chemi-ionization

*in mass spectrometry*

This refers to a process whereby gaseous molecules are ionized when they interact with other internally excited gaseous molecules or molecular moieties. Chemi-ionization and chemical ionization are two terms which should not be used interchangeably. *See also:* associative ionization, chemical ionization

**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 1547
Orange Book, p. 204