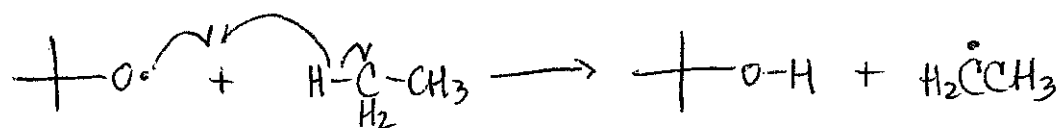
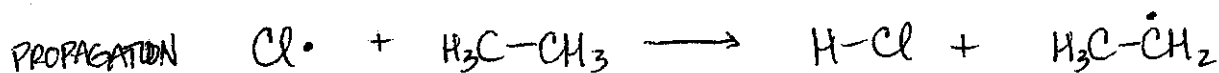
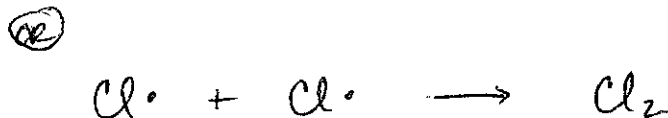
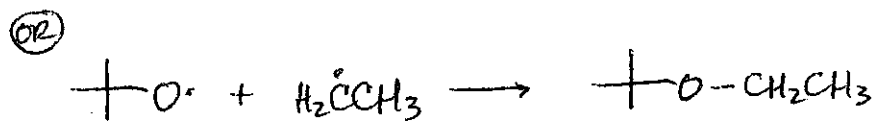
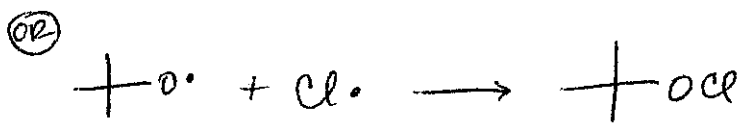
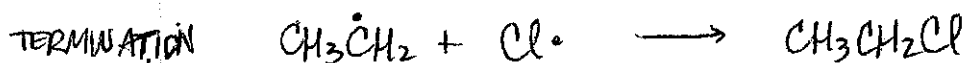


Products #1-4 are obtained. Since product #4 is generated effectively from a 3° allylic radical intermediate, we expect it to be formed fastest.

5. The O-Cl bond is very weak and will so be homolytically cleaved by heat (Δ) in the INITIATION step. The rest of the mechanism follows:



There are many possible termination steps for this reaction.
I have shown only a few below.



etc., etc.