

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052125\  
 Data File : VN086743.D  
 Acq On : 21 May 2025 19:54  
 Operator : JC\MD  
 Sample : Q2078-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-A4-04-G

Quant Time: May 22 01:30:36 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051625W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat May 17 00:46:13 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 250680   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 459239   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 442626   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 207602   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 152635   | 44.064   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 88.120%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 97031    | 35.478   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 70.960%# |
| 50) Toluene-d8              | 10.565 | 98    | 584919   | 51.608   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 103.220% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 218914   | 54.702   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 109.400% |

|                            |        |     |         |         |        |     |
|----------------------------|--------|-----|---------|---------|--------|-----|
| Target Compounds           |        |     |         | Qvalue  |        |     |
| 4) Vinyl Chloride          | 2.518  | 62  | 2256    | 0.613   | ug/l   | 90  |
| 11) Tert butyl alcohol     | 5.512  | 59  | 822     | 1.303   | ug/l # | 73  |
| 16) Acetone                | 4.424  | 43  | 46027   | 35.522  | ug/l   | 93  |
| 17) Carbon Disulfide       | 4.724  | 76  | 10531   | 1.360   | ug/l   | 97  |
| 18) Methyl Acetate         | 5.024  | 43  | 1174    | 0.324   | ug/l # | 59  |
| 20) Methylene Chloride     | 5.277  | 84  | 4698    | 1.374   | ug/l   | 94  |
| 25) 2-Butanone             | 7.488  | 43  | 7370    | 3.681   | ug/l   | 94  |
| 27) cis-1,2-Dichloroethene | 7.477  | 96  | 10798   | 2.976   | ug/l   | 85  |
| 29) Tetrahydrofuran        | 7.847  | 42  | 1099    | 0.841   | ug/l   | 95  |
| 31) Cyclohexane            | 8.224  | 56  | 5280    | 1.016   | ug/l # | 1   |
| 36) 1,1-Dichloropropene    | 8.218  | 75  | 18540   | 4.596   | ug/l # | 49  |
| 37) Ethyl Acetate          | 7.488  | 43  | 7370    | 1.809   | ug/l # | 1   |
| 38) Carbon Tetrachloride   | 8.224  | 117 | 24196   | 6.087   | ug/l # | 15  |
| 39) Methylcyclohexane      | 9.600  | 83  | 4077    | 0.934   | ug/l   | 96  |
| 40) Benzene                | 8.606  | 78  | 188557  | 14.328  | ug/l   | 100 |
| 41) Methacrylonitrile      | 7.847  | 41  | 546     | 0.248   | ug/l # | 28  |
| 42) 1,2-Dichloroethane     | 8.594  | 62  | 1370    | 0.334   | ug/l   | 97  |
| 43) Isopropyl Acetate      | 8.671  | 43  | 3022    | 0.370   | ug/l # | 54  |
| 44) Trichloroethene        | 9.347  | 130 | 2490    | 0.784   | ug/l   | 88  |
| 48) Methyl methacrylate    | 9.659  | 41  | 1178    | 0.372   | ug/l # | 30  |
| 51) 4-Methyl-2-Pentanone   | 10.441 | 43  | 3177    | 0.771   | ug/l   | 94  |
| 52) Toluene                | 10.623 | 92  | 103903  | 12.703  | ug/l   | 99  |
| 53) t-1,3-Dichloropropene  | 10.623 | 75  | 1091    | 0.237   | ug/l # | 1   |
| 55) 1,1,2-Trichloroethane  | 10.994 | 97  | 659     | 0.216   | ug/l # | 14  |
| 59) 2-Hexanone             | 11.165 | 43  | 16760   | 5.571   | ug/l # | 21  |
| 67) Ethyl Benzene          | 11.959 | 91  | 2077127 | 124.942 | ug/l   | 97  |
| 68) m/p-Xylenes            | 12.070 | 106 | 282862  | 44.921  | ug/l   | 98  |
| 69) o-Xylene               | 12.394 | 106 | 332235  | 53.071  | ug/l   | 100 |
| 70) Styrene                | 12.400 | 104 | 43019   | 4.197   | ug/l # | 1   |
| 71) Bromoform              | 12.841 | 173 | 975     | 0.438   | ug/l # | 1   |
| 73) Isopropylbenzene       | 12.694 | 105 | 261578  | 16.314  | ug/l   | 99  |
| 74) N-amyl acetate         | 12.453 | 43  | 3246    | 0.485   | ug/l # | 48  |
| 76) 1,2,3-Trichloropropane | 12.847 | 75  | 101353  | 21.587  | ug/l # | 1   |
| 78) n-propylbenzene        | 13.029 | 91  | 126940  | 6.899   | ug/l   | 98  |
| 79) 2-Chlorotoluene        | 13.123 | 91  | 38912   | 3.252   | ug/l # | 46  |
| 80) 1,3,5-Trimethylbenzene | 13.170 | 105 | 182641  | 14.218  | ug/l   | 99  |

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Sample : Q2078-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

Quant Time: May 22 01:30:36 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051625W.M  
Quant Title : SW846 8260  
QLast Update : Sat May 17 00:46:13 2025  
Response via : Initial Calibration

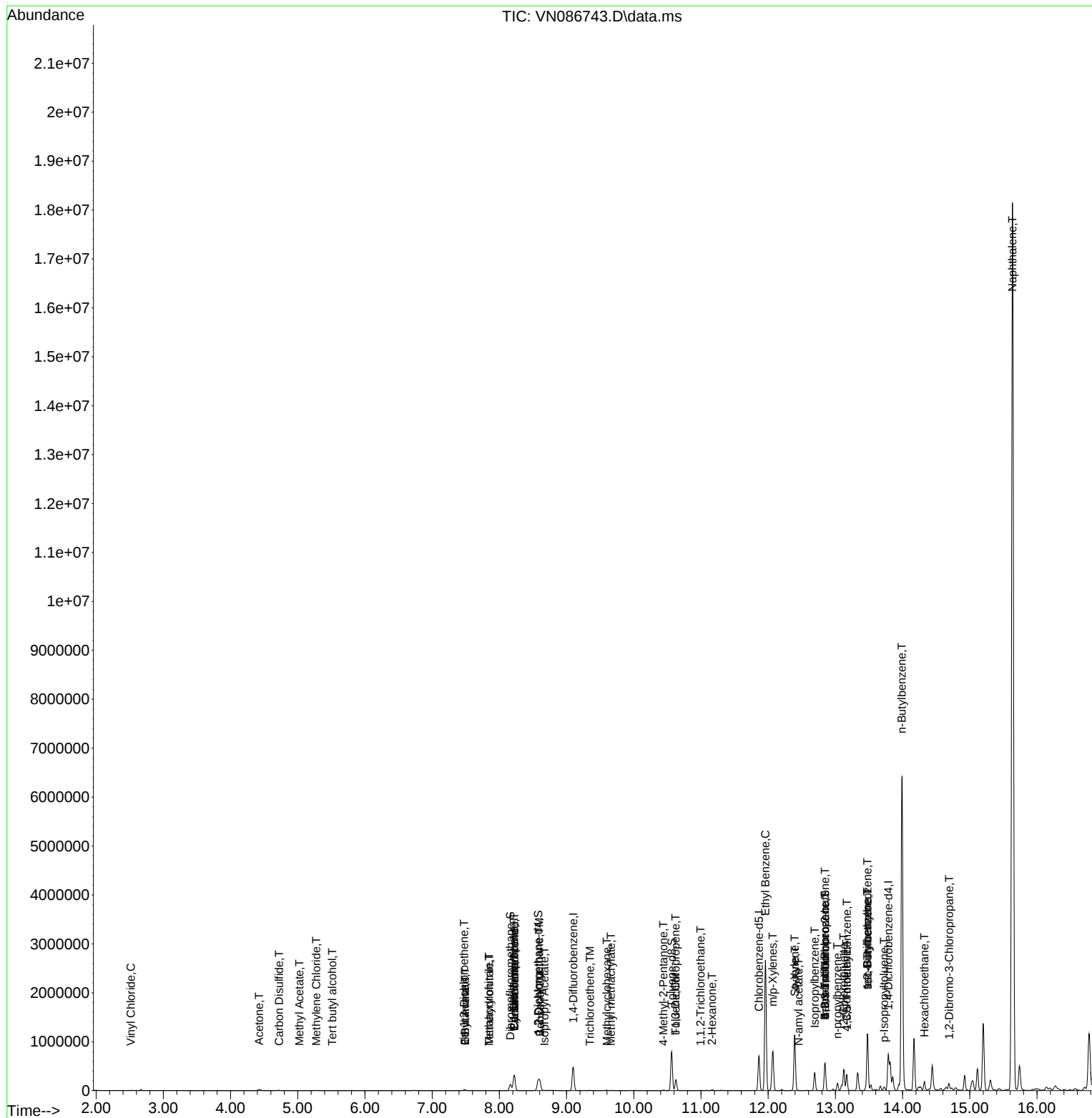
| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 81) trans-1,4-Dichloro-2-b... | 12.847 | 75   | 101353   | 54.478   | ug/l # | 15       |
| 82) 4-Chlorotoluene           | 13.164 | 91   | 17703    | 1.494    | ug/l # | 41       |
| 83) tert-Butylbenzene         | 13.476 | 119  | 86961    | 7.762    | ug/l # | 66       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 690355   | 53.966   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.476 | 105  | 690355   | 45.958   | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 29312    | 2.381    | ug/l # | 77       |
| 89) n-Butylbenzene            | 13.988 | 91   | 603498   | 59.123   | ug/l # | 42       |
| 90) Hexachloroethane          | 14.323 | 117  | 15763    | 7.716    | ug/l # | 18       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.694 | 75   | 899      | 1.102    | ug/l # | 2        |
| 95) Naphthalene               | 15.635 | 128  | 17679554 | 1815.845 | ug/l   | 97       |

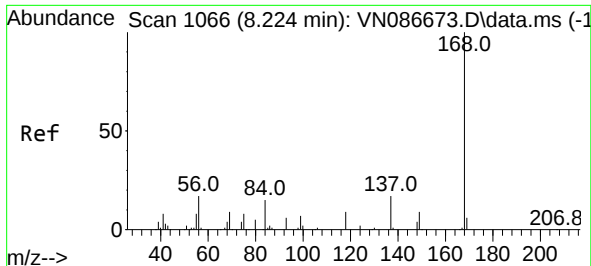
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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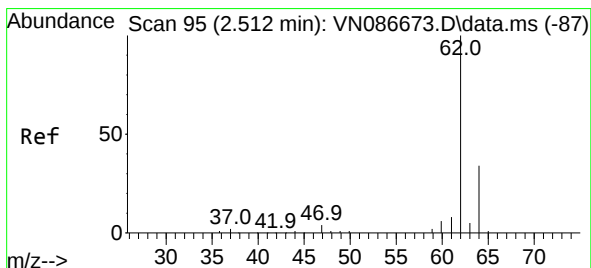
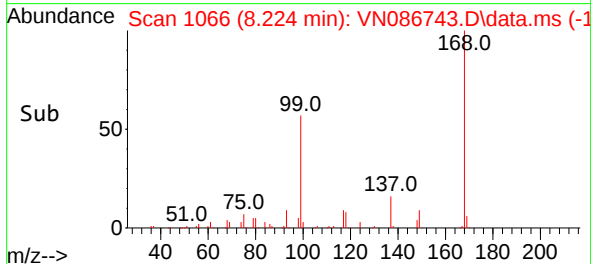
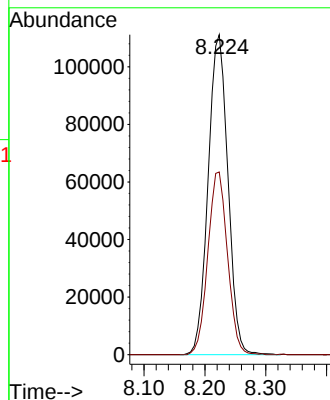
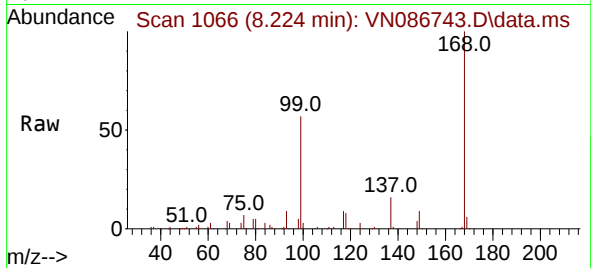




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

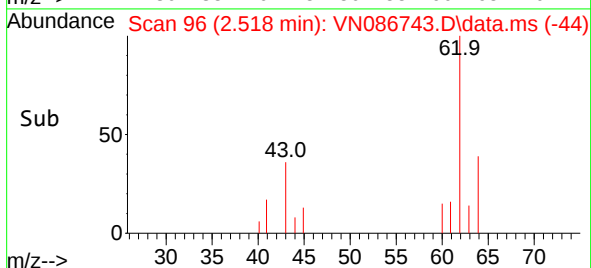
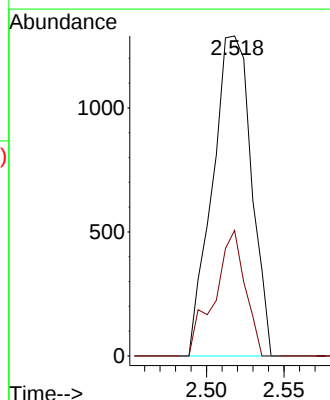
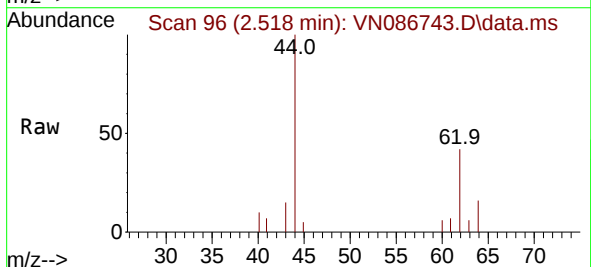
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

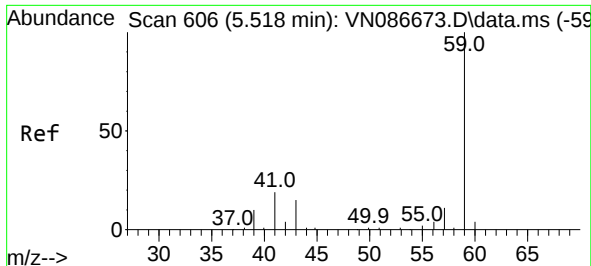
Tgt Ion:168 Resp: 250680  
Ion Ratio Lower Upper  
168 100  
99 57.1 47.0 70.4



#4  
Vinyl Chloride  
Concen: 0.613 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion: 62 Resp: 2256  
Ion Ratio Lower Upper  
62 100  
64 39.2 26.9 40.3

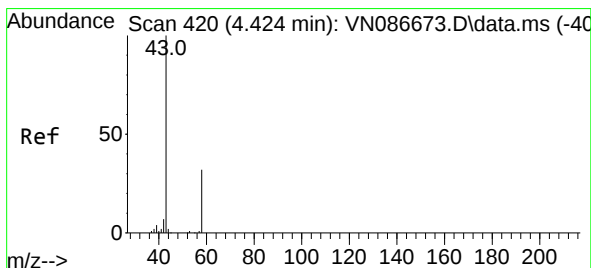
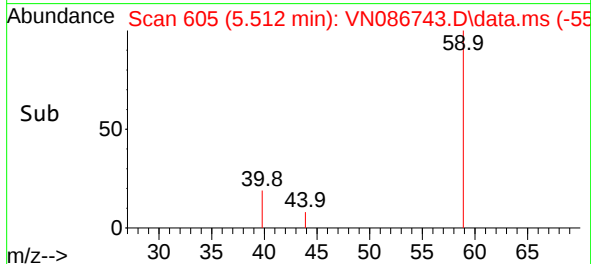
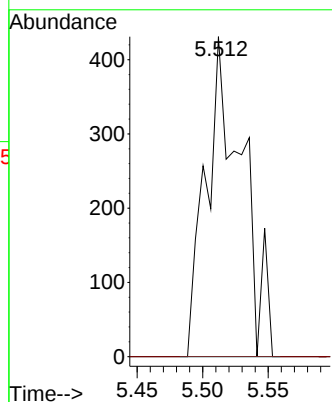
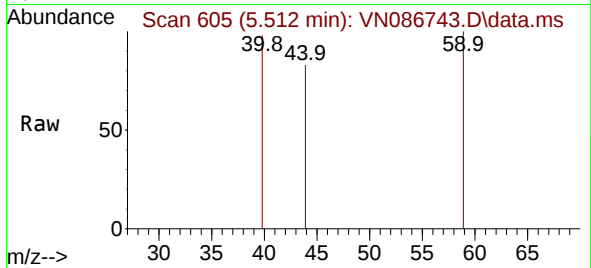




#11  
Tert butyl alcohol  
Concen: 1.303 ug/l  
RT: 5.512 min Scan# 606  
Delta R.T. -0.006 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

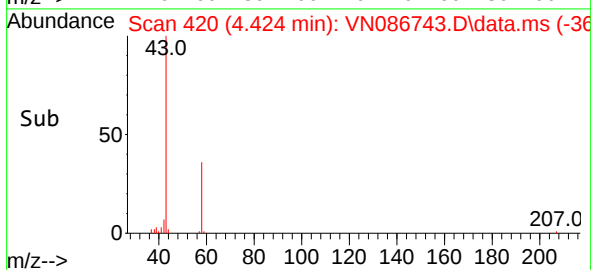
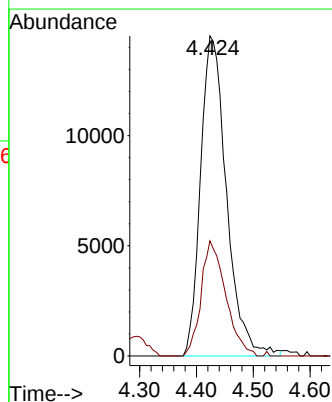
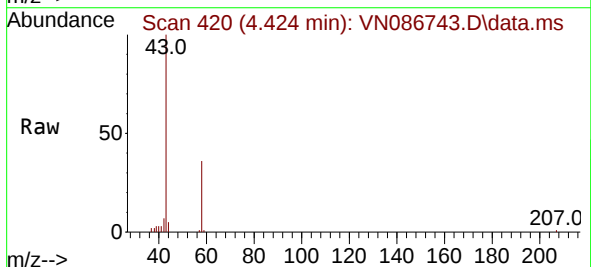
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

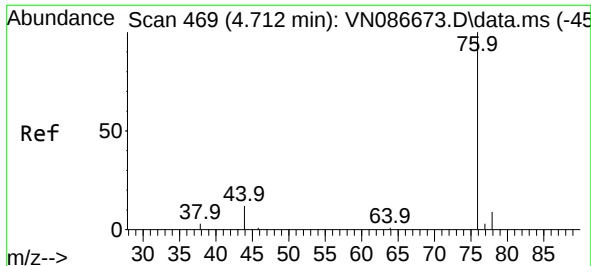
Tgt Ion: 59 Resp: 822  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.2#



#16  
Acetone  
Concen: 35.522 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion: 43 Resp: 46027  
Ion Ratio Lower Upper  
43 100  
58 35.9 25.8 38.6

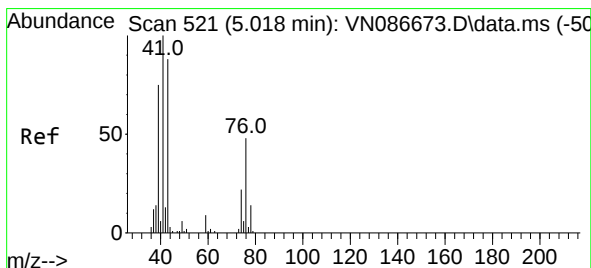
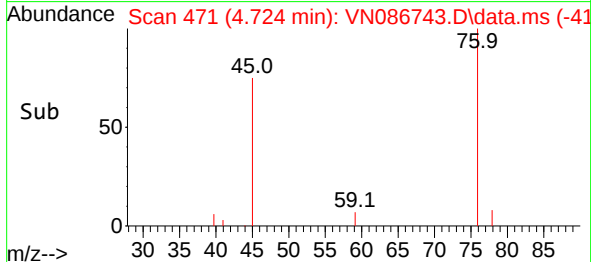
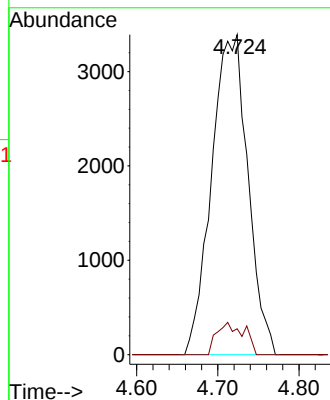
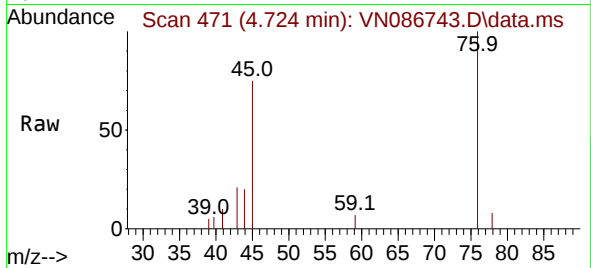




#17  
Carbon Disulfide  
Concen: 1.360 ug/l  
RT: 4.724 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

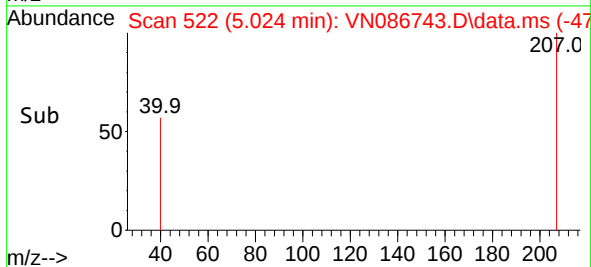
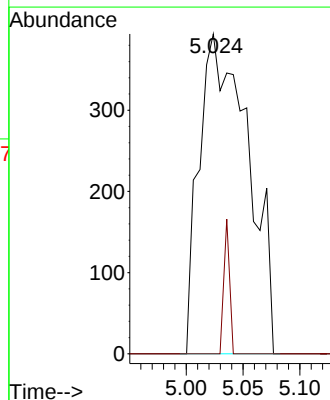
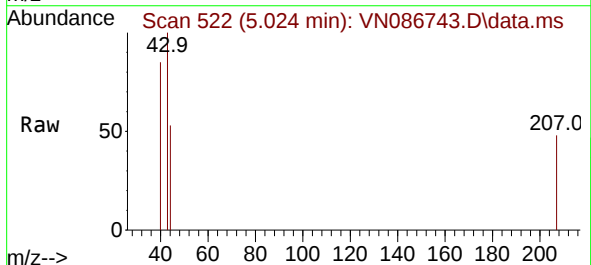
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

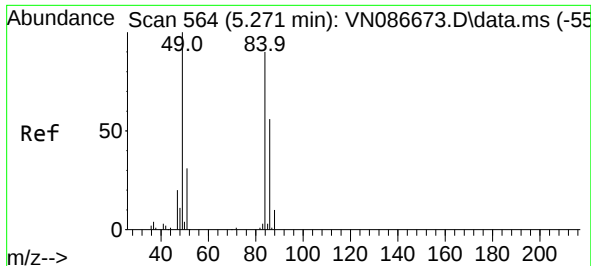
Tgt Ion: 76 Resp: 10531  
Ion Ratio Lower Upper  
76 100  
78 8.1 7.3 10.9



#18  
Methyl Acetate  
Concen: 0.324 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion: 43 Resp: 1174  
Ion Ratio Lower Upper  
43 100  
74 5.0 20.5 30.7#

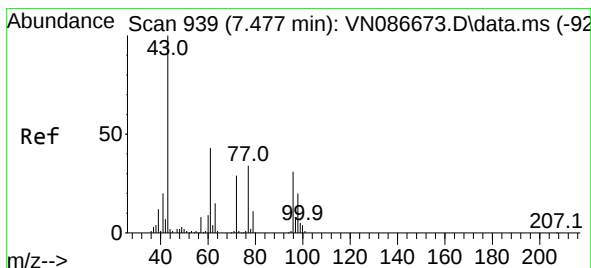
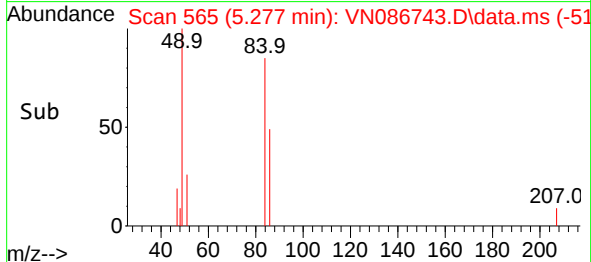
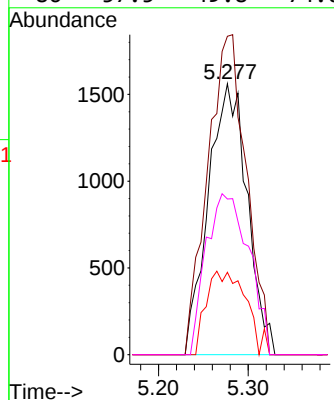
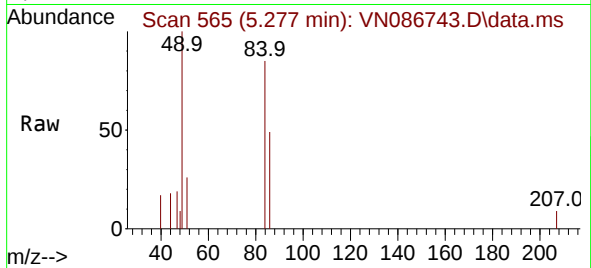




#20  
Methylene Chloride  
Concen: 1.374 ug/l  
RT: 5.277 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

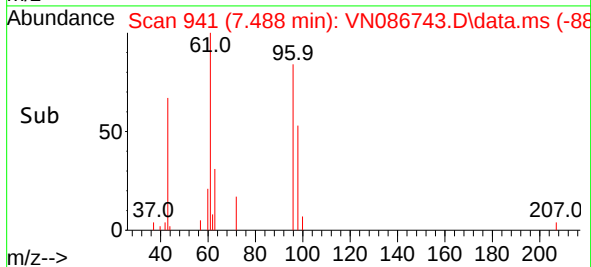
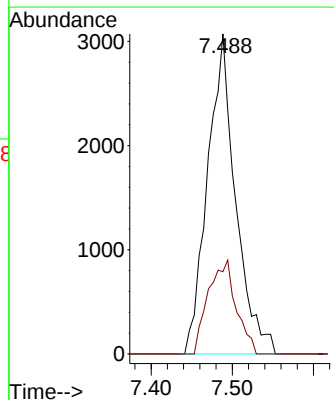
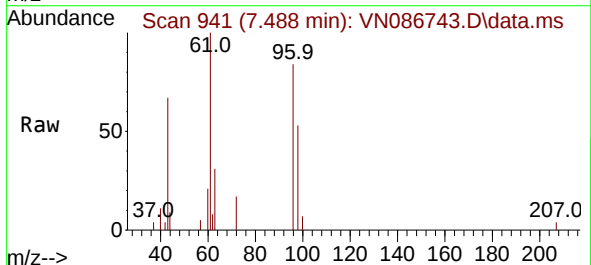
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WC-A4-04-G

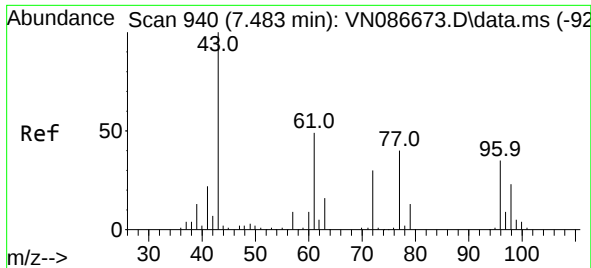
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 4698  |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 117.6    | 88.8 133.2  |
| 51 30.4     | 27.8 41.6   |
| 86 57.5     | 49.8 74.6   |



#25  
2-Butanone  
Concen: 3.681 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.012 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

|             |            |       |  |
|-------------|------------|-------|--|
| Tgt Ion: 43 | Resp: 7370 |       |  |
| Ion Ratio   | Lower      | Upper |  |
| 43 100      |            |       |  |
| 72 25.7     | 23.1       | 34.7  |  |

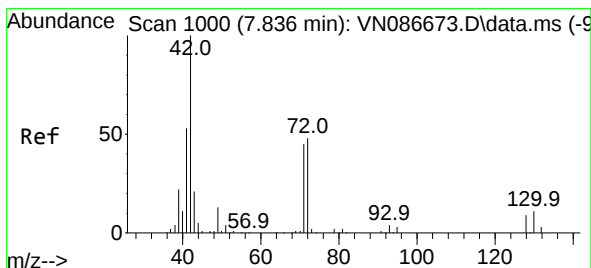
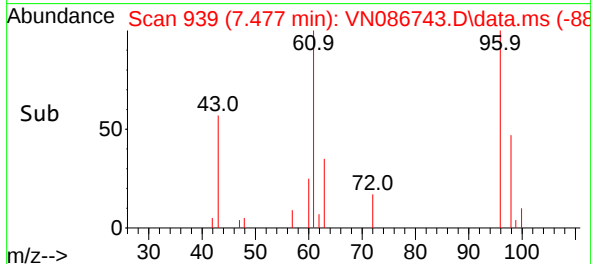
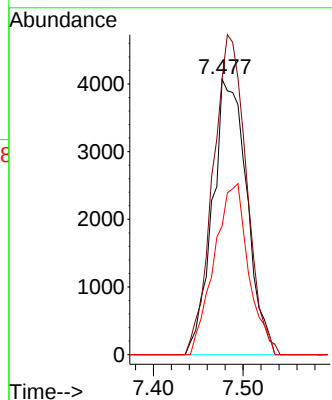
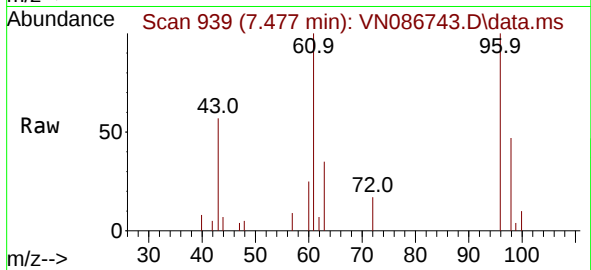




#27  
 cis-1,2-Dichloroethene  
 Concen: 2.976 ug/l  
 RT: 7.477 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: VN086743.D  
 Acq: 21 May 2025 19:54

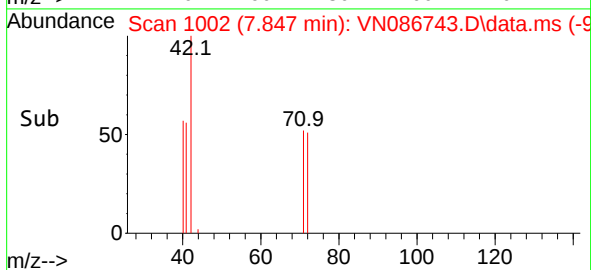
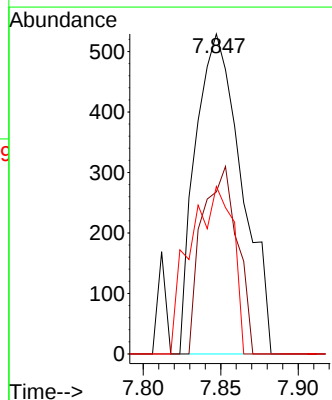
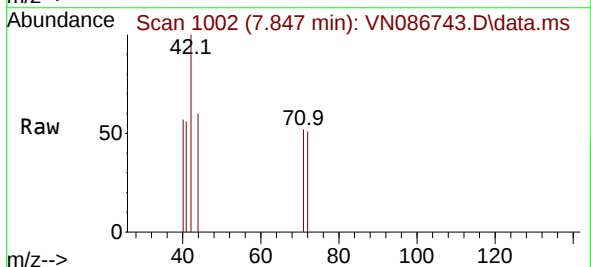
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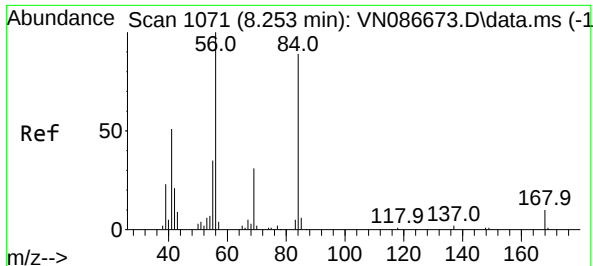
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 Ion Ratio Lower Upper  
 96 100  
 61 113.4 0.0 277.4  
 98 62.1 0.0 129.6



#29  
 Tetrahydrofuran  
 Concen: 0.841 ug/l  
 RT: 7.847 min Scan# 1002  
 Delta R.T. 0.012 min  
 Lab File: VN086743.D  
 Acq: 21 May 2025 19:54

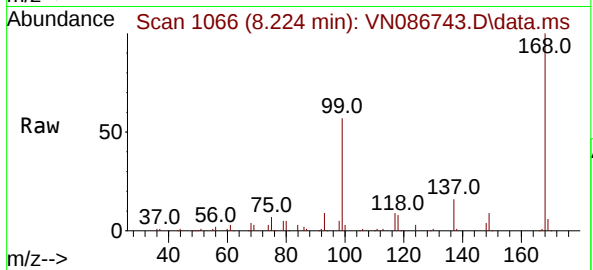
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 42 100  
 72 44.7 38.7 58.1  
 71 48.8 36.2 54.4



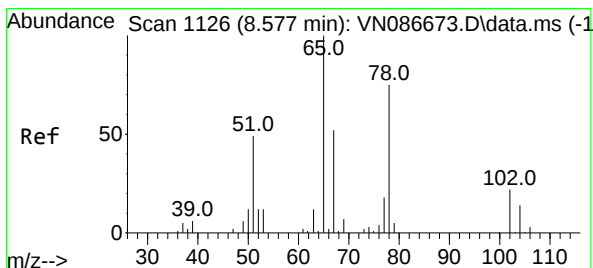
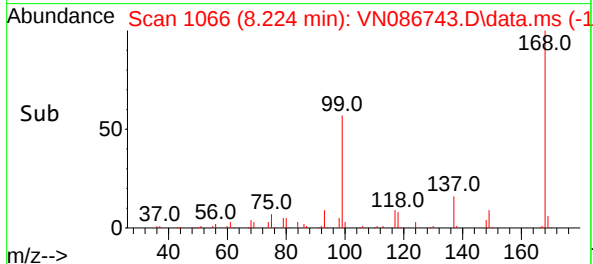
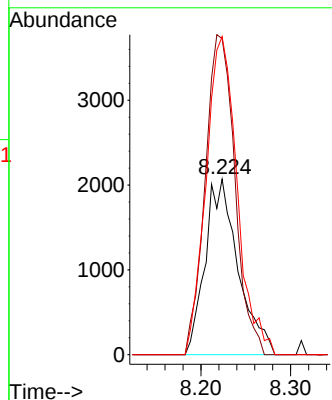


#31  
Cyclohexane  
Concen: 1.016 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.030 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

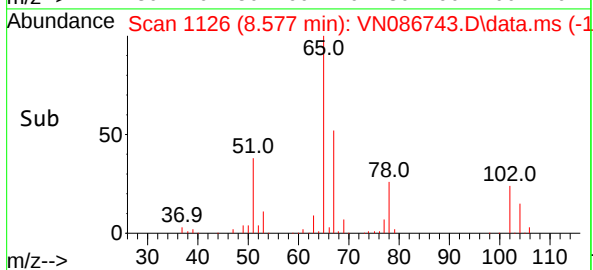
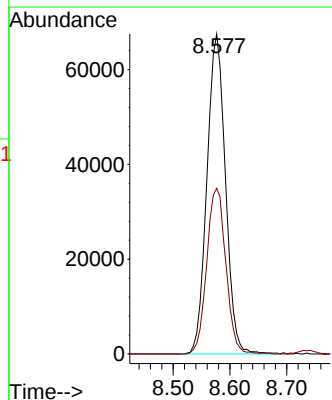
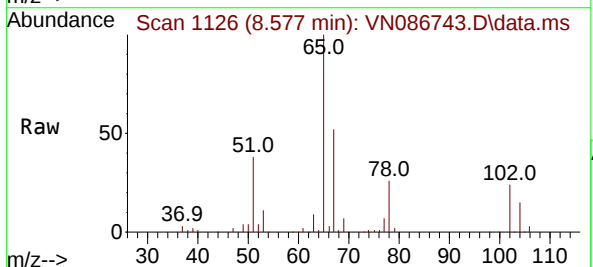


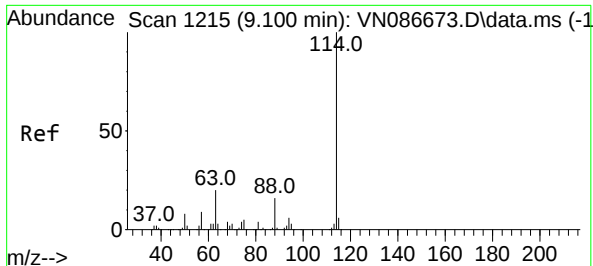
Tgt Ion: 56 Resp: 5280  
Ion Ratio Lower Upper  
56 100  
69 180.0 25.0 37.6#  
84 181.2 71.0 106.4#



#33  
1,2-Dichloroethane-d4  
Concen: 44.064 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion: 65 Resp: 152635  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 106.4

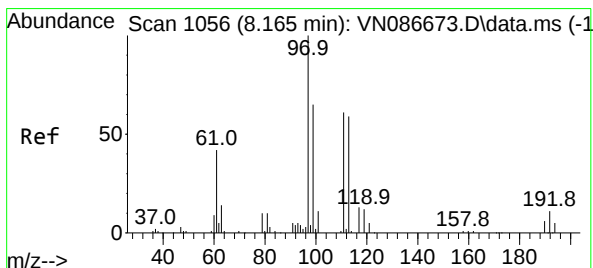
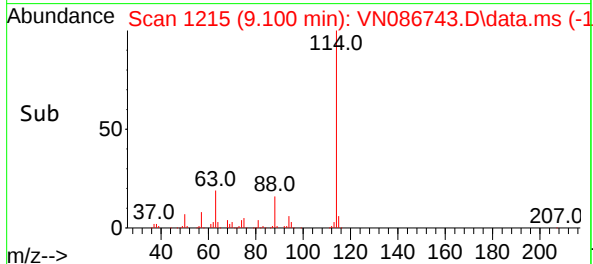
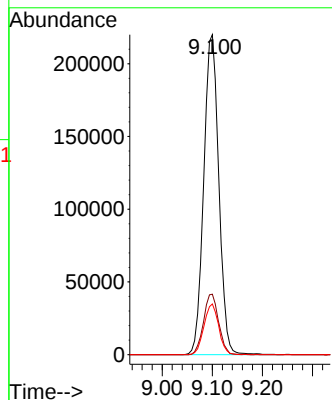
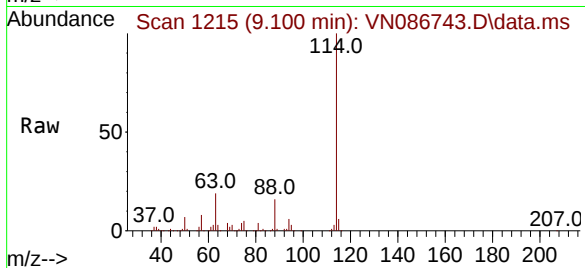




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

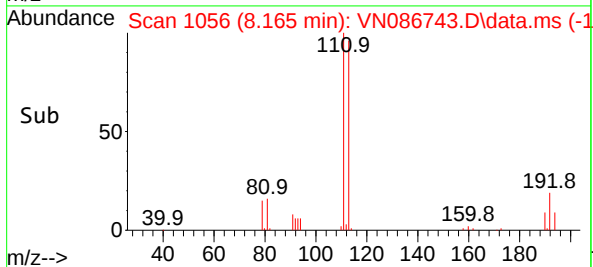
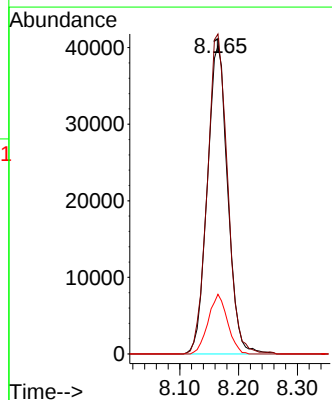
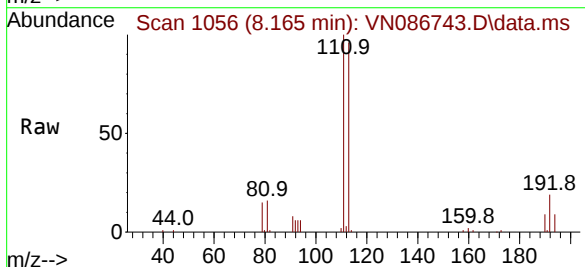
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

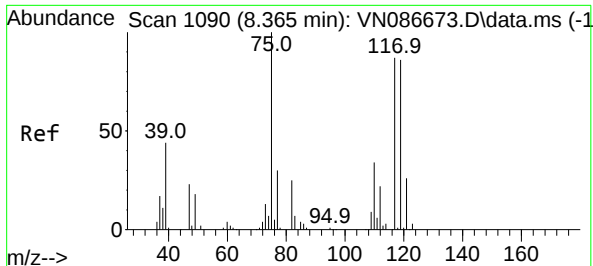
Tgt Ion:114 Resp: 459239  
Ion Ratio Lower Upper  
114 100  
63 18.9 0.0 40.2  
88 15.9 0.0 31.2



#35  
Dibromofluoromethane  
Concen: 35.478 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion:113 Resp: 97031  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.2 123.2  
192 18.3 13.8 20.8

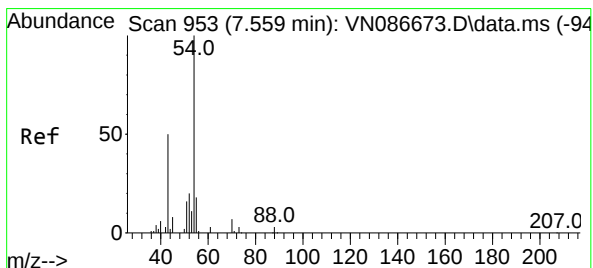
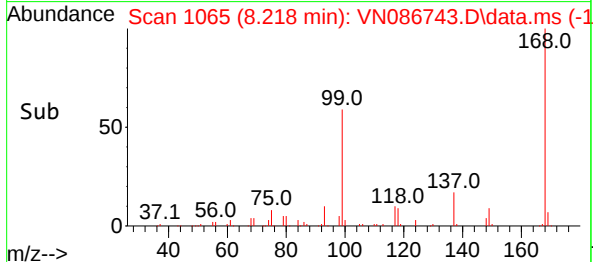
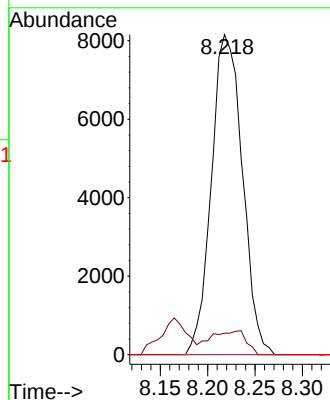
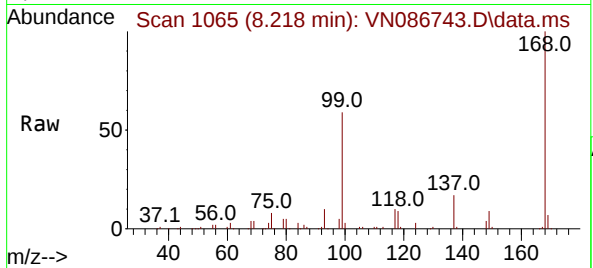




#36  
1,1-Dichloropropene  
Concen: 4.596 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.147 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

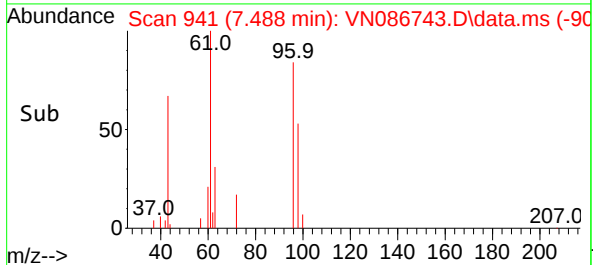
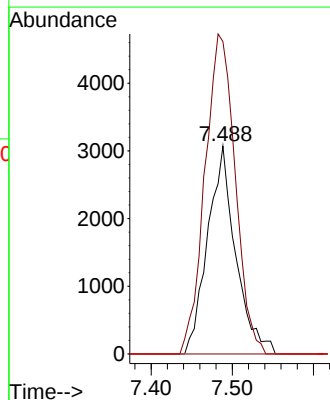
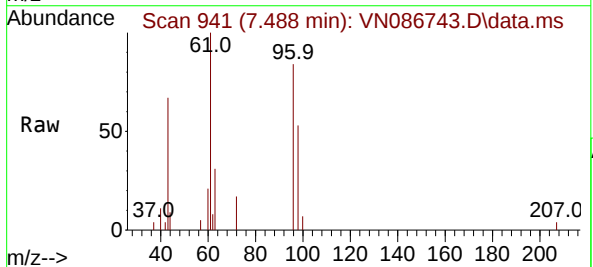
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

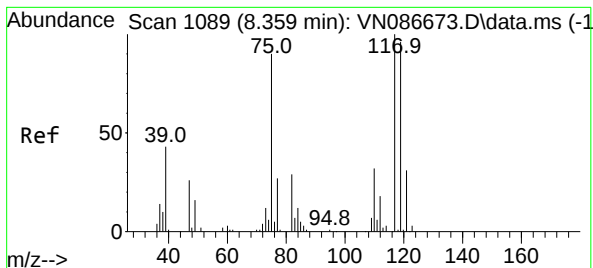
Tgt Ion: 75 Resp: 18540  
Ion Ratio Lower Upper  
75 100  
110 8.0 17.5 52.5#  
77 0.0 25.1 37.7#



#37  
Ethyl Acetate  
Concen: 1.809 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.071 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion: 43 Resp: 7370  
Ion Ratio Lower Upper  
43 100  
61 166.2 11.6 17.4#  
70 0.0 9.4 14.0#





#38

Carbon Tetrachloride

Concen: 6.087 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN086743.D

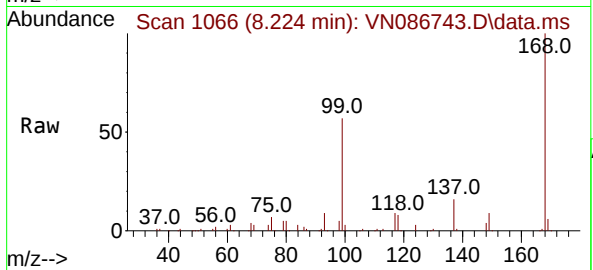
Acq: 21 May 2025 19:54

Instrument :

MSVOA\_N

ClientSampleId :

WC-A4-04-G



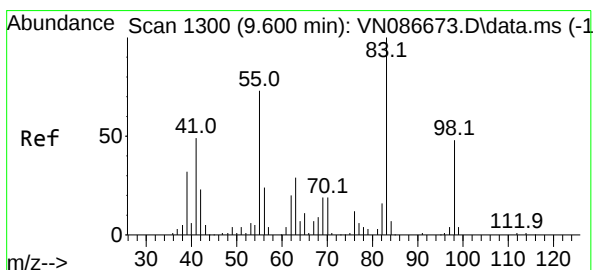
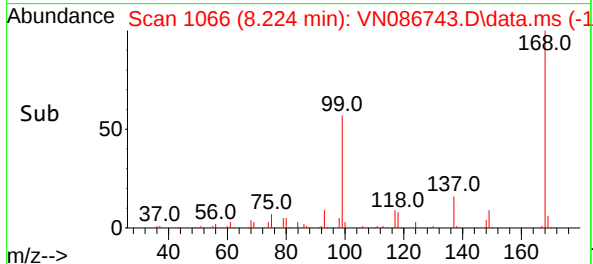
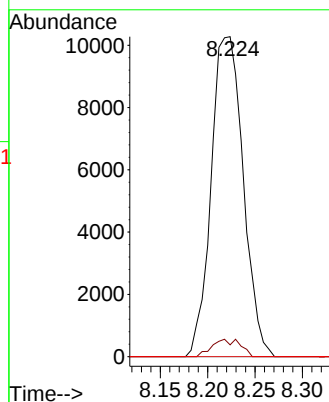
Tgt Ion:117 Resp: 24196

Ion Ratio Lower Upper

117 100

119 3.7 77.0 115.6#

121 0.0 25.0 37.6#



#39

Methylcyclohexane

Concen: 0.934 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN086743.D

Acq: 21 May 2025 19:54

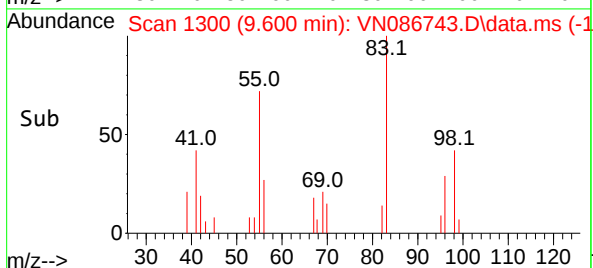
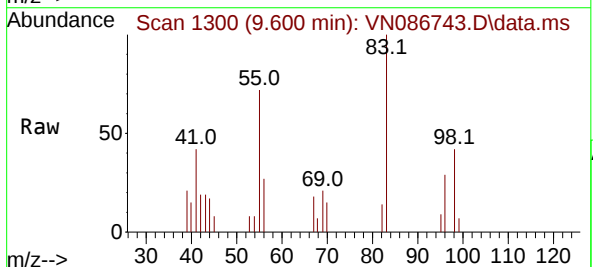
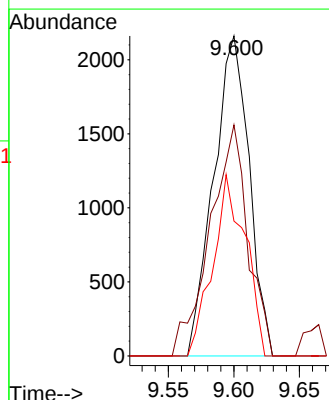
Tgt Ion: 83 Resp: 4077

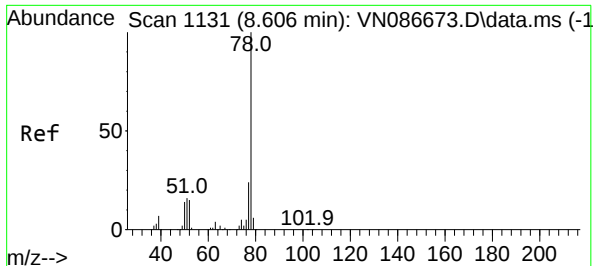
Ion Ratio Lower Upper

83 100

55 72.2 58.2 87.4

98 42.2 38.4 57.6

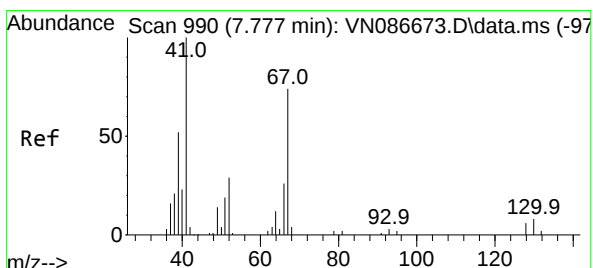
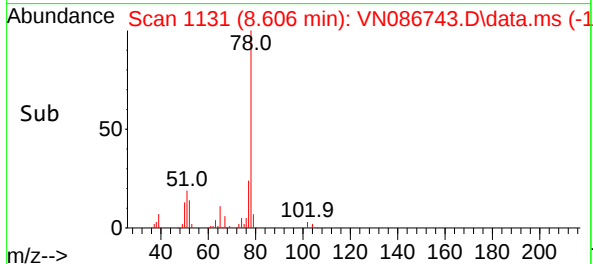
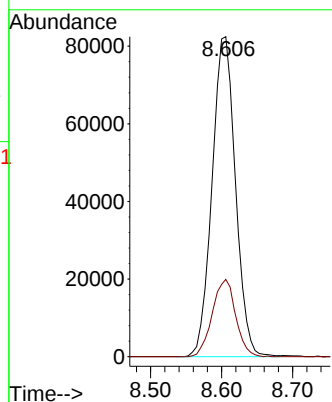
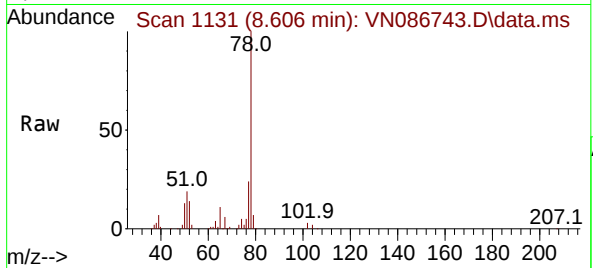




#40  
Benzene  
Concen: 14.328 ug/l  
RT: 8.606 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

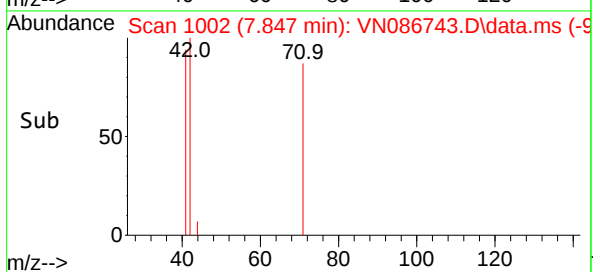
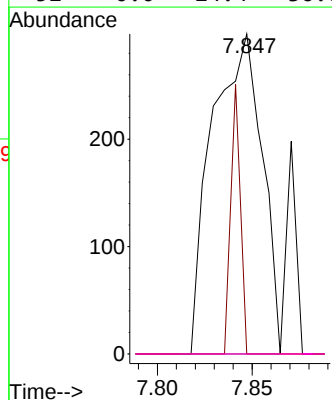
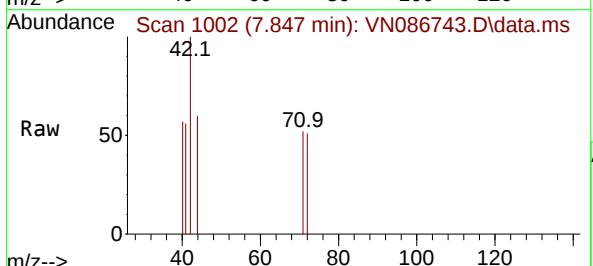
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

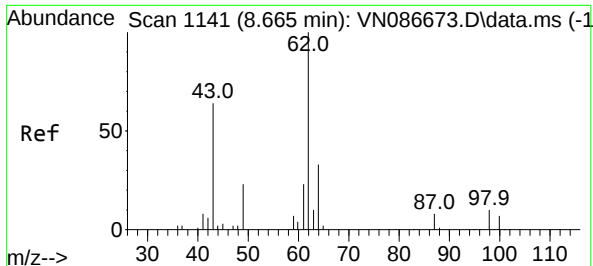
Tgt Ion: 78 Resp: 188557  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.1 28.7



#41  
Methacrylonitrile  
Concen: 0.248 ug/l  
RT: 7.847 min Scan# 1002  
Delta R.T. 0.070 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion: 41 Resp: 546  
Ion Ratio Lower Upper  
41 100  
39 16.3 44.9 67.3#  
67 0.0 63.4 95.0#  
52 0.0 24.4 36.6#

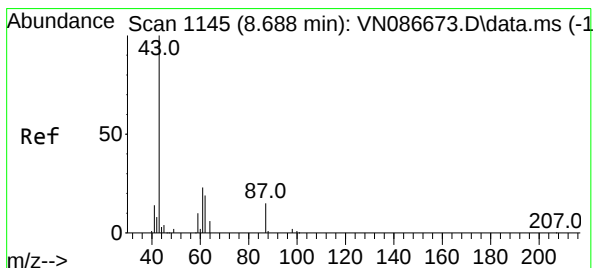
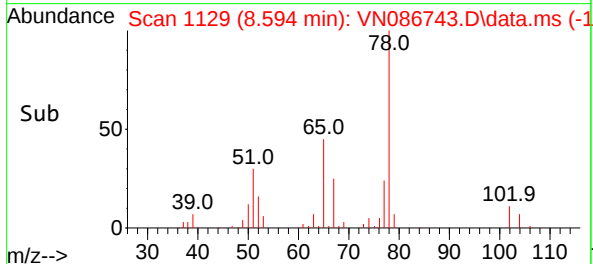
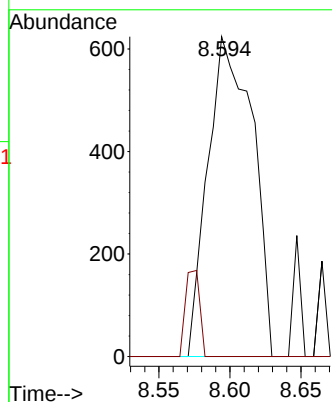
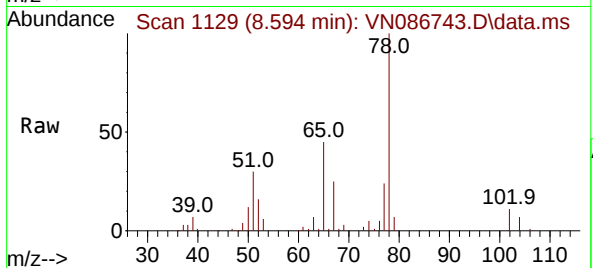




#42  
1,2-Dichloroethane  
Concen: 0.334 ug/l  
RT: 8.594 min Scan# 1129  
Delta R.T. -0.071 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

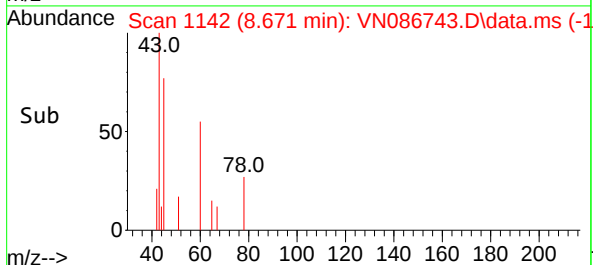
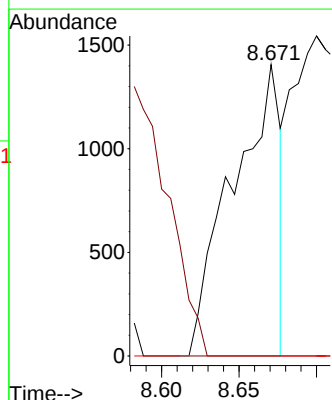
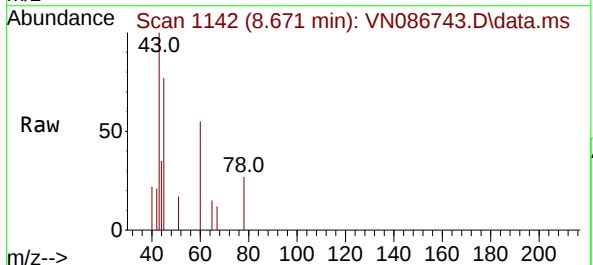
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

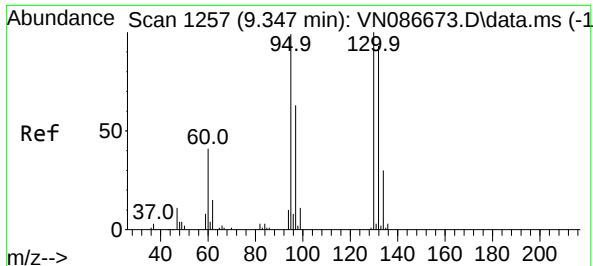
Tgt Ion: 62 Resp: 1370  
Ion Ratio Lower Upper  
62 100  
98 8.5 0.0 19.2



#43  
Isopropyl Acetate  
Concen: 0.370 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.018 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion: 43 Resp: 3022  
Ion Ratio Lower Upper  
43 100  
61 0.0 21.4 32.2#  
87 0.0 11.1 16.7#

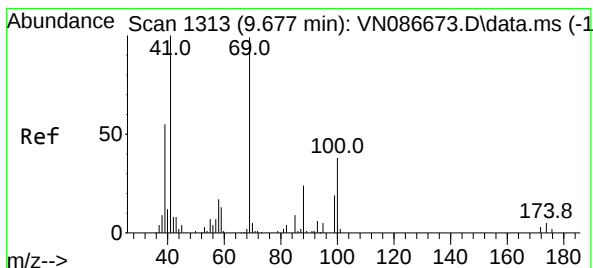
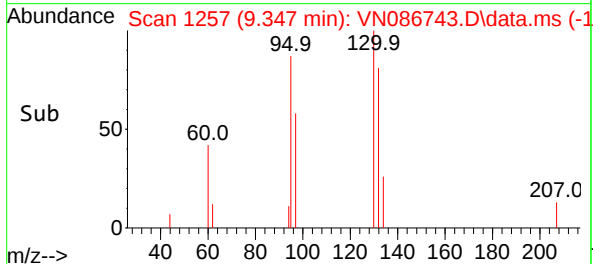
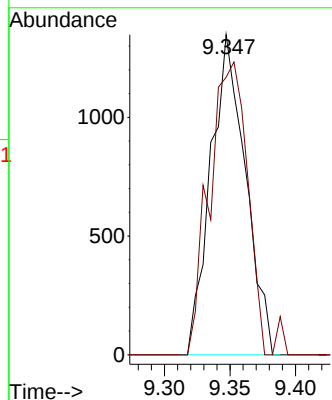
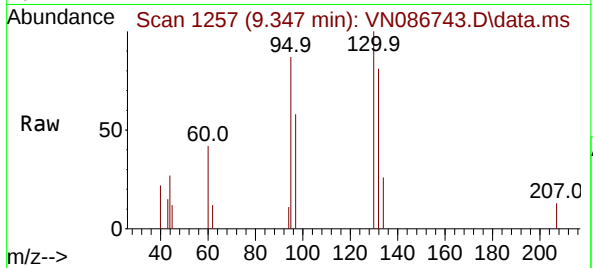




#44  
Trichloroethene  
Concen: 0.784 ug/l  
RT: 9.347 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

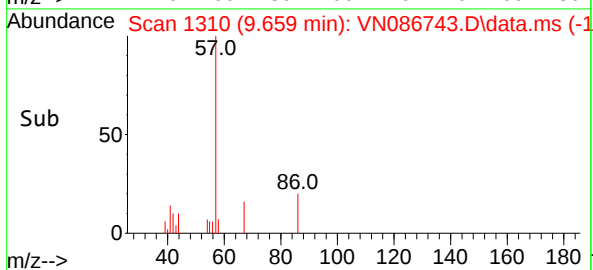
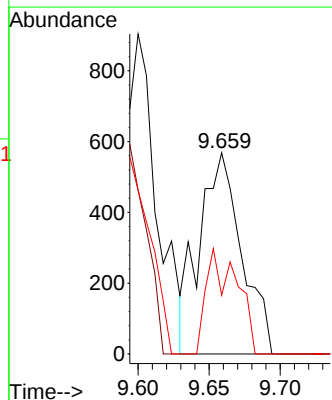
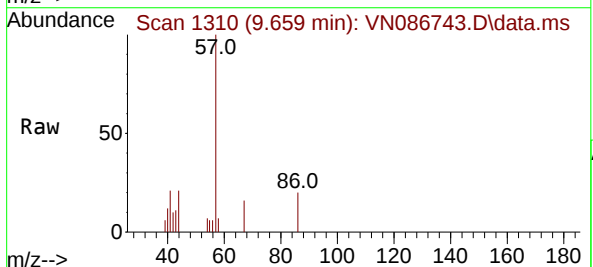
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

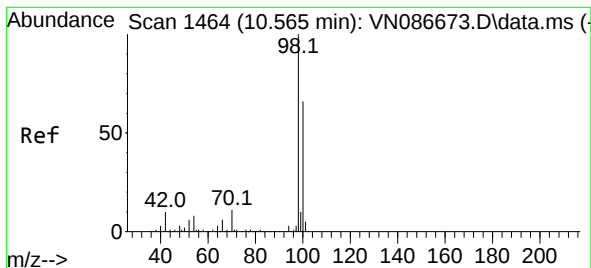
Tgt Ion:130 Resp: 2490  
Ion Ratio Lower Upper  
130 100  
95 86.7 0.0 197.0



#48  
Methyl methacrylate  
Concen: 0.372 ug/l  
RT: 9.659 min Scan# 1310  
Delta R.T. -0.018 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion: 41 Resp: 1178  
Ion Ratio Lower Upper  
41 100  
69 0.0 74.1 111.1#  
39 37.8 44.1 66.1#

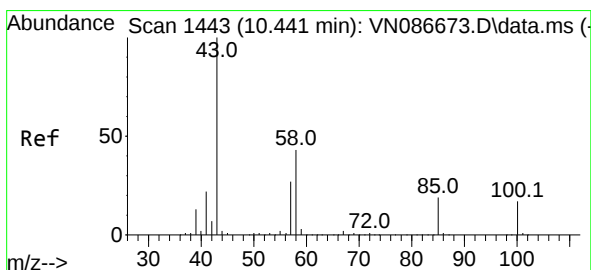
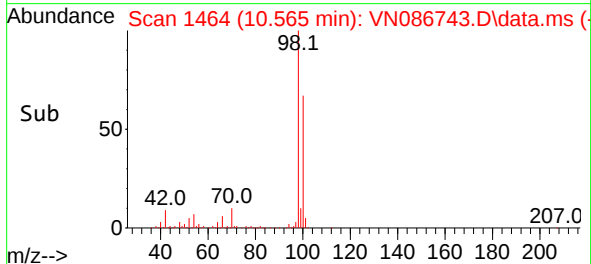
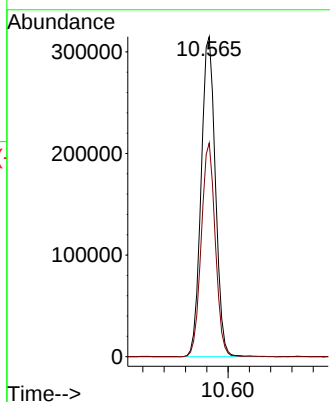
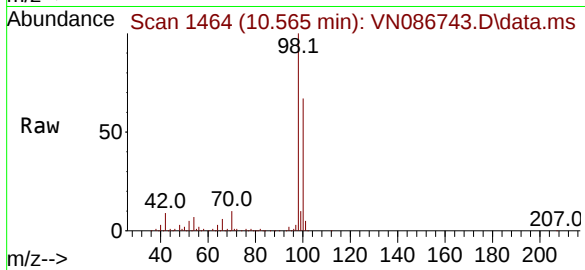




#50  
Toluene-d8  
Concen: 51.608 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

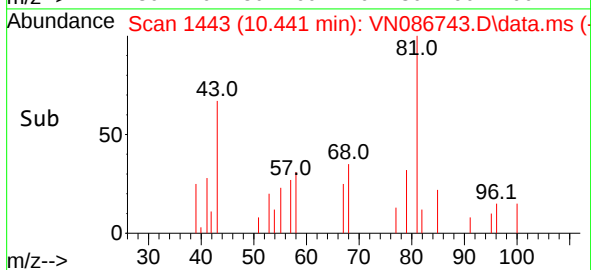
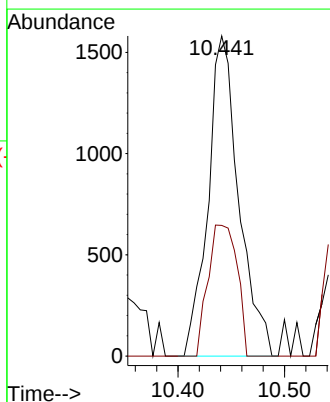
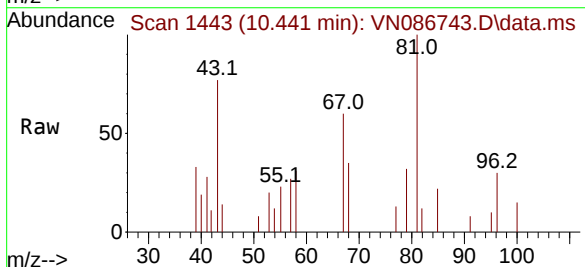
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

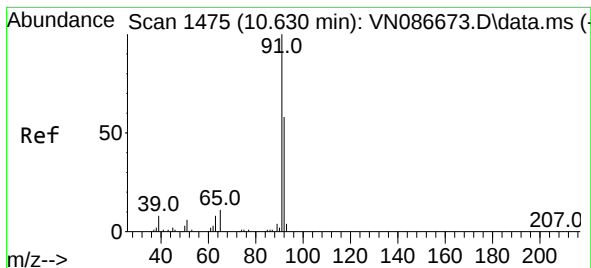
Tgt Ion: 98 Resp: 584919  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.9 79.3



#51  
4-Methyl-2-Pentanone  
Concen: 0.771 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion: 43 Resp: 3177  
Ion Ratio Lower Upper  
43 100  
58 38.5 33.9 50.9





#52

Toluene

Concen: 12.703 ug/l

RT: 10.623 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN086743.D

Acq: 21 May 2025 19:54

Instrument :

MSVOA\_N

ClientSampleId :

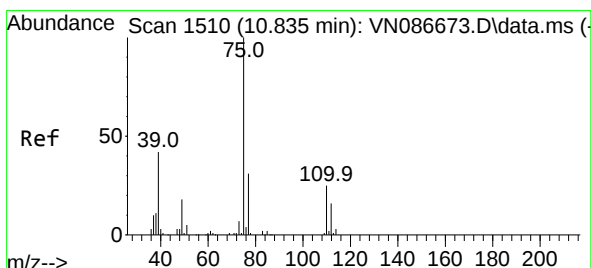
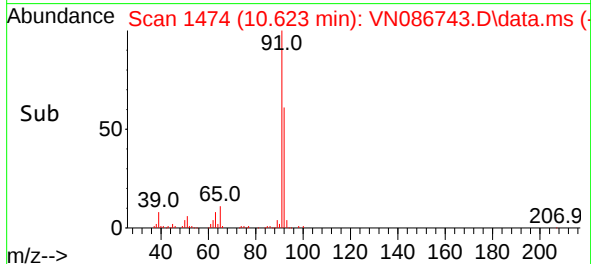
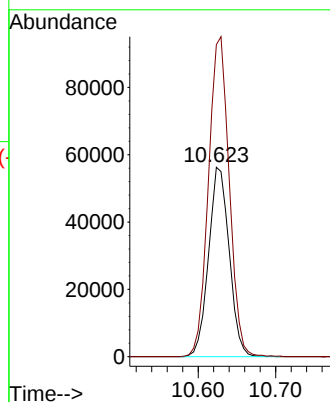
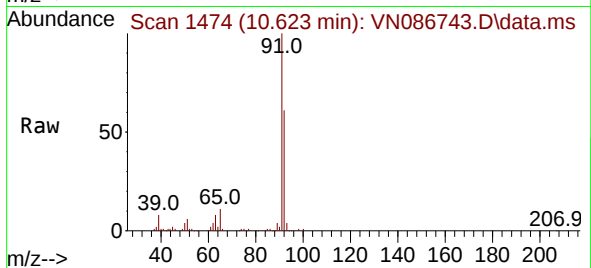
WC-A4-04-G

Tgt Ion: 92 Resp: 103903

Ion Ratio Lower Upper

92 100

91 170.5 137.8 206.8



#53

t-1,3-Dichloropropene

Concen: 0.237 ug/l

RT: 10.623 min Scan# 1474

Delta R.T. -0.212 min

Lab File: VN086743.D

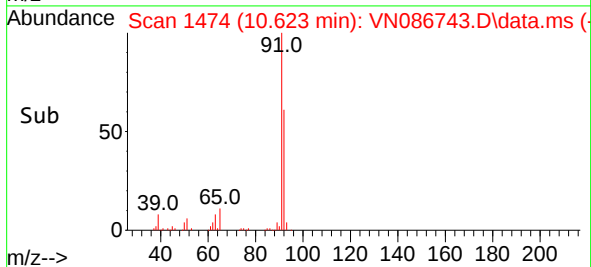
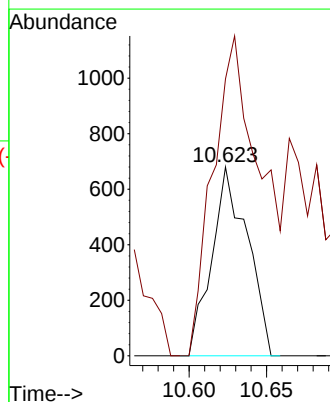
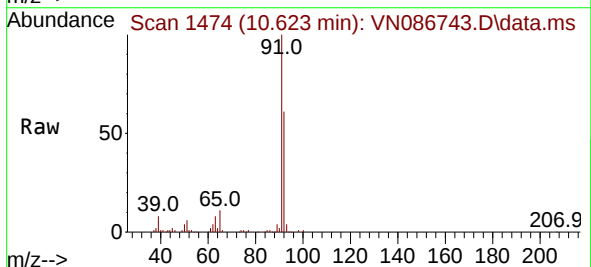
Acq: 21 May 2025 19:54

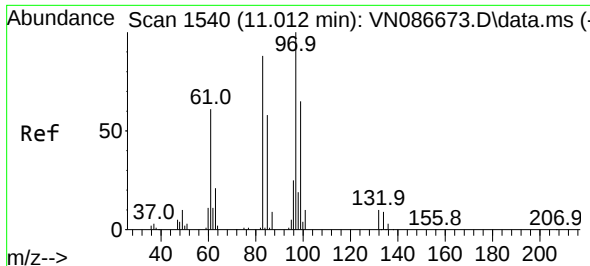
Tgt Ion: 75 Resp: 1091

Ion Ratio Lower Upper

75 100

77 146.6 25.2 37.8#

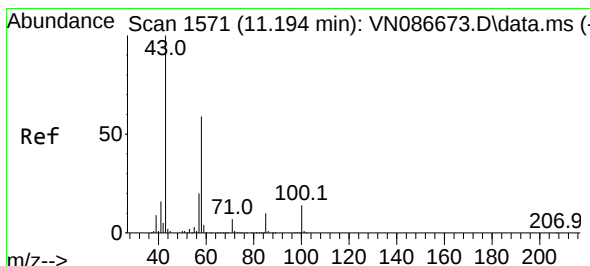
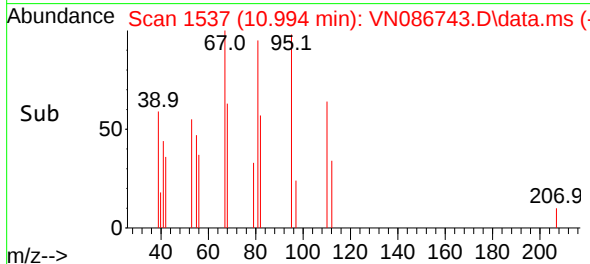
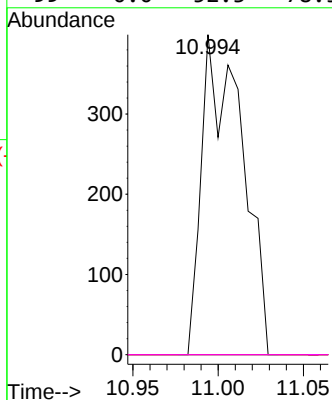
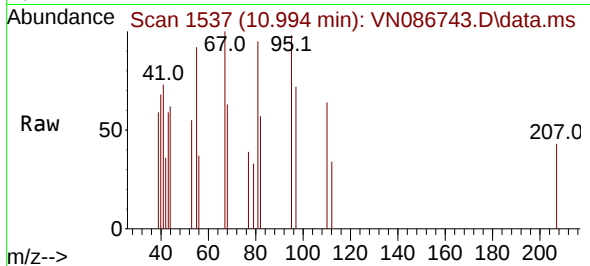




#55  
1,1,2-Trichloroethane  
Concen: 0.216 ug/l  
RT: 10.994 min Scan# 1537  
Delta R.T. -0.018 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

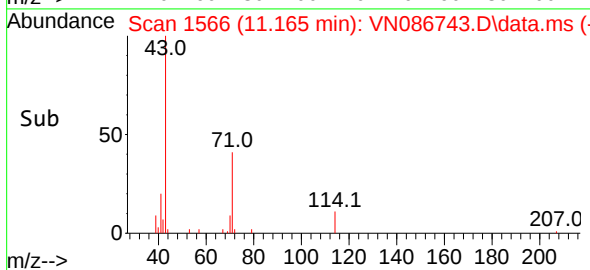
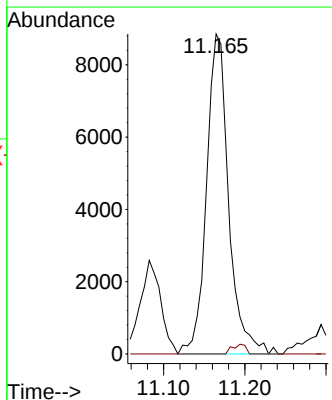
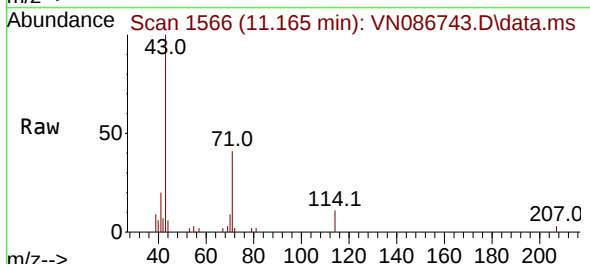
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

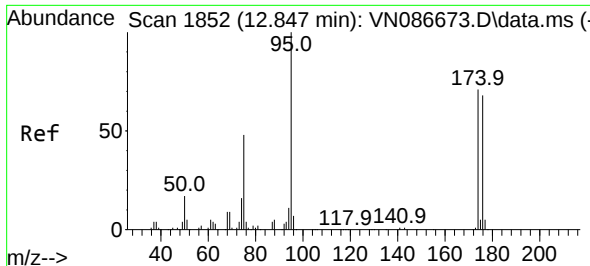
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 659   |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 0.0      | 70.4 105.6# |
| 85 0.0      | 46.1 69.1#  |
| 99 0.0      | 52.3 78.5#  |



#59  
2-Hexanone  
Concen: 5.571 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. -0.030 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 16760 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 0.0      | 29.8 89.5#  |

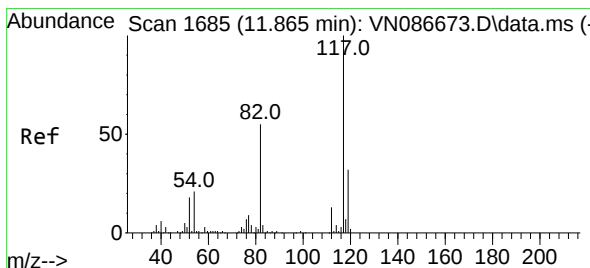
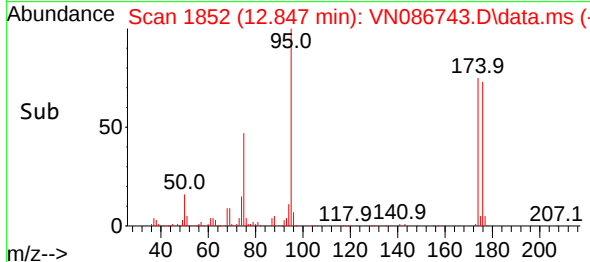
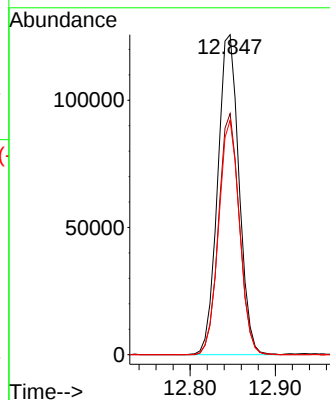
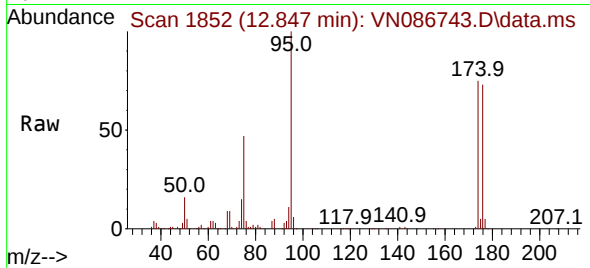




#62  
4-Bromofluorobenzene  
Concen: 54.702 ug/l  
RT: 12.847 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

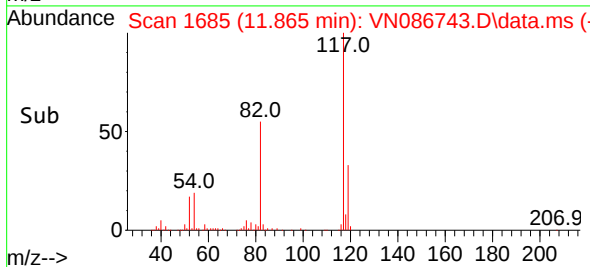
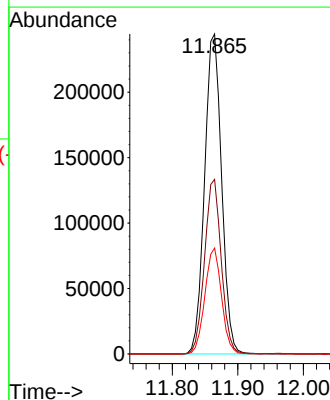
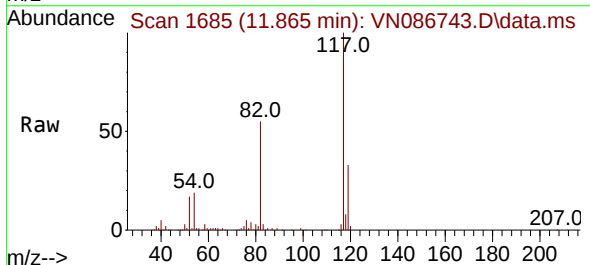
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

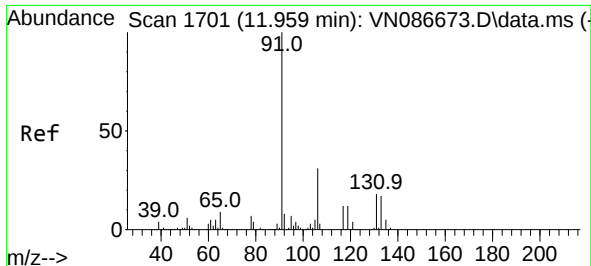
Tgt Ion: 95 Resp: 218914  
Ion Ratio Lower Upper  
95 100  
174 73.2 0.0 145.4  
176 71.5 0.0 137.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion: 117 Resp: 442626  
Ion Ratio Lower Upper  
117 100  
82 54.5 44.2 66.2  
119 33.1 25.4 38.2

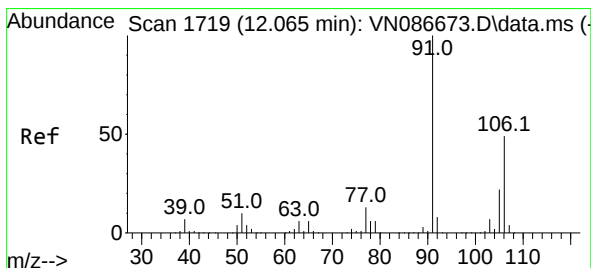
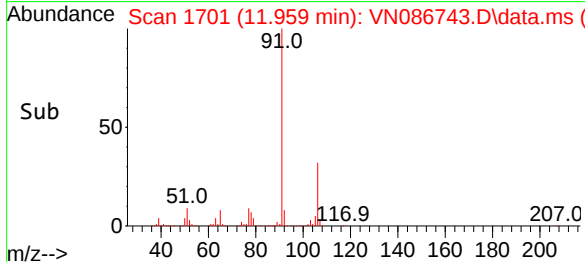
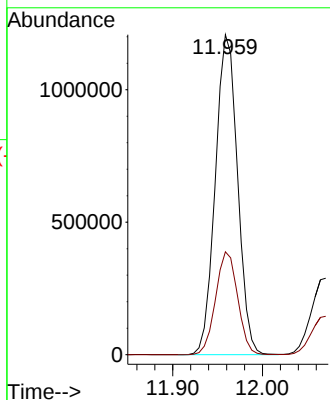
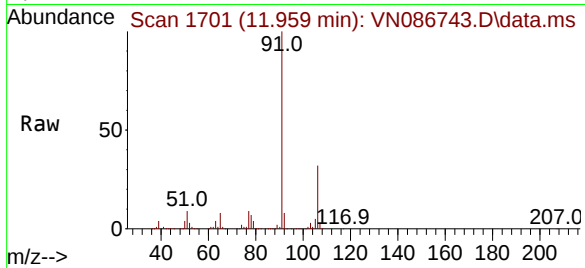




#67  
Ethyl Benzene  
Concen: 124.942 ug/l  
RT: 11.959 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

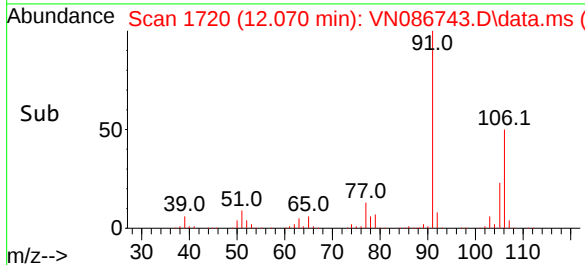
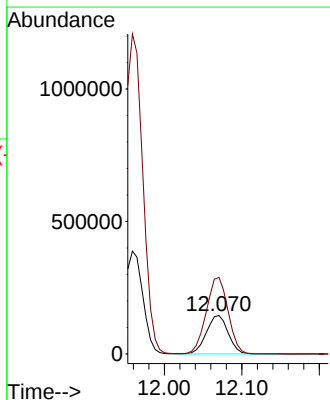
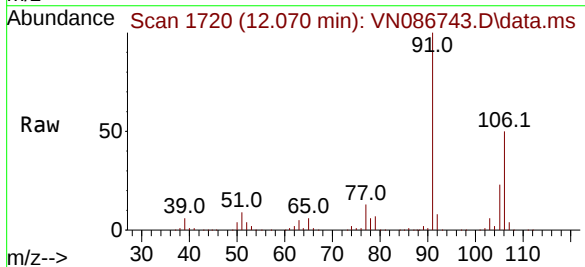
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

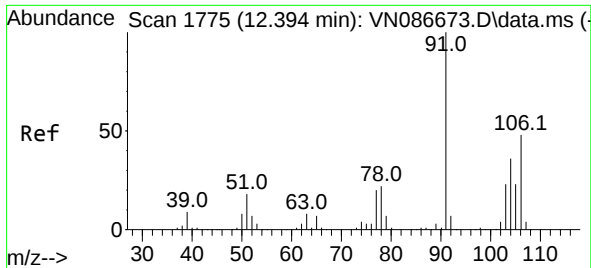
Tgt Ion: 91 Resp: 2077127  
Ion Ratio Lower Upper  
91 100  
106 32.2 24.6 36.8



#68  
m/p-Xylenes  
Concen: 44.921 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.006 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion:106 Resp: 282862  
Ion Ratio Lower Upper  
106 100  
91 199.4 162.4 243.6

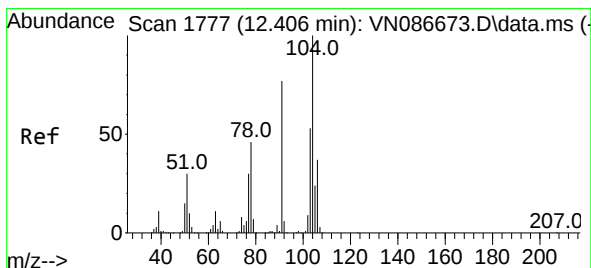
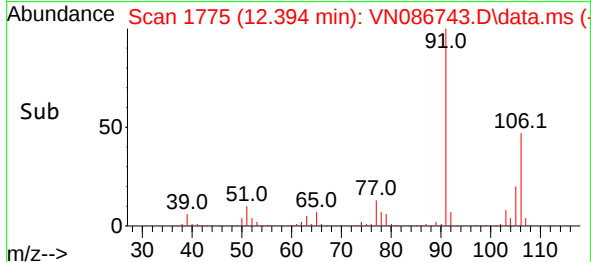
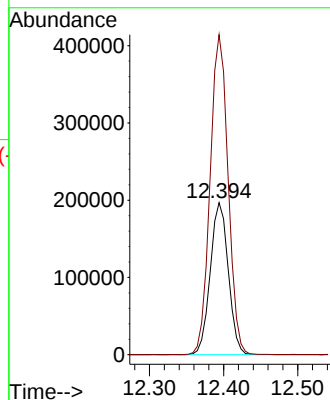
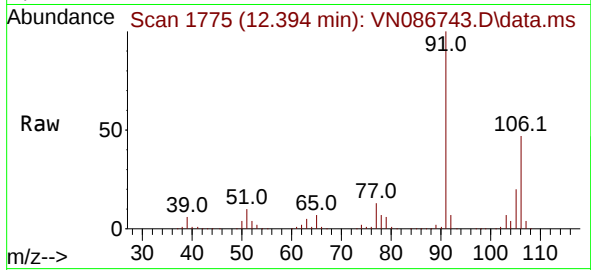




#69  
o-Xylene  
Concen: 53.071 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

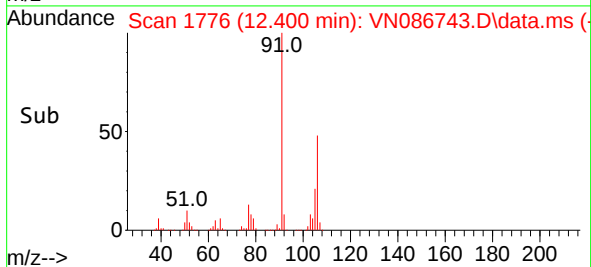
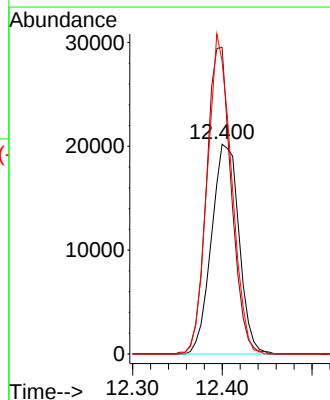
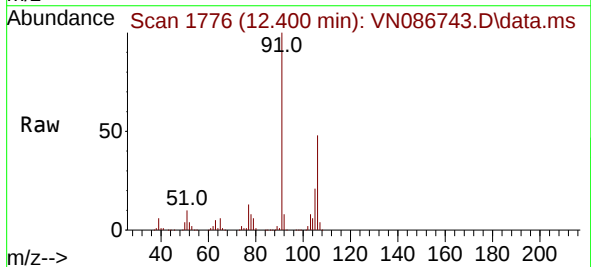
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

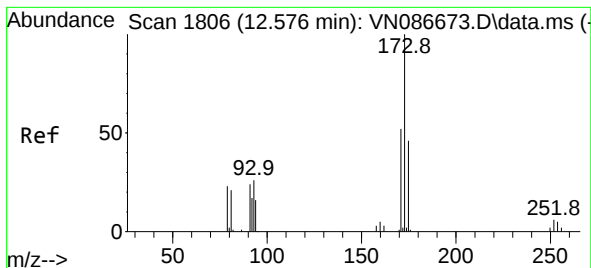
Tgt Ion:106 Resp: 332235  
Ion Ratio Lower Upper  
106 100  
91 210.5 105.1 315.1



#70  
Styrene  
Concen: 4.197 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.006 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion:104 Resp: 43019  
Ion Ratio Lower Upper  
104 100  
78 132.1 39.0 58.6#  
103 134.2 43.8 65.8#





#71

Bromoform

Concen: 0.438 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

Lab File: VN086743.D

Acq: 21 May 2025 19:54

Instrument :

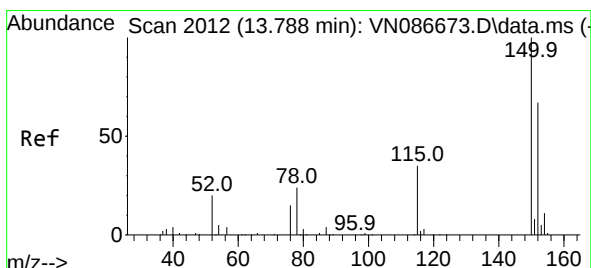
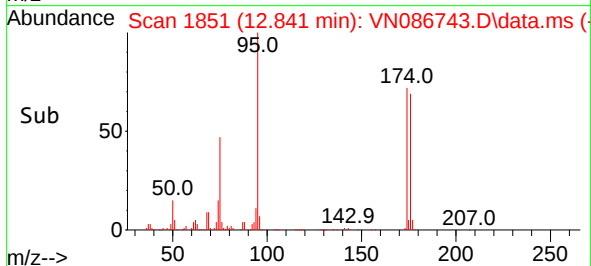
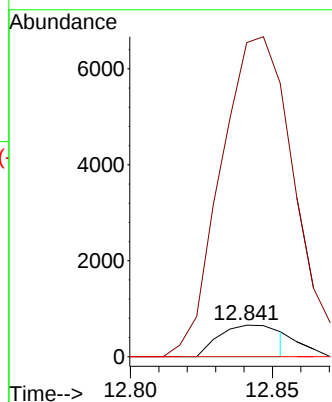
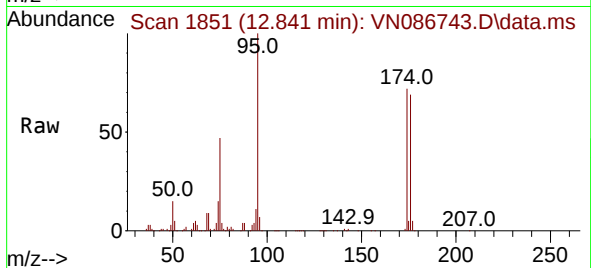
MSVOA\_N

ClientSampleId :

WC-A4-04-G

Tgt Ion:173 Resp: 975

| Ion | Ratio  | Lower | Upper |
|-----|--------|-------|-------|
| 173 | 100    |       |       |
| 175 | 1019.4 | 23.4  | 70.2# |
| 254 | 0.0    | 0.0   | 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

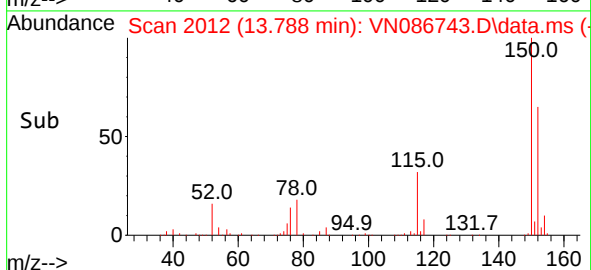
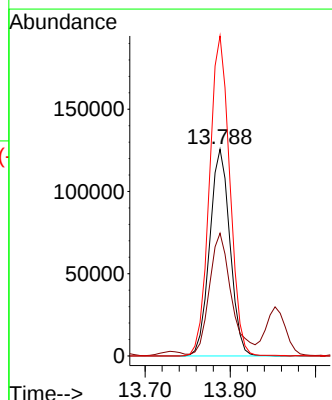
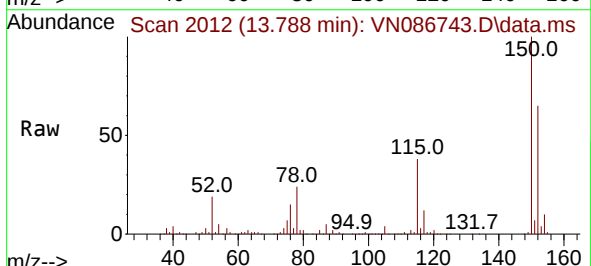
Delta R.T. -0.000 min

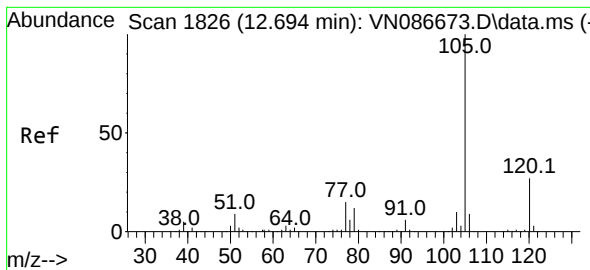
Lab File: VN086743.D

Acq: 21 May 2025 19:54

Tgt Ion:152 Resp: 207602

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 63.1  | 30.0  | 90.1  |
| 150 | 155.8 | 0.0   | 347.8 |





#73

Isopropylbenzene

Concen: 16.314 ug/l

RT: 12.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086743.D

Acq: 21 May 2025 19:54

Instrument :

MSVOA\_N

ClientSampleId :

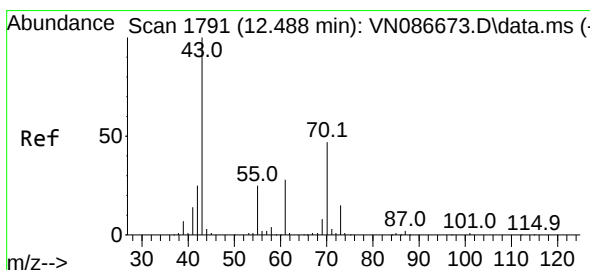
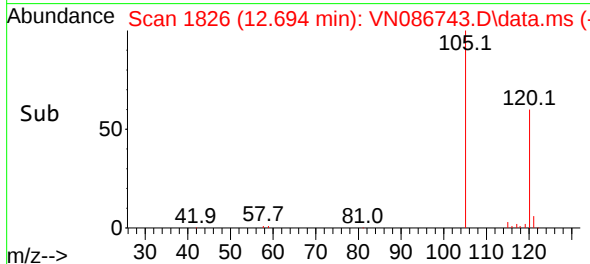
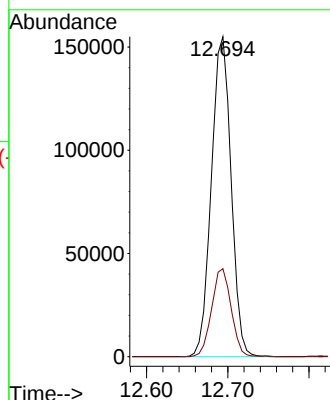
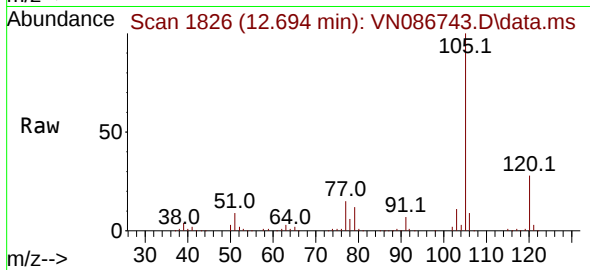
WC-A4-04-G

Tgt Ion:105 Resp: 261578

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.1



#74

N-ethyl acetate

Concen: 0.485 ug/l

RT: 12.453 min Scan# 1785

Delta R.T. -0.035 min

Lab File: VN086743.D

Acq: 21 May 2025 19:54

Tgt Ion: 43 Resp: 3246

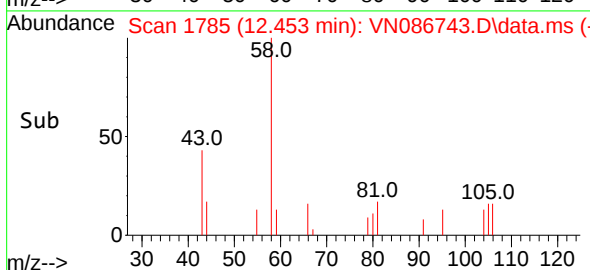
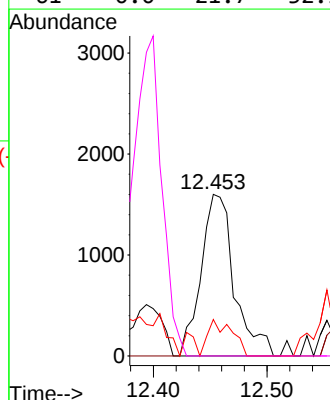
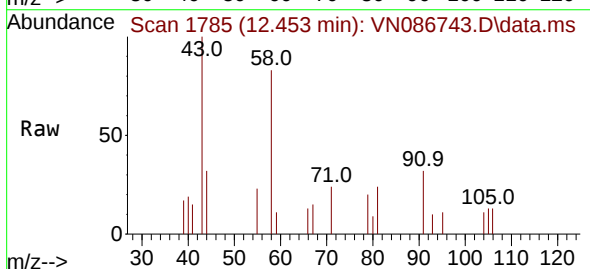
Ion Ratio Lower Upper

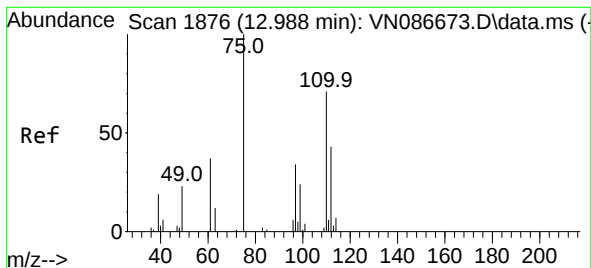
43 100

70 0.0 37.9 56.9#

55 16.4 20.5 30.7#

61 0.0 21.7 32.5#

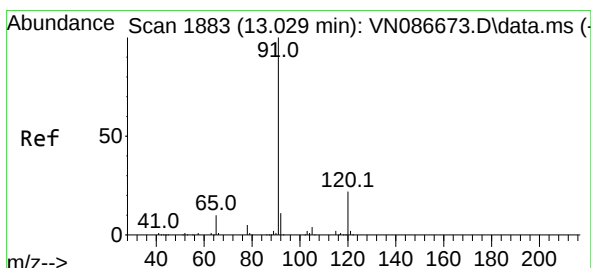
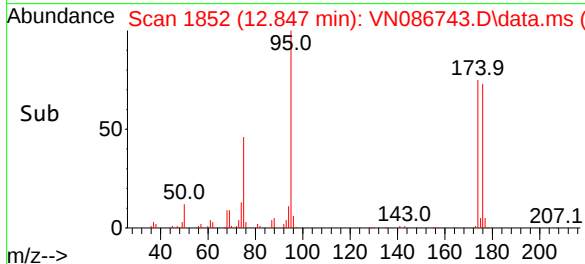
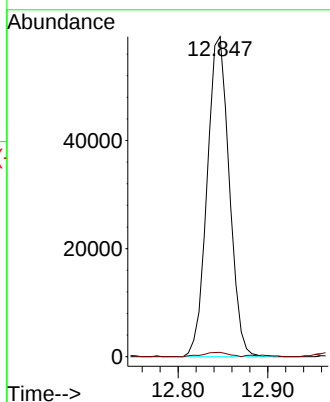
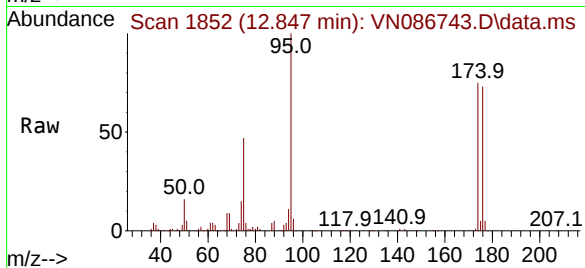




#76  
1,2,3-Trichloropropane  
Concen: 21.587 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.141 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

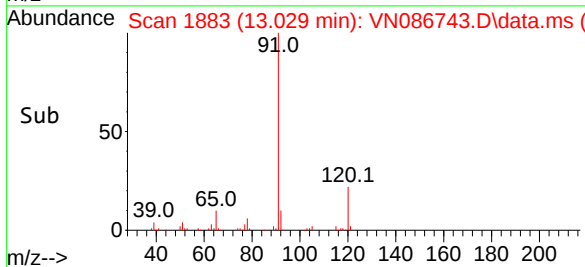
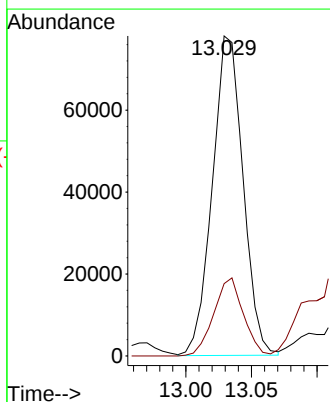
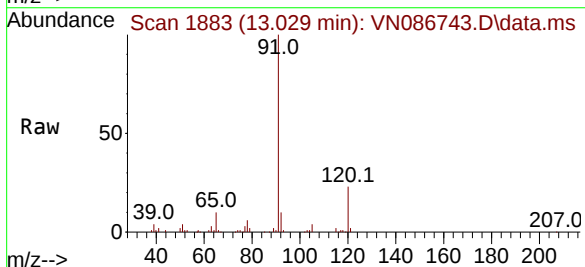
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

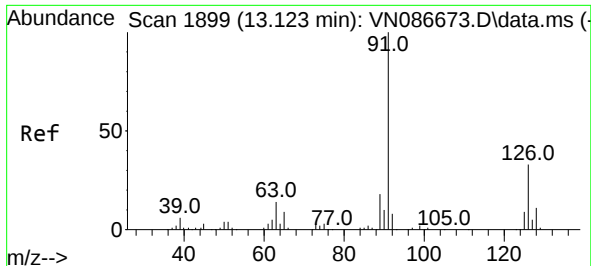
Tgt Ion: 75 Resp: 101353  
Ion Ratio Lower Upper  
75 100  
77 1.6 96.0 288.1#



#78  
n-propylbenzene  
Concen: 6.899 ug/l  
RT: 13.029 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion: 91 Resp: 126940  
Ion Ratio Lower Upper  
91 100  
120 23.6 11.4 34.1

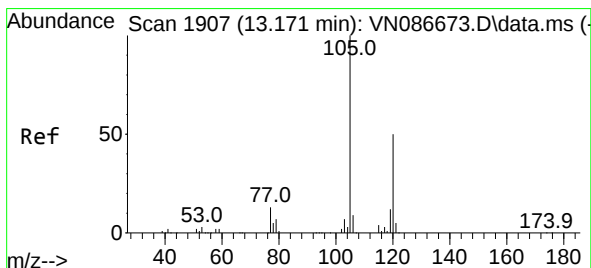
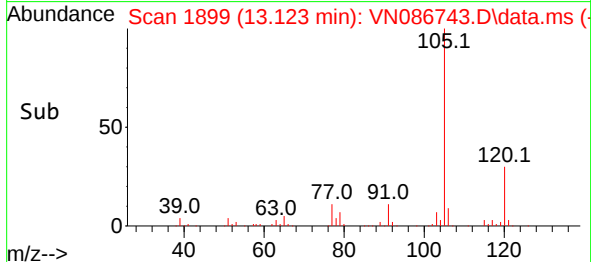
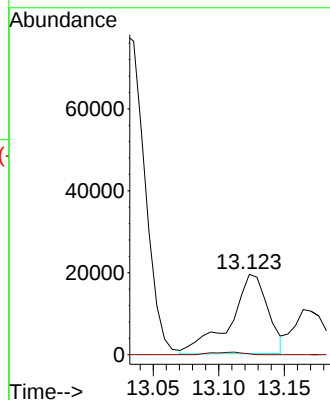
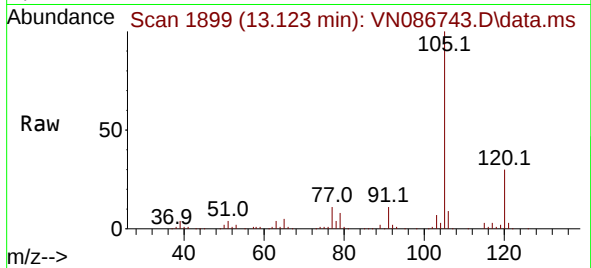




#79  
2-Chlorotoluene  
Concen: 3.252 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

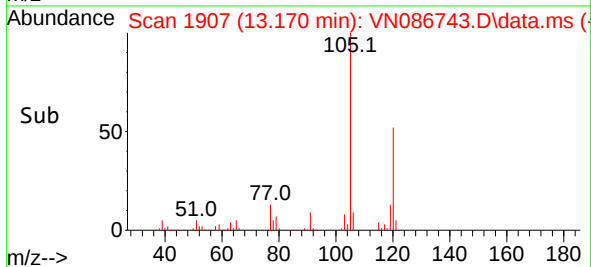
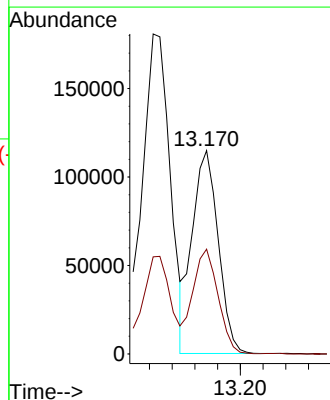
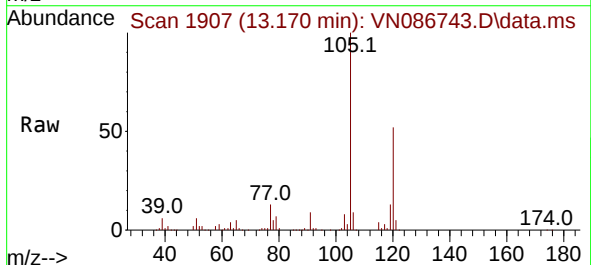
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

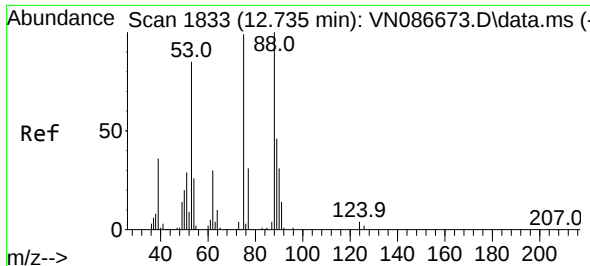
Tgt Ion: 91 Resp: 38912  
Ion Ratio Lower Upper  
91 100  
126 2.6 16.6 49.7#



#80  
1,3,5-Trimethylbenzene  
Concen: 14.218 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion: 105 Resp: 182641  
Ion Ratio Lower Upper  
105 100  
120 50.3 24.9 74.6

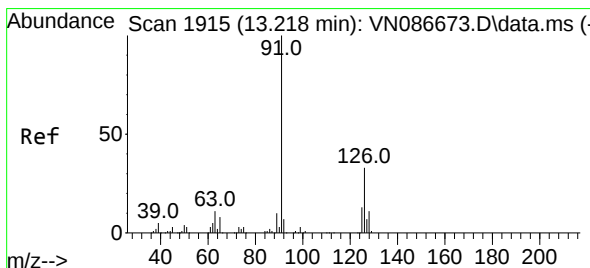
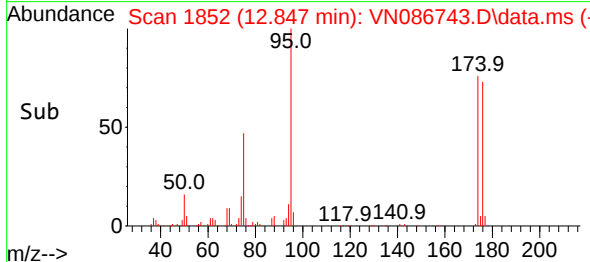
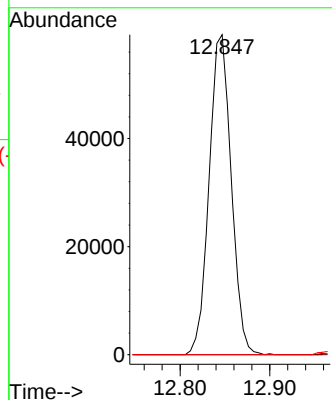
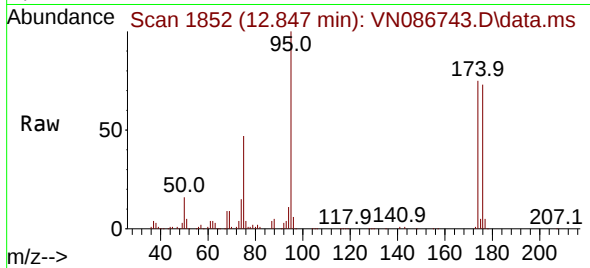




#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.478 ug/l  
RT: 12.847 min Scan# 11  
Delta R.T. 0.112 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

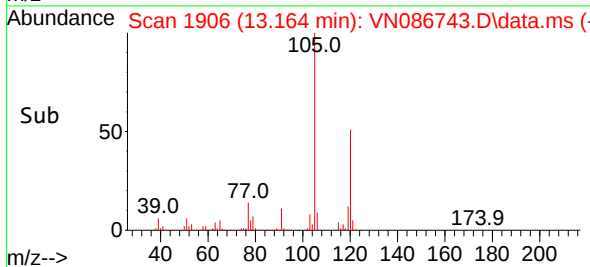
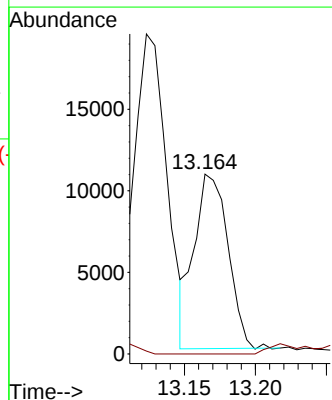
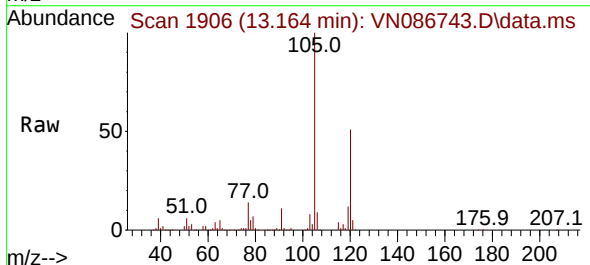
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

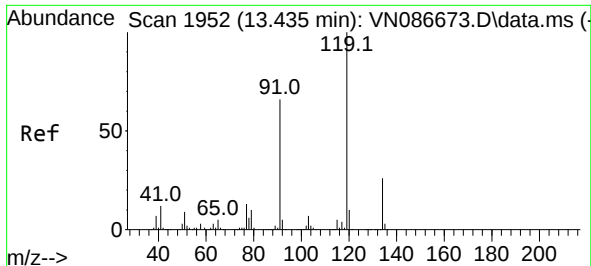
Tgt Ion: 75 Resp: 101353  
Ion Ratio Lower Upper  
75 100  
53 0.0 70.4 105.6#  
89 0.0 32.4 48.6#



#82  
4-Chlorotoluene  
Concen: 1.494 ug/l  
RT: 13.164 min Scan# 1906  
Delta R.T. -0.053 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion: 91 Resp: 17703  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.0 50.9#

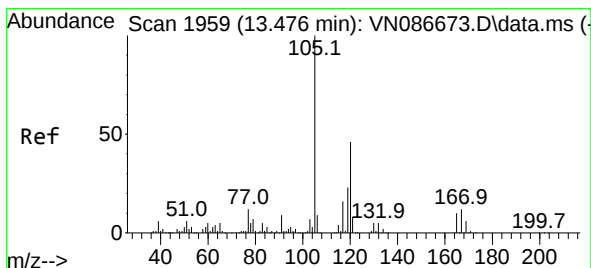
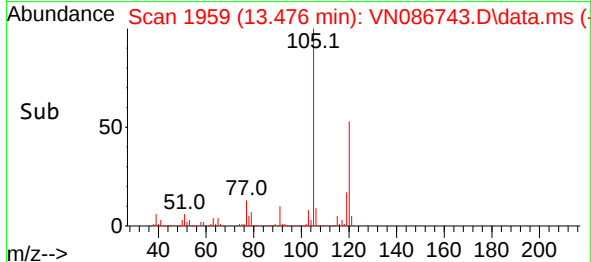
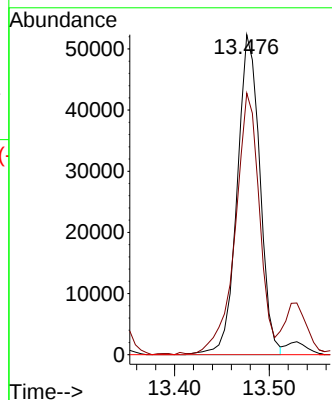
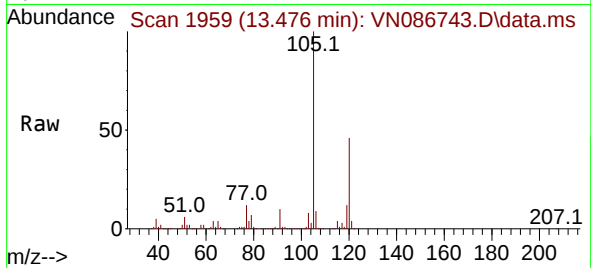




#83  
tert-Butylbenzene  
Concen: 7.762 ug/l  
RT: 13.476 min Scan# 1959  
Delta R.T. 0.041 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

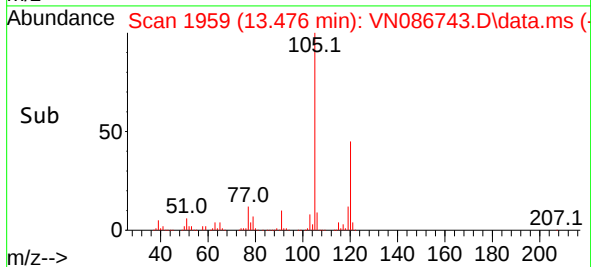
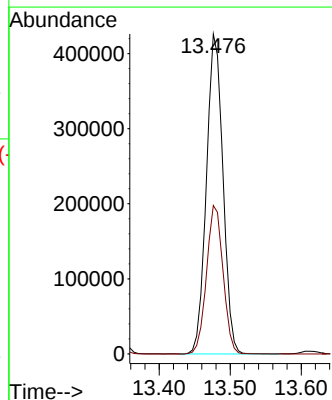
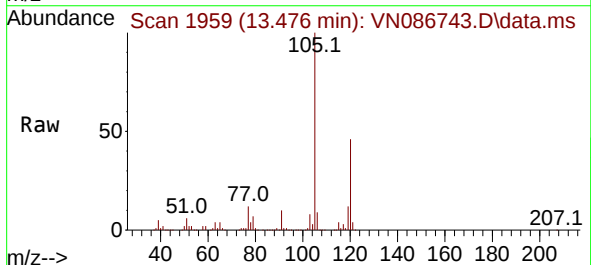
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

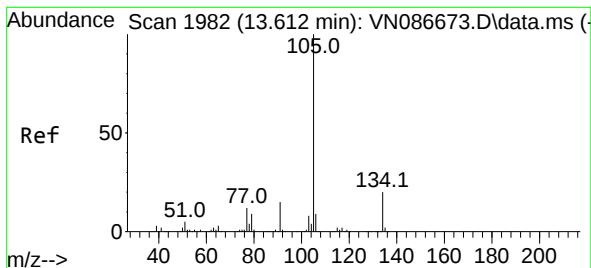
Tgt Ion:119 Resp: 86961  
Ion Ratio Lower Upper  
119 100  
91 87.5 32.9 98.7  
134 0.0 13.4 40.1#



#84  
1,2,4-Trimethylbenzene  
Concen: 53.966 ug/l  
RT: 13.476 min Scan# 1959  
Delta R.T. -0.000 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion:105 Resp: 690355  
Ion Ratio Lower Upper  
105 100  
120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 45.958 ug/l

RT: 13.476 min Scan# 1982

Delta R.T. -0.135 min

Lab File: VN086743.D

Acq: 21 May 2025 19:54

Instrument :

MSVOA\_N

ClientSampleId :

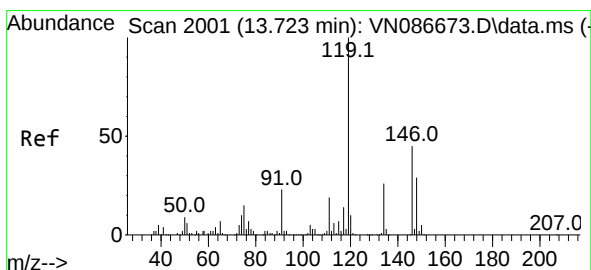
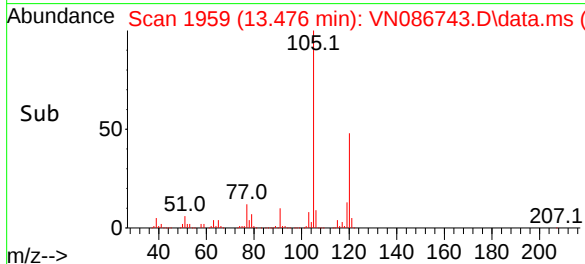
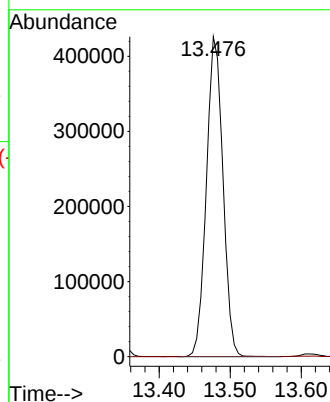
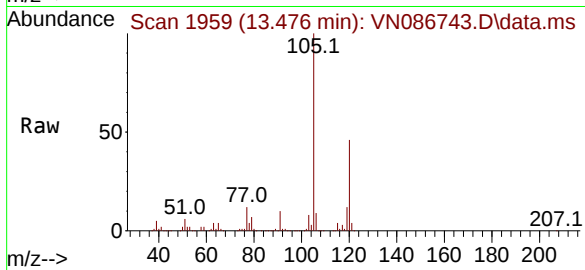
WC-A4-04-G

Tgt Ion:105 Resp: 690355

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#



#86

p-Isopropyltoluene

Concen: 2.381 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN086743.D

Acq: 21 May 2025 19:54

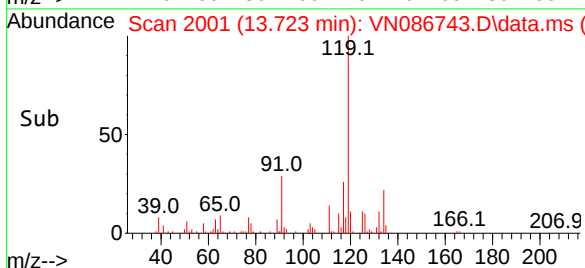
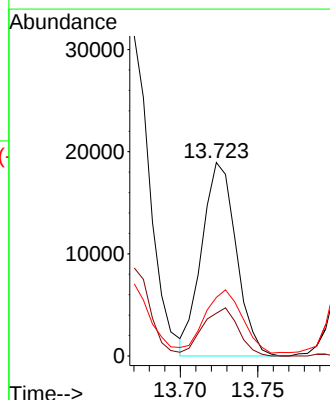
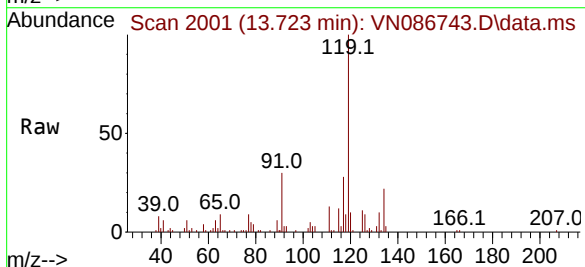
Tgt Ion:119 Resp: 29312

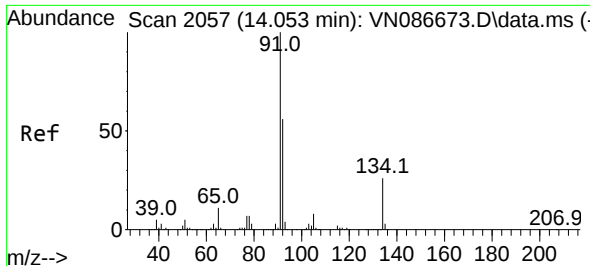
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.1

91 0.0 11.5 34.5#

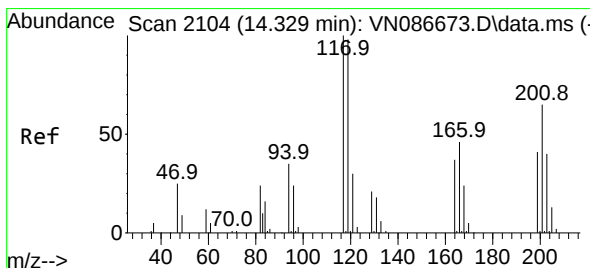
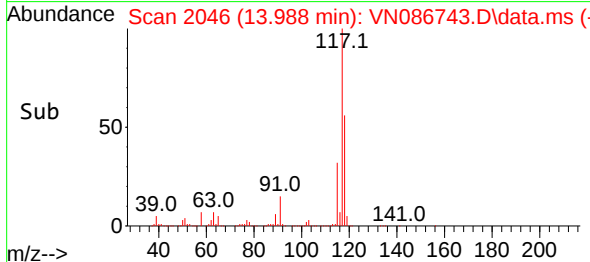
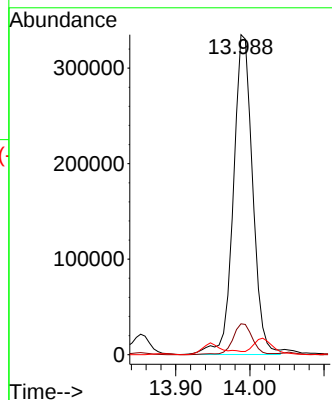
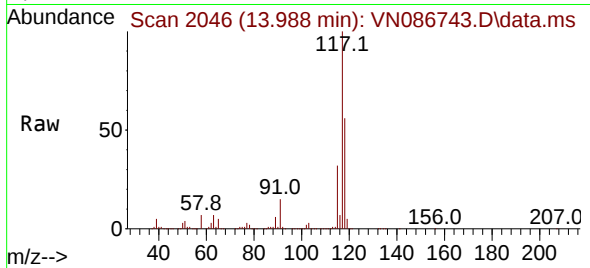




#89  
n-Butylbenzene  
Concen: 59.123 ug/l  
RT: 13.988 min Scan# 2057  
Delta R.T. -0.065 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

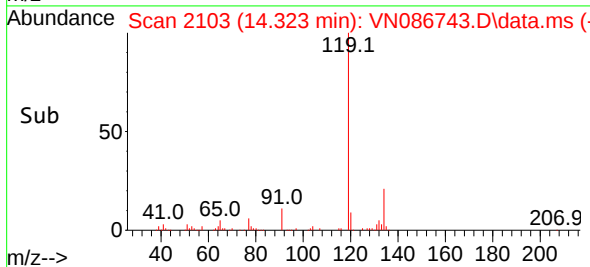
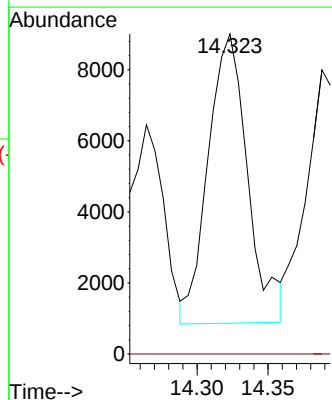
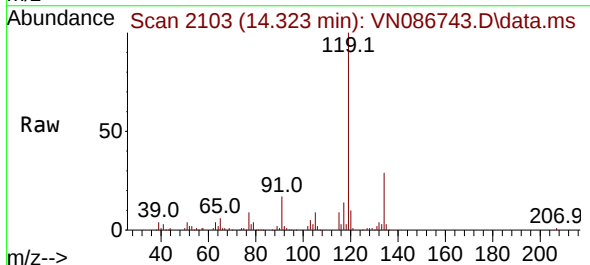
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-A4-04-G

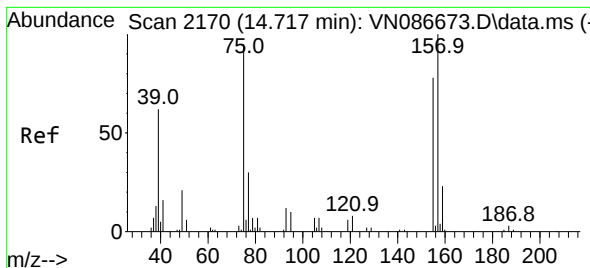
Tgt Ion: 91 Resp: 603498  
Ion Ratio Lower Upper  
91 100  
92 9.9 27.4 82.0#  
134 0.0 12.8 38.4#



#90  
Hexachloroethane  
Concen: 7.716 ug/l  
RT: 14.323 min Scan# 2103  
Delta R.T. -0.006 min  
Lab File: VN086743.D  
Acq: 21 May 2025 19:54

Tgt Ion: 117 Resp: 15763  
Ion Ratio Lower Upper  
117 100  
201 0.0 32.0 96.0#

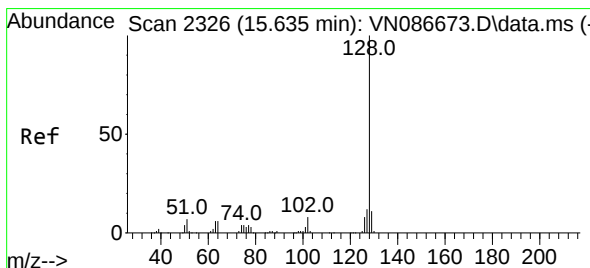
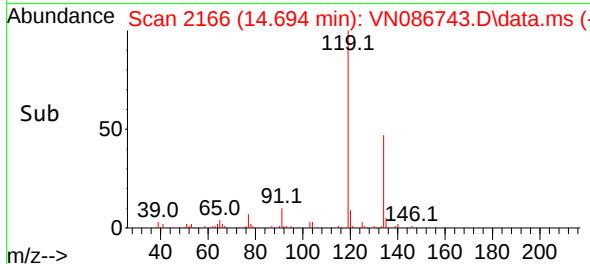
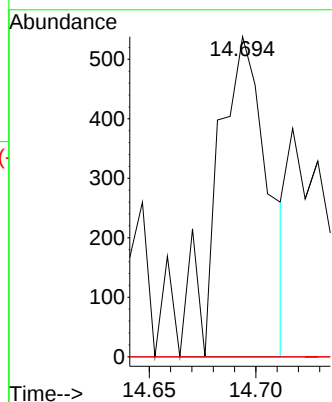
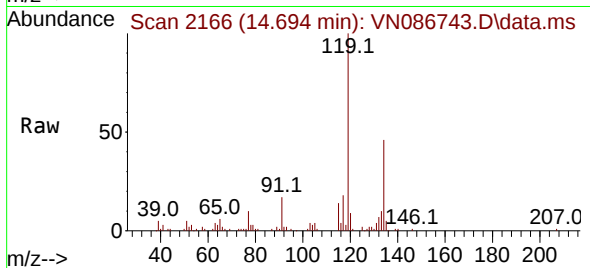




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.102 ug/l  
 RT: 14.694 min Scan# 2166  
 Delta R.T. -0.024 min  
 Lab File: VN086743.D  
 Acq: 21 May 2025 19:54

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-A4-04-G

Tgt Ion: 75 Resp: 899  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 40.5 121.5#  
 157 0.0 53.6 160.8#



#95  
 Naphthalene  
 Concen: 1815.845 ug/l  
 RT: 15.635 min Scan# 2326  
 Delta R.T. -0.000 min  
 Lab File: VN086743.D  
 Acq: 21 May 2025 19:54

Tgt Ion:128 Resp:17679554  
 Ion Ratio Lower Upper  
 128 100  
 127 13.8 10.1 15.1  
 129 11.8 8.6 13.0

