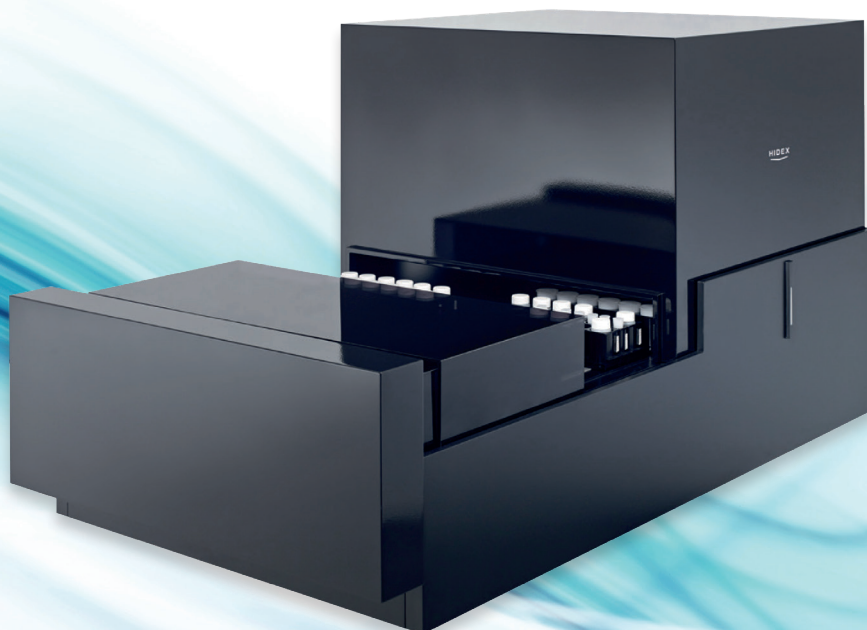




Laura™

Radiochromatography Data
Collection and Analysis Software

* Sample No	Sample Type	Sample Name	Retention Time	Rack ID	Vial No	Vial Repeat	CPM	DPM	TDCR	Date	Time	Efficiency	Count Time	Dead Time	QPE	QPI
1	Sample	Example 1	0.00	002	001	1	54069	56915	0.95	15/10/2020	14:22:45	95.00	30.00	1.00	319.00	484.45
2	Sample	Example 2	0.02	002	002	1	52526	55291	0.95	15/10/2020	14:23:18	95.00	30.00	1.00	313.00	484.45
3	Sample	Example 3	0.03	002	003	1	54238	57093	0.95	15/10/2020	14:23:50	95.00	30.00	1.00	285.00	484.45
4	Sample	Example 4	0.05	002	004	1	50235	52879	0.95	15/10/2020	14:24:22	95.00	30.00	1.00	307.00	484.45
5	Sample	Example 5	0.07	002	005	1	54400	57263	0.95	15/10/2020	14:24:55	95.00	30.00	1.00	317.00	484.45
Group Total							265468	279440								
							53094	55888	0.95			95.00	30.00	1.00	285.00	484.45
									0.00			0.00				



v6.1.2.36



EXPERIENCE & EXPERTISE

Laura version 6.1.2.36 is now released.

The latest version of the industry standard radiochromatography software Laura has now been released. As always the full set of release notes for this new version are available on the LabLogic web site so you are encouraged to look through these in their entirety, however, here are some of the most significant enhancements in this new version.

Support added for the Hidex 600SL Liquid Scintillation Counter.

The industry has long been calling for a regulatory compliant solution for Liquid Scintillation Counting and now Laura v6.1.2 offers that solution with support of the Hidex 600SL.



For users of Tri-Carb's or older systems such as Beckman counters this new functionality should be of great interest.

It means that users of Laura already will have a familiar software with all the tried and tested compliance features of Laura they already rely on.

For those who don't yet use Laura they have a solution for compliance with LSC!

New Method Wizard

Hidex Counter
Configure the Hidex 600SL.

Measurement Settings

Select the configuration options for the Hidex 600SL.

Count Time: 30

Ionization Time: 2s

Max Counts: 3999999

Coincidence Time: 35 ns

Activity Type: Low

Extraction Time: 3s

Isotopes

Isotope	Isotope
1	<input checked="" type="checkbox"/> C-14
2	<input type="checkbox"/>
3	<input type="checkbox"/>
4	<input type="checkbox"/>

Evaluation Settings

Automatic Peak Finder:

Show Chromatogram:

Show Spectrum:

Show Histogram:

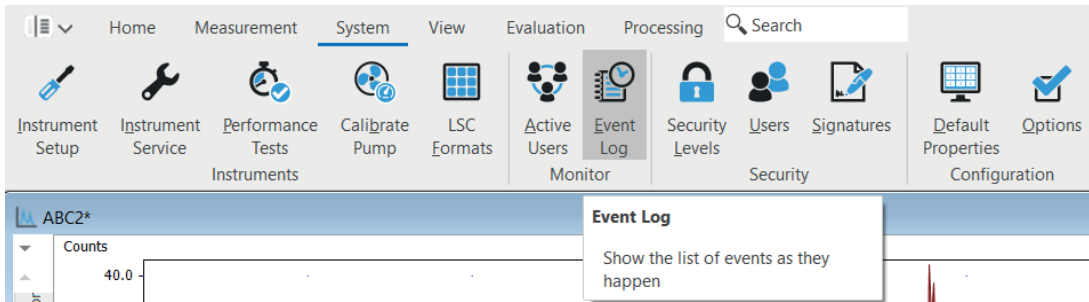
Click Here to continue.

Save

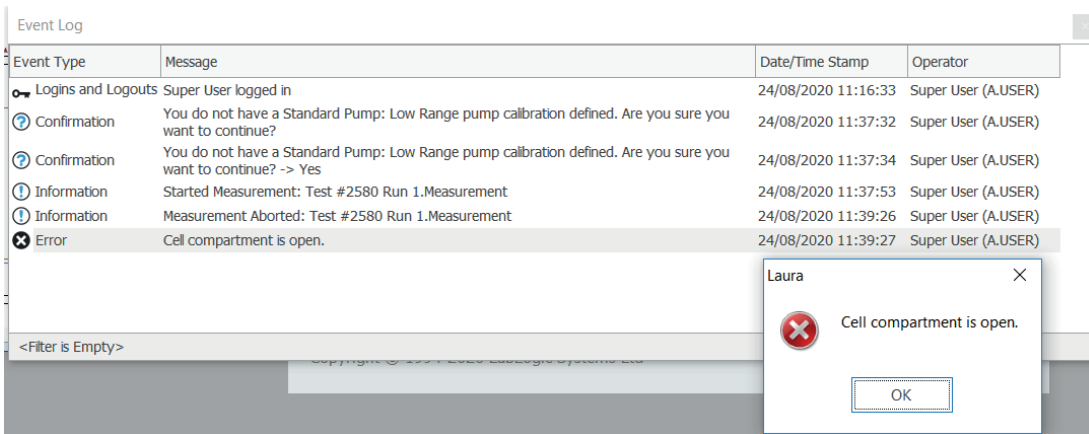
Sample No	Sample Type	Sample Name	Retention Time	Rack ID	Vial No	Vial Repeat	CPM	DPM	TDCR	Date	Time	Efficiency	Count Time	Dead Time	QPE	QPI	
1	Sample	Example 1	0.00	002	001	1	54069	56915	0.95	15/10/2020	14:22:45	95.00	30.00	1.00	319.00	484.45	
2	Sample	Example 2	0.02	002	002	1	52526	55291	0.95	15/10/2020	14:23:18	95.00	30.00	1.00	313.00	484.45	
3	Sample	Example 3	0.03	002	003	1	54238	57093	0.95	15/10/2020	14:23:50	95.00	30.00	1.00	285.00	484.45	
4	Sample	Example 4	0.05	002	004	1	50235	52879	0.95	15/10/2020	14:24:22	95.00	30.00	1.00	307.00	484.45	
5	Sample	Example 5	0.07	002	005	1	54400	57263	0.95	15/10/2020	14:24:55	95.00	30.00	1.00	317.00	484.45	
Group Total							265468	279440									
Group Mean							53094	55888	0.95			95.00	30.00	1.00	308.20	484.45	
Group S.D.							1765	1858	0.00			0.00	0.00	0.00	0.00	13.75	0.00
Group %CV							3	3	0.00			0.00	0.00	0.00	0.00	4.46	0.00

Event log utility added.

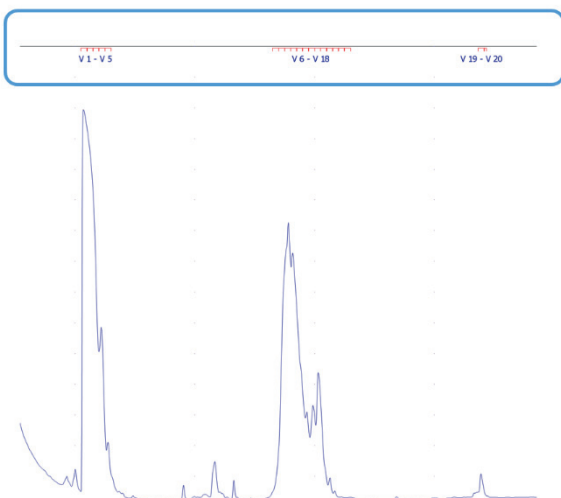
A new utility has been added to Laura to log events.



This new function allows the user to quickly see a history of events or errors as they happen. This will be useful for users in the event of cell open as in the example below because it will be readily shown in the event log.

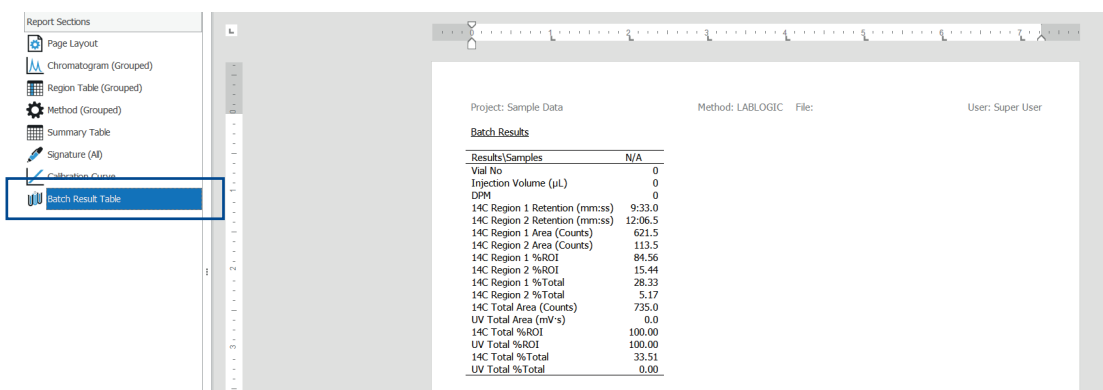


The ability to show Fraction collector vial number labels has been added to chromatograms for relevant data.



Batch results table added to the new report designer options.

A new section is now available when creating a report template called Batch Results.

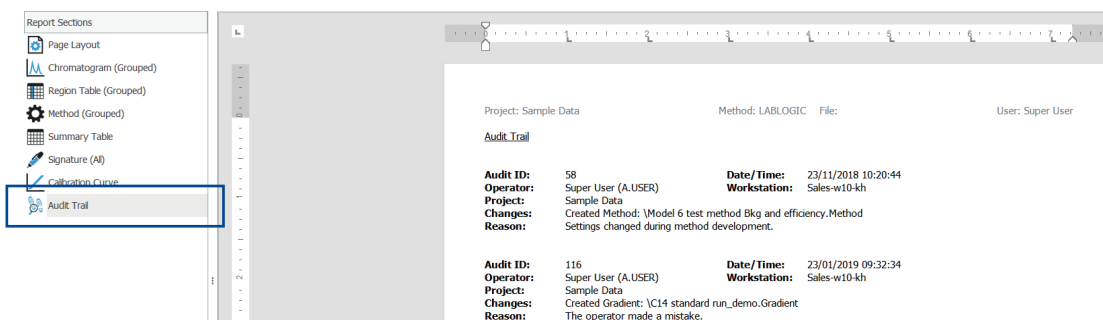


Project: Sample Data Method: LABLOGIC File: User: Super User

Results/Samples	N/A
Val No	0
Injection Volume (µL)	0
DPM	0
14C Region 1 Retention (mm:ss)	9:33.0
14C Region 2 Retention (mm:ss)	12:06.5
14C Region 1 Area (Counts)	621.5
14C Region 2 Area (Counts)	113.5
14C Region 1 %ROI	84.56
14C Region 2 %ROI	15.44
14C Region 1 %Total	28.33
14C Region 2 %Total	5.17
14C Total Area (Counts)	735.0
UV Total Area (mV*s)	0.0
14C Total %ROI	100.00
UV Total %ROI	100.00
14C Total %Total	33.51
UV Total %Total	0.00

This new report section gives an easy to interpret overview of the data for each sample.

A new Audit trail section is available in the report designer.



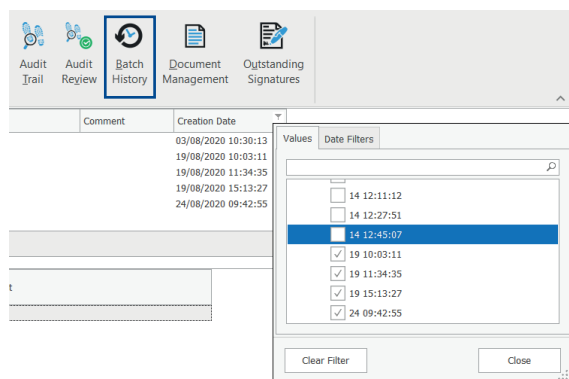
Project: Sample Data Method: LABLOGIC File: User: Super User

Audit Trail

Audit ID:	58	Date/Time:	23/11/2018 10:20:44
Operator:	Super User (A.USER)	Workstation:	Sales-w10-kh
Project:	Sample Data		
Changes:	Created Method: \\Model 6 test method Bkg and efficiency.Method		
Reason:	Settings changed during method development.		
Audit ID:	116	Date/Time:	23/01/2019 09:32:34
Operator:	Super User (A.USER)	Workstation:	Sales-w10-kh
Projects:	Sample Data		
Changes:	Created Gradient: \\C14 standard run_demo.Gradient		
Reason:	The operator made a mistake.		

New filter tool added to the batch history function.

In order to help users identify the correct batch easily when using the batch history function a filter has been added.



Comment	Creation Date
	03/08/2020 10:30:13
	19/08/2020 10:03:11
	19/08/2020 11:34:35
	19/08/2020 15:13:27
	24/08/2020 09:42:55

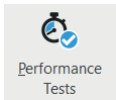
Values Date Filters

- 14 12:11:12
- 14 12:27:51
- 14 12:45:07
- 19 10:03:11
- 19 11:34:35
- 19 15:13:27
- 24 09:42:55

Clear Filter Close

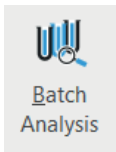
This will allow users to filter batches by a particular data range for example. This should make it easier to use for users where there are multiple systems and large volumes of batches to search through.

The Instrument Performance Assessment function has been renamed Instrument Performance Tests.



This is to avoid confusion with new users who use Laura for LSC and had the old PE systems.

New 'Save to PDF' option has been added to the Batch Analysis dialogue.



Batch Analysis

To Other Measurements To Other Channels

Select the measurements that you want to apply the evaluation to and select which attributes of the evaluation to apply.

ABC2

Evaluation Options

- Apply regions using the...
 - Peak finder with the same settings
 - Automatic peak finder
 - Copy regions (including background etc)
- Use the same colours
- Use the same component naming
- Name Regions by Retention
 - Retention Tolerance
- Apply the same SDA Level
- Apply the same X-axis
- Apply the same Y-axis
- Apply the same View Properties
- Apply the same Peak Limits

Print Report

Save As

Confirm overwrite Create a multi-evaluation

A data size column has been added to the Project Manager window.

Open Project [Manager]

Reference	Code	Created	Name	Lock	Title	Test Substance	Created By	Archived	Data Size
Sample Data	0001	12/07/2018	Sample Data		Project contains demo data	N/A	Super User		3.32 MB

This allows system managers and IT support to review the amount of data held in any project to inform about the possible storage requirements for each project.

The logged on users current security level for the open project has been added to the status bar.



Support has been added for the Scan-RAM with the New LabLogic Apollo MCA and 3 point calibrations are also supported on this instrument combination.

Support has also been added for the Agilent G7110B Isocratic Pump with Solvent Selection Valve.

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Certificate No: 1535
ISO 9001

October 2020



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