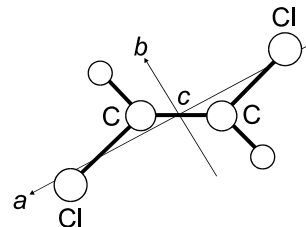
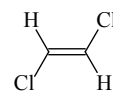


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IR $\text{C}_2\text{H}_2\text{Cl}_2$ *(E)*-1,2-Dichloroethene $\text{C}_{2h}$ 

$r_0$	$\text{\AA}^a$	$\theta_0$	$\text{deg}^a$
C–H	1.079(4)	C=C–H	124.6(5)
C=C	1.310(5)	C=C–Cl	119.8(4)
C–Cl	1.741(3)		

$r_s$	$\text{\AA}^a$	$\theta_s$	$\text{deg}^a$
C–H	1.078(4)	C=C–H	125.3(5)
C=C	1.305(5)	C=C–Cl	119.9(4)
C–Cl	1.740(3)		

Atom	$a_s [\text{\AA}]$	$b_s [\text{\AA}]$	$c_s [\text{\AA}]$
C	$\pm 0.4708$	$\pm 0.4515$	0.0
H	$\pm 0.3119$	$\pm 1.5179$	0.0
Cl	$\pm 2.1411$	$\mp 0.0363$	0.0

<sup>a</sup>) Costain values as uncertainties.

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Mellau, G.C.: J. Phys. Chem. A **102** (1998) 6745.

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