Freezing Point Dep.

CHM 1046

1. If 1.628 g of an unknown solid dissolved in 80.24 g of cyclohexanol lowered the FP of cyclohexanol by 6.6°C, what is the MM of the unknown solid? Kf = -39.5 kg/mol
2. If 6.45 g of an unknown solid dissolved in 605.13 g of cyclohexanol lowered the FP of cyclohexanol by 11.9°C, what is the MM of the unknown solid? Kf = -39.5 kg/mol