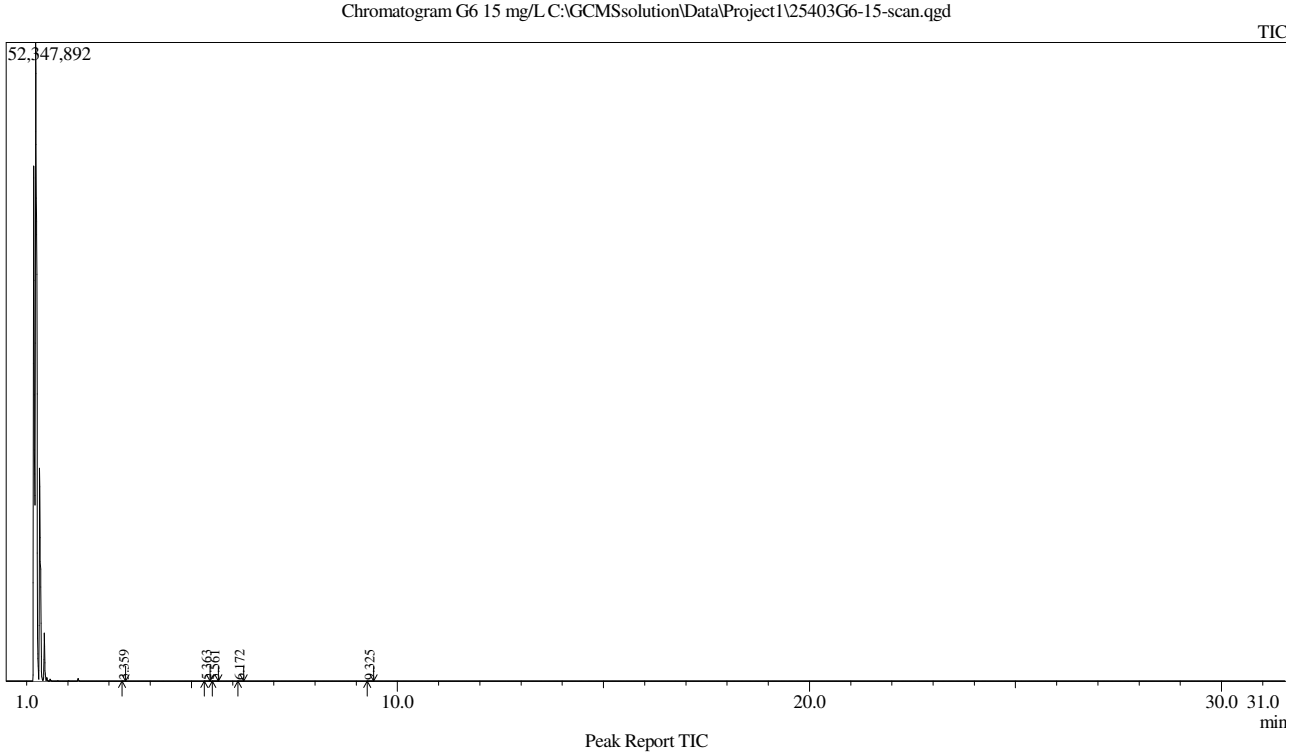
Chromatogram G6 15 mg/L C:\GCMSsolution\Data\Project1\25403G6-15-scan.qgd

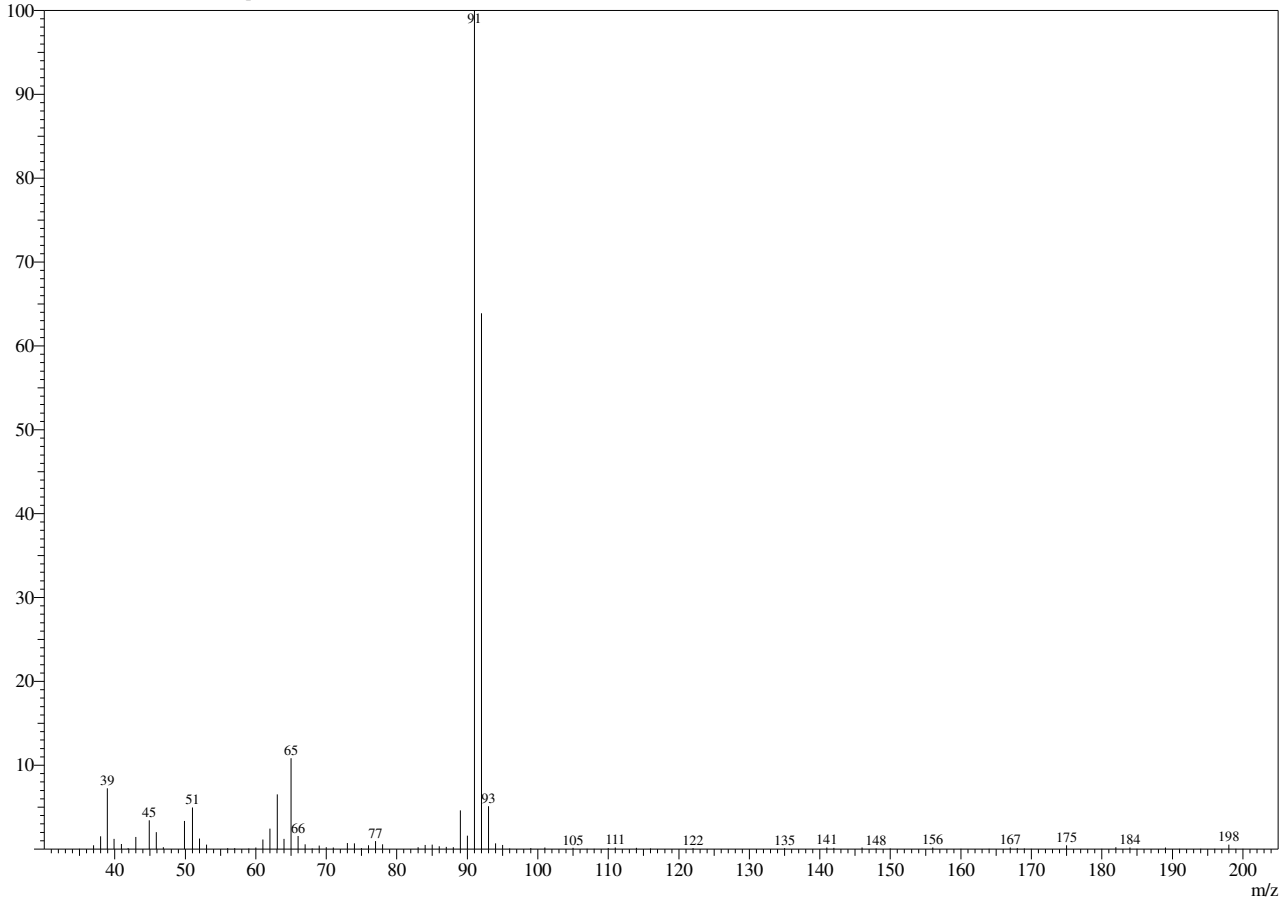



Peak Report TIC

| Peak# | R.Time | I.Time | F.Time | Area | Area% | Height | A/H | Mark | Name |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.359 | 3.315 | 3.400 | 16353 | 17.51 | 10043 | 1.63 | MI | Toluene |
| 2 | 5.363 | 5.310 | 5.450 | 17539 | 18.78 | 7251 | 2.42 | MI | Ethylbenzene |
| 3 | 5.561 | 5.505 | 5.655 | 23636 | 25.31 | 10403 | 2.27 | MI | o-Xylene |
| 4 | 6.172 | 6.125 | 6.265 | 21640 | 23.17 | 7618 | 2.84 | MI | o-Xylene |
| 5 | 9.325 | 9.265 | 9.425 | 14230 | 15.24 | 4664 | 3.05 | MI | Decane |
| | | | | 93398 | 100.00 | 39979 | | | |

Spectrum

Peak#:1 R.Time:3.359(Scan#:573)
MassPeaks:85
RawMode:Averaged 3.355-3.365(572-574)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

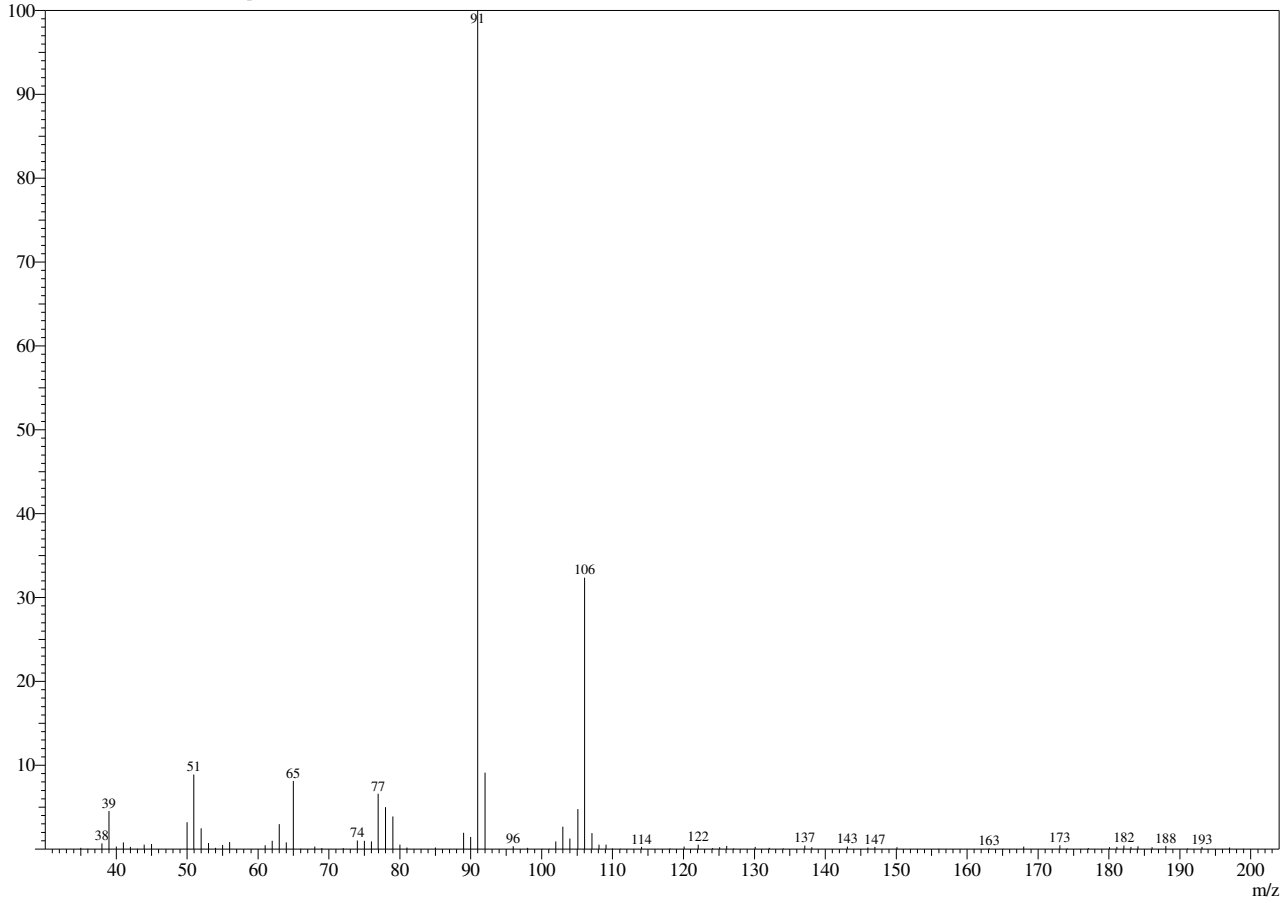



Mass Table
Peak#:1 R.Time:3.360(Scan#:573)
MassPeaks:85
Group 1 - Event 1 Scan

| # | m/z | Rel. Int. | # | m/z | Rel. Int. | # | m/z | Rel. Int. | # | m/z | Rel. Int. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 35.00 | 0.02 | 23 | 64.00 | 1.21 | 45 | 91.00 | 100.00 | 67 | 156.00 | 0.20 |
| 2 | 37.00 | 0.47 | 24 | 65.00 | 10.83 | 46 | 92.00 | 63.90 | 68 | 160.00 | 0.02 |
| 3 | 38.00 | 1.54 | 25 | 66.00 | 1.56 | 47 | 93.00 | 5.10 | 69 | 164.00 | 0.05 |
| 4 | 38.95 | 7.23 | 26 | 67.00 | 0.57 | 48 | 94.00 | 0.67 | 70 | 167.00 | 0.17 |
| 5 | 39.90 | 1.24 | 27 | 68.00 | 0.07 | 49 | 95.00 | 0.50 | 71 | 168.00 | 0.12 |
| 6 | 40.95 | 0.62 | 28 | 69.00 | 0.42 | 50 | 96.00 | 0.07 | 72 | 169.00 | 0.07 |
| 7 | 41.90 | 0.10 | 29 | 70.00 | 0.22 | 51 | 99.00 | 0.10 | 73 | 170.00 | 0.02 |
| 8 | 43.00 | 1.46 | 30 | 71.00 | 0.20 | 52 | 101.00 | 0.17 | 74 | 175.00 | 0.45 |
| 9 | 44.90 | 3.42 | 31 | 73.00 | 0.72 | 53 | 105.00 | 0.15 | 75 | 180.00 | 0.02 |
| 10 | 45.90 | 2.03 | 32 | 74.00 | 0.69 | 54 | 107.00 | 0.02 | 76 | 182.00 | 0.22 |
| 11 | 46.90 | 0.25 | 33 | 75.00 | 0.12 | 55 | 108.00 | 0.05 | 77 | 184.00 | 0.20 |
| 12 | 49.90 | 3.34 | 34 | 76.00 | 0.47 | 56 | 110.00 | 0.12 | 78 | 185.00 | 0.05 |
| 13 | 51.00 | 4.96 | 35 | 77.00 | 0.97 | 57 | 111.00 | 0.17 | 79 | 189.00 | 0.17 |
| 14 | 52.00 | 1.26 | 36 | 78.00 | 0.57 | 58 | 114.00 | 0.15 | 80 | 191.00 | 0.02 |
| 15 | 53.00 | 0.52 | 37 | 83.00 | 0.22 | 59 | 116.00 | 0.07 | 81 | 194.00 | 0.02 |
| 16 | 56.00 | 0.10 | 38 | 84.00 | 0.50 | 60 | 122.00 | 0.12 | 82 | 196.00 | 0.05 |
| 17 | 57.00 | 0.10 | 39 | 85.00 | 0.55 | 61 | 135.00 | 0.10 | 83 | 198.00 | 0.52 |
| 18 | 59.00 | 0.07 | 40 | 86.00 | 0.35 | 62 | 141.00 | 0.17 | 84 | 199.00 | 0.05 |
| 19 | 60.00 | 0.17 | 41 | 87.00 | 0.27 | 63 | 142.00 | 0.15 | 85 | 200.00 | 0.02 |
| 20 | 61.00 | 1.14 | 42 | 88.00 | 0.25 | 64 | 146.00 | 0.17 | | | |
| 21 | 62.00 | 2.43 | 43 | 89.00 | 4.61 | 65 | 148.00 | 0.07 | | | |
| 22 | 63.05 | 6.54 | 44 | 90.00 | 1.61 | 66 | 150.00 | 0.07 | | | |

Spectrum

Peak#:2 R.Time:5.363(Scan#:974)
MassPeaks:88
RawMode:Averaged 5.360-5.370(973-975)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

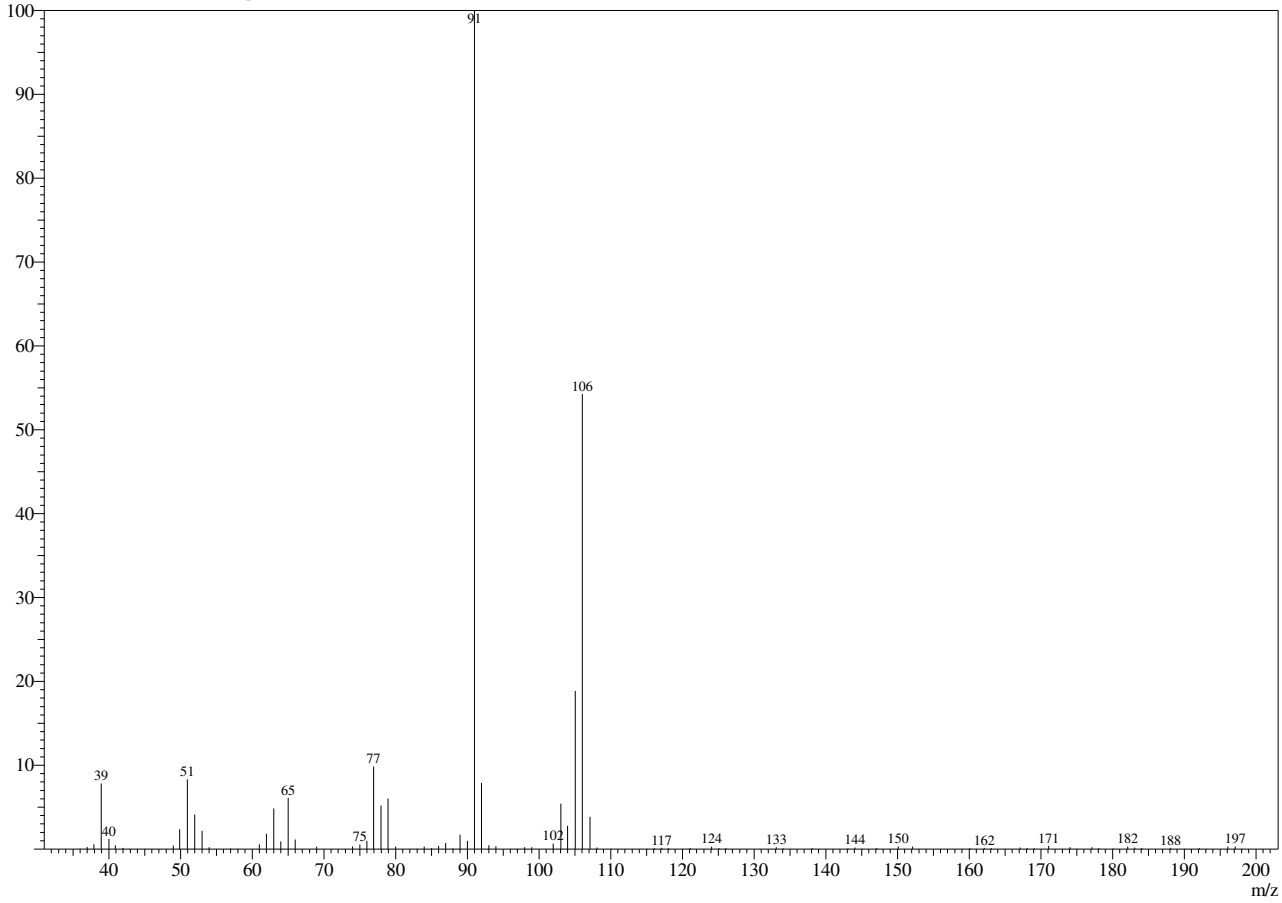



Mass Table
Peak#:2 R.Time:5.365(Scan#:974)
MassPeaks:88
Group 1 - Event 1 Scan

| # | m/z | Rel. Int. | # | m/z | Rel. Int. | # | m/z | Rel. Int. | # | m/z | Rel. Int. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 35.00 | 0.15 | 23 | 66.00 | 0.03 | 45 | 103.00 | 2.65 | 67 | 143.10 | 0.31 |
| 2 | 36.00 | 0.03 | 24 | 68.00 | 0.31 | 46 | 104.00 | 1.25 | 68 | 146.00 | 0.18 |
| 3 | 38.00 | 0.70 | 25 | 69.00 | 0.12 | 47 | 105.10 | 4.76 | 69 | 147.00 | 0.27 |
| 4 | 39.00 | 4.55 | 26 | 72.00 | 0.12 | 48 | 106.05 | 32.37 | 70 | 150.10 | 0.24 |
| 5 | 40.00 | 0.31 | 27 | 74.00 | 1.04 | 49 | 107.10 | 1.89 | 71 | 156.00 | 0.03 |
| 6 | 41.00 | 0.79 | 28 | 75.00 | 1.01 | 50 | 108.10 | 0.55 | 72 | 163.10 | 0.09 |
| 7 | 42.00 | 0.27 | 29 | 76.00 | 0.92 | 51 | 109.10 | 0.52 | 73 | 165.10 | 0.03 |
| 8 | 43.00 | 0.03 | 30 | 76.95 | 6.62 | 52 | 110.00 | 0.06 | 74 | 168.00 | 0.31 |
| 9 | 43.95 | 0.52 | 31 | 78.00 | 5.00 | 53 | 111.10 | 0.03 | 75 | 173.10 | 0.46 |
| 10 | 45.00 | 0.61 | 32 | 79.00 | 3.87 | 54 | 114.10 | 0.27 | 76 | 174.10 | 0.06 |
| 11 | 50.00 | 3.20 | 33 | 80.00 | 0.55 | 55 | 118.10 | 0.06 | 77 | 177.10 | 0.12 |
| 12 | 50.95 | 8.88 | 34 | 81.00 | 0.18 | 56 | 120.10 | 0.31 | 78 | 180.10 | 0.24 |
| 13 | 52.00 | 2.47 | 35 | 85.00 | 0.18 | 57 | 122.10 | 0.52 | 79 | 181.10 | 0.27 |
| 14 | 53.00 | 0.73 | 36 | 89.00 | 1.95 | 58 | 124.10 | 0.12 | 80 | 182.10 | 0.43 |
| 15 | 54.00 | 0.15 | 37 | 90.00 | 1.43 | 59 | 125.10 | 0.21 | 81 | 183.10 | 0.27 |
| 16 | 55.00 | 0.49 | 38 | 91.00 | 100.00 | 60 | 126.10 | 0.40 | 82 | 184.10 | 0.34 |
| 17 | 56.00 | 0.82 | 39 | 92.00 | 9.12 | 61 | 127.10 | 0.09 | 83 | 186.10 | 0.24 |
| 18 | 61.00 | 0.46 | 40 | 96.00 | 0.34 | 62 | 130.10 | 0.27 | 84 | 188.00 | 0.37 |
| 19 | 62.00 | 1.01 | 41 | 98.00 | 0.15 | 63 | 132.10 | 0.15 | 85 | 191.10 | 0.09 |
| 20 | 63.00 | 2.99 | 42 | 100.10 | 0.03 | 64 | 134.10 | 0.06 | 86 | 193.10 | 0.27 |
| 21 | 64.00 | 0.79 | 43 | 101.10 | 0.03 | 65 | 137.10 | 0.43 | 87 | 197.00 | 0.18 |
| 22 | 65.00 | 8.11 | 44 | 102.00 | 0.92 | 66 | 138.10 | 0.21 | 88 | 199.00 | 0.03 |

Spectrum

Peak#:3 R.Time:5.561(Scan#:1013)
MassPeaks:95
RawMode:Averaged 5.555-5.565(1012-1014)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

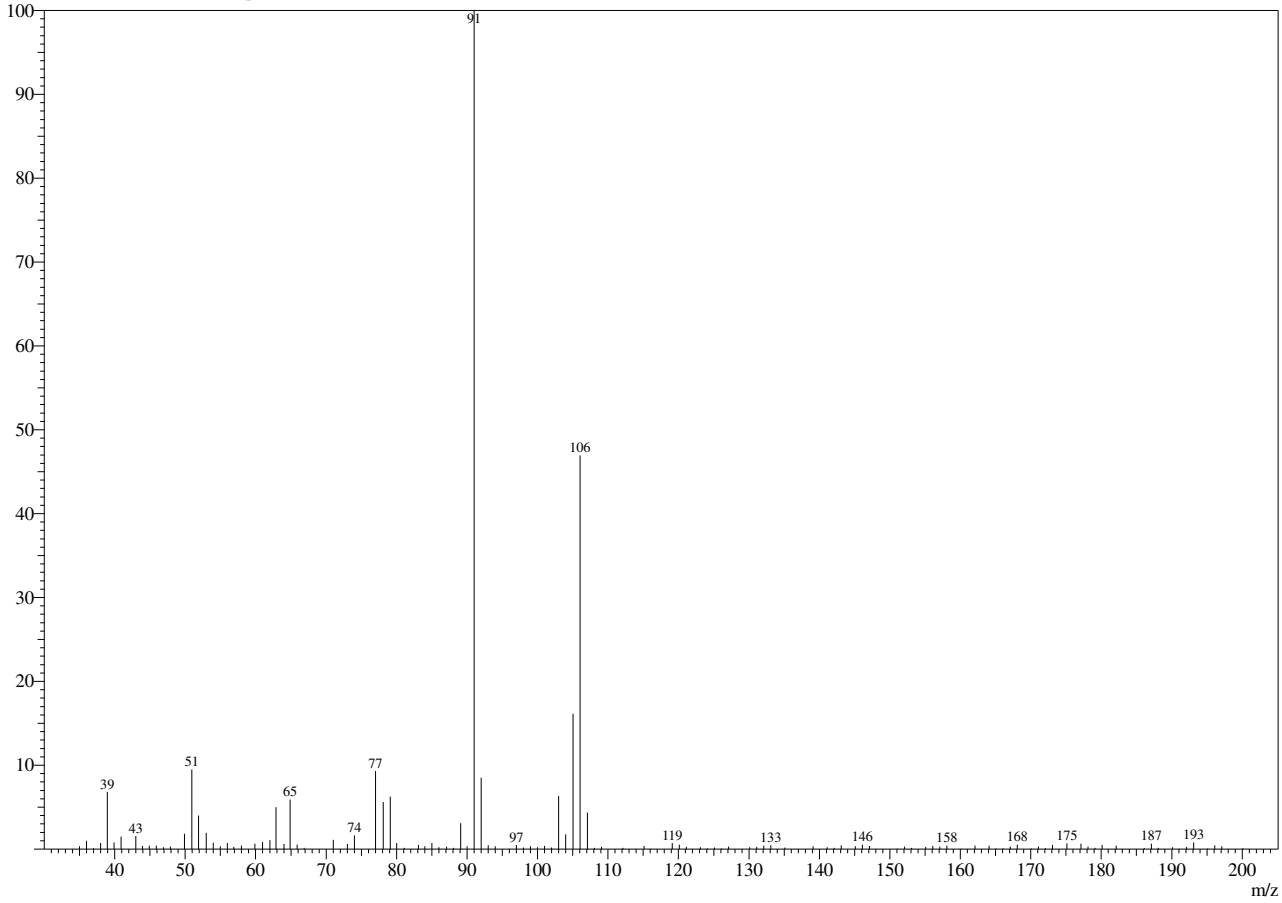



Mass Table
Peak#:3 R.Time:5.560(Scan#:1013)
MassPeaks:95
Group 1 - Event 1 Scan

| # | m/z | Rel. Int. | # | m/z | Rel. Int. | # | m/z | Rel. Int. | # | m/z | Rel. Int. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 36.00 | 0.03 | 25 | 74.00 | 0.29 | 49 | 104.00 | 2.80 | 73 | 159.10 | 0.03 |
| 2 | 37.00 | 0.26 | 26 | 75.00 | 0.53 | 50 | 105.05 | 18.86 | 74 | 160.10 | 0.11 |
| 3 | 37.90 | 0.55 | 27 | 76.00 | 0.98 | 51 | 106.05 | 54.27 | 75 | 162.10 | 0.16 |
| 4 | 38.95 | 7.81 | 28 | 76.95 | 9.86 | 52 | 107.10 | 3.85 | 76 | 163.10 | 0.11 |
| 5 | 40.00 | 1.24 | 29 | 77.95 | 5.20 | 53 | 108.10 | 0.18 | 77 | 167.10 | 0.18 |
| 6 | 40.90 | 0.45 | 30 | 78.95 | 6.01 | 54 | 110.10 | 0.03 | 78 | 168.10 | 0.11 |
| 7 | 42.00 | 0.16 | 31 | 80.00 | 0.29 | 55 | 115.10 | 0.05 | 79 | 169.10 | 0.13 |
| 8 | 42.90 | 0.05 | 32 | 83.00 | 0.05 | 56 | 116.10 | 0.11 | 80 | 171.10 | 0.40 |
| 9 | 45.00 | 0.03 | 33 | 84.00 | 0.32 | 57 | 117.10 | 0.16 | 81 | 174.10 | 0.21 |
| 10 | 49.00 | 0.42 | 34 | 85.00 | 0.11 | 58 | 118.10 | 0.11 | 82 | 175.10 | 0.03 |
| 11 | 49.90 | 2.37 | 35 | 86.00 | 0.37 | 59 | 120.10 | 0.03 | 83 | 177.10 | 0.24 |
| 12 | 50.95 | 8.31 | 36 | 87.00 | 0.71 | 60 | 121.10 | 0.11 | 84 | 178.10 | 0.11 |
| 13 | 52.00 | 4.14 | 37 | 88.00 | 0.08 | 61 | 124.10 | 0.32 | 85 | 180.10 | 0.08 |
| 14 | 53.00 | 2.19 | 38 | 89.00 | 1.71 | 62 | 125.10 | 0.11 | 86 | 182.10 | 0.32 |
| 15 | 54.00 | 0.21 | 39 | 90.00 | 0.98 | 63 | 126.10 | 0.11 | 87 | 183.10 | 0.18 |
| 16 | 57.00 | 0.08 | 40 | 91.00 | 100.00 | 64 | 133.10 | 0.21 | 88 | 184.10 | 0.11 |
| 17 | 58.00 | 0.03 | 41 | 92.00 | 7.91 | 65 | 134.10 | 0.08 | 89 | 188.10 | 0.16 |
| 18 | 61.00 | 0.55 | 42 | 93.00 | 0.47 | 66 | 138.10 | 0.13 | 90 | 190.10 | 0.03 |
| 19 | 62.00 | 1.82 | 43 | 94.00 | 0.34 | 67 | 143.10 | 0.08 | 91 | 192.10 | 0.11 |
| 20 | 63.00 | 4.85 | 44 | 97.00 | 0.05 | 68 | 144.10 | 0.18 | 92 | 193.10 | 0.03 |
| 21 | 64.00 | 0.92 | 45 | 98.00 | 0.24 | 69 | 145.10 | 0.05 | 93 | 196.10 | 0.29 |
| 22 | 65.00 | 6.12 | 46 | 99.00 | 0.21 | 70 | 147.10 | 0.11 | 94 | 197.10 | 0.32 |
| 23 | 66.00 | 1.16 | 47 | 102.00 | 0.66 | 71 | 150.10 | 0.32 | 95 | 198.10 | 0.03 |
| 24 | 69.00 | 0.32 | 48 | 103.05 | 5.43 | 72 | 152.10 | 0.29 | | | |

Spectrum

Peak#:4 R.Time:6.172(Scan#:1135)
MassPeaks:122
RawMode:Averaged 6.165-6.175(1134-1136)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

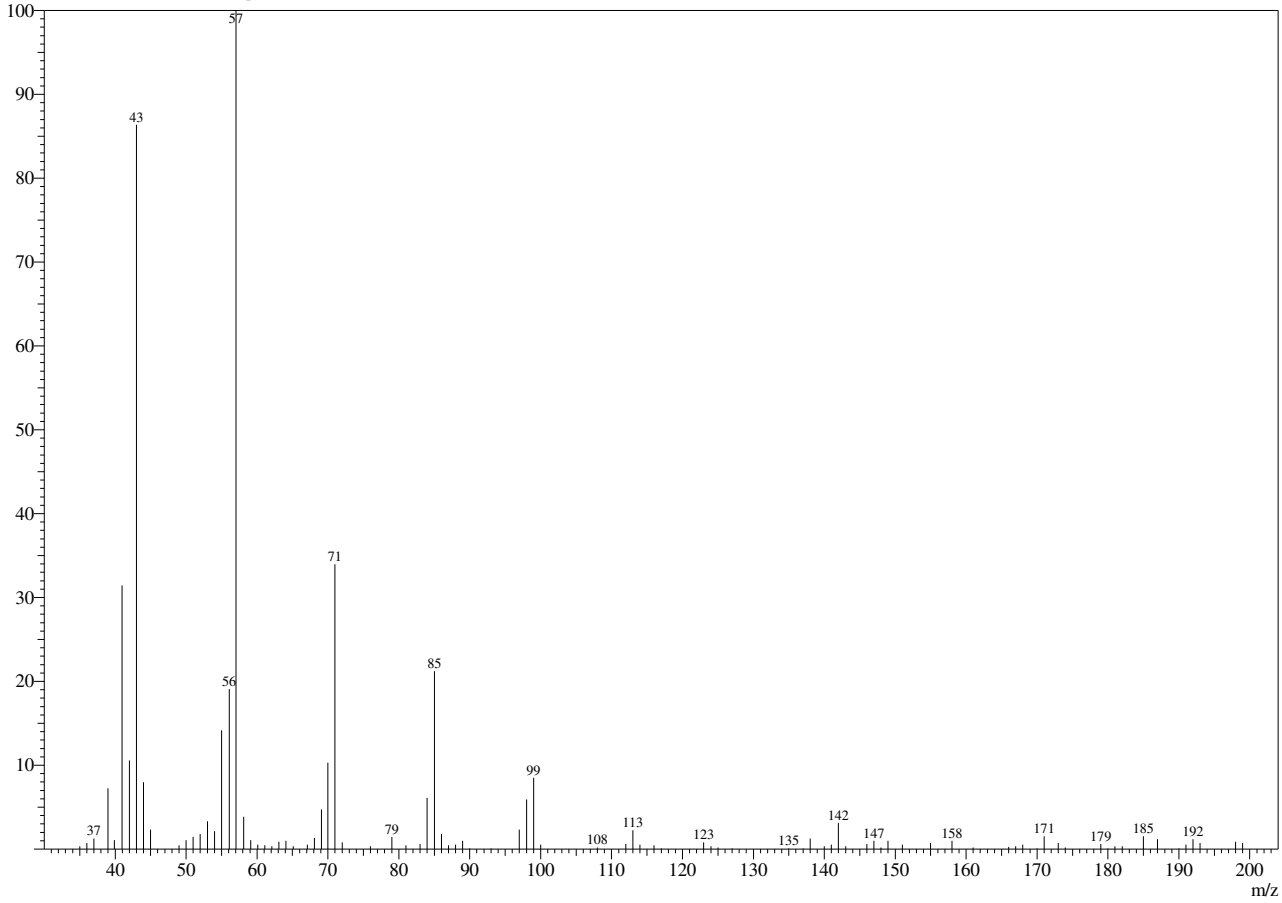



Mass Table
Peak#:4 R.Time:6.170(Scan#:1135)
MassPeaks:122
Group 1 - Event 1 Scan

| # | m/z | Rel. Int. | # | m/z | Rel. Int. | # | m/z | Rel. Int. | # | m/z | Rel. Int. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 35.00 | 0.34 | 32 | 73.00 | 0.61 | 63 | 108.10 | 0.15 | 94 | 158.10 | 0.42 |
| 2 | 36.00 | 1.00 | 33 | 74.00 | 1.65 | 64 | 109.10 | 0.27 | 95 | 160.10 | 0.04 |
| 3 | 37.00 | 0.11 | 34 | 77.00 | 9.30 | 65 | 112.10 | 0.15 | 96 | 162.10 | 0.42 |
| 4 | 38.00 | 0.73 | 35 | 78.10 | 5.63 | 66 | 115.10 | 0.38 | 97 | 164.10 | 0.42 |
| 5 | 38.95 | 6.85 | 36 | 79.10 | 6.28 | 67 | 116.10 | 0.04 | 98 | 165.10 | 0.08 |
| 6 | 39.90 | 0.80 | 37 | 80.00 | 0.73 | 68 | 119.10 | 0.73 | 99 | 166.10 | 0.08 |
| 7 | 40.90 | 1.49 | 38 | 81.10 | 0.15 | 69 | 120.10 | 0.54 | 100 | 167.10 | 0.31 |
| 8 | 43.00 | 1.57 | 39 | 83.10 | 0.50 | 70 | 121.10 | 0.27 | 101 | 168.10 | 0.54 |
| 9 | 43.95 | 0.38 | 40 | 84.00 | 0.34 | 71 | 123.10 | 0.23 | 102 | 170.10 | 0.08 |
| 10 | 44.90 | 0.42 | 41 | 85.00 | 0.73 | 72 | 124.10 | 0.08 | 103 | 171.10 | 0.31 |
| 11 | 45.90 | 0.42 | 42 | 86.00 | 0.23 | 73 | 125.10 | 0.19 | 104 | 172.10 | 0.11 |
| 12 | 46.90 | 0.23 | 43 | 87.10 | 0.31 | 74 | 126.10 | 0.08 | 105 | 173.10 | 0.50 |
| 13 | 47.90 | 0.31 | 44 | 88.10 | 0.15 | 75 | 127.10 | 0.31 | 106 | 175.10 | 0.69 |
| 14 | 49.90 | 1.84 | 45 | 89.10 | 3.10 | 76 | 130.10 | 0.23 | 107 | 177.10 | 0.65 |
| 15 | 50.95 | 9.49 | 46 | 90.00 | 0.34 | 77 | 131.10 | 0.27 | 108 | 178.10 | 0.31 |
| 16 | 51.90 | 4.02 | 47 | 91.00 | 100.00 | 78 | 132.10 | 0.42 | 109 | 179.10 | 0.15 |
| 17 | 53.00 | 1.95 | 48 | 92.00 | 8.50 | 79 | 133.10 | 0.46 | 110 | 180.10 | 0.50 |
| 18 | 54.00 | 0.77 | 49 | 93.00 | 0.46 | 80 | 135.10 | 0.19 | 111 | 182.10 | 0.42 |
| 19 | 55.00 | 0.34 | 50 | 94.00 | 0.34 | 81 | 139.10 | 0.34 | 112 | 186.10 | 0.11 |
| 20 | 56.00 | 0.73 | 51 | 96.00 | 0.04 | 82 | 141.10 | 0.23 | 113 | 187.10 | 0.65 |
| 21 | 56.90 | 0.27 | 52 | 97.00 | 0.50 | 83 | 142.10 | 0.15 | 114 | 188.10 | 0.15 |
| 22 | 58.00 | 0.42 | 53 | 98.00 | 0.19 | 84 | 143.10 | 0.46 | 115 | 190.10 | 0.23 |
| 23 | 59.90 | 0.65 | 54 | 99.00 | 0.34 | 85 | 145.10 | 0.34 | 116 | 191.10 | 0.04 |
| 24 | 61.00 | 0.84 | 55 | 100.00 | 0.23 | 86 | 146.10 | 0.54 | 117 | 192.10 | 0.27 |
| 25 | 62.00 | 1.07 | 56 | 101.00 | 0.38 | 87 | 147.10 | 0.38 | 118 | 193.10 | 0.80 |
| 26 | 62.90 | 5.01 | 57 | 102.00 | 0.19 | 88 | 151.10 | 0.04 | 119 | 195.10 | 0.08 |
| 27 | 64.00 | 0.61 | 58 | 103.00 | 6.35 | 89 | 152.10 | 0.31 | 120 | 196.10 | 0.46 |
| 28 | 64.90 | 5.93 | 59 | 104.00 | 1.76 | 90 | 153.10 | 0.15 | 121 | 197.10 | 0.34 |
| 29 | 65.90 | 0.54 | 60 | 105.05 | 16.15 | 91 | 155.10 | 0.27 | 122 | 200.10 | 0.11 |
| 30 | 66.90 | 0.15 | 61 | 106.05 | 46.96 | 92 | 156.10 | 0.38 | | | |
| 31 | 71.00 | 1.11 | 62 | 107.10 | 4.36 | 93 | 157.10 | 0.31 | | | |

Spectrum

Peak#:5 R.Time:9.325(Scan#:1766)
MassPeaks:93
RawMode:Averaged 9.320-9.330(1765-1767)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan




Mass Table
Peak#:5 R.Time:9.325(Scan#:1766)
MassPeaks:93
Group 1 - Event 1 Scan

| # | m/z | Rel. Int. | # | m/z | Rel. Int. | # | m/z | Rel. Int. | # | m/z | Rel. Int. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 35.00 | 0.36 | 25 | 63.10 | 0.90 | 49 | 100.00 | 0.54 | 73 | 158.00 | 0.99 |
| 2 | 36.00 | 0.72 | 26 | 64.10 | 0.99 | 50 | 108.00 | 0.18 | 74 | 161.00 | 0.18 |
| 3 | 37.00 | 1.25 | 27 | 65.10 | 0.36 | 51 | 112.00 | 0.63 | 75 | 166.00 | 0.27 |
| 4 | 39.00 | 7.26 | 28 | 67.10 | 0.54 | 52 | 113.00 | 2.24 | 76 | 167.00 | 0.36 |
| 5 | 39.90 | 1.08 | 29 | 68.10 | 1.34 | 53 | 114.00 | 0.54 | 77 | 168.00 | 0.54 |
| 6 | 40.95 | 31.45 | 30 | 69.10 | 4.75 | 54 | 116.00 | 0.45 | 78 | 170.00 | 0.09 |
| 7 | 42.00 | 10.57 | 31 | 70.00 | 10.30 | 55 | 117.00 | 0.09 | 79 | 171.00 | 1.52 |
| 8 | 43.00 | 86.38 | 32 | 71.00 | 33.96 | 56 | 123.00 | 0.81 | 80 | 173.00 | 0.72 |
| 9 | 44.00 | 7.97 | 33 | 72.00 | 0.81 | 57 | 124.00 | 0.36 | 81 | 174.00 | 0.18 |
| 10 | 45.00 | 2.33 | 34 | 76.00 | 0.36 | 58 | 125.00 | 0.18 | 82 | 179.00 | 0.63 |
| 11 | 49.00 | 0.45 | 35 | 79.00 | 1.43 | 59 | 127.00 | 0.09 | 83 | 180.00 | 0.09 |
| 12 | 50.00 | 1.08 | 36 | 81.00 | 0.45 | 60 | 135.00 | 0.09 | 84 | 181.00 | 0.36 |
| 13 | 51.00 | 1.43 | 37 | 83.00 | 0.63 | 61 | 137.00 | 0.09 | 85 | 182.00 | 0.36 |
| 14 | 52.00 | 1.79 | 38 | 84.00 | 6.09 | 62 | 138.00 | 1.25 | 86 | 185.00 | 1.52 |
| 15 | 53.00 | 3.32 | 39 | 85.00 | 21.24 | 63 | 140.00 | 0.36 | 87 | 187.00 | 1.16 |
| 16 | 54.00 | 2.15 | 40 | 86.00 | 1.79 | 64 | 141.00 | 0.54 | 88 | 190.00 | 0.09 |
| 17 | 55.00 | 14.16 | 41 | 87.00 | 0.45 | 65 | 142.00 | 3.14 | 89 | 191.00 | 0.54 |
| 18 | 56.10 | 19.09 | 42 | 88.00 | 0.54 | 66 | 143.00 | 0.36 | 90 | 192.00 | 1.16 |
| 19 | 57.05 | 100.00 | 43 | 89.00 | 0.99 | 67 | 146.00 | 0.63 | 91 | 193.00 | 0.72 |
| 20 | 58.10 | 3.85 | 44 | 90.00 | 0.09 | 68 | 147.00 | 0.99 | 92 | 198.00 | 0.90 |
| 21 | 59.10 | 1.08 | 45 | 93.00 | 0.09 | 69 | 148.00 | 0.18 | 93 | 199.00 | 0.72 |
| 22 | 60.10 | 0.54 | 46 | 97.00 | 2.33 | 70 | 149.00 | 0.99 | | | |
| 23 | 61.10 | 0.45 | 47 | 98.00 | 5.91 | 71 | 151.00 | 0.54 | | | |
| 24 | 62.10 | 0.36 | 48 | 99.00 | 8.51 | 72 | 155.00 | 0.72 | | | |

Library

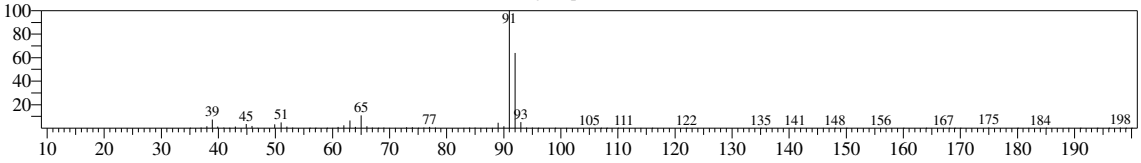
<< Target >>

Line#:1 R.Time:3.360(Scan#:573) MassPeaks:85

RawMode:Averaged 3.355-3.365(572-574) BasePeak:91.00(4036)

BG Mode:Calc. from Peak Group 1 - Event 1 Scan

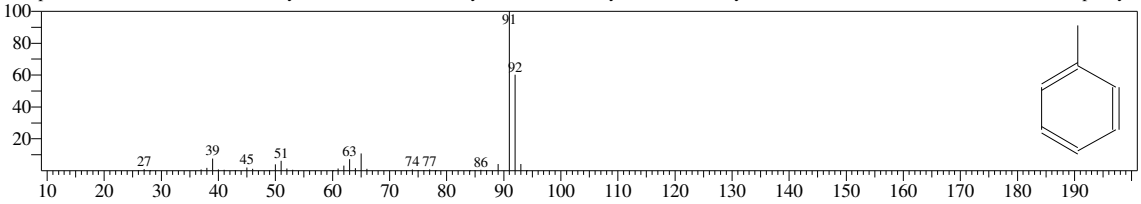
Target Spectrum




Hit#:1 Entry:1275 Library:NIST14s.lib

SI:97 Formula:C7H8 CAS:108-88-3 MolWeight:92 RetIndex:794

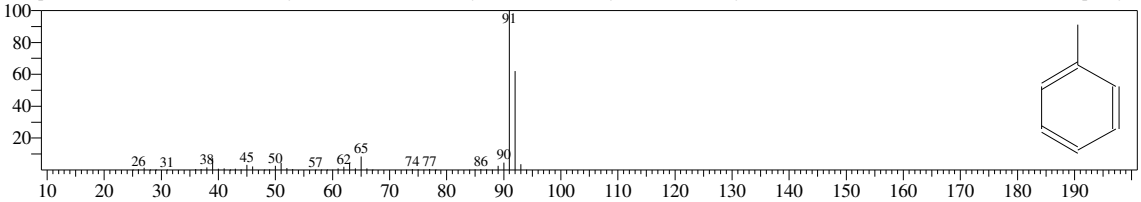
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-




Hit#:2 Entry:1273 Library:NIST14s.lib

SI:97 Formula:C7H8 CAS:108-88-3 MolWeight:92 RetIndex:794

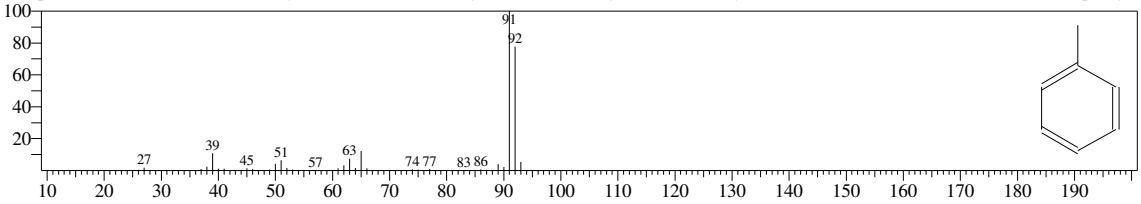
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-




Hit#:3 Entry:1224 Library:NIST14.lib

SI:95 Formula:C7H8 CAS:108-88-3 MolWeight:92 RetIndex:794

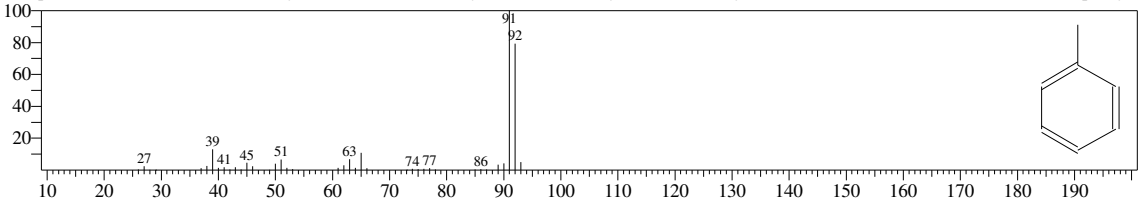
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-




Hit#:4 Entry:1267 Library:NIST14s.lib

SI:95 Formula:C7H8 CAS:108-88-3 MolWeight:92 RetIndex:794

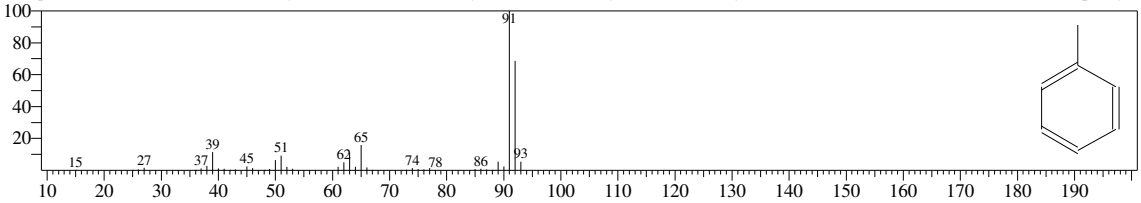
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-




Hit#:5 Entry:1274 Library:NIST14s.lib

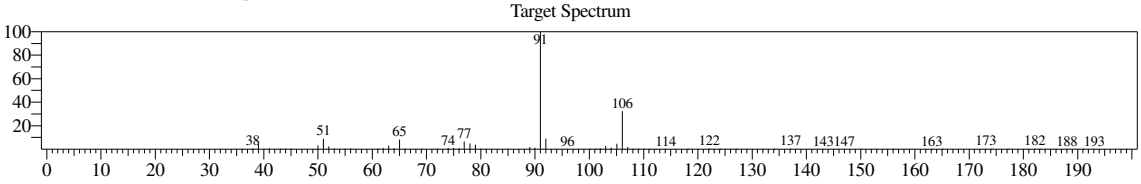
SI:95 Formula:C7H8 CAS:108-88-3 MolWeight:92 RetIndex:794

CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-

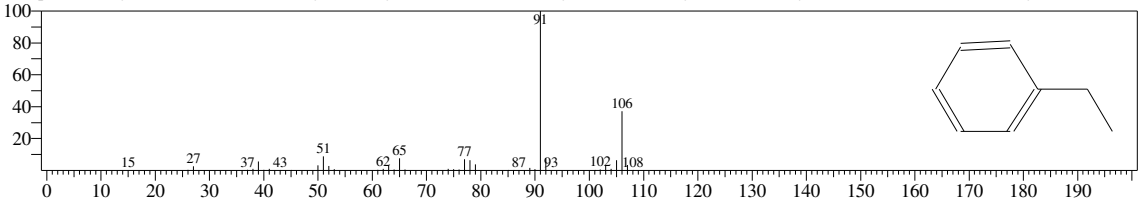


<< Target >>
Line#:2 R.Time:5.365(Scan#:974) MassPeaks:88
RawMode:Averaged 5.360-5.370(973-975) BasePeak:91.00(3278)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

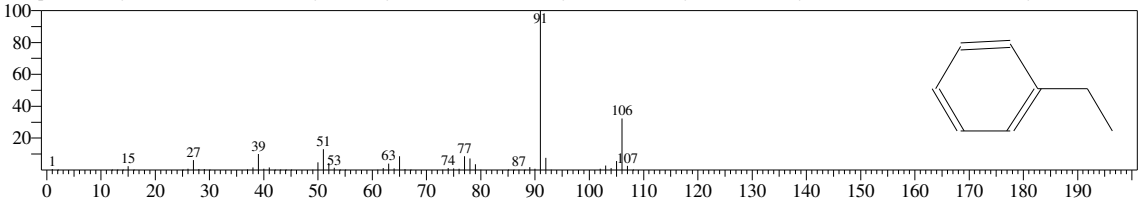
Target Spectrum



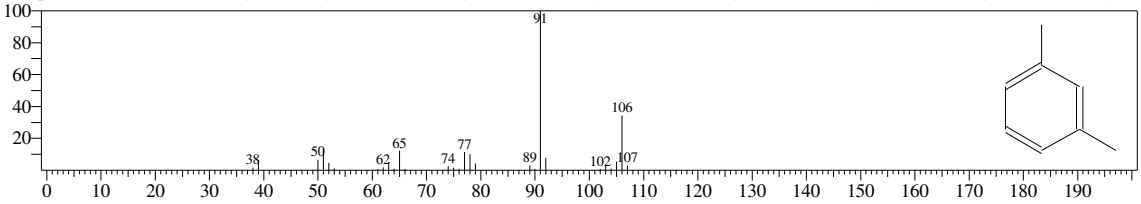

Hit#:1 Entry:2463 Library:NIST14s.lib
SI:96 Formula:C8H10 CAS:100-41-4 MolWeight:106 RetIndex:893
CompName:Ethylbenzene $$ Benzene, ethyl- $$ Ethylbenzol $$ EB $$ Phenylethane $$ Aethylbenzol $$ Ethylbenzeen $$ Etilbenzene $$ Etylobenzen $$ N



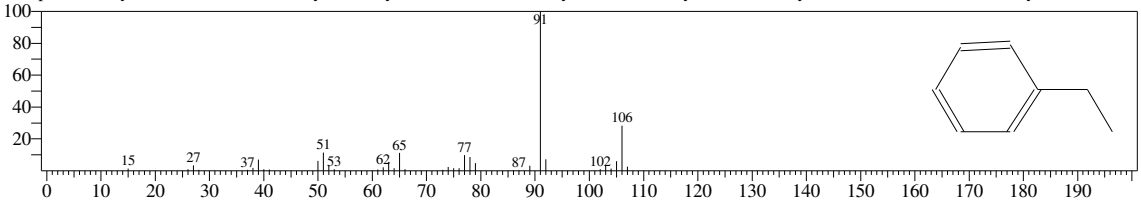

Hit#:2 Entry:2461 Library:NIST14s.lib
SI:95 Formula:C8H10 CAS:100-41-4 MolWeight:106 RetIndex:893
CompName:Ethylbenzene $$ Benzene, ethyl- $$ Ethylbenzol $$ EB $$ Phenylethane $$ Aethylbenzol $$ Ethylbenzeen $$ Etilbenzene $$ Etylobenzen $$ N



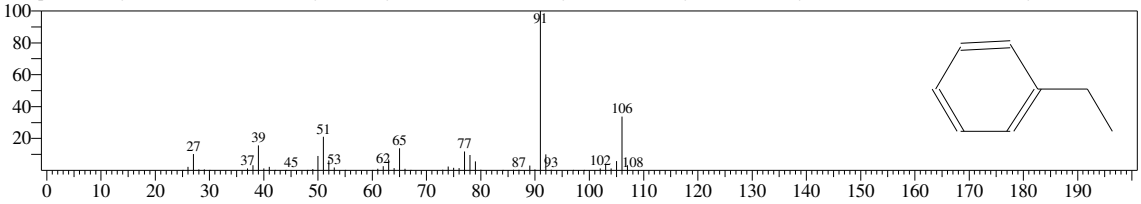

Hit#:3 Entry:2464 Library:NIST14s.lib
SI:93 Formula:C8H10 CAS:108-38-3 MolWeight:106 RetIndex:907
CompName:Benzene, 1,3-dimethyl- $$ m-Xylene $$ m-Dimethylbenzene $$ m-Xylol $$ 1,3-Dimethylbenzene $$ 1,3-Xylene $$ 2,4-Xylene $$ m-Methyltol




Hit#:4 Entry:2723 Library:NIST14.lib
SI:93 Formula:C8H10 CAS:100-41-4 MolWeight:106 RetIndex:893
CompName:Ethylbenzene $$ Benzene, ethyl- $$ Ethylbenzol $$ EB $$ Phenylethane $$ Aethylbenzol $$ Ethylbenzeen $$ Etilbenzene $$ Etylobenzen $$ N

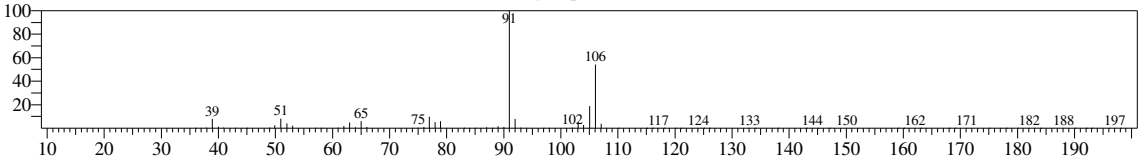



Hit#:5 Entry:2462 Library:NIST14s.lib
SI:91 Formula:C8H10 CAS:100-41-4 MolWeight:106 RetIndex:893
CompName:Ethylbenzene $$ Benzene, ethyl- $$ Ethylbenzol $$ EB $$ Phenylethane $$ Aethylbenzol $$ Ethylbenzeen $$ Etilbenzene $$ Etylobenzen $$ N

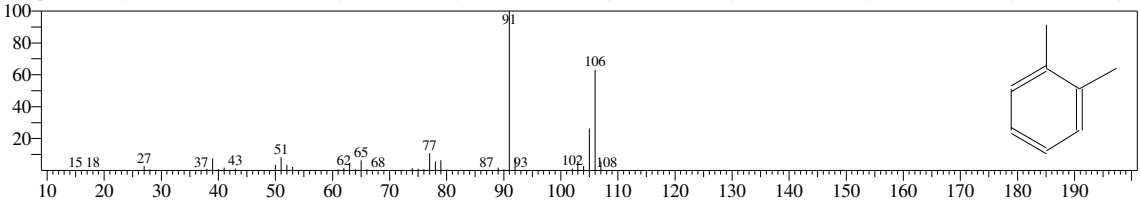


<< Target >>
Line#:3 R.Time:5.560(Scan#:1013) MassPeaks:95
RawMode:Averaged 5.555-5.565(1012-1014) BasePeak:91.00(3792)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

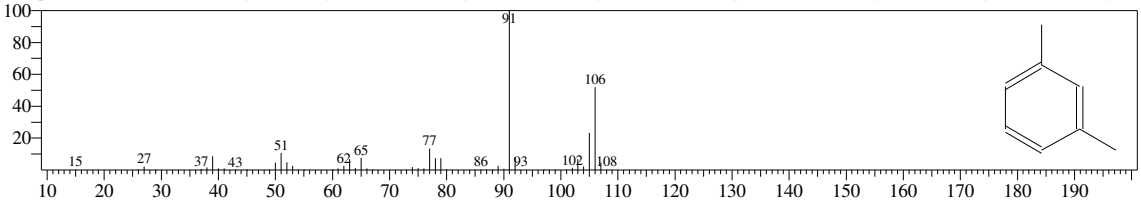
Target Spectrum



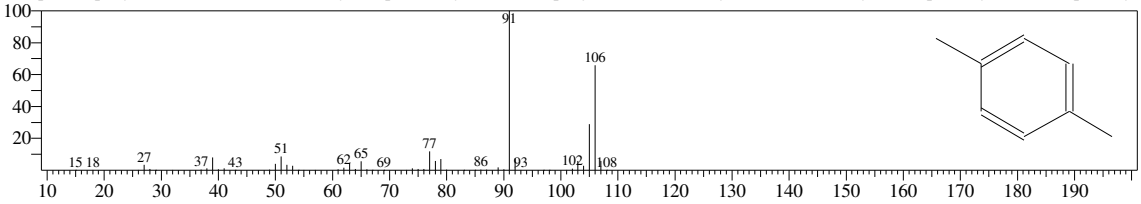

Hit#:1 Entry:2478 Library:NIST14s.lib
SI:96 Formula:C8H10 CAS:95-47-6 MolWeight:106 RetIndex:907
CompName:o-Xylene $$ Benzene, 1,2-dimethyl- $$ o-Dimethylbenzene $$ o-Methyltoluene $$ o-Xylol $$ 1,2-Dimethylbenzene $$ 1,2-Xylene $$ 3,4-Xyle



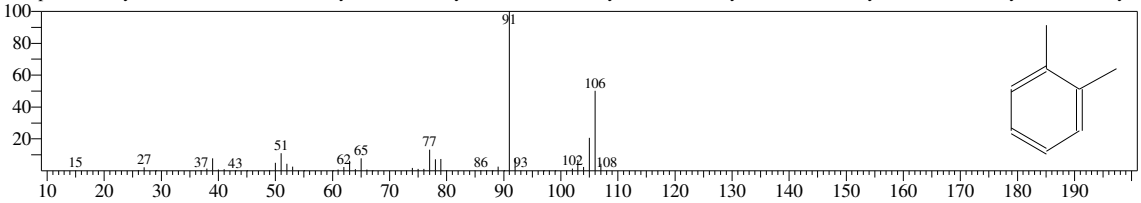

Hit#:2 Entry:2725 Library:NIST14.lib
SI:96 Formula:C8H10 CAS:108-38-3 MolWeight:106 RetIndex:907
CompName:Benzene, 1,3-dimethyl- $$ m-Xylene $$ m-Dimethylbenzene $$ m-Xylol $$ 1,3-Dimethylbenzene $$ 1,3-Xylene $$ 2,4-Xylene $$ m-Methyltol



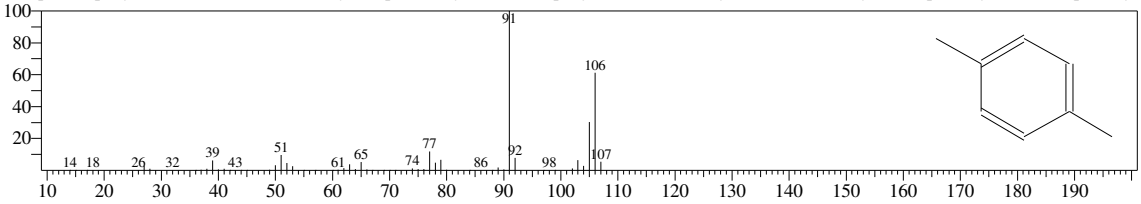

Hit#:3 Entry:2726 Library:NIST14.lib
SI:96 Formula:C8H10 CAS:106-42-3 MolWeight:106 RetIndex:907
CompName:p-Xylene $$ Benzene, 1,4-dimethyl- $$ p-Dimethylbenzene $$ p-Xylol $$ 1,4-Dimethylbenzene $$ 1,4-Xylene $$ p-Methyltoluene $$ para-Xyl




Hit#:4 Entry:2727 Library:NIST14.lib
SI:96 Formula:C8H10 CAS:95-47-6 MolWeight:106 RetIndex:907
CompName:o-Xylene $$ Benzene, 1,2-dimethyl- $$ o-Dimethylbenzene $$ o-Methyltoluene $$ o-Xylol $$ 1,2-Dimethylbenzene $$ 1,2-Xylene $$ 3,4-Xyle

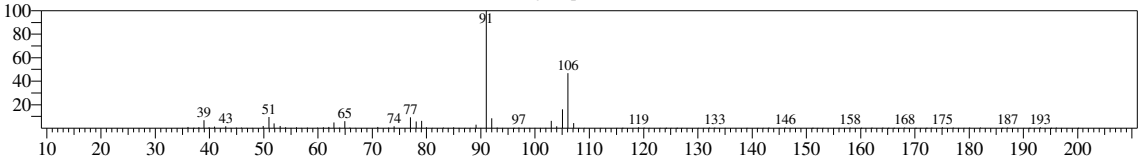



Hit#:5 Entry:2470 Library:NIST14s.lib
SI:96 Formula:C8H10 CAS:106-42-3 MolWeight:106 RetIndex:907
CompName:p-Xylene $$ Benzene, 1,4-dimethyl- $$ p-Dimethylbenzene $$ p-Xylol $$ 1,4-Dimethylbenzene $$ 1,4-Xylene $$ p-Methyltoluene $$ para-Xyl

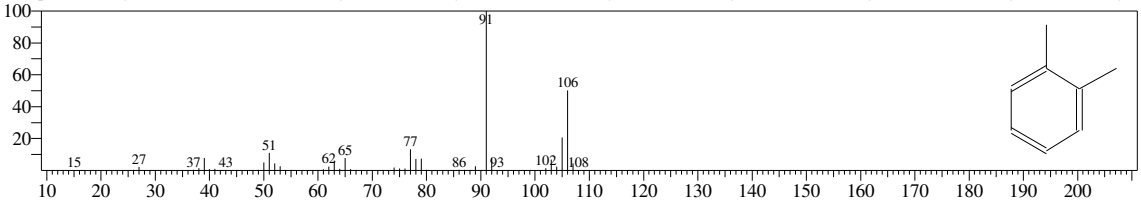


<< Target >>
Line#:4 R.Time:6.170(Scan#:1135) MassPeaks:122
RawMode:Averaged 6.165-6.175(1134-1136) BasePeak:91.00(2613)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

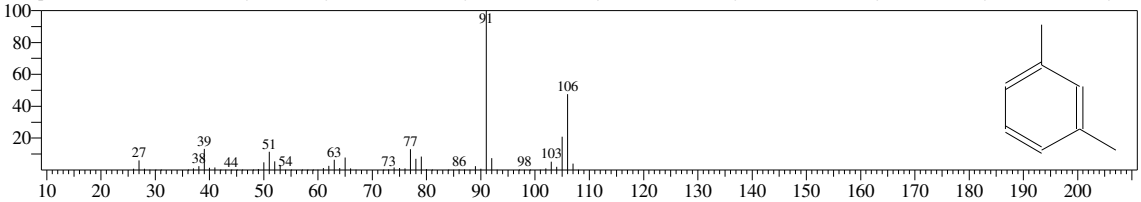
Target Spectrum



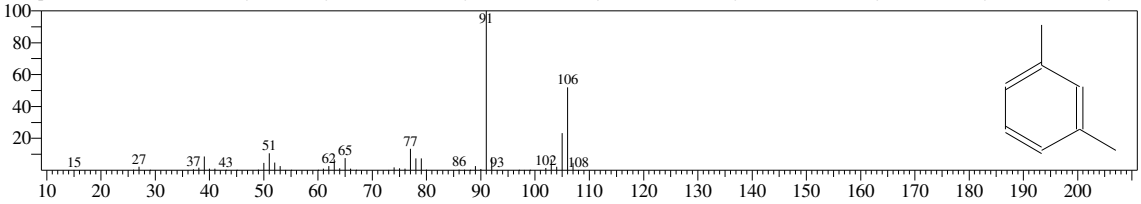

Hit#:1 Entry:2727 Library:NIST14.lib
SI:94 Formula:C8H10 CAS:95-47-6 MolWeight:106 RetIndex:907
CompName:o-Xylene $$ Benzene, 1,2-dimethyl- $$ o-Dimethylbenzene $$ o-Methyltoluene $$ o-Xylol $$ 1,2-Dimethylbenzene $$ 1,2-Xylene $$ 3,4-Xyle



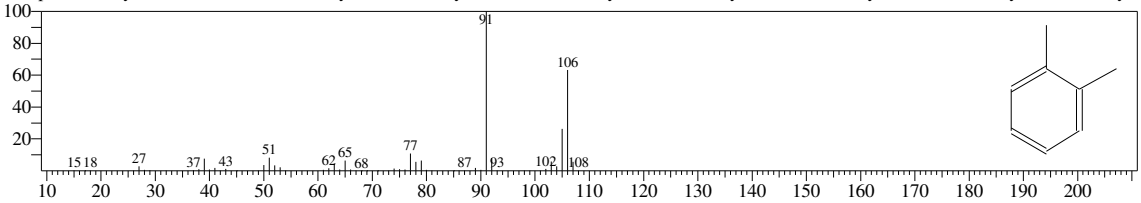

Hit#:2 Entry:2466 Library:NIST14s.lib
SI:93 Formula:C8H10 CAS:108-38-3 MolWeight:106 RetIndex:907
CompName:Benzene, 1,3-dimethyl- $$ m-Xylene $$ m-Dimethylbenzene $$ m-Xylol $$ 1,3-Dimethylbenzene $$ 1,3-Xylene $$ 2,4-Xylene $$ m-Methyltol



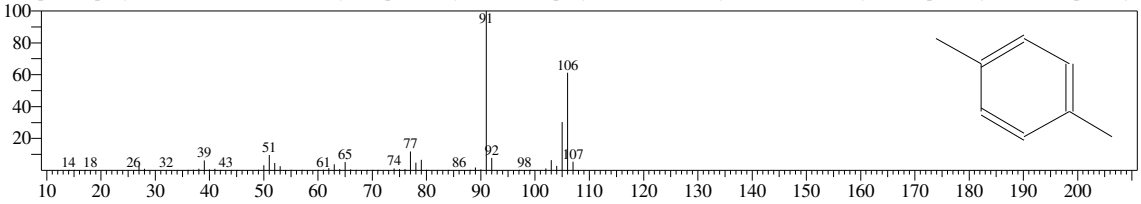

Hit#:3 Entry:2725 Library:NIST14.lib
SI:93 Formula:C8H10 CAS:108-38-3 MolWeight:106 RetIndex:907
CompName:Benzene, 1,3-dimethyl- $$ m-Xylene $$ m-Dimethylbenzene $$ m-Xylol $$ 1,3-Dimethylbenzene $$ 1,3-Xylene $$ 2,4-Xylene $$ m-Methyltol




Hit#:4 Entry:2478 Library:NIST14s.lib
SI:93 Formula:C8H10 CAS:95-47-6 MolWeight:106 RetIndex:907
CompName:o-Xylene $$ Benzene, 1,2-dimethyl- $$ o-Dimethylbenzene $$ o-Methyltoluene $$ o-Xylol $$ 1,2-Dimethylbenzene $$ 1,2-Xylene $$ 3,4-Xyle

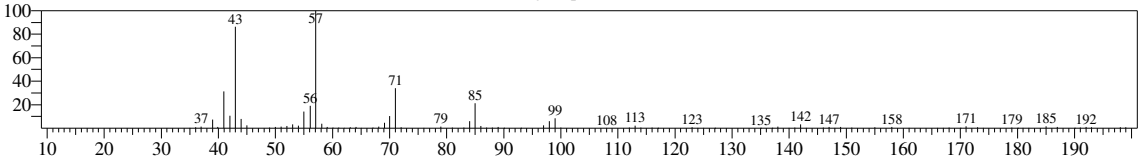



Hit#:5 Entry:2470 Library:NIST14s.lib
SI:93 Formula:C8H10 CAS:106-42-3 MolWeight:106 RetIndex:907
CompName:p-Xylene $$ Benzene, 1,4-dimethyl- $$ p-Dimethylbenzene $$ p-Xylol $$ 1,4-Dimethylbenzene $$ 1,4-Xylene $$ p-Methyltoluene $$ para-Xyl

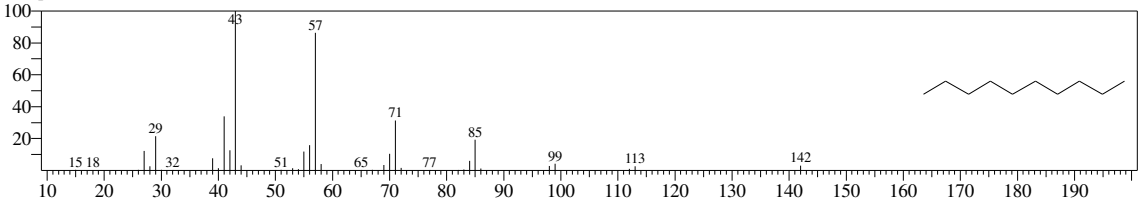


<< Target >>
Line#:5 R.Time:9.325(Scan#:1766) MassPeaks:93
RawMode:Averaged 9.320-9.330(1765-1767) BasePeak:57.05(1116)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

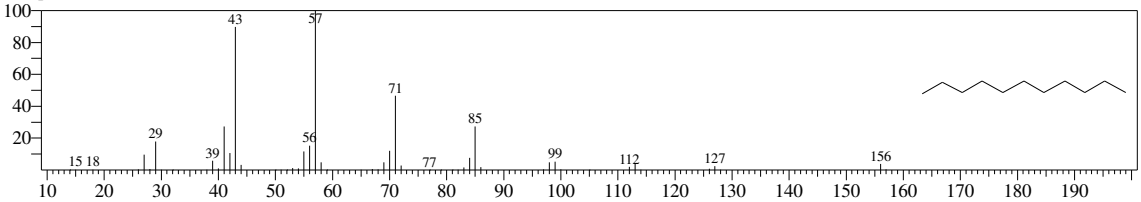
Target Spectrum



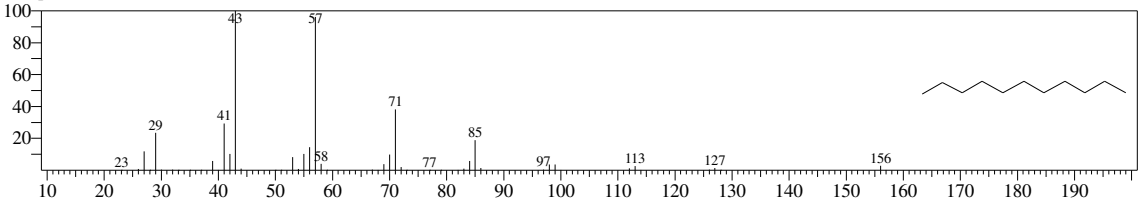

Hit#:1 Entry:7907 Library:NIST14s.lib
SI:92 Formula:C10H22 CAS:124-18-5 MolWeight:142 RetIndex:1015
CompName:Decane $$ n-Decane $$ n-C10H22 $$ UN 2247 $$



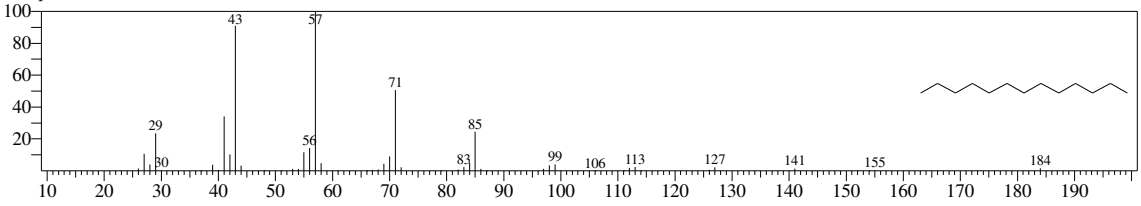

Hit#:2 Entry:19287 Library:NIST14.lib
SI:91 Formula:C11H24 CAS:1120-21-4 MolWeight:156 RetIndex:1115
CompName:Undecane $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330 $$




Hit#:3 Entry:10781 Library:NIST14s.lib
SI:91 Formula:C11H24 CAS:1120-21-4 MolWeight:156 RetIndex:1115
CompName:Undecane $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330 $$




Hit#:4 Entry:36063 Library:NIST14.lib
SI:91 Formula:C13H28 CAS:629-50-5 MolWeight:184 RetIndex:1313
CompName:Tridecane $$ n-Tridecane $$ Tridecane, n- $$




Hit#:5 Entry:10790 Library:NIST14s.lib
SI:91 Formula:C11H24 CAS:1120-21-4 MolWeight:156 RetIndex:1115
CompName:Undecane $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330 $$