Agilent

Trusted Answers

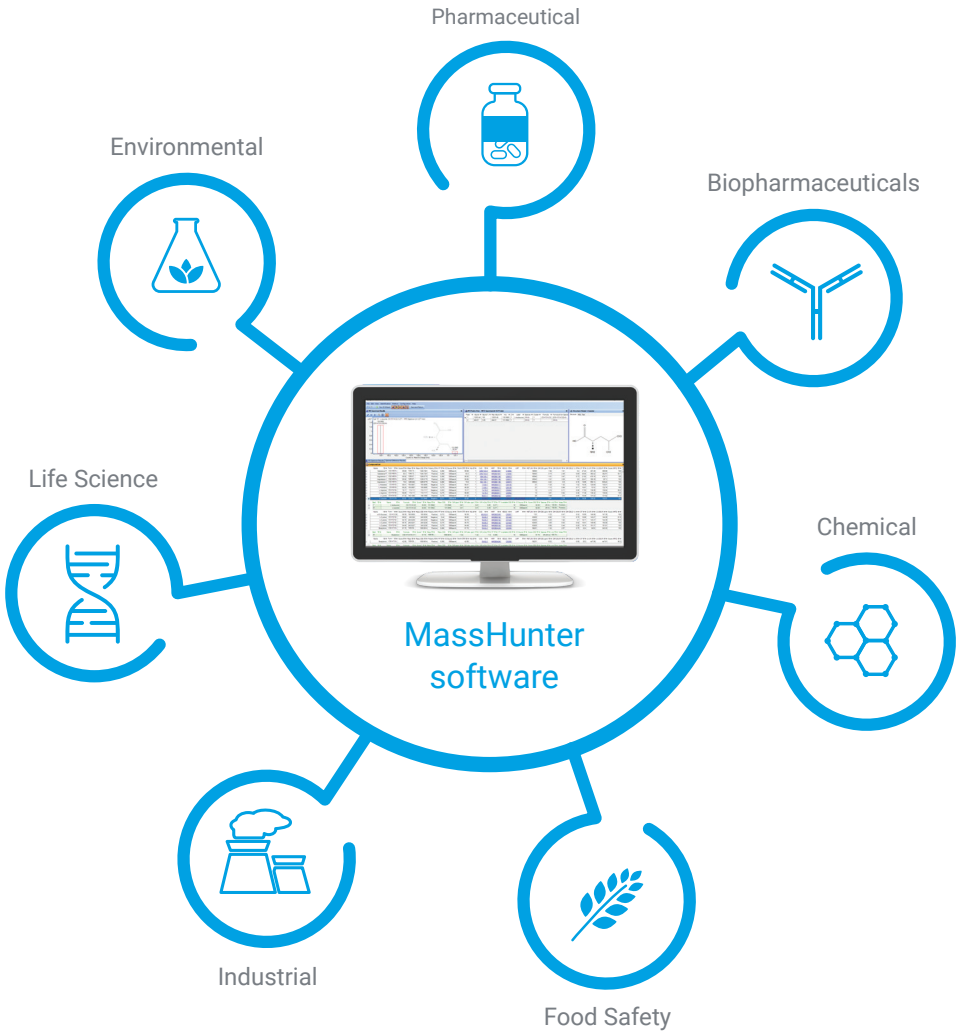
Maximum Throughput, Confident Results

Agilent MassHunter software suite

Make Your Mass Spectrometry Analysis Faster, Easier, and More Productive

Designed to solve your everyday struggles, Agilent MassHunter software provides customizable features and capabilities that support diverse applications in mass spectrometry.

Operators at all levels can use MassHunter software to drive confident results for your laboratories. This intuitive software suite for Agilent mass spectrometers features easy-to-use methods and templates, intelligent instrument and automation control, as well as comprehensive curated databases and libraries.

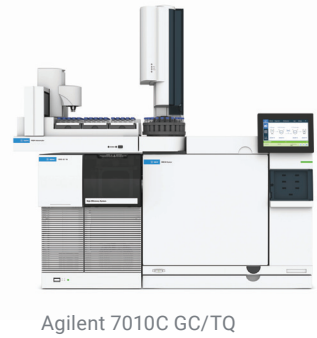


Maintain Sustainability While Increasing Your Productivity

Lower your environmental impact and optimize your workflows

At Agilent, we believe that efficiency, productivity, and sustainability are interlinked. Together, we can help your lab achieve its sustainability goals—while increasing output, maintaining accuracy, and staying competitive.

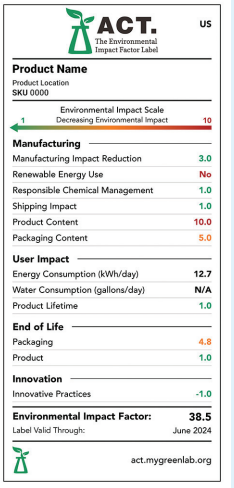
Agilent 5977C GC/MSD



Agilent 7010C GC/TQ

Agilent 1290
Infinity II LC system

Agilent 6495D TQ LC/MS



Selected Agilent instruments have been independently audited for the Accountability, Consistency, and Transparency (ACT) label. Similar to food nutrition labels, the ACT label provides a transparent, easy-to-understand measure for several factors related to sustainability.

Agilent Revident LC/Q-TOF

Agilent 8890 GC/Q-TOF

Agilent 6230 TOF LC/MS

Simplify Data Acquisition

Make LC/MS and GC/MS instrument control easier with MassHunter acquisition software

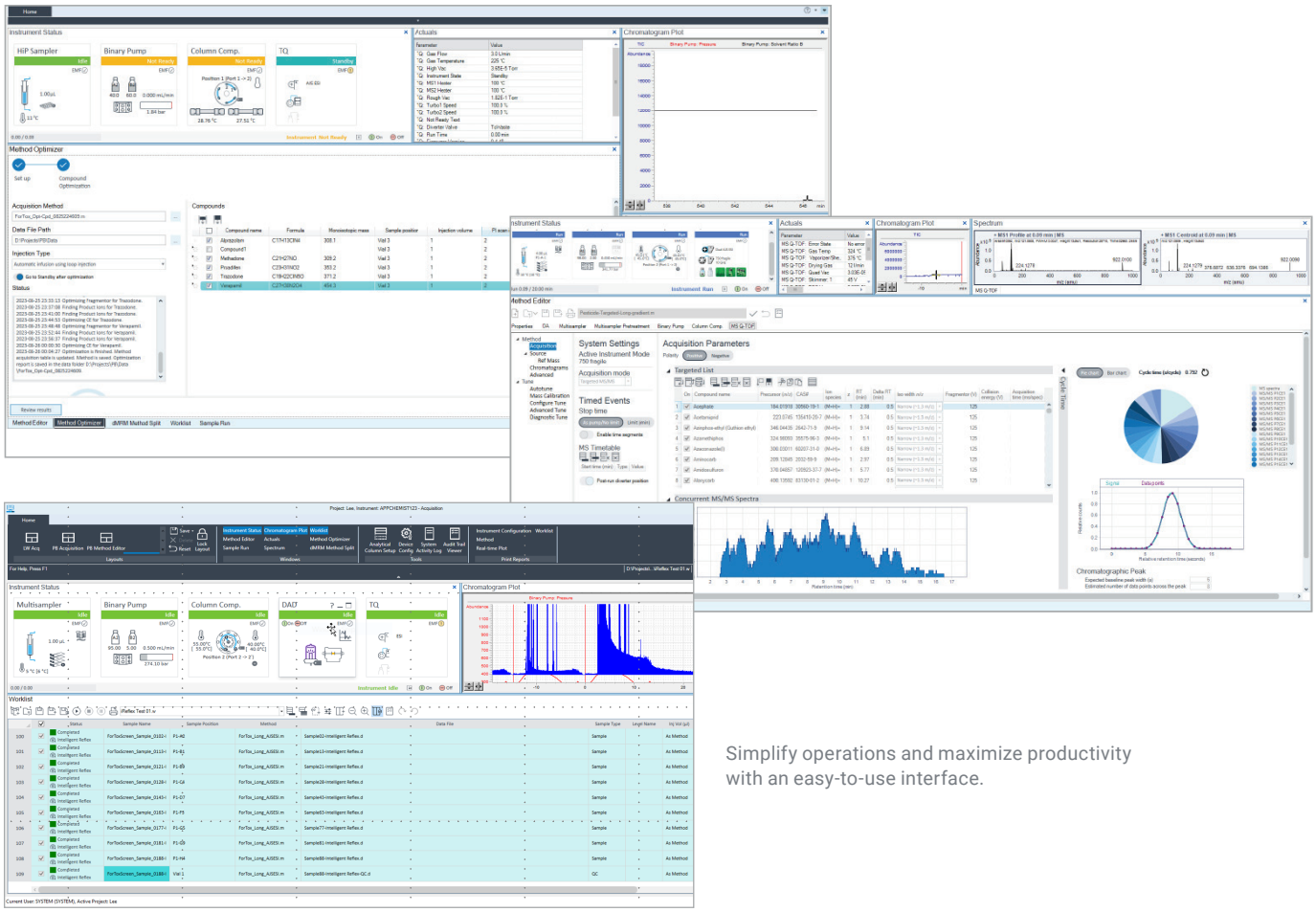
Intuitive
Simple and easy to use, from instrument control to method setup.

Optimized
Autotune ensures reliable operation.

Automated
Intelligent reflex reinjection workflows maximize productivity, confidence, and throughput.

Intelligent
Maintenance feedback ensures highest instrument uptime.

Built-in intelligence. From instrument calibration to compound optimization and method development, MassHunter acquisition software gives you flexibility and delivers accurate answers quickly.



Simplify operations and maximize productivity with an easy-to-use interface.

Streamline Quantitation and Screening Workflows

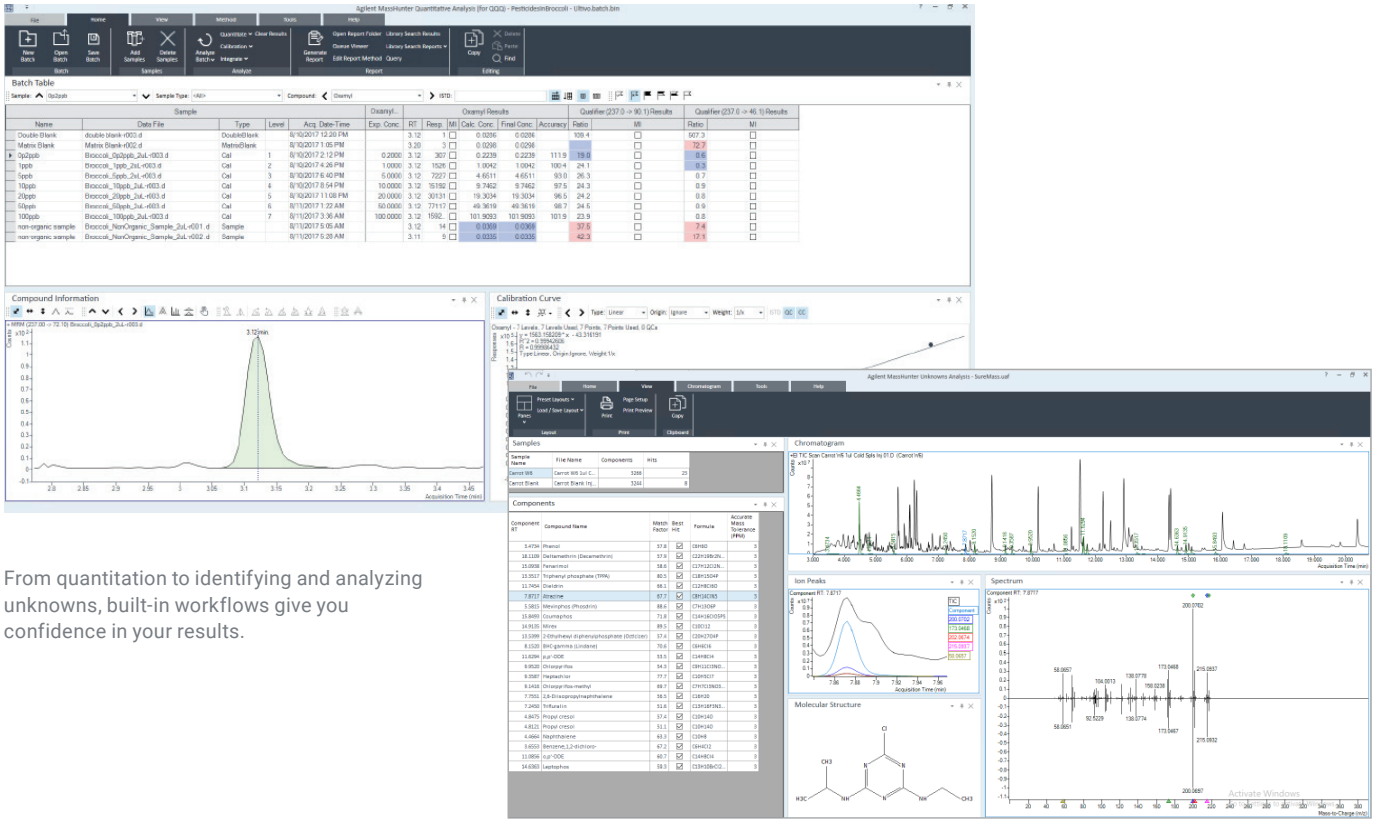
Generate quantitative answers while preserving the integrity of your data

MassHunter Quantitative Analysis software simplifies compound identification and quantitation across all LC/TQ, LC/TOF, LC/Q-TOF, GC/MSD, GC/TQ, and GC/Q-TOF, from small- to large-target lists.

Features include:

- Built-in workflow templates
- Rich data visualization
- Compliance-ready controls
- Customizable data review panels

Easy data review provides flexibility for different users and workflows.

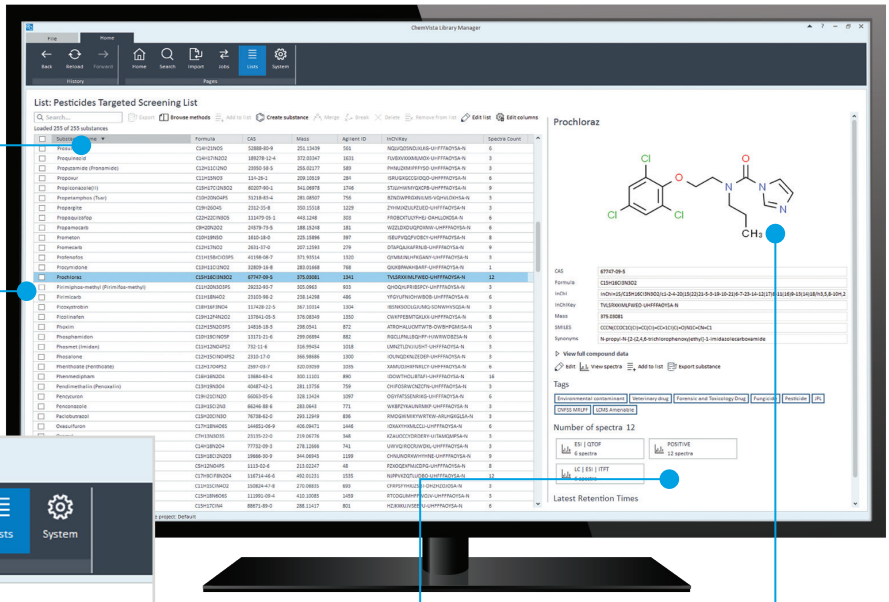


From quantitation to identifying and analyzing unknowns, built-in workflows give you confidence in your results.

Improve Confidence for Any Targeted Screening Assays

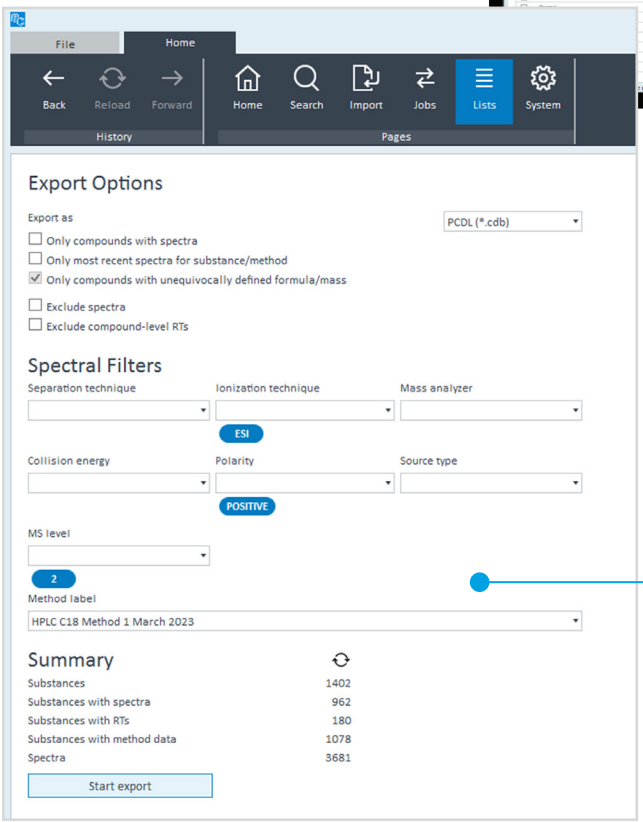
Enable method setup for all MS instruments and screening lists of any size

Easily manage large lists of targeted compounds using either ChemVista, Personal Compound Database and Library Manager (PCDL) software, MRM databases, or an acquisition method. All Agilent libraries include a comprehensive list of important compounds for accurate screening and identification through GC/MSD, GC/TQ, GC/Q-TOF, LC/TQ, LC/TOF, and LC/Q-TOF.



Workflows center around compound lists associated with a specific analysis.

Lists serve as organizational tools, allowing a compound to exist in multiple lists with multiple spectra.



Automated chemical class tags are assigned from manually curated PCDLs.

Enhanced cheminformatics generate structures and identifiers, eliminating duplicates and supporting downstream workflows.

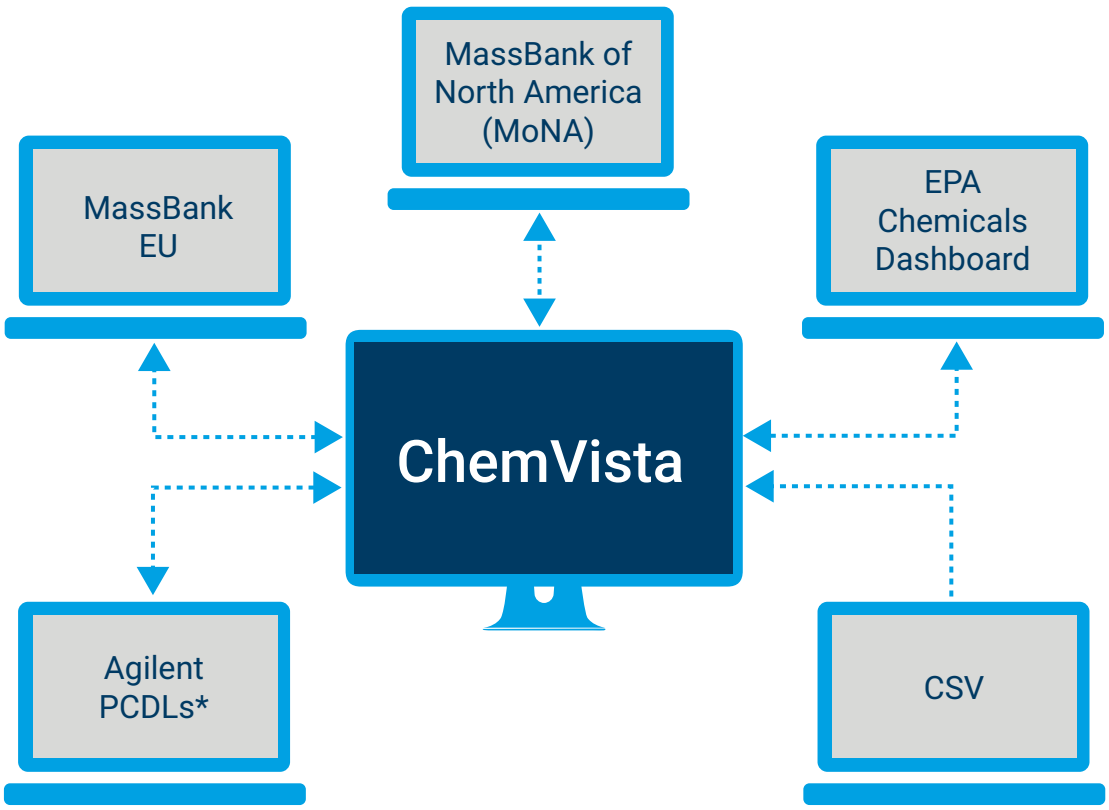
Import/export data with ChemVista in multiple file formats (SDF, MassBank Text, PCDL, CSV). To help you refine the exchanged information, these processes are supported with filters and customizable options.

Agilent ChemVista: An innovative tool for confident identification

Agilent ChemVista is a standalone software application that manages spectral libraries created by LC/Q-TOF and GC/Q-TOF mass spectrometry. It integrates compound details, retention time, and spectral information from multiple sources, allowing you to:

- Access multiple public databases and curated libraries (MassBank [EU and MoNA], EPA Chemicals Dashboard, Agilent PCDLs, and customer CSV).
- Organize, manage, edit, or create spectra.
- Facilitate identification workflows within MassHunter data analysis applications.
- Identify compounds with greater confidence.

In addition, ChemVista includes extensive preloaded library and database content.



**Curated Personal Compound Databases and Libraries*

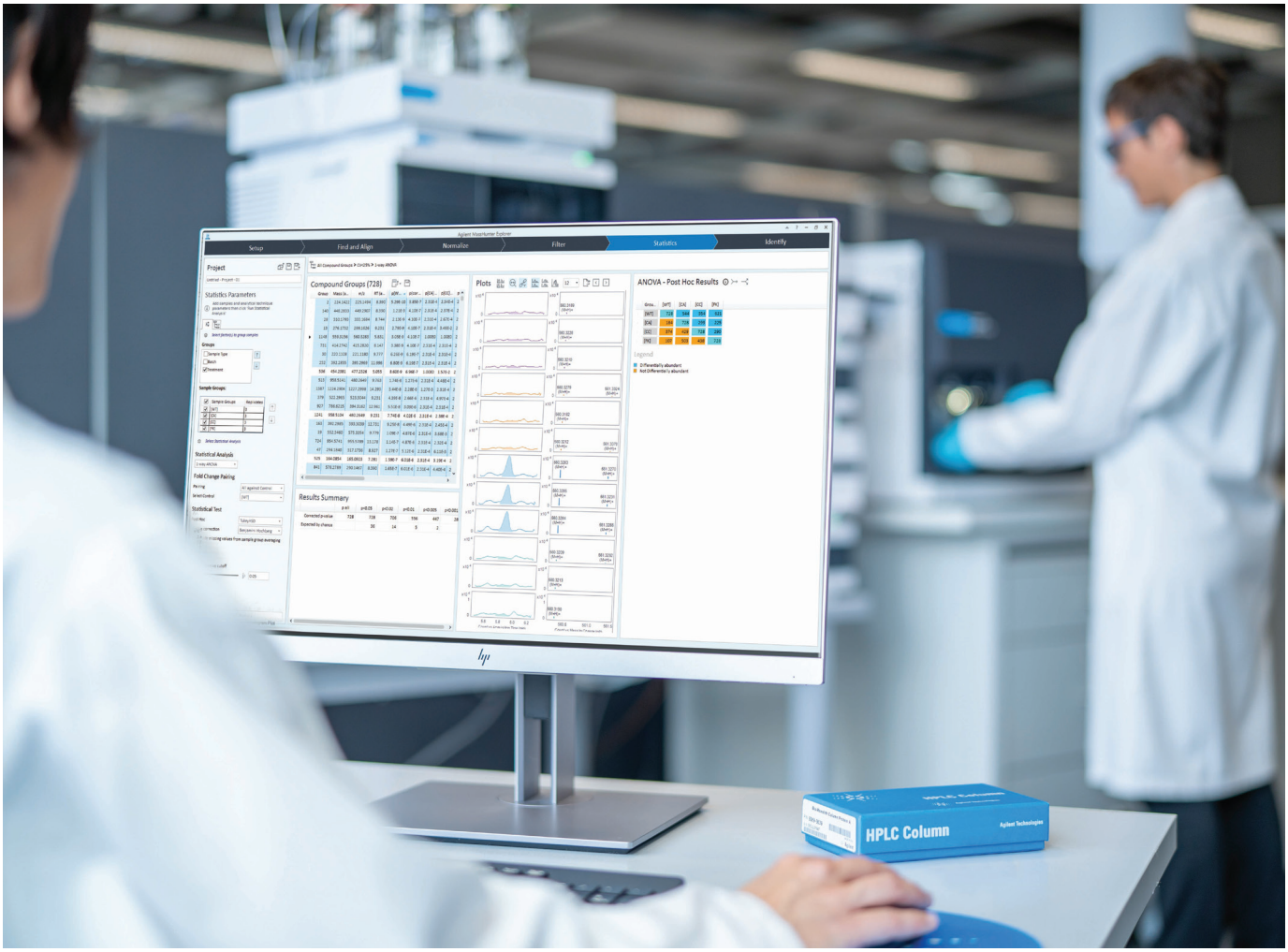
For a closer look at how ChemVista improves the efficiency and productivity of high-resolution mass spectrometry (HRMS) spectral management, download our technical overview.

Perform Fast, Reliable, and Simple Nontargeted Data Analysis

Make nontargeted data analysis easier, faster, and smarter

MassHunter Explorer features an integrated user interface that seamlessly combines advanced data extraction with normalization, statistical analysis, visualization, and identification procedures. Together, in one easy-to-use application, these tools help you confidently gain insights into your data quickly, improving your research productivity.

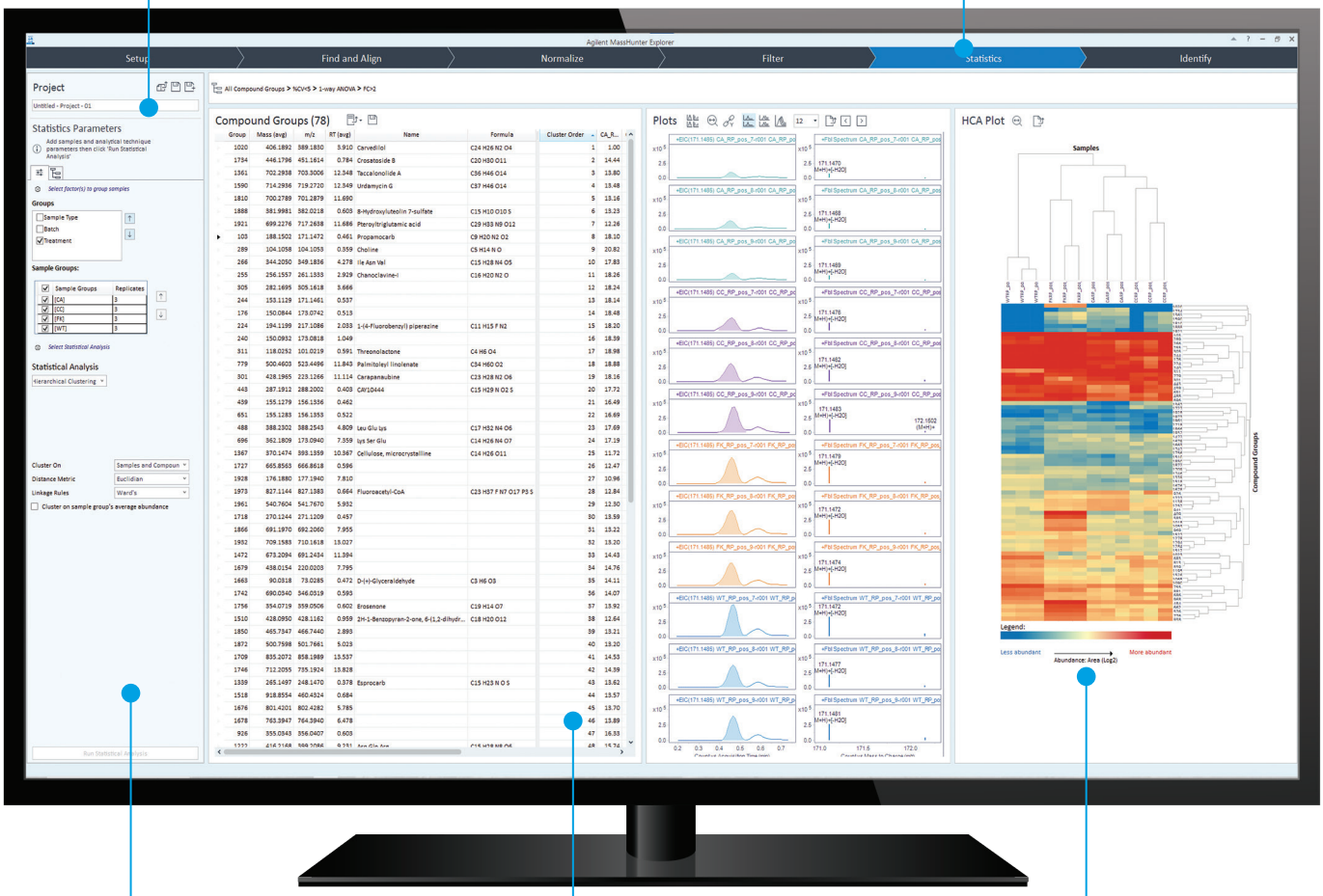
- Methods can be shared across your organization, ensuring consistent results.
- Project-based workflows allow for easy setup and transferability for beginners and experts.
- Different statistical analysis techniques help identify compounds that are significantly different or common between sample groups.



Quickly achieve accurate results with an integrated, guided, and intuitive workflow

Project-based workflows allow for easy setup and transferability for beginners and experts.

Streamlined, integrated procedures simplify navigation.



Multiple statistical algorithms provide the right tools for the given data.

Preprocessing during acquisition speeds up data processing.

Chromatographic, spectral, and statistical data are pictured for quick review.

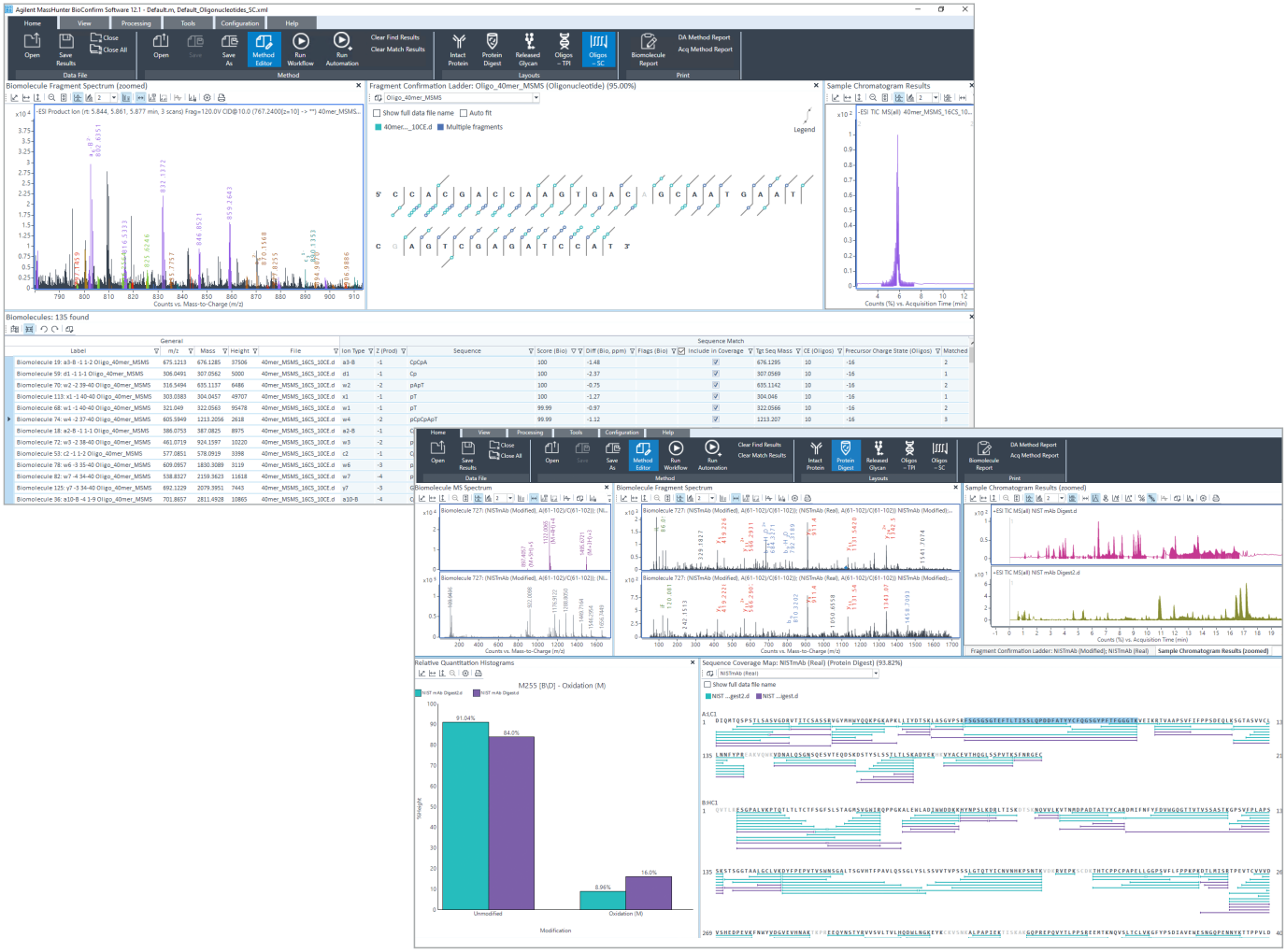
Take a Giant Step Forward in Protein and Oligonucleotide Characterization

Enable routine characterization through easy-to-use workflows

Agilent MassHunter BioConfirm software is ideal for intact protein analysis, oligonucleotide characterization, peptide mapping, and routine glycan profiling.

- Confirm biomolecule sequences with confidence.
- Rapidly deconvolute intact biomolecule data and confirm peak composition and potential modifications.
- Analyze in a secure, auditable manner using technical controls such as roles, permissions, and audit trail.

Intuitive windows give you increased access to information for sequence confirmation and target-plus-impurity workflows for oligonucleotides and proteins.



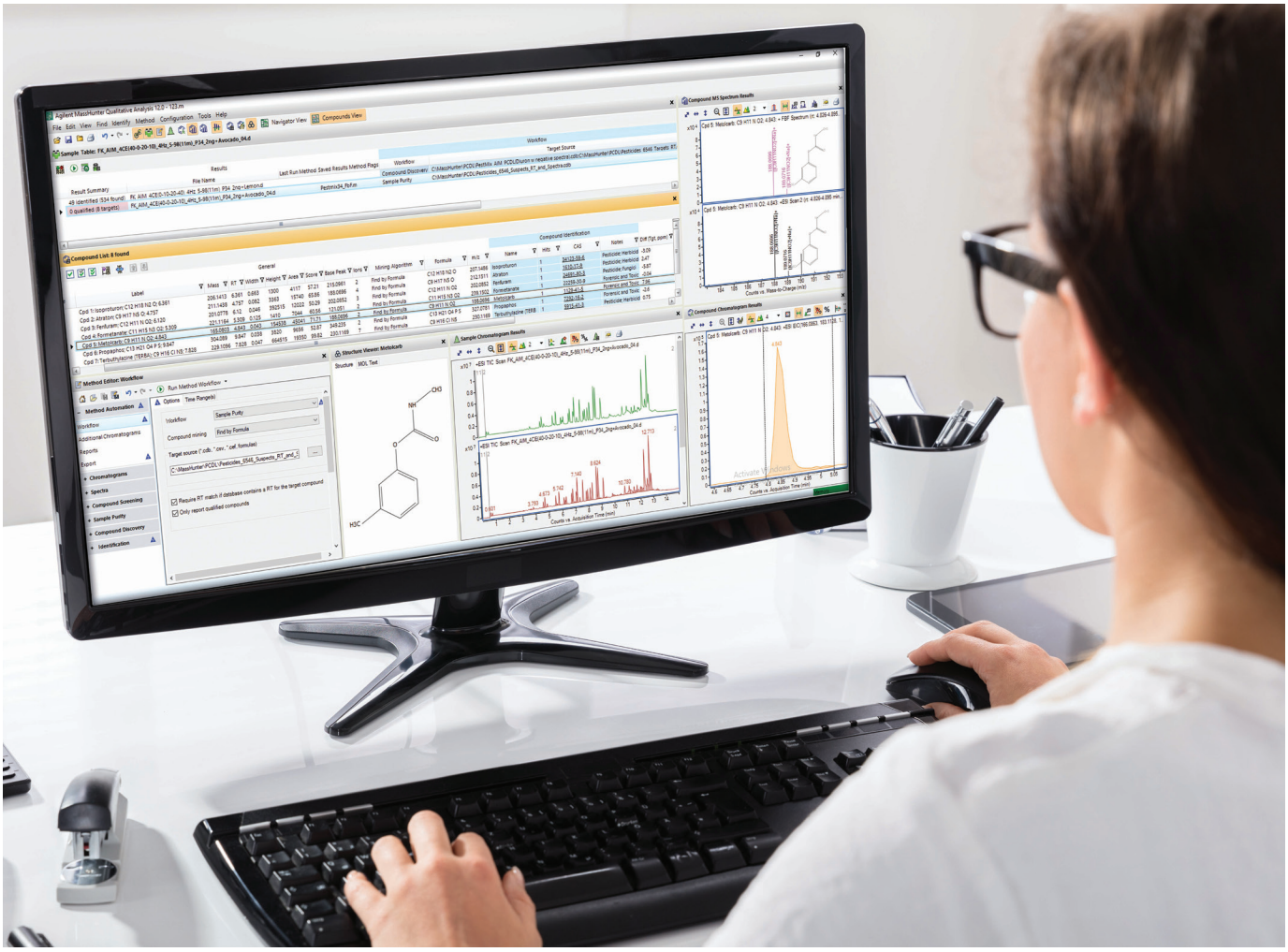
Explore Nontarget Compounds

Easily identify and analyze unknowns

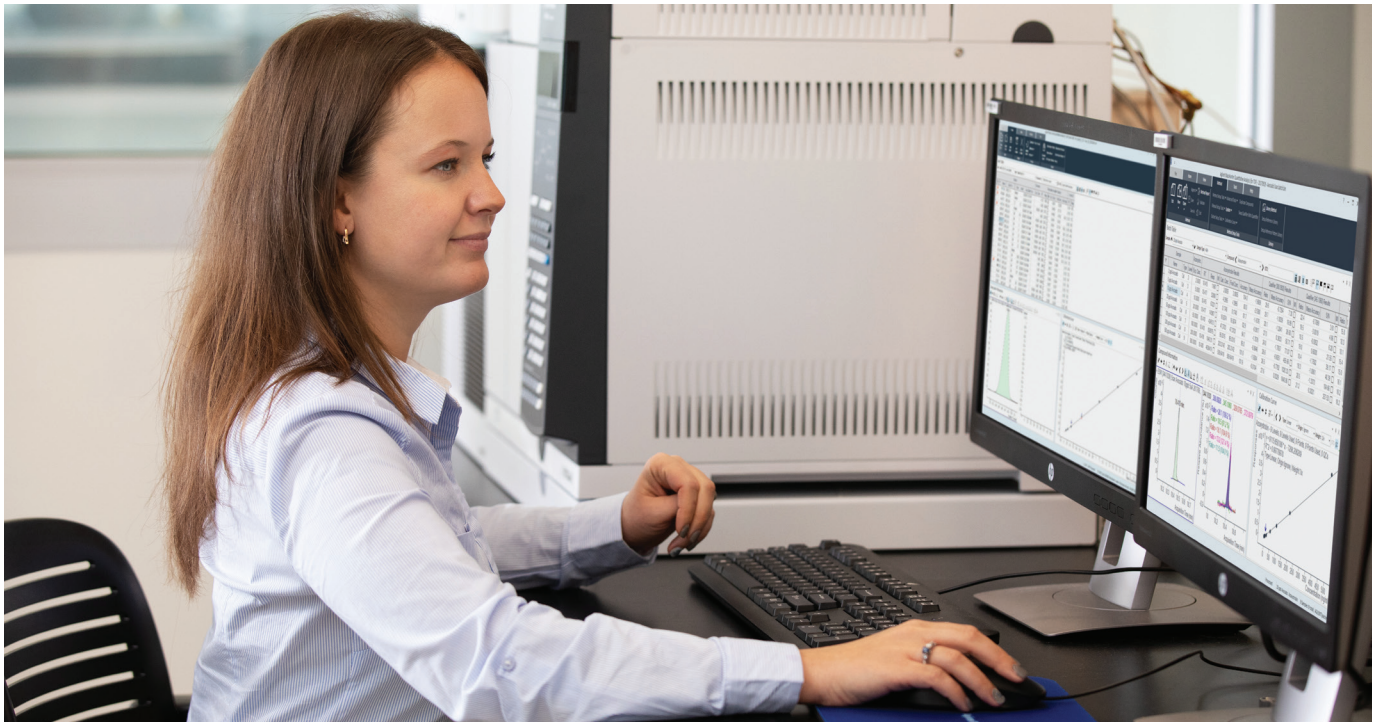
With its built-in simplicity and usability, MassHunter Qualitative Analysis software supports your nontargeted workflows.

- Access accurate mass MS/MS fragmentation instantly for mass spectral confirmation.
- Search against curated PCDLs targeted to your application and create your own customized PCDLs in ChemVista, or from NIST spectral libraries.
- Move compound and spectral information into third-party software (such as SIRIUS/CSI: Finger ID and NIST MS Search) using industry-standard export formats.
- Expand your searches by sending acquired spectra to your own custom library or by adding novel compounds and emerging contaminants.

Need expanded capabilities for 'omics analysis? Use the MassHunter software options found in MassHunter software for advanced mass spectrometry applications.



Focus on Science and Reduce Your Regulatory Risk



Maintain compliance for instrument control, data acquisition, data processing, and reporting

From instrument control to enterprise content management, Agilent recognizes the critical role that software plays in compliance. Partner with us to meet guidelines for electronic data management as defined in 21 CFR Part 11, EU Annex 11, and other regulations. Together, we can ensure data security, integrity, and traceability of your electronic records.

Labs are increasingly outsourcing their compliance tasks to save time and maximize efficiency. Agilent CrossLab compliance services—including operational and repair qualification—give you confidence that your equipment and processes conform.

www.agilent.com/en/service/laboratory-services/compliance-services

Intelligence that inspires

Next-generation Agilent LC/Q-TOF and LC/TQ instruments and software optimize your lab operations with a foundation of continuous innovation. They go beyond instrumentation to include time-saving intelligence, efficient workflows, and services provided by a trusted partner. So, you can focus on what inspires you and meet every challenge that comes your way.

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U.S. and Canada
1-800-227-9770
agilent_inquiries@agilent.com

Europe
info_agilent@agilent.com

Asia Pacific
adinquiry_aplsca@agilent.com

India
lsca-india_marketing@agilent.com

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