



Clarity 8.3

WHAT'S NEW

P054/80A 04/2020



What is new in Clarity 8.3?

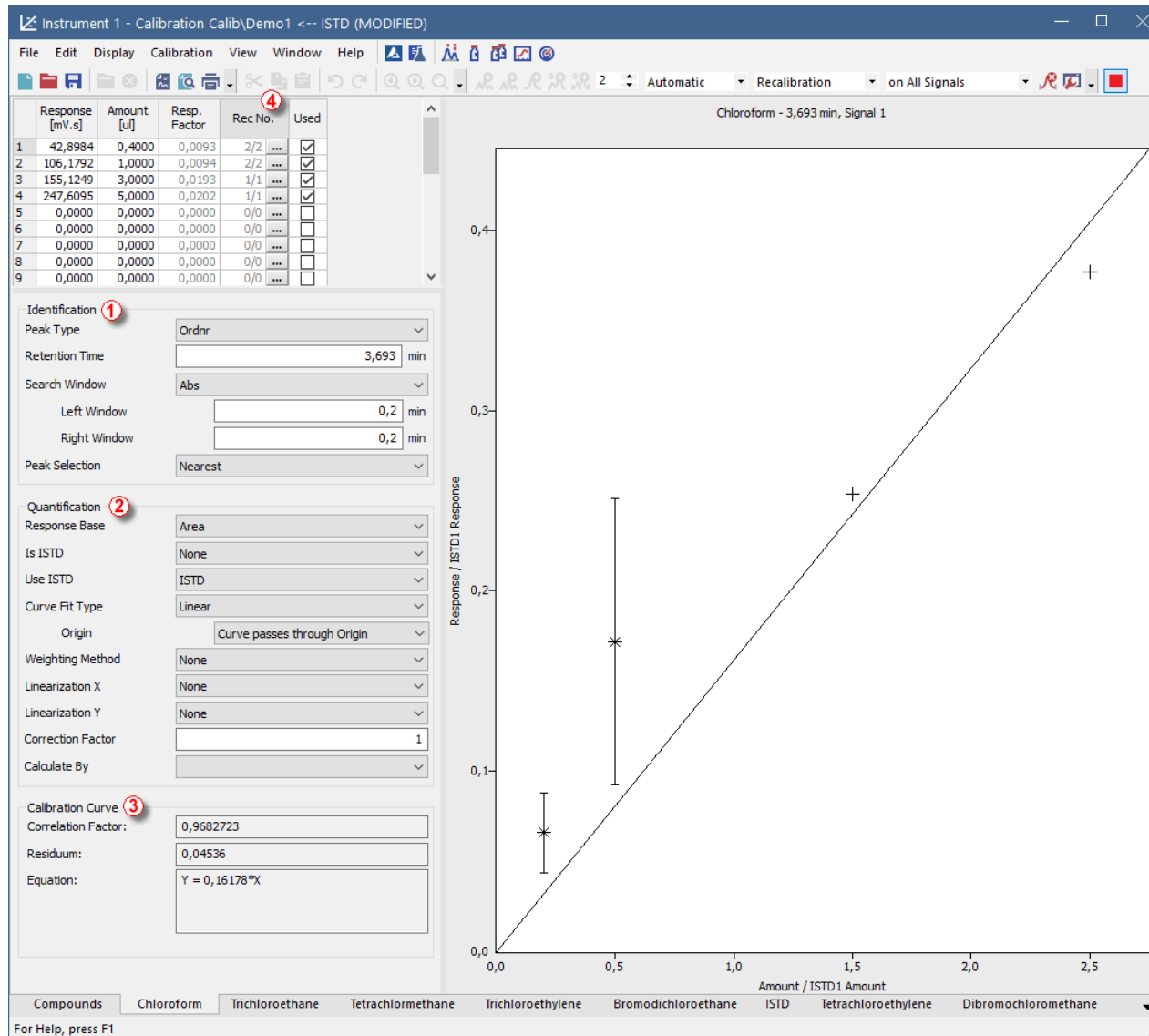
- Method **versioning**
- Redesigned tab of a specific compound in **Calibration**
- New **icons and groups** in Audit Trail
- Improvements in the **MS** extension
- **New and updated** control modules

The screenshot displays the 'Method Setup Demo1' application window. The title bar shows the method name and version: '#1; 30.03.2020 9:30:12'. The interface includes a menu bar with options like 'New', 'Open...', 'Save', and 'Report setup...'. Below the menu is a 'Common for all detectors' section with various parameters such as 'Method Description' (CKW 21.06.04), 'Column' (Optima 624), 'Mobile Phase' (Stickstoff), 'Flow Rate' (90 ml/min), 'Pressure' (1,2 bar), 'Detection' (ECD), and 'Temperature' (45 °C - 5 min, 8 °C/min, 125 °C). A 'Select Method' dialog box is open, showing a file list in the 'DEMO1' folder. The list includes folders 'Calib' and 'Data', and files 'Demo1.met' (719 kB) and 'Ethanol in blood.met' (147 kB). The 'Demo1.met' file is selected. Below the list, the 'File Name' is 'Demo1.met' and the 'File Type' is 'Method files (*.met)'. The 'Version' dropdown menu is open, showing the selected version: '#4; 30.03.2020 9:46:43'. Other fields in the dialog include 'Created By: Administrator' and 'Description: CKW 21.06.04'.

- Info about method version and last save is **displayed in the header**
- After each save, the version is **incremented**
- **Previous** versions can be opened from the File Open dialog



WHAT'S NEW → CALIBRATION



- ➔ Compound parameters are rearranged into groups – Identification ①, Quantification ② and Calibration Curve ③
- ➔ Rec No. ④ column displays both used and total recalibrations on the respective level



WHAT'S NEW → AUDIT TRAIL

OK	Time	Group	Severity	User Name	Instrument	Area	Description	Info
85	ok	10.03.2020 13:08:57	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\Common\TC_CompoundsAll.sty	Clarity 8.3.0.103 FULL...
86	ok	10.03.2020 13:09:03	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\Work1\Calib\test-cal1met.cal	Clarity 8.3.0.103 FULL...
87	ok	10.03.2020 13:09:03	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\Work1\Calib\test-cal1met.cal	Clarity 8.3.0.103 FULL...
88	ok	10.03.2020 13:09:05	Info		System	Messages	Cal.met does not match current instrument configuration. To use thi...	Clarity 8.3.0.103 FULL...
89	ok	10.03.2020 13:09:05	Method	Administrator	Instrument 1	Method Ch...	C:\Clarity83\DataFiles\Work1\Cal.met - Calculation: Integration Alg...	Clarity 8.3.0.103 FULL...
90	ok	10.03.2020 13:09:05	File	Administrator	Instrument 1	Files	Reload File C:\Clarity83\DataFiles\Work1\Cal.met - #1; 14.05.201...	Clarity 8.3.0.103 FULL...
91	ok	10.03.2020 13:09:05	Method	Administrator	Instrument 1	Method Ch...	C:\Clarity83\DataFiles\Work1\Cal.met - Calculation: Integration Alg...	Clarity 8.3.0.103 FULL...
92	ok	10.03.2020 13:09:05	Method	Administrator	Instrument 1	Method Ch...	C:\Clarity83\DataFiles\Work1\Cal.met - Method adapted - This meth...	Clarity 8.3.0.103 FULL...
93	ok	10.03.2020 13:09:05	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\Work1\Calib\test-cal1met.cal	Clarity 8.3.0.103 FULL...
94	ok	10.03.2020 13:09:07	File	Administrator	Instrument 1	Files	Save File C:\Clarity83\DataFiles\Work1\Cal.met - #1; 10.03.2020 ...	Clarity 8.3.0.103 FULL...
95	ok	10.03.2020 13:09:08	Acquisition	Administrator	Instrument 1	Detector	DEMO - 1: Method sent to sub-device.	Clarity 8.3.0.103 FULL...
96	ok	10.03.2020 13:09:08	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\Work1\Calib\test-cal1met.cal	Clarity 8.3.0.103 FULL...
97	ok	10.03.2020 13:09:08	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\Work1\Calib\test-cal1met.cal	Clarity 8.3.0.103 FULL...
98	ok	10.03.2020 13:09:08	Acquisition	Administrator	Instrument 1	Auxiliary	Virtual Digital Input Output Loop In-Out 1: Method sent to sub-device.	Clarity 8.3.0.103 FULL...
99	ok	10.03.2020 13:09:08	Acquisition	Administrator	Instrument 1	Acquisition	Method 'C:\Clarity83\DataFiles\Work1\Cal.met - #1; 10.03.2020 ...	Clarity 8.3.0.103 FULL...
100	ok	10.03.2020 13:09:09	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\Work1\Calib\test-cal1met.cal	Clarity 8.3.0.103 FULL...
101	ok	10.03.2020 13:09:09	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\Work1\Calib\test-cal1met.cal	Clarity 8.3.0.103 FULL...
102	ok	10.03.2020 13:09:18	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\Work1\Default1.met - #4; 10.03...	Clarity 8.3.0.103 FULL...
103	ok	10.03.2020 13:09:18	Info		System	Messages	Calibraton file must be defined in method Default1 for successful re...	Clarity 8.3.0.103 FULL...
104	ok	10.03.2020 13:09:28	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\Work1\Default1.met - #4; 10.03....	Clarity 8.3.0.103 FULL...
105	ok	10.03.2020 13:09:28	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\Work1\Default1.met - #4; 10.03....	Clarity 8.3.0.103 FULL...
106	ok	10.03.2020 13:09:28	Acquisition	Administrator	Instrument 1	Detector	DEMO - 1: Method sent to sub-device.	Clarity 8.3.0.103 FULL...
107	ok	10.03.2020 13:09:28	Acquisition	Administrator	Instrument 1	Auxiliary	Virtual Digital Input Output Loop In-Out 1: Method sent to sub-device.	Clarity 8.3.0.103 FULL...
108	ok	10.03.2020 13:09:28	Acquisition	Administrator	Instrument 1	Acquisition	Method 'C:\Clarity83\DataFiles\Work1\Default1.met - #4; 10.03.2...	Clarity 8.3.0.103 FULL...
109	ok	10.03.2020 13:09:29	Start	Administrator	Instrument 1	Acquisition	Ready - Ready to start run: Acquisition was started by user	Clarity 8.3.0.103 FULL...
110	ok	10.03.2020 13:09:32	Stop	Administrator	Instrument 1	Acquisition	Acquisition was stopped by detection of stop of all detectors	Clarity 8.3.0.103 FULL...
111	ok	10.03.2020 13:09:32	Info		System	Messages	Do you want to abort running analysis? OK	Clarity 8.3.0.103 FULL...
112	ok	10.03.2020 13:09:32	Acquisition	Administrator	Instrument 1	Acquisition...	Running - Acquisition running: Instrument was aborted by user	Clarity 8.3.0.103 FULL...
113	ok	10.03.2020 13:09:46	File	Administrator	Instrument 1	Files	Save File C:\Clarity83\DataFiles\Projects\WORK1.prj As C:\Clarity8...	Clarity 8.3.0.103 FULL...
114	ok	10.03.2020 13:09:46	Info		System	Messages	Changing project requires to restart instrument. (You will be prompt...	Clarity 8.3.0.103 FULL...
115	ok	10.03.2020 13:09:46	Info		System	Messages	Cannot open C:\Clarity83\DataFiles\Projects\WORK1.prj An unkno...	Clarity 8.3.0.103 FULL...
116	ok	10.03.2020 13:09:46	Info		System	Messages	Do you want to copy all files from the previous project to the new o...	Clarity 8.3.0.103 FULL...
117	ok	10.03.2020 13:09:46	File	Administrator	Instrument 1	Files	Save File C:\Clarity83\DataFiles\PROJECTS\WorkX.prj	Clarity 8.3.0.103 FULL...
118	ok	10.03.2020 13:09:54	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\PROJECTS\WorkX.prj	Clarity 8.3.0.103 FULL...
119	ok	10.03.2020 13:09:55	Info		System	Messages	Changing project requires to restart instrument. (You will be prompt...	Clarity 8.3.0.103 FULL...
120	ok	10.03.2020 13:09:56	Info		System	Messages	ISTDChromatogram.prm has been changed. Save before closing? NO	Clarity 8.3.0.103 FULL...
121	ok	10.03.2020 13:09:56	Calibration	Administrator	Instrument 1	Calibration	Noname.cal - Calibration has been discarded.	Clarity 8.3.0.103 FULL...
122	ok	10.03.2020 13:09:56	File	Administrator	Instrument 1	Chromatog...	C:\Clarity83\DataFiles\Work1\Data\ISTDChromatogram.prm - Close...	Clarity 8.3.0.103 FULL...
123	ok	10.03.2020 13:09:57	File	Administrator	Instrument 1	Files	Save File C:\Clarity83\DataFiles\Projects\WORK1.prj	Clarity 8.3.0.103 FULL...
124	ok	10.03.2020 13:09:57	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\Projects\WorkX.prj	Clarity 8.3.0.103 FULL...
125	ok	10.03.2020 13:09:59	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\Common\TourDeClarity.sty	Clarity 8.3.0.103 FULL...
126	ok	10.03.2020 13:09:59	Calibration	Administrator	Instrument 1	Calibration	Noname.cal - Calibration has been created.	Clarity 8.3.0.103 FULL...
127	ok	10.03.2020 13:10:00	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\Common\TC_CompoundsAll.sty	Clarity 8.3.0.103 FULL...
128	ok	10.03.2020 13:10:45	File	Administrator	Instrument 1	Files	Open File C:\Clarity83\DataFiles\PROJECTS\WORK1.prj	Clarity 8.3.0.103 FULL...

Session: Daily Audit Trail: 2020_03_30 + 2020_03_10 | Global

For Help, press F1

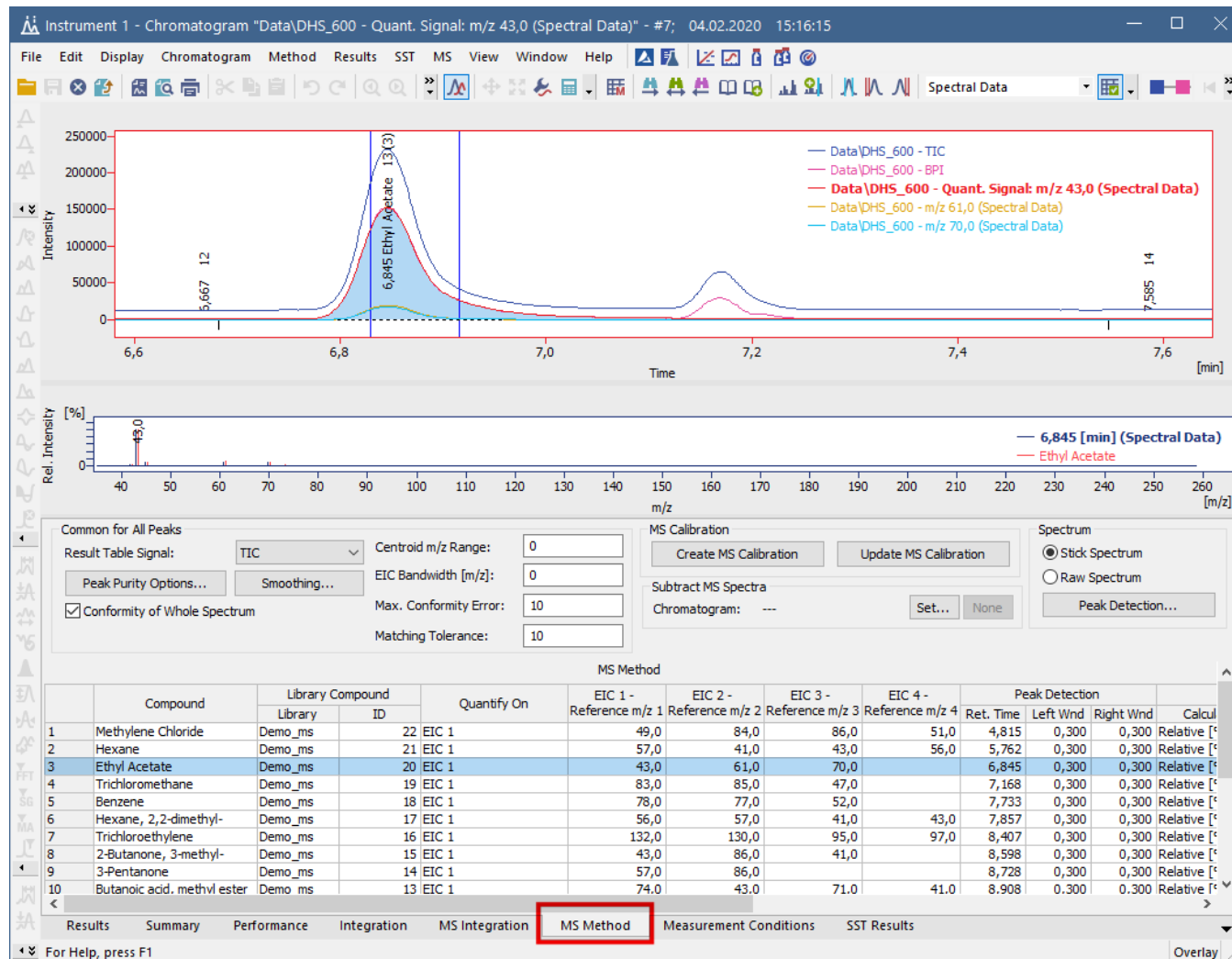
→ New columns **Group** and **Severity**

→ New **Group** icons

→ Prepared ground for **filtering** options in some future version



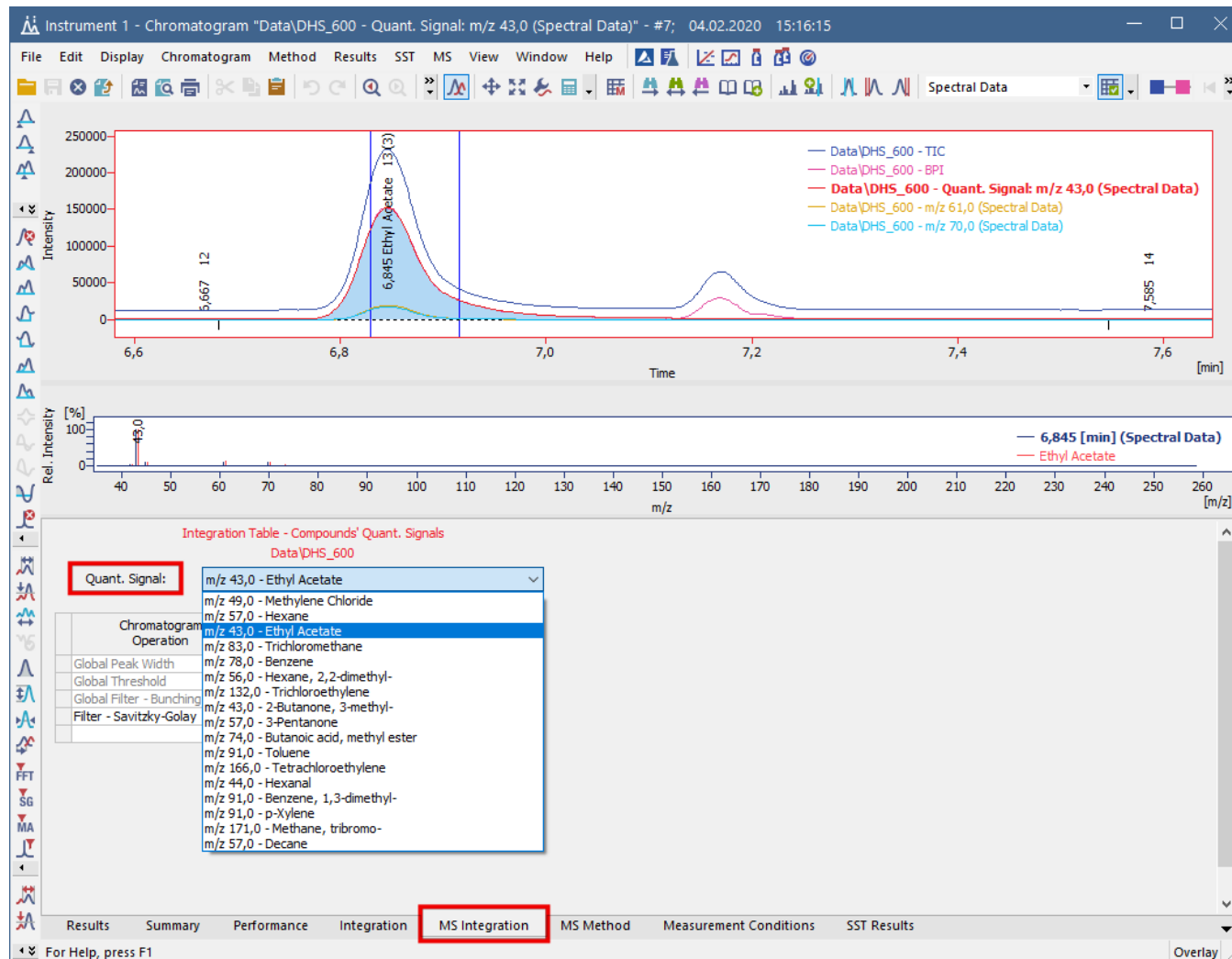
WHAT'S NEW → EXTENSION MS → CHROMATOGRAM



- ➔ MS Method tab is now faster accessible
- ➔ MS Method tab is on the same level such as Results tab (previously it was hidden on the Measurement Conditions tab)



WHAT'S NEW → EXTENSION MS → CHROMATOGRAM



- ➔ MS Integration tab is now independent tab of Integration tab
- ➔ It allows to integrate **only MS Quantification** signals



New control modules

- Agilent – 8860, 8890 and Intuvo 9000 GC
 - JASCO – FP-4020/4025 detector
 - Young In Chromass – ChroZen GC
- ... many control modules have been updated





...THANK YOU FOR YOUR TIME



SUPPORT@DATAAPEX.COM
WWW.DATAAPEX.COM