

CASE NARRATIVE

G Environmental

Project Name: Amsterdam

Project # N/A

Order ID # Q3172

Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:

3 Water samples were received on 09/23/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_V were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOCMS Group1 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 for FW7D [Toluene-d8 - 83%], FW7DDL [Toluene-d8 - 80%], due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD for {VV0924WBSD02} with File ID: VV039165.D met criteria except for Acetone[32%], Bromomethane[34%] due to difference in results of BS and BSD.

The Blank Spike for {VV0924WBS02} with File ID: VV039150.D met requirements for all compounds except for 4-Methyl-2-Pentanone[120%] is failing high but no positive hit in associate sample therefore no corrective action taken.

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

The %RSD is greater than 20% in the Initial Calibration method (82V092225S.M) for 2-Hexanone passing on Linear regression and Chloroethane ,Acetone ,Methylene Chloride,Styrene,1,2-Dibromo-3-Chloropropane are passing on Quadtratic Regression.



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The Continuous Calibration File ID VV039146.D met the requirements except for Dichlorodifluoromethane is failing high but no positive hit in associate sample therefore no corrective action taken.

The Continuous Calibration File ID VV039168.D met the requirements except for Bromomethane is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

Samples FW7D, FW6D were diluted due to high concentrations.

E. Additional Comments:

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

Trip Blank was not provided with this set of samples.

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_____