Unlock absorption mode Fourier transform capability for your FTMS platform, and much more.

AutoVectis Pro

AutoVectis

AutoLogis

AutoSeequer

Discharger

In a partnership with Dr. David Kilgour
www.kilgourlab.com
AutoVectis Suite

- FTMS data representation in **absorption mode**, instead of the usual magnitude mode, lets you detect more peaks and gives you improved mass accuracy. Or, it lets you record mass spectra up to twice as fast. As a data post processing technique, it does not require any changes to the instrument. Using powerful algorithms, **AutoVectis Pro** automates the steps required to produce and process absorption mode mass spectra so the benefits can be easily enjoyed by everyone.

- A graphical user interface and built-in help system lead users through FTMS absorption mode FT (aFT) data processing (AutoVectis Pro) and low-resolution deconvolution (Discharger).

- Built-in tools include advanced peak detection (AutoPiquer), top-down protein sequencing (AutoSeequer), and petroleomic/DOM assignments (AutoLogis).
Key features

- Easy to learn, absorption mode Fourier transform (aFT) signal processing for FTMS;
- Advanced capabilities and powerful algorithms, but simple to use;
- Support for single mass spectra, and also LC-MS data and FTMS images;
- Support for data formats of common FTMS instruments and software;
- Configured for petroleomic, proteomic or any high mass accuracy application;
- Is compatible with Peak-by-Peak, for easy integration and data code processing;
- Developed in collaboration with Dr. David Kilgour – www.kilgourlab.com
References

Top-down mass spectrometry:

Dissolved organic matter (DOM) analysis:

Native mass spectrometry:

Resources

MS training videos
https://tinyurl.com/kcue9wkt

AutoVectis videos
https://tinyurl.com/4tzz6nw4