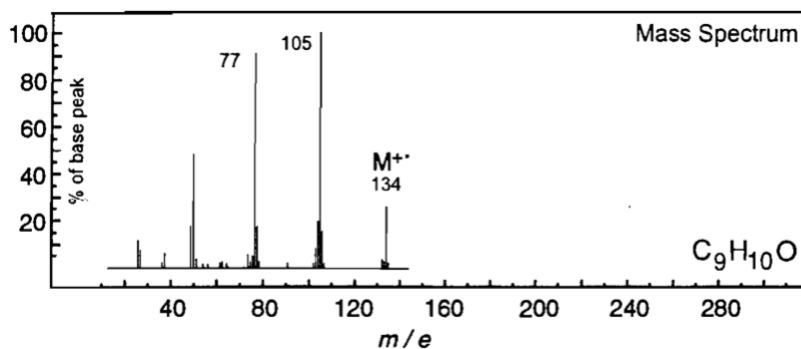
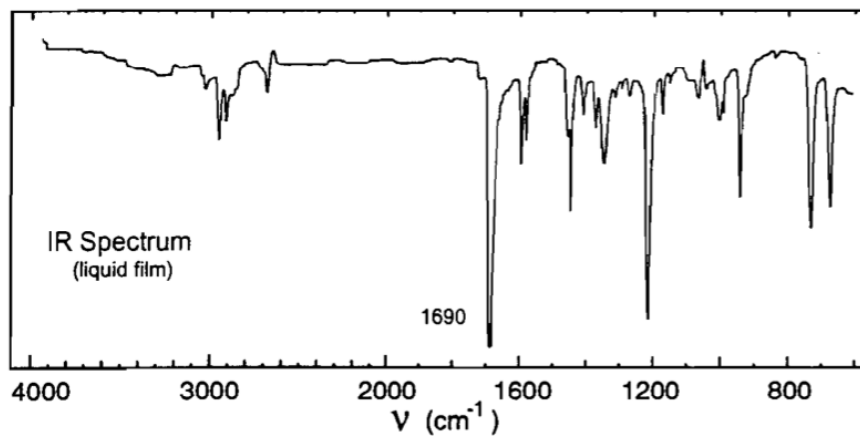
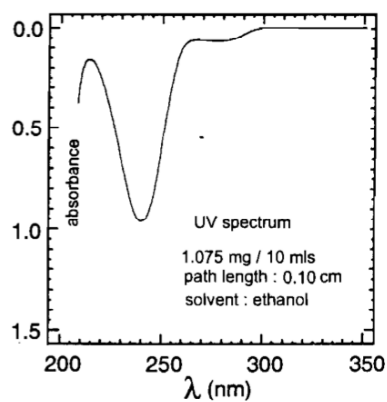
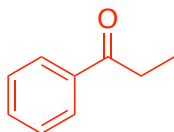
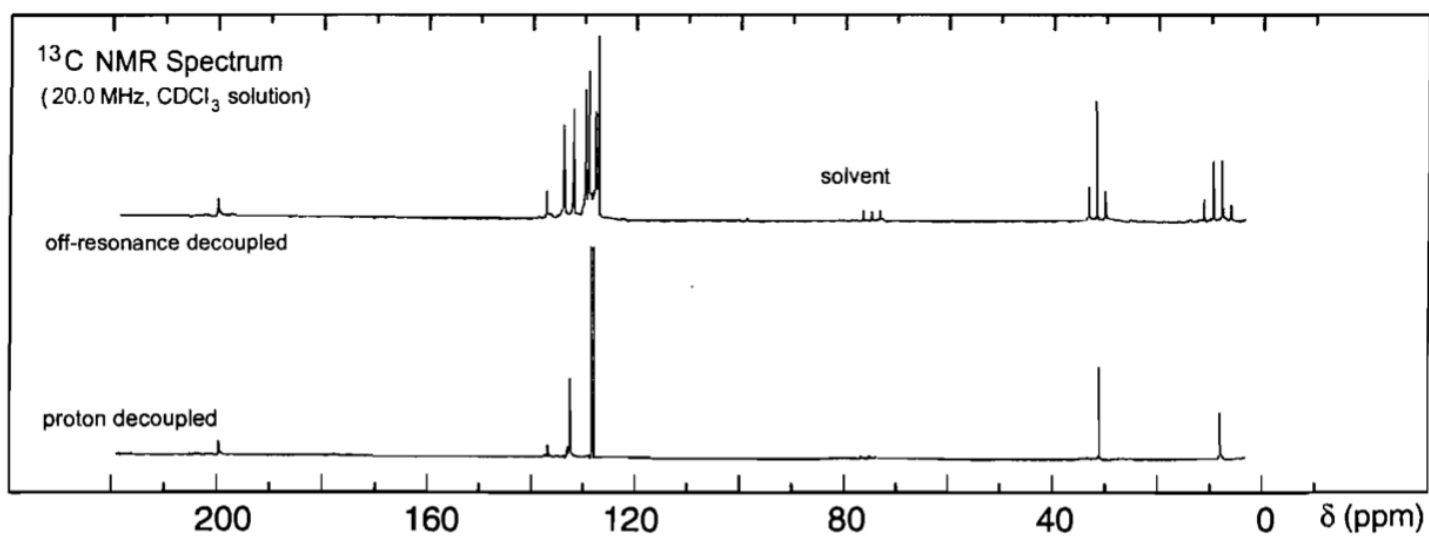
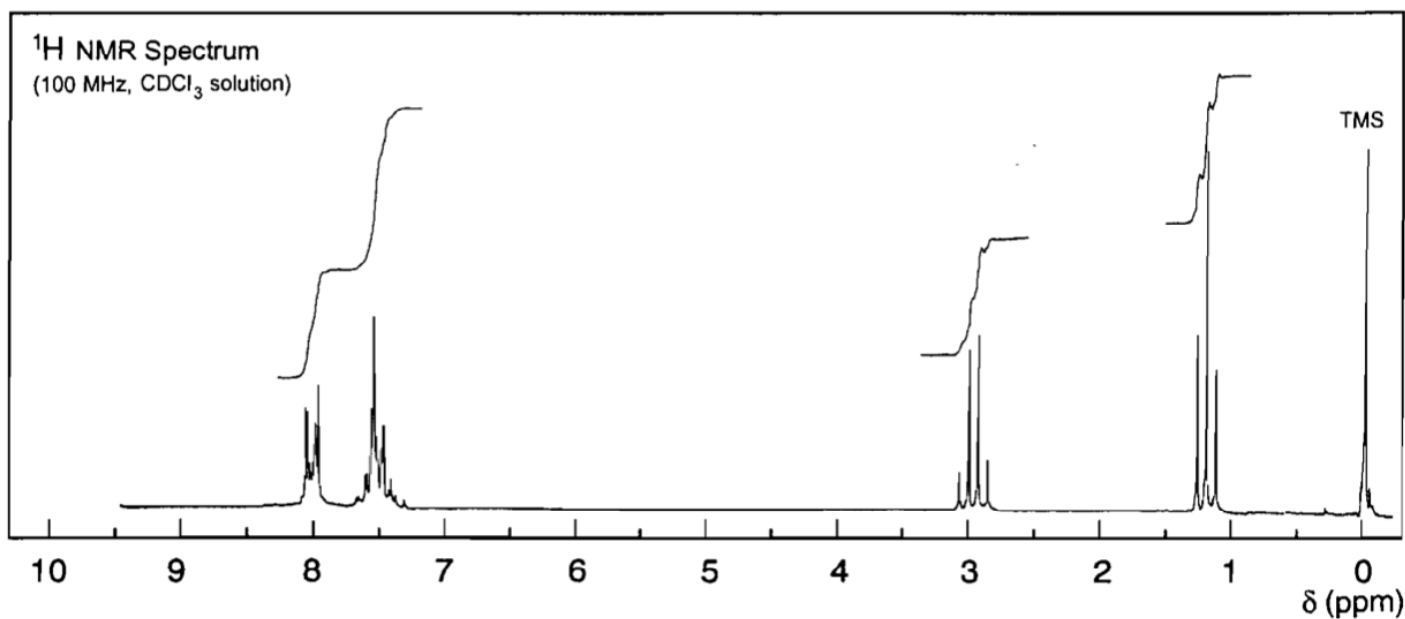


Lista de Exercícios 6 - UV, IV, MS e RMN

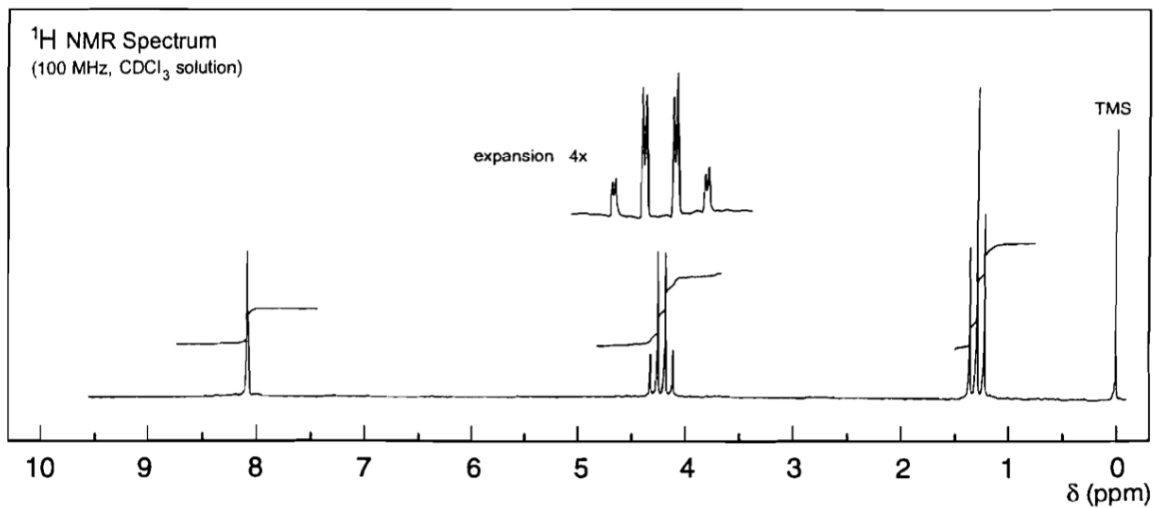
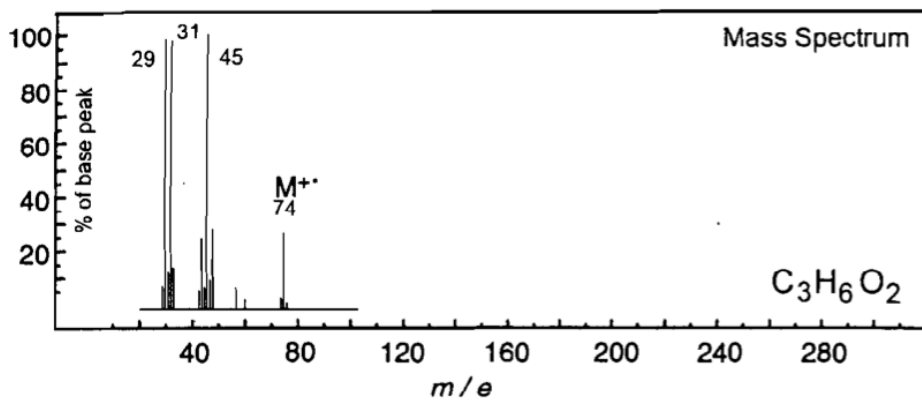
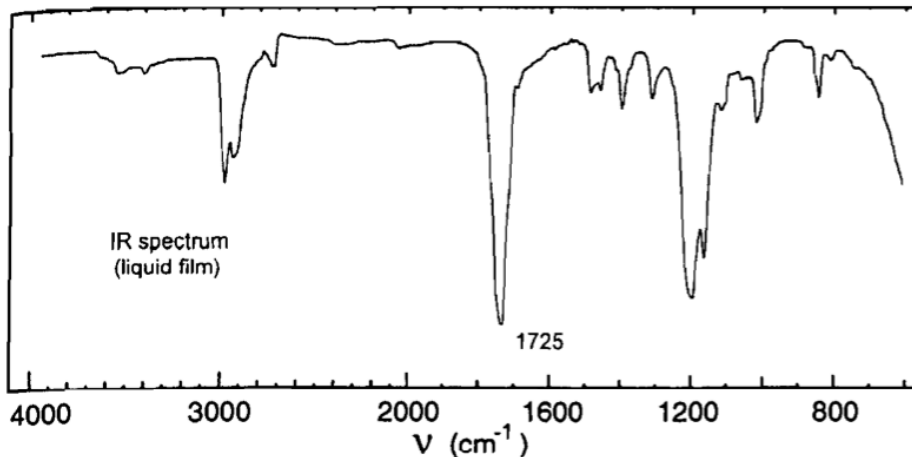
Prof^ª. Dr^ª. Patrícia B. Brondani
(@patyqmc)

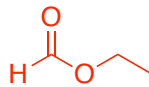
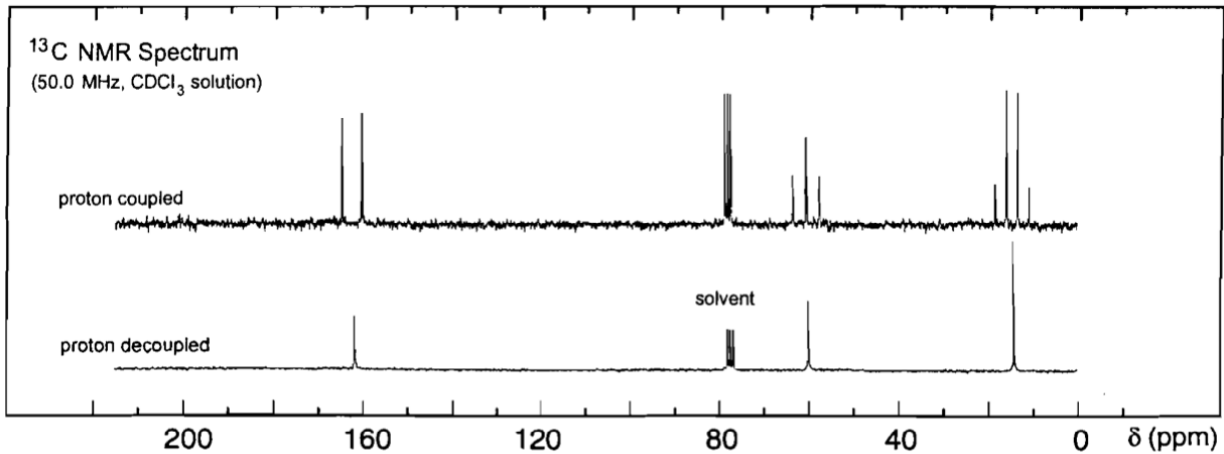
1. Dê a estrutura do composto que gerou os seguintes espectros sabendo que sua fórmula molecular é $C_9H_{10}O$.



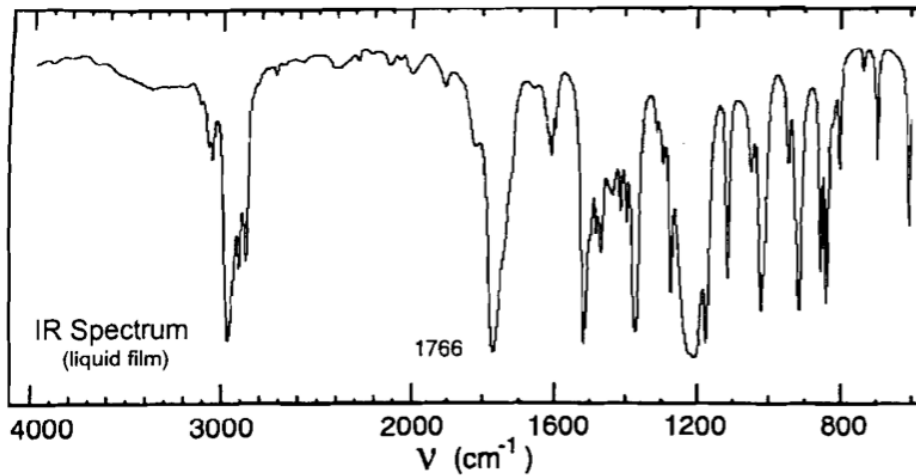


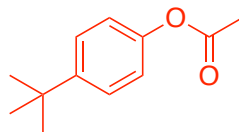
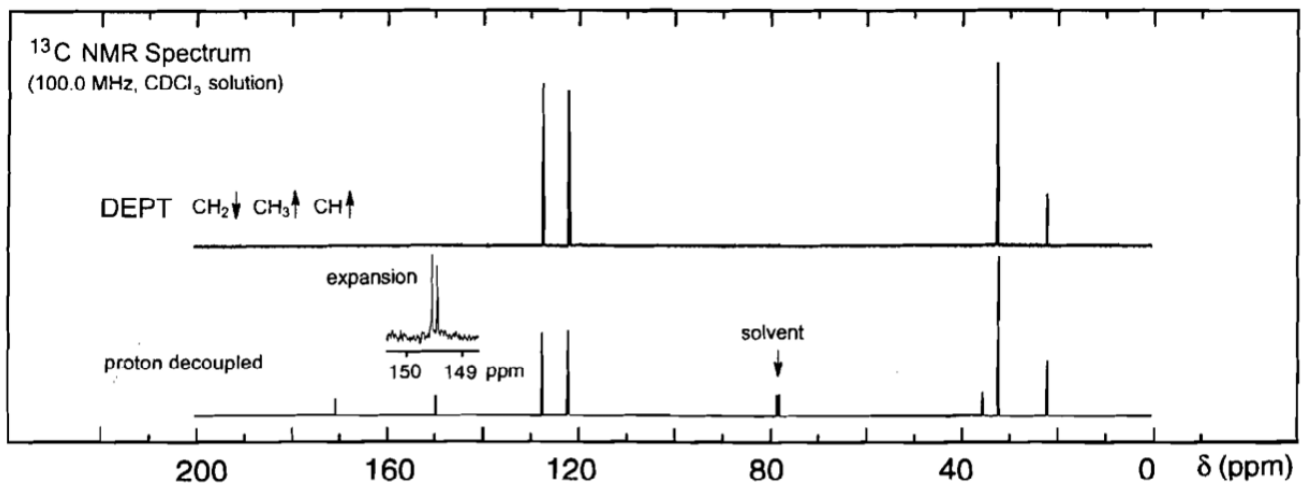
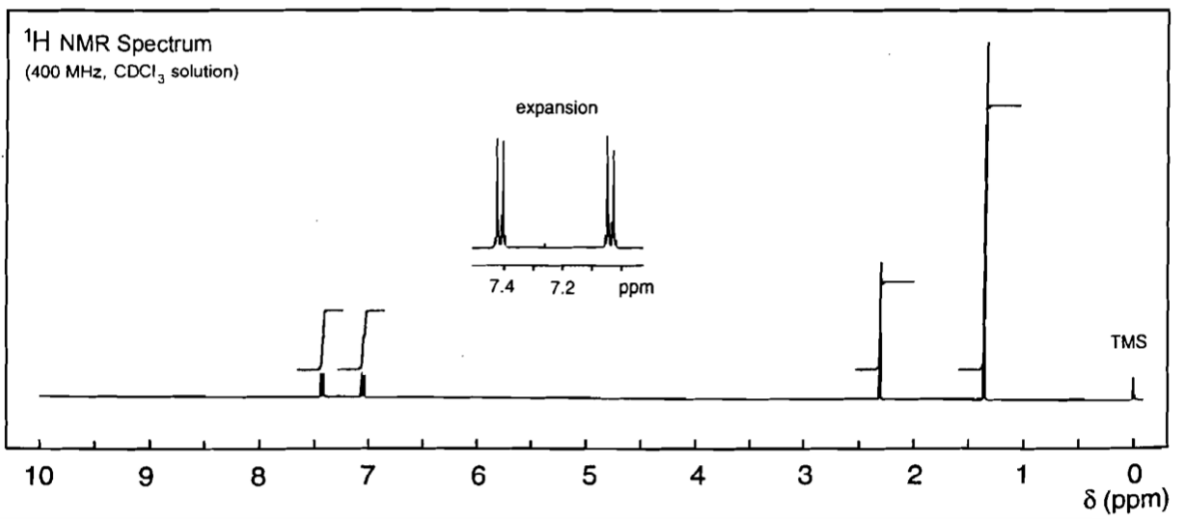
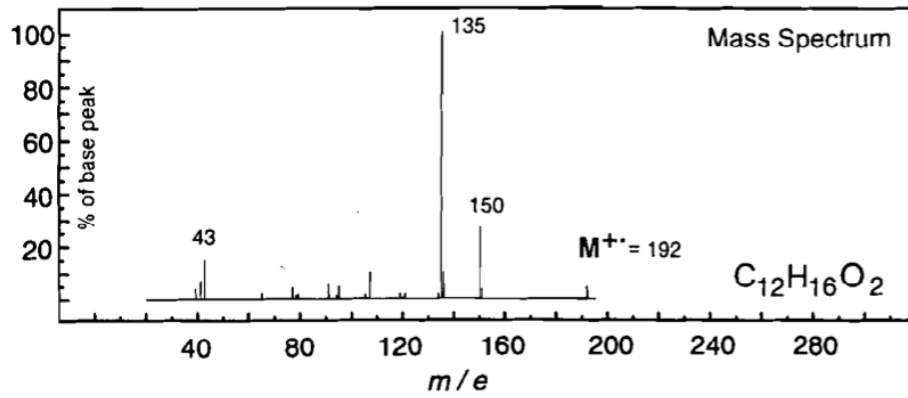
2. Dê a estrutura do composto que gerou os seguintes espectros sabendo que sua fórmula molecular é $C_3H_6O_2$ e que não possui absorção significativa no UV acima de 210 nm.



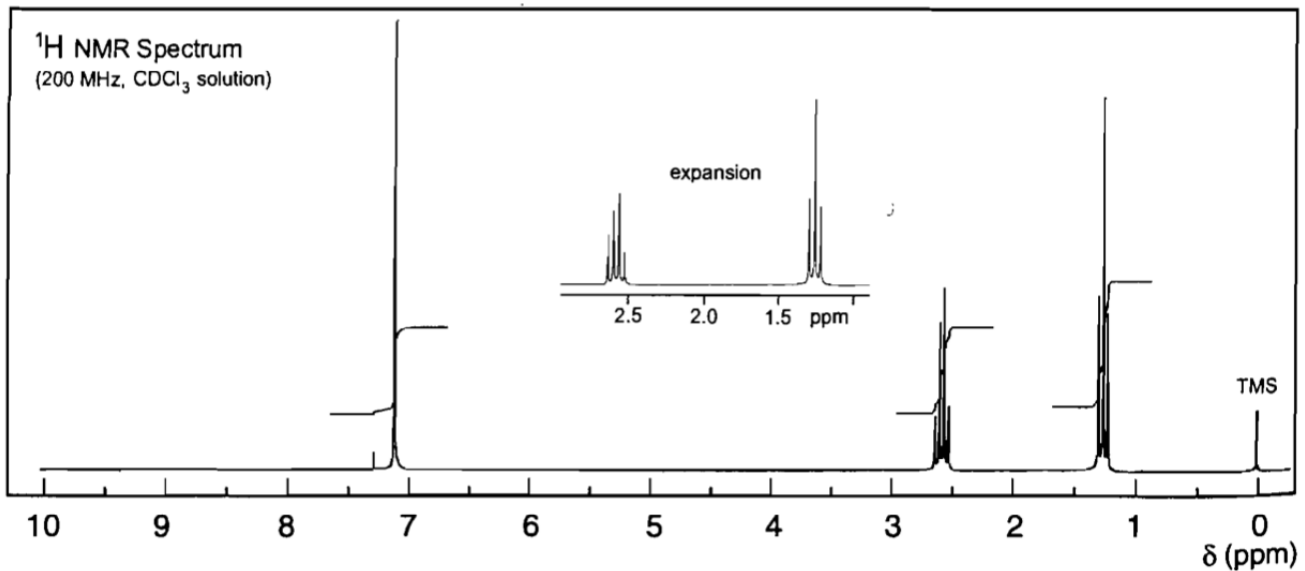
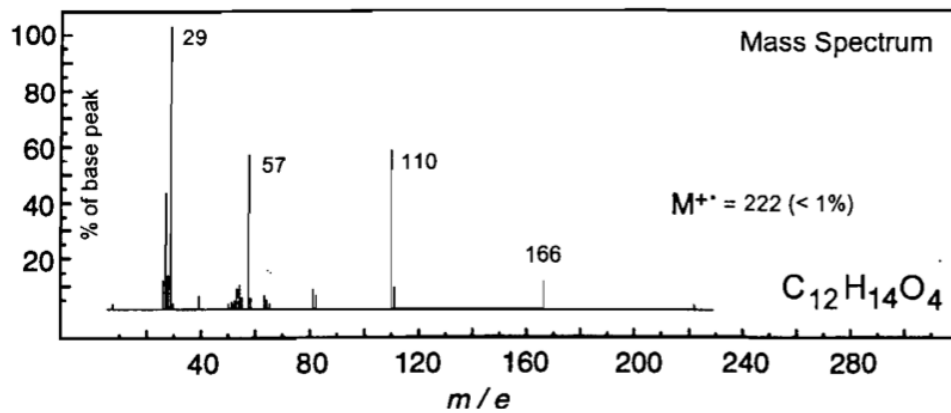
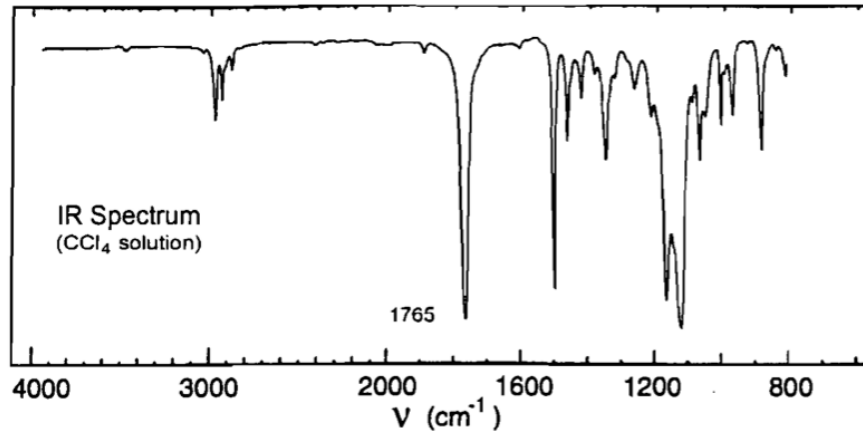


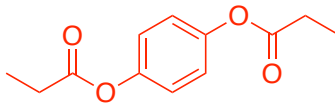
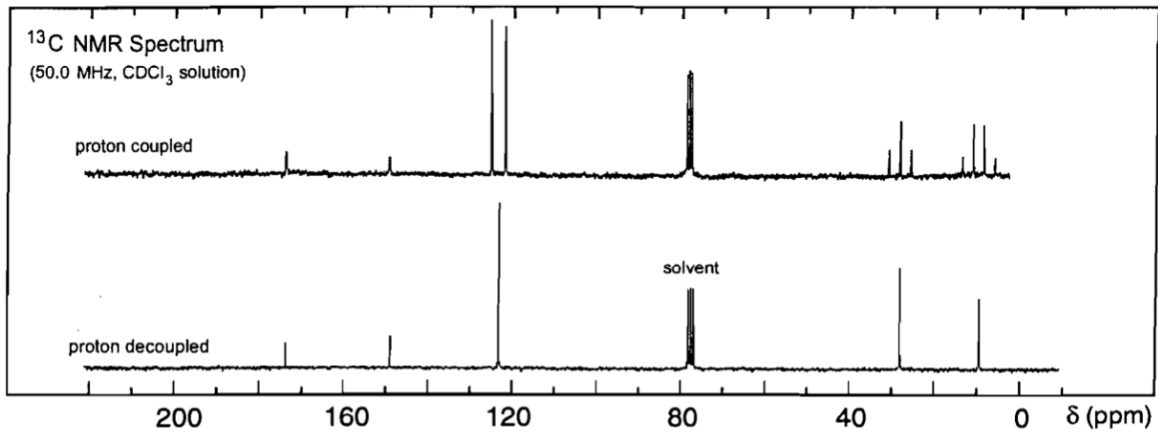
3. Dê a estrutura do composto que gerou os seguintes espectros sabendo que sua fórmula molecular é C₁₂H₁₆O₂ e que aparecem 2 bandas no espectro de UV, uma em 262 nm e outra em 269 nm (solvente metanol).



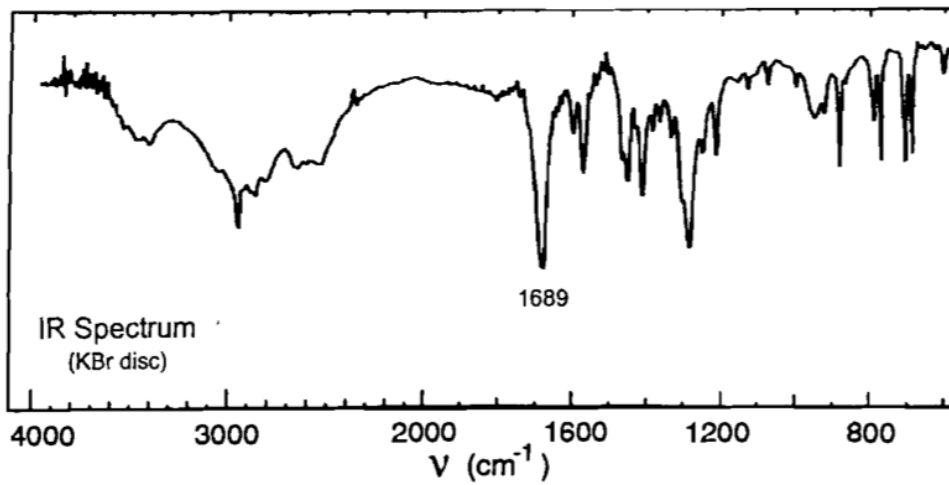


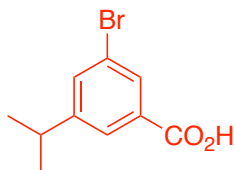
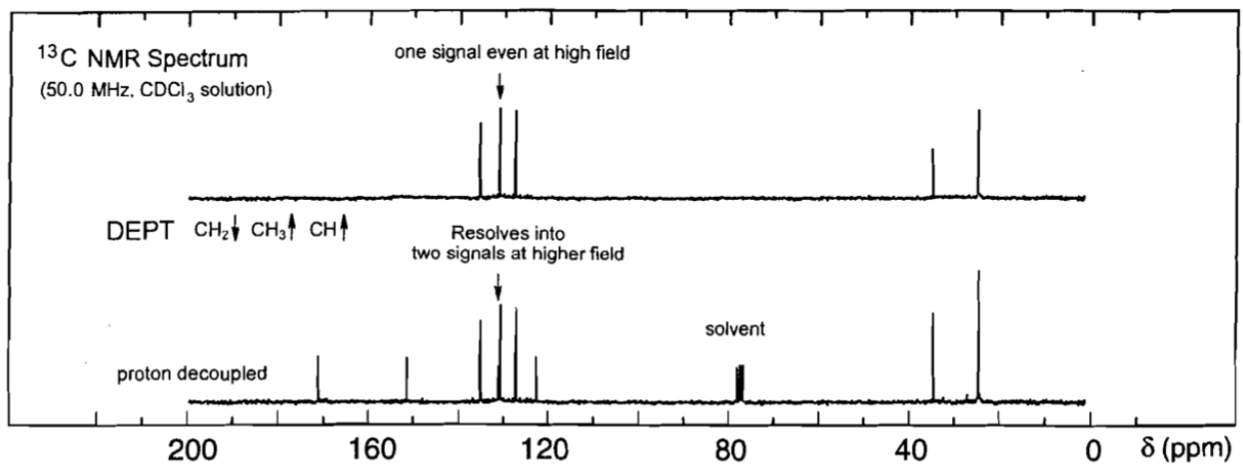
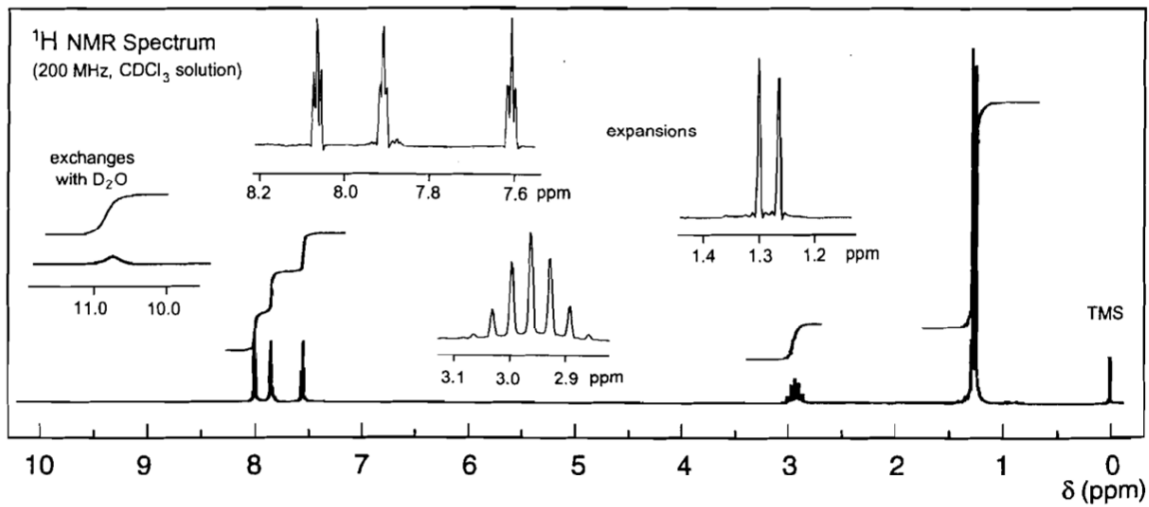
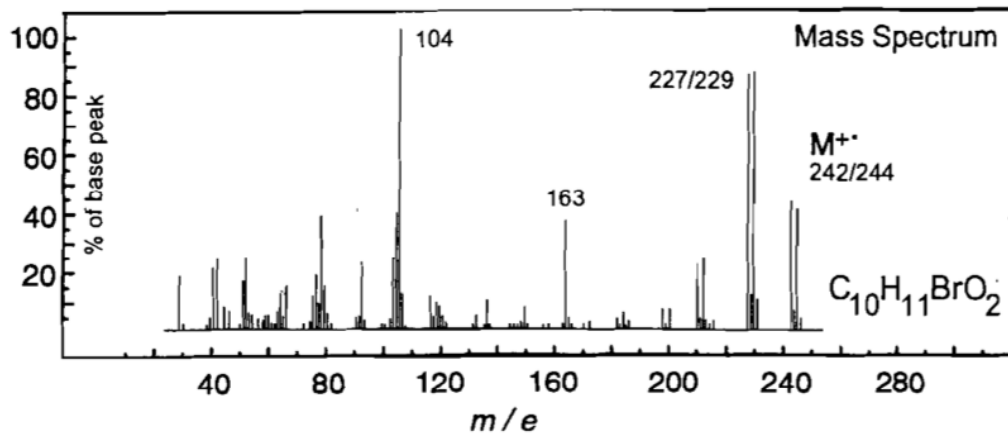
4. Dê a estrutura do composto que gerou os seguintes espectros sabendo que sua fórmula molecular é $C_{12}H_{14}O_4$ e que aparecem 2 bandas no espectro de UV, uma em 269 nm e outra em 263 nm (solvente metanol).



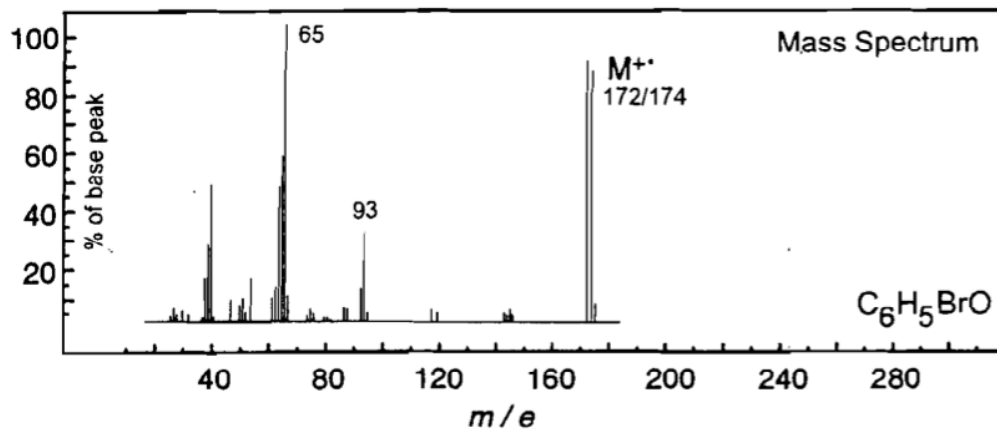
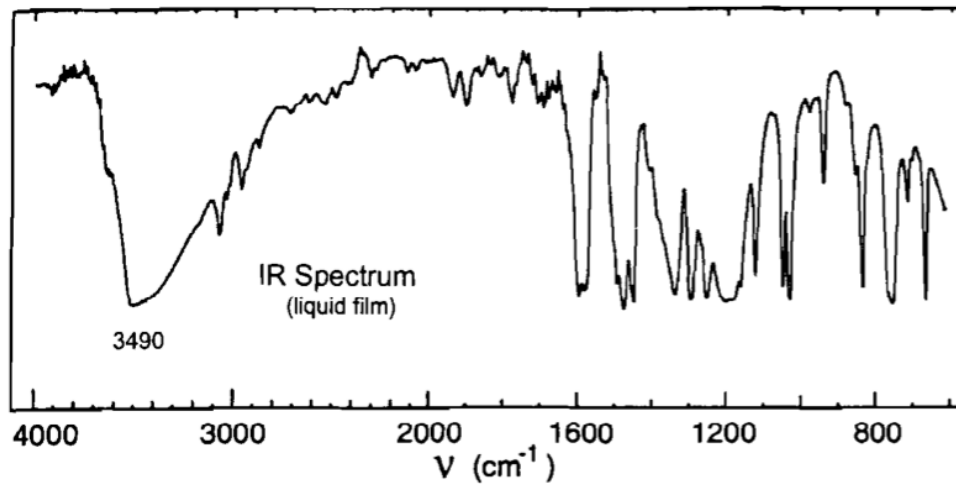


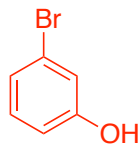
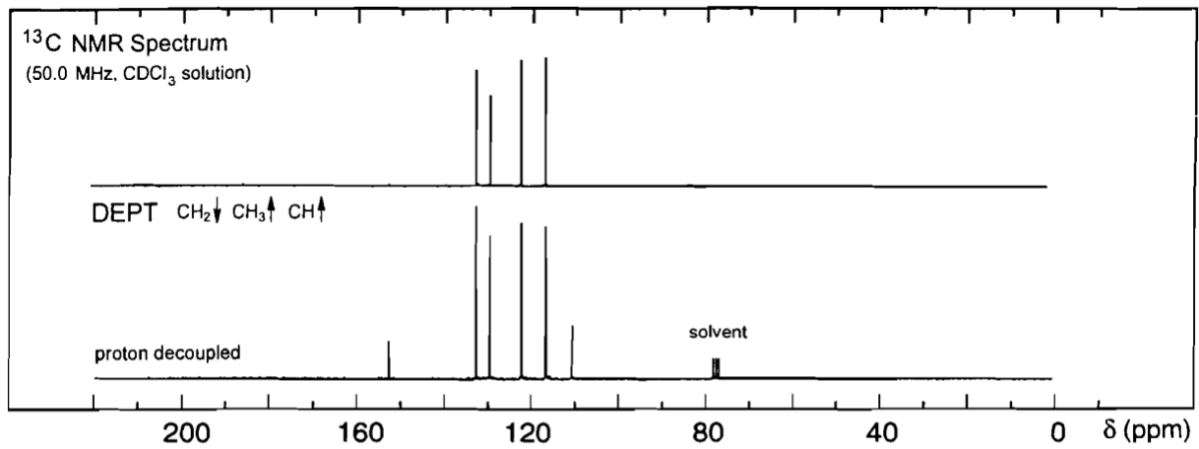
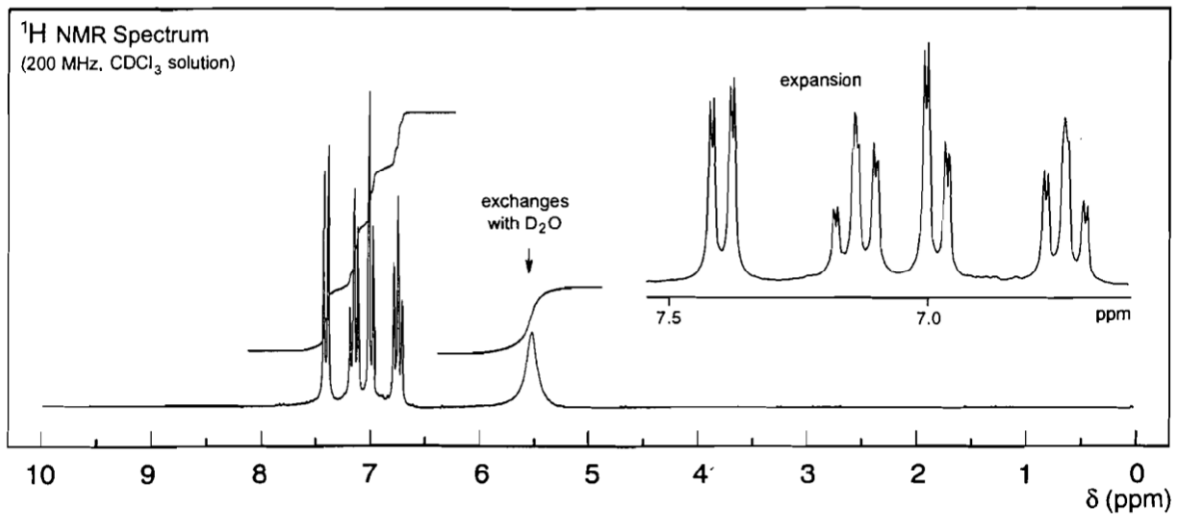
5. Dê a estrutura do composto que gerou os seguintes espectros sabendo que sua fórmula molecular é C₁₀H₁₁BrO₂.





6. Dê a estrutura do composto que gerou os seguintes espectros sabendo que sua fórmula molecular é C_6H_5BrO e que apresenta uma banda em 277 nm no espectro de UV (solvente metanol).





7. Dê a estrutura do composto que gerou os seguintes espectros sabendo que sua fórmula molecular é C₈H₉NO₂.

