

MASS SPECTROMETRY: OVERVIEW FOR CHROMATOGRAPHERS

BASIC FUNDAMENTALS IN GCMS TECHNOLOGY

Suitable for:

Professionals who want a complete overview of the MS possibilities in combination with GC.



Course topics:

- Terminology and concepts within mass spectrometry
- Basic structure and operation (interface, ion sources, vacuum, mass analyzers, detectors) of a mass spectrometer
- Low resolution versus high resolution and accurate mass
- The concepts of Full Scan, SIM, SRM, timed and simultaneous measurements
- Mass analyzers: quadrupole, triple quadrupole, Time Of Flight, Orbitrap
- Points of interest for qualitative and quantitative measurements:
Library Search and construction, quant ion, qual ion, Ion Ratio Confirmation, XIC
- Important GC parameters for measurements with MS
- Tuning and calibration in GCMS
- Case studies on the different analysers
- SIFT: Quantitative MS without GC separation

2-DAYS TRAINING

TYPE COURSE	Brand independent
	2 days
DATA	8-9 october 2024
PRICE	€ 1825,-

CHROMATOGRAPHY IS EVERYWHERE, KNOWLEDGE IS HERE – IS-X ACADEMY



Check www.isx-academy.com ook voor aanvullende diensten en events.

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