AP Chemistry
Mr Winter

Combustion Analysis
Graphic Organizer

Combustion Reactions
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Combustion Analysis
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Combustion of a 0.250 g hydrocarbon produces 0.686 g of CO_2 and 0.562 g of H_2O. What is the empirical formula of the hydrocarbon?

When a sample of vanillin weighing 2.500 g burns in oxygen, 5.783 g of carbon dioxide and 1.183 g of water are obtained. What is vanillin's empirical formula?