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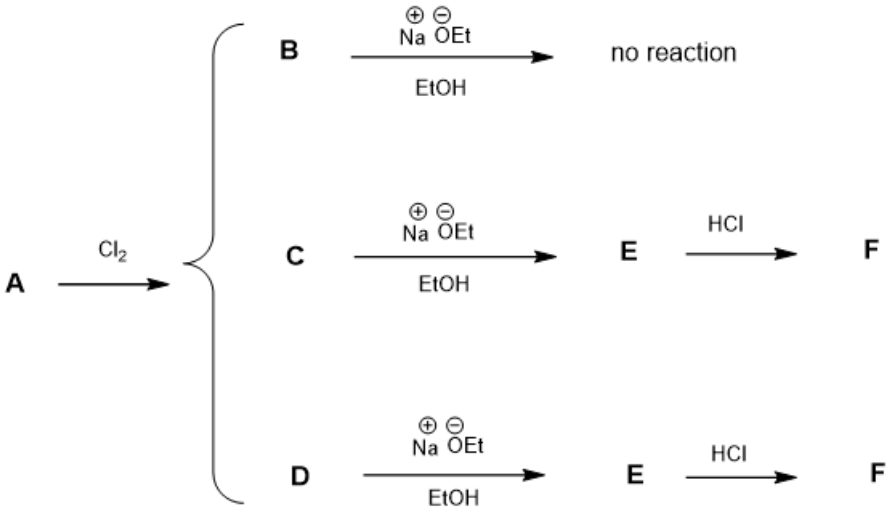
Propose structures for the lettered compounds based upon the data given below.

An alkane A (C_6H_{14}) reacts with chlorine to yield only three compounds (B, C, and D) with the formula $C_6H_{13}Cl$. Of these only C and D undergo dehydrohalogenation with sodium ethoxide in ethanol to produce an alkene. Moreover, C and D yield the same alkene E (C_6H_{12}). Treating E with HCl produces a compound F that is isomeric with B, C, and D.



How to Reach Us
Todd's Test Prep
2255 Glades Road
Suite 324A
Boca Raton, Florida 33431
E-mail: help@orgoreview.com

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