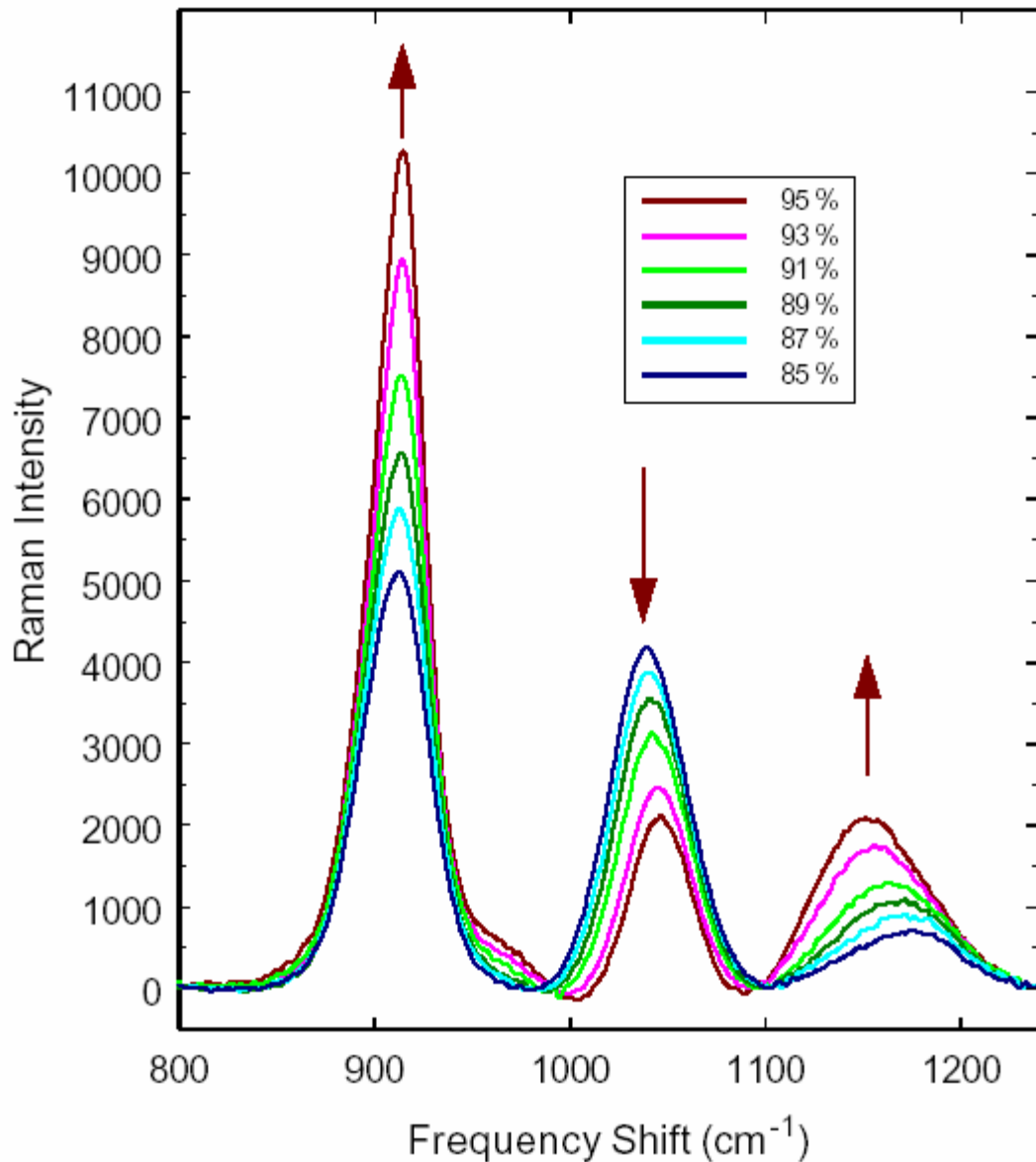


Sulfuric Acid Concentrations



The Raman spectrum using a PI-200-L analyzer on a series of acid dilutions from ~95% to 85% acid mixed with water. Integration times of ~120 seconds were sufficient to obtain sufficient signals strength. Notice the rather large decrease in the Raman peaks at 913 and 1162 cm⁻¹ and the increase in the Raman peak at 1043 cm⁻¹ with the decrease in acid concentrations.