Agilent MassHunter Walkup System

Setup Guide

Installation 3
Step 1. Install OpenLAB Shared Services on the server (large labs only) 4
Step 2a. Install and configure MassHunter and OpenLAB Shared Services 4
Step 2b. Install OpenLAB CDS 6
Step 3. Configure OpenLAB system settings 7
Step 4a. Configure MassHunter Workstation 10
Step 4b. Configure OpenLAB CDS 11
Step 5. Install and start the Walkup program 12
Step 6. Configure the Walkup workstation 14
Step 7. Install MassHunter Analytical Studio Reviewer 17
Step 8. Configure Analytical Studio Reviewer for Walkup 18
Step 9. Install other tools and programs on Remote Administration computers 24
To upgrade Walkup software only 27
To upgrade Walkup and OpenLAB CDS only (small lab or no server upgrade) 27
To upgrade Walkup and OpenLAB Shared Services server (networked lab only) 28
To upgrade Remote Administration software (networked lab) 29
To remove the Walkup software 29

Startup 30
To start the Walkup program 30
To shut down the Walkup program 33

Samples/Events 34
To open the Samples/Events pane 34
To learn how to manage samples 35
System Administration and Configuration 36
  To open the Configuration pane 36
  To learn how to configure the system 37
Laboratory 38
  To open the Laboratory pane 38
Installation

Walkup software can be installed:

- in a small lab on standalone workstations
- in a large lab in a Networked System

In a large lab, the Walkup system consists of:

- Server that runs OpenLAB Shared Services
- Networked OpenLAB CDS or MassHunter workstations
  
  *All networked systems must run the same version of Walkup and OpenLAB Shared Services.*
  
- Office computers that are used to manage Walkup and lab data remotely

**NOTE**

OpenLAB CDS Distributed System is not supported.

---

Walkup supports only these instruments, software and hardware revisions:

- Agilent 1100 or 1200 Series Liquid Chromatograph
- Agilent 1290 Infinity LC System, except:
  - Fraction Collector not supported
  - Multisampler and Clustered Devices not supported for OpenLAB CDS
- Agilent Infinity LC Injector HTS/HTC or equivalent
- For Agilent 6100 Series Single Quad LC/MS:
  - OpenLAB CDS ChemStation Edition C.01.07
  - MS firmware 3.02.42 or higher
- For Agilent 6200 Series Time-of-Flight or 6500 Series Quadrupole Time-of-Flight LC/MS:
  - MassHunter Acquisition for TOF/Q-TOF B.06.01 or higher
  - MassHunter Qualitative Analysis B.07.00 or higher
- Windows 7 (64-bit)
- OpenLAB Shared Services Server Version A.02.02
Installation
Step 1. Install OpenLAB Shared Services on the server (large labs only)

1. Install the OpenLAB Shared Services software on a server system.
   - Follow instructions in the *Agilent OpenLAB Chromatography Data System (CDS) Networked and Distributed System Installation and Configuration Guide*.
   - Make sure you do the steps in “Install OpenLAB CDS on the Server”.

2. Make sure that the system is completely verified.

Step 2a. Install and configure MassHunter and OpenLAB Shared Services

Do this step for each MassHunter Workstation on which Walkup will be installed.

1. Make sure MassHunter Workstation is installed and verified. Refer to the installation guide for MassHunter Workstation.

2. Insert the Walkup installation disc into the disc drive.

3. Click the link to install Walkup on a MassHunter workstation.

4. If Microsoft .NET Framework 4.5 is not installed on the workstation, click **Install** for Microsoft .NET Framework.

5. Under either *Small Lab* or *Large Lab*, depending on your lab configuration, click **Install** next to *OpenLAB Shared Services*.

**NOTE**
To upgrade the Walkup software, start at “To upgrade Walkup software only” on page 27 or “To upgrade Walkup and OpenLAB CDS only (small lab or no server upgrade)” on page 27.
6 Click the appropriate installation mode.
   • For small labs, click **Stand-alone**.
   • For large labs, click **Client**.

7 For client installations:
   a In the **ClientConnection** dialog box, for both the **Connection name** and the **Server name**, type the name of the OpenLAB Shared Service computer.
   b Click **OK**.
   c When the installation completes, the OpenLAB Control Panel icon appears on the desktop.
Step 2b. Install OpenLAB CDS

Do this step for each OpenLAB CDS workstation on which Walkup will be installed.

For large labs, refer to the Agilent OpenLAB Chromatography Data System (CDS) Networked Workstation Installation Guide.

For small labs, refer to the Agilent OpenLAB Chromatography Data System (CDS) Workstation Installation Guide.

1. Install all hardware as instructed in the appropriate installation guide.

2. Install the OpenLAB CDS ChemStation Edition software on each workstation, as described in the installation guide.
   • In the System Configuration Check step, select ChemStation Edition.
   • To use Walkup with LC/MS instruments, make sure that IO Libraries are installed.
   • Make sure all required patches and hot fixes are installed.

3. Make sure that the LC or LC/MS instrument is properly installed and verified.
**Step 3. Configure OpenLAB system settings**

1. Start the OpenLAB Control Panel.
   For MassHunter Data Acquisition systems, you can ignore any status message that indicates that the OpenLAB Control Panel will expire or has expired.

2. Set the authentication provider to **Internal** or **Windows Domain**:
   a. Click **Administration**.
   b. In the **Navigation** pane, click **System Configuration**.
   c. Click **Edit System Settings**.
   d. In the **Edit System Settings** dialog box, under **Current Configuration**, select **Internal** or **Windows Domain**.
   e. Click **Next**.
   
   If you select **Internal**, Walkup user accounts are managed through the OpenLAB Control Panel.
   
   If you select **Windows Domain**, Walkup accounts can only be set up for users that are registered with the Windows domain controller. The domain controller is typically managed by the IT department.

3. If you selected **Windows Domain** as the authentication provider:
   a. If needed, mark the check box under **Authentication Parameters** and type in the required parameters.
   b. Click **Select Account**.
   c. Search for the user name of an administrator in the domain in which the OpenLAB Shared Services server sits.
   d. Click **Apply** to apply Windows Domain authentication provider settings.

4. If you selected **Internal** as the authentication provider:
   a. Click **Create Account**.
   b. Set up an administrator account and click **OK**.
   c. Click **Next**, and then click **Apply**. Confirm that you want to make your changes.
Installation
Step 3. Configure OpenLAB system settings

5 For **OpenLAB CDS workstations only.** Configure instruments:
   a Click **Instruments**.
   b Create and configure all instruments in the OpenLAB Control Panel.

   For **Method load on startup**, select **Download method to instrument**.

   Note that Walkup supports only one instrument on each workstation. If multiple instruments are configured, the Walkup instrument must be Instrument 1.
6 For OpenLAB CDS workstations only. Create shortcuts for the ChemStation program:
   a In the OpenLAB Control Panel ribbon, click the Create Shortcuts icon.
   b Click OK.
Step 4a. Configure MassHunter Workstation

1. On the MassHunter Workstation, configure the LC/MS instrument and LC modules.

   Do this even if the instrument is already configured in MassHunter or OpenLAB Control Panel.

   If you are warned that the instrument configuration failed, click **OK**. This warning appears if the instrument is already configured in OpenLAB Control Panel.

   When you are prompted to log into OpenLAB, log in using the OpenLAB admin account that you just created.

   Refer to the *Installation Guide* for your LC/MS system.

2. In the MassHunter Qualitative Analysis program:
   
   a. Create a method with automated processing steps included.

   b. Select to save the result files (either reports or exported files) with the data files.

   c. If you are using the Molecular Formula or the Masses workflow, in the **Find by Formula - Options > Formula Source** tab, set **Source of formulas to confirm** to **Worklist**.

   d. If you are using the MassHunter BioConfirm program, then for each method, in the **Define and Match Sequences > Source** tab, set the **Match source** option to **Worklist**.

      See “Set match sequence method parameters” in the Qualitative Analysis online Help.

   e. Save the method.

To check that the method generates an automated report, use the DA Reprocessor program with an existing data file.
Step 4b. Configure OpenLAB CDS

Do this on each OpenLAB CDS workstation.

1. Start the ChemStation Console. To do so, click the ChemStation icon for online analysis.

   If a desktop shortcut was not created, open the OpenLAB Control Panel. For the instrument that you will use with Walkup, under **Start Instrument**, click **Launch**.

2. When the ChemStation workstation is started for the first time, and when prompted, select the appropriate LC/MS model.

3. Create a method in ChemStation console.

4. Save the method as **WalkupStandby.m**.

   This method does not need to contain data analysis components. It is used as an idle method to lower the flow rates to reduce solvent consumption after the last sample is run.

5. Test the ChemStation to make sure the system operates properly. Tune the LC/MS instrument before you continue.
Step 5. Install and start the Walkup program

Do this on each workstation after OpenLAB CDS ChemStation Edition or MassHunter Workstation is installed and verified.

1. Log in to an account that has administrator rights.
2. Close the ChemStation or MassHunter program.
3. Insert the Walkup System installation disc into the disc drive.
4. Click the appropriate link to start the installation for your data system.
5. Under **Instrument Workstation** for either **Small Lab** or **Large Lab**, click **Install** or **Install/Upgrade**.

If the installation does not start, read **Readme First!.txt** on the installation disc.

6. Click **Run** when given the option to run or save the file.

Do not save the installation program to your computer before you run it. The installation program will not run properly if you do.

7. If the same version of Walkup already exists on the computer, you are given the option to remove or repair Walkup. Select to remove Walkup if you want to do a fresh installation.

In an upgrade installation, you are not asked to choose.

8. When the Agilent MassHunter Walkup System Setup dialog box appears, click **Next** to continue.

9. Read the license agreement. Click **Yes** to accept its terms and continue the setup program.

10. If the **Choose Destination Location** dialog box appears, click **Next** to accept the folder, or click **Browse** to select a different location. The installation folder is:

    `C:\Program Files (x86)\Agilent\MassHunter\Walkup`

In an upgrade installation, you are not asked for the destination location.
Step 5. Install and start the Walkup program

11 If no other MassHunter program was previously installed, you are prompted to select a **Customer Home** path. Select the appropriate folder.

Make sure that the drive that is selected is large enough to hold the data files that will be generated by Walkup.

12 Review the settings when presented and click **Next** to continue.
13 Click **Finish** when the Walkup installation is complete.
14 Start the Walkup program. See “To start the Walkup program” on page 30.
Step 6. Configure the Walkup workstation

You can configure the Walkup workstation in one of three ways:

- Use the Walkup Administration tool to manually configure the system.
- Import configuration settings from another computer that runs the same version of Walkup. (You cannot directly import a Walkup configuration file from a Walkup C.01.01 or Walkup C.01.00 installation.)
- Migrate configuration settings from Easy-Access installations.

To keep your Walkup configurations when you upgrade, upgrade Walkup as instructed in this guide. You are not able to import Walkup configuration from an earlier version if you do a clean upgrade installation.

After you configure the first workstation in your lab, you can export the configuration and import it to all of the other workstations in your lab that runs the same version of Walkup.

To manually configure Walkup workstation

1. Open the Walkup Administration window:
   - b. Enter the user name and password that was created in step 2 of “Step 3. Configure OpenLAB system settings” on page 7.
   - c. When the Walkup Administration window appears, click the Configuration button in the lower left area of the screen (shown in the next figure).
2 From the left side of the screen, click **Events**. Then under **Standby**, for **Idle Method**:
   - For OpenLAB CDS, select **CSWalkupStandby**.
   - For MassHunter, select **MHWalkupStandby**.

3 Use the buttons on the left side of the screen to guide you through the remaining configuration tasks. For more information, refer to the **online Help** tasks under **Configure Walkup**.

4 When you are finished, verify and save the configuration. Refer to **online Help** if needed. In a networked system, the configuration is stored on the OpenLAB Shared Services server.
5 Click **Exit Administration** on the ribbon to close the Walkup Administration window and return to the MassHunter Walkup console.

6 To use the same configuration for another Walkup workstation, export the configuration. Refer to “To export a Walkup configuration” in the online Help.

**To import configuration from another Walkup workstation**

Do these steps if you want to use the configuration from another Walkup workstation.

Both workstations must run the same version of Walkup, and must be running on the same data system (either OpenLAB CDS or MassHunter).

You can import Walkup configuration files only from a workstation that runs the same version of OpenLAB CDS ChemStation Edition.

1 Export the configuration from the configured workstation. See “To export a Walkup configuration” in the online Help.

2 Import the configuration. See “To import a Walkup configuration” in the online Help.

To verify the import of the Walkup configuration, open existing ChemStation methods and make sure they work correctly.

**To migrate settings from Easy-Access**

If you installed Walkup on a system that was running Easy-Access, you can migrate the database and configuration settings from Easy-Access.

- To migrate Walkup configuration settings from Easy-Access, see “To migrate an Easy-Access configuration” in the online Help.
Step 7. Install MassHunter Analytical Studio Reviewer

NOTE When you install MassHunter Analytical Studio Reviewer or configure ChemStation, you can be asked one or more times whether to allow a program from an unknown publisher to make changes to the computer. Click Yes.

- Install MassHunter Analytical Studio Reviewer software. Refer to the Analytical Studio Reviewer *Quick Start Guide* for installation instructions and requirements.
  - MassHunter Analytical Studio Reviewer program (B.02.01).
  - MassHunter ASR File Generator for ChemStation, if you want to create custom reports for MS results.

If your operating system is Windows 7 and you are warned that you are installing on an unsupported Windows system, click Yes to continue the installation.
Step 8. Configure Analytical Studio Reviewer for Walkup

Analytical Studio Reviewer (ASR) lets you view, print, and export your data without having to purchase and run full analytical software on every desktop. To use Analytical Studio Reviewer, the results file is converted to ASR format. With Walkup, ASR files can be emailed to users who can review the results on client computers where Analytical Studio Reviewer software is installed.

**MassHunter Workstation**

1. Set up MassHunter Workstation to generate ASR data.
2. Save the method with a descriptive name, such as Walkup_ASR1.


Continue at “Set up Analytical Studio Reviewer options for Walkup” on page 20.

**OpenLAB CDS ChemStation Edition**

1. Start the ChemStation console.
2. Open a valid ChemStation method and data file.
3. Set up ASR File Export options in ChemStation:
   a. In the **Data Analysis** view, click **ASR > ASR File Options**.
   b. Mark the **Generate ASR File** check box.
   c. Mark the **Automatically Print Single Sample Report** check box.
   d. Select **Print report after each run**.
   e. Click **OK**.
Step 8. Configure Analytical Studio Reviewer for Walkup

4 Set up Sample Purity Options:
   a In the Method & Run Control view, click Method > Sample Purity Options.
   b Select the appropriate adducts.
   c Mark the Enable purity calculations check box.
   d Select Use target mass from Easy-Access.
   e Select signals for Qualitative Calculations.
   f Click OK.
**Installation**

**Step 8. Configure Analytical Studio Reviewer for Walkup**

5. Save the method with a new name, such as Walkup_ASR1.

6. Repeat step 2 through step 5 for each method that you want to use with Walkup and Analytical Studio Reviewer.

**Set up Analytical Studio Reviewer options for Walkup**

2. Click **Report > Setting > Single Sample Report**.
3. Mark the check box for **Adobe Acrobat**.
4. In the **General** tab, select **Save to specified directory**.
5. Click **Save**.

---

**Figure 2**  Sample Purity Options dialog box

<table>
<thead>
<tr>
<th>Positive</th>
<th>Negative</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adducts</td>
<td>Excluded Masses</td>
</tr>
<tr>
<td>M - no adduct</td>
<td>Mass</td>
</tr>
<tr>
<td>M+Na (23)</td>
<td></td>
</tr>
<tr>
<td>M+H (1)</td>
<td></td>
</tr>
<tr>
<td>M+Na (23)</td>
<td></td>
</tr>
<tr>
<td>M+H (1)</td>
<td></td>
</tr>
<tr>
<td>2M+H (33)</td>
<td></td>
</tr>
<tr>
<td>2M+Na (46)</td>
<td></td>
</tr>
<tr>
<td>2M+H (33)</td>
<td></td>
</tr>
<tr>
<td>2M+Na (46)</td>
<td></td>
</tr>
</tbody>
</table>

Charge States:
- 2
- 3

**Estimated Sample Purity Calculation**

- **Target Mass Source**
  - Use Sample Target Mass
  - Use target mass from Easy-Access
  - Use these targets:

- **Sample Purity**
  - Report target peak(s):
    - by/Area
  - If multiple peaks for a target:
    - Use largest peak
    - Sum all peaks

- **Target Mass Detection**
  - %P/I for Target Found
  - %P/I for Target Confirm

- **Qualification Calculation**
  - Primary Signal
  - or level
  - reporter compound pure

---

[Image of Sample Purity Options dialog box]
Step 8. Configure Analytical Studio Reviewer for Walkup

**Set up Walkup options for Analytical Studio Reviewer**

1. Start the Agilent MassHunter Walkup console.
2. In the **Tools** ribbon, click **Administration**. Log in as an administrator.
3. In the **Configuration** pane, click **Methods**.
4. For every method that you created for use with Analytical Studio Reviewer and Walkup:
   a. Click **<Add New Method>**. Give the new Walkup method a name and description.
   b. Mark the check box for **Make available for sample submission**.
   c. For **Data System Method**, select a method that you just created, such as `C:\Chem32\1\METHODS\WALKUP_ASR1.M` (for OpenLAB CDS) or `D:\MassHunter\Methods\Walkup_ASR1.M`.

---

**Figure 3** Single Sample Report Settings dialog box in Analytical Studio Reviewer.
Step 8. Configure Analytical Studio Reviewer for Walkup

5. In the **Navigation** pane, click **Email**.
6. In the **Content** group, mark the check boxes for **ASR Report** and **Custom**.
7. Type **PDF** as the custom file type.

---

**Figure 4**  Method configuration

**Figure 5**  Email options in Walkup
8 In the **Navigation** pane, click **Users And Groups**.

9 For each group that is to receive ASR reports, select the group name, and then make sure that the **Email report** check box is marked.

![Group Configuration](image)

**Figure 6** Group Configuration options in Users And Groups view

10 In the Navigation pane, click **Workflows**.

11 Create a new sample submission workflow for ASR. Make sure to include a target column of type **Formula Confirmation**.

12 In the toolbar, click **Verify** and then click **Save**.

   The Save button is not enabled until configuration errors are resolved. For more information, see “To verify and save the configuration” in the Walkup online Help.

13 Click **Exit Administration**.

14 Run a few samples in the Walkup program. In the Sample List screen, make sure you specify a **Target Mass** or **Molecular Formula**.

15 Verify that the samples are successfully completed.

16 Open the completed sample data file in MassHunter Analytical Studio Reviewer.

17 Verify that the Target column appears with data for target sample.
Step 9. Install other tools and programs on Remote Administration computers

You can install these tools and programs on other computers to help you remotely manage data and Walkup workstations in your laboratory network.

These programs are installed on computers other than Walkup workstations and OpenLAB Shared Services servers.

Remote Administration software (networked labs only)

The Remote Administration software lets you manage your lab from anywhere on the network.

1 Insert the Walkup System installation disc into the disc drive.
2 Click Install Walkup on Remote Administration Computer (For Large Lab only).
3 If Microsoft .NET Framework 4.5 is not installed on this computer, click Install for Microsoft .NET Framework.
4 Install the Software Verification Tool.
   a Click Install next to Software Verification Tool.
   b Follow the prompts to install the Software Verification Tool.
5 Install and verify OpenLAB Shared Services in Client mode.
   a Click Install next to OpenLAB Shared Services.
   b Agree to the licensing agreement.

The Installation Type screen is displayed.
**Installation**

Step 9. Install other tools and programs on Remote Administration computers

- **c** Click Client.
- **d** In the **ClientConnection** dialog box, for both the **Connection name** and the **Server name**, type the name of the OpenLAB Shared Service computer.
- **e** Click **OK**.

- **f** When the installation completes, the OpenLAB Control Panel icon is placed on the desktop.

6 Install the Walkup Remote Administration:

- **a** Click **Install** next to **Remote Administration**.
- **b** Click **Run** in the File Download message box.

Do not save the installation program to your computer before you run it. The installation program will not run properly if you do.
Installation
Step 9. Install other tools and programs on Remote Administration computers

Follow the prompts to install the Remote Administration program.

**Unpack Utility (OpenLAB CDS only)**

Install the Walkup Unpack Utility on all computers that will receive HTML reports in .zne format from Walkup workstations.

You can configure Walkup software to send sample results to users by email. The results are compressed into a .zne file.

1. Insert the Walkup installation disc into the disc drive.
2. Click **Install Walkup on OpenLAB CDS ChemStation Edition**.
3. Under **Additional Software**, click **Install** next to **Unpack Utility**.
4. Follow the prompts to install the Unpack Utility.

**Analytical Studio Reviewer**

Analytical Studio Reviewer lets you view ASR reports remotely. Additional license may be required.

- Refer to the Analytical Studio Reviewer *Quick Start Guide* to install Analytical Studio Reviewer.
To upgrade Walkup software only

- Upgrade Walkup to C.02.01. Refer to “Step 5. Install and start the Walkup program” on page 12.

In a networked lab, all Walkup Remote Administration software and Walkup software must be on the same version. To upgrade Walkup on Walkup Remote Administration computers, see “To upgrade Remote Administration software (networked lab)” on page 29.

To upgrade Walkup and OpenLAB CDS only (small lab or no server upgrade)

Do these steps on each Walkup workstation.

All networked OpenLAB workstations must run the same version of Walkup.

1 Remove the current Walkup software. See “To remove the Walkup software” on page 29.

2 Upgrade the OpenLAB CDS ChemStation Edition software to C.01.07. Refer to the Installation Guide for OpenLAB for more information.

   To verify the upgrade, open existing ChemStation methods and make sure they work correctly.

3 Install the Walkup software. See “Step 5. Install and start the Walkup program” on page 12.
To upgrade Walkup and OpenLAB Shared Services server (networked lab only)

This step applies to networked labs only.

All networked systems must run the same version of Walkup.

1 On each OpenLAB workstation:
   a Close the Walkup program, ChemStation console, and OpenLAB Control Panel.
   b Remove the current Walkup software. See “To remove the Walkup software” on page 29.

2 Upgrade the OpenLAB Shared Services server to A.02.02 (ChemStation C.01.07).
   Refer to the Installation Guide for the OpenLAB Shared Services software.

3 On each OpenLAB workstation, upgrade OpenLAB CDS ChemStation Edition to C.01.07. Refer to the Installation Guide for OpenLAB for more information.

4 On the OpenLAB Shared Services server, migrate the Walkup data records:
   a Close all client and server connections.
   b Stop the OpenLAB Shared Services Server.
   c From the Walkup installation disc, copy the file migrateWalkupData.exe to C:\Program Files(x86)\OpenLABServices\Server.
   d Open a command prompt (as administrator).
   e Run MigrateWalkupData.exe.

5 To verify the upgrade, open existing ChemStation methods and make sure they work correctly.

6 On each OpenLAB workstation, install the Walkup software. See “Step 5. Install and start the Walkup program” on page 12.
To upgrade Remote Administration software (networked lab)

In a networked lab, the Remote Administration Software needs to be the same version as the Walkup software that is running on each workstation.

1. Insert the Walkup System installation disc into the disc drive.
2. Click **Install Walkup on Remote Administration Computer (For Large Lab only)**.
3. If the previously installed version of Walkup is C.01.00, then click on **Install** next to **Software Verification Tool**.
4. Upgrade OpenLAB Shared Services in **Client** mode.
   a. Click **Install** next to **OpenLAB Shared Services**.
   b. Follow the prompts to complete the upgrade in **Client** mode.
   
   If you are warned that Agilent OpenLAB cannot be found, click **OK**.
5. Upgrade the Walkup Remote Administration:
   a. Click **Install/Upgrade** next to **Remote Administration**.
   b. Click **Run** in the File Download message box.
   
   Do not save the installation program to your computer before you run it. The installation program will not run properly if you do.
   c. Follow the prompts to install the Remote Administration program.

To remove the Walkup software

1. Close the Walkup program, and then:
   - For OpenLAB CDS, close the ChemStation console and OpenLAB Control Panel.
   - For MassHunter, close all MassHunter programs.
2. Click **Start > Control Panel > Programs and Features**.
3. Right-click **Agilent MassHunter Walkup Software** and click **Uninstall**.
   
   Follow the prompts to remove the Walkup software from the computer.
To start the Walkup program

Do the following procedure from a Windows account with administrator rights.

1 Start the data acquisition program:
   - For OpenLAB CDS, from the desktop, click the ChemStation icon to open the Online ChemStation Console.
     You can also open the OpenLAB Control Lab Start Instrument panel, and then click the Launch button for the instrument that you will use with Walkup.
   - For MassHunter Data Acquisition, from the desktop, click Data Acq for Walkup.
     You can also click Start > Programs > Agilent > MassHunter Workstation > Data Acq for Walkup.

2 Start the Walkup program:
   - In ChemStation console or MassHunter Data Acquisition program, click Walkup > Start Software.

![ChemStation console](image)

Figure 7 ChemStation console
Figure 8  MassHunter Data Acquisition window

3  If the **Login to Walkup System** dialog box appears:
   a  Enter the user name and password that was created in step 2 of “Step 3. Configure OpenLAB system settings” on page 7.
   b  Click **OK**.

The MassHunter Walkup Console appears.
To start the Walkup program

Walkup users click the **Submit Samples** button at the bottom of the MassHunter Walkup Console to begin the sample submission process. The options that are displayed on the sample submission screens can be configured. Refer to *online Help* for more information.
To shut down the Walkup program

1. Open the Walkup Administration window.
2. Click the **Shutdown** icon on the ribbon at the top of the window:

   ![Shutdown Icon]

   If you shut down the Walkup program while samples are running:
   - The current sample run does not complete.
   - The Sample Queue stops.
   - Pending samples resume when Walkup starts again.
   - An email is sent to notify that the sample run failed.
Samples/Events
To open the Samples/Events pane

Samples/Events

The Samples/Events pane lets you see and manage information for the following types of samples or events:

- **Active Samples** (shown in the example screen below)
- **Completed Samples**
- **Incomplete Samples**
- **Run Events**

You can also view a list of **Completed Jobs** and the **Events Log** and manage the Sample Queue.

**To open the Samples/Events pane**

1. In the Agilent MassHunter Walkup console, in the **Tools** ribbon, click **Administration**.
2. After you enter your **User Name** and **Password** in the **Login to Walkup Administration** dialog box, the Walkup Administration window appears.
3. Click **Samples/Events** in the lower left corner of the window.
To learn how to manage samples

- In the Walkup online Help, refer to the tasks under Manage Samples and Events.
System Administration and Configuration

The Configuration pane of the Walkup Administration window lets you set many parameters to customize the appearance and operation of the Walkup System.

To open the Configuration pane

1. In the Agilent MassHunter Walkup console, in the Tools ribbon, click Administration. on the MassHunter Walkup window.
2. Enter your User Name and Password on the Login to Walkup Administration dialog box.
3. When the Walkup Administration window appears, click Configuration in the lower left corner of the window to display the Configuration pane.
4 Use the icons in the Navigation pane on the left side of the window to view different configuration parameters described in online Help.

5 When you have finished setting all the configuration parameters, verify and save the configuration. Refer to online Help if needed.

To learn how to configure the system

- In the online Help, refer to the tasks under Configure Walkup.
The Laboratory pane lets you configure various aspects of the Walkup System in the Instruments view, which displays a list of all instruments that are configured on an Open Lab Shared Services server. This view lets the system administrator put instruments under maintenance, so that samples cannot be submitted on that instrument during that time.

To open the Laboratory pane

1. In the Agilent MassHunter Walkup console, in the Tools ribbon, click Administration.
2. Enter your User Name and Password in the Login to Walkup Administration dialog box.
3. When the Walkup Administration window appears, click Laboratory in the lower left corner of the window to display the Laboratory pane.

For more information, see “To put the instrument in maintenance mode” in the Walkup online Help.
This page intentionally left blank
In this Book

The Setup Guide describes how to install and configure the Walkup System.

Windows® is a registered trademark of Microsoft Corporation in the United States and other countries.