Question#74053 – Chemistry – Organic chemistry

Question:

Suggest the reaction that can be best be used to prepare following ethers by williamson ether synthesis.

- a) CH3CH2CH--O--CH==CH2.
- b) CH3CH2CH--OCH3.

CH3

Answer:

ONa +
$$CI \longrightarrow CH_2$$
 CH_3 CH_3 $CI \longrightarrow CH_2$ $CI \longrightarrow CH_2$ $CI \longrightarrow CI$ $CI \longrightarrow CI$