

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : 97-34 63RD RD, REGO PARK NY

GFE LLC

58 Nokomis Ave

Lake Hiawatha, NJ - 07034

Phone No: 646-542-3465

ORDER ID : Q1386

ATTENTION : Frank Galdun



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q1386

Project ID : 97-34 63RD RD, Rego Park NY

Client : GFE LLC

Lab Sample Number

Q1386-01

Client Sample Number

IA1A

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. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 9:11 am, Feb 28, 2025

Date: 2/27/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

GFE LLC

Project Name: 97-34 63RD RD, Rego Park NY

Project # N/A

Chemtech Project # Q1386

Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:

1 Air sample was received on 02/18/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOCMS Group3. This data package contains results for VOCMS Group3.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_L were done using GC column RTX-1, which is 60 meters, 0.32 mm id, 1.0 um df, Restek Cat. #10157. The Trap was supplied by Entech, glass bead and Tenax , Entech 7100A Preconcentrator. The analysis of VOCMS Group3 was based on method TO-15.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD for {Q1386-01DUP} with File ID: VL042038.D met criteria except for cis-1,2-Dichloroethene[32%], Tetrachloroethene[33.9%] and Trichloroethene[21.8%] due to difference in results of Original and DUP.

The Blank Spike met requirements for all samples .

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

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

E. Additional Comments:

F. Manual Integration Comments:

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



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

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2.1

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.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 9:11 am, Feb 28, 2025

Signature _____

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1386

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 02/27/2025

Hit Summary Sheet
SW-846

SDG No.: Q1386
Client: GFE LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	IA1A							
Q1386-01	IA1A	Air	cis-1,2-Dichloroethene	0.83	J	0.36	1.98	ug/m3
Q1386-01	IA1A	Air	Trichloroethene	2.42		0.11	0.16	ug/m3
Q1386-01	IA1A	Air	Tetrachloroethene	69.8		0.14	0.20	ug/m3
Total Voc :				73.1				
Total Concentration:				73.1				



SAMPLE DATA

Report of Analysis

Client:	GFE LLC	Date Collected:	02/18/25
Project:	97-34 63RD RD, Rego Park NY	Date Received:	02/18/25
Client Sample ID:	IA1A	SDG No.:	Q1386
Lab Sample ID:	Q1386-01	Matrix:	Air
Analytical Method:	TO-15	Test:	VOCMS Group3
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042037.D	1		02/21/25 12:47	VL022125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	0.010	0.030	U	0.030	0.080	ug/m3
75-35-4	1,1-Dichloroethene	0.14	0.56	U	0.56	1.98	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.21	0.83	J	0.36	1.98	ug/m3
71-55-6	1,1,1-Trichloroethane	0.010	0.050	U	0.050	0.16	ug/m3
79-01-6	Trichloroethene	0.45	2.42		0.11	0.16	ug/m3
127-18-4	Tetrachloroethene	10.3	69.8		0.14	0.20	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.5			65 - 135	105%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	89400			2.784		
540-36-3	1,4-Difluorobenzene	243000			3.955		
3114-55-4	Chlorobenzene-d5	217000			8.878		

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

LAB CHRONICLE

OrderID:	Q1386	OrderDate:	2/18/2025 12:26:00 PM
Client:	GFE LLC	Project:	97-34 63RD RD, Rego Park NY
Contact:	Frank Galdun	Location:	Air Lab,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1386-01	IA1A	Air	VOCMS Group3	TO-15	02/18/25		02/21/25	02/18/25



SHIPPING DOCUMENTS

CHEMTECH

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

CHEMTECH Project No. :

Q1386

Client Contact Information		Bottle Order ID : B2502016		Courier : F. GALDUN		Analysis		Matrix																	
Client ID : GFEL01		Project ID : 315 W. 106TH ST. PARK, NY		Sampler Name(s) : FRANK GALDUN																					
Customer Name : GFE LLC		Project Manager : FRANK GALDUN		AIR ANALYSIS																					
Address : 58 Nokomis Ave		Phone Number : 646-542-3465		CHAIN-OF-CUSTODY																					
City : Lake Hiawatha		Fax Number : 973-334-1692		Batch Certified																					
State : NJ		Site Details: 97-34 63RD RD. REGO PARK, NY																							
Zip Code : 07034		Analysis Turnaround Time : 5 DAY																							
Country : USA		Standard : 10-business days		Data Package Type : Residuals Only																					
		Rush (Specify): 3 Days		EDD Type : PDF																					
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Flow Controller Readout (ml/min)	Can Cert ID	TO-15	Indoor/Ambient Air	Soil Gas									
IR1A	2/18/25	8:12	10:12	0.14	0.30	65	65	-30	-5.9	10226	10294	6 L	50	VL041796.D	/	/									
<p>Temperature (Fahrenheit)</p> <table border="1"> <tr> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> </tr> </table>																	Ambient	Maximum	Minimum	Start			Stop		
Ambient	Maximum	Minimum																							
Start																									
Stop																									
<p>Pressure (Inches of Hg)</p> <table border="1"> <tr> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> </tr> </table>																	Ambient	Maximum	Minimum	Start			Stop		
Ambient	Maximum	Minimum																							
Start																									
Stop																									
<p>GC/MS Analyst Signature (TO-15)</p> <p>34016</p>																									
<p>Special Instructions/QC Requirements & Comments :</p> <p>Submit of this COC indicates approval of the analysis based on existing conditions.</p> <p>REDO ONLY: PE, TCE, cis-1,2-DCE, 1,1-DCE, 1,1,1-TCA, VINYL CHLORIDE</p> <p>Please follow the instructions on the back of this COC.</p>																									
<p>Suspected Contamination: High Medium</p> <p>Sampling site (State): LOW</p> <p>PIB Readings: 0.0</p>																									
<p>Quick Connector required : N/C</p>																									
Canisters Shipped by:		Date/Time: 2/21/25		Canisters Received by:		Date/Time: 2/21/25		Date/Time: 2/18/25		Date/Time: 2/18/2025		Date/Time: 2/18/2025		Date/Time: 2/18/2025		Date/Time: 2/18/2025									
Samples Relinquished by:		Date/Time: 2/18/25		Received by:		Date/Time: 2/18/25		Received by:		Date/Time: 2/18/25		Received by:		Date/Time: 2/18/25		Received by:									
Relinquished by:		Date/Time: 2/18/25		Received by:		Date/Time: 2/18/25		Received by:		Date/Time: 2/18/25		Received by:		Date/Time: 2/18/25		Received by:									

Laboratory Certification


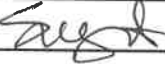
Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Internal Chain of Custody

Instructions: Use 1 form for each 20 samples of aliquot

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample			
Laboratory: <u>Chemtech</u>		Location: <u>284 Sheffield Street, Mountainside, NJ 7092</u>	
NOTE		Title: <u>Sample Custodian</u>	
Field Sample Seal No. <u>Q1386</u>		Date Broken <u>2/18/2025</u> Military Time Seal Broken: <u>11:30:00</u>	
Case No.: <u>97-34 63RD RD, Rego Park</u>		Analytical Parameter/Fraction <u>OCMS Group3</u>	

Sample No.	Aliquot/Extract No.	Sample No.	Aliquot/Extract No.
Q1386-01	IA1A		

Date	Time	Relinquished By	Received By	Purpose of Change of Custody
2/18	1234	Signature 	Signature 	
		Printed Name <u>George N.</u>	Printed Name <u>Samantha Gendy</u>	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	

Distribution: White - Original (Sent With Report) Yellow - Contractor Archive Pink - Sample Custodian - Interim Copy