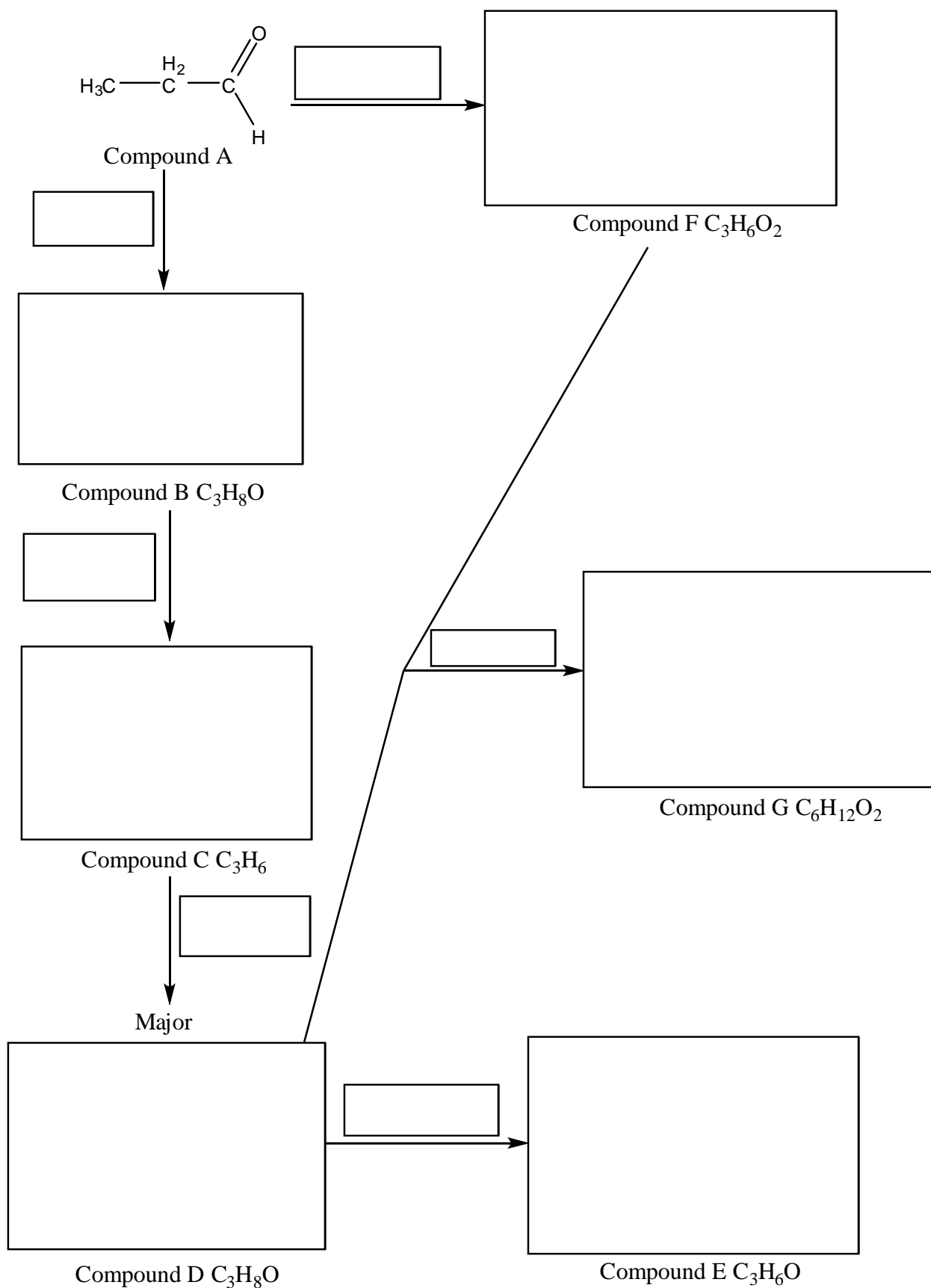


Question One- Complete the reaction scheme



Question Two

Complete the table below, Compound A as an example

	Name	MS m/z	Isotope peak?	Number of ^{13}C peaks and region	IR Functional group and peaks
A	Propanal	58	none	3 carbon environments ~190 – 200 ppm ~20 – 30 ppm ~10 – 15 ppm	C-H 3100 – 2800 cm^{-1} C=O 1850 – 1600 cm^{-1}
B					
C					
D					
E					
F					
G					