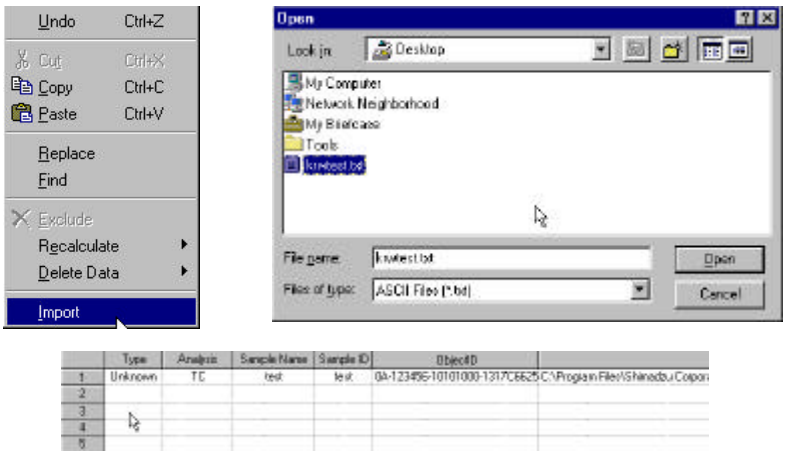
Sample Table Importing Using the TOC Control V Software

The TOC Control V Software is designed to adapt to the needs of our most versatile users. To increase the user-friendliness, the TOC Control V software incorporates an import function that allows the user to import a sample table directly from an ASCII *.txt file. Customers who interface with a LIMS, Excel spreadsheet or database can now routinely import a template sample run into the TOC Control V sample table without the normal steps of creating a calibration curve or sample analysis using the TOC Control V wizard guides.

Procedure

Data to be imported must have an ASCII *.txt format. The columns must be separated with a tabulator. From the menu bar, select "Edit- Import". An [Open] dialog box appears. Open the ASCII text file to be imported. The data is inserted at the current position of the sample table.



Structure of the ASCII files to be imported:

Columns:
Type Analysis Sample Name Sample ID Origin Dilution

1. Type: must be one of the following items: "Unknown", "Standard", ",Control"
2. Analysis All available analysis types "TC", "IC",..."TOC", "TC/TN"... "SSM-TC", "SSM-IC", "SSM-TOC"
3. Sample name: Any string of 64 chars max.
4. Sample ID: Any string of 64 chars max.
5. Origin: The source that the analysis is created from can be a method (for Unknown), a calibration curve (for Unknown and Standards), or a control sample template (for controls)
6. Dilution : The user-defined dilution factor.

Restrictions:
Only items can be imported, where a method, calibration curve or control sample template is already defined. (see column Origin).
No additional analysis information can be added, e.g. detailed analysis information like injection volume and the No. of injections.
Please see the notes listed below for more information on the restrictions of ASCII importing.

Error messages:

1. Origin not found
2. Origin doesn't match with the analysis type
3. Origin doesn't match with the sample type
4. Analysis is not suitable for the defined system configuration
5. Sample Name too long, discharged after 64 chars.
6. Sample ID too long, discharged after 64 chars
7. Dilution factor is not valid.

Notes:

If "Type" is "Standard"…

"Analysis" can be one of the following

"TC", "IC", "POC", "NPOC", "TN", "SSM-TC", "SSM-IC" (all types for Standard sample)

"Origin" must be as following

"C:\Program Files\Shimadzu Corporation\TOC3201\CalCuves*****.cal"

*Changes in file path depend on install folder

If "Type" is "Unknown"…

"Analysis" can be one of the following

"TC", "IC", "POC", "NPOC", "TN" "TOC", "TC/TN", "NPOC/TN", "SSM-TC", "SSM-IC","SSM-TOC" (all types of measurement)

"Origin" must be…..

In the case that the "Analysis" is a single parameter (ex. TC, IC, POC, NPOC,TN SSM-TC, SSM-IC)

"C:\Program Files\Shimadzu Corporation\TOC3201\CalCuves*****.cal"
or "C:\Program Files\Shimadzu Corporation\TOC3201\Methods*****.met"

In the case that the "Analysis" is a combined parameter (ex. TOC, TC/TN,…. SSM-TOC)

"C:\Program Files\Shimadzu Corporation\TOC3201\Methods*****.met"

* Changes in file path depend on install folder

If "Type" is "Control…

"Analysis" can be one of the following

"TC", "IC", "NPOC", "TN", "SSM-TC", "SSM-IC" (all types Control sample)

"Origin" must be as following

"C:\Program Files\Shimadzu Corporation\TOC3201\Templates*****.tpl"

* Changes in file path depend on install folder

"Origin" : Shouldn't be empty. The file pointed by "Origin" should exist.
"Dilution" : Shouldn't be empty. Dilution factor manually performed by the user before measurement. This is not the dilution performed automatically by the TOC instrument.
"Sample Name", "Sample ID" Any string of words that identify each sample. (64chars. Max.)