



## Release Notes 20.08.00-a to 22.03.00-h PV MassSpec

Number	Summary	Details	Topic	Type	Severity	Ticket #	Version Introduced	Versions Fixed
FFDC-9978	Add user name and security level to all print output	Show the user requesting to print below the title.	General	Feature	Minor	4627		21.04.01-a
FFDC-9960	Allow display of partial scans for PrismaPlus and QMG7xx RGAs		Sensors	Feature	Minor	4455		21.04.01-a
FFDC-9923	Show RF board position for RGA sensors in Hardware configuration dialog	Right angle or Straight are the values.	Sensors	Feature	Minor	4512		21.04.01-a
FFDC-9793	Amplifier Offset values for PrismaPlus and QMG7xx RGAs can be viewed and modified	The values are shown in Sensor Hardware configuration and are saved in the Run.	Sensors	Feature	Minor	3277		20.12.03-a
FFDC-9523	Sign all .exe and .dll inputs to installers and all .exe outputs from installers		Installer	Feature	Minor			20.08.00-m, 20.12.00-a
FFDC-9521	Add a Global Preference on whether to apply background removal and unit conversion during manual export of data	Add Run Export data transformation preference. Applies to Single Run export and Multi Run export. Applies to both RGA Bin and Scan data. Background removal and unit conversions settings from the plot are used in the transformation.	General	Feature	Minor	3230		20.08.03-a
FFDC-9502	Change maximum duration of a Step to 4,000,000 seconds		General	Feature	Minor	4064		20.08.02-a
FFDC-9491	Add global preference to ask confirmation for exit from complex multi-tab dialogs	Applies to Multi Run Viewer, Report Viewer, and Report Create/Edit. Preference in the Display tab, general section-"Ask confirmation for exit from complex multi-tab dialogs (applies to some Dialogs)" Yes or No.	Program UI	Feature	Minor	4061		20.08.02-a
FFDC-9427	Add plots units, background normalization, axis, and values of the current data number to Run print		General	Feature	Minor	3972		20.08.01-a
FFDC-10340	MCD option to subtract Background Tag scan	This feature uses the Tag Scan capability: Each Sensor can maintain one Background Scan. The Sensor's Tag Scan is manually set from any Run or in Sensor Monitor screen. The Sensor's Tag Scan scan is automatically copied to every Run acquired by the Sensor. It is also possible to configure acquisition to Tag the first Scan in the Run.	Analysis	Feature	Minor	4056		22.01.00-a
FFDC-10282	Allow changing the detector type of a Prisma Plus RGA		Sensors	Feature	Minor	5073		21.09.03-a
FFDC-10257	Allow PV MassSpec software to configure the path of log files		General	Feature	Minor	4927		21.09.01-a
FFDC-10056	Ask the user to confirm that total pressure ok when starting emission		Program UI	Feature	Minor	4666		21.04.03-a
FFDC-9995	Should not send BoardRightAngle set command to the RGA		Sensors	Bug	Minor	4641	21.04.01-a	21.04.01-b, 21.04.02-a
FFDC-9994	Compensate for the changes in version returned by the RGA firmware 1.8.0 and higher		Sensors	Bug	Medium		20.12.00-a	20.12.00-o, 21.04.00-g, 21.04.01-b, 21.04.02-a
FFDC-9950	For analog inputs to RGAs, the Signal Type could revert to Linear when using Sensor Configuration Hardware		Sensors	Bug	Minor	4245		20.04.00-r, 20.08.00-u, 20.12.00-n, 21.04.00-c, 21.04.01-a
FFDC-9927	Program does not start with error that SpOpcUaDll.dll is not found		Installer	Bug	Medium	4561	21.04.00-a	21.04.00-b, 21.04.01-a
FFDC-9889	Switching RGA filament between A and B does not work		Sensors	Bug	Minor	4484	20.12.01-a	21.04.00-a
FFDC-9746	Manual acquisition with an RGA recipe of a different amu range than the target RGA will crash		Acquisition	Bug	Medium			20.12.02-a
FFDC-9675	Change InstallShield so it does not sign files in place	This is a workaround for a problem with InstallShield that it does not install some .exe and .dll files on some computers when it signed those files in place.	Installer	Bug	Major		20.08.00-m	20.08.00-n, 20.12.00-c, 20.12.01-a
FFDC-9609	Not able to create or edit IO State definitions in a sequence		I/O Channels	Bug	Minor	4156	20.08.02-a	20.08.04-b, 20.12.00-a
FFDC-9341	Color depth used for printing to a color printer uses partially supported function resulting addition of large symbols to the plot.	Color printers and PDF file output are returning incorrect color depth. Use of different API is required.	General	Bug	Minor	3886		19.12.00-o, 20.04.00-i, 20.08.00-a
FFDC-10777	Entering Sensor Configuration Monitor screen for an RGA changes the scaling type of Analog Outputs	The result is that Log is changed to Linear. This only applies to RGAs that show Analog Outputs in Sensor Configuration Monitor.	Sensors	Bug	Minor	5777		21.04.00-ak, 21.09.00-k, 22.01.00-h, 22.03.00-c, 22.03.10-a
FFDC-10740	Exit from RGA Leak Check screen should set emission and multiplier based on settings in sensor hardware configuration "Acquisition End"	Applies only if Leak Check is not being performed. Change makes Leak Check behave identically to what happens when leaving all other Maintenance screens.	General	Bug	Minor	5543		21.04.00-aj, 21.09.00-j, 22.01.00-e, 22.03.00-b, 22.03.10-a
FFDC-10705	Preference to apply background removal and unit conversion during export does not work for Scans unless the Preference to switch rows and columns is enabled		General	Bug	Minor		20.08.03-a	20.12.00-r, 21.04.00-ai, 21.09.00-i, 22.01.00-e, 22.03.00-a
FFDC-10453	Protect against illegal time in Sensor Factory Configuration and other dialogs		Program UI	Bug	Minor	5423		21.04.00-ae, 21.09.00-d
FFDC-10325	Program does not start with error that SpShBB60Dll.dll is not found		Installer	Bug	Medium		21.09.01-a	21.09.01-b, 21.09.02-a
FFDC-10289	Do not allow the sub-scan UI for PrismaPlus and QMG7xx RGAs	The sensor does not support the functionality.	Sensors	Bug	Minor	5133		21.04.00-aa, 21.09.00-b, 21.09.01-a
FFDC-10169	Amplifier Offset Calibration does not work for PrismaPlus and QMG7xx RGAs		Sensors	Bug	Minor	3277		21.04.00-v, 21.04.05-b, 21.09.00-a
FFDC-10055	Runs not saved when using a sequence for data acquisition		Acquisition	Bug	Major	4763	21.04.00-a	21.04.00-m, 21.04.02-b, 21.04.03-a
FFDC-10052	Sensor Acquisition Control may not allow the user to change Step's Relay setting		Program UI	Bug	Minor	4758		20.08.00-x, 20.12.00-o, 21.04.00-m, 21.04.02-b, 21.04.03-a
FFDC-10045	Sensor scans cannot be loaded, causing the Runs not to load		General	Bug	Medium	4743	21.04.02-a	21.04.02-b, 21.04.03-a
FFDC-10037	PrismaPlus and QMG7xx RGAs incorrectly show only one filament		Sensors	Bug	Medium	4722	21.04.01-a	21.04.02-a