

# mzVault 2.3 SP1 Release Notes

These release notes briefly list resolved issues in the Thermo mzVault™ 2.3 SP1 software, and known issues still existing in the mzVault application.

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For information on using the mzVault 2.3 SP1 application, refer to the manuals available as PDF files or the Help.

## Resolved Issues

Table 1 lists defects that were resolved in the mzVault 2.3 SP1 application. The table excludes Help issues and any cosmetic fixes. In some cases the abstract has been amended or extended from the original to better describe the reported issue. Both an engineering fix and follow-up testing (verified by our product evaluation department) have resolved each of these issues.

**Table 1.** Resolved issues

| Item ID | Abstract                                                                                                                            | Severity |
|---------|-------------------------------------------------------------------------------------------------------------------------------------|----------|
| 84051   | Hydrogens shown incorrectly in Structure View.                                                                                      | Medium   |
| 90600   | In mzVault application, the Ignore Precursor option does not work with AIF/Full scan data.                                          | Medium   |
| 110290  | The Fill Spectrum Meta data command is not correcting the polarity of an entry when it does not match the value in the scan filter. | Medium   |
| 173563  | Unable to add CID Spectra from a raw file having both CID and HCD Spectra.                                                          | Medium   |
| 186686  | Update the mzVault installer.                                                                                                       | Medium   |
| 193221  | Request to be able to edit the Precursor m/z field.                                                                                 | Medium   |
| 193223  | Searching library with filter condition = Compound does not work for compound name with apostrophes.                                | Medium   |
| 195595  | Entries with a stepped collision energy (have N/A in the collision energy field) were not processed correctly.                      | Medium   |
| 212277  | mzp import fails if some entries contain no spectra.                                                                                | Medium   |

## Recommended Configuration

These are the recommended hardware and software configurations for mzVault 2.3 SP1 operation.

| System   | Recommendation                                                                                                                                                                                                                          |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Computer | <ul style="list-style-type: none"><li>• 3.6 GHz Quad core processor</li><li>• 16 GB RAM</li><li>• Video card and monitor capable of 1920 × 1080 resolution</li><li>• 1 TB hard drive</li></ul>                                          |
| Software | <ul style="list-style-type: none"><li>• Microsoft™ Windows™ 10 (64 bit) operating system</li><li>• Microsoft .NET Framework 4.7.2 or later</li><li>• Microsoft Office 2013 or later</li><li>• Adobe™ Acrobat™ or Reader™ 10.1</li></ul> |

## Important Information

### General

The mzVault 2.3 SP1 application does not require licensing in any form. You may install the software on either operating system: Windows 7 SP1 (64-bit) or Windows 10. However, the mzVault 2.3 SP1 application is tested and supported on Windows 10 (64bit) operating system only.

### Installation

You must have administrator rights to install and run mzVault 2.3 SP1 software on your computer.

## Known Issues

### Suggested recovery actions

For some issues, restarting the application is the appropriate recovery action.

As a fix, we generally do not recommend reinstalling the software or the operating system, which more commonly occurs after you install a new hard drive.

In some cases (particularly issues that arise during data acquisition), restarting applications such as the Home Page might not ensure complete recovery. Typically, restarting the PC resolves the issues, but some devices with error conditions might require power cycling.

### Feature requests and other removed items

We do not include issues where there is insufficient information logged to successfully reproduce the reported problem.

We do not list feature requests as software issues, regardless of the reported significance or severity of the request. Product managers evaluate logged feature requests for future releases.

We report only discrepancies in the documented software as known issues.

### Terminology

The following table provides general interpretations of the severity labels.

| Severity | Interpretation                                                                                                                                                                                                                                                                                                                      |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Critical | A problem that renders the system unusable because either an entire function is unusable and no workaround exists, or use of the current system compromises data integrity or results in data loss. Catastrophic problems also include significant and non-obvious quantitative errors, and all human and instrument safety issues. |
| High     | A serious issue that does not affect data integrity (meaning data loss, corruption of data, or the wrong answer), but affects the customer's ability to use the product as designed. It can be a failure, design issue, or documentation error or omission. A workaround might or might not exist.                                  |
| Medium   | A minor error or poor behavior of a product feature. There is probably a workaround.                                                                                                                                                                                                                                                |

| Severity | Interpretation                                                                                                                                                                                                                |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Low      | An issue that has a limited effect on customer usage of the product; for defects with visibility so low that a customer might never see it; or for ease of use issues or other items not causing any performance degradation. |

#### Known defects

Table 2 contains known defects in the software with a brief abstract and information related to each defect's severity. The Item ID is the internal number assigned to each issue. Product management assesses risk, which can differ significantly from the reported severity.

**Table 2.** Known defects

| Item ID | Abstract                                                                                                                              | Severity |
|---------|---------------------------------------------------------------------------------------------------------------------------------------|----------|
| 54239   | Remove Duplicates: Empty cell issue.                                                                                                  | Medium   |
| 54765   | Library History view- Maintenance operations performed within a single day are updated one below the previous one and not at the top. | Medium   |
| 63282   | Merge function is limited to two libraries.                                                                                           | Medium   |
| 65080   | Copy functionality to perform copy of the selected spectra only.                                                                      | Medium   |
| 65582   | Duplicate spectrum removal from multiple pages - usability issue.                                                                     | Medium   |
| 83248   | Ability to open multiple compound lists at the same time in the mzVault.                                                              | Medium   |
| 84050   | Charge not displayed in Structure View.                                                                                               | Medium   |
| 84759   | Mass Analyzer not filled from Fill Spectrum Metadata for a full MS spectrum.                                                          | Medium   |
| 218782  | Library Search Export Results - Excel needs to repair records.                                                                        | Medium   |
| 373769  | Installer - m/z Vault IQ Report link error                                                                                            | Medium   |

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