

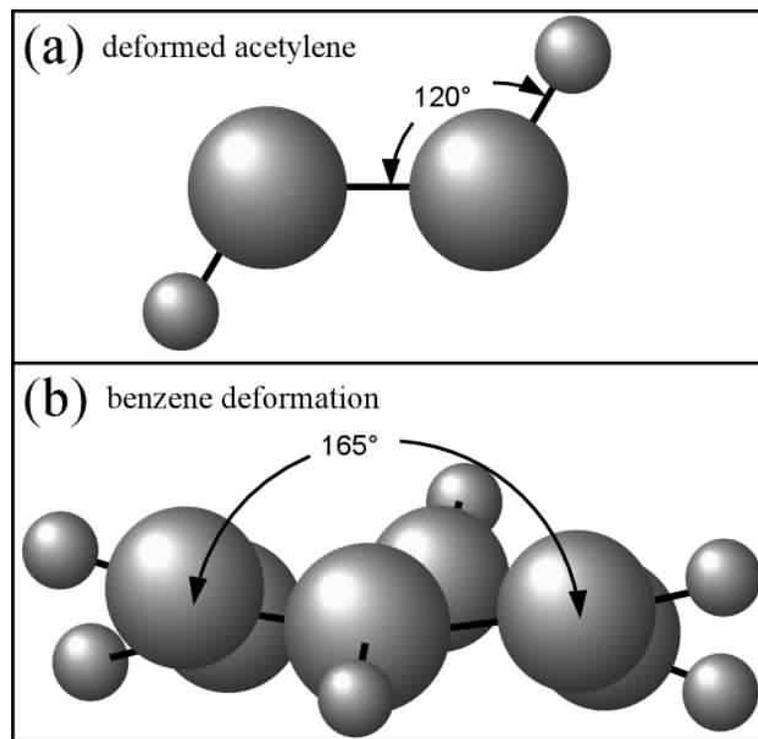
# The Behavior of Molecules Under Intense Laser Radiation

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We have measured experimentally the structural deformation that molecules suffer under intense femtosecond laser fields.

The studies were carried out on triatomic molecules like  $\text{CO}_2$ ,  $\text{CS}_2$ , and on acetylene, and benzene, whose strong-field deformed structures are shown here.



*These findings were published in J. Phys. Chem. 107, 8271 (2003)*