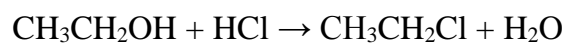
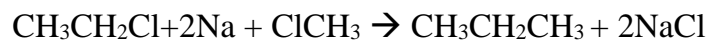


Ethanol is not used industrially as a precursor to ethyl halides, but the reactions are illustrative. Ethanol reacts with hydrogen halides to produce ethyl halides such as ethyl chloride and ethyl bromide via an S<sub>N</sub>2 reaction:



Now,



Dehydrogenation with using chromium (III) oxide as a catalyst at 500 °C.

