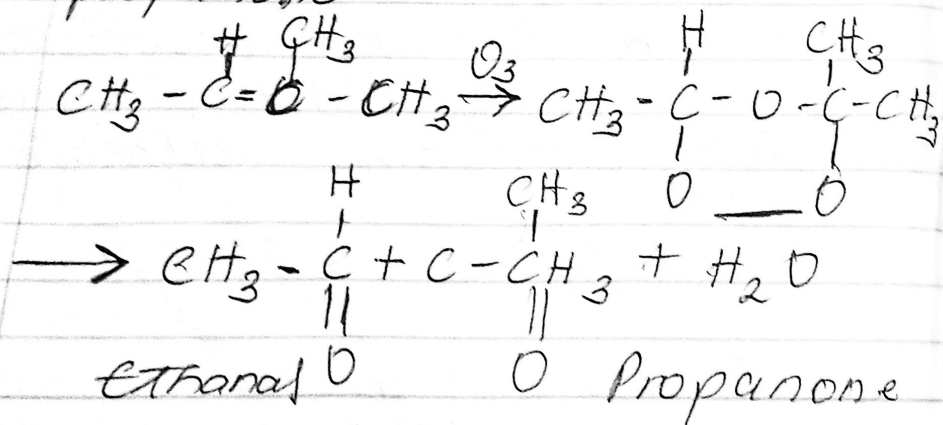


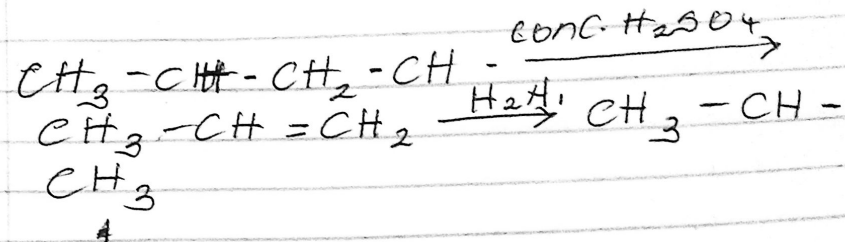
3. Lower alcohols are soluble in water because they can form hydrogen bond with water molecules. Water solubility of alcohol increases with relative molecular mass.

All monohydric alcohols are soluble in organic solvents

4. Reduction reaction of 2-methyl propanone



5. Reduction of 2-methylpropanal



6. Propan-1-ol is reacted with conc. H₂SO₄ to give propene and water which gives propan-2-ol