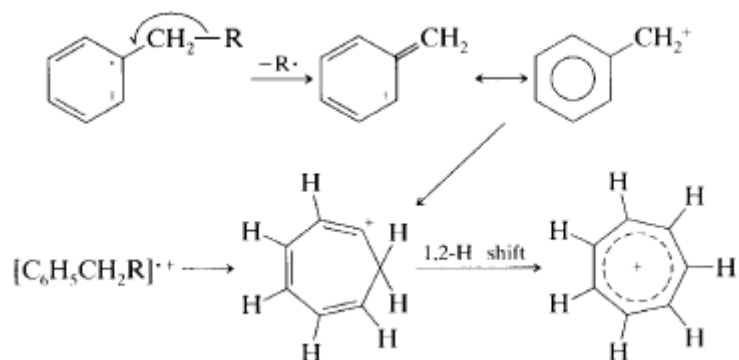
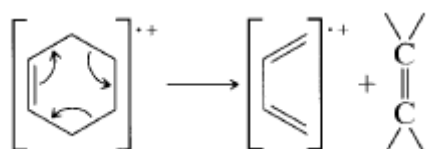
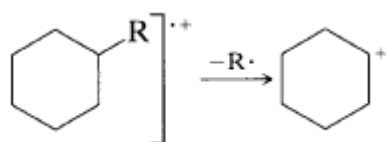
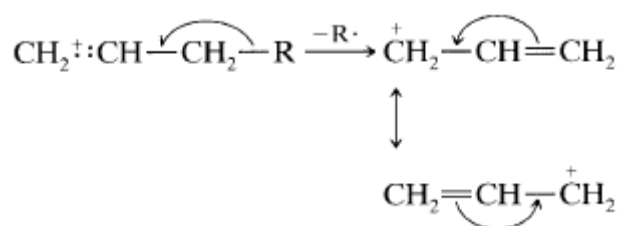
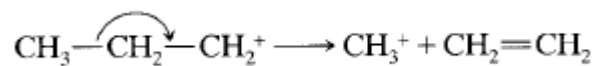
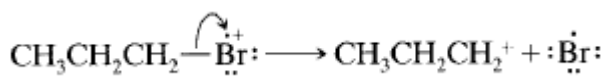
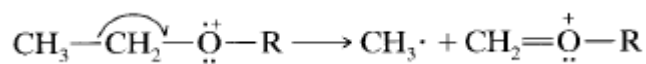
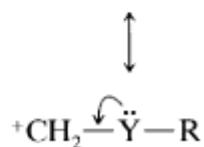
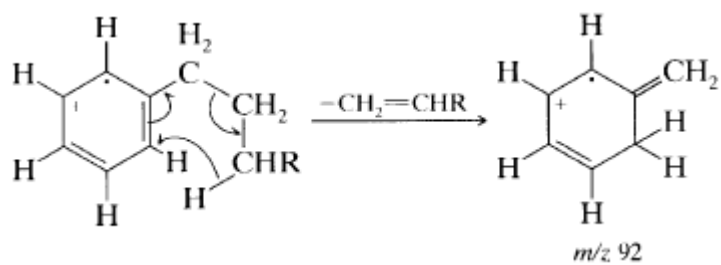
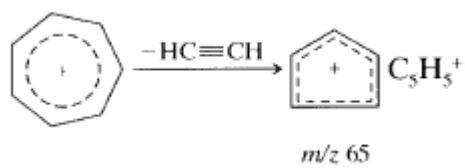
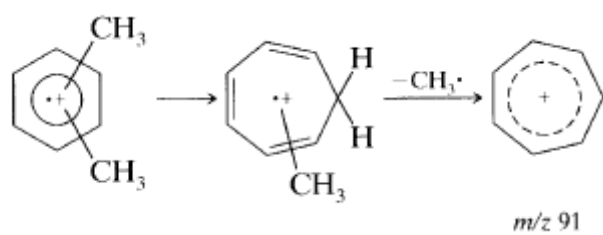
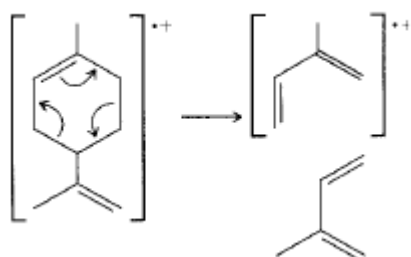
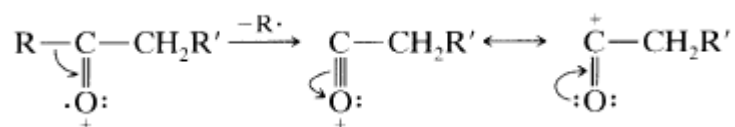
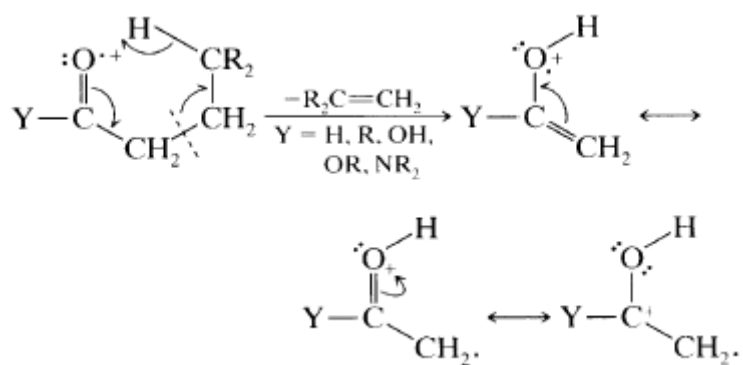
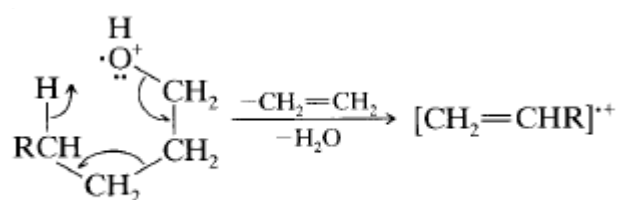
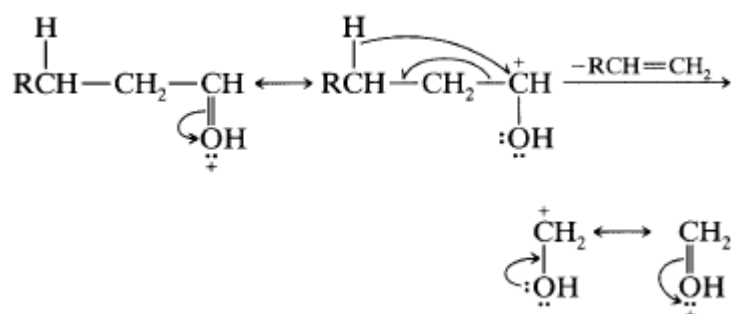
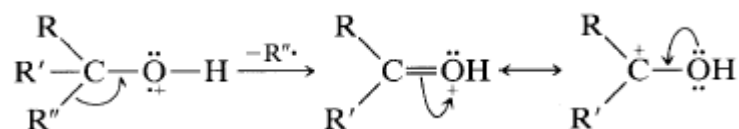
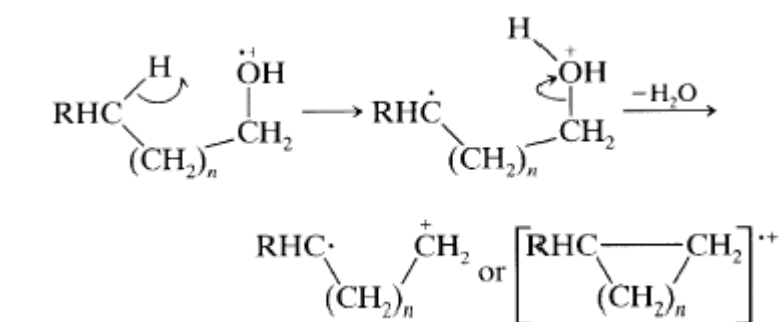
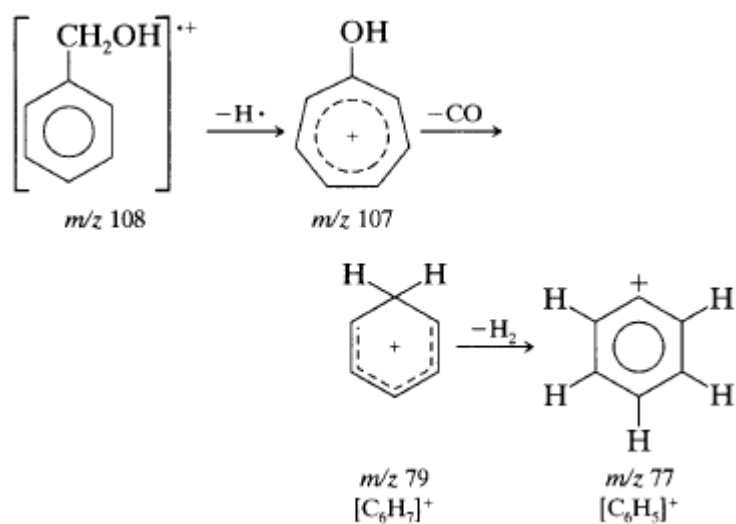


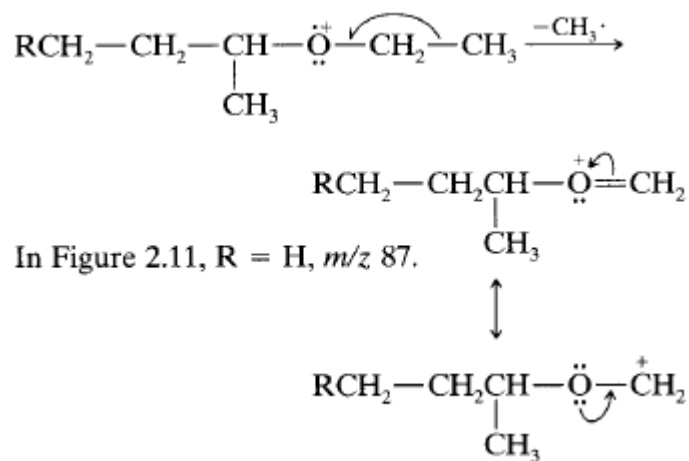
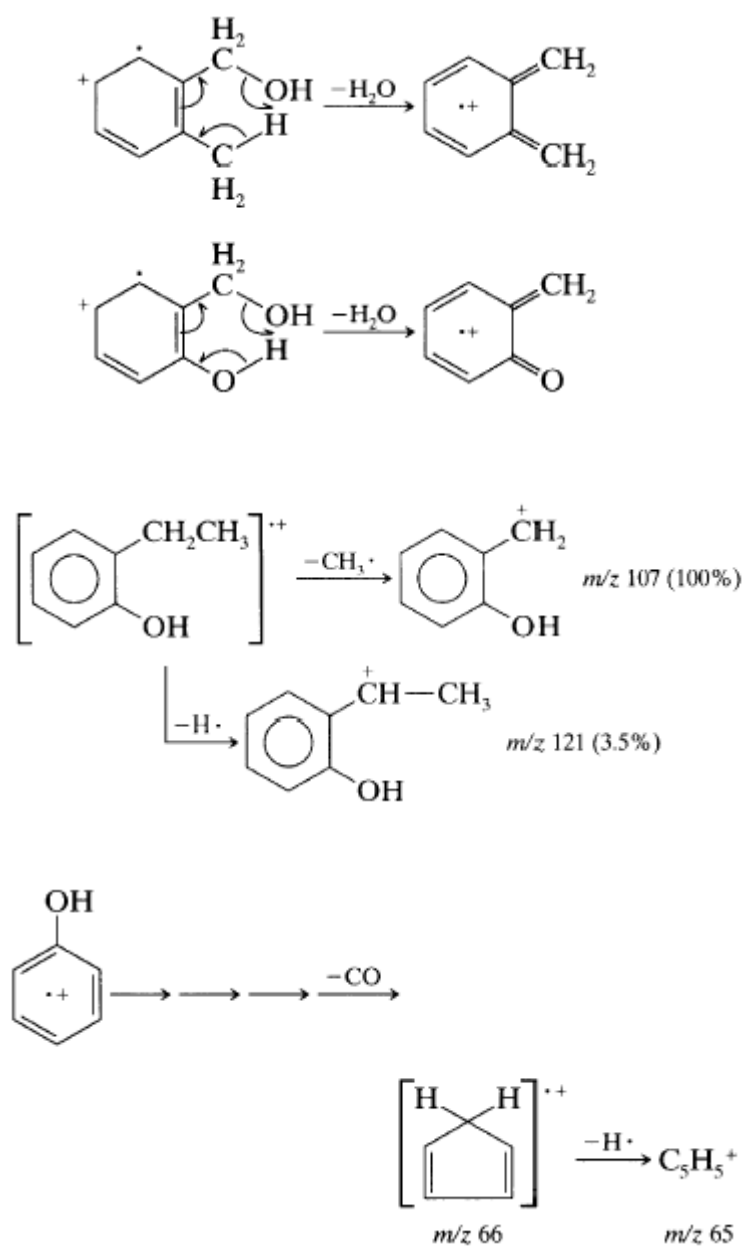
where Y = O, NH, or S;

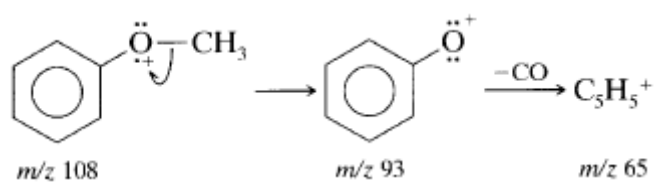
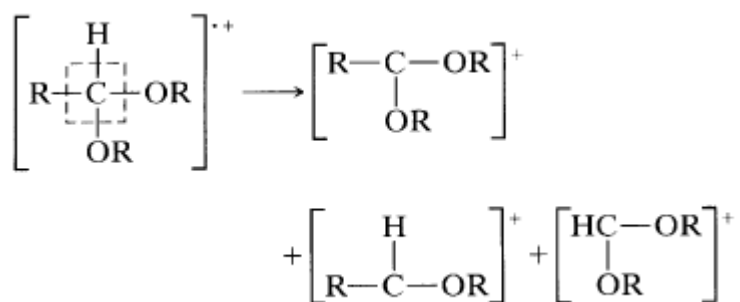
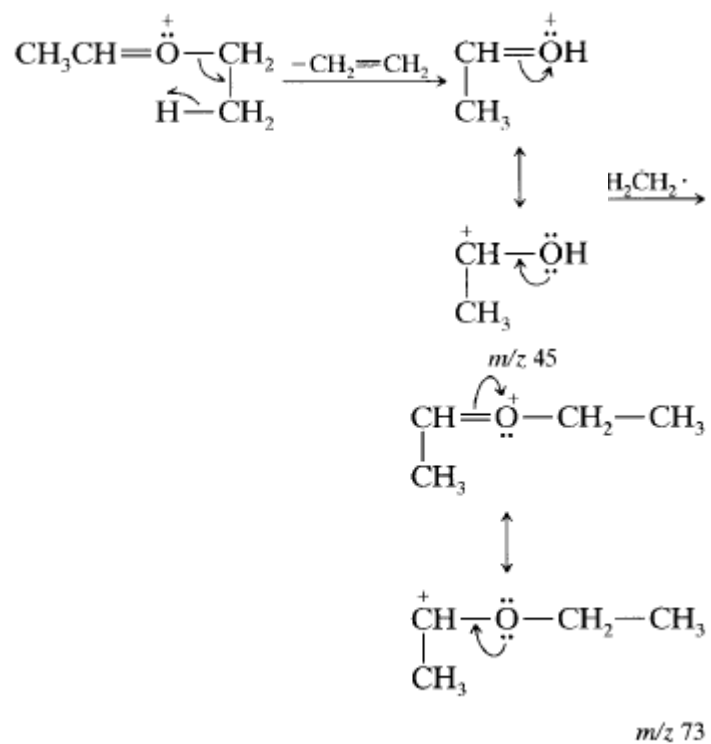


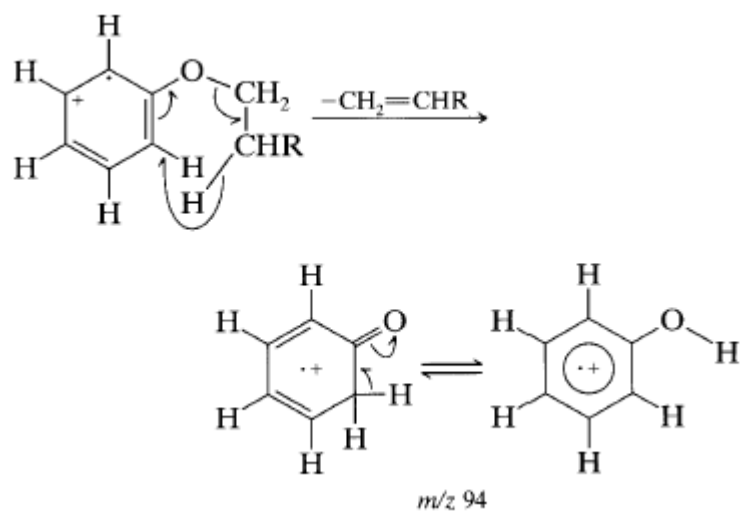
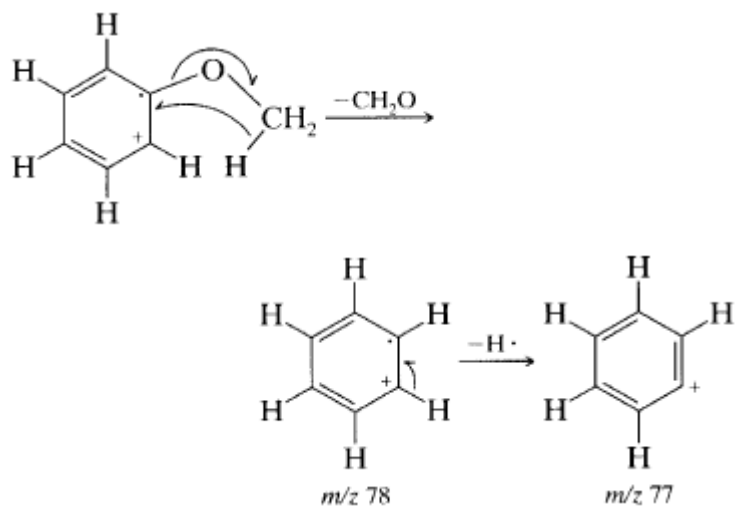


Fragmentacja alkoholi, eterów i fenoli

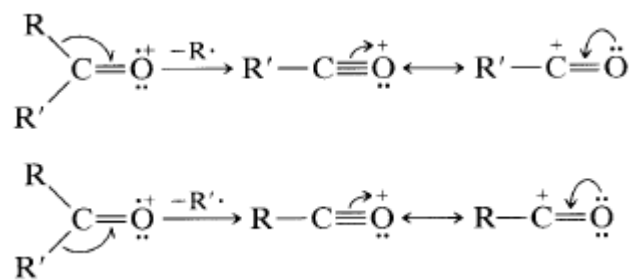

$$M - (\text{alkene} + \text{H}_2\text{O})$$


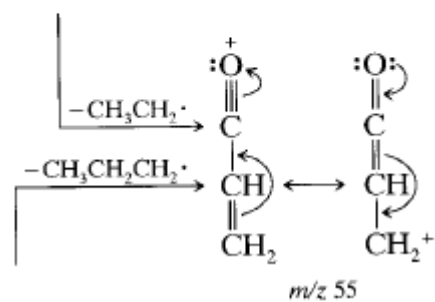
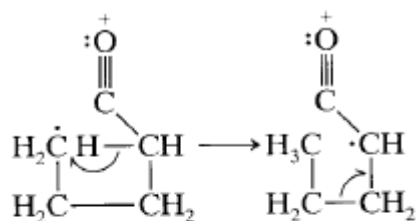
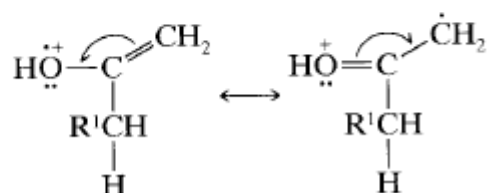
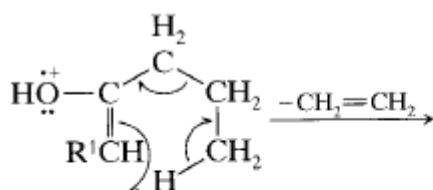
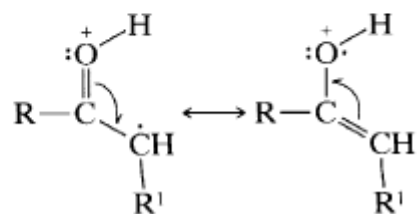
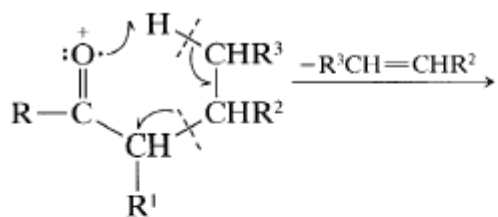


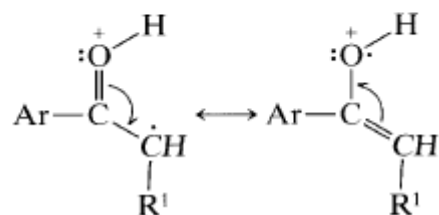
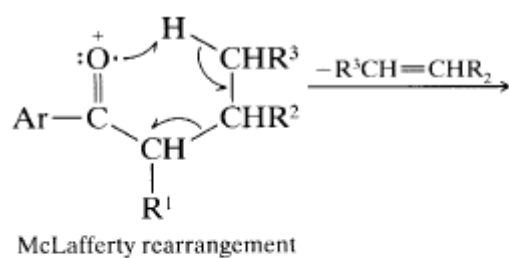
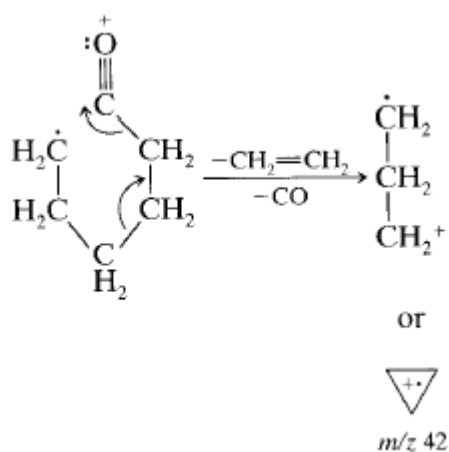
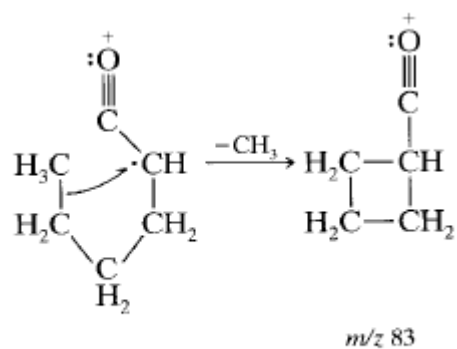




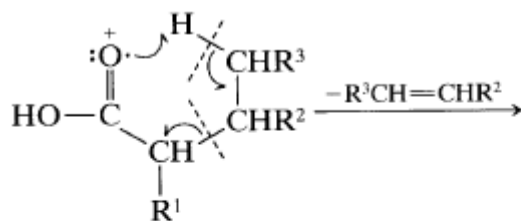
Fragmentacja ketonów



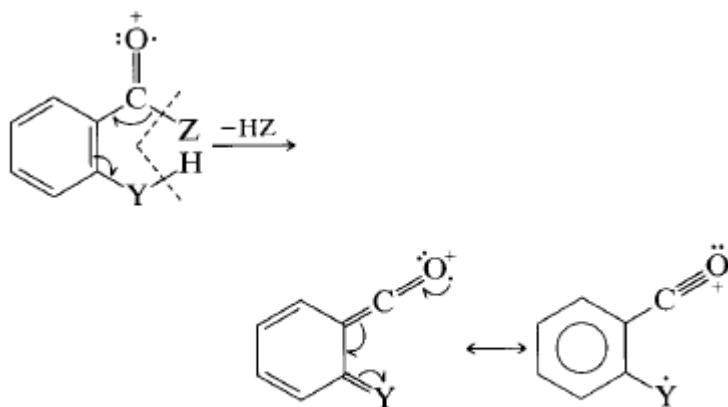
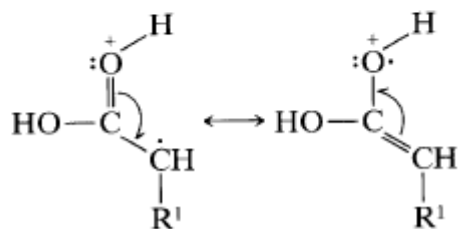




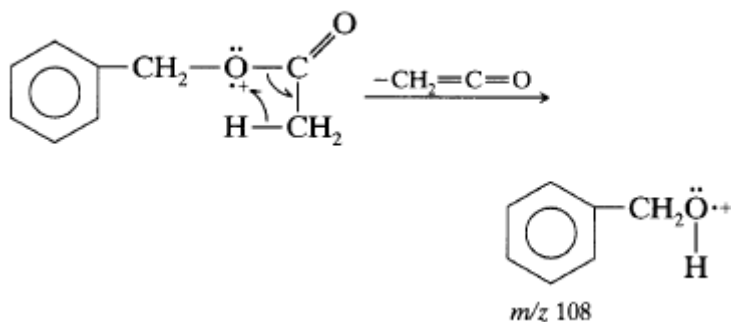
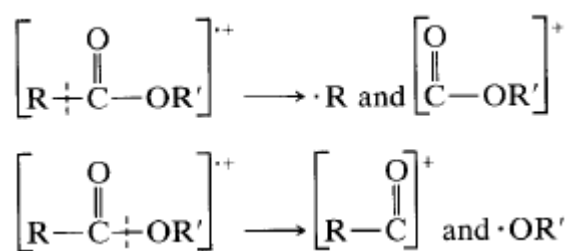
Fragmentacja kwasów karboksylowych i estrów

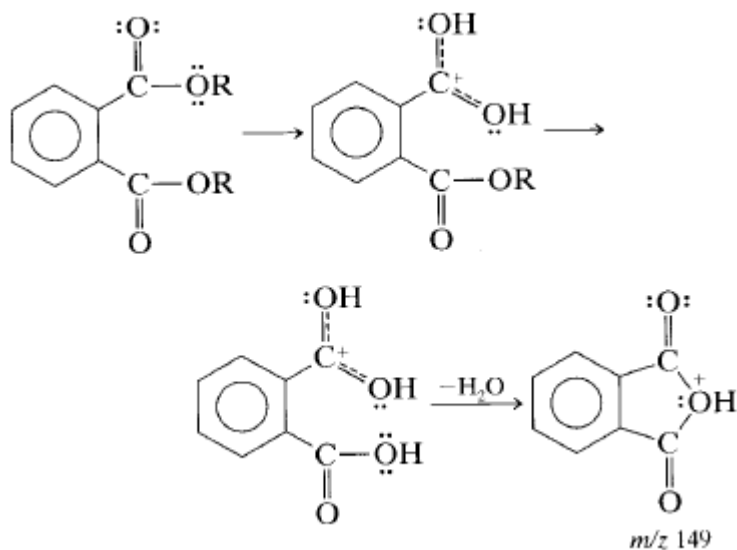
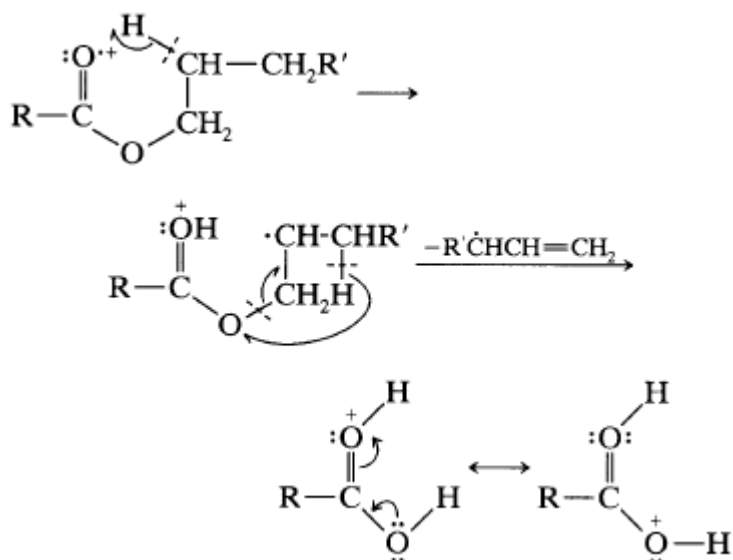
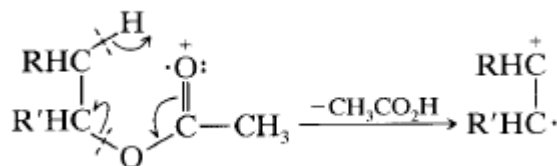


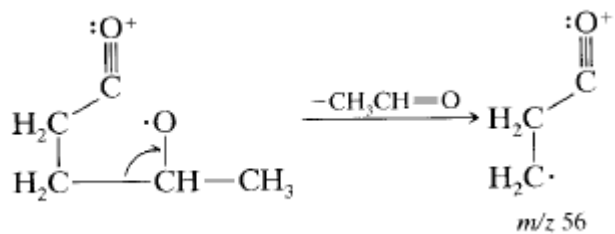
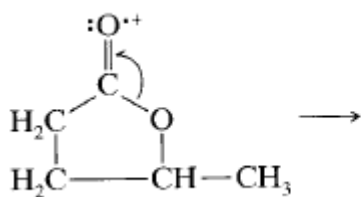
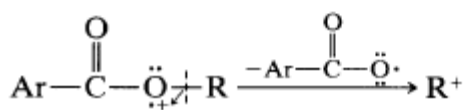
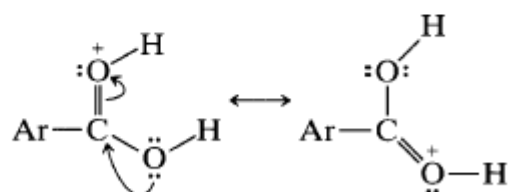
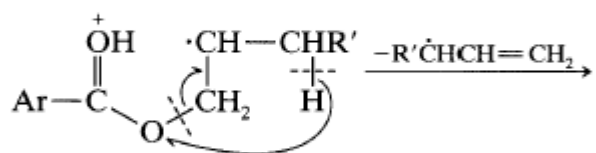
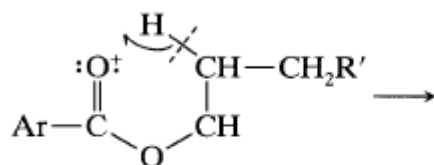
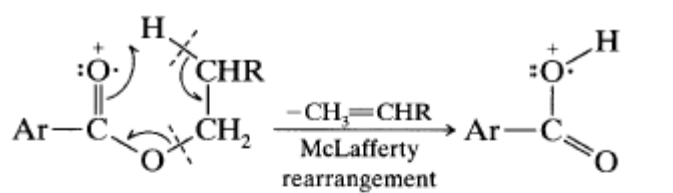
McLafferty rearrangement



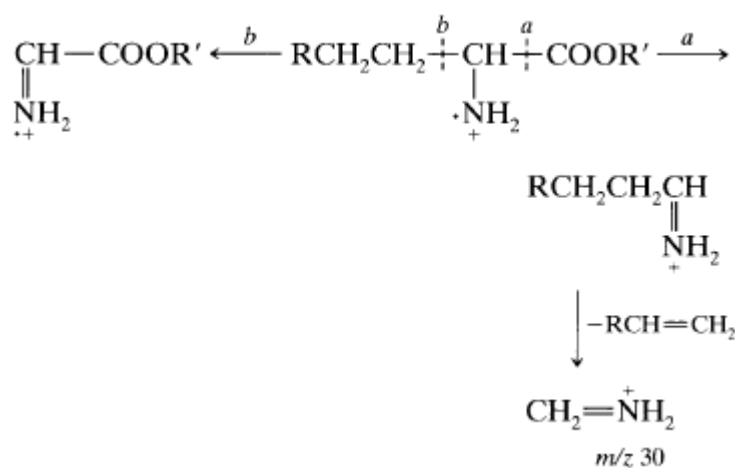
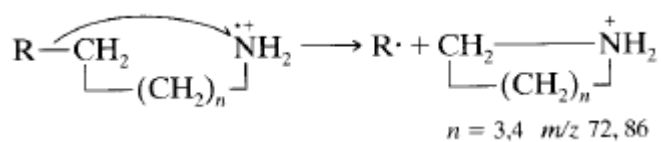
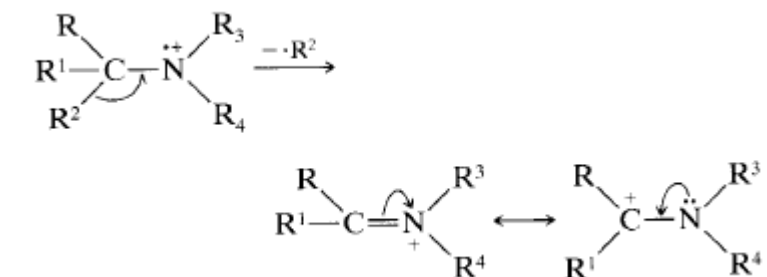
where Z = OH, OR, NH₂; Y = CH₂, O, NH.

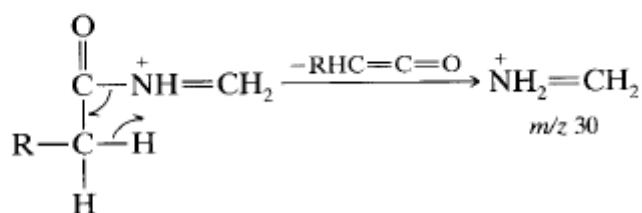
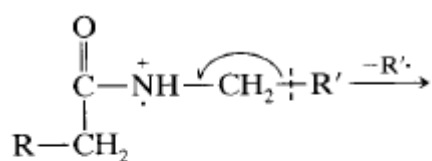
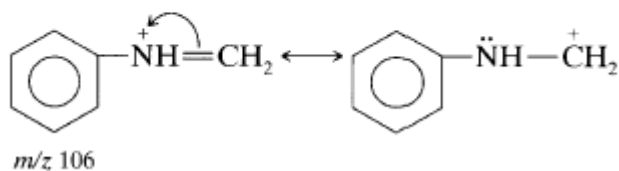
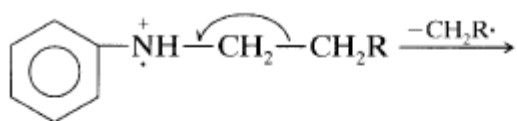
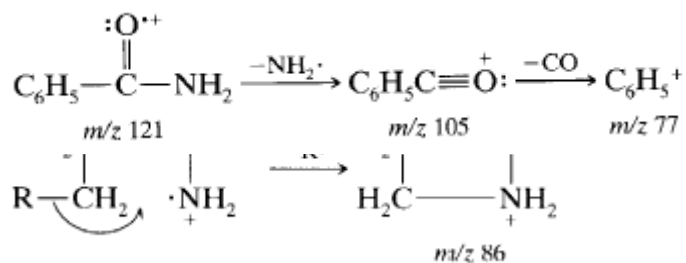
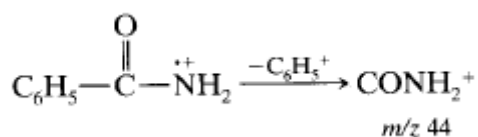
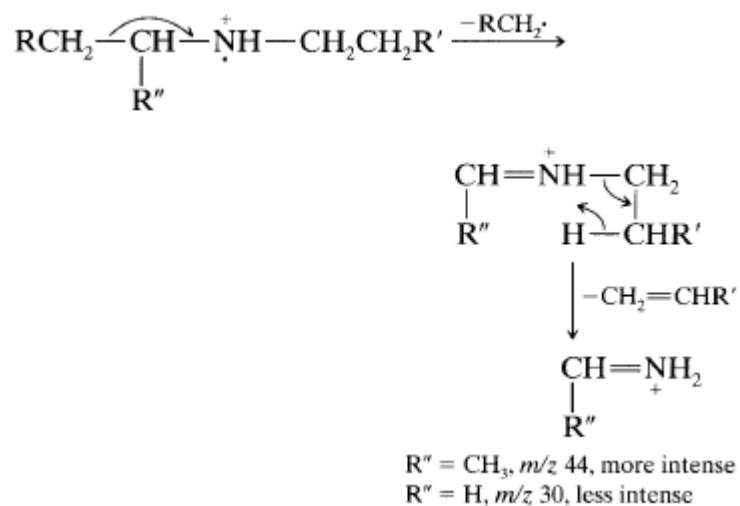


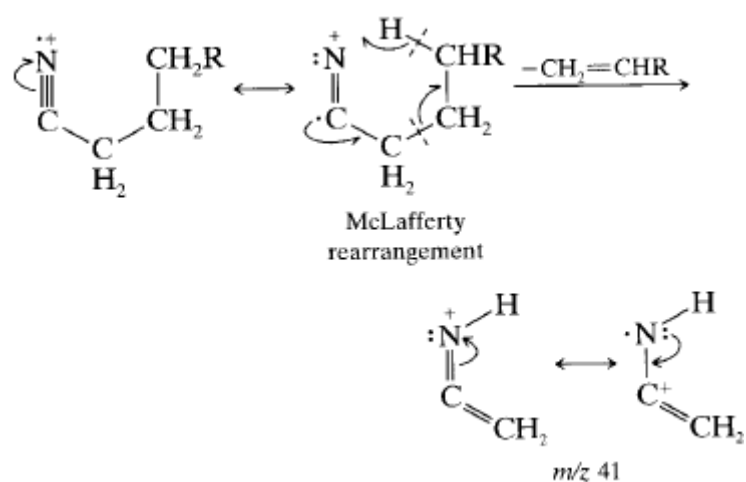




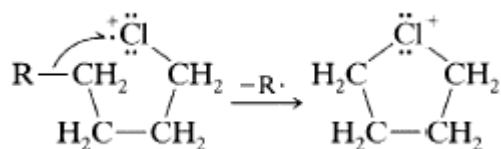
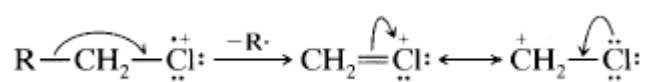
Fragmentacja amin i amidów



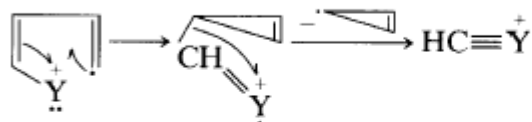
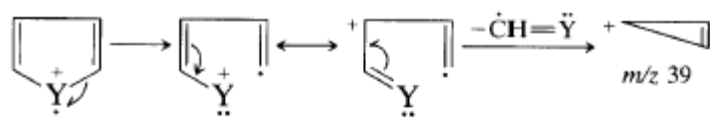




Fragmentacja halogenków alkilowych



Fragmentacja związków heteroaromatycznych



where $\text{Y} = \text{O}, \text{S}, \text{NH}$;

