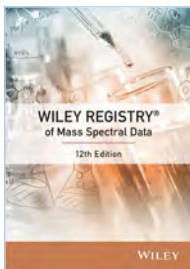
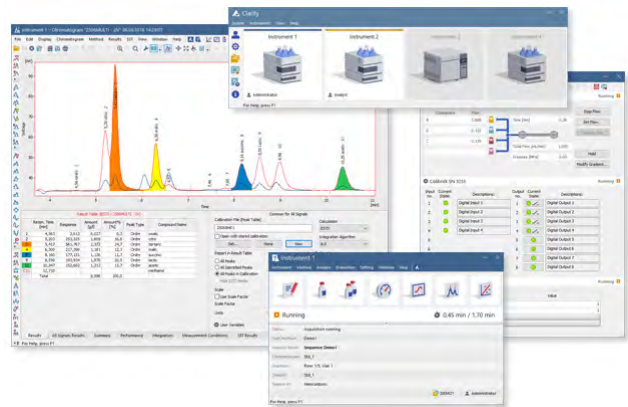


# Powerful Control by YL-Clarity Software

## YL-Clarity

YL-Clarity is a powerful and intuitive software which offers easy control of the mass spectrometers and supports the full compatibility with Wiley and NIST mass spectral library automatically to identify and name compounds. The software allows the MS to be run on scan mode and SIM mode simultaneously in one chromatographic analysis.



## GC/MS Library: Wiley

The Wiley Registry of Mass Spectral Data, now in its 12th edition, is the most comprehensive spectral library available. Identification of unknowns begins with untargeted analysis and this library provides researchers with the most assurance that their untargeted spectral search is the broadest available. Wiley's broad and field-tested spectral libraries save time, increase instrument efficiency and boosts staff productivity.



## GC/MS Library: NIST

NIST 2020 is the most compatible available, containing multiple instrument formats. Including NIST MS search, it's made up of three libraries, an Electron Ionization (EI) mass spectral library, a MS/MS library, and a GC Retention Index library.

GC - MS Data		
Library	Wiley Registry 12 <sup>th</sup> Edition	NIST 2020
Spectra	817,290	350,643
Chemical Structures	785,061	350,643
Compounds	668,452	306,869

## Easy and Intuitive Tune Software

The easy-to-use automatic tune enhances sensitivity, stability and reproducibility of MS results, which means it makes sure of achieving lower detection limits for trace-level compounds. A manual tune for customization supports to change tune setting values to achieve higher levels of sensitivity required by certain specific analysis.

