Agilent MassHunter Workstation Software for Triple Quad LC/MS

Upgrade Guide

Use this guide to upgrade an online MassHunter Data Acquisition Workstation to B.07.01 or higher.

Before you begin, make sure you have a copy of the *Offline Qualitative and Quantitative Analysis Installation Guide* on hand.

NOTE   Excel is not required to generate MassHunter Qualitative Analysis or Quantitative Analysis reports. You only need to upgrade Excel if you need to use custom report templates created in Excel, and if you are running Microsoft Excel or Office 2010 or earlier.

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Step 1. Prepare for installation

1 Use the **Uninstall or change a programs** command in Control Panel to remove programs that you will be upgrading. *Do not remove programs for which you need only to install a service pack.*

- Microsoft Excel, if you need to upgrade. Only Excel 2013, either as a standalone program or as part of the Office 2013 suite, is supported.
- Agilent MassHunter Workstation Qualitative Analysis
- Agilent MassHunter Workstation Quantitative Analysis
- Agilent MassHunter Workstation Quantitative Analysis Reporting
- Agilent MassHunter Workstation Quantitative Analysis Compliance

2 Back up the data, method and worklist files in the **D:\MassHunter** folder. Use the back-up method of your choice. You can create the folder **D:\MassHunter_Archive** to store the files that you want to back up.

The uninstallation program keeps your data, method and worklist files. It also backs up your tuning and hardware setting files, which are restored during installation. Do not move, remove or rename the D:\MassHunter folder, or your tuning and hardware settings will not be saved.

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

Make sure Windows Update is completed before you continue.

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 activated by a Windows Update program.

Step 2. Install Microsoft Excel software (optional)

The MassHunter Qualitative Analysis and Quantitative Analysis programs include PDF-based report templates. You only need to upgrade Excel if you want to use custom Excel report templates. MassHunter supports only Excel 2013 (standalone or as part of Office 2013).

- Refer to the *Offline Qualitative and Quantitative Analysis Installation Guide* to install and configure Excel.

Step 3. Install the Acquisition program

If the upgrade to the Data Acquisition program is for a service pack only, continue at "Step 6. Install Service Packs for Data Acquisition (if needed)" on page 5.

The installation of the Data Acquisition program includes installation of Optimizer and Study Manager. Do not separately install these programs.

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

2 Put the Data Acquisition installation disc into the disc drive.

The welcome page appears.

3 Click **Uninstall MassHunter Data Acquisition Software**, and then follow the instructions on the page to remove the current program.

4 Click **Install Microsoft .NET 4.5**. Follow the instructions to install Microsoft .NET 4.5.

5 Click **Install MassHunter Data Acquisition Software**, and then follow the instructions to install the software.

- In the License Agreement page, click **I accept the terms in the License Agreement**, and then click **Next**.

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

  The default is **C:\Program Files (×86)\Agilent\MassHunter\Workstation\Acq**.

- In the **Choose location for customer data files** screen, check that the default of D:\MassHunter is displayed in the text box, and then click **Next**.

- In the **Ready to install** page, click **Install**.

The Setup Status page now appears.

- If you are asked to allow Agilent Technologies to install software on the computer, click **Yes**.

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

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

- When the installation completion message is displayed, click **Finish**.

6 Click **Update MS Firmware**.

7 Click **Install MassHunter Data Acquisition Manuals**, and then:

   a Make sure all check boxes are marked.

   b Click **Start Copy**.

   Manuals for Help must be marked so that user guides can be opened from online Help after installation. **Manuals** can be marked to copy the user guides to a second location of your choice.

8 Click **Install Software Verification Tool** if you need to qualify the installation.

9 If your system includes an Agilent 1290 Infinity LC Injector HTC/HTS, click **Install HTC/HTS Driver**.

Step 4. Install the Qualitative Analysis program

Do this step only if you are upgrading the Qualitative Analysis program at this time.

- Refer to the *Offline Qualitative and Quantitative Analysis Installation Guide* to install the Qualitative Analysis program.

Do not install any other MassHunter program until instructed to do so.

Step 5. Install the Quantitative Analysis program

Do this step only if you are upgrading the Quantitative Analysis program at this time.

- Refer to the *Offline Qualitative and Quantitative Analysis Installation Guide* to install the Quantitative Analysis program.

Do not install any other MassHunter program until instructed to do so.

Step 6. Install Service Packs for Data Acquisition (if needed)

1 Put the Data Acquisition installation disc into the disc drive.

   If you received a separate Service Pack installation disc, insert that disc instead.

2 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 Locate the installation file, which ends with **SP *x*.exe**.

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

   d Follow the instructions to install the service pack.

Step 7. Install Quantitative Analysis Reporting

Do this step only if you need to upgrade Quantitative Analysis Reporting.

- Refer to the *Offline Qualitative and Quantitative Analysis Installation Guide* to install the Quantitative Analysis program.

Do not install any other MassHunter program until instructed to do so.

Step 8. Configure Excel (optional)

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

1 Click **Start > Control Panel > Programs and Features**.

2 If you need to configure Excel for Qualitative Analysis:

    a Right-click **Agilent MassHunter Workstation Qualitative Analysis**.

    b Click **Change**, and then click **Repair**.

    c Follow the instructions to complete the process.

3 If you need to configure Excel for Quantitative Analysis:

    a Right-click **Agilent MassHunter Workstation Quantitative Analysis**.

    b Click **Change**, and then click **Repair**.

    c Follow the instructions to complete the process.

Step 9. Confirm and update the LC firmware

1 Start the Data Acquisition program.

2 Click **File > Print > Instrument Configuration Report**.

3 Click **Screen**.

4 Click **OK**.

5 Go to http://www.chem.agilent.com/_layouts/agilent/downloadFirmware.aspx?whid=69761 and check that you have the most recent firmware for your instrument.

6 If you need to update your LC firmware, follow the instructions on the web site. Make sure you use the latest firmware update tool, as instructed on the web site.

7 Check that the firmware for the G1369A Agilent LAN Interface card is the latest version available:

   a Start a Command Prompt in Windows.

   b Type `telnet 192.168.254.11` in the Command Prompt window and press **Enter**.

   c Type / in the Telnet window.

The LAN Interface card displays its current configuration information.

The LAN Interface card requires 1.10 firmware or higher. If an upgrade is needed, please contact your Agilent representative.

Step 10. Finish the installation

1 If this is an upgrade installation, copy or move the files that you backed up at the beginning of the upgrade process.

If you backed up the files to **D:\MassHunter_Archive**, copy the files to the **D:\MassHunter** folder.

2 Create a system recovery disc of your installed system.

Check with your IT department for the appropriate backup procedure.

3 Install or enable any other program that you will use with your MassHunter workstation. Refer to the installation guide or quick start guide for these programs.

4 Make sure that the trust settings in Excel are set for all MassHunter users, including the guest account that is set up for compliance. See the *Offline Qualitative and Quantitative Analysis Installation Guide* for more information.

5 Install or enable any other program that you will use with your MassHunter Workstation. Refer to the installation guide or quick start guide for these programs.

Step 11. Configure the instrument

If available, configure the device from the Device Configuration tool in the Data Acquisition program. Go to **Tools > Device Config**.

Some HPLC instrument setups can be configured only through the Device Configuration tool from the Data Acquisition program. The Capillary Pump and the Nano pump with the Chip Cube are examples.

In this step, you configure the Triple Quad instrument and the HPLC instrument.

1 Open the **Agilent MassHunter Workstation** folder on the desktop, and then double-click **Acq Tools**.

2 Double-click the **Instrument Configuration** tool.

3 If you are prompted to log in to OpenLAB, provide the user name and password for an OpenLAB administrator account.

   You are prompted if OpenLAB Shared Services is installed on this computer.

4 In the Instrument Configuration dialog box:

   a If you want to change the name of the instrument, type a new name for **Instrument name**.

   b Mark the **Mass Spectrometer** check box.

   c Click the option for your LC/MS instrument.

   d Mark the **Agilent LC (1100/1120/1200/1220/1260/1290)/CE** check box.

   e Click **Agilent LC System Access**.

   f Click **Device Config** and configure the LC system.

   g Mark the check box for any other LC modules that you have. For HTC/HTS Autosampler, type in a COM port or IP address. For SFC, type in the COM port.

      To find the COM port that is used by the SFC module, right-click the computer icon on your desktop, click **Start > Control Panel > Device Manager**, and expand the **Ports (COM & LPT)** node.

   h If needed, next to **HTC/HTS Autosampler** or **SFC,** click **Configure Device** and configure the device.
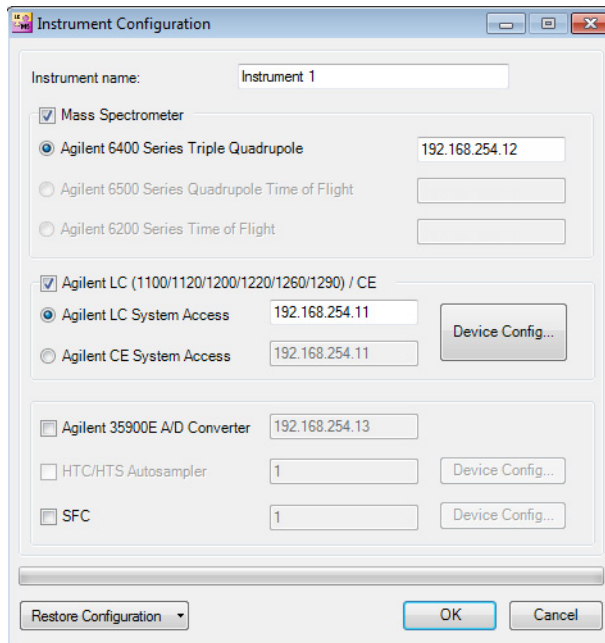
   i Click **OK**.

Figure 1   Instrument Configuration Dialog Box

5 When configuration is completed, click **OK**.

6 If your system includes an Agilent 1290 Infinity LC Injector HTC/HTS, and you want to use cycles that were created in a previous version of MassHunter Workstation:

   a Open the Data Acquisition program.

   b Set the **Context** to **Acquisition**.

   c Under **HTC/HTS**, right-click the module image.

   d Click either **Import Cycle** or **Open FSE**, depending on whether an FSE license is registered on your system.

   e If you see the FSE dialog box, then from under **PAL Cycle List**, select **PAL Cycles**.

   f Select the HTC/HTS cycles to import from the Import Cycle dialog box. Click **OK**.

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In This Book

This book contains installation instructions to upgrade Agilent MassHunter Workstation Software for Triple Quad LC/MS Systems.

This guide supports Agilent MassHunter Workstation Software for Triple Quad LC/MS B.07.01 and later, until superseded.

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