

laser ionization

in mass spectrometry

Occurs when a sample is irradiated with a laser beam. In the irradiation of gaseous samples, ionization occurs *via* a single- or multi-photon process. In the case of solid samples, ionization occurs *via* a thermal process.

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 1548

Orange Book, p. 204