Oxidation $CH_4 \quad CH_3CI \quad CH_2CI_2 \quad CHCI_3 \quad CCI_4$ $CH_3CH_3 \quad H_2C = CH_2 \quad HC = CH$ $CH_3CH_2OH \quad CH_3CHO \quad CH_3CO_2R \quad CO_2$ CH_3CONR_2 $CH_3CH_2NH_2 \quad H_2C = NH \quad HC = N$ Reduction