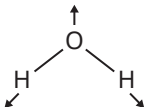
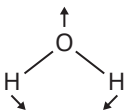
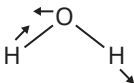


A

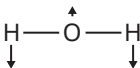
Symmetric stretching (ω_1)



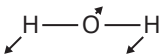
Bending (ω_2)



Antisymmetric stretching (ω_3)

B

Bending
(1747.2 i cm^{-1})



Bending
(1747.2 i cm^{-1})



Symmetric stretching
(4253.9 cm^{-1})



Antisymmetric stretching
(4672.2 cm^{-1})