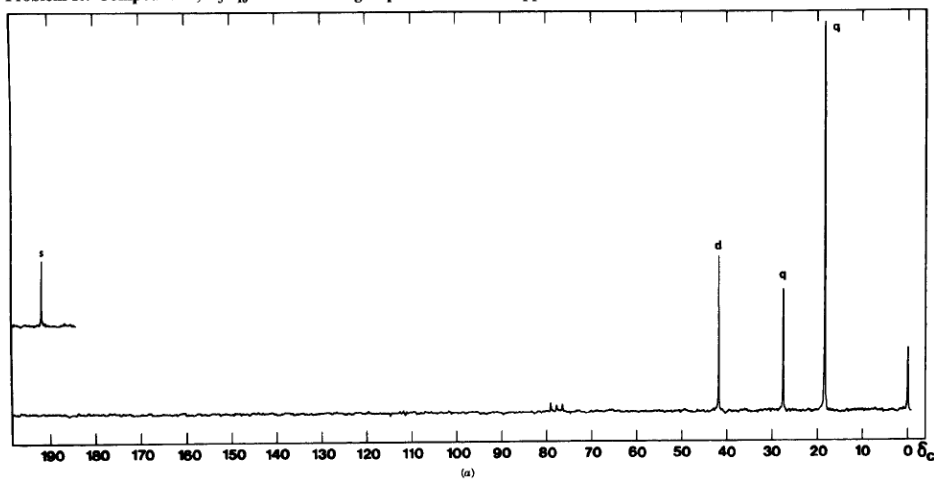


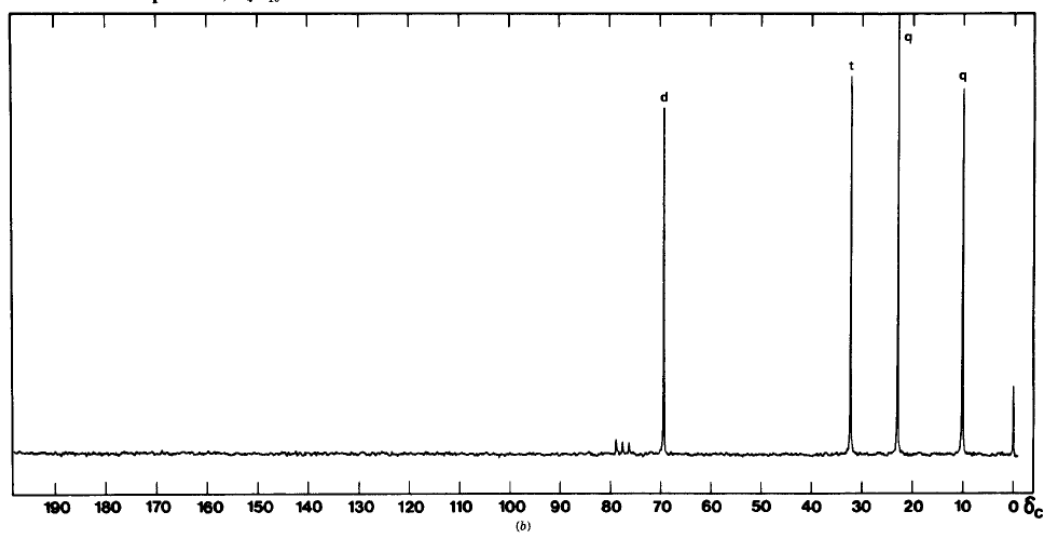
13-NMR Homework

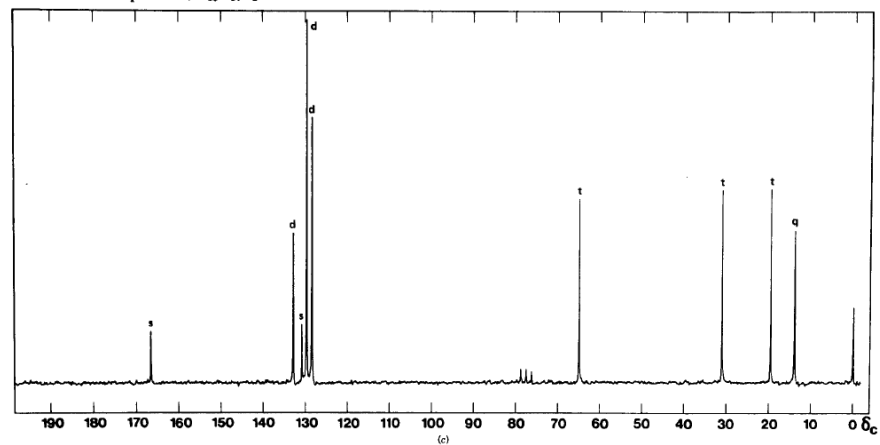
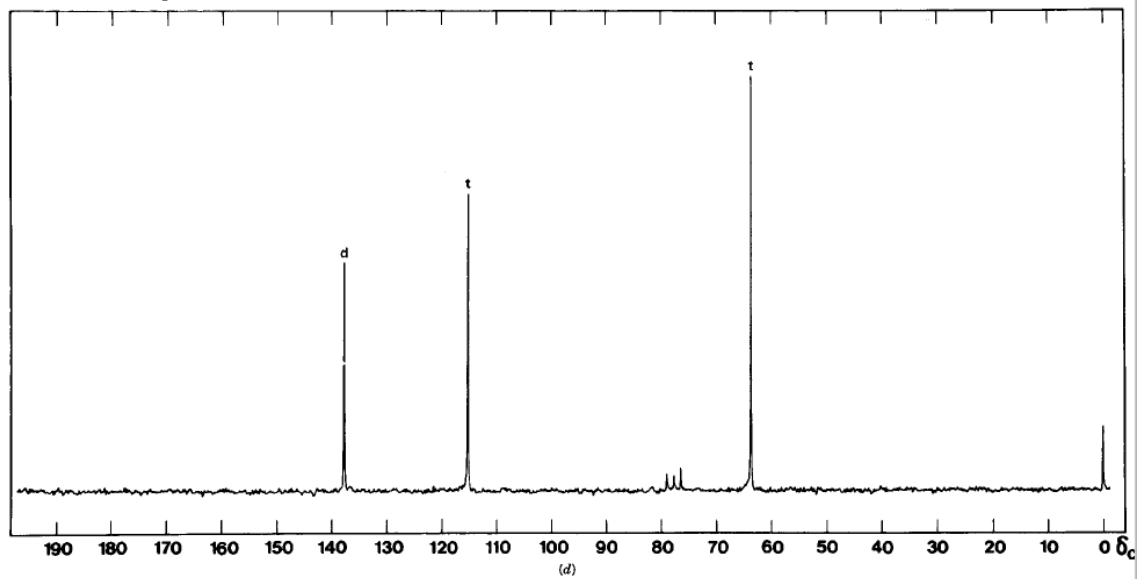
Using their 13-C-NMR analysis draw the structure of the following compounds.

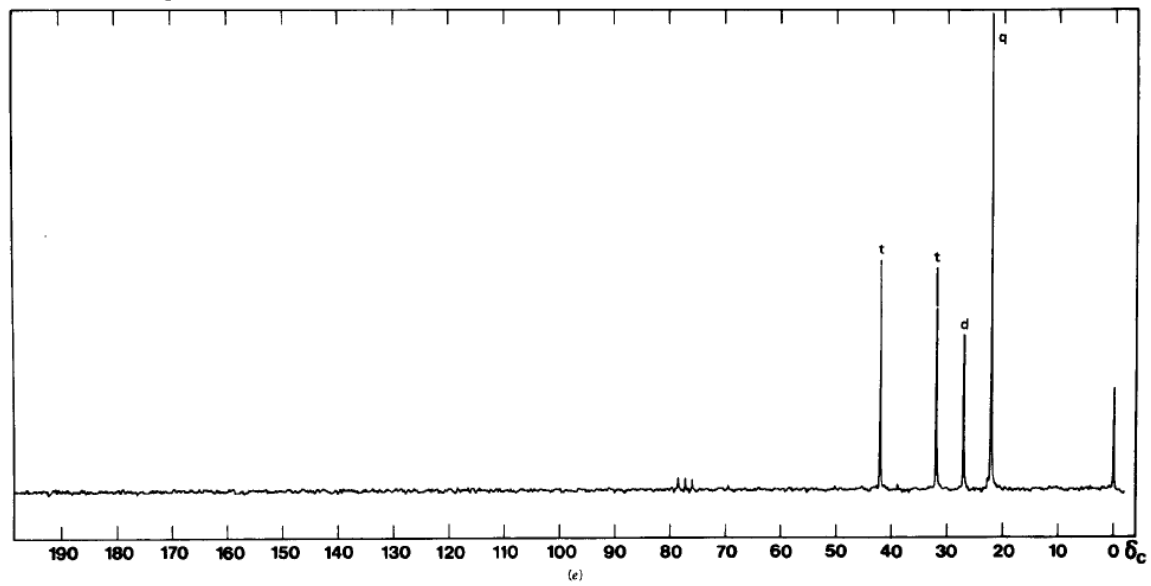
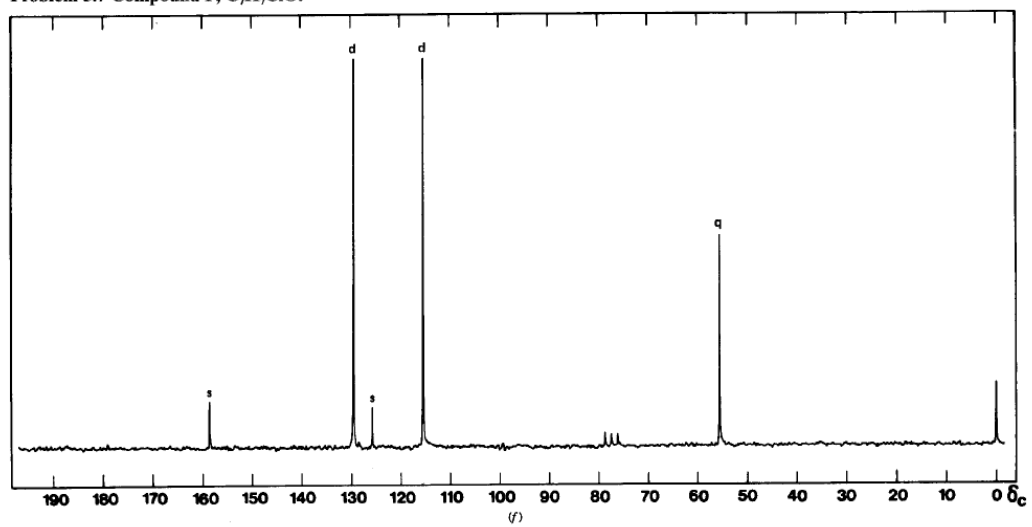
Problem 5.7 Compound A, C₅H₁₀O. The C=O group is offset at 211.8 ppm.

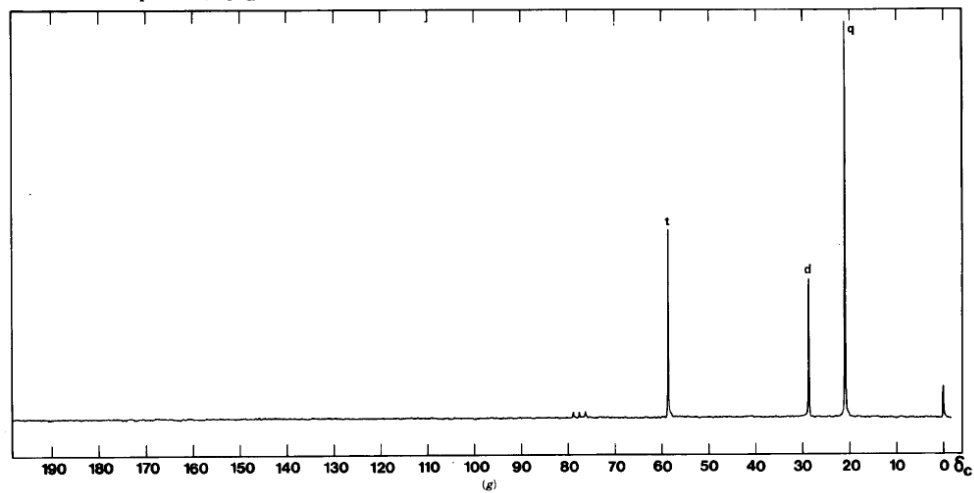


Problem 5.7 Compound B, C₄H₁₀O.



Problem 5.7 Compound C, $C_{11}H_{14}O_2$.Problem 5.7 Compound D, C_3H_6O .

Problem 5.7 Compound E, $C_5H_{11}Br$.Problem 5.7 Compound F, C_7H_7ClO .

Problem 5.7 Compound G, $C_8H_{19}N$.Problem 5.7 Compound H, $C_8H_9NO_2$.