



Precursor ion :  $[\text{R}_1\text{COOH} + \text{H}]^+$   
Product ion :  
 $\text{C}_x\text{H}_{2x-1}\text{O}^+ = \text{R}_1\text{CO}^+$   
 $\text{C}_x\text{H}_{2x+1}^+ = \text{R}_1^+$   
 $\text{C}_x\text{H}_{2x+1}\text{O}_2^+ = [\text{R}_1\text{COOH} + \text{H} - \text{C}_n\text{H}_{2n}]^+$