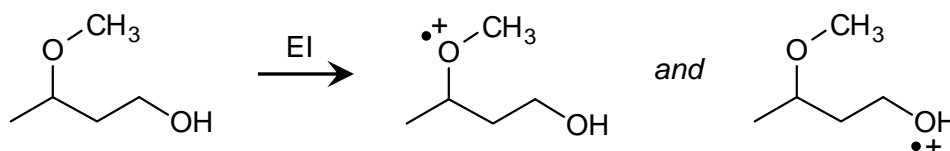


**In-Class Exercise Solutions:
Radical Cation Fragmentations in EI-MS**

- a. In principle, any electron might be ejected from 3-methoxy-1-butanol by EI. But in practice, the electrons that typically leave are the highest in energy, and that means the non-bonding, lone-pair electrons.



b.

