

ROTD 4/21/06

- 1) Electromagnetic radiation refers to packets of energy that behave as waves. Molecules can interact with electromagnetic radiation in a number of ways**
- 2) Molecular vibrations are quantized energy states. If the energy needed to change energy states is the same as the energy of the electromagnetic radiation, the molecule will absorb the energy.**
- 3) Correlating the energy absorbed by a molecule with structural features of the molecule is called molecular spectroscopy.**