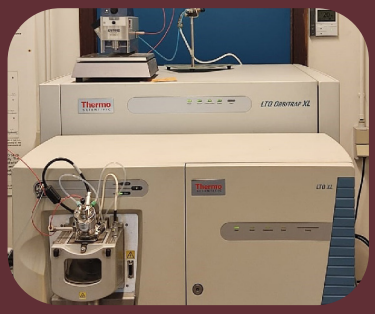
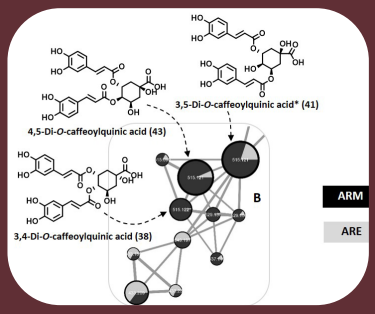
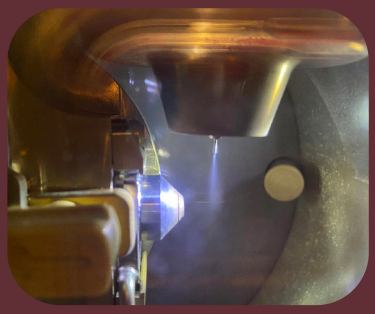
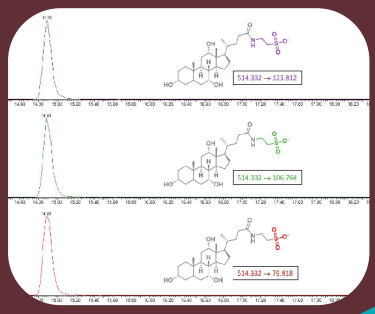








MASSMET

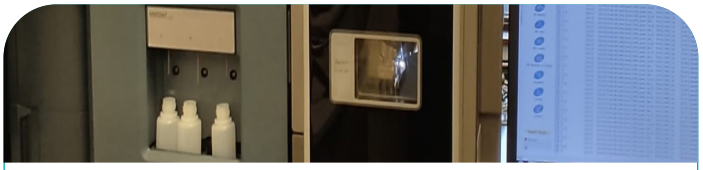
Mass spectrometry of metabolites and compounds of pharmaceutical and biological interest

WHAT WE OFFER : SERVICES & EXPERTISE

- Identification and quantification of metabolites from complex matrices (biological fluids, tissues, cells, plants...)
- Full development of chromatographic methods coupled to mass spectrometry detection
- Quantitative analysis of endogenous and exogenous molecules in biological matrices
- Support for data interpretation and project/ manuscript writing

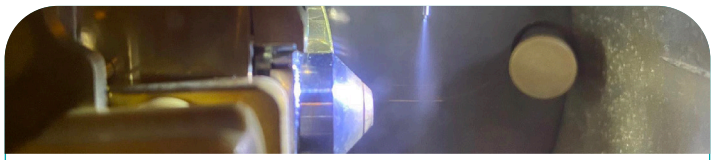
LTQ-Orbitrap XL

- High resolution mass spectrometer coupled to LC
- ESI and APCI probes
- Identification using ion fragmentation LC-MS/MS (including high-resolution on daughter ions)
- Coupled to UV-DAD



Xevo TQ-S

- High sensitivity mass spectrometer coupled to UPLC
- ESI and APCI probes
- Quantification of low abundance molecules



Available expertise

- Set up of extraction protocols for molecules of interest
- Optimization of MS detection (e.g. HRMS, MS/MS, ...)
- Set up of chromatographic separations
- Validation of LC-MS methods
- Outstanding expertise in lipid mediators and plant secondary metabolites

CONTACT

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Picture credits : MASSMET

www.uclouvain.be/massmet

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