

LC/MS (Liquid Chromatography)

Liquid chromatography separates the sample components and then introduces them to the mass spectrometer. The MS creates and detects charged ions. The LC/MS data may be used to provide information about the molecular weight, structure, identity and quantity of specific sample components.

Example of uses:

- peptide mass fingerprinting
- toxicology screening
- detection of residual chemical compounds
- confirmatory identification of small organic molecules
- confirmation and quantitation of contaminants in pharmaceutical and food samples

