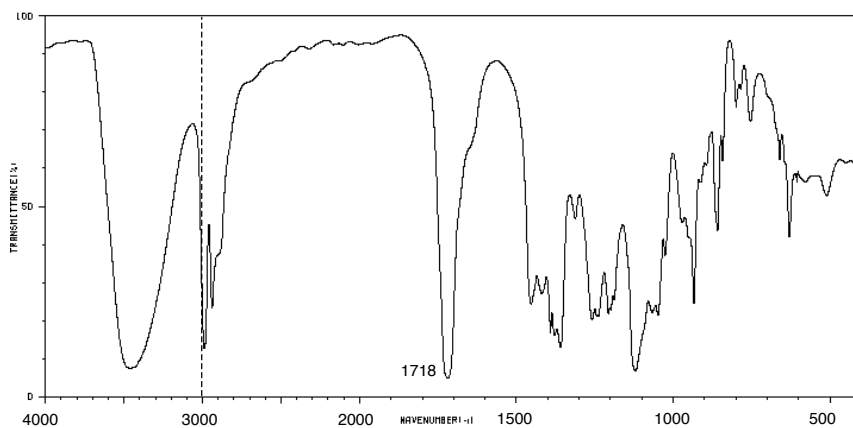
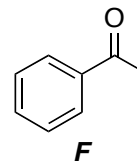
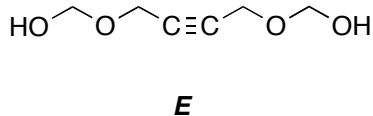
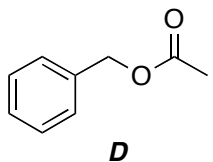
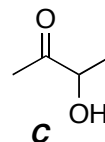
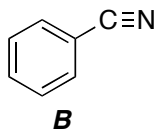
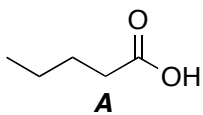


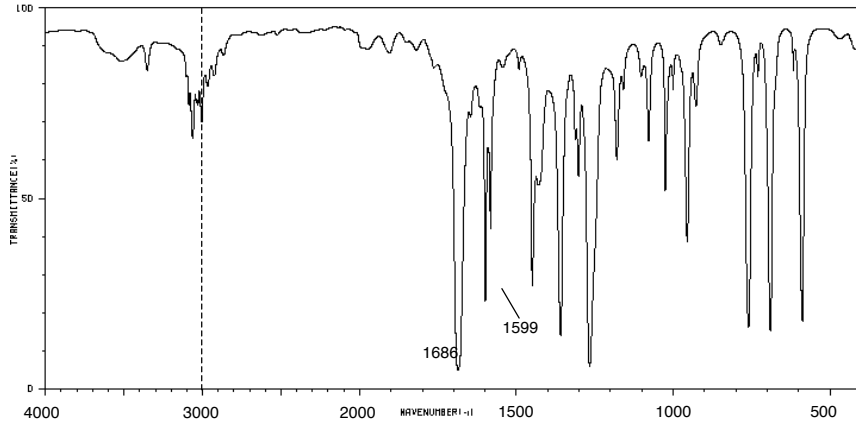
Match the compounds *A-F* with their correct IR spectra on following pages.

On each spectrum, label any absorptions which correspond with the following types of vibrations:

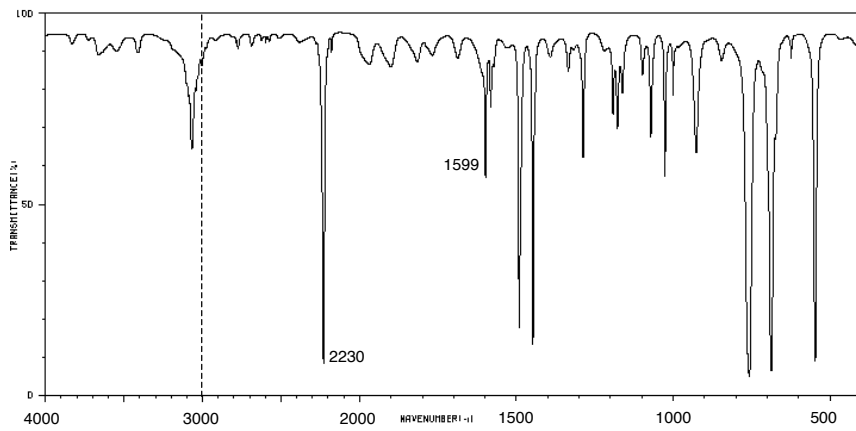
- $sp^3$ ,  $sp^2$ ,  $sp$ , or aldehyde C–H stretch;
- isolated, conjugated, or aromatic C=C stretch;
- C≡C stretch;
- isolated, conjugated, amide, or ester C=O stretch;
- C≡N stretch;
- O–H stretch; or
- N–H stretch.



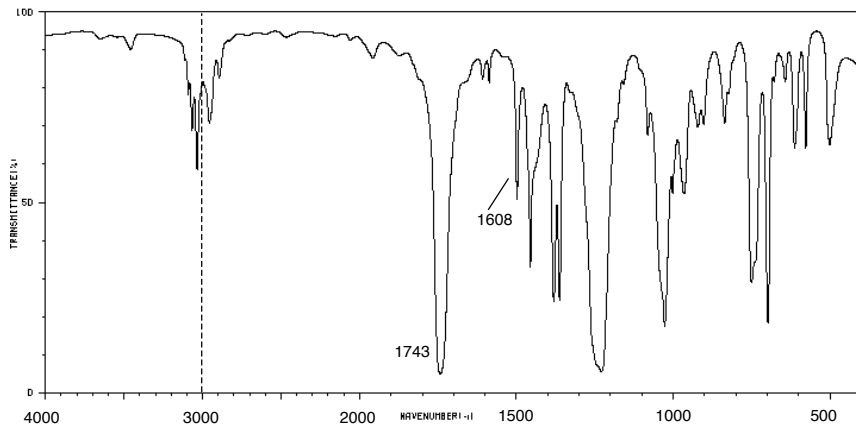
Compound: \_\_\_\_\_



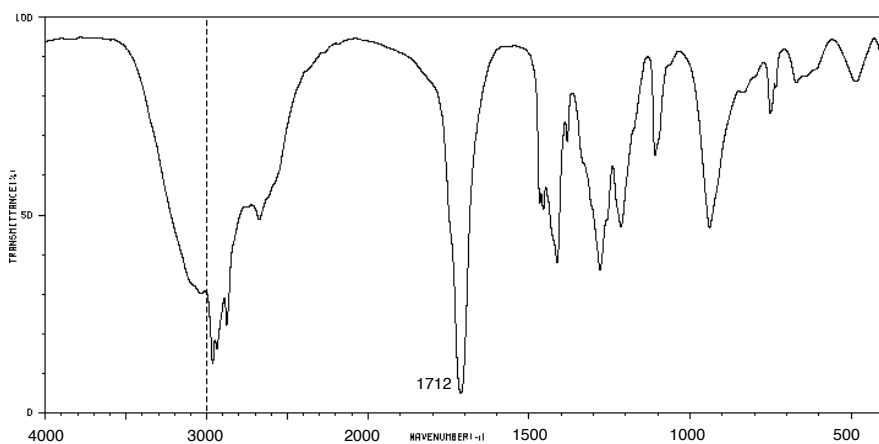
Compound: \_\_\_\_\_



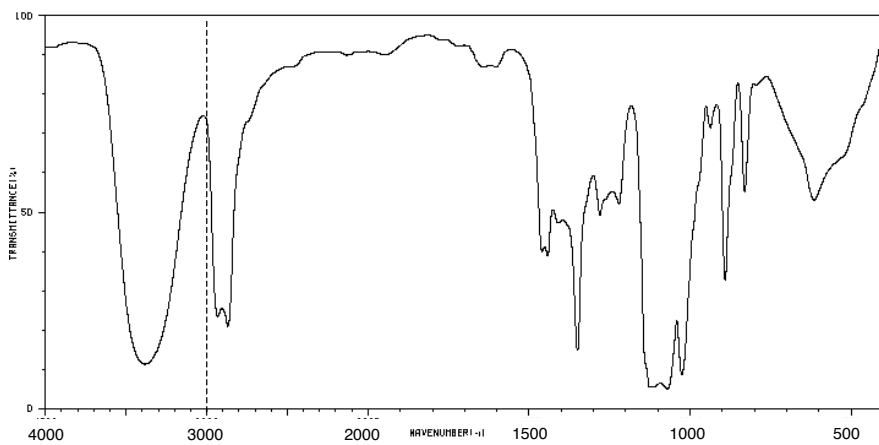
Compound: \_\_\_\_\_



Compound: \_\_\_\_\_



Compound: \_\_\_\_\_



Compound: \_\_\_\_\_