

1.9.4.1: Practice Mass Percent and Volume Percent

Exercise 1.9.4.1.1

What is the mass percent concentration of a solution made by adding 21.4 g of NaCl to 135.0 g water? (Hint: find mass of solution!)

Answer

13.7 % (m/m)

Exercise 1.9.4.1.1

What is the volume percent of a solution made by adding 38.2 mL of ethanol to enough water to make 250.0 mL of solution?

Answer

15.3 % (v/v)

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