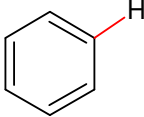
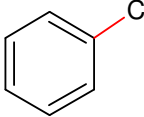
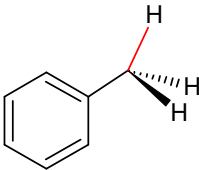
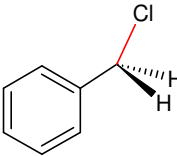
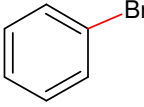


Bond Dissociation Energies (BDE)

Bond	D (kJ/mole)	Bond	D (kJ/mole)	Bond	D (kJ/mole)
H—H	436	(CH ₃) ₂ CH—H	401		464
H—F	570	(CH ₃) ₂ CH—Cl	339		
H—Cl	432	(CH ₃) ₂ CH—Br	274		
H—Br	366	(CH ₃) ₃ C—H	390		405
H—I	298	(CH ₃) ₃ C—Cl	330		
Cl—Cl	243	(CH ₃) ₃ C—Br	263		
Br—Br	193	CH ₂ =CH—H	444		368
I—I	151	CH ₂ =CH—Cl	368		
CH ₃ —H	438	CH ₂ =CHCH ₂ —H	361		
CH ₃ —Cl	351	CH ₂ =CHCH ₂ —Cl	289		
CH ₃ —Br	293	HC≡C—H	552		293
CH ₃ —I	234	CH ₃ —CH ₃	376		
CH ₃ —OH	380	C ₂ H ₅ —CH ₃	355		
C ₂ H ₅ —H	420	(CH ₃) ₂ CH—CH ₃	351		337
C ₂ H ₅ —Cl	338	(CH ₃) ₃ C—CH ₃	339		
C ₂ H ₅ —Br	285	CH ₂ =CH—CH ₃	406		
C ₂ H ₅ —I	222	CH ₂ =CH ₂	611	HO—H	498
C ₂ H ₅ —OH	380	CH ₃ CH ₂ O—CH ₃	339	HO—OH	213
C ₂ H ₅ O—H	436	CH ₃ O—H	437		