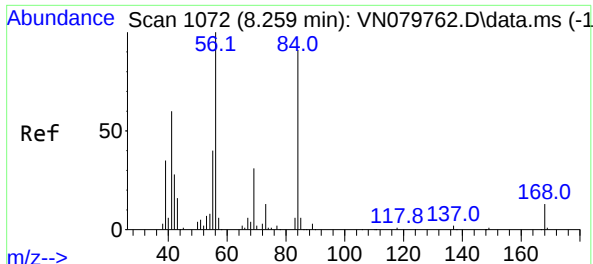
Tgt Ion: 43 Resp: 63179  
Ion Ratio Lower Upper  
43 100  
72 29.6 30.2 45.2#



#29  
Tetrahydrofuran  
Concen: 0.418 ug/l  
RT: 7.847 min Scan# 1002  
Delta R.T. 0.006 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

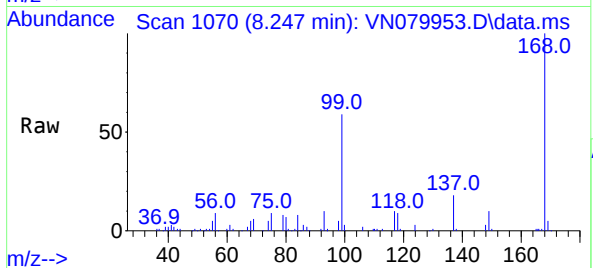
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Ion Ratio Lower Upper  
42 100  
72 38.0 49.8 74.6#  
71 26.7 47.4 71.2#



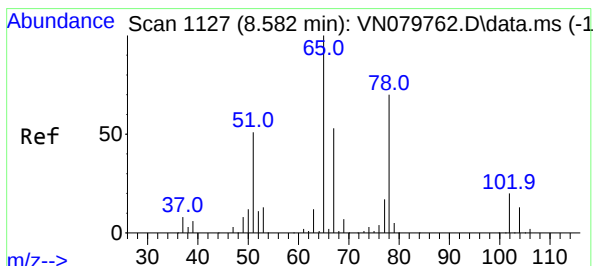
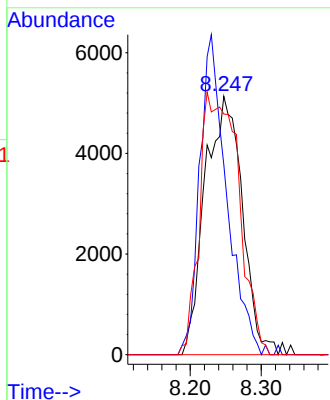
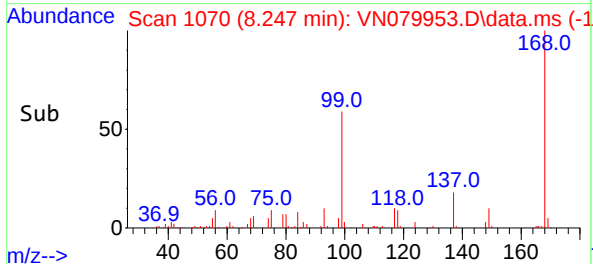


#31  
Cyclohexane  
Concen: 3.058 ug/l  
RT: 8.247 min Scan# 1070  
Delta R.T. -0.012 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

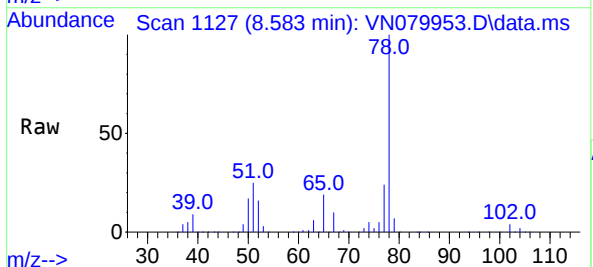
Instrument :  
MSVOA\_N  
ClientSampleId :



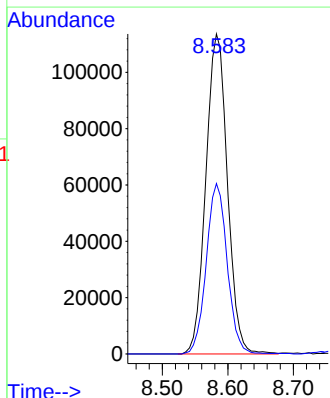
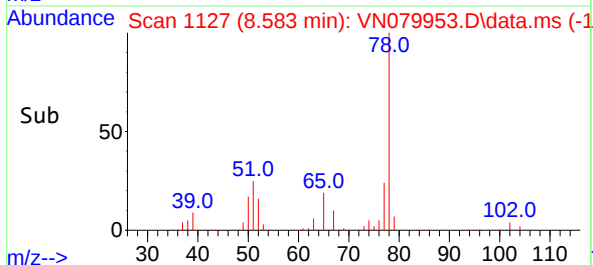
Tgt Ion: 56 Resp: 18686  
Ion Ratio Lower Upper  
56 100  
69 73.6 26.8 40.2#  
84 93.1 81.8 122.6

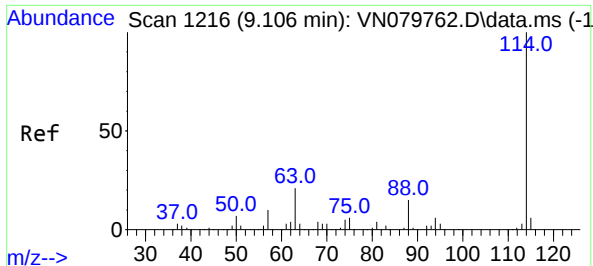


#33  
1,2-Dichloroethane-d4  
Concen: 56.146 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05



Tgt Ion: 65 Resp: 259670  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 106.6

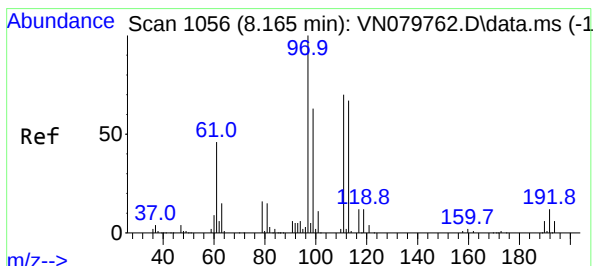
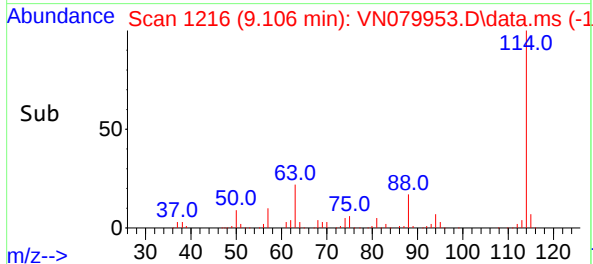
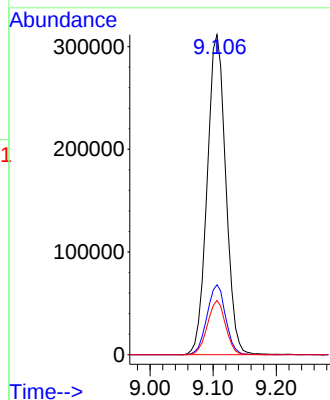
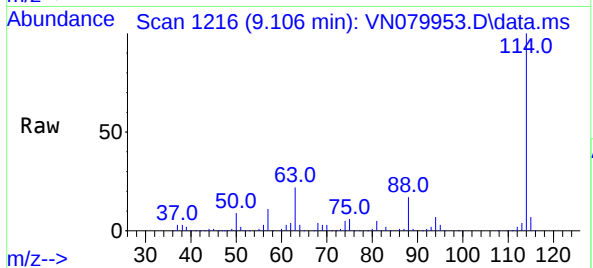




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

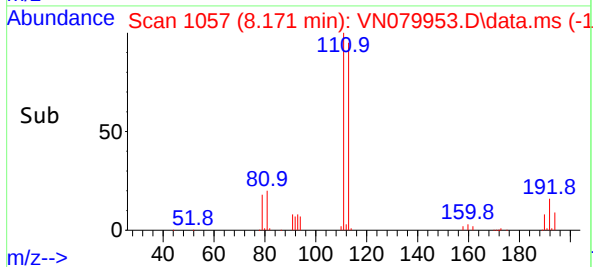
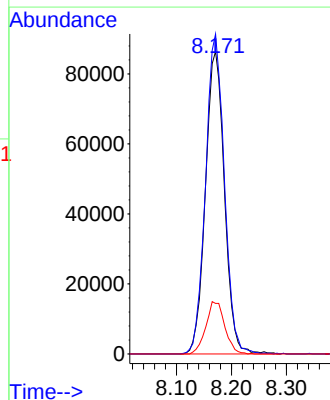
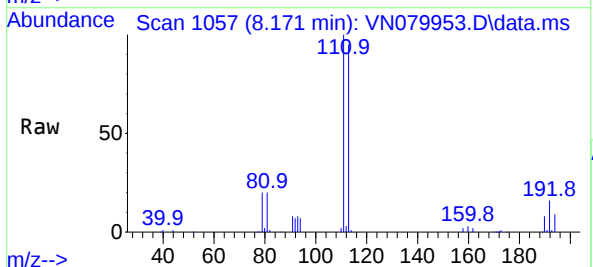
Instrument :  
MSVOA\_N  
ClientSampleId :

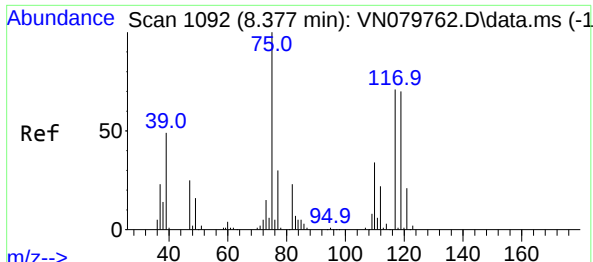
Tgt Ion:114 Resp: 637501  
Ion Ratio Lower Upper  
114 100  
63 21.9 0.0 36.4  
88 16.9 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 45.970 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

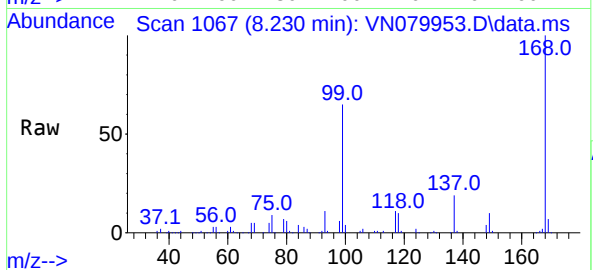
Tgt Ion:113 Resp: 207415  
Ion Ratio Lower Upper  
113 100  
111 105.0 82.6 123.8  
192 17.2 12.7 19.1





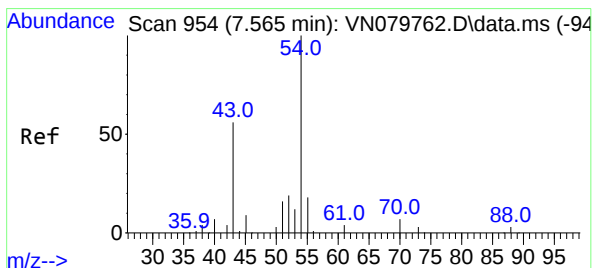
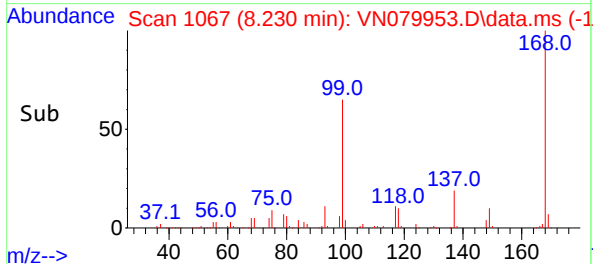
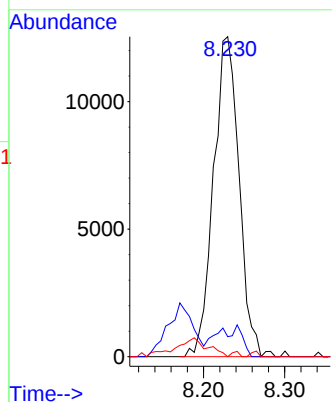
#36  
 1,1-Dichloropropene  
 Concen: 4.256 ug/l  
 RT: 8.230 min Scan# 1092  
 Delta R.T. -0.147 min  
 Lab File: VN079953.D  
 Acq: 07 Nov 2023 08:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion: 75 Resp: 27419

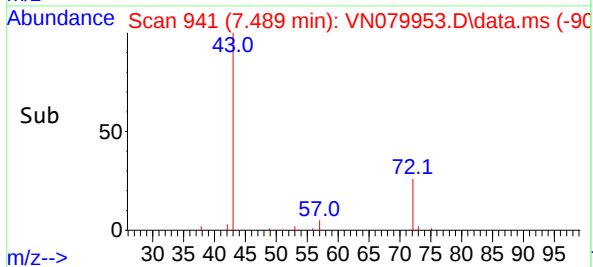
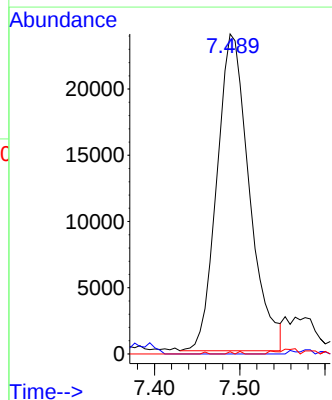
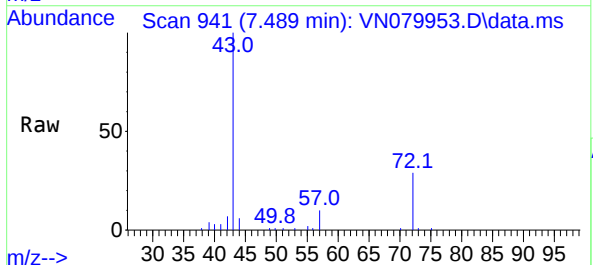
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 2.9   | 19.1  | 57.3# |
| 77  | 0.0   | 25.0  | 37.4# |

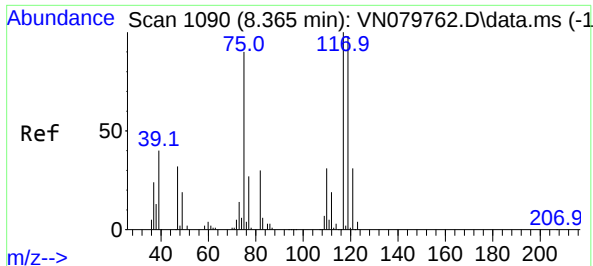


#37  
 Ethyl Acetate  
 Concen: 10.693 ug/l  
 RT: 7.489 min Scan# 941  
 Delta R.T. -0.076 min  
 Lab File: VN079953.D  
 Acq: 07 Nov 2023 08:05

Tgt Ion: 43 Resp: 63179

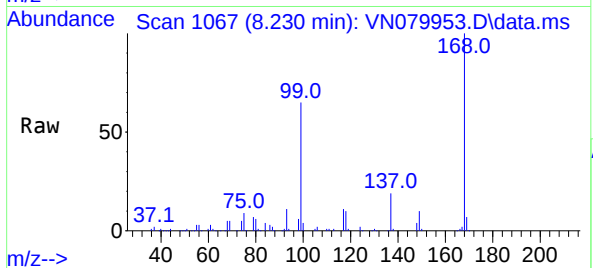
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 0.0   | 13.2  | 19.8# |
| 70  | 0.2   | 11.3  | 16.9# |



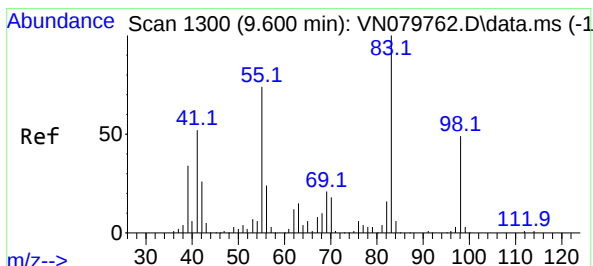
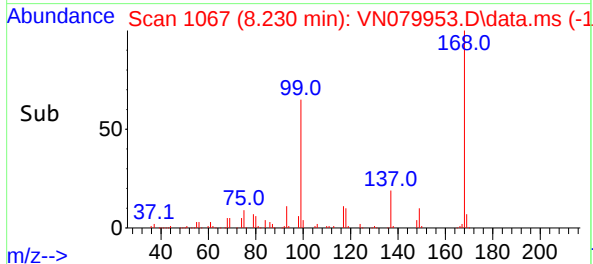
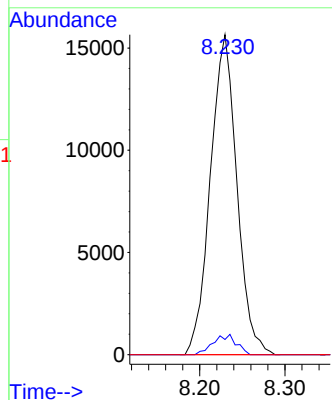


#38  
Carbon Tetrachloride  
Concen: 5.224 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.129 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Instrument :  
MSVOA\_N  
ClientSampleId :

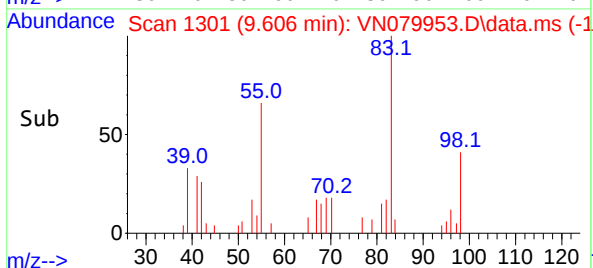
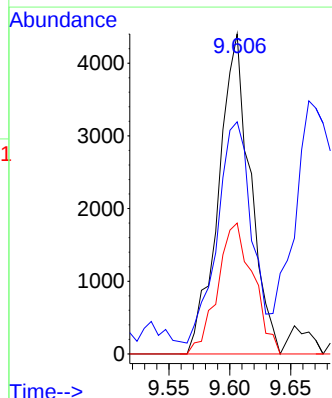
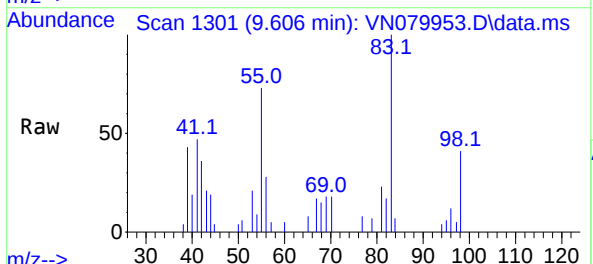


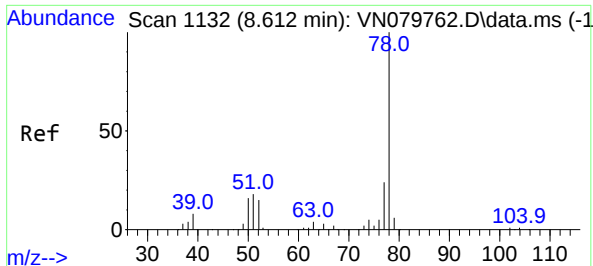
Tgt Ion:117 Resp: 33916  
Ion Ratio Lower Upper  
117 100  
119 4.8 77.3 115.9#  
121 0.0 23.3 34.9#



#39  
Methylcyclohexane  
Concen: 1.322 ug/l  
RT: 9.606 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Tgt Ion: 83 Resp: 8014  
Ion Ratio Lower Upper  
83 100  
55 68.7 49.1 73.7  
98 40.9 40.6 61.0

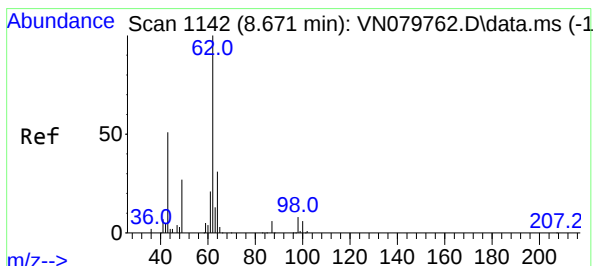
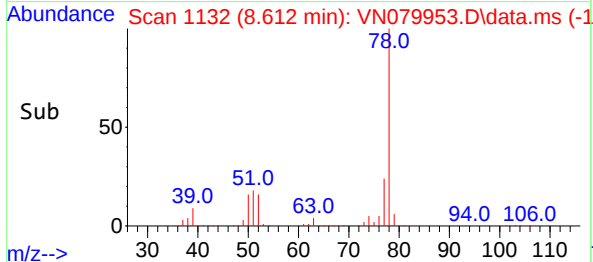
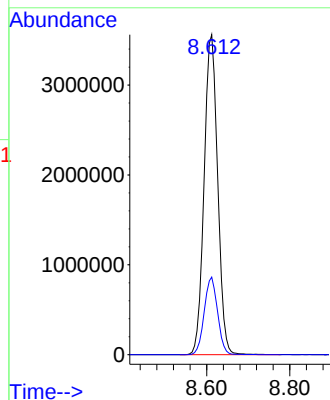
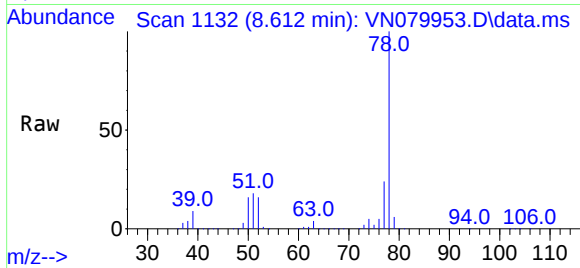




#40  
Benzene  
Concen: 417.293 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

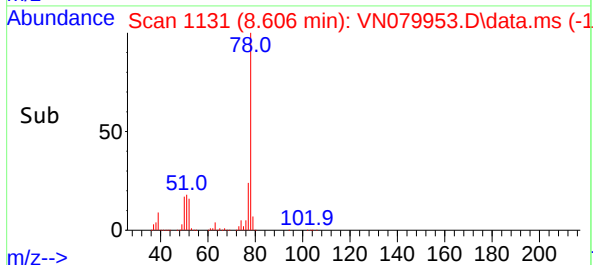
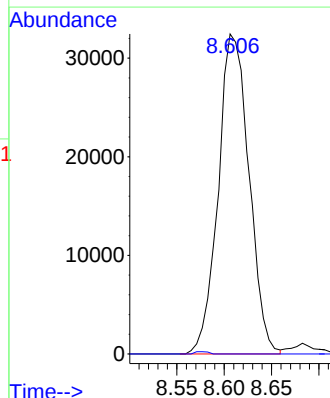
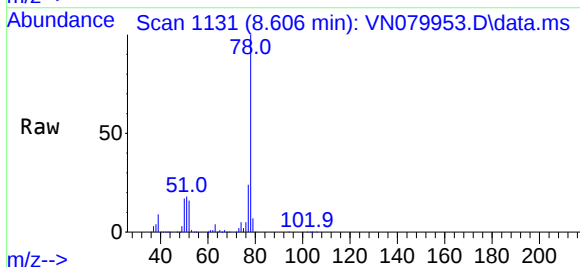
Instrument :  
MSVOA\_N  
ClientSampleId :

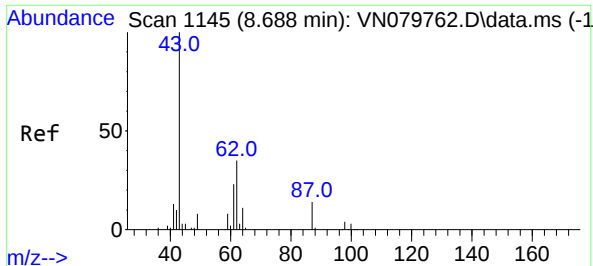
Tgt Ion: 78 Resp: 8051997  
Ion Ratio Lower Upper  
78 100  
77 24.3 19.0 28.6



#42  
1,2-Dichloroethane  
Concen: 10.877 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.065 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

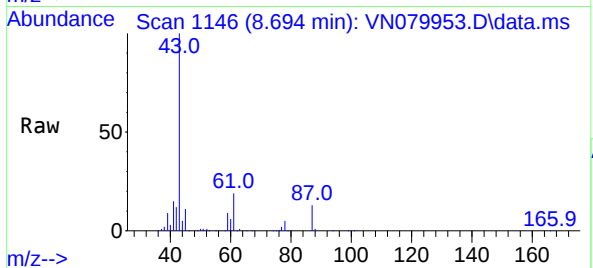
Tgt Ion: 62 Resp: 73311  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 19.8



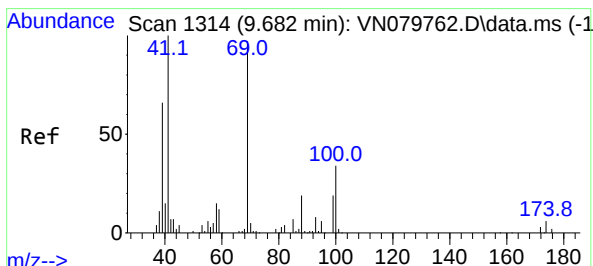
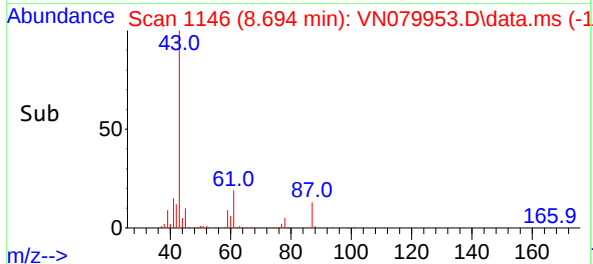
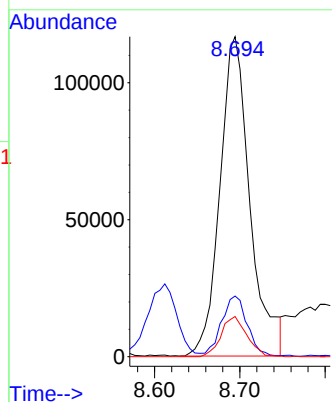


#43  
Isopropyl Acetate  
Concen: 27.577 ug/l  
RT: 8.694 min Scan# 1145  
Delta R.T. 0.006 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Instrument :  
MSVOA\_N  
ClientSampleId :

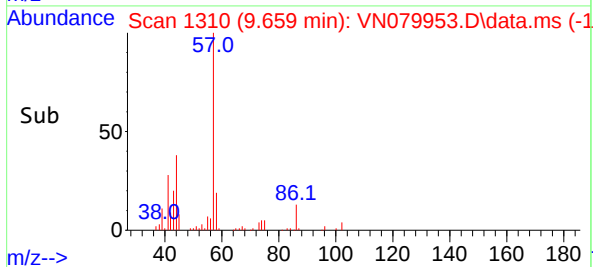
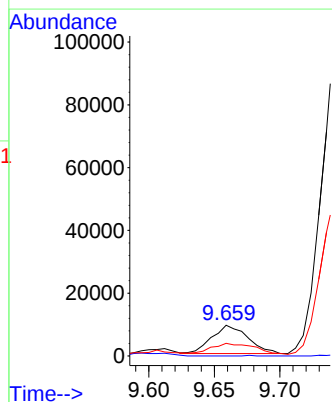
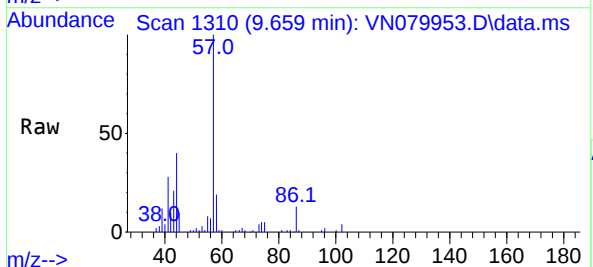


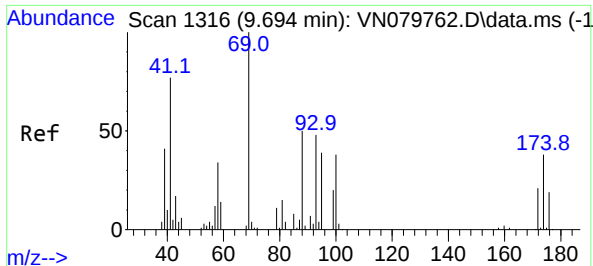
Tgt Ion: 43 Resp: 285737  
Ion Ratio Lower Upper  
43 100  
61 16.4 24.7 37.1#  
87 10.8 14.6 21.8#



#48  
Methyl methacrylate  
Concen: 3.802 ug/l  
RT: 9.659 min Scan# 1310  
Delta R.T. -0.023 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Tgt Ion: 41 Resp: 17255  
Ion Ratio Lower Upper  
41 100  
69 0.4 90.4 135.6#  
39 54.3 54.6 81.8#

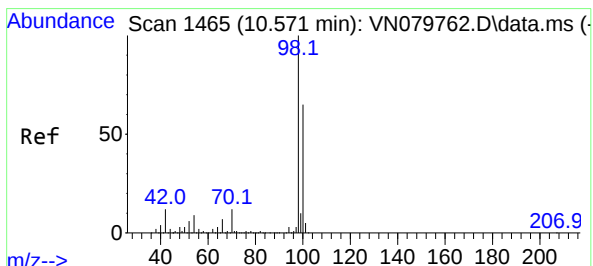
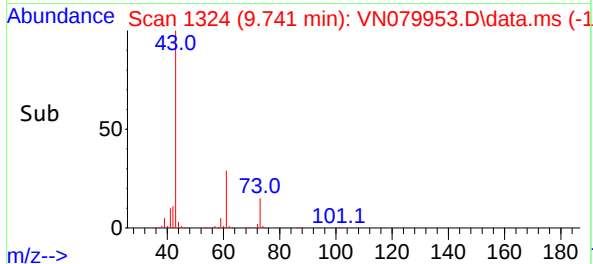
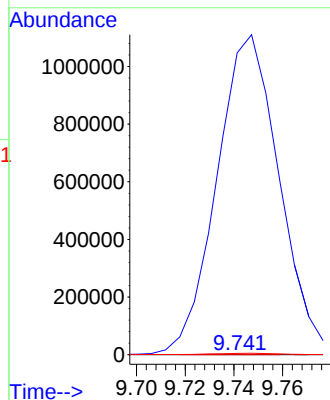
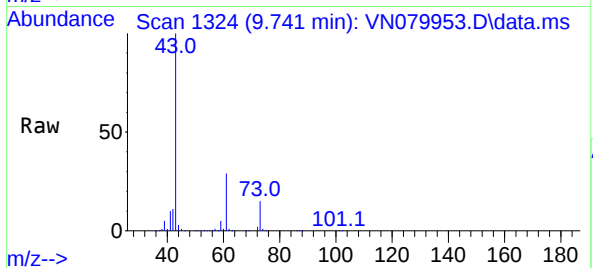




#49  
1,4-Dioxane  
Concen: 4.215 ug/l  
RT: 9.741 min Scan# 11  
Delta R.T. 0.047 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

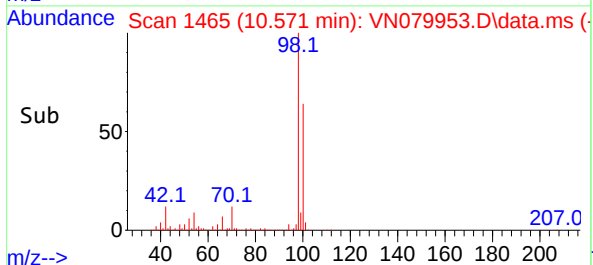
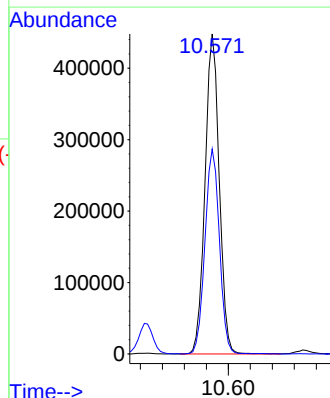
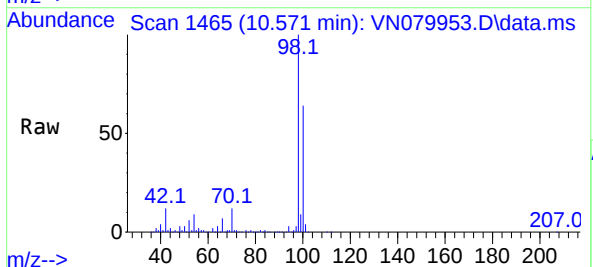
Instrument :  
MSVOA\_N  
ClientSampleId :

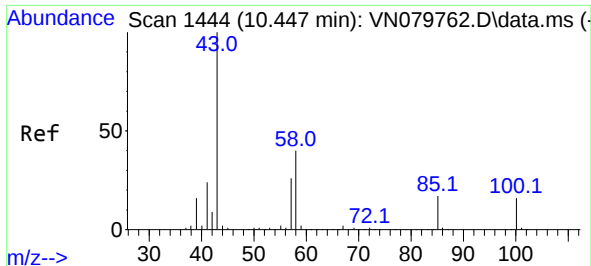
Tgt Ion: 88 Resp: 338  
Ion Ratio Lower Upper  
88 100  
43 588121.0 17.0 25.6#  
58 3068.3 47.0 70.4#



#50  
Toluene-d8  
Concen: 48.366 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Tgt Ion: 98 Resp: 803377  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 90.034 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN079953.D

Acq: 07 Nov 2023 08:05

Instrument :

MSVOA\_N

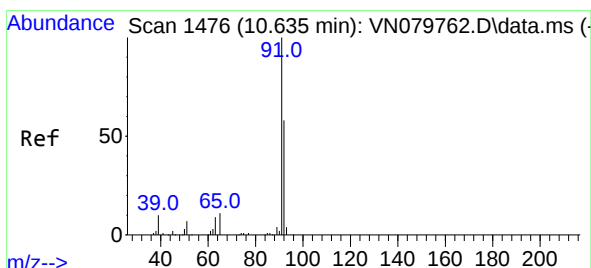
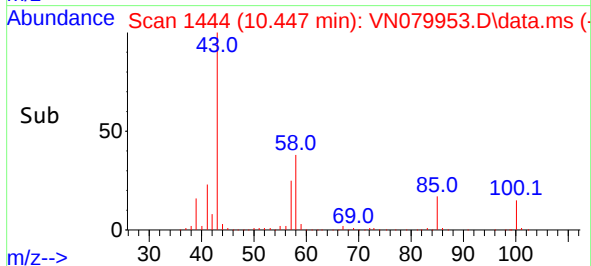
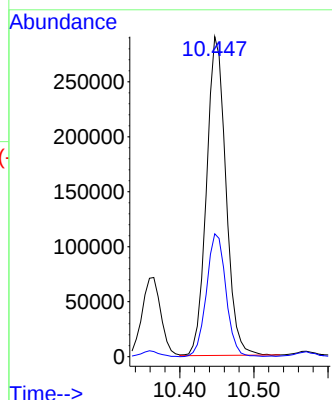
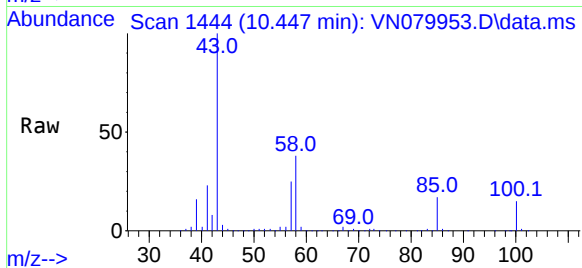
ClientSampleId :

Tgt Ion: 43 Resp: 525208

Ion Ratio Lower Upper

43 100

58 38.8 36.6 54.8



#52

Toluene

Concen: 315.365 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079953.D

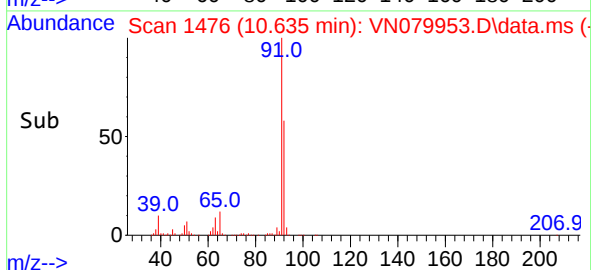
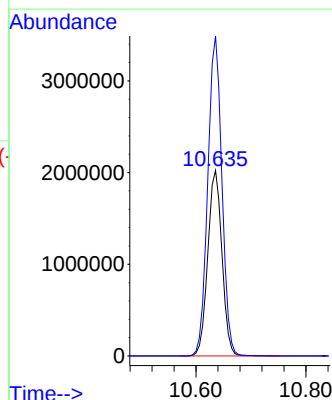
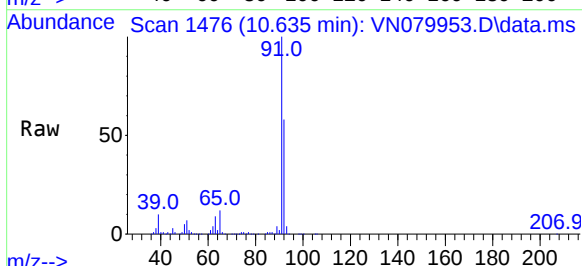
Acq: 07 Nov 2023 08:05

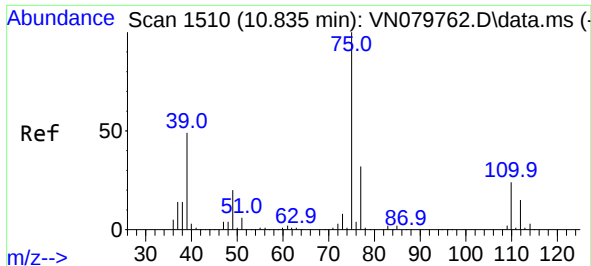
Tgt Ion: 92 Resp: 3607572

Ion Ratio Lower Upper

92 100

91 172.4 137.4 206.0

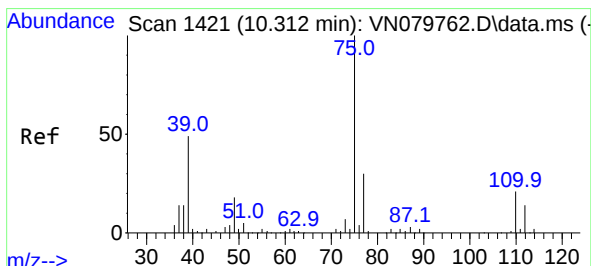
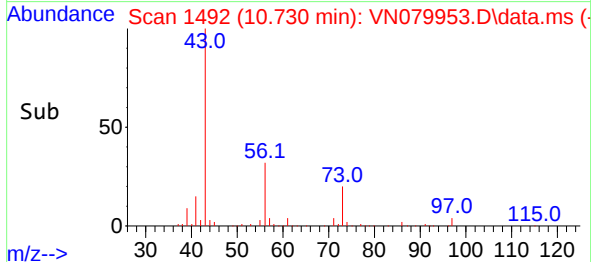
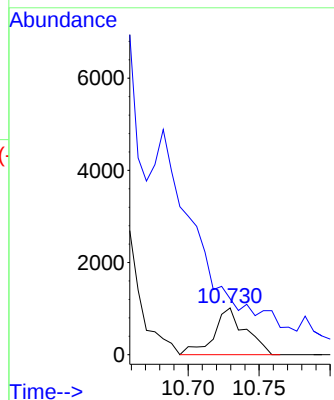
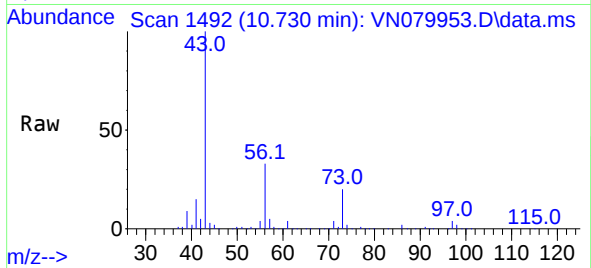




#53  
t-1,3-Dichloropropene  
Concen: 0.222 ug/l  
RT: 10.730 min Scan# 1492  
Delta R.T. -0.112 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

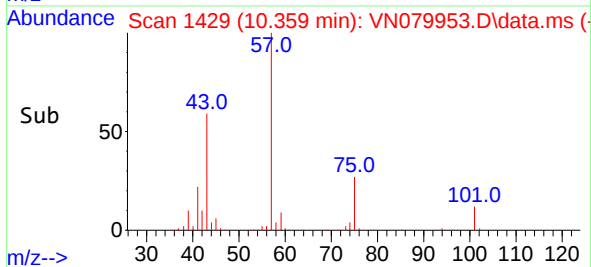
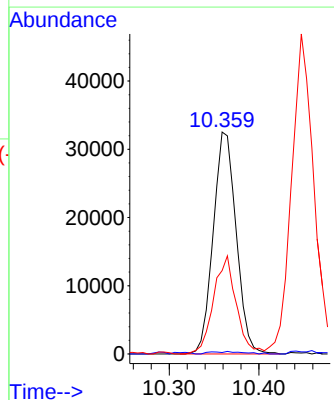
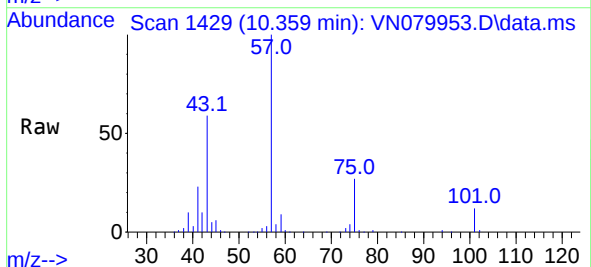
Instrument :  
MSVOA\_N  
ClientSampleId :

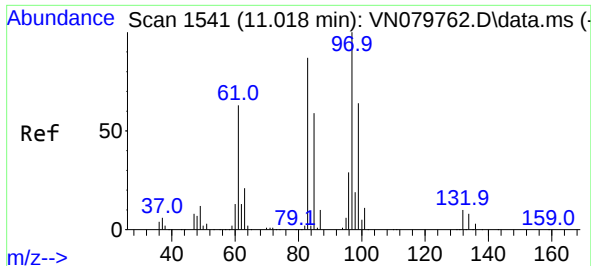
Tgt Ion: 75 Resp: 1566  
Ion Ratio Lower Upper  
75 100  
77 61.6 25.4 38.0#



#54  
cis-1,3-Dichloropropene  
Concen: 7.540 ug/l  
RT: 10.359 min Scan# 1429  
Delta R.T. 0.041 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

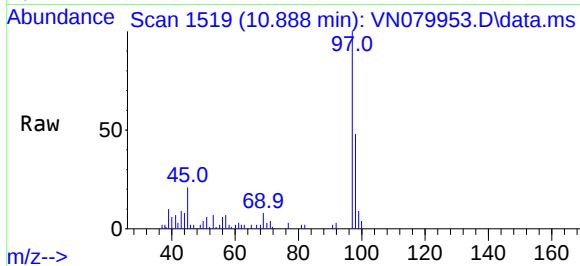
Tgt Ion: 75 Resp: 57855  
Ion Ratio Lower Upper  
75 100  
77 0.7 26.1 39.1#  
39 37.6 31.6 47.4



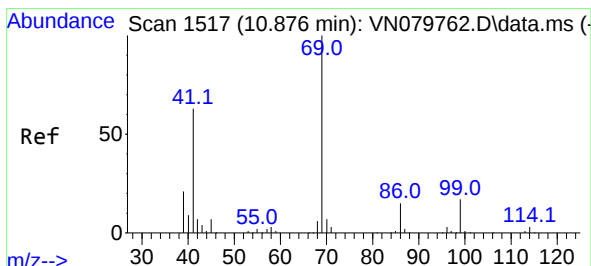
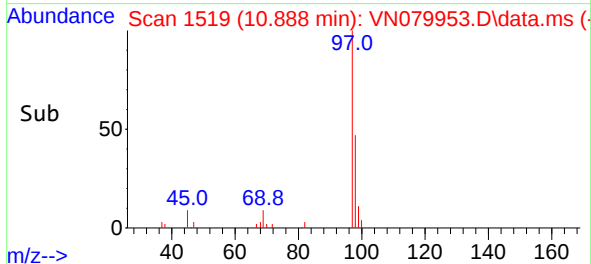
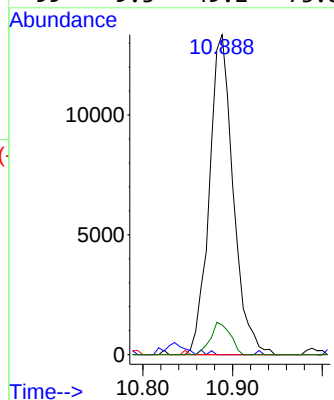


#55  
1,1,2-Trichloroethane  
Concen: 5.382 ug/l  
RT: 10.888 min Scan# 1519  
Delta R.T. -0.129 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Instrument :  
MSVOA\_N  
ClientSampleId :

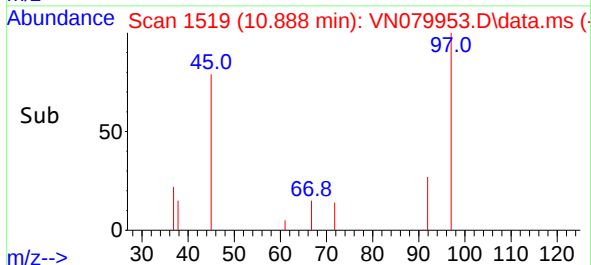
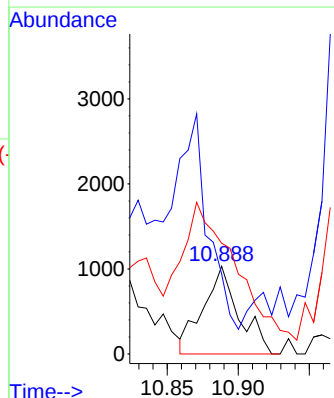
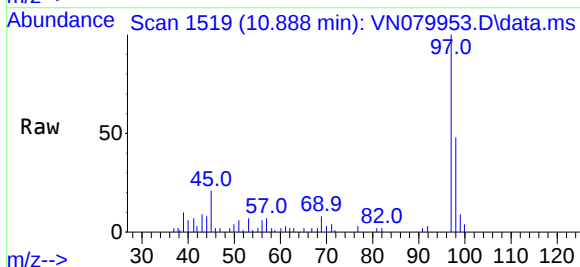


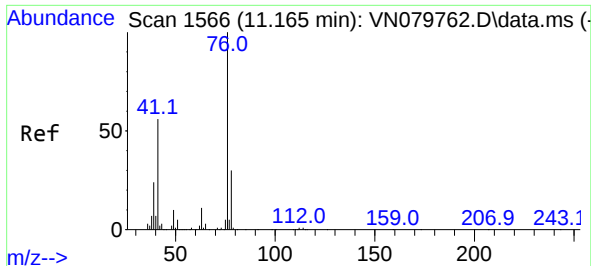
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 24764 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 0.0      | 65.1 97.7#  |
| 85 0.0      | 43.4 65.2#  |
| 99 9.3      | 49.2 73.8#  |



#56  
Ethyl methacrylate  
Concen: 0.275 ug/l  
RT: 10.888 min Scan# 1519  
Delta R.T. 0.012 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 1806  |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 215.6    | 39.6 59.4#  |
| 39 0.0      | 28.6 43.0#  |





#57

1,3-Dichloropropane

Concen: 0.806 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.041 min

Lab File: VN079953.D

Acq: 07 Nov 2023 08:05

Instrument :

MSVOA\_N

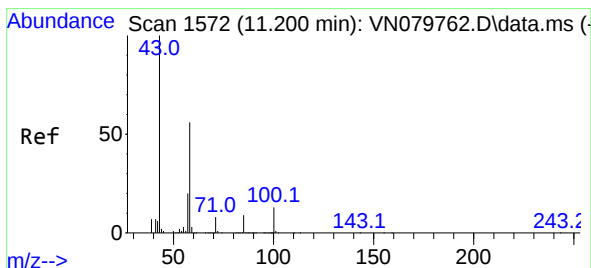
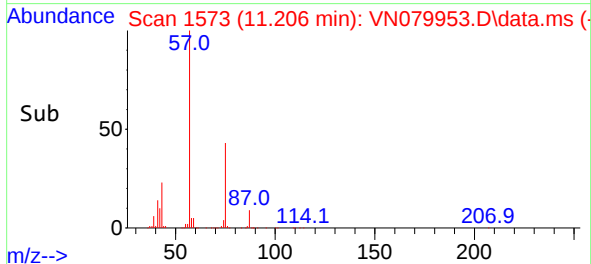
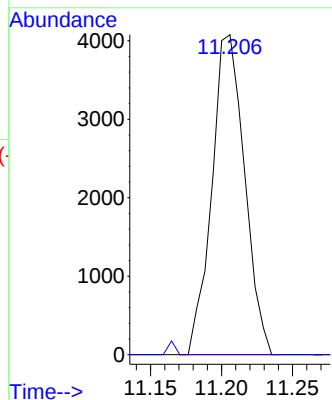
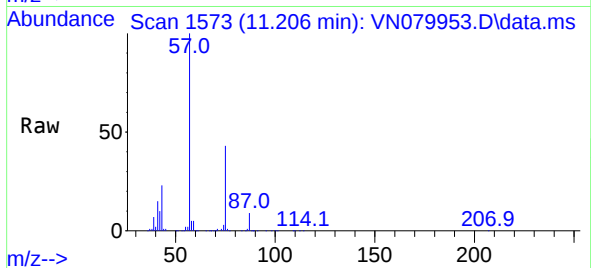
ClientSampleId :

Tgt Ion: 76 Resp: 6536

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 28.962 ug/l

RT: 11.177 min Scan# 1568

Delta R.T. -0.023 min

Lab File: VN079953.D

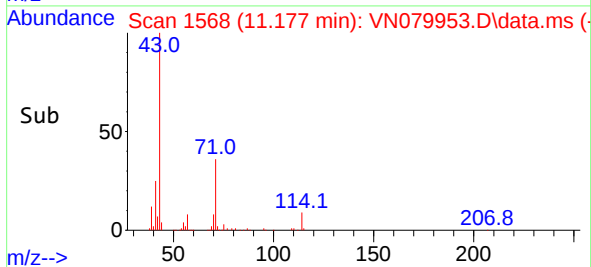
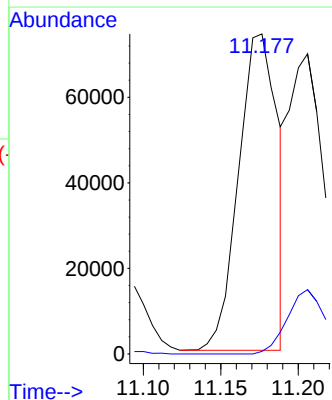
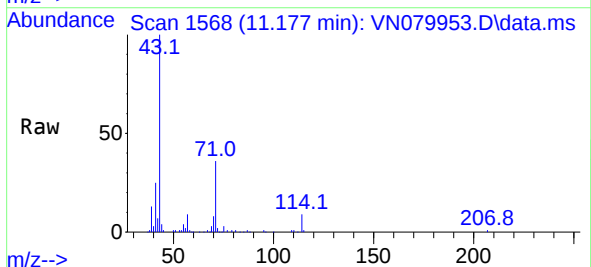
Acq: 07 Nov 2023 08:05

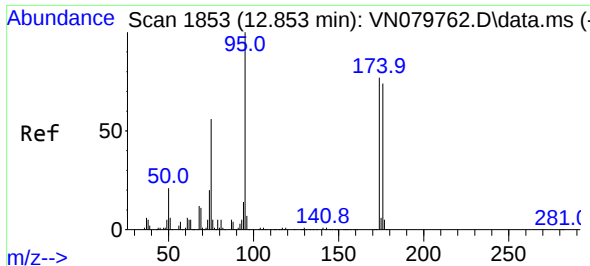
Tgt Ion: 43 Resp: 129245

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

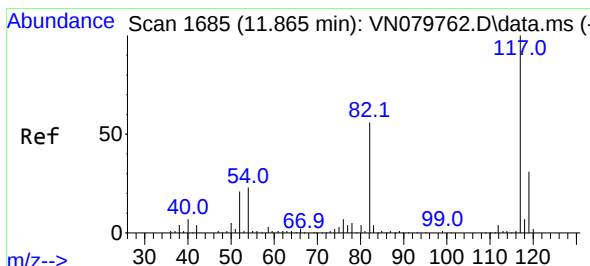
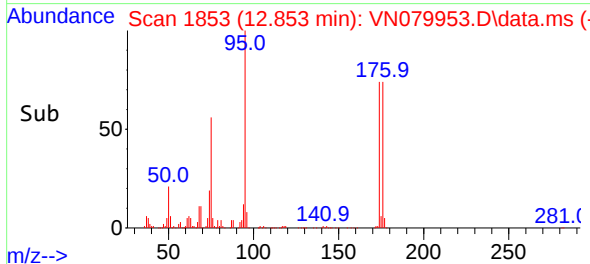
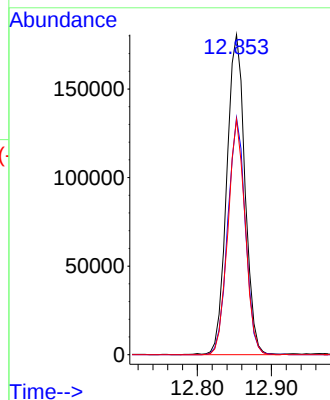
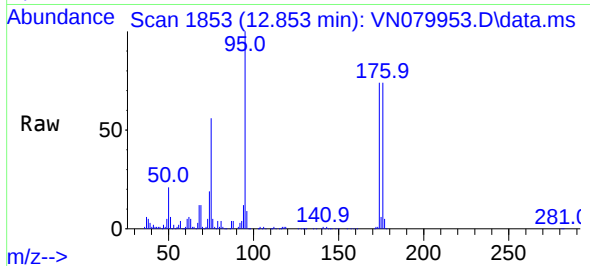




#62  
4-Bromofluorobenzene  
Concen: 55.789 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

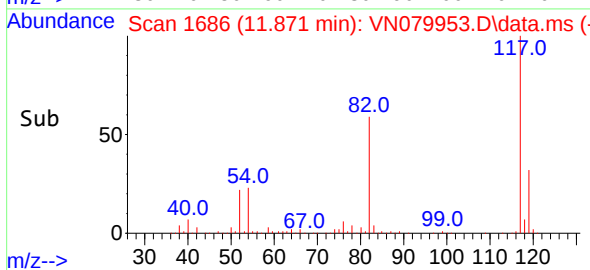
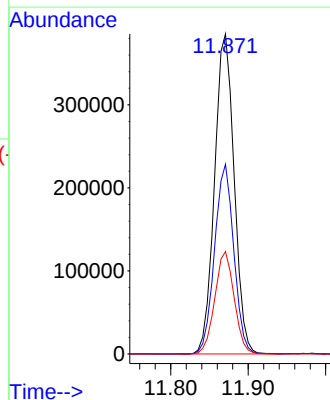
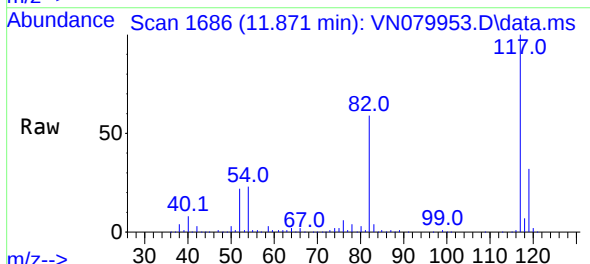
Instrument :  
MSVOA\_N  
ClientSampleId :

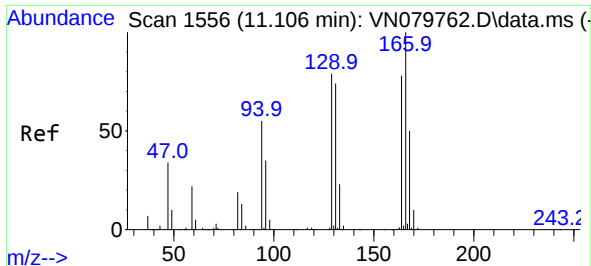
Tgt Ion: 95 Resp: 307331  
Ion Ratio Lower Upper  
95 100  
174 71.3 0.0 143.8  
176 69.6 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

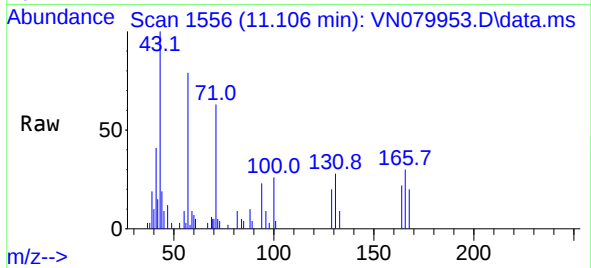
Tgt Ion: 117 Resp: 676071  
Ion Ratio Lower Upper  
117 100  
82 59.2 44.0 66.0  
119 32.0 25.6 38.4



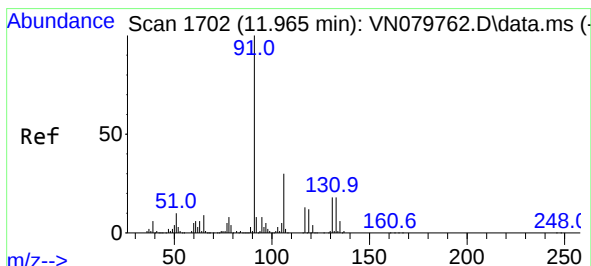
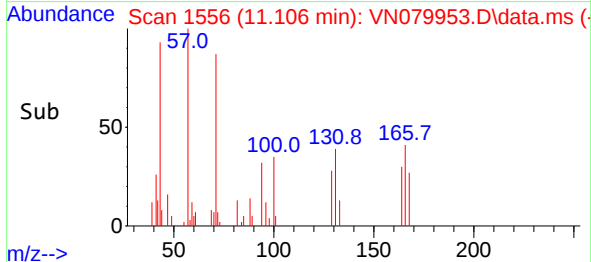
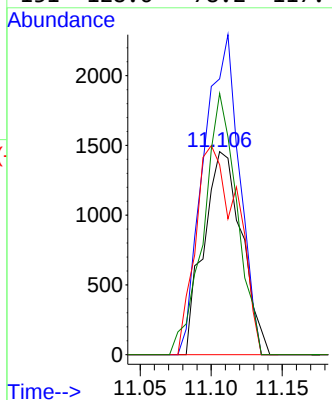


#64  
Tetrachloroethene  
Concen: 0.619 ug/l  
RT: 11.106 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Instrument :  
MSVOA\_N  
ClientSampleId :

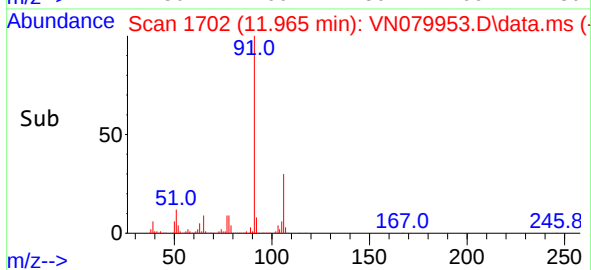
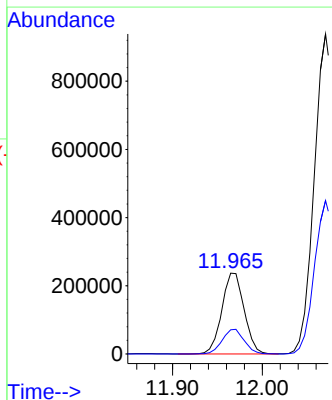
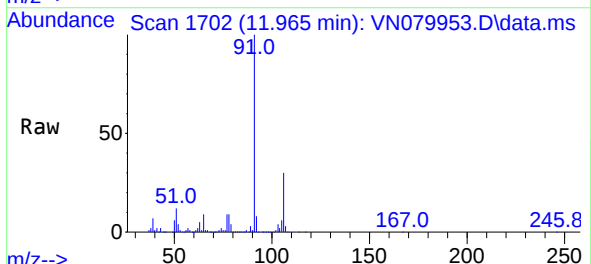


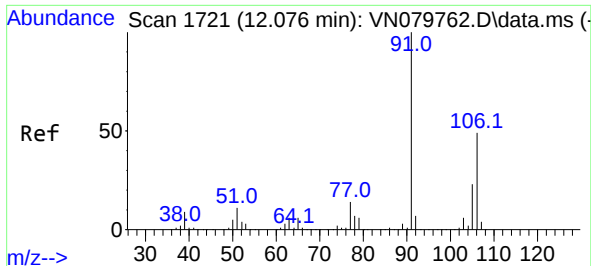
Tgt Ion:164 Resp: 2711  
Ion Ratio Lower Upper  
164 100  
166 135.9 101.4 152.0  
129 93.5 82.4 123.6  
131 128.6 78.2 117.4#



#67  
Ethyl Benzene  
Concen: 16.009 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Tgt Ion: 91 Resp: 409053  
Ion Ratio Lower Upper  
91 100  
106 30.0 25.6 38.4

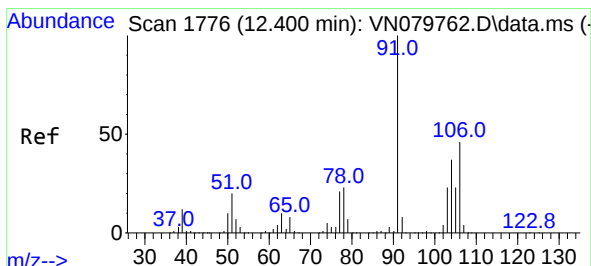
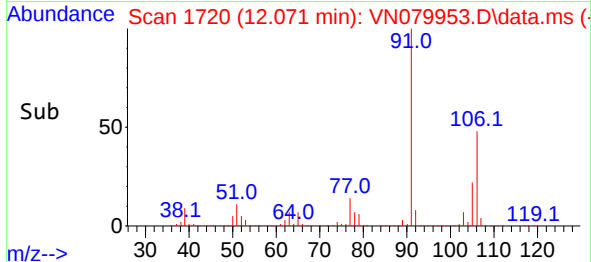
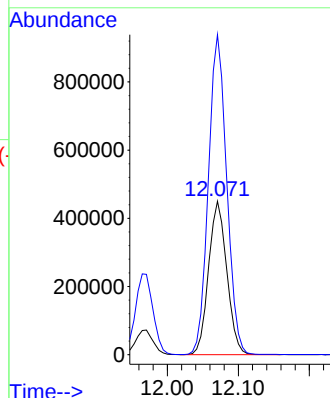
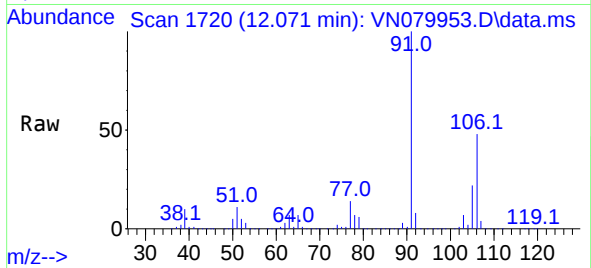




#68  
m/p-Xylenes  
Concen: 84.269 ug/l  
RT: 12.071 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

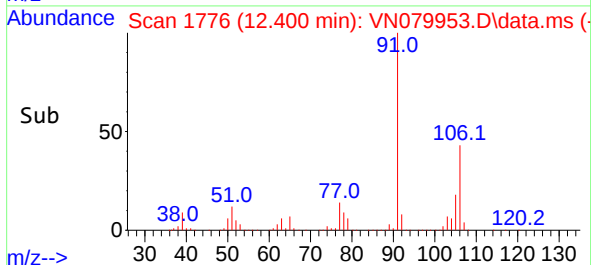
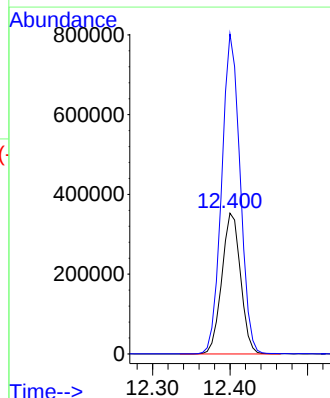
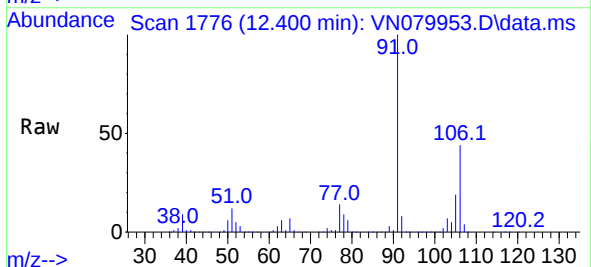
Instrument :  
MSVOA\_N  
ClientSampleId :

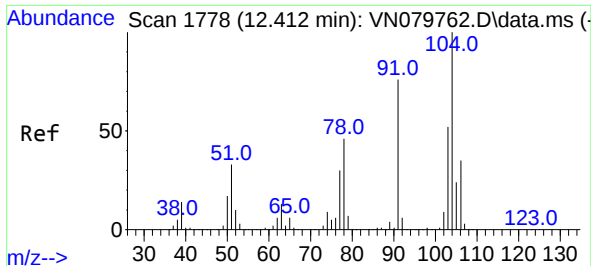
Tgt Ion:106 Resp: 802072  
Ion Ratio Lower Upper  
106 100  
91 209.1 159.6 239.4



#69  
o-Xylene  
Concen: 64.815 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Tgt Ion:106 Resp: 594051  
Ion Ratio Lower Upper  
106 100  
91 223.7 105.2 315.5

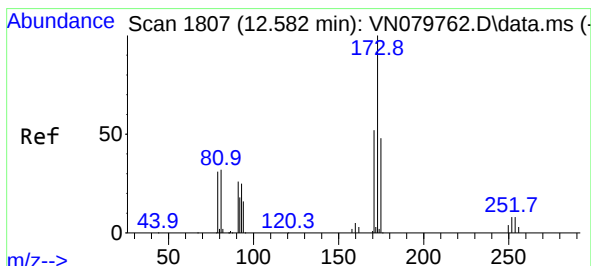
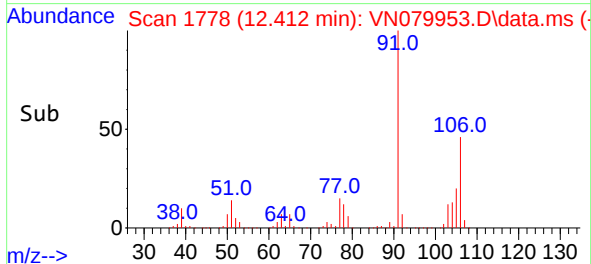
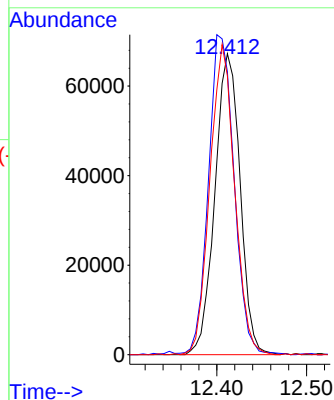
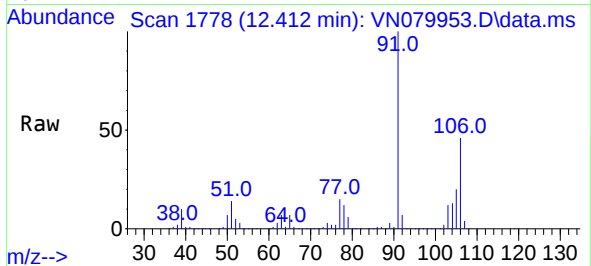




#70  
Styrene  
Concen: 8.902 ug/l  
RT: 12.412 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

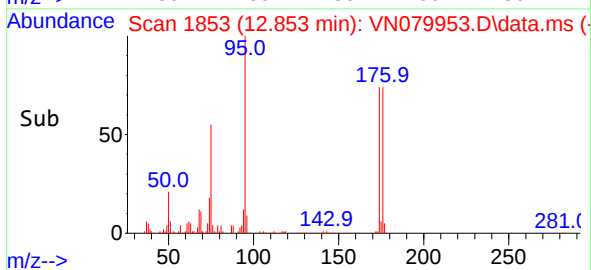
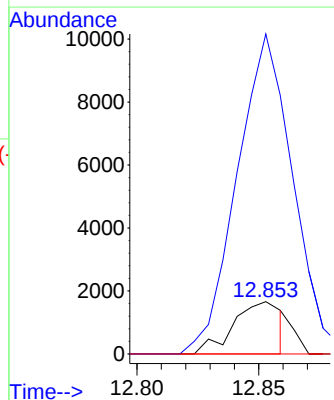
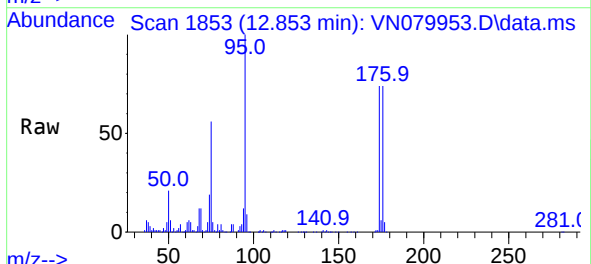
Instrument :  
MSVOA\_N  
ClientSampleId :

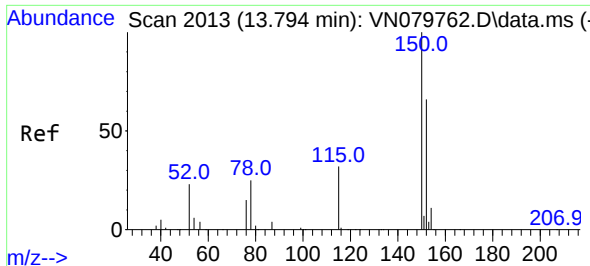
Tgt Ion:104 Resp: 131123  
Ion Ratio Lower Upper  
104 100  
78 108.1 39.5 59.3#  
103 101.2 43.2 64.8#



#71  
Bromoform  
Concen: 0.611 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.271 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

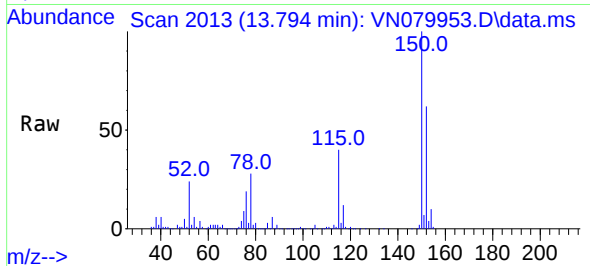
Tgt Ion:173 Resp: 2293  
Ion Ratio Lower Upper  
173 100  
175 565.1 24.3 73.0#  
254 0.0 0.0 0.0



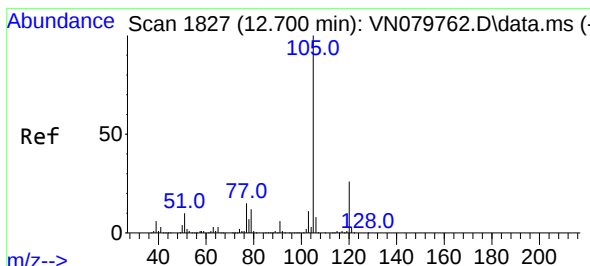
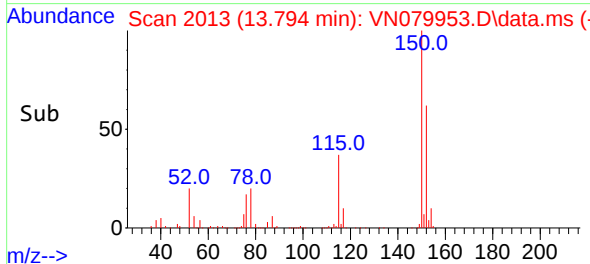
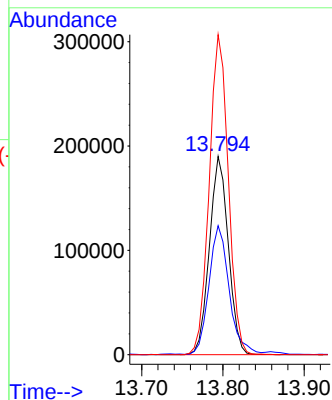


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Instrument :  
MSVOA\_N  
ClientSampleId :

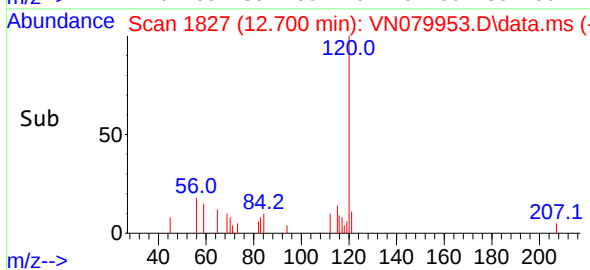
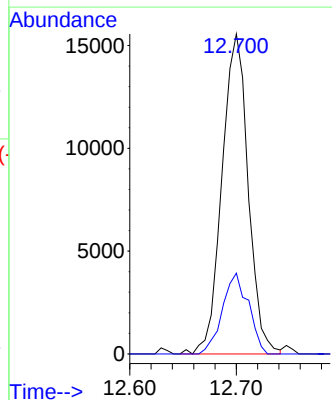
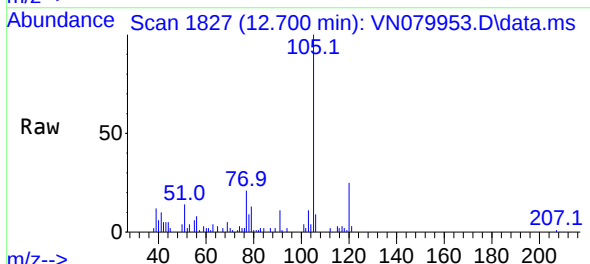


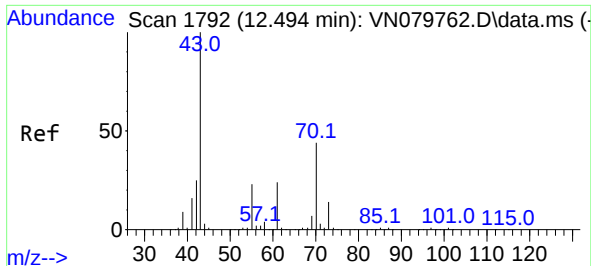
Tgt Ion:152 Resp: 307169  
Ion Ratio Lower Upper  
152 100  
115 69.1 32.3 96.8  
150 162.7 0.0 355.8



#73  
Isopropylbenzene  
Concen: 1.139 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

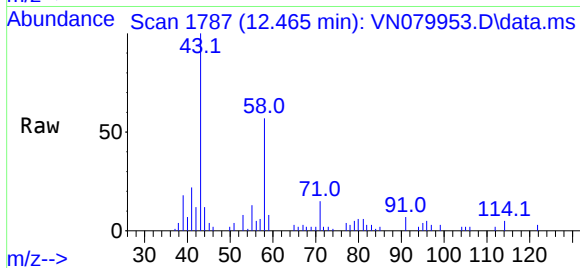
Tgt Ion:105 Resp: 26560  
Ion Ratio Lower Upper  
105 100  
120 25.0 13.1 39.1



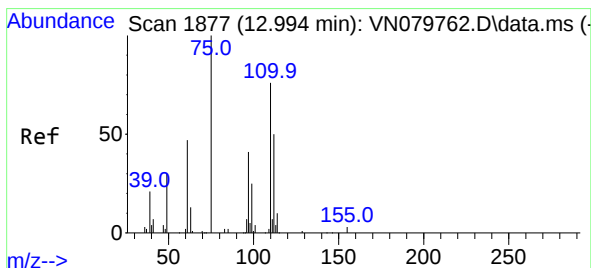
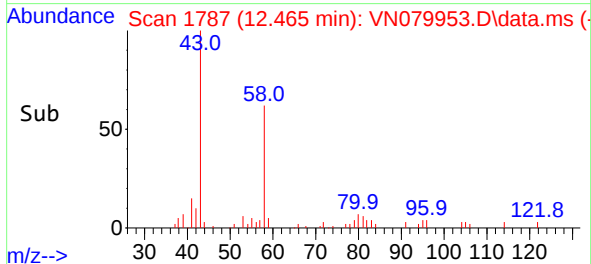
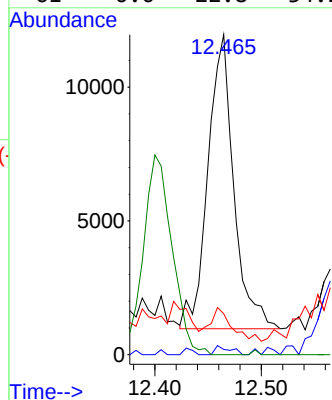


#74  
N-amy1 acetate  
Concen: 1.831 ug/l  
RT: 12.465 min Scan# 1853  
Delta R.T. -0.029 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Instrument :  
MSVOA\_N  
ClientSampleId :

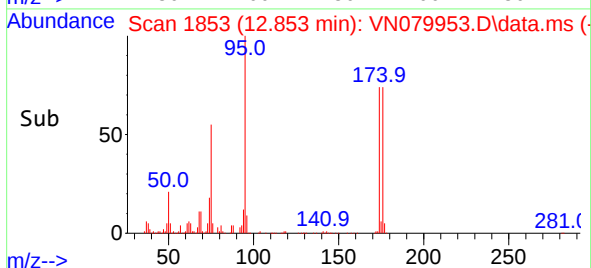
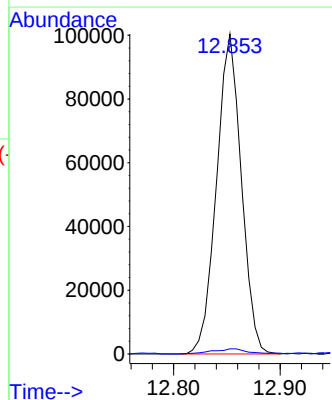
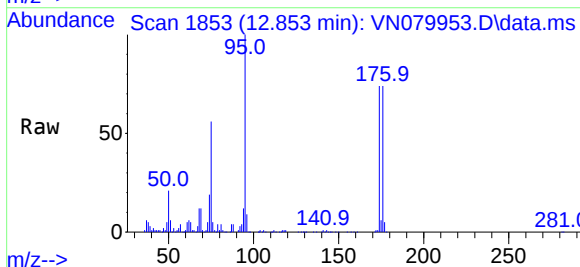


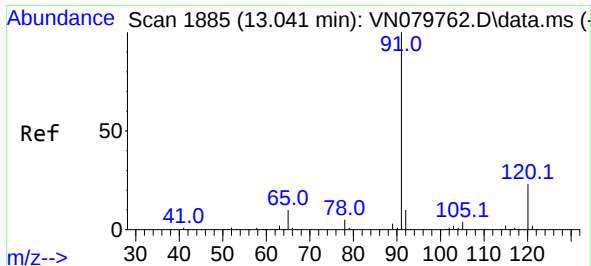
Tgt Ion: 43 Resp: 18633  
Ion Ratio Lower Upper  
43 100  
70 1.7 43.4 65.2#  
55 0.0 21.4 32.0#  
61 0.0 22.8 34.2#



#76  
1,2,3-Trichloropropane  
Concen: 22.482 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.141 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Tgt Ion: 75 Resp: 162125  
Ion Ratio Lower Upper  
75 100  
77 2.4 84.5 253.5#

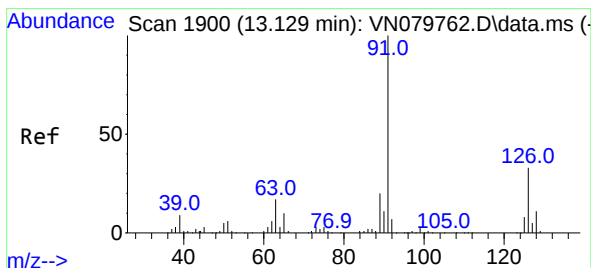
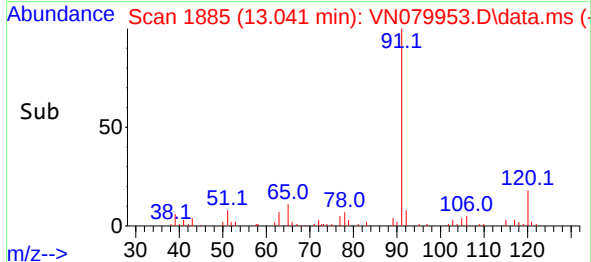
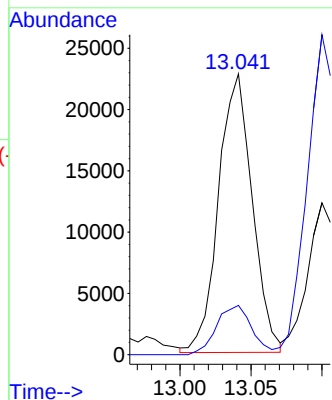
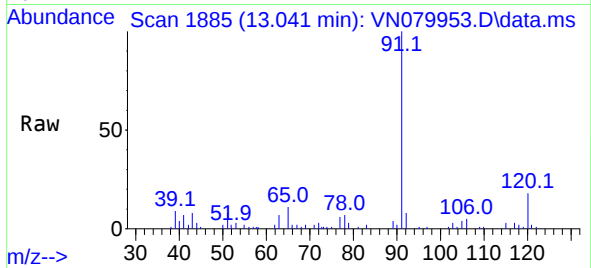




#78  
n-propylbenzene  
Concen: 1.405 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

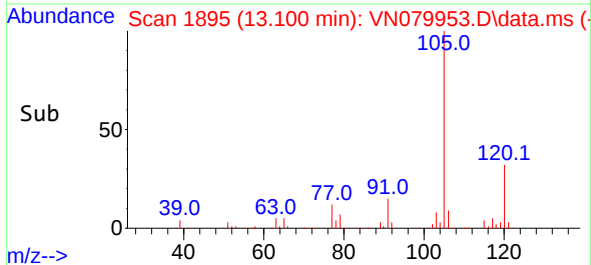
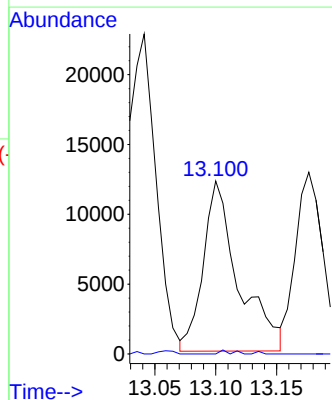
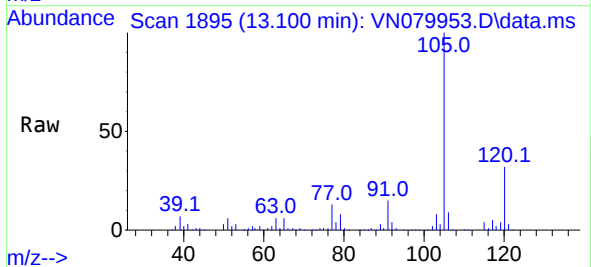
Instrument :  
MSVOA\_N  
ClientSampleId :

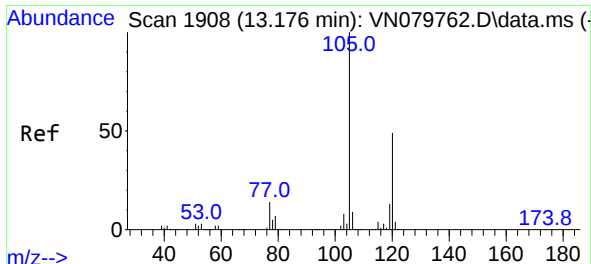
Tgt Ion: 91 Resp: 37503  
Ion Ratio Lower Upper  
91 100  
120 18.5 11.5 34.4



#79  
2-Chlorotoluene  
Concen: 1.439 ug/l  
RT: 13.100 min Scan# 1895  
Delta R.T. -0.029 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Tgt Ion: 91 Resp: 24543  
Ion Ratio Lower Upper  
91 100  
126 0.7 16.3 48.8#

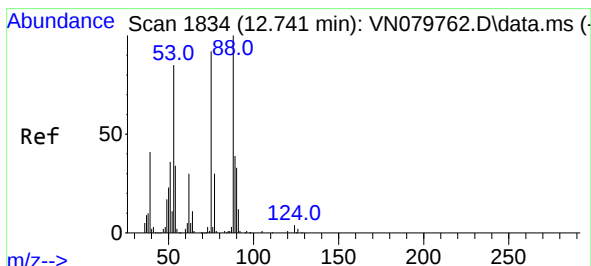
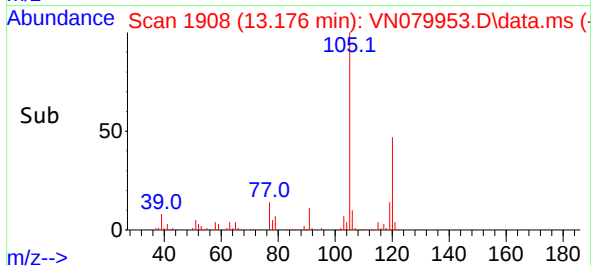
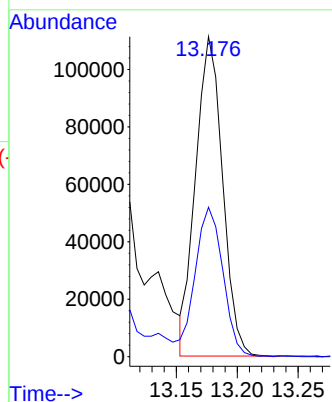
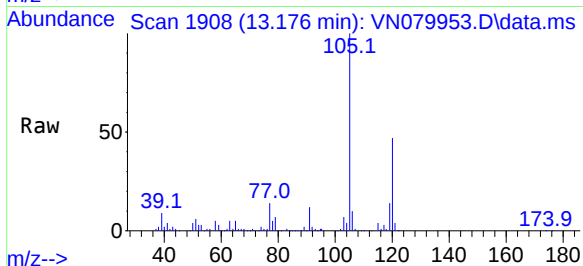




#80  
1,3,5-Trimethylbenzene  
Concen: 9.427 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

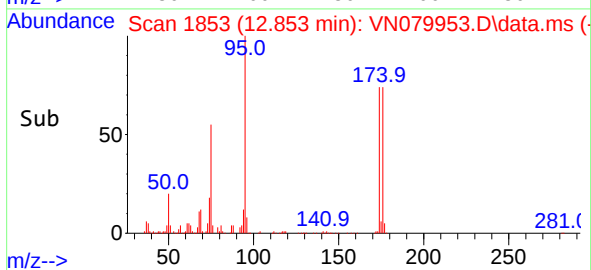
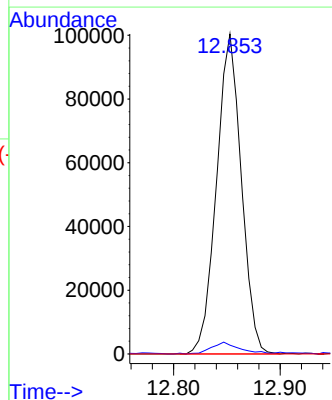
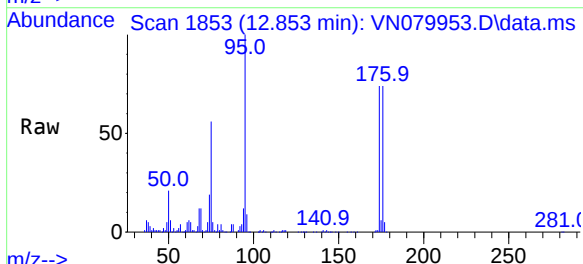
Instrument :  
MSVOA\_N  
ClientSampleId :

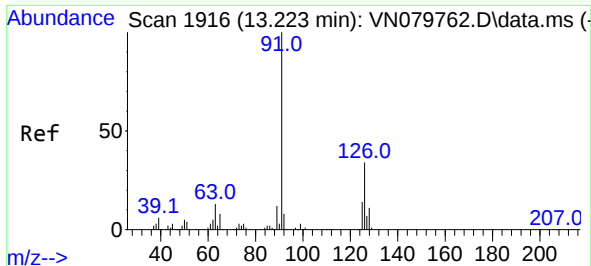
Tgt Ion:105 Resp: 170985  
Ion Ratio Lower Upper  
105 100  
120 49.0 24.1 72.3



#81  
trans-1,4-Dichloro-2-butene  
Concen: 61.167 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.118 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Tgt Ion: 75 Resp: 162125  
Ion Ratio Lower Upper  
75 100  
53 4.2 67.4 101.2#  
89 0.0 38.8 58.2#





#82

4-Chlorotoluene

Concen: 1.191 ug/l

RT: 13.176 min Scan# 1916

Delta R.T. -0.047 min

Lab File: VN079953.D

Acq: 07 Nov 2023 08:05

Instrument :

MSVOA\_N

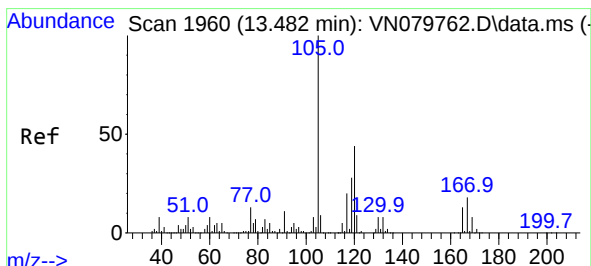
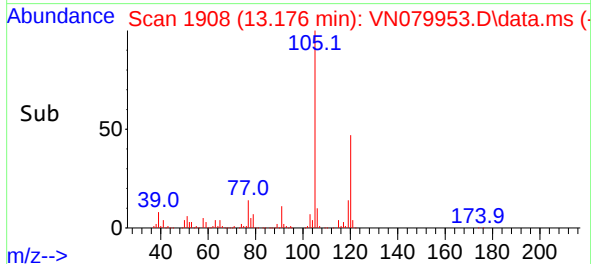
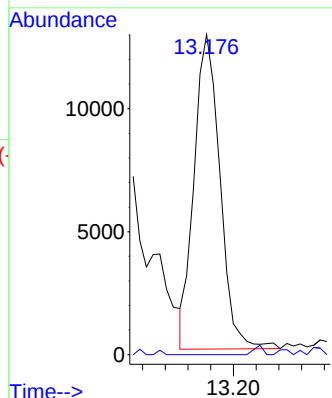
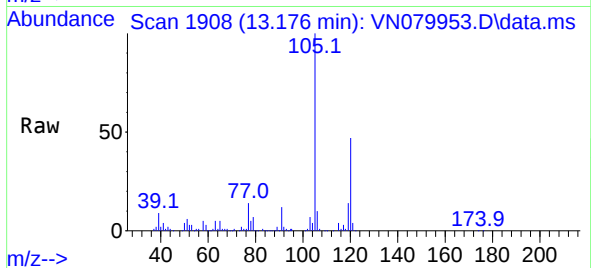
ClientSampleId :

Tgt Ion: 91 Resp: 20185

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.0#



#84

1,2,4-Trimethylbenzene

Concen: 32.518 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN079953.D

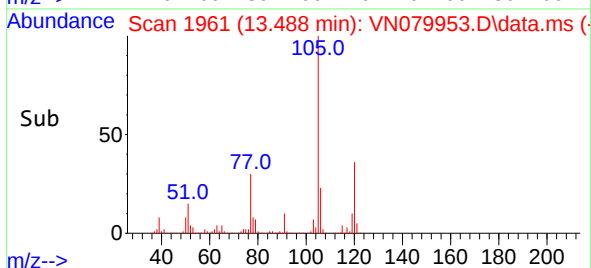
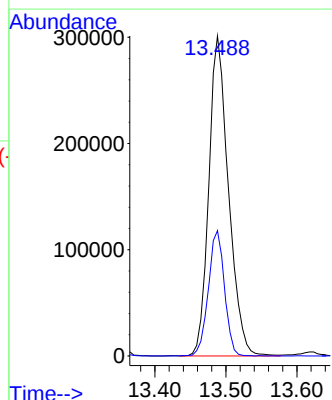
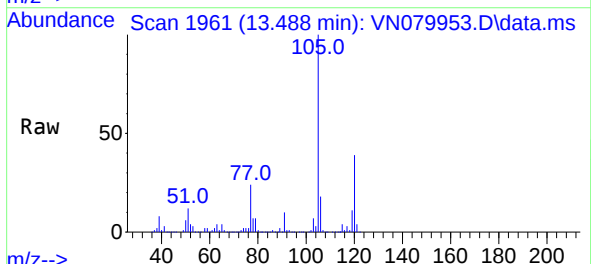
Acq: 07 Nov 2023 08:05

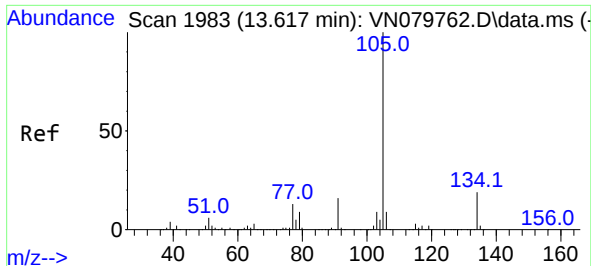
Tgt Ion:105 Resp: 580277

Ion Ratio Lower Upper

105 100

120 32.1 22.0 66.0

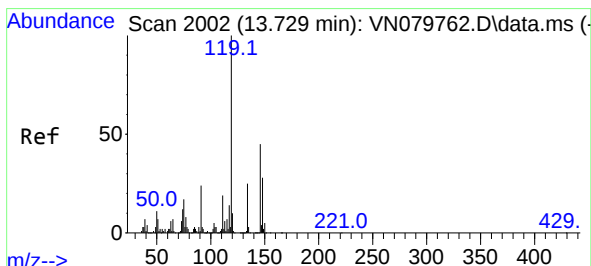
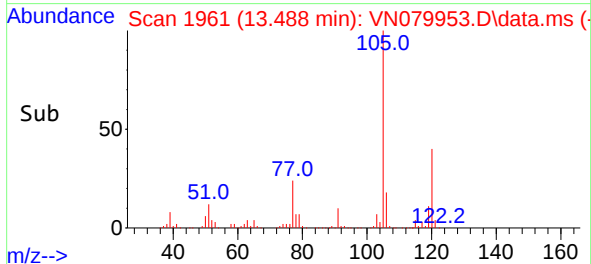
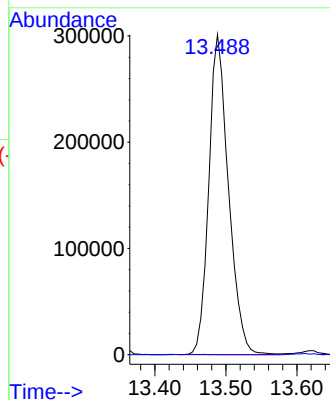
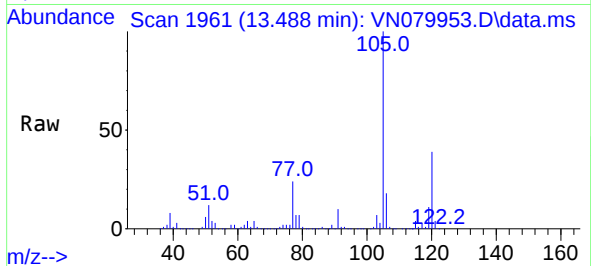




#85  
 sec-Butylbenzene  
 Concen: 28.211 ug/l  
 RT: 13.488 min Scan# 1993  
 Delta R.T. -0.129 min  
 Lab File: VN079953.D  
 Acq: 07 Nov 2023 08:05

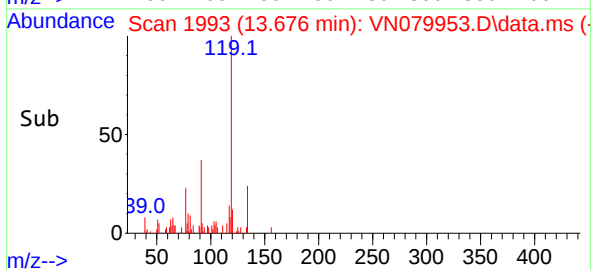
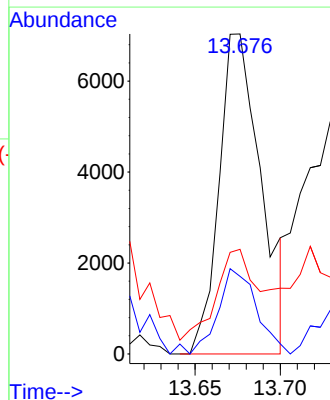
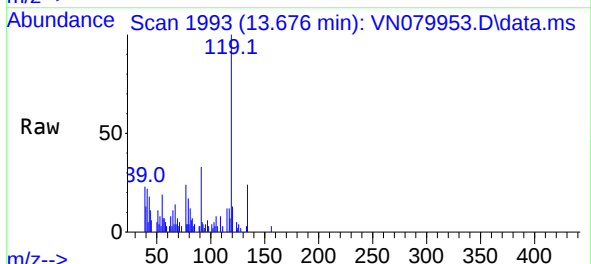
Instrument :  
 MSVOA\_N  
 ClientSampleId :

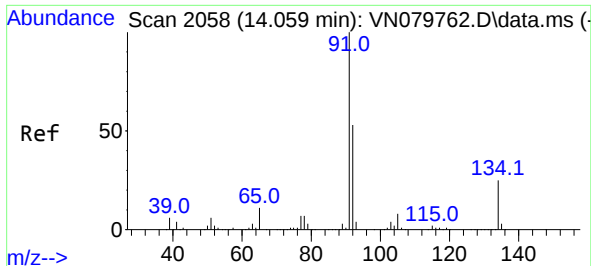
Tgt Ion:105 Resp: 580277  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 9.8 29.3#



#86  
 p-Isopropyltoluene  
 Concen: 0.721 ug/l  
 RT: 13.676 min Scan# 1993  
 Delta R.T. -0.053 min  
 Lab File: VN079953.D  
 Acq: 07 Nov 2023 08:05

Tgt Ion:119 Resp: 12097  
 Ion Ratio Lower Upper  
 119 100  
 134 24.1 12.6 37.8  
 91 28.6 12.4 37.2

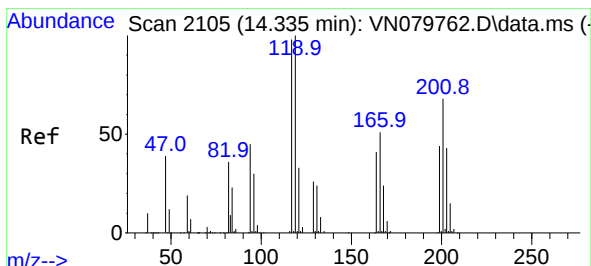
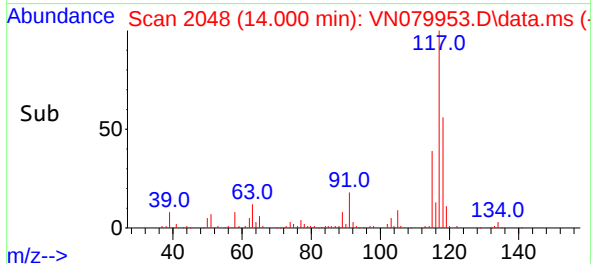
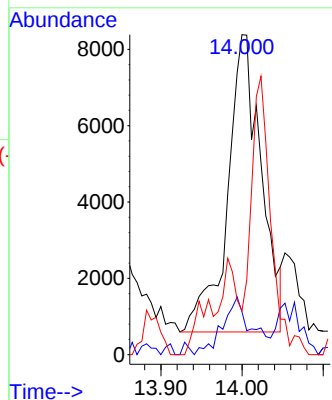
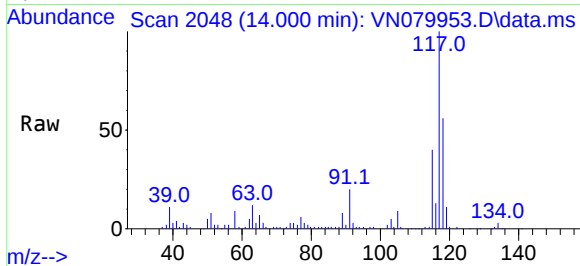




#89  
n-Butylbenzene  
Concen: 1.555 ug/l  
RT: 14.000 min Scan# 2058  
Delta R.T. -0.059 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

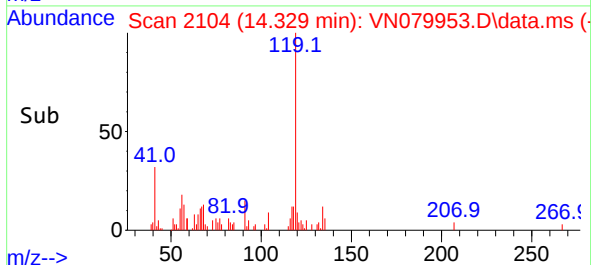
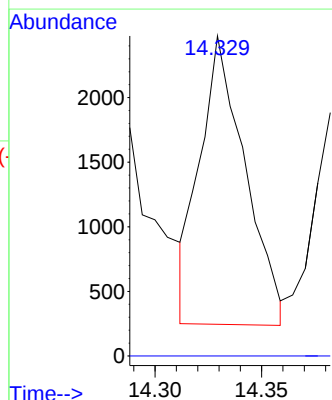
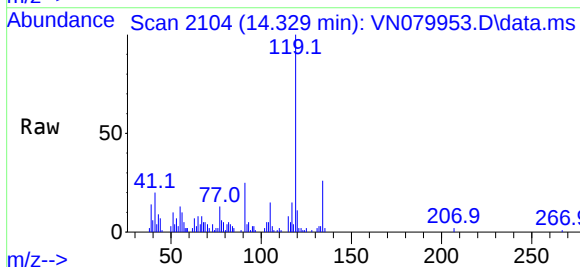
Instrument :  
MSVOA\_N  
ClientSampleId :

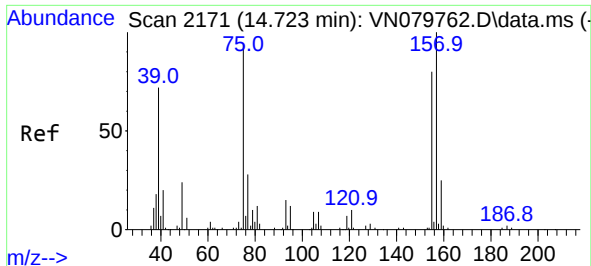
Tgt Ion: 91 Resp: 22465  
Ion Ratio Lower Upper  
91 100  
92 16.8 26.4 79.0#  
134 14.4 12.6 37.6



#90  
Hexachloroethane  
Concen: 0.987 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.006 min  
Lab File: VN079953.D  
Acq: 07 Nov 2023 08:05

Tgt Ion: 117 Resp: 3279  
Ion Ratio Lower Upper  
117 100  
201 0.0 29.3 88.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.859 ug/l

RT: 14.706 min Scan# 2171

Delta R.T. -0.017 min

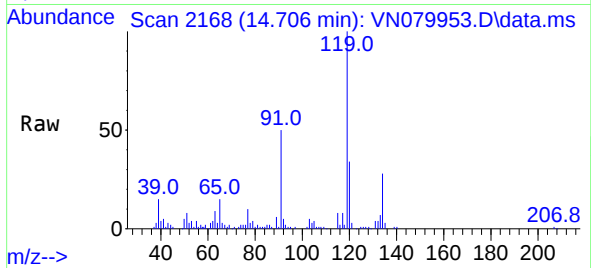
Lab File: VN079953.D

Acq: 07 Nov 2023 08:05

Instrument :

MSVOA\_N

ClientSampleId :



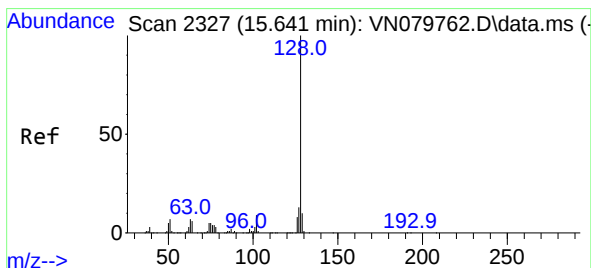
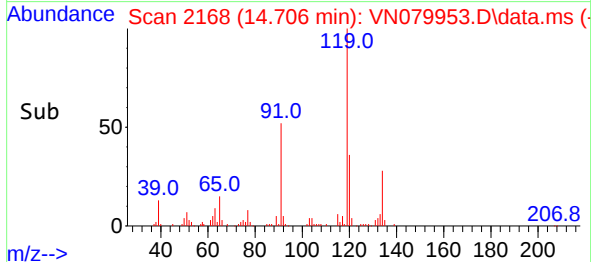
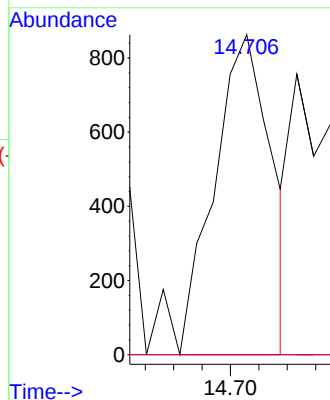
Tgt Ion: 75 Resp: 1204

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#



#95

Naphthalene

Concen: 672.020 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN079953.D

Acq: 07 Nov 2023 08:05

Tgt Ion:128 Resp:10861220

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 11.1 8.7 13.1

