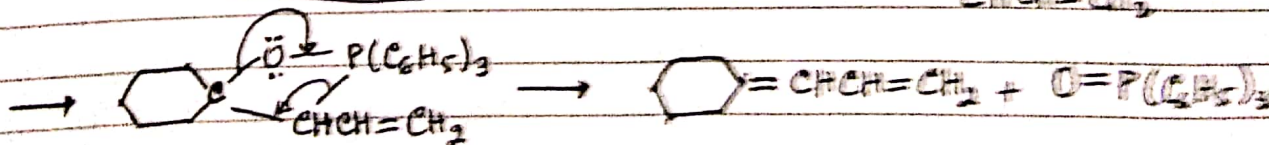
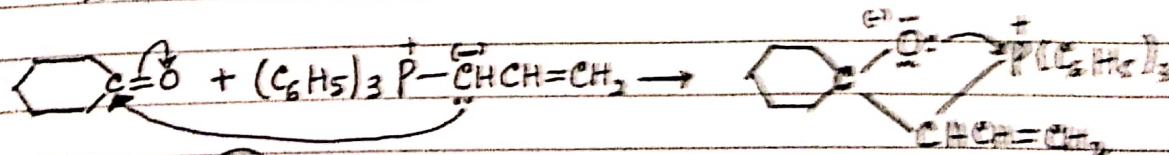
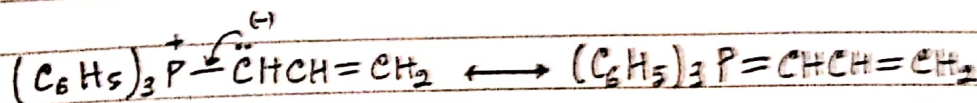
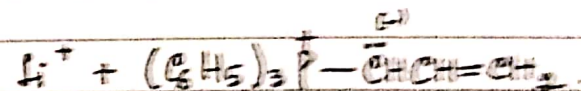
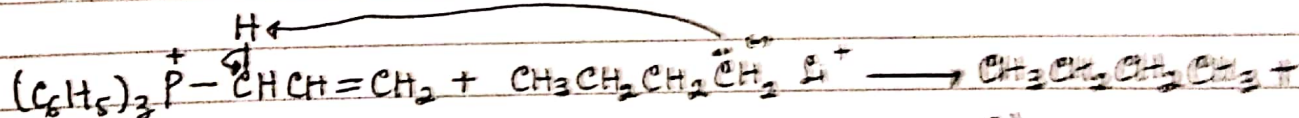
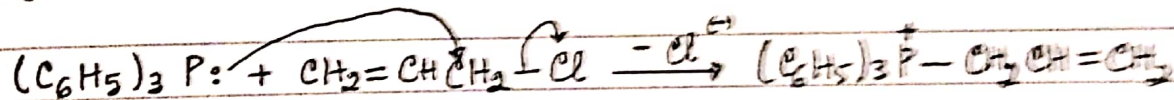
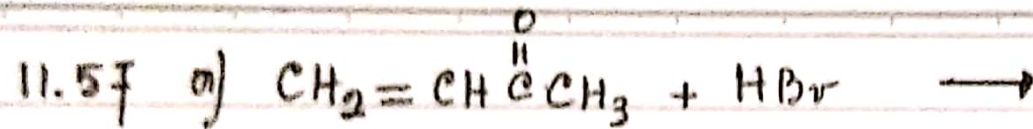


11.47. Bagaimana melaksanakan perubahan berikut ini dengan reaksi Wittig (mulailah dengan halida organik)

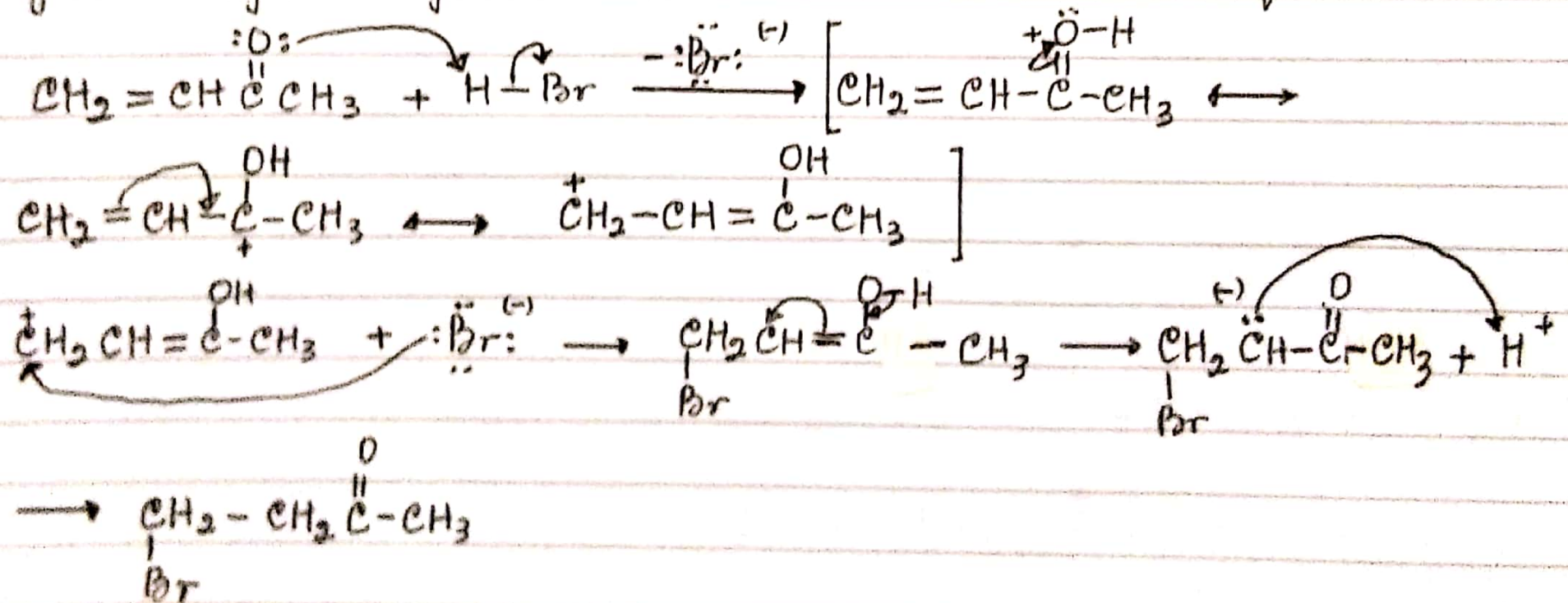


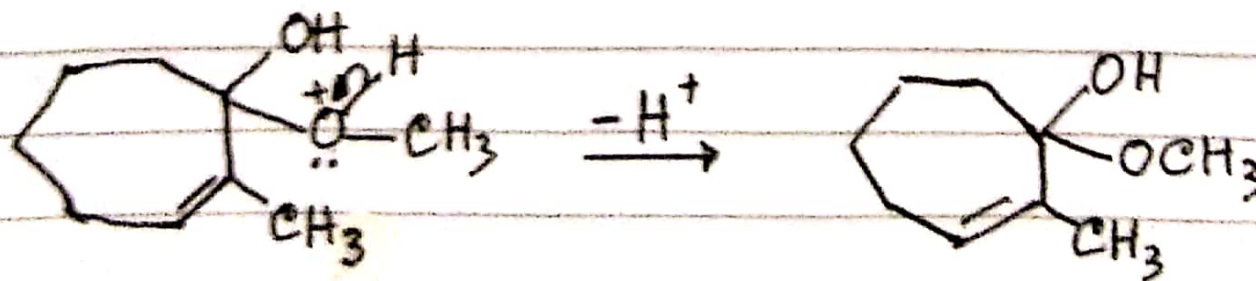
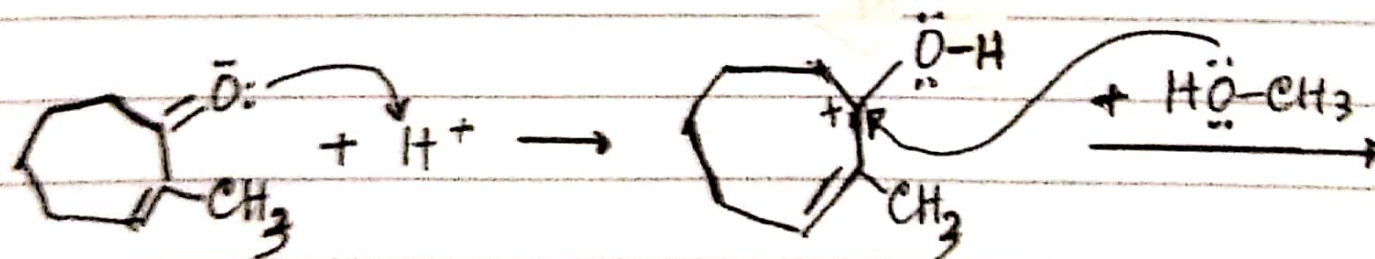
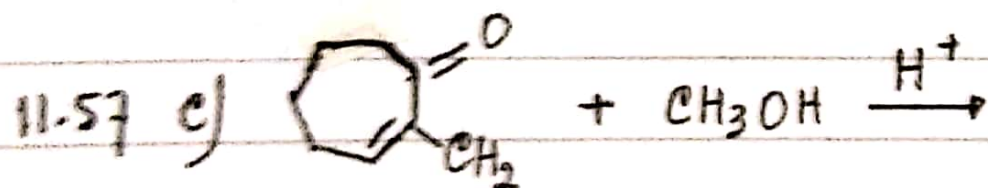
Jawab.





jawabannya mengikuti mekanisme adisi 1,4 elektrofil.





mekanisme reaksi mengikuti hal 17 Fessenden jilid 2