## **Exercise 80 - Electrophilic addition to Dienes**

## Question

Predict the structure of the 1,2 and 1,4-addition products of the following reactions. Where possible, determine which is the kinetic and which is the thermodynamic product.

$$\begin{array}{c|c} Ph & Ph \\ \hline & H_2O, H_2SO_4 \end{array}$$

$$H_3C$$
 $CH_3$ 
 $H$ 

$$H_3C$$
 $CH_3$ 
 $Cl_2, CH_3OH$