

mass analysis

in mass spectrometry

A process by which a mixture of ionic or neutral species is identified according to the mass-to-charge ($\frac{m}{z}$) ratios (ions) or their aggregate atomic masses (neutrals). The analysis may be qualitative and/or quantitative.

Source:

PAC, 1991, 63, 1541 (*Recommendations for nomenclature and symbolism for mass spectroscopy (including an appendix of terms used in vacuum technology). (Recommendations 1991)*) on page 1545