

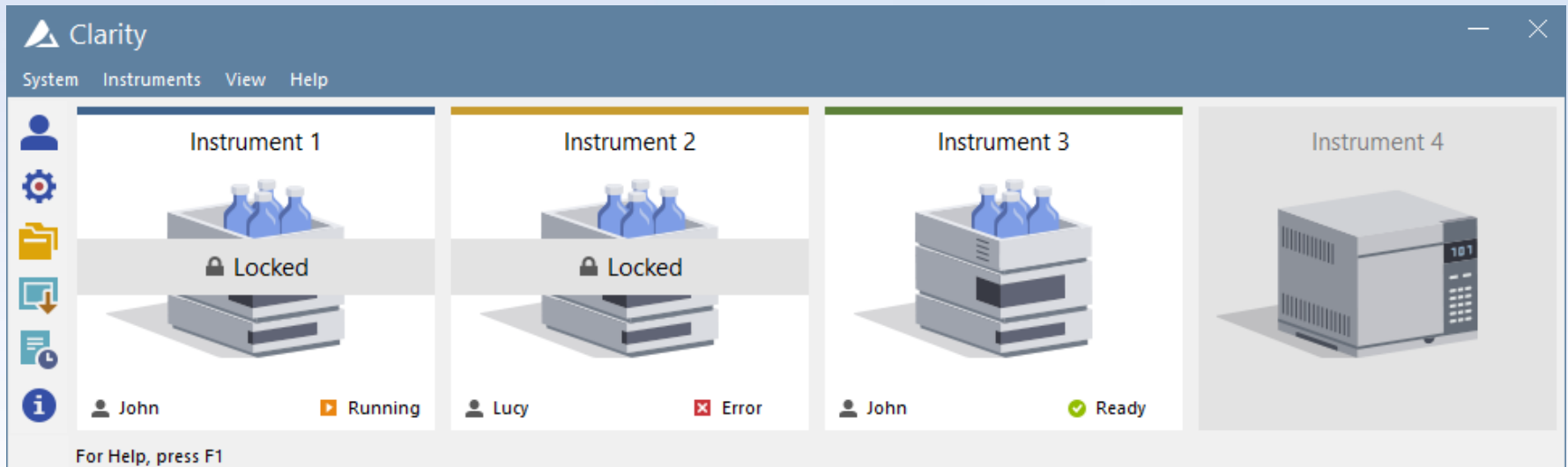
# CLARITY 8.2

WHAT'S NEW

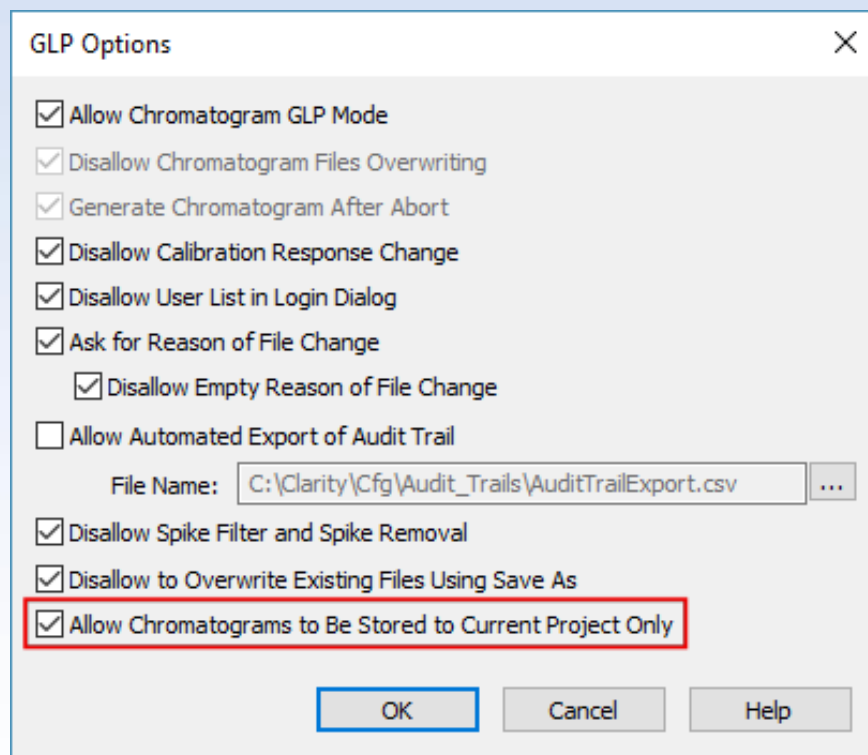
# What is new in Clarity 8.2

- ✓ **Instrument status** in Main Clarity window
- ✓ **New GLP** option
- ✓ Improvements in **MS** extension
- ✓ **Prohibition of unauthorized** control modules
- ✓ **New** and **updated** control modules

Each logged in Instrument displays the corresponding status in the Main window – eg. *Running*, *Error*, *Ready*, etc.



## New GLP option allowing to store measured data into current project directory



# New *Select From Graph* button allows for a more convenient input of *Retention Time*

MS Search

Single Compound Search Automatic Compound Search Target Compound Search

Search In Ret. Time [min]: from 4,685  to 5,007 **Select From Graph**

Search Options

Min Match Factor:  (0 .. 1000) Max Hits:

Restrict m/z Range From:  To:

Use Selected m/z m/z 1..4:

Search Only Selected  
 Search All But Selected

Background Subtraction

Background 1 [min]: from  to  **Select From Graph**

Background 2 [min]: from  to  **Select From Graph**

**Search** Preview Spectrum in Library

MS Library Search

	Match	R. Match	Prob. [%]	Compound Name	Library	ID	Formula	MW	CAS No.
1	<input checked="" type="checkbox"/>	861	891	88,65	Methylene Chloride	Demo_ms	22 CH2Cl2	84	75-09-2
2	<input type="checkbox"/>	766	766	7,18	Hexanal	Demo_ms	10 C6H12O	100	66-25-1
3	<input type="checkbox"/>	738	738	2,07	3-Pentanone	Demo_ms	14 C5H10O	86	96-22-0

Add Selected to Method

Rel. Intensity [%]

— 4,685 - 5,007 min (Spectral Data)  
— Methylene Chloride

m/z

**Close** **Help**

- 1 Specify number of max hits which can be returned
- 2 Expand the row to view more results
- 3 Choose the desired compound

MS Search

Single Compound Search Automatic Compound Search Target Compound Search

Use Signal:  m/z:

Search In Ret. Time [min]:  Whole Chromatogram from  to

Search Options

Min Match Factor:  (0 .. 1000) **Max Hits:**

Restrict m/z Range From:  To:

Use Selected m/z m/z 1..4:

Search Only Selected  
 Search All But Selected

Search in Libraries:

- Demo\_ms
- MAINLIB

MS Library Search

	Expand	Chrom. RT	Selected	Match	R. Match	Prob. [%]	Compound Name	Library	ID	Formula	MW	CAS No.
1	<input checked="" type="checkbox"/>	1,060	<input type="checkbox"/>	861	861	79,04	Hexanal	Demo_ms	10	C6H12O	100	66-25-1
2	<input checked="" type="checkbox"/>	8,415	<input type="checkbox"/>	931	934	98,34	Trichloroethylene	Demo_ms	16	C2HCl3	130	79-01-6
			<input type="checkbox"/>	712	770	98,34	Trichloroethylene	MAINLIB	1568	C2HCl3	130	79-01-6
			<input checked="" type="checkbox"/>	561	616	0,98	Benzene, 1-chloro-2-fluoro-	MAINLIB	938	C6H4ClF	130	348-51-6
3	<input checked="" type="checkbox"/>	9,600	<input type="checkbox"/>	964	964	89,11	Toluene	Demo_ms	12	C7H8	92	108-88-3
4	<input checked="" type="checkbox"/>	10,995	<input type="checkbox"/>	959	959	91,02	Benzene, 1,3-dimethyl-	Demo_ms	9	C8H10	106	108-38-3
5	<input checked="" type="checkbox"/>	11,318	<input type="checkbox"/>	969	969	92,08	p-Xylene	Demo_ms	8	C8H10	106	106-42-3

Expand/Collapse All Results  
 Select/Deselect All Best Matches

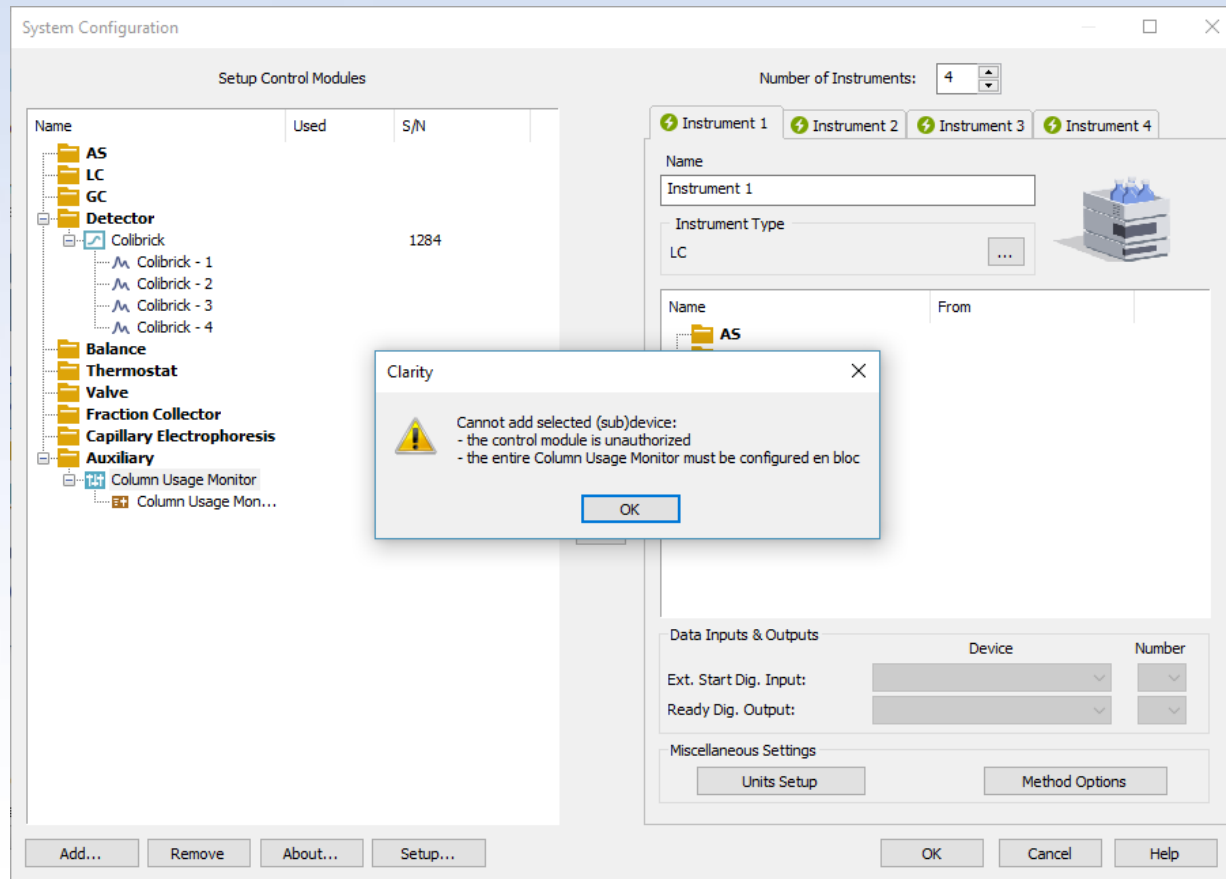
Rel. Intensity [%]

— 8,415 min (Spectral Data)  
— Benzene, 1-chloro-2-fluoro-

m/z

Unauthorized control modules will:

- ✓ Be removed from configured Instrument
- ✓ Not be possible to configure to any Instrument



- ✓ **Flom** – UI-22 pump
- ✓ **Microsaic** – 4500 MiD
- ✓ **VICI Valco** – Fast Temperature Programmer

... and many other control modules have been updated





