Agilent MassHunter Workstation – Offline Qualitative and Quantitative Analysis for LC/MS

Installation Guide

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Use this guide to install or upgrade MassHunter Workstation software.

This guide applies to and supports only:

- MassHunter Qualitative Analysis B.06.00 SP1 and later, until superseded
- MassHunter Quantitative Analysis B.06.00 SP1 and later, until superseded
- 64-bit Windows 7 Professional SP1
- Excel 2010 or 2013 and Office 2010 or 2013

Do not install on Windows XP or Windows Vista.

CAUTION

MassHunter and Microsoft Excel software must be installed and set up in the order described in this guide, or the printing of reports will fail.
1 Use the **Uninstall a program** or **Programs and Features** command in Control Panel to remove programs that you plan to upgrade, if they are installed on your system.

- Microsoft Excel 2007 (or earlier) or Microsoft Office 2007 (or earlier)
- Microsoft Excel 2010 or Microsoft Office 2010 (if you plan to upgrade to Excel 2013 or Office 2013)
- Agilent MassHunter Offline Utilities
- Agilent MassHunter Workstation Qualitative Analysis
- Agilent MassHunter Workstation Quantitative Analysis
- Agilent MassHunter Workstation Quantitative Analysis Compliance
- Agilent MassHunter Workstation Quantitative Analysis Reporting

Some of these programs require a reboot when you remove them. You can wait until all of the programs are removed before you reboot your computer.

2 Run Windows Update to make sure you have the latest critical updates and security fixes.

- Click **Start > Control Panel > System and Security > Windows Update.** Verify Windows Update is completed before you continue.

### CAUTION

Do not remove programs that need only service pack installation. Remove only the programs that you plan to upgrade at this time.

### CAUTION

If you do not run Windows Update, your system may be vulnerable to security problems. Confirm that the LAN power management has not been started by a Windows Update program.
Step 2. Install the DA Reprocessor - Offline Utilities

Do this step only if you want to reprocess LC/MS data on an offline MassHunter system.

The Offline Utilities disc contains the DA Reprocessor program. The DA Reprocessor program lets you reprocess one or more data files by running a worklist which starts the Qualitative Analysis program for each file and method in the worklist.

1  Insert the MassHunter Acquisition Offline Utilities disc into the disc drive.
2  Double-click Setup.msi.
3  In the License Agreement page, click I accept the terms of the license agreement, and then click Next.
4  In the Choose Destination Location page, click Next to accept the default destination location.
   The default is C:\Program Files (x86)\Agilent\MassHunter\Workstation\Acquisition Offline\.
5  In the Installation Complete message, click Finish.

Refer to the Data Acquisition online Help for more information on running the DA Reprocessor program.
Step 3. Install the Qualitative Analysis program

Do this step if you want to install the Qualitative Analysis program. If you are installing just the service pack, go directly to step 13.

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

   Installation of the Qualitative Analysis program will fail if Windows Update is running, even in the background.

2. Insert the Qualitative Analysis installation disc into the DVD drive.

3. From the installation disc, right-click setup.exe, and then click Run as administrator.

4. If you are asked whether to allow the program to make changes to your system, click Yes.

5. If you see a welcome page for the installation wizard, click Next.

6. In the License Agreement page, click I accept the terms of the license agreement, and then click Next.

7. In the Choose destination location page, click Next to accept the default destination location.

   The default is C:\Program Files\Agilent\MassHunter\Workstation\Qual.

8. In the Choose location for customer data files page, click Next to accept the default destination location.

   The default is D:\MassHunter. Click Change if you need to change the location.

   Note that some default worklists and methods expect customer data to be in D:\MassHunter. If the customer data folder is set to a different location, users can get an error indication when they open these methods and worklists.

9. In the Start copying files page, review the settings, and then click Next.

10. If you get a message that indicates that the screen resolution is not set to the required resolution, click OK.

11. If you see a Notepad window that prompts you to install other options, close the Notepad window.

12. In the installation completion message, click Finish.
13 If the folder **Service Packs** exists on the installation disc, then:
   
a  Open the **Service Packs** folder. If the folder contains another folder, such as **SP1**, open that folder.

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

   Follow the instructions to install the service pack.
Step 4. Install the Quantitative Analysis program

Do this step if you want to install the Quantitative Analysis program. If you are installing just the service pack, go directly to step 15.

1 Verify that no other program is running on your system. Installation of the Quantitative Analysis program fails if Windows Update is running, even in the background.

2 Insert the Quantitative Analysis installation disc into the DVD drive.

3 From the installation disc, right-click `setup_quant.exe`, and then click Run as administrator.

4 When prompted, select the language for the installation.

5 If prompted, select Install in the Agilent Installation Qualification Tool dialog box.

6 In the Welcome to the InstallShield Wizard page, click Next to continue with the installation.

7 In the License Agreement page, click I accept the terms in the license agreement, and then click Next.

8 In the Destination Folder page, click Next to accept the default destination location.
   The default is \Program Files\Agilent\MassHunter\Workstation\Quant.

9 In the Customer Data Folder page, click Next to accept the default destination location.
   The default is D:\MassHunter. Click Change if you need to change the location.

   For a typical installation, use the same data file location that is used by the MassHunter Data Acquisition Workstation to store acquired data.

   Note that some default worklists and methods expect customer data to be in D:\MassHunter. If the customer data folder is set to a different location, users can get an error indication when they open these methods and worklists.

10 In the Ready to Install the Program page, click Install to begin.

   When the installation begins, the Installing Agilent MassHunter Workstation Quantitative Analysis page appears.
11 In the **Choose Icons** page, mark the check boxes for the instruments that apply. Clear the check boxes for the instruments that do not apply. See Figure 1.

![Choose Icons dialog box](image)

**Figure 1** Choose Icons dialog box

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

12 Click **OK**.

13 In the **InstallShield Wizard Completed** message, click **Finish**.
Step 4. Install the Quantitative Analysis program

14 Confirm that the icons you selected, as well as Library Editor and Unknowns Analysis, appear on your desktop.

15 If a service pack is available:
   a If the folder Service Packs exists on the installation disc, then open the Service Packs folder. If the folder contains another folder, such as SP1, open that folder.

      As an alternative, the service pack file can be provided to you by an Agilent representative or support service.

   b Locate the installation file, ending with SPx.exe.

   c Right-click the installation file and click Run as administrator.

   d Follow the instructions to install the service pack.
Step 5. Install and configure Microsoft Excel software

Do this step if you want to upgrade and configure Microsoft Excel software to run with your MassHunter program.

MassHunter supports only Microsoft Excel 2010 or later, or Microsoft Office 2010 or later.

1 Close all MassHunter Workstation programs.
2 Make sure that the DA Reprocessor program is not running.
3 Start the installation:
   a Follow the instructions that came with the Microsoft Excel or Microsoft Office software or Product Key to start the installation.
   b If you are prompted to enter the Product Key, do so.
      If you do not enter the Product Key now, Microsoft Excel reminds you later, which can interfere with report automation.
      The Product Key must be verified to activate your Microsoft product. Automatic verification requires an Internet connection. If your system does not have access to the Internet, the Activation Wizard starts and allows you to verify by telephone.
   c Click Customize.
4 Make sure that these options, which are required by MassHunter to run reports, are enabled for installation. If not, click the program name and click **Run all from My Computer**.

- Microsoft Office Excel
- Office Shared Features > Visual Basic for Applications
- Office Tools

![Microsoft Office installation options. For Microsoft Excel, you see only Microsoft Office Excel, Office Shared Features and Office Tools.](image)

5 Click **Install Now** and continue the installation as instructed.

6 If you are prompted to get updates, click **Go to Office Online**. Follow the instructions to update Microsoft Excel or Microsoft Office.
Step 6. Install Quantitative Compliance program

Do this step if you need to enable compliance for the Quantitative Analysis program.

1 From the Quantitative Analysis installation disc, right-click setup_quantcompliance.exe and click Run as administrator.

2 Select desired language and click OK.

3 In the installation welcome page, click Next to continue.

4 In the License Agreement section, click I accept the terms of the license agreement, and then click Next.

5 Click Install.

6 Click Finish when install is complete.
Step 7. Install Quantitative Analysis Reporting

Do this step only if you need to upgrade your Quantitative Analysis Reporting program. If you are installing just the service pack, go directly to step 10.

1 Verify that no other program is running on your system. Installation of the Quantitative Analysis Reporting program will fail if Windows Update is running, even in the background.

2 From the root directory of the Quantitative Analysis installation disc, right-click setup_quantreport.exe, and then click Run as administrator.

3 Select desired language from the drop-down menu and click OK.

4 In the Welcome to the InstallShield Wizard page, click Next to continue with the installation.

5 In the License Agreement page, mark the I accept the terms of the license agreement, and then click Next.

6 If needed, in the Destination Folder page, click Change to change the default destination location for the report templates. The default is D:\MassHunter\Report Templates\Quant\.

7 Click Next to continue.

8 In the Ready to Install the Program page, click Install to begin.

When the installation begins, the Installing Agilent MassHunter Workstation Quantitative Analysis Reporting page appears.

9 In the InstallShield Wizard Completed message, click Finish.

10 If a service pack is available:

   a If the folder Service Packs exists on the installation disc, then open the Service Packs folder. If the folder contains another folder, such as SP1, open that folder.

      As an alternative, the service pack file can be provided to you by an Agilent representative or support service.

   b Locate the installation file, ending with Reporting_SPx.exe.

   c Right-click the installation file and click Run as administrator.

   d Follow the instructions to install the service pack.
Step 7. Install Quantitative Analysis Reporting

11 Make sure the appropriate print drivers are installed.
   - To use the HP LaserJet P3005d or P3015d printer, install the print driver from http://welcome.hp.com/country/us/en/support.html.
   - To print reports in the A4 format to HP PCL6 printers, install the printer driver patch from http://support.microsoft.com/kb/935843.
   - To use the Canon LBP3310 printer for Japanese Windows, install the printer driver from the installation disc.

12 Set the Microsoft XPS Document Writer as the default printer:
   a  Click Start > Devices and Printers.
   b  Right-click Microsoft XPS Document Writer and click Set as Default Printer.

   * Printers and Faxes (3)

   Fax  Microsoft XPS Document Writer  Send To OneNote 2013

   CAUTION

If no printer is set up as the default printer, reporting can fail.

If you installed Excel 2013 or Office 2013, you must change the default printer to Microsoft XPS Document Writer. These products automatically install Microsoft OneNote and set the default printer to OneNote. OneNote breaks some Excel report formats and causes extra pages to be printed.

The Microsoft XPS Document Writer formats the Excel workbooks three to four times faster for networked printers because the formatting page set-up information is stored on the local computer. The report is processed by the Microsoft XPS Document Writer, but it is actually printed on the printer selected in the MassHunter program.
Step 8. Install Quantitative Analysis Supplemental files

Do this step if you want to copy these to your computer from the installation disc:

- Manuals
- Report template index
- Technical videos outline
- Data

1. From the MassHunter Quantitative Analysis installation disc, open the Supplemental folder. Right-click `Setup_Supplemental.exe`, and then click Run as administrator.

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

3. Select desired language from the drop-down menu and click OK.

4. In the Welcome to the InstallShield Wizard page, click Next to continue with the installation.

5. In the License Agreement page, mark the check box for I accept the terms of the license agreement, and then click Next.

6. If needed, in the Destination Folder page, click Change to change the default destination location for the supplemental items. The default is D:\MassHunter. Click Next.

7. If needed, in the Setup Type page, click Custom to change the default program features to install and their locations. The default setup is Complete. Click Next.

8. In the Ready to Install the Program page, click Install to begin.

9. In the InstallShield Wizard Completed message, click Finish.

10. To view the supplemental materials, click Start > All Programs > Agilent MassHunter Workstation > Quant Supplemental.
Step 9. Check Microsoft Excel for MassHunter Reporting Add-Ins

2. Start Microsoft Excel. If you are warned that Microsoft Excel is unable to find a MassHunter Add-In, click OK.
3. Click File > Options to open the Add-Ins dialog box. See Figure 3.

![Figure 3 Excel Options Add-Ins page](image)

4. From the navigation pane, click Add-Ins.
5. Click the Go button next to the Manage drop-down list.
6. Make sure that the check box for Masshunter Addin Loader is marked, and that the two MassHunter reporting add-ins are listed. See Figure 4.

Only MassHunter Addin Loader needs to be selected. When you open a report template, the appropriate MassHunter reporting add-in is automatically enabled.
Step 9. Check Microsoft Excel for MassHunter Reporting Add-Ins

If either reporting add-in is not listed, check that all software and service packs (if any) are correctly installed.

![Add-Ins dialog box with MassHunter Addin Loader selected](image)

**Figure 4** MassHunter Addin Loader check box marked for an offline MassHunter installation.
Step 9. Check Microsoft Excel for MassHunter Reporting Add-Ins
In This Book

This book contains installation instructions to install or upgrade an offline copy of the Agilent MassHunter Workstation Software.

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