Example 9.1

K_2SO_4 (M=174) has a solubility in water @ 20°C of 109 g K_2SO_4/kg water, a solution which has a density of 1.080 g/cm^3. A supersaturated solution of 116 g K_2SO_4/kg water has a density of 1.090 g/cm^3. Find values for Δc, S, σ on the 5 different bases.