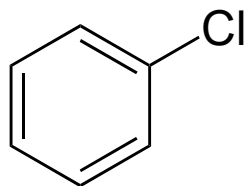


Provide the reagents needed to convert benzene into each of the given target compounds.



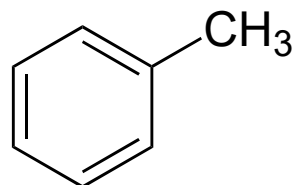
A) $\text{Cl}_2, \text{FeCl}_3$

B) $\text{Cl}_2, \text{FeCl}_3$

C) HCl, NaCl

D) HCl, NaCl

E) HCl, NaCl



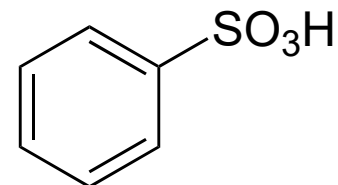
MeMgBr

$\text{MeI}, \text{AlCl}_3$

MeMgBr

$\text{MeI}, \text{AlCl}_3$

$\text{MeI}, \text{AlCl}_3$



$\text{HNO}_3, \text{H}_2\text{SO}_4$

$\text{SO}_3, \text{H}_2\text{SO}_4$

$\text{SO}_3, \text{H}_2\text{SO}_4$

$\text{HNO}_3, \text{H}_2\text{SO}_4$

$\text{SO}_3, \text{H}_2\text{SO}_4$