

CASE NARRATIVE

Garden State Laboratories, Inc.

Project Name: Waste Water 2025

Project # N/A

Order ID # Q3362

Test Name: VOCMS Group1,VOCMS Group2

A. Number of Samples and Date of Receipt:

2 Water samples were received on 10/16/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested:

. This data package contains results for VOCMS Group1(624.1), VOCMS Group2(8260D).

C. Analytical Techniques:

VOCMS Group1 : The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group1 was based on method 624.1.

VOCMS Group2 : The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOCMS Group2 was based on method 8260D.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except following VOCMS Group2 : VOA 251015085-01[4-Bromofluorobenzene-122%] but now no more vials for reanalysis therefore no corrective action taken.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.



284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

E. Additional Comments:

VOCMS Group1 : "As per method, MS/MSD is required to be performed with the sample analysis. However, Lab did not receive sufficient volume to perform the MS/MSD therefore MS/MSD were not performed for this project. However, Lab has performed LCS/LCSD instead."

VOCMS Group2 : Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____