Data Usability Summary Report

Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

65-67 Lake Ave., Lancaster
Pace Analytical Services SDG#L2548864
October 3, 2025
Sampling date: 8/5/2025

Prepared by:
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89 Morningside Dr.
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DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Matrix Environmental Technologies, Inc., project located at 65-67 Lake Ave., Lancaster, Pace Analytical Services SDG #L2548864 submitted to Vali-Data of WNY, LLC on August 22, 2025. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using the USEPA method Volatile Organics (8260D).

ID	Sample ID	Laboratory ID
1	SB 401 (080525)	L2548864-01
2	SB 402 (080525)	L2548864-02

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Laboratory Control Samples, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met except several target analytes were detected in the method blank. Those targe analytes were not detected in the samples, so no further action is required.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met except several target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS/LCSD ID	Target Analyte	%Rec LCS	%Rec LCSD	Qualifier	Associated Sample
WG2103563	4-Methyl-2-pentanone	62	63	UJ	1, 2
WG2103563	Acetone	42	42	UJ	1, 2
WG2103563	2-Butanone	42	42	UJ	1, 2
WG2103563	2-Hexanone	40	40	UJ	1, 2
WG2103563	Methyl acetate	41	40	UJ	1, 2

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All criteria were met .

INITIAL CALIBRATION
All criteria were met except a target analyte was outside QC limits in the initial calibration (ICal) and/or the initial calibration verification (ICV) and should be qualified as estimated in the associated samples blanks and spikes.

ICal/ICV instrument	Target Analyte	RRF/%D	Qualifier	Associated Sample
ICal/ICV VOA127	1,4-Dioxane	RRF/27.5	UJ/J	WG2103563, 1, 2

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibration and should be qualified as estimated in the associated samples blanks and spikes.

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
WG2103563-2	1,4-Dioxane	RRF	UJ/J	WG2103563, 1, 2
WG2103563-2	Acetone	57.6	UJ/J	WG2103563, 1, 2
WG2103563-2	Methyl acetate	59.5	UJ/J	WG2103563, 1, 2
WG2103563-2	2-Butanone	58	UJ/J	WG2103563, 1, 2
WG2103563-2	4-Methyl-2-pentanone	37.3	UJ/J	WG2103563, 1, 2
WG2103563-2	Tetrachloroethene	-24.3	UJ/J	WG2103563, 1, 2
WG2103563-2	2-Hexanone	60.1	UJ/J	WG2103563, 1, 2

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey Report Date: 08/19/25

Title: Technical Director/Representative

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Matrix Environmental Technologies	Lab Number	: L2548864
Project Name	: LAKESIDE VILLAGE APARTMENTS BC	Project Number	: 18-046
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2103563-3 Analysis Date : 08/15/25 08:29	File ID	: V27250815B01
LCSD Sample ID	: WG2103563-4 Analysis Date : 08/15/25 08:50	File ID	: V27250815B02

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R		True (ug/kg)	Found (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Trichloroethene	40	39	98		40	38	95		3	70-130	30
1,2-Dichlorobenzene	40	41	102		40	40	100		2	70-130	30
1,3-Dichlorobenzene	40	42	104		40	41	102		2	70-130	30
1,4-Dichlorobenzene	40	42	104		40	41	102		2	70-130	30
Methyl tert butyl ether	40	34	86		40	35	87		1	66-130	30
p/m-Xylene	80	85	106		80	84	105		1	70-130	30
o-Xylene	80	85	106		80	83	104		2	70-130	30
cis-1,2-Dichloroethene	40	42	105		40	40	101		4	70-130	30
Styrene	80	84	104		80	83	104		0	70-130	30
Dichlorodifluoromethane	40	40	100		40	39	96		4	30-146	30
Acetone	40	17	42	Q	40	17	42	Q	0	54-140	30
Carbon disulfide	40	41	102		40	40	100		2	59-130	30
2-Butanone	40	17	42	Q	40	17	42	Q	0	70-130	30
4-Methyl-2-pentanone	40	25	62	Q	40	25	63	Q	2	70-130	30
2-Hexanone	40	16	40	Q	40	16	40	Q	0	70-130	30
Bromochloromethane	40	39	98		40	38	96		2	70-130	30
1,2-Dibromoethane	40	37	93		40	37	94		1	70-130	30
1,2-Dibromo-3-chloropropane	40	30	75		40	31	78		4	68-130	30
Isopropylbenzene	40	42	105		40	41	103		2	70-130	30
1,2,3-Trichlorobenzene	40	40	99		40	40	99		0	70-130	30
1,2,4-Trichlorobenzene	40	42	106		40	43	106		0	70-130	30
Methyl Acetate	40	16	41	Q	40	16	40	Q	2	51-146	30
Cyclohexane	40	35	86		40	34	85		1	59-142	30
1,4-Dioxane	2000	1600	80		2000	1500	76		5	65-136	30
Freon-113	40	47	118		40	46	116		2	50-139	30
Methyl cyclohexane	40	44	110		40	44	110		0	70-130	30

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Matrix Environmental Technologies	Lab Number	: L2548864
Project Name	: LAKESIDE VILLAGE APARTMENTS BC	Project Number	: 18-046
Lab ID	: L2548864-01	Date Collected	: 08/05/25 08:20
Client ID	: SB 401 (080525)	Date Received	: 08/05/25
Sample Location	: 65-67 LAKE AVENUE, LANCASTER	Date Analyzed	: 08/15/25 17:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V27250815B26	Instrument ID	: VOA127
Sample Amount	: 6.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.4	2.0	U
75-34-3	1,1-Dichloroethane	ND	0.89	0.13	U
67-66-3	Chloroform	ND	1.3	0.12	U
56-23-5	Carbon tetrachloride	ND	0.89	0.20	U
78-87-5	1,2-Dichloropropane	ND	0.89	0.11	U
124-48-1	Dibromochloromethane	ND	0.89	0.12	U
79-00-5	1,1,2-Trichloroethane	ND	0.89	0.24	U
127-18-4	Tetrachloroethene	0.60	0.44	0.17	
108-90-7	Chlorobenzene	ND	0.44	0.11	U
75-69-4	Trichlorofluoromethane	ND	3.6	0.62	U
107-06-2	1,2-Dichloroethane	ND	0.89	0.23	U
71-55-6	1,1,1-Trichloroethane	ND	0.44	0.15	U
75-27-4	Bromodichloromethane	ND	0.44	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.89	0.24	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.44	0.14	U
75-25-2	Bromoform	ND	3.6	0.22	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.44	0.15	U
71-43-2	Benzene	ND	0.44	0.15	U
108-88-3	Toluene	ND	0.89	0.48	U
100-41-4	Ethylbenzene	ND	0.89	0.12	U
74-87-3	Chloromethane	ND	3.6	0.83	U
74-83-9	Bromomethane	ND	1.8	0.52	U
75-01-4	Vinyl chloride	ND	0.89	0.30	U
75-00-3	Chloroethane	ND	1.8	0.40	U
75-35-4	1,1-Dichloroethene	ND	0.89	0.21	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Matrix Environmental Technologies	Lab Number	: L2548864
Project Name	: LAKESIDE VILLAGE APARTMENTS BC	Project Number	: 18-046
Lab ID	: L2548864-01	Date Collected	: 08/05/25 08:20
Client ID	: SB 401 (080525)	Date Received	: 08/05/25
Sample Location	: 65-67 LAKE AVENUE, LANCASTER	Date Analyzed	: 08/15/25 17:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V27250815B26	Instrument ID	: VOA127
Sample Amount	: 6.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.12	U
79-01-6	Trichloroethene	ND	0.44	0.12	U
95-50-1	1,2-Dichlorobenzene	ND	1.8	0.13	U
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.13	U
106-46-7	1,4-Dichlorobenzene	ND	1.8	0.15	U
1634-04-4	Methyl tert butyl ether	ND	1.8	0.18	U
179601-23-1	p/m-Xylene	ND	1.8	0.50	U
95-47-6	o-Xylene	ND	0.89	0.26	U
156-59-2	cis-1,2-Dichloroethene	ND	0.89	0.16	U
100-42-5	Styrene	ND	0.89	0.17	U
75-71-8	Dichlorodifluoromethane	ND	8.9	0.81	U
67-64-1	Acetone	ND	8.9	4.3	U
75-15-0	Carbon disulfide	ND	8.9	4.0	U
78-93-3	2-Butanone	ND	8.9	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	8.9	1.1	U
591-78-6	2-Hexanone	ND	8.9	1.0	U
74-97-5	Bromochloromethane	ND	1.8	0.18	U
106-93-4	1,2-Dibromoethane	ND	0.89	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.7	0.89	U
98-82-8	Isopropylbenzene	ND	0.89	0.10	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.8	0.29	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.24	U
79-20-9	Methyl Acetate	ND	3.6	0.84	U
110-82-7	Cyclohexane	ND	8.9	0.48	U
123-91-1	1,4-Dioxane	ND	71	31.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Matrix Environmental Technologies	Lab Number	: L2548864
Project Name	: LAKESIDE VILLAGE APARTMENTS BC	Project Number	: 18-046
Lab ID	: L2548864-01	Date Collected	: 08/05/25 08:20
Client ID	: SB 401 (080525)	Date Received	: 08/05/25
Sample Location	: 65-67 LAKE AVENUE, LANCASTER	Date Analyzed	: 08/15/25 17:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V27250815B26	Instrument ID	: VOA127
Sample Amount	: 6.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	3.6	0.62	U
108-87-2	Methyl cyclohexane	ND	3.6	0.54	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Matrix Environmental Technologies	Lab Number	: L2548864
Project Name	: LAKESIDE VILLAGE APARTMENTS BC	Project Number	: 18-046
Lab ID	: L2548864-02	Date Collected	: 08/05/25 08:40
Client ID	: SB 402 (080525)	Date Received	: 08/05/25
Sample Location	: 65-67 LAKE AVENUE, LANCASTER	Date Analyzed	: 08/15/25 18:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V27250815B27	Instrument ID	: VOA127
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.2	2.4	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.6	0.15	U
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U
127-18-4	Tetrachloroethene	2.1	0.52	0.20	
108-90-7	Chlorobenzene	ND	0.52	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.2	0.73	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.27	U
71-55-6	1,1,1-Trichloroethane	ND	0.52	0.18	U
75-27-4	Bromodichloromethane	ND	0.52	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.29	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.52	0.17	U
75-25-2	Bromoform	ND	4.2	0.26	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.52	0.17	U
71-43-2	Benzene	ND	0.52	0.17	U
108-88-3	Toluene	ND	1.0	0.57	U
100-41-4	Ethylbenzene	ND	1.0	0.15	U
74-87-3	Chloromethane	ND	4.2	0.98	U
74-83-9	Bromomethane	ND	2.1	0.61	U
75-01-4	Vinyl chloride	ND	1.0	0.35	U
75-00-3	Chloroethane	ND	2.1	0.48	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.25	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Matrix Environmental Technologies	Lab Number	: L2548864
Project Name	: LAKESIDE VILLAGE APARTMENTS BC	Project Number	: 18-046
Lab ID	: L2548864-02	Date Collected	: 08/05/25 08:40
Client ID	: SB 402 (080525)	Date Received	: 08/05/25
Sample Location	: 65-67 LAKE AVENUE, LANCASTER	Date Analyzed	: 08/15/25 18:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V27250815B27	Instrument ID	: VOA127
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U
79-01-6	Trichloroethene	0.15	0.52	0.14	J
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U
179601-23-1	p/m-Xylene	ND	2.1	0.59	U
95-47-6	o-Xylene	ND	1.0	0.30	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.96	U
67-64-1	Acetone	ND	10	5.0	U
75-15-0	Carbon disulfide	ND	10	4.8	U
78-93-3	2-Butanone	ND	10	2.3	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.1	0.22	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.28	U
79-20-9	Methyl Acetate	ND	4.2	1.0	U
110-82-7	Cyclohexane	ND	10	0.57	U
123-91-1	1,4-Dioxane	ND	84	37.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: Matrix Environmental Technologies	Lab Number	: L2548864
Project Name	: LAKESIDE VILLAGE APARTMENTS BC	Project Number	: 18-046
Lab ID	: L2548864-02	Date Collected	: 08/05/25 08:40
Client ID	: SB 402 (080525)	Date Received	: 08/05/25
Sample Location	: 65-67 LAKE AVENUE, LANCASTER	Date Analyzed	: 08/15/25 18:18
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V27250815B27	Instrument ID	: VOA127
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.2	0.73	U
108-87-2	Methyl cyclohexane	ND	4.2	0.63	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Matrix Environmental Technologies	Lab Number	: L2548864
Project Name	: LAKESIDE VILLAGE APARTMENTS BC	Project Number	: 18-046
Lab ID	: WG2103563-5	Date Collected	: NA
Client ID	: WG2103563-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/15/25 09:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V27250815B04	Instrument ID	: VOA127
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	0.44	1.5	0.14	J
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Matrix Environmental Technologies	Lab Number	: L2548864
Project Name	: LAKESIDE VILLAGE APARTMENTS BC	Project Number	: 18-046
Lab ID	: WG2103563-5	Date Collected	: NA
Client ID	: WG2103563-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/15/25 09:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V27250815B04	Instrument ID	: VOA127
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	0.20	2.0	0.14	J
541-73-1	1,3-Dichlorobenzene	0.19	2.0	0.15	J
106-46-7	1,4-Dichlorobenzene	0.21	2.0	0.17	J
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	0.54	2.0	0.32	J
120-82-1	1,2,4-Trichlorobenzene	0.46	2.0	0.27	J
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	80	35.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Matrix Environmental Technologies	Lab Number	: L2548864
Project Name	: LAKESIDE VILLAGE APARTMENTS BC	Project Number	: 18-046
Lab ID	: WG2103563-5	Date Collected	: NA
Client ID	: WG2103563-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/15/25 09:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V27250815B04	Instrument ID	: VOA127
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Initial Calibration Summary
Form 6
Volatiles

Client	: Matrix Environmental Technologies	**Lab Number**	: L2548864
Project Name	: LAKESIDE VILLAGE APARTMENTS BC	**Project Number**	: 18-046
Instrument ID	: VOA127	**Ical Ref**	: ICAL22462
Calibration dates	: 07/11/25 14:29 07/11/25 18:17		

Calibration Files

L0 =V27250711A03.D L1 =V27250711A05.D L1.5=V27250711A07.D L2 =V27250711A09.D L3 =V27250711A10.D

L4 =V27250711A11.D L6 =V27250711A12.D L7 =V27250711A13.D L8 =V27250711A14.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
41)	TP	Benzene	0.964	0.845	1.045	0.864	0.850	0.926	0.919	0.914	0.876	0.911	7.00
42)	TP	Tertiary-Amyl Methyl Ether		0.669	0.706	0.604	0.624	0.694	0.713	0.713	0.690	0.677	6.15
43)	S	1,2-Dichloroethane-d4	0.330	0.321	0.330	0.319	0.312	0.302	0.308	0.310	0.308	0.316	3.20
44)	TP	1,2-Dichloroet		0.392	0.419	0.391	0.370	0.391	0.390	0.383	0.372	0.388	3.89
47)	TP	Methyl cyclohe		0.286	0.396	0.242	0.339	0.412	0.411	0.417	0.402	0.363	18.47
48)	TP	Trichloroethene	0.337	0.302	0.320	0.242	0.234	0.254	0.252	0.249	0.241	0.270	14.30
50)	TP	Dibromomethane		0.175	0.185	0.155	0.143	0.153	0.151	0.151	0.146	0.157	9.41
51)	TP	1,2-Dichloropr		0.284	0.333	0.290	0.290	0.312	0.310	0.307	0.296	0.303	5.25
53)	TP	2-Chloroethyl		0.131	0.149	0.165	0.161	0.183	0.192	0.190	0.186	0.170	12.97
54)	TP	Bromodichloromethane	0.504	0.471	0.379	0.376	0.345	0.361	0.365	0.361	0.351	0.390	14.57
57)	TP	1,4-Dioxane		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	5.99
58)	TP	cis-1,3-Dichloropropene	0.350	0.392	0.433	0.394	0.393	0.427	0.429	0.424	0.410	0.406	6.55
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.189	1.200	1.180	1.189	1.215	1.211	1.216	1.210	1.220	1.203	1.20
61)	TP	Toluene		0.990	1.053	0.773	0.715	0.792	0.768	0.749	0.735	0.822	15.40
62)	TP	4-Methyl-2-pen		0.163	0.151	0.137	0.133	0.154	0.157	0.151	0.155	0.150	6.57
63)	TP	Tetrachloroethene	0.254	0.281	0.360	0.263	0.293	0.345	0.347	0.341	0.336	0.313	12.90
65)	TP	trans-1,3-Dich		0.427	0.464	0.464	0.464	0.519	0.516	0.496	0.488	0.480	6.43
67)	TP	Ethyl methacry		0.411	0.422	0.408	0.356	0.389	0.391	0.374	0.369	0.390	5.88
68)	TP	1,1,2-Trichlor		0.258	0.258	0.226	0.219	0.242	0.238	0.225	0.223	0.236	6.58
69)	TP	Chlorodibromomethane	0.301	0.352	0.341	0.330	0.321	0.362	0.362	0.352	0.350	0.341	5.97
70)	TP	1,3-Dichloropr		0.470	0.454	0.455	0.447	0.498	0.492	0.470	0.464	0.469	3.89
71)	TP	1,2-Dibromoethane	0.247	0.276	0.276	0.264	0.260	0.290	0.293	0.279	0.277	0.273	5.29
72)	TP	2-Hexanone		0.381	0.336	0.309	0.243	0.281	0.283	0.272	0.276	0.298	14.53
73)	TP	Chlorobenzene	0.769	0.806	0.932	0.804	0.782	0.873	0.861	0.834	0.816	0.831	6.10
74)	TP	Ethylbenzene		1.456	1.646	1.304	1.292	1.483	1.444	1.398	1.352	1.422	8.05
75)	TP	1,1,1,2-Tetrachloroethane	0.263	0.301	0.322	0.280	0.291	0.337	0.339	0.330	0.325	0.310	8.79
76)	TP	p/m Xylene	0.480	0.537	0.657	0.535	0.515	0.583	0.559	0.537	0.514	0.546	9.25
77)	TP	o Xylene	0.466	0.523	0.631	0.538	0.514	0.574	0.555	0.530	0.502	0.537	8.73
78)	TP	Styrene	0.848	0.865	0.991	0.888	0.854	0.957	0.914	0.857	0.812	0.887	6.43
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform		0.425	0.417	0.378	0.368	0.436	0.450	0.441	0.464	0.422	8.00
82)	TP	Isopropylbenzene		2.124	2.803	2.050	2.228	2.642	2.643	2.604	2.670	2.471	11.68
83)	S	4-Bromofluorobenzene	0.853	0.853	0.847	0.844	0.841	0.847	0.871	0.880	0.914	0.861	2.75
84)	TP	Bromobenzene		0.679	0.716	0.632	0.613	0.700	0.700	0.692	0.711	0.680	5.56
85)	TP	n-Propylbenzene		2.633	3.375	2.461	2.651	3.174	3.134	3.067	3.082	2.947	10.92

Evaluate Continuing Calibration Report

Data Path : K:\VOA127\2025\250711AICAL\
Data File : V27250711A18.D
Acq On : 11 Jul 2025 07:39 pm
Operator : VOA127:JIC
Sample : C8260STD40PPB
Misc : WG2089738,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 11 23:20:02 2025
Quant Method : K:\VOA127\2025\250711AICAL\V127_250711A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Jul 11 23:19:17 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.388	0.385	0.8	97	0.00
47	TP	Methyl cyclohexane	0.363	0.402	-10.7	96	0.00
48	TP	Trichloroethene	0.270	0.252	6.7	98	0.00
50	TP	Dibromomethane	0.157	0.148	5.7	95	0.00
51	TP	1,2-Dichloropropane	0.303	0.302	0.3	95	0.00
53	TP	2-Chloroethyl vinyl ether	0.170	0.180	-5.9	97	0.00
54	TP	Bromodichloromethane	0.390	0.351	10.0	95	0.00
57	TP	1,4-Dioxane	0.00223	0.00265#	-18.8	118	0.00
58	TP	cis-1,3-Dichloropropene	0.406	0.420	-3.4	96	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
60	S	Toluene-d8	1.203	1.212	-0.7	99	0.00
61	TP	Toluene	0.822	0.769	6.4	96	0.00
62	TP	4-Methyl-2-pentanone	0.150	0.139	7.3	90	0.00
63	TP	Tetrachloroethene	0.313	0.344	-9.9	99	0.00
65	TP	trans-1,3-Dichloropropene	0.480	0.501	-4.4	96	0.00
67	TP	Ethyl methacrylate	0.390	0.371	4.9	94	0.00
68	TP	1,1,2-Trichloroethane	0.236	0.230	2.5	94	0.00
69	TP	Chlorodibromomethane	0.341	0.355	-4.1	97	0.00
70	TP	1,3-Dichloropropane	0.469	0.476	-1.5	95	0.00
71	TP	1,2-Dibromoethane	0.273	0.274	-0.4	94	0.00
72	TP	2-Hexanone	0.298	0.257	13.8	91	0.00
73	TP	Chlorobenzene	0.831	0.857	-3.1	97	0.00
74	TP	Ethylbenzene	1.422	1.467	-3.2	98	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.310	0.326	-5.2	96	0.00
76	TP	p/m Xylene	0.546	0.579	-6.0	98	0.00
77	TP	o Xylene	0.537	0.561	-4.5	97	0.00
78	TP	Styrene	0.887	0.928	-4.6	96	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
80	TP	Bromoform	0.422	0.414	1.9	96	0.00
82	TP	Isopropylbenzene	2.471	2.576	-4.2	98	0.00
83	S	4-Bromofluorobenzene	0.861	0.841	2.3	100	0.00
84	TP	Bromobenzene	0.680	0.651	4.3	94	0.00
85	TP	n-Propylbenzene	2.947	3.166	-7.4	100	0.00
86	TP	1,4-Dichlorobutane	1.280	1.200	6.3	95	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.647	0.577	10.8	91	0.00
88	TP	4-Ethyltoluene	2.476	2.635	-6.4	99	0.00
89	TP	2-Chlorotoluene	1.834	1.748	4.7	89	0.00

Calibration Verification Summary
Form 7
Volatiles

Client	: Matrix Environmental Technologies	Lab Number	: L2548864
Project Name	: LAKESIDE VILLAGE APARTMENTS BC	Project Number	: 18-046
Instrument ID	: VOA127	Calibration Date	: 08/15/25 08:29
Lab File ID	: V27250815B01	Init. Calib. Date(s)	: 07/11/25 07/11/25
Sample No	: WG2103563-2	Init. Calib. Times	: 14:29 18:17
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	108	-.01
Dichlorodifluoromethane	0.256	0.255	-	0.4	20	112	0
Chloromethane	0.393	0.278	-	29.3*	20	77	-.01
Vinyl chloride	0.286	0.274	-	4.2	20	98	0
Bromomethane	0.119	0.145	-	-21.8*	20	141	0
Chloroethane	0.142	0.147	-	-3.5	20	109	0
Trichlorofluoromethane	0.297	0.383	-	-29*	20	130	0
1,1-Dichloroethene	0.181	0.179	-	1.1	20	114	0
Carbon disulfide	0.605	0.617	-	-2	20	108	0
Freon-113	0.166	0.196	-	-18.1	20	118	0
Methylene chloride	0.214	0.206	-	3.7	20	108	-.01
Acetone	40	16.947	-	57.6*	20	53	-.01
trans-1,2-Dichloroethene	0.202	0.202	-	0	20	112	0
Methyl acetate	0.22	0.089	-	59.5*	20	48	-.01
Methyl tert-butyl ether	0.657	0.565	-	14	20	96	-.01
1,1-Dichloroethane	0.454	0.46	-	-1.3	20	111	-.01
cis-1,2-Dichloroethene	40	42.111	-	-5.3	20	111	-.02
Bromochloromethane	0.124	0.121	-	2.4	20	106	-.01
Cyclohexane	0.525	0.453	-	13.7	20	85	0
Chloroform	0.456	0.443	-	2.9	20	108	-.02
Carbon tetrachloride	0.335	0.366	-	-9.3	20	115	0
Dibromofluoromethane	0.253	0.27	-	-6.7	20	119	-.02
1,1,1-Trichloroethane	0.387	0.412	-	-6.5	20	115	0
2-Butanone	0.174	0.073	-	58*	20	49	-.02
Benzene	0.911	0.892	-	2.1	20	104	-.01
1,2-Dichloroethane-d4	0.316	0.318	-	-0.6	20	114	-.01
1,2-Dichloroethane	0.388	0.342	-	11.9	20	94	-.01
Methyl cyclohexane	0.363	0.401	-	-10.5	20	105	0
Trichloroethene	0.27	0.264	-	2.2	20	112	-.01
1,2-Dichloropropane	0.303	0.266	-	12.2	20	92	-.01
Bromodichloromethane	0.39	0.348	-	10.8	20	104	-.01
1,4-Dioxane	0.00223	0.00179*	-	19.7	20	87	-.02
cis-1,3-Dichloropropene	0.406	0.378	-	6.9	20	95	-.01
Chlorobenzene-d5	1	1	-	0	20	110	0
Toluene-d8	1.203	1.283	-	-6.7	20	117	-.01
Toluene	0.822	0.772	-	6.1	20	107	0
4-Methyl-2-pentanone	0.15	0.094	-	37.3*	20	67	0
Tetrachloroethene	0.313	0.389	-	-24.3*	20	124	0
trans-1,3-Dichloropropene	0.48	0.44	-	8.3	20	93	0
1,1,2-Trichloroethane	0.236	0.205	-	13.1	20	94	0
Chlorodibromomethane	0.341	0.333	-	2.3	20	101	0
1,2-Dibromoethane	0.273	0.254	-	7	20	96	0
2-Hexanone	0.298	0.119	-	60.1*	20	47	0

* Value outside of QC limits.