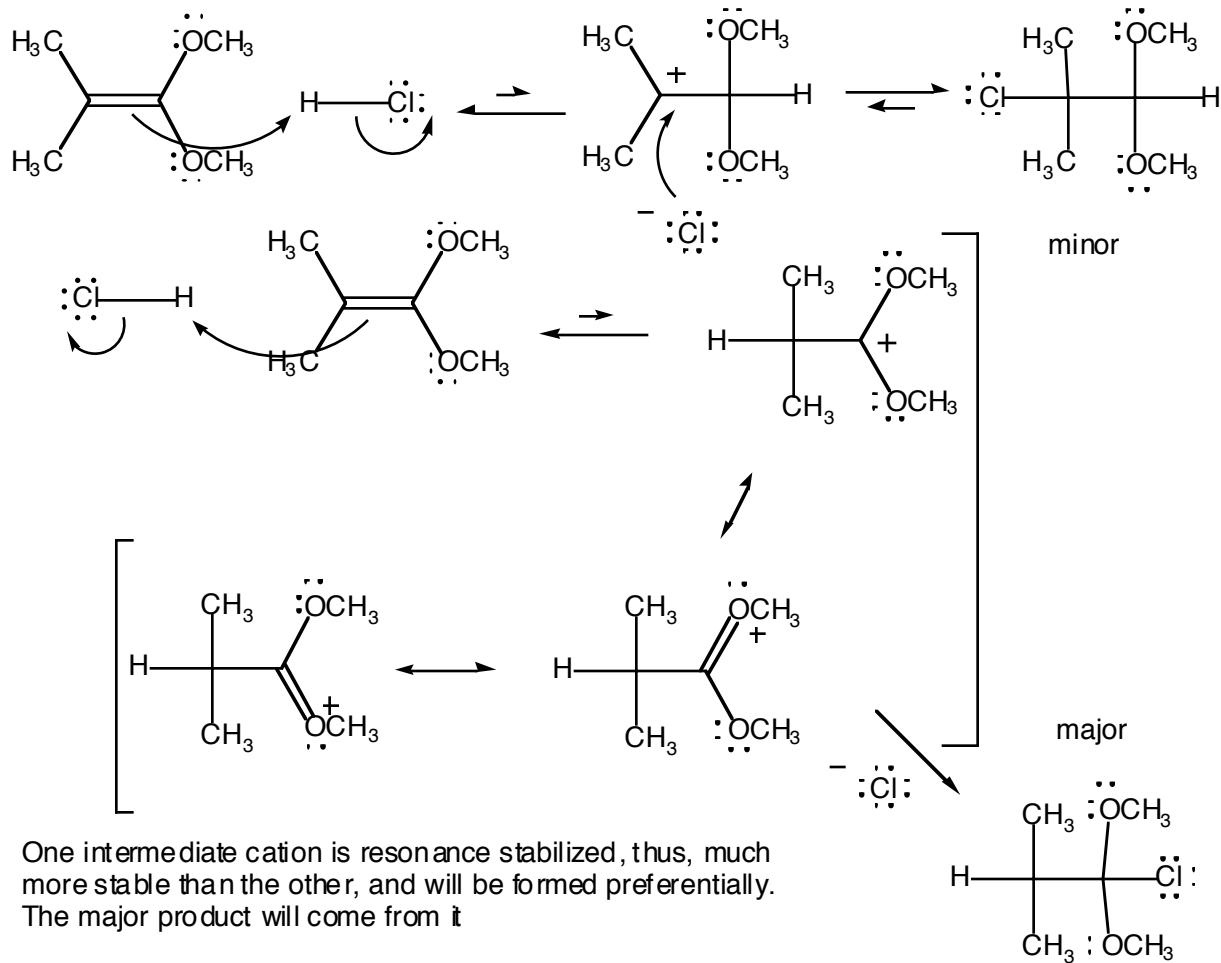
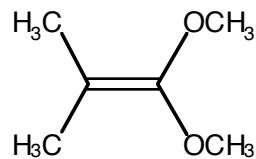


Answers to Problem 29, Chemistry 301X - 2006, p1

(a) What are the two possible products of addition of HCl to:

Which is the major product and why?



One intermediate cation is resonance stabilized, thus, much more stable than the other, and will be formed preferentially. The major product will come from it