SCIEX OS software
Version comparison matrix

Feature	5.0	4.2	4.0	3.4.5	3.4	3.3	3.1.6
Support for the new V55 system	▪						
New AI Assistant available as a chat interface that supplies guidance to use the software. For full details and information click here (NOTE: link to SCIEX OS software AI Assistant Feature Guide Learn more	▪						
New Report Studio, a completely redesigned easy-to-use drag and drop reporting platform providing a more intuitive and user-friendly experience. For more information, refer to the SCIEX OS softwar Reprot Studio Feature Guide Learn more	▪						
Support for Intabio ZT system on ZenoTOF 7600+ system	▪						
AI Quantitation software tile on homepage for easy access	▪						
External valco valve support	▪	▪					
Faster peak review in Analytics workspace	▪	▪					
New target-list-based workflow for ECHO MS with Triple Quad 6500, enabling different analytes to be monitored in each well	▪	▪					
Expanded Comment and Sample ID fields for improved traceability (up to 750 characters)	▪	▪					
Automated Compound Optimization now supports importing compound information between systems ZenoTOF 8600 MS Tune workspace:	▪	▪					
Improved tuning workflows accessible from Tuning Status page	▪	▪					
Improved access to tuning workflows for ZenoTOF 8600 system from the Tuning Status page	▪	▪					
New audit events for user and group activation/deactivation to strengthen compliance tracking	▪	▪					
License server support for Windows Server 2025	▪	▪					
Windows 11 support enables labs to meet internal and external IT security policies and reduces cybersecurity vulnerabilities for the lab ecosystem	▪	▪	▪				
Enhanced automation with updates to Decision Rules, with logic-based criteria to drive intelligent actions throughout the analytical workflow	▪	▪	▪				
Automatic compound optimization (ACO) functionality allows the user to identify MRM fragments and optimize the compound and source dependent parameters in a high-throughput manner	▪	▪	▪				
Precision printing enabling high-resolution, scalable and OCR-compatible printouts for both Analytics and Batch workspaces	▪	▪	▪				
Support for the new ZenoTOF 8600 system improved ZT Scan 2.0 correlates precursors and fragments using the Q1 4th dimension for maximum effective speed	▪	▪	▪				
Support for ZenoTOF 8600 system updated Metrics Tracker, giving real-time updates and notifications on assay stability and reproducibility, with a range of up to five years	▪	▪	▪				

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Feature	5.0	4.2	4.0	3.4.5	3.4	3.3	3.1.6
Support for ZenoTOF 8600 system EAD MS/MS spectra in LibraryView workspace	▪	▪	▪				
Support for ZenoTOF 8600 system improved library functionality	▪	▪	▪				
Single calibration for Intabio	▪	▪	▪	▪			
Zeno trapping for Intabio ZT system	▪	▪	▪	▪			
Large library capability, SDF format	▪	▪	▪	▪			
Echo® MS data review visualization	▪	▪	▪	▪			
Auto-reporting and automatic generation of results per batch/sample	▪	▪	▪	▪			
Support for 7500+ system with MassGuard technology, including System Contamination Check and Metrics Tracker (available only on 7500+ system at this time)	▪	▪	▪	▪	▪		
Support for ZT Scan acquisition on ZenoTOF 7600+ system (positive mode only)	▪	▪	▪	▪	▪		
Support for ExionLC AE system	▪	▪	▪	▪	▪		
Linear ion trap (LIT) functionality for QTRAP 4500, 5500, 6500, and 6500+ systems supporting LIT scan speeds 1,000-20,000 Da/sec[1]	▪	▪	▪	▪	▪	▪	
Support for the Intabio ZT system	▪	▪	▪	▪	▪	▪	
Support for dry roughing pumps on 6500+, 7500 and 7600 systems	▪	▪	▪	▪	▪	▪	
Built in queries	▪	▪	▪	▪	▪	▪	
Ability to input sample concentrations in Batch	▪	▪	▪	▪	▪	▪	
Sample management in Queue	▪	▪	▪	▪	▪	▪	
Processing API	▪	▪	▪	▪	▪	▪	
Audit trail enhancement for LC, MS and processing methods	▪	▪	▪	▪	▪	▪	
Support for Agilent custom injector program	▪	▪	▪	▪	▪	▪	▪
Audit trail enhancements ifor LC, MS and processing methods	▪	▪	▪	▪	▪	▪	▪
Support of regression through intercept for quadratic equation for calibration curve to support new EPA regulations	▪	▪	▪	▪	▪	▪	▪
New templates for printing batch, queue, and processing method information	▪	▪	▪	▪	▪	▪	▪
Quick batch creation	▪	▪	▪	▪	▪	▪	▪
Nano probe support on OptiFlow Turbo V ion source for SCIEX 6500+ and 6500 systems	▪	▪	▪	▪	▪	▪	▪
ADF export	▪	▪	▪	▪	▪	▪	▪
SCIEX OS installation repair tool	▪	▪	▪	▪	▪	▪	▪
Support for the M5 MicroLC and M5 MicroLC-TE systems	▪	▪	▪	▪	▪	▪	▪
Ability to print panes and windows in the Analytics workspace	▪	▪	▪	▪	▪	▪	▪

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Feature	5.0	4.2	4.0	3.4.5	3.4	3.3	3.1.6
Users are now able to open multiple batches at the same time, for comparison and/or copying content between batches	▪	▪	▪	▪	▪	▪	▪
Biologics Explorer software can now be accessed in SCIEX OS	▪	▪	▪	▪	▪	▪	▪
MarkerView software now accessible through SCIEX OS	▪	▪	▪	▪	▪	▪	▪
Supports significant figures in the in results table	▪	▪	▪	▪	▪	▪	▪
Export results to a .txt file in the same format as the results table	▪	▪	▪	▪	▪	▪	▪
Shimadzu driver update for support of the Nexera Mikros system	▪	▪	▪	▪	▪	▪	▪
Event log auto-archive support	▪	▪	▪	▪	▪	▪	▪
Sorting of data files is now supported when creating a new processing method, editing an embedded method or adding samples to an existing results table	▪	▪	▪	▪	▪	▪	▪
Export of statistics results to a .txt file now supported	▪	▪	▪	▪	▪	▪	▪
Now supports different fill styles for the integrated portion of chromatograms in the Peak Review pane	▪	▪	▪	▪	▪	▪	▪
Microsoft Defender Antivirus update	▪	▪	▪	▪	▪	▪	▪
Valve selection enhancement for ExionLC 2.0 systems	▪	▪	▪	▪	▪	▪	▪
Support for the "Load Ahead" operation for Waters M-Class UHPLC systems	▪	▪	▪	▪	▪	▪	▪
Sample information improvements in data files	▪	▪	▪	▪	▪	▪	▪
Copy/paste chromatograms and calibration curves from the Analytics workspace into another application	▪	▪	▪	▪	▪	▪	▪
Customization of XIC graph titles in the Peak Review pane in Analytics workspace	▪	▪	▪	▪	▪	▪	▪
Remote deployment (via tools like Microsoft SCCM) and silent install capability	▪	▪	▪	▪	▪	▪	▪
Support for triple quadrupole scans on QTRAP systems	▪	▪	▪	▪	▪	▪	▪
Scout triggered MRM (stMRM) Learn more	▪	▪	▪	▪	▪	▪	▪
Available in 9 languages	▪	▪	▪	▪	▪	▪	▪
Central Administrator Console (CAC) Learn more	▪	▪	▪	▪	▪	▪	▪
Zeno SWATH DIA acquisition for the ZenoTOF 7600 system	▪	▪	▪	▪	▪	▪	▪
Open multiple LC methods	▪	▪	▪	▪	▪	▪	▪
Updated APIs provide integration and data/results to support connectivity within labs' hardware and software ecosystems	▪	▪	▪	▪	▪	▪	▪
Save results for automation batch	▪	▪	▪	▪	▪	▪	▪
QJet ion guide RF amplitude for X500 QTOF systems	▪	▪	▪	▪	▪	▪	▪
New fields available in the Reporter software templates	▪	▪	▪	▪	▪	▪	▪
Support for SCIEX Triple Quad 4500, 5500, 6500 and 6500+ systems and the SCIEX 5500+ system	▪	▪	▪	▪	▪	▪	▪

SCIEX OS software
Version comparison matrix

Feature	5.0	4.2	4.0	3.4.5	3.4	3.3	3.1.6
Export and import of user management settings	▪	▪	▪	▪	▪	▪	▪
Open multiple MS methods	▪	▪	▪	▪	▪	▪	▪
Custom columns in the Batch workspace	▪	▪	▪	▪	▪	▪	▪
Fragmentation mode in the data acquisition window	▪	▪	▪	▪	▪	▪	▪
Import of variable SWATH DIA windows	▪	▪	▪	▪	▪	▪	▪
Multiple language support	▪	▪	▪	▪	▪	▪	▪
Export and save results table command with Analyst software formatting	▪	▪	▪	▪	▪	▪	▪
Direct control of ExionLC systems and Shimadzu systems	▪	▪	▪	▪	▪	▪	▪
ZenoTOF 7600 system support	▪	▪	▪	▪	▪	▪	▪
SCIEX OS software simultaneously generates both .wiff and .wiff2 files	▪	▪	▪	▪	▪	▪	▪
Polarity column added to the results table	▪	▪	▪	▪	▪	▪	▪
New customizable workspace layouts Learn more	▪	▪	▪	▪	▪	▪	▪
IF statement logic supports numeric and text values	▪	▪	▪	▪	▪	▪	▪
Echo® MS system support	▪	▪	▪	▪	▪	▪	▪
Software update feature	▪	▪	▪	▪	▪	▪	▪
Combined flagging rules	▪	▪	▪	▪	▪	▪	▪
Signal-to-noise calculation improvements	▪	▪	▪	▪	▪	▪	▪
Enhanced Scheduled MRM algorithm	▪	▪	▪	▪	▪	▪	▪
Automated compound optimization tools Learn more	▪	▪	▪	▪	▪	▪	▪
Automated instrument tuning Learn more	▪	▪	▪	▪	▪	▪	▪
Batch workspace improvements	▪	▪	▪	▪	▪	▪	▪
Acquisition method conversion to SCIEX 7500 system Learn more	▪	▪	▪	▪	▪	▪	▪
Decision rules Learn more	▪	▪	▪	▪	▪	▪	▪
GETSTAT function for calculated columns	▪	▪	▪	▪	▪	▪	▪
Looping and scheduling experiments	▪	▪	▪	▪	▪	▪	▪
Ionization scheduling	▪	▪	▪	▪	▪	▪	▪
Support for the SCIEX 7500 system	▪	▪	▪	▪	▪	▪	▪
New LIT scan types	▪	▪	▪	▪	▪	▪	▪
IDA quantification support	▪	▪	▪	▪	▪	▪	▪
Support for Analyst software version 1.6.2 and greater data (.wiff)	▪	▪	▪	▪	▪	▪	▪
Windows 10 support	▪	▪	▪	▪	▪	▪	▪
21 CFR Part 11 support Learn more	▪	▪	▪	▪	▪	▪	▪
Concurrent licensing support Learn more	▪	▪	▪	▪	▪	▪	▪
Automatic outlier removal Learn more	▪	▪	▪	▪	▪	▪	▪

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Feature	5.0	4.2	4.0	3.4.5	3.4	3.3	3.1.6
Standard addition Learn more	▪	▪	▪	▪	▪	▪	▪
Grouping peaks by adduct and charge	▪	▪	▪	▪	▪	▪	▪
Enhanced results table filtering	▪	▪	▪	▪	▪	▪	▪
Contact closure	▪	▪	▪	▪	▪	▪	▪
Support for SWATH DIA acquisition and IDA methods	▪	▪	▪	▪	▪	▪	▪
Injection volume included in batch	▪	▪	▪	▪	▪	▪	▪
Data storage improvements, including - 6 levels of subfolders and network drive processing	▪	▪	▪	▪	▪	▪	▪
MS Tune workspace enhancements and quick status check	▪	▪	▪	▪	▪	▪	▪
Autocal report enhancement	▪	▪	▪	▪	▪	▪	▪
Network acquisition	▪	▪	▪	▪	▪	▪	▪
User-defined flagging rules and calculated columns Learn more	▪	▪	▪	▪	▪	▪	▪
Import and export of integration parameters Learn more	▪	▪	▪	▪	▪	▪	▪
Reportable results	▪	▪	▪	▪	▪	▪	▪
Link to Explorer workspace from the Peak Review pane in the Analytics workspace	▪	▪	▪	▪	▪	▪	▪
LC pressure trace	▪	▪	▪	▪	▪	▪	▪
Automatic processing	▪	▪	▪	▪	▪	▪	▪
Import of integration parameters from Analyst software Learn more	▪	▪	▪	▪	▪	▪	▪
Ability to set an Analyst software data/projects folder as a root directory	▪	▪	▪	▪	▪	▪	▪
Dynamic generation of processing parameters for samples with MRM	▪	▪	▪	▪	▪	▪	▪
Manual integration (% rule) Learn more	▪	▪	▪	▪	▪	▪	▪
Hotkey support	▪	▪	▪	▪	▪	▪	▪
Global integration parameters	▪	▪	▪	▪	▪	▪	▪
Intact quantification	▪	▪	▪	▪	▪	▪	▪
Mixed mode security	▪	▪	▪	▪	▪	▪	▪
Watson LIMS support	▪	▪	▪	▪	▪	▪	▪

[1]The LIT 50Da/sec and 250 Da/sec scan speeds are not supported in SCIEX OS software.

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