

This is the procedure for setting up ValPro to autorun a test at a specified time. This requires a combination of settings in the ValPro Options screen as well as the Windows Task Scheduler. These instructions are for setting up the autorun option on Windows 7 operating systems.

Below are the instructions from the ValPro help system on setting up the Autorun option.

If you want a qualification to begin automatically at a specified time, select Schedule Qualification Test and select the desired test from the Test Name drop-down list box in the Scheduling box. Only tests that can be run automatically are listed. Typically, scheduled qualifications are used only if the system includes hardware for inserting test samples into the beam path; for example, a validation wheel.

To schedule the qualification, click the Set Schedule button and then follow the instructions that appear on the screen. See the Windows documentation if you need help using the task-scheduling features in Windows.

- When you need to select a program to run, use the Browse button to locate and select the file named VPQual.exe. This file is typically in C:\Program Files\Thermo\ValPro Qualification; the specific location depends on where you installed ValPro Qualification.
- Be sure to specify when to perform the "task" (the qualification).
- When you need to specify a command line argument, type one space followed by the command line argument -A or -a (see the example below). This sets ValPro Qualification to run in automatic mode.

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"C:\Program Files\Thermo\ValPro Qualification\VPQual.exe" -A
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Note: Do not delete the quotation marks.

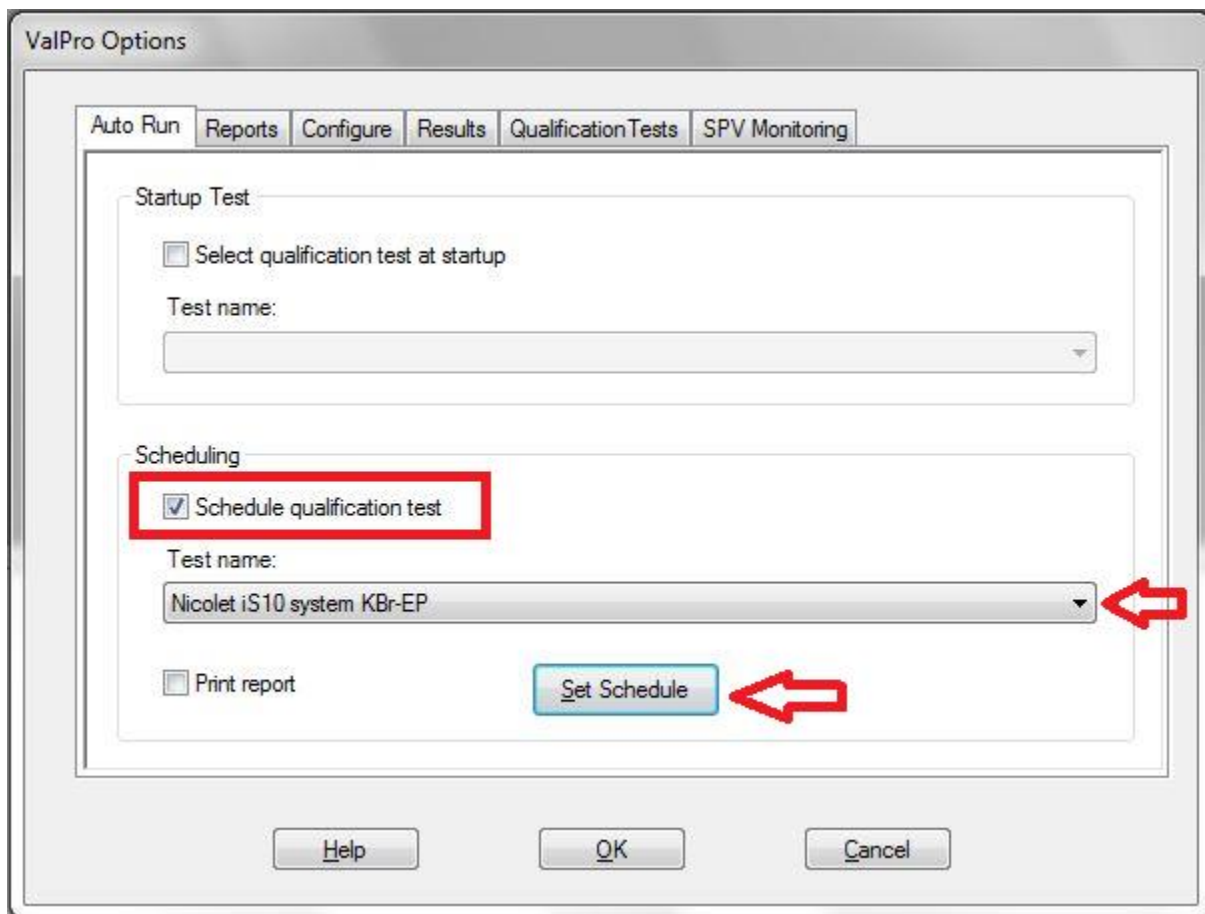
- You must leave OMNIC running so that the qualification can start automatically at the specified time. As an alternative, you can schedule OMNIC to start shortly before the scheduled qualification, but only if logging into OMNIC is not required. In either case, do not leave ValPro Qualification running.
- Since a scheduled qualification will not start if ValPro Qualification is running, make sure the program is not running at the scheduled starting time.
- If your system includes OMNIC DS and Security Administration software, unless the Require Signature When Qualifying policy is not selected and spectra are not saved, the automated qualification test will stop at the end and wait for a signature to be applied.

Select Print Report if you want a detailed report of the results to be printed automatically after a scheduled qualification.

Step 1: Set options in ValPro

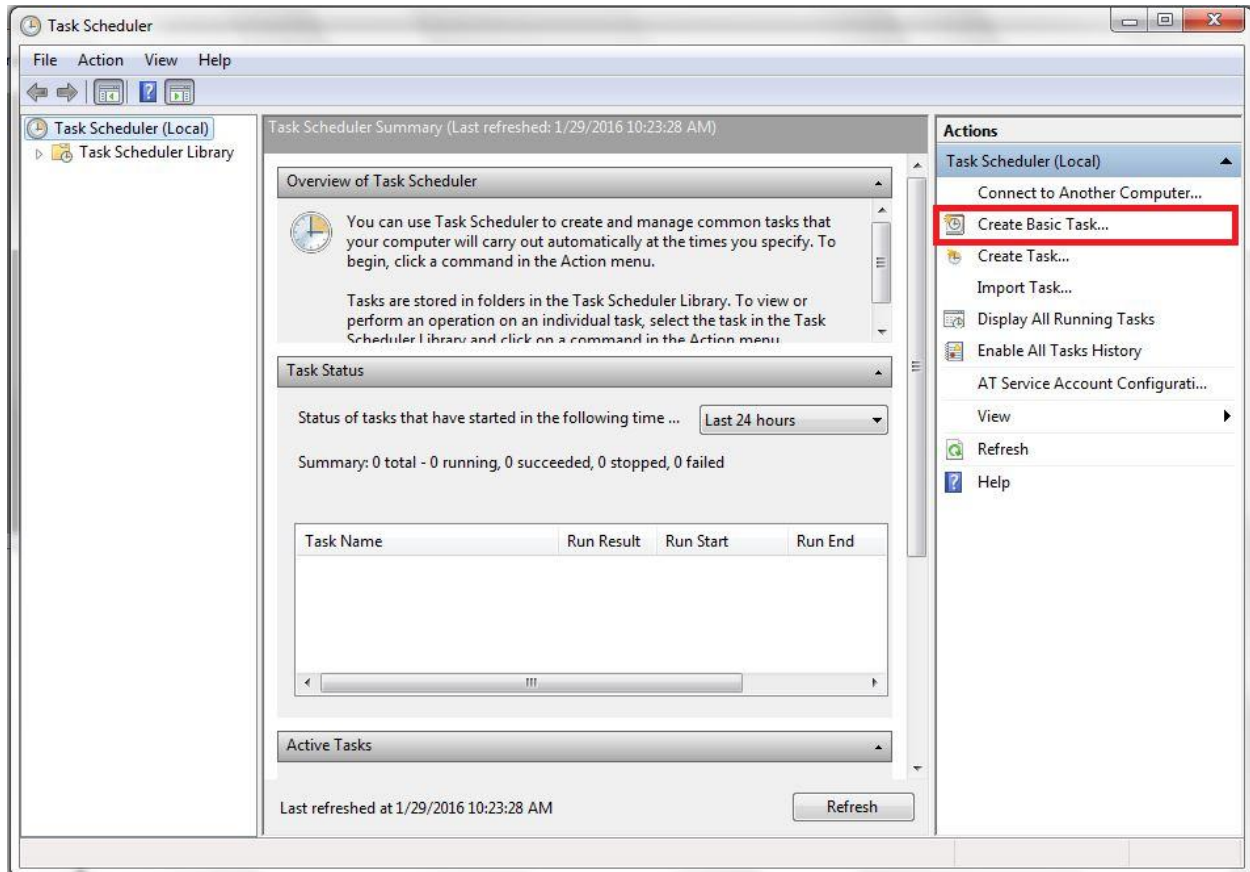
Launch ValPro and click the Options button. On the Autorun tab, select the option under the Scheduling section to “Schedule qualification test”. Using the drop down box, select the test you would like to have automatically run. Then click the “Set Schedule” button to launch the Windows Task Scheduler.

NOTE: Your system must be configured to run autonomously (i.e. using a validation wheel). If you use manual card standards for your instrument test, this will not be possible.



Step 2: Setup Windows Task to automatically run Valpro

When the Task Scheduler opens, you will see the screen below. Click on the “Create Basic Task...” on the right side.



The Create Basic Task Wizard will start. Fill in the name and description for this task (see example below). When finished, click the Next button.

Create Basic Task Wizard

Create a Basic Task

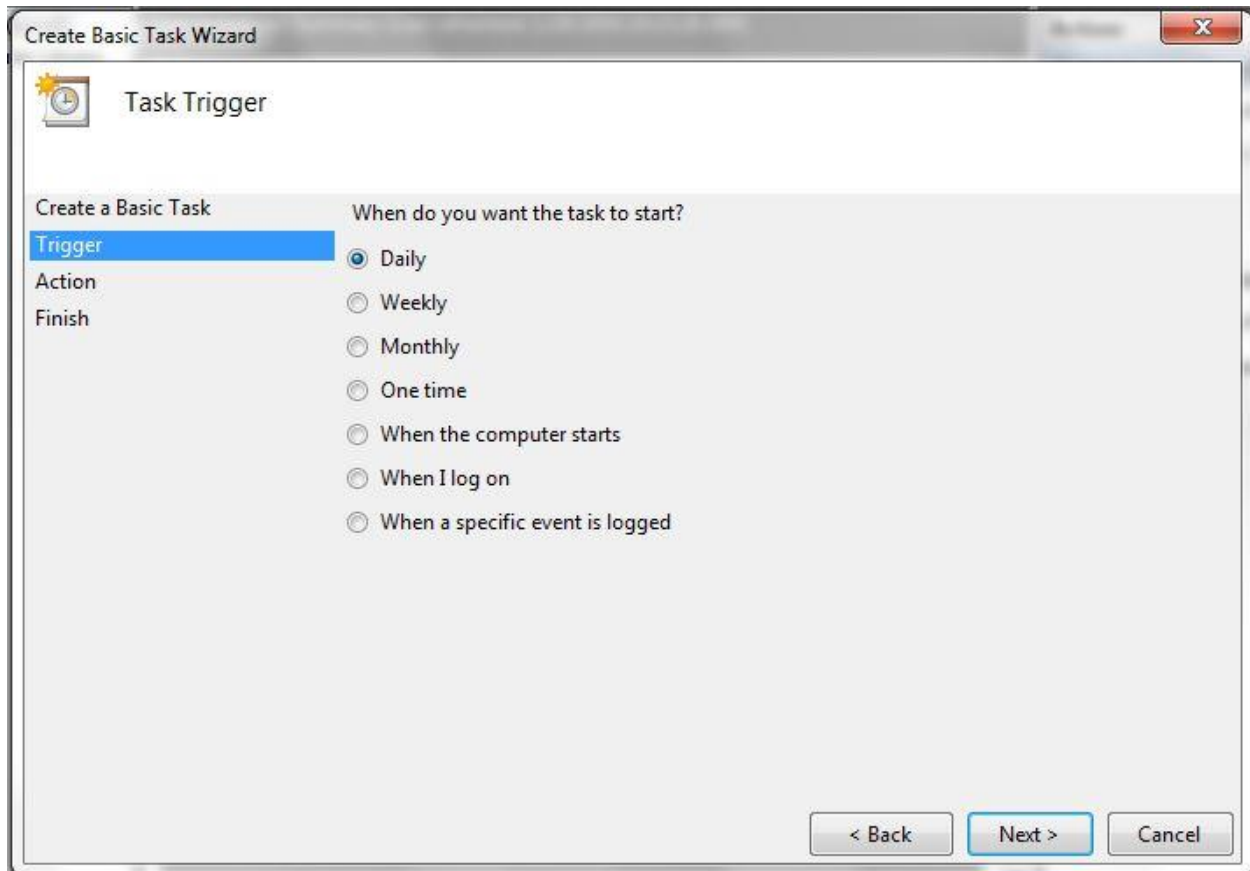
Use this wizard to quickly schedule a common task. For more advanced options or settings such as multiple task actions or triggers, use the Create Task command in the Actions pane.

Name: ValPro Autorun Task

Description: Automatically runs the iS10 Instrument ValPro test at 9:00 am

< Back Next > Cancel

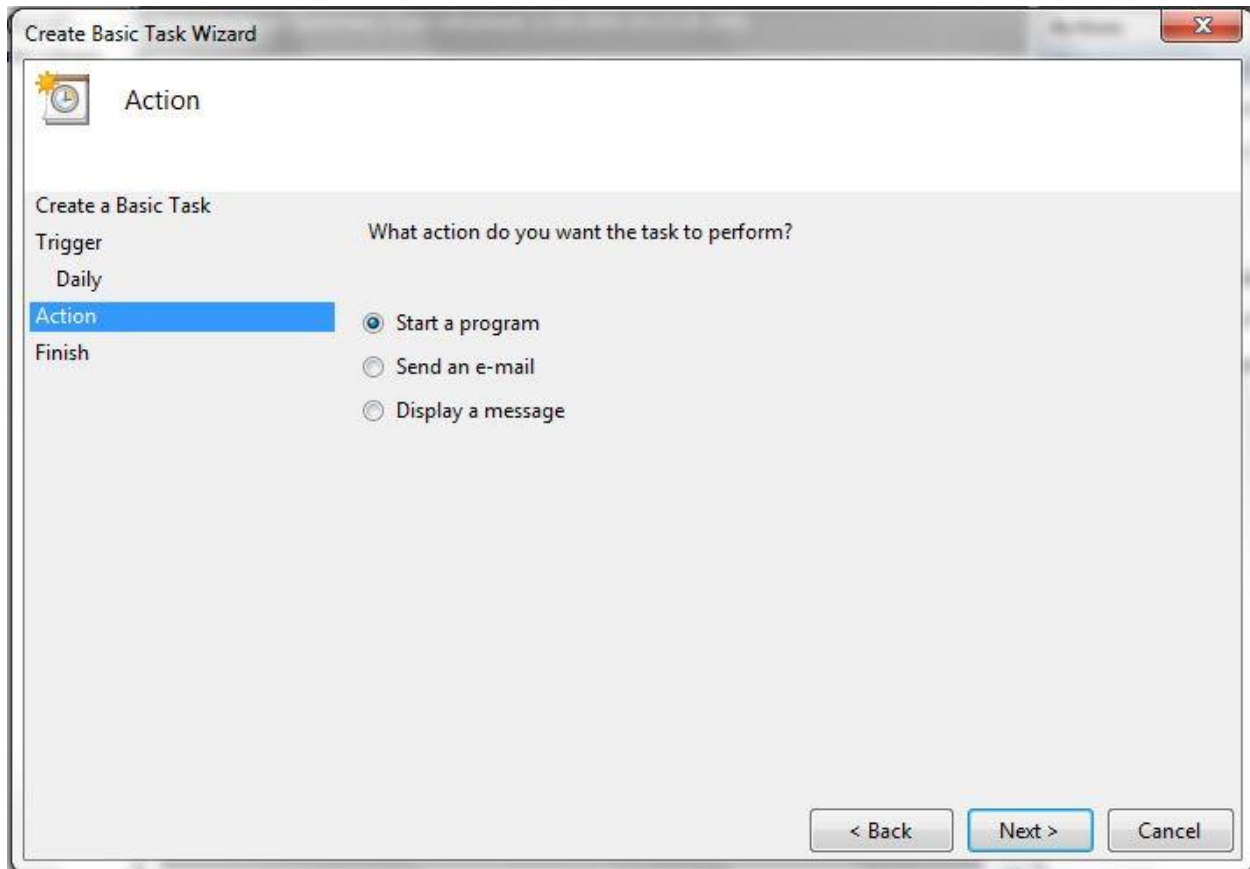
The next screen will allow you to set the frequency that you would like to run this task. Choose the option that you want to use and click the Next button.



The next screen allows you to set the options for when the task will be run. In this example, the test is set to run daily at 9:00 AM starting on 1/30/2016. Click the Next button

The screenshot shows the 'Create Basic Task Wizard' dialog box, specifically the 'Daily' step. The window title is 'Create Basic Task Wizard'. On the left side, there is a vertical list of steps: 'Daily', 'Action', and 'Finish'. The 'Daily' step is currently selected and highlighted in blue. To the right of this list, the configuration for the task is shown. Under the heading 'Create a Basic Task', the 'Trigger' section is active. It includes a 'Start' field with the date '1/30/2016', a time field set to '9:00:00 AM', and a checkbox labeled 'Synchronize across time zones' which is currently unchecked. Below the 'Trigger' section, the 'Recur every' field is set to '1' days. At the bottom right of the dialog, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a blue border, indicating it is the recommended next action.

The next screen allows you to choose what action to take. You should select the “Start a program” option. Click the Next button.



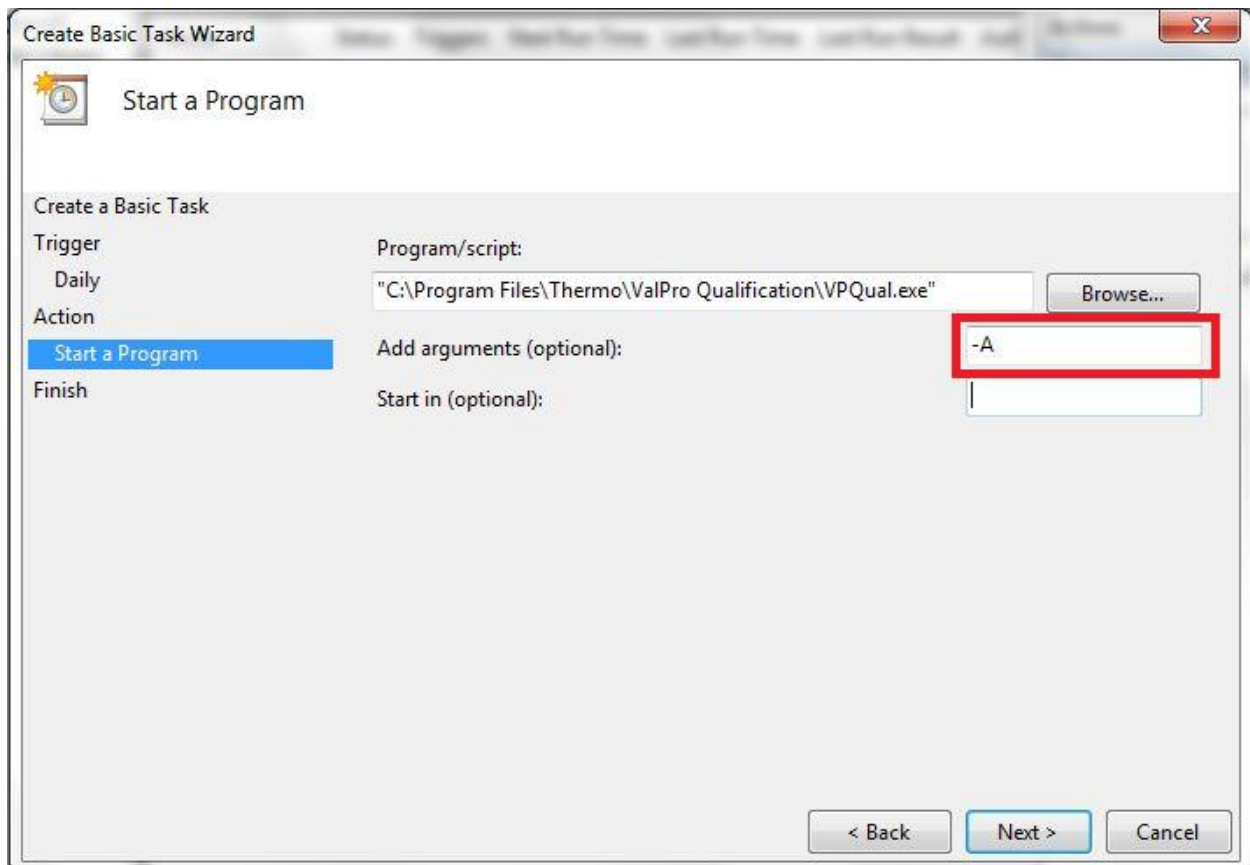
The following screen is where you will tell the task what program to run. You can either type the path and file name into the box, or use the “Browse...” button to locate it through the Windows Explorer.

For Windows 7 32 bit, the path will be “C:\Program Files\Thermo\ValPro Qualification\VPQual.exe”

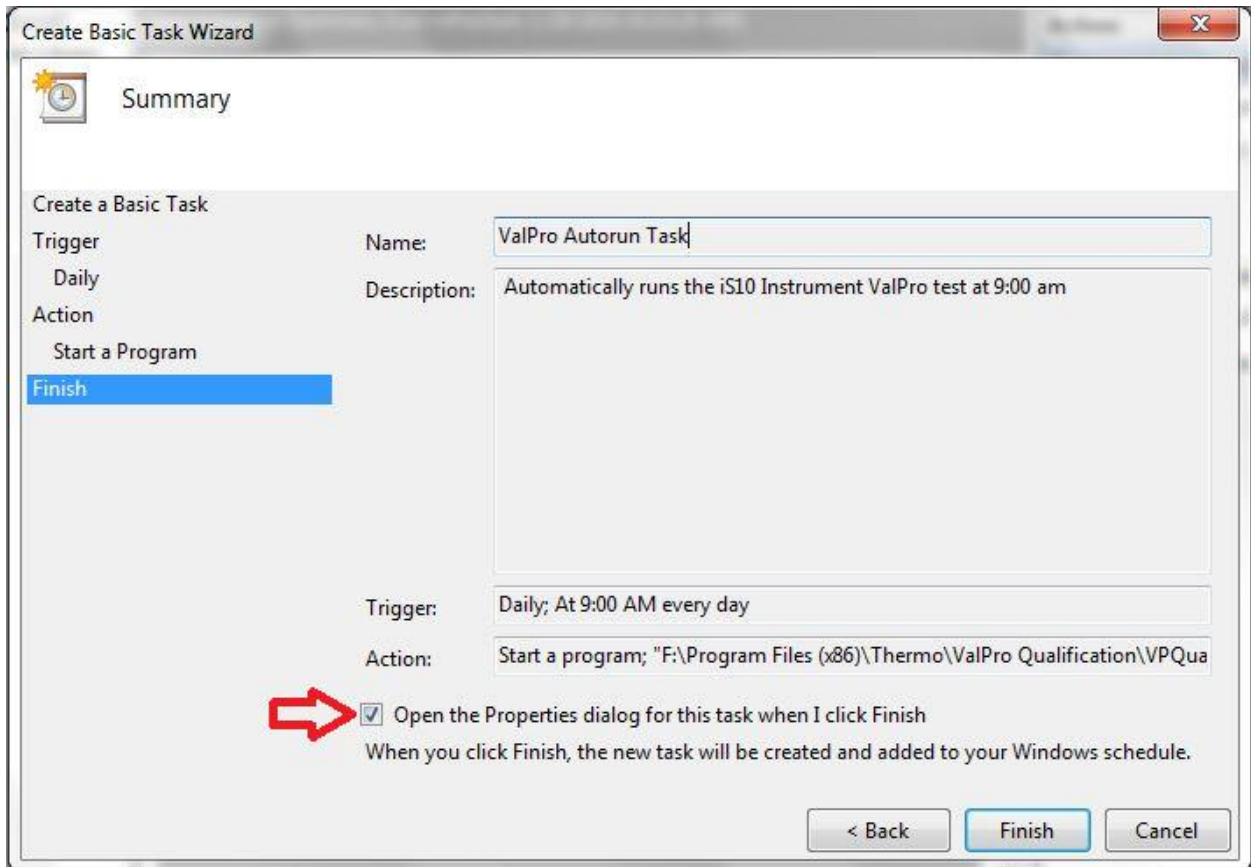
For Windows 7 64 bit, it will be “C:\Program Files (x86)\Thermo\ValPro Qualification\VPQual.exe”

For Windows 10/11 64 bit, it will be “C:\Program Files (x86)\Thermo Scientific\Valpro Qualification\VPQual.exe”

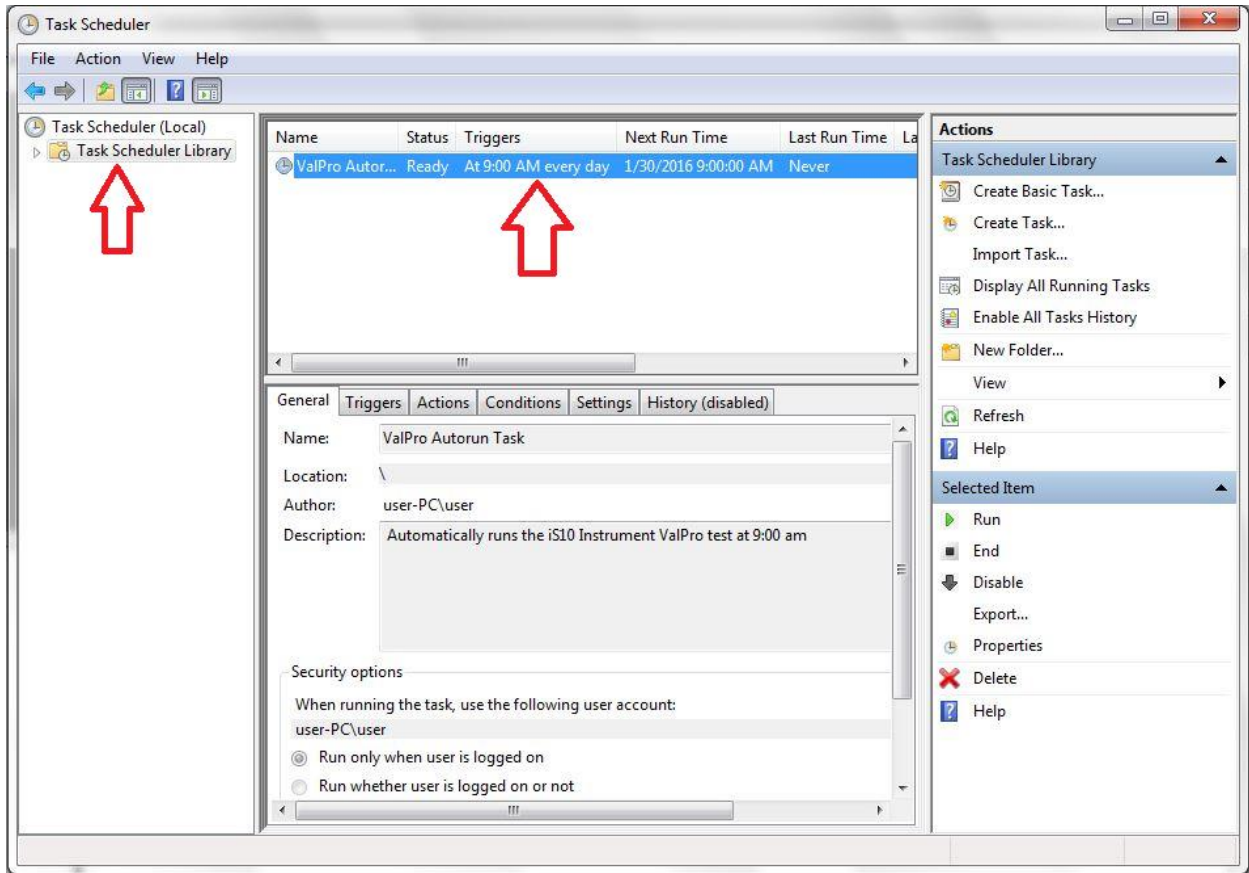
Be sure to add in the “Add arguments (optional):” box the text **-A** (as shown below).



The final screen is a summary of the task that has been setup. Review the information for completeness. If you want to further edit the scheduled task options when you click the finish button, check the box at the bottom of the screen for “Open the Properties dialog for this task when I click Finish”. This would allow you to set advanced options for running the task, but is not needed for most cases. One reason to set the advanced settings is if you only want the task to run for a specific user. Clicking the Finish button will save the task to the Scheduler.



The Task Scheduler windows should now show your scheduled task. Select the “Task Scheduler Library” in the left pane and the task will be displayed in the center pain. You can further edit the task by double clicking on the task.



As stated in the ValPro help file, you must leave OMNIC running and have ValPro closed for the autorun task to complete properly. If you have the OMNIC DS option and have the policy set to Require Signature When Qualifying, the autorun test will stop at the end and wait for the signature.