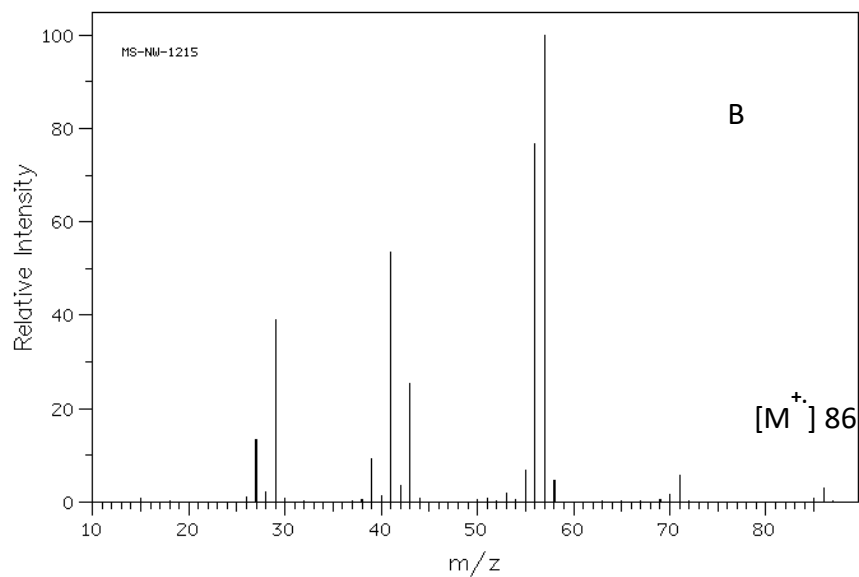
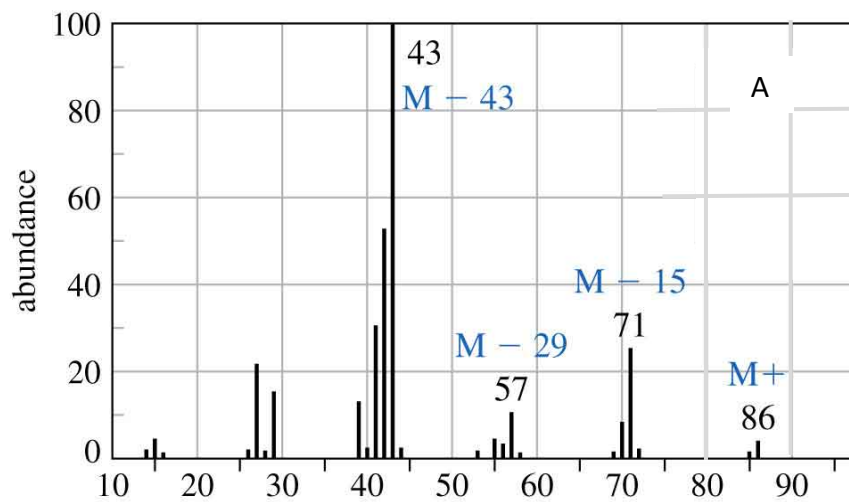
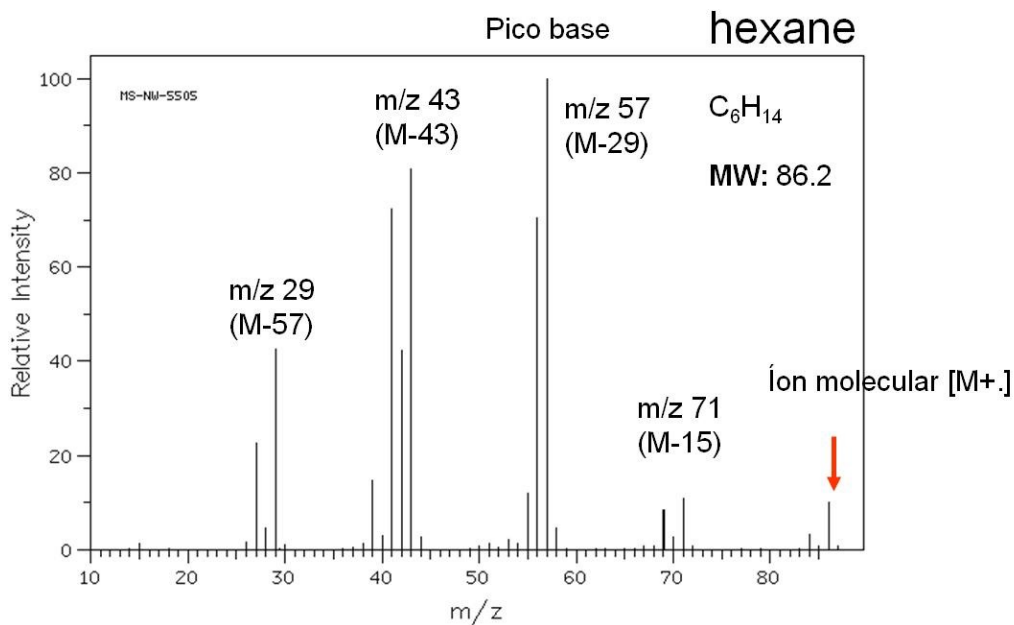
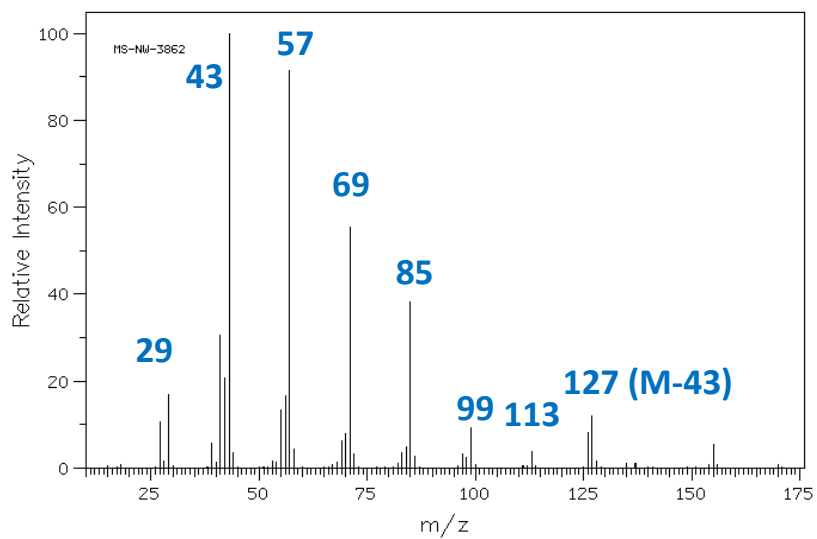
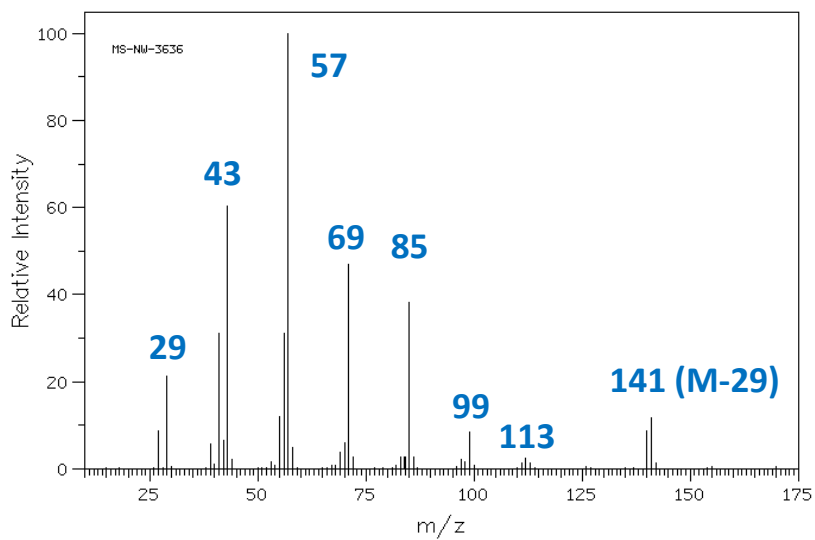


QFL-0341 Lista de exercícios 3 (Espectrometria de Massas)

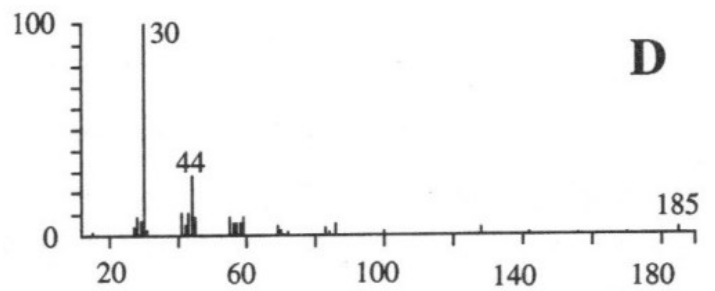
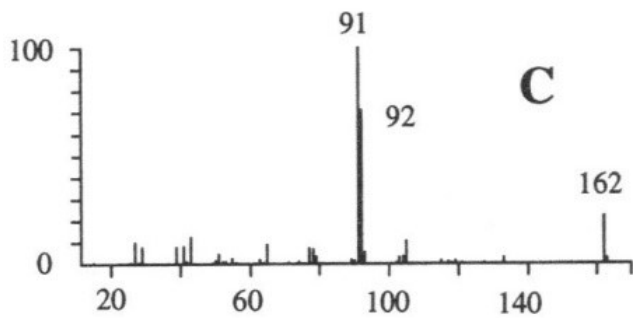
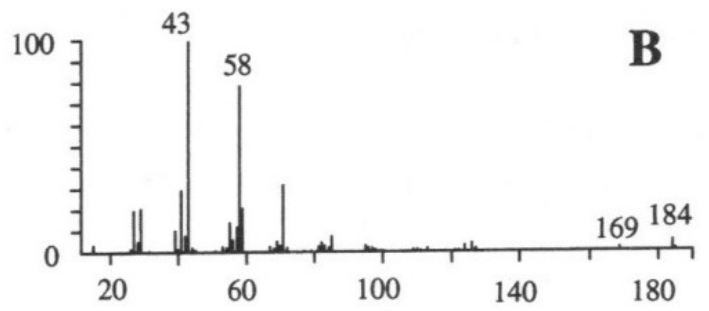
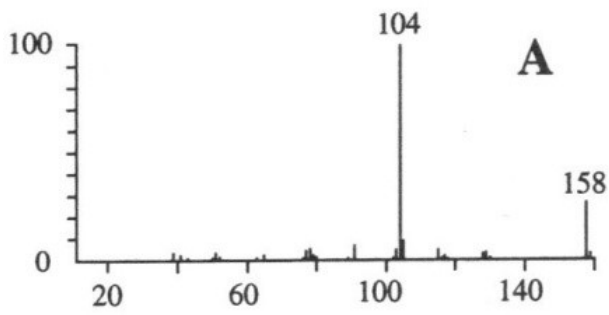
- 1) Considerando-se que o espectro de massas dado abaixo para o hexano, com base nas intensidades relativas dos íons fragmentários, atribua os dois espectros A e B para seus isômeros.



2) Atribua os dois espectros de massas abaixo a dois isômeros ramificados do dodecano (MM 170.33)



3) Os espectros de massas dos produtos A-D correspondem à dodecilamina, 2-dodecanona, 1-fenilexano e 4-fenilcicloexeno. Atribua cada um dos espectros e represente os modos fragmentacionais para cada composto.



- 4) Os espectros abaixo são correspondentes ao 1-pentanol, 2-pentanol e 2-metil-2-butanol. Associe o espectro correspondente à cada uma das substâncias atribuindo os principais íons fragmentários.

