An 8.00% by mass aqueous solution of ammonia has a density of 0.9651 g/mL. What is its molarity? What is its concentration in ppm?

Suppose you are given a concentrated solution of HCl which is known to be 37.0% HCl by mass and has a solution density of 1.19 g/mL. What is the molarity? What is its concentration in ppm?

Persons are medically considered to have lead poisoning if they have a concentration of greater than 10 micrograms per deciliter of blood. What is this concentration in ppm?