Agilent MassHunter Workstation—Offline Qualitative and Quantitative Analysis for GCMS

Installation Guide

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Use this guide to install or upgrade MassHunter Workstation software on your offline computer.

This guide applies to the installation of:
- MassHunter Qualitative Analysis B.07.00 SP1 and later.
- MassHunter Quantitative Analysis B.07.01 and later.

MassHunter software is supported by:
- 64-bit Windows 7 Professional SP1 and Windows 10
- Microsoft Excel 2013 and 2016

Excel 2016 is compatible with the following revisions:
- MassHunter Qualitative Analysis B.07.00 SP1 or higher
- MassHunter Quantitative Analysis B.07.01 with Quantitative Analysis Reporting SP2
Step 1. Prepare for Installation

1. Install Microsoft Excel 2013 or 2016. See the manufacturer’s documentation for help installing this application.

For Qualitative Analysis, Excel is not required to generate reports.

2. Run Windows Update to ensure you have the latest critical updates and security fixes. Windows Update must be completed before you continue.

3. Confirm that the Windows LAN power management is disabled. See the Microsoft Windows help for more information.
4. If you are upgrading your MassHunter Workstation Qualitative Analysis or Quantitative Analysis B.05.00 or earlier, use the Uninstall Programs command in your Windows Control Panel to remove the programs that you will be upgrading. See the Microsoft Windows help for more information on uninstalling programs.

5. After you have removed the programs, reboot your computer.
Step 2. Install the Qualitative Analysis Program

1. Verify that no other program is running on your system, including Windows Update.

2. From DVD, right-click setup.exe and Run as administrator.
Step 2. Install the Qualitative Analysis Program

3. Click **Install** to begin the installation process.

4. Click **Next** to continue with the installation.

5. Review the License Agreement and accept the terms. Click **Next** to continue.

Through the installation you can click **Next** to continue with the installation, **Back** to review your previous selections, or **Cancel** to end the installation.
6. Use the default location for your software files or click **Browse** to choose a different location and click **Next**.

7. The location for your data file storage is displayed. Click **Next**.
Step 2. Install the Qualitative Analysis Program

8. Review the installation information. Click Install to continue.

9. Click Finish to complete the installation.

10. Click Close to exit the program.
Step 3. Install the Quantitative Analysis Program

1. Verify that no other program is running on your system, including Windows Update.

2. From the Quantitative Analysis Disk 1/2 installation DVD, right-click Setup_Quant and select Run as administrator.
3. Review the License Agreement and accept the terms.

4. Install the program to the default location or click Change to choose a different location.
Step 3. Install the Quantitative Analysis Program

5. Create a data folder in the default location or, click **Change** to choose a different location.

6. Click **Next** to continue.
Step 3. Install the Quantitative Analysis Program

7. Select the features to install.

Use Add-ins for additional features:

- **Blank Subtraction Add-in**: This add-in allows subtraction of the ‘Blank’ and/or ‘DoubleBlank’ sample final concentration and places the blank-subtracted concentrations into the target compound Custom Calculation column of the batch table. If a batch contains multiple ‘Blank’ and/or ‘DoubleBlank’ samples, the average blank concentration is used.

- **Peak Annotations Add-in**: In the Quantitative Analysis program, this add-in allows you to add an abbreviation to the batch table that indicates the reason for manually integrating target or ISTD compounds.

- **Zero Total Compound Add-in**: In the Quantitative Analysis program, this add-in allows you to zero the peaks for all compounds in a group.

The reporting templates are installed on the local hard drive with the program to MassHunter/Report Templates/Quant/. If you plan to use MassHunter Compliance, these templates must be uploaded to ECM before they can be accessed from the Quantitative Analysis program.
Step 3. Install the Quantitative Analysis Program


Compliance types are as follows:

- Standard Workflow: Installs none of the compliance features described below.
- Activate User Management and Audit Trail Only: Installs the Audit Trail Map (ATM) program, which includes security measures that ensure the integrity of analysis and report results, comprehensive audit-trail features for quantitative analysis, and customizable user roles and groups that allow an administrator to individualize user access to processing tasks.
- Activate Compliance: Installs the Quantitative Analysis program and the ATM program that are specifically designed to use OpenLAB ECM for the compliant management of data and reports that are generated by the program. OpenLAB ECM must already be installed before you can install this compliance type.

To change your compliance type after installation, go to your Windows Control Panel > Programs and Features and select the program in the list.

- To change from Standard Workflow, use the Change option.
- To change from Activate User Management and Audit Trail Only or Activate Compliance installations, use the Uninstall option. Then rerun the installer and make your selection.
Step 3. Install the Quantitative Analysis Program

9. Click Desktop Icons.

10. Select which shortcut icons you would like to appear on your desktop. Click OK to continue.

After installation, you can change which icons are displayed by selecting Start > All Programs > Agilent > MassHunter Workstation > Quant Tools > Setup Desktop Icons.

Select the GC Instrument for a simplified user interface, showing only GC signals or TIC signals. The GC option does not display the MS spectra, providing a simpler quantitation presentation.
Step 3. Install the Quantitative Analysis Program

11. Use Back to review your settings, or click Install to continue. Installation may take a few minutes.

12. Click Finish.

13. If the Service Packs folder exists on the installation DVD:

14. Open the Service Packs folder. If the folder contains another folder, such as SP1, open that folder.

15. Double-click the installation file, ending with SPx.msi.

16. Follow the instructions to install the service pack.
Step 4. Install Quantitative Analysis Supplemental Items

1. From the Quantitative Analysis Disk 2/3 installation DVD, right-click Supplemental.msi, and select Install.

2. Review the terms and choose I accept the terms of the license agreement.

3. Click Advanced or Install.

Do this step if you want to copy the supplemental manuals, report template index, technical videos, and data to your computer from the installation DVD.

If Windows User Account Control asks for permission before continuing with the installation, click Continue or Yes.

Click Install to continue the installation using the default options for all users.

Click Advanced to change the installation options.

a. In the Destination Folder page, the default location is D:\MassHunter\ Click Change to choose a different location for the supplemental items. Click Next when the location is set.
Step 4. Install Quantitative Analysis Supplemental Items

b  In the **Product Features** page, select the way you want to install each feature.

c  Click **Install**.

4. When prompted, remove DVD 2/3, insert DVD 3/3, and click **OK**.

5. Click **Finish**.

To view the supplemental materials, click **Start > All Programs > Agilent > MassHunter Workstation > Quant Supplemental**.
Step 5. Configure Excel for MassHunter

Do this step only if Microsoft Excel was upgraded after the Qualitative Analysis or Quantitative Analysis was installed or upgraded.

Configure Excel for Qualitative Analysis

1. Right-click Agilent MassHunter Workstation Qualitative Analysis, and select Change.

2. Click Repair.

3. Follow the instructions to complete the process.
Step 5. Configure Excel for MassHunter

1. Right-click Agilent MassHunter Workstation Quantitative Analysis, and select Change.

2. Click Repair.

3. Follow the instructions to complete the process.