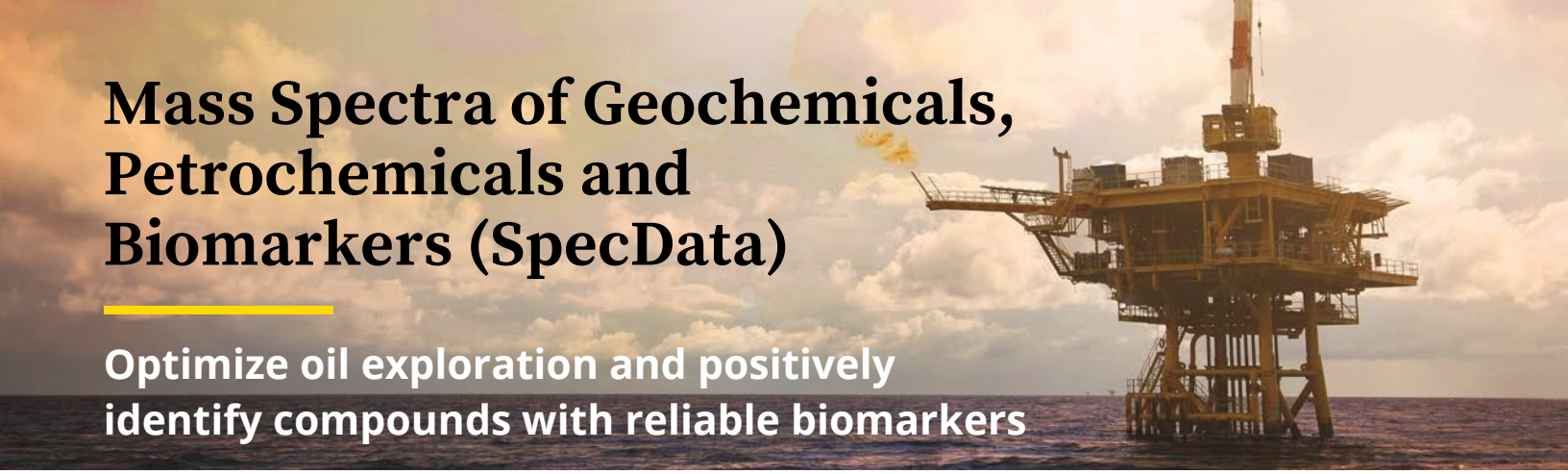
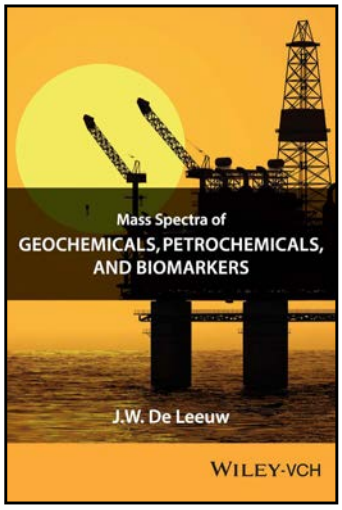
Mass Spectra of Geochemicals, Petrochemicals and Biomarkers (SpecData)



Optimize oil exploration and positively identify compounds with reliable biomarkers



Mass Spectra of Geochemicals, Petrochemicals and Biomarkers (SpecData) is a high-quality database for organic, geo, and/or petrochemist featuring **1,093 mass spectra** of well-defined compounds. Chemical structures elucidated, if necessary, by a variety of techniques including NMR spectroscopy and single-crystal x-ray structure analysis.

The spectra were collected during an extensive project on the occurrence of resistant biomacromolecules and lipids in sedimentary organic matter and mechanisms of fossil fuel generation, as well as the chemistry of organic sulphur in the geosphere. The spectra have been measured by J. W. de Leeuw's group in the Department of Marine Biogeochemistry at the Netherlands Institute of Sea Research (NIOZ).

The substances have been carefully isolated and purified. Substance classes include saturated and unsaturated aromatic hydrocarbons, aromatic and non-aromatic sulphur and oxygen compounds, terpenes, and steroids and their degradation products.

Specifications

- Mass Spectra: 1,093
- Structures: 1,087
- Unique Compounds: >1,080

Compatibility

Compatible with most current and legacy mass spectrometry data systems including:

- Agilent ChemStation, MassHunter, OpenLab
- Bruker MS Workstation
- Chromatec Analytic
- JEOL msFineAnalysis
- LECO ChromaTOF
- NIST MS Search
- PerkinElmer TurboMass
- Scion MS Workstation
- Shimadzu GCMSsolution
- Thermo Chromeleon, TraceFinder, Xcalibur
- Waters MassLynx
- ACD/Labs ACD/Spectrus Processor*
- Bio-Rad KnowItAll® *
- Wiley Spectra Lab*

Ordering Information

Mass Spectra of Geochemicals, Petrochemicals, and Biomarkers (SpecData)
DVD-ROM ISBN: 978-0-471-64798-0

*Subscription required

https://sciencesolutions.wiley.com

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