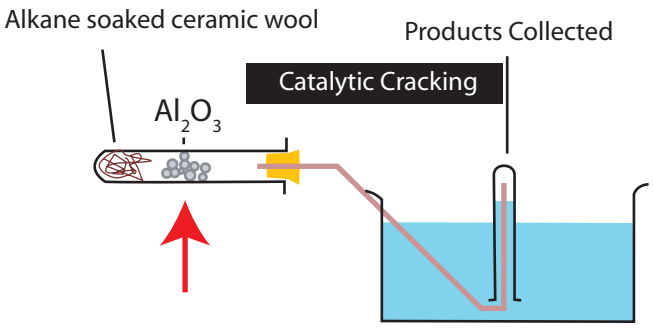
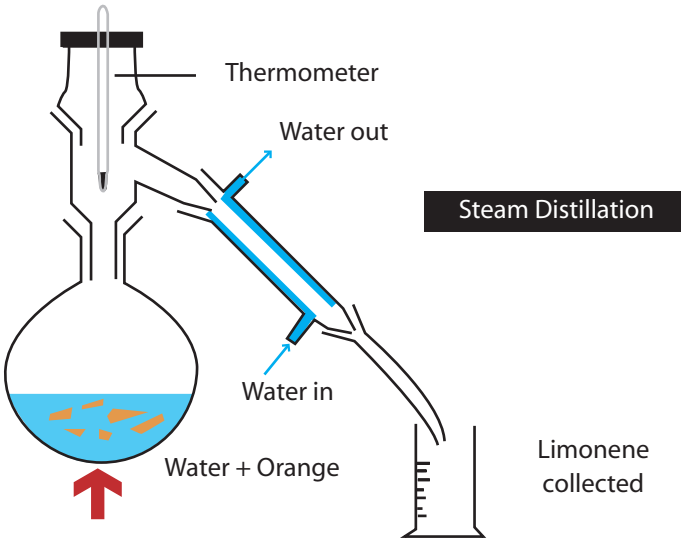
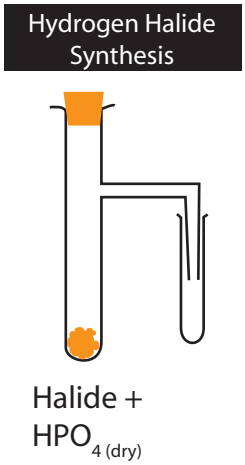
Laboratory practise







Hydrocarbon solvent

» This is used to extract alkenes from a solution
» And then can be separated from the product by distillation

Drying agents

» These include CaCl and Na_2SO_4
» Or concentrated NaCl solution
» They must be anhydrous, and absorb water to form crystals

Indicators

Ammonia	White fumes evolved with hydrogen halides
Silver nitrate	White ppt: Chlorine Cream ppt: Bromine Yellow ppt: Iodine
Iodine	Black --> Colourless with starch
Bromine water	Orange --> Colourless with alkene
Lead ethanoate paper	Silvery grey with H_2S
Potassium Dichromate (VI) paper	Orange --> Green with SO_2
Benedict's solution	Blue --> Red with aldehyde