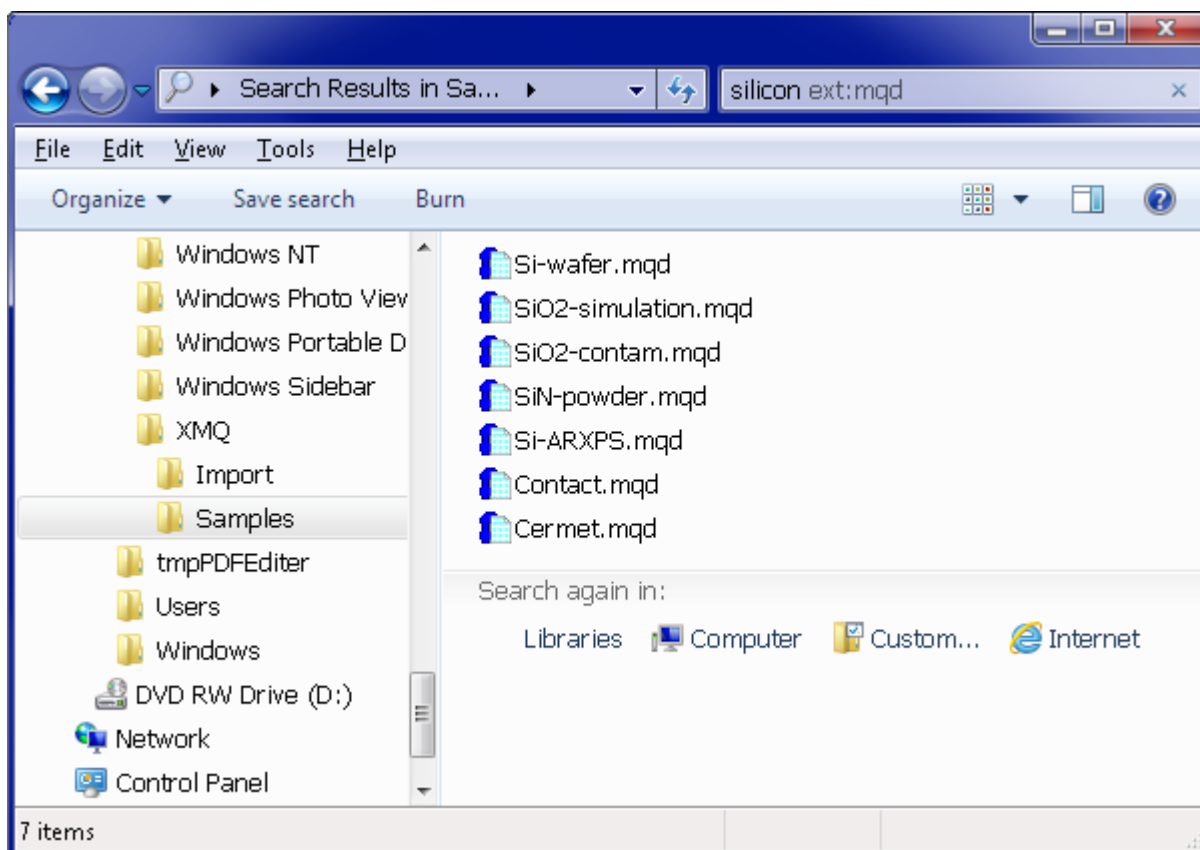


Searching for XPS MultiQuant data files

XPS MultiQuant data are stored in binary files. However, text items in the file (e.g., title, experiment labels, element symbols, notes; but not the numbers) are stored in original form (ASCII) thus the content of the file can be searched by the operating system or other external programs.

Search can be initiated from the graphical user interface, using the searching facility of the operating system, as illustrated below.



Search can also be done from the command window by the *findstr* command.

```
C> findstr /S /M silicon *.mqd
Cermet.mqd
Contact.mqd
Si-ARXPS.mqd
Si-wafer.mqd
SiN-powder.mqd
SiO2-contam.mqd
SiO2-simulation.mqd
C>
```

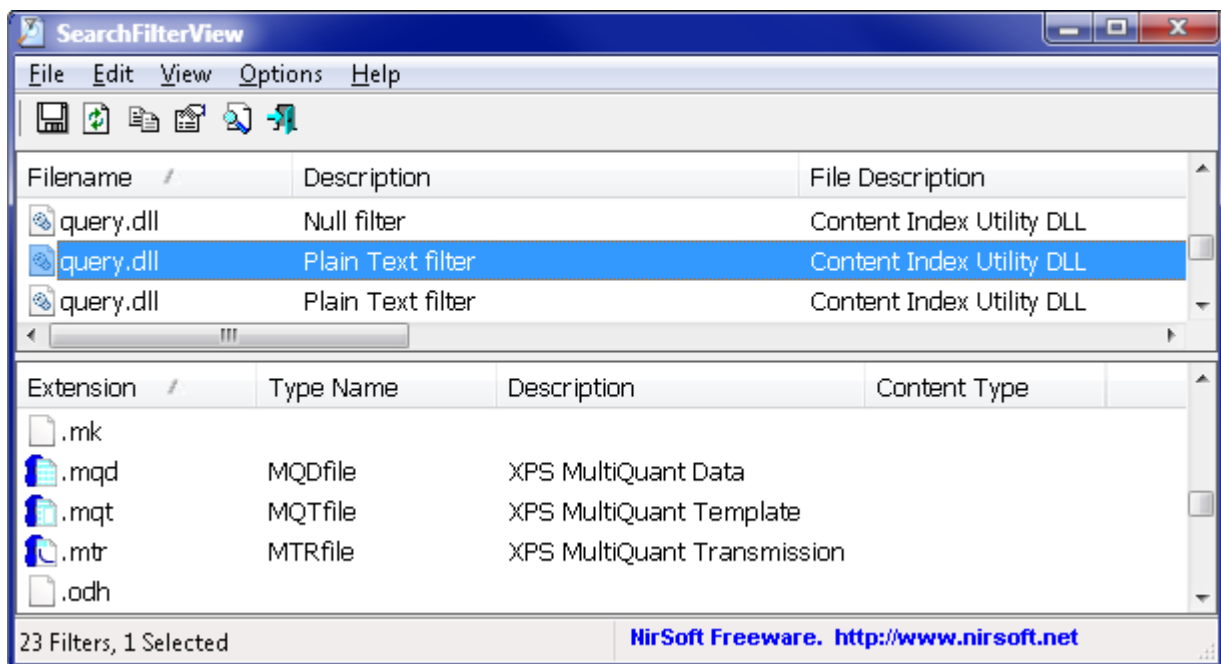
Apply the */M* switch to list only the filenames and not the found text; and the */S* switch searching all subdirectories in the current folder.

In Windows Vista and above, searching and indexing of files are controlled by IFilters.

“An IFilter is a plug-in that allows Microsoft’s search engines to index various file formats so that they become searchable. Without an appropriate IFilter, contents of a file cannot be parsed and indexed by the search engine.” (From Wikipedia)

XPS MultiQuant files do not require special IFilter, however, to make them searchable; their extensions must be added to the *Plain text filter* (query.dll).

These settings can be done by the **SearchFilterView** freeware program written by Nir Sofer (http://www.nirsoft.net/utis/search_filter_view.html). It does not require installation or additional DLL files.



Select the **query.dll / Plain Text filter** in the upper pane (usually the first one, with several entries in the lower pane), and then invoke the **File / Add Extension To Filter** command. Type the required extensions (.mqd .mqt .mtr) separated by spaces into the popup window, as illustrated below, and press the **OK** button.

