

Scope Technical Discussion

This Service Note documents an issue with QuanLynx or TargetLynx Datasets that occurs when results are saved across a network onto a share on a remote PC.

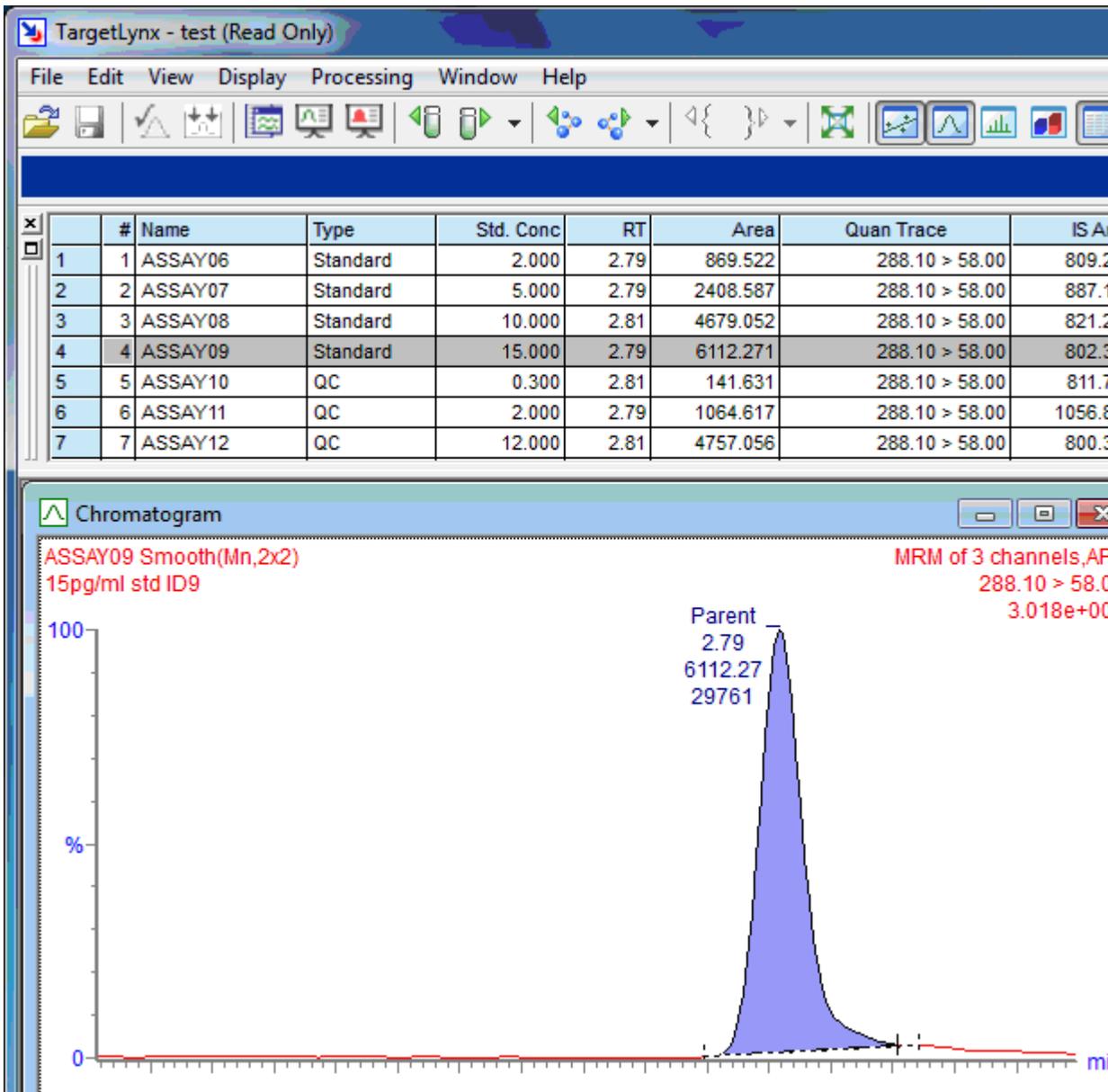
Product Affected

MassLynx 4.1 QuanLynx and TargetLynx; any SCN; Windows 7

For your information

A QuanLynx or TargetLynx dataset may become read-only when a user saves the dataset onto a shared drive on a remote machine. Once the qld file becomes read-only, no further changes can be saved.

For example, it can occur when a user logs on to a processing PC, starts MassLynx, and works on a QLD file that is located on a shared folder on an acquisition PC. The dataset can be created and given a filename without any problems. However, if the dataset is then modified, the file becomes read-only when the user clicks 'Save'. The changes that were made are successfully saved, but no further changes can be made:



Sometimes changes can be saved a few times with any problem, but eventually pressing Save causes the dataset to become read-only.

The issue occurs when either:

1. A qld file is already open. The user changes something and clicks Save. The change is saved, but the file becomes read-only. This may happen after the first save, or it may only happen after several saves have already been successfully made. This is the most common behaviour.

or

2. An existing qld file is opened. It opens read-only. This is seen less frequently.

The issue can be reproduced as follows:

Setup a Windows 7 Acquisition PC that is on the network.

Log in to the PC as local admin.

Create a Shared folder on the PC and allow Everyone Read/Write access.

Place a MassLynx project such as Quantify.pro in the share.

Setup a Windows 7 Processing PC that is on the network.

Start Windows Explorer and browse across the network to the share on the Acquisition PC.

Map the network drive

Start MassLynx and open the project in the mapped share drive.

Start TargetLynx and process the raw data to create a new dataset

Save the dataset onto the share.

Modify the dataset and then click Save.

Note that the dataset is now Read-only.

NOTE:

The problem only occurs when both PCs are using Windows 7.

The PCs may or may not be on the same Domain.

Avoiding the Issue

1. Make all the required changes to the dataset before saving the file.

or

2. After making all the required changes to the file, click File > Save As and choose a different file name. You can alternate a pair of filenames for the same dataset, to avoid creating too many files. You have to click OK on the warning dialog the appears each time (qld file already exists. Do you want to replace it ?).

or

3. Open the qld files locally and save them locally, rather then across the network.

Removing the Lock

Once the dataset is Read-only, the lock can be removed in two ways:

1. Close and re-open the qld file (click File > Close and then click File and select the most recently-opened file again). If the read-only warning appears again, re-open the File again.

or

2. Click File > Refresh. If the read-only warning appears again, repeat the File > Refresh step (you may need to do this 2-3 times).

