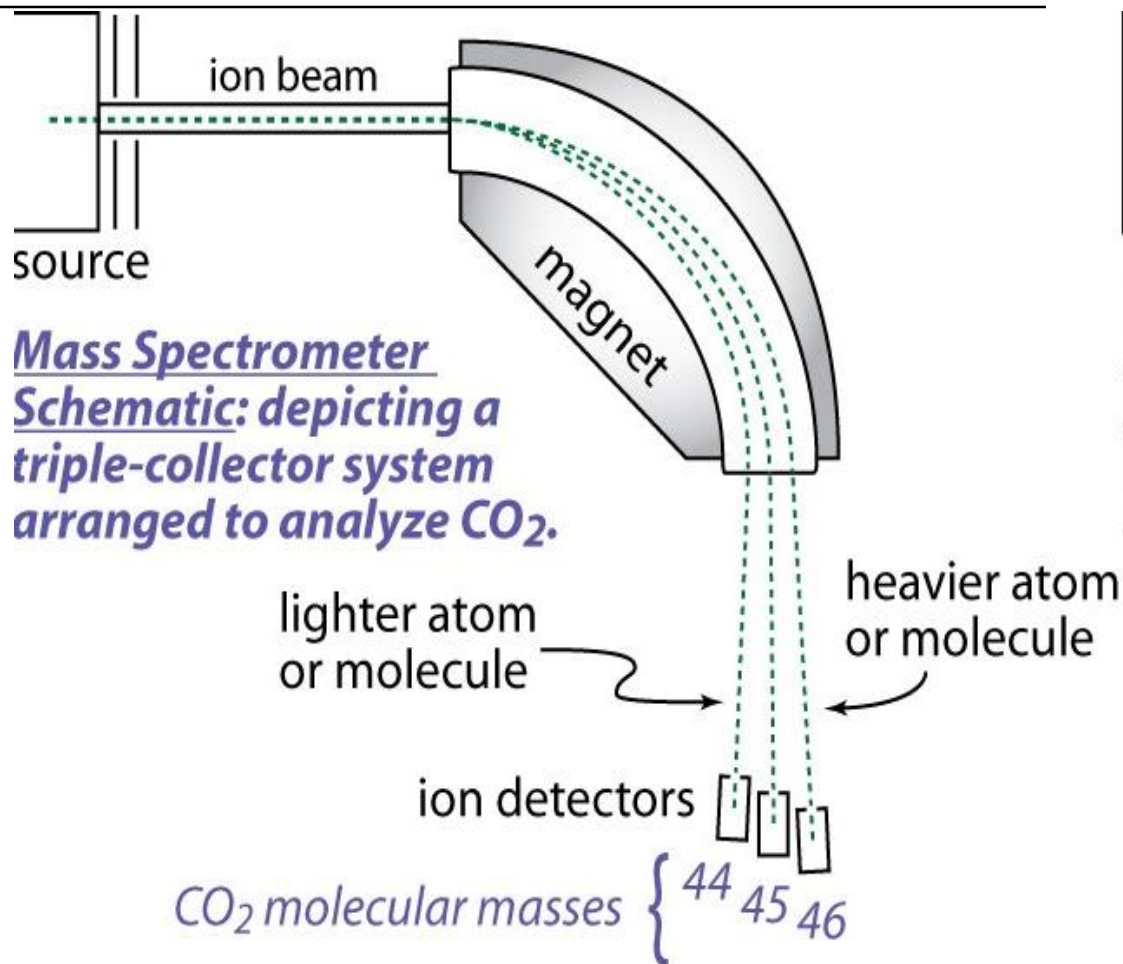


Mass Spectrometry

- Used to determine relative atomic mass, but can also determine unknown compounds and quantify known ones

- Involves vaporization of samples becoming ionized as they are hit with high energy electrons in an ionization chamber



Mass Spectrometry

- By passing particles through a metal plate and observing the extent of the resulting deflections, the mass and relative amounts of all ions can be determined

- Stages:

- Vaporization
- Ionization
- Acceleration
- Deflection
- Detection

