

WILEY

Mass Spectra of Volatiles in Food (SpecData)

2nd Edition

Central Institute of Nutrition and Food Research

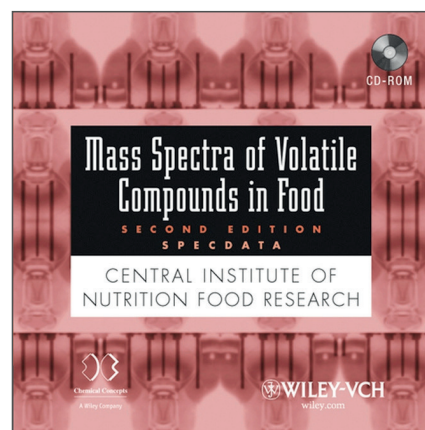


This database is only available as part of the Food, Flavors, Fragrances, and Related Compounds: GC-MS Library and the KnowItAll Mass Spectral Library subscriptions.

Extensive volatile compounds database for food analysis

The *Mass Spectra of Volatile Compounds in Food* collection includes 1,620 reference mass spectra and covers the whole range of volatile compounds in food. Created by the Central Institute of Nutrition and Food Research, the database also features derivatives of non-volatile compounds, such as sugars or polyhydroxyphenols.

Apart from the large number of natural, nature-identical, and artificial flavors and aromas, there are food additives and solvents, pesticides and veterinary pharmaceutical compounds, which are frequently found as residues. Frequently present compounds include alcohols, ethers, aldehydes, ketones, acetals, ketals, acids and esters. Additional component information such as chemical structure, chemical name, molecular formula, nominal mass (as Mol Wt.), and base peak are also included.



Specifications

- Spectra: 4,182
- Structures: 4,182
- Unique Compounds: 3,927



Compatibility

Compatible with most current and legacy mass spectrometry data systems. For full compatibility information please visit sciencesolutions.wiley.com/compatibility



Ordering Information

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Trusted Data from a Trusted Source

Wiley is the authoritative source for spectral data. Our renowned databases are processed according to rigorous protocols to ensure they are of the highest quality. Qualification procedures start at data acquisition and continue throughout the database development process. Any data acquired from trusted partners is thoroughly vetted before inclusion in our collections.