

# 2 One or More injections missing from acquisition line

## 2.1 Reason message appears

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The following types of actions can cause the `One or More injections missing from acquisition line` message to appear. These actions all relate to opening or saving a sample set.

- Opening an acquired sample set with a missing injection using Alter Sample Editor from the Project Window or from QuickStart

**Tip:** This missing injection situation occurs when the user chooses to skip the sample set line entirely and go to the next sample set line after aborting the current run.

- Deleting an injection manually and then opening the sample set using Alter Sample Editor
- Opening a sample set with a missing injection using Alter Sample Editor from Review
- Saving a sample set with a missing injection using Alter Sample Editor after modifying the sample set
- Creating a process-only sample set from one or more sample sets with one or more missing injections

## 2.2 Background

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The `One or More injections missing from acquisition line` message is generated when one or more injections are missing from a sample set line. An injection is considered missing when the number of planned injections does not match the number of acquired injections. For example, if a sample set method line has three injections, but only one of the three injections was acquired, then the message is generated because the other two injections are considered missing.

**Exception:** If an entire sample set line that is specified in the sample set method is missing from the sample set, then the missing injections are not detected and the message is not generated. If this sample set is opened in the Alter Sample Editor, then the sample set line is highlighted instead of generating the message.

**Tip:** You can launch the Alter Sample Editor from the Project Window, from Review, or by using the Import tool. However, when importing Empower data, the Alter Sample Editor does not open

in sample set mode. A missing sample set can be carried over (copied) to another project. If this is the case, the One or More injections missing from acquisition line message appears when you open the Alter Sample Editor in the destination project.

## 2.3 Troubleshooting

There is no way to troubleshoot this issue. Once the situation occurs (after the message is displayed the first time), the same message appears whenever the user opens the sample set. The injection was already deleted or was not generated in the first place.

**Note:** The user may see Audit Trail records that show possible causes (see the example below). One line displays Deleted Injection and another displays Aborted Sample Set.

**Figure 2–1: Example messages for injections missing from acquisition line**

Action	Details	Change Date	User	Misc
1 Modified Method	Method: iQuickSet Type: Sample Set Version: 5	4/19/17 6:35:01 AM EDT	System/Administrator	
2 Altered Sample Set	Sample Set: S1 Sample Set Method: iQuickSet Sample Set ID: 1013 SampleSet Method ID: 1066	4/19/17 6:35:01 AM EDT	System/Administrator	
3 Modified Method	Method: iQuickSet Type: Sample Set Version: 4	4/19/17 6:33:53 AM EDT	System/Administrator	
4 Altered Sample Set	Sample Set: S1 Sample Set Method: iQuickSet Sample Set ID: 1013 SampleSet Method ID: 1065	4/19/17 6:33:53 AM EDT	System/Administrator	
5 Modified Method	Method: iQuickSet Type: Sample Set Version: 3	4/19/17 6:32:56 AM EDT	System/Administrator	
6 Altered Sample Set	Sample Set: S1 Sample Set Method: iQuickSet Sample Set ID: 1013 SampleSet Method ID: 1064	4/19/17 6:32:56 AM EDT	System/Administrator	
7 Modified Method	Method: test Type: Sample Set Version: 5	4/18/17 6:54:30 AM EDT	System/Administrator	
8 Created Process Only Sample Set	Sample Set: test Sample Set Method: test Sample Set ID: 1060 SampleSet Method ID: 1063 Injection IDs: 1036,1038,1040,1043,1045	4/18/17 6:54:30 AM EDT	System/Administrator	
9 Created Method	Method: S3 Type: Sample Set Version: 1	4/5/17 4:09:17 PM EEST	MCM/MCM_usertype	
10 Created Process Only Sample Set	Sample Set: S3 Sample Set Method: S3 Sample Set ID: 1050 SampleSet Method ID: 1056 Injection IDs: 1040,1036,1038,1043,1045	4/5/17 4:09:17 PM EEST	MCM/MCM_usertype	
11 Created Result Set	Result Set: S2 Sample Set Method: iQuickSet Method: MethodSet Processed How: Method Set Result Set ID: 1049 Sample Set ID: 1034	4/5/17 3:27:19 PM EEST	MCM/MCM_usertype	
12 Deleted Result Set	Result Set: S2 Result Set ID: 1049	4/5/17 3:27:19 PM EEST	MCM/MCM_usertype	Deleted during background processing
13 Deleted Injection	Sample Name: Vial 2 Injection No.: 3 Injection ID: 1047	4/5/17 2:42:07 PM EEST	MCM/MCM_usertype	
14 Disconnected From System	ChromatoSystem	4/5/17 2:34:17 PM EEST	MCM/MCM_usertype	
15 Run Sample Set	Sample Set: S2 Sample Set Method: iQuickSet Sample Set ID: 1034	4/5/17 2:27:17 PM EEST	MCM/MCM_usertype	ChromatoSystem
16 Created Method	Method: iQuickSet Type: Sample Set Version: 2	4/5/17 2:27:16 PM EEST	MCM/MCM_usertype	
17 Connected to System	ChromatoSystem	4/5/17 2:14:05 PM EEST	MCM/MCM_usertype	
18 Disconnected From System	ChromatoSystem	4/5/17 2:08:21 PM EEST	MCM/MCM_usertype	
19 Aborted Sample Set	Sample Set: S1 Sample Set Method: iQuickSet Sample Set ID: 1013 Reason: User Aborted During Injection #2, Line #1, Sample Set Continued on Next Line	4/5/17 1:59:56 PM EEST	MCM/MCM_usertype	ChromatoSystem
20 Run Sample Set	Sample Set: S1 Sample Set Method: iQuickSet Sample Set ID: 1013	4/5/17 1:58:47 PM EEST	MCM/MCM_usertype	ChromatoSystem
21 Created Method	Method: iQuickSet Type: Sample Set Version: 1	4/5/17 1:58:46 PM EEST	MCM/MCM_usertype	
22 Connected to System	ChromatoSystem	4/5/17 1:49:27 PM EEST	MCM/MCM_usertype	