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Hazardous Herbicides

I wanted to find out if farm herbicide chemicals would produce hydrogen if they came into contact with metal surfaces. First, what I did was cut off the tops of twenty-five 2 liter bottles. Then, I put 3 22cm x 1.25 cm strips of metal in each bottle. Then I glued a valve on the top of each bottle and put in 60 ml of 2,4-D, Banvel, or Tordon with 9.5 L of water as the carrier and 240 ml of Round UP or Atrazine with 9.5 L of water as the carrier. I then left them for 3 days after which I tested them for hydrogen and recorded the results in a graph. I got mixed results on the amounts of hydrogen produced; with the results varying with the type of herbicide and the type of metal used.