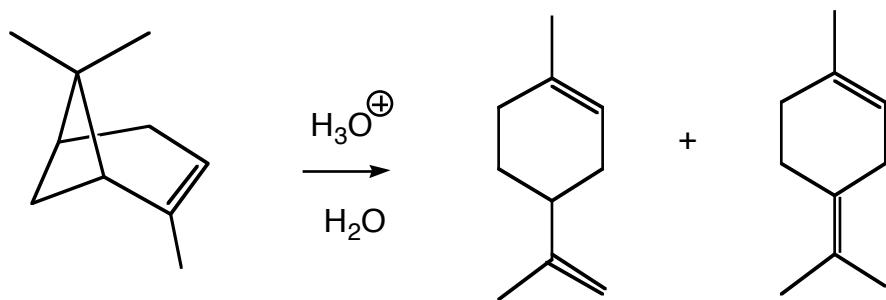


Problem 88, Chemistry 301X, 2006

(a) Provide a mechanism (arrow formalisms) for the following change:



(b) When the source of acid is carefully purified HBr, two bromides are also produced in the reaction of part a. What are they? Be careful - these two compounds are structural isomers: not diastereomers or enantiomers.