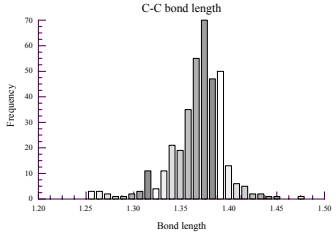
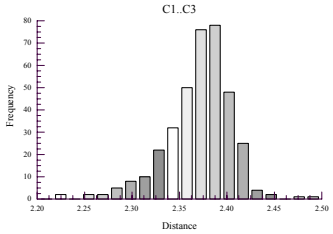
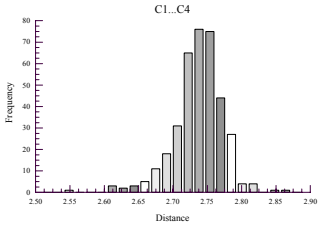
Solvent Table C_6H_6

Information Benzene
Formula C_6H_6 weight 78.11 amu
H_3C-OH

	Determined	Ideal
C1-C2	1.367 (40)	1.39
C1..C3	2.369 (55)	2.42
C1...C4	2.737 (51)	2.80







Cambridge Crystallographic DataBase 5.24 April 2003.
Temperature < -90C, no disorder, no errors, R < 5%

C1-C2
Data 376, Minimum value: 1.116, Maximum value: 1.539, Median: 1.371, Arithmetic mean: 1.367, Geometric mean: 1.366, Quadratic mean: 1.367, Harmonic mean: 1.366, Absolute mean: 1.367, Variance: 0.0016, Standard deviation: 0.040, Absolute deviation: 0.024, Standard error: 0.0020, Skewness: -1.705

C1..C3
Data 376, Minimum value: 1.981, Maximum value: 2.720, Median: 2.375, Arithmetic mean: 2.369, Geometric mean: 2.369, Quadratic mean: 2.370, Harmonic mean: 2.368, Absolute mean: 2.369, Variance: 0.0030, Standard deviation: 0.055, Absolute deviation: 0.031, Standard error: 0.0029, Skewness: -0.910

C1... C4
Data 376, Minimum value: 2.273, Maximum value: 3.061, Median: 2.739, Arithmetic mean: 2.737, Geometric mean: 2.737, Quadratic mean: 2.738, Harmonic mean: 2.736, Absolute mean: 2.737, Variance: 0.0026, Standard deviation: 0.051, Absolute deviation: 0.030, Standard error: 0.0026, Skewness: -1.716

Orthogonal Coordinates

C1	-0.1740	1.3891	0.0000	H1	-0.3107	2.4837	0.0000
C2	-1.2902	0.5437	0.0000	H2	-2.3068	0.9721	0.0000
C3	-1.1161	-0.8453	0.0000	H3	-1.9955	-1.5113	0.0000
C4	0.1741	-1.3894	0.0000	H4	0.3112	-2.4839	0.0000
C5	1.2900	-0.5442	0.0000	H5	2.3065	-0.9727	0.0000
C6	1.1160	0.8452	0.0000	H6	1.9948	1.5119	0.0000