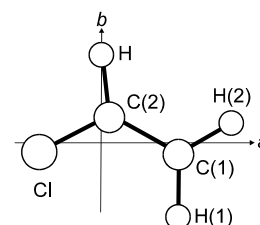


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MW C_2H_3Cl **Vinyl chloride**
Chloroethylene
Chloroethene C_s 

r_0	Å	θ_0	deg
C(2)–Cl	1.733(7)	C–C–Cl	122.6(2)
C=C	1.331(8)	C(1)–C(2)–H	123.7(9)
C(2)–H	1.078(1)	C(2)–C(1)–H(2)	118.8(5)
C(1)–H(2)	1.082(6)	C(2)–C(1)–H(1)	121.1(6)
C(1)–H(1)	1.084(3)		

r_{Ic}	Å	θ_{Ic}	deg
C(2)–Cl	1.7281(7)	C–C–Cl	122.83(3)
C=C	1.3295(6)	C(1)–C(2)–H	123.20(7)
C(2)–H	1.0805(2)	C(2)–C(1)–H(2)	119.24(5)
C(1)–H(2)	1.0810(5)	C(2)–C(1)–H(1)	121.04(4)
C(1)–H(1)	1.0858(2)		

r_m^p	Å ^{a)}	θ_m^p	deg
C(2)–Cl	1.726(5)	C–C–Cl	122.7(5)
C=C	1.328(5)	C(1)–C(2)–H	123.6(5)
C(2)–H	1.085(5)	C(2)–C(1)–H(2)	118.9(5)
C(1)–H(2)	1.087(5)	C(2)–C(1)–H(1)	121.1(5)
C(1)–H(1)	1.091(5)		

^{a)} Uncertainties were not estimated in the original paper.Merke, I., Poteau, L., Włodarczyk, G., Bouddou, A., Demaison, J.: J. Mol. Spectrosc. **177** (1996) 232.[II/25B\(3, 649\)](#)