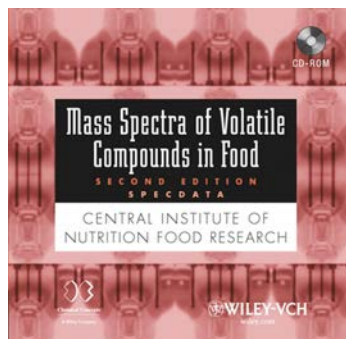


Mass Spectra of Volatiles in Food (SpecData), 2nd Edition

Central Institute of Nutrition and Food Research



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 including:

- Agilent ChemStation
- Benchtop/SPC
- Finnigan GCQ, SSQ, TSQ, Ion-Trap, INCOS
- Fisons VG Masslab
- NIST MS Search
- Shimadzu QP-5000
- Thermo Galactic SpectralID, Xcalibur
- Varian ITS
- ACD/Labs ACD/Spectrum Processor*
- Bio-Rad KnowItAll® *
- Wiley Spectra Lab*

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