



July 19, 2024

KNC Management, Inc.
c/o Meghan Mossey, Levine & Levine, PLLC
50 Raymond Avenue
Poughkeepsie, NY 12603

**Re: Indoor Air Sampling Summary Report
50 Raymond Avenue, Poughkeepsie, NY
Gladmore Cleaners Site – NYSDEC Spill No. 2402735
LaBella Project No. 2243037**

Dear Ms. Mossey,

LaBella Associates, D.P.C. (“LaBella”) has prepared this report to summarize the results of an indoor air assessment that was performed at 50 Raymond Avenue, Town of Poughkeepsie, Dutchess County, New York, hereinafter referred to as the “Site.”

PROJECT BACKGROUND

LaBella was retained to provide environmental consulting services at the Site following receipt of results from a sub-slab vapor sampling event performed by a consultant for an outside party. In June 2024, Gallagher Bassett Technical Services (GBTS) collected samples from four (4) locations within the first-floor slab-on-grade portion of the Site building. Analytical results from each of the sub-slab vapor locations indicated elevated concentrations of tetrachloroethene (PCE) and trichloroethene (TCE). The PCE concentrations ranged from 10 to 5,200 $\mu\text{g}/\text{m}^3$ and TCE concentrations ranged from 6.8 to 11,000 $\mu\text{g}/\text{m}^3$, which are concentrations that warrant mitigation. On behalf of the owner, LaBella notified the New York State Department of Environmental Conservation (NYSDEC) of the findings on June 25, 2024, and Spill No. 2402735 was assigned to the Site. NYSDEC requested indoor air sampling be conducted to evaluate air quality within the structure, recognizing that this sampling would be performed outside of the heating season, which is when indoor air sampling should be conducted to be consistent with NYS Department of Health (NYSDOH) guidance. Steps were immediately taken to initiate that effort and this letter-report summarizes the results of the investigation.

The Site consists of a two-story brick building with a small partial basement in the northwestern building footprint and finished attic. Based on available information, it appears the original two-story residence was expanded prior to 1950 for commercial use, with additions on both the first and second floor. The building is currently comprised of three (3) first/ground floor tenant spaces (Gladmore Cleaners, New Nelly Restaurant, and Twisted Soul Desserts), two vacant commercial units on the second floor, and a vacant unit in the finished attic on the third level.

SCOPE OF WORK

Indoor air quality (IAQ) sampling was performed between July 2 and 3, 2024 in accordance with LaBella’s “*Environmental Consulting Services and Indoor Air Sampling*” proposal dated June 26, 2024. The day before conducting the sampling, LaBella received floor plans that identified a

basement; this additional information warranted an adjustment to our sampling approach. LaBella reallocated a sample canister that was planned for use as a duplicate to be used to collect a basement air sample.

LaBella initially performed a walkthrough of the site to identify sample locations and potential interferences. Prior to sample collection, LaBella staff completed an inventory and monitored indoor air with a photoionization detector (PID) that presents readings in parts per billion (ppb). Results were recorded on the New York State Department of Health (NYSDOH) "Indoor Air Quality Questionnaire and Building Inventory" form, that is included as **Attachment 1**.

The highest PID readings (400 to 500 ppb) were detected in the general area of a 55-gallon drum of "Intense" brand alternative dry-cleaning solvent and related one-gallon soaps and detergents, and readings of 10 to 20 ppb were detected in the general area of 100-lb containers of "Nutra-Sour" powdered laundry sour and Tiger Comb Bleach products. LaBella reviewed the Safety Data Sheet (SDS) of the "Intense" brand solvent that confirmed the absence of PCE and its daughter products.

Observations made during the walkthrough and inventory were taken into consideration when selecting final sample locations. Locations avoided areas where the presence or use of oils and chemicals could potentially interfere with sample analysis and the laboratory's ability to achieve sufficiently low reporting limits.

LaBella staff collected a total of six (6) samples in 6-liter SUMMA®-type canisters equipped with 24-hour flow regulators, including five (5) indoor air (IA) samples and one (1) outdoor ambient (OA) air sample. Sample information is presented in the table below. Using Teflon-lined tubing, samples were collected three to five (3-5) feet above the floor surface to represent the breathing zone. Sample locations were spaced throughout the Site building to evaluate conditions in different tenant spaces, as described in the following table. No sample was collected in the finished attic space.

Sample ID	Sample Type	Tenant Space	Building Level
50Ray-B	Indoor Air	Beneath New Nelly Restaurant	Basement
50Ray-A	Indoor Air	Gladmore Cleaners (Break Room)	First Floor
50Ray-C	Indoor Air	Twisted Soul Desserts	First Floor
50Ray-D	Indoor Air	New Nelly's Restaurant	First Floor
50Ray-E	Indoor Air	Former Tattoo Voodoo space	Second Floor (southern unit)
50Ray-F	Outdoor Air	N/A	Outdoor Air

To reduce the potential for sample interference over the 24-hour period, the OA canister was placed in the northern second-story unit near a north-facing window. LaBella extended Teflon tubing out the window down to a collection height of approximately six feet above the ground surface outside the Site building.

The six (6) samples were collected concurrently, and the flow valves were closed approximately 24 hours after initiating sample collection. Samples were submitted for analysis of Volatile Organic Compounds (VOCs) by EPA Method TO-15 under standard chain-of-custody procedures to York Analytical Laboratories, Inc. of Stratford, CT. Canisters were picked up at LaBella's Poughkeepsie office by laboratory courier and a rush (3-5 day) turnaround time was requested on the analysis. York Analytical Laboratories, Inc. is certified by the National Environmental Laboratory Accreditation Conference (NELAC) and holds certification in New York, New Jersey, Connecticut, and Pennsylvania.



LABORATORY ANALYTICAL RESULTS

The IAQ results, along with June 2024 sub-slab vapor results, were compared to the NYSDOH Decision Matrices as per their Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006, with amendments). The attached tables include a summary of the analytical results for the July IAQ sampling event, as well as the June 2024 sub-slab sampling event. Data is presented in **Table 1** (Decision Matrix Compounds only) and **Table 2** (Non-Matrix VOCs). Sample locations and a summary of PCE and TCE results are depicted on **Figure 1**, overlaid on a Site Plan provided to LaBella.

The analytical results for the July 2024 IAQ sampling reported VOCs above laboratory detection limits. The basement air sample (50Ray-B) exhibited PCE at 4.0 µg/m³ and TCE at 0.97 µg/m³. First floor IA concentrations of PCE ranged from 1.4 to 3.5 µg/m³ and TCE ranged from 0.17 to 1.2 µg/m³. PCE was reported at 0.69 µg/m³ on the second floor and TCE was not detected above method detection limits. Indoor air concentrations of PCE and TCE were less than their respective NYSDOH Air Guideline Values (AGVs), of 30 µg/m³ and TCE of 2 µg/m³, which were established to be protective of public health.

GBTS sample SV-01, closest to Raymond Avenue, also exhibited Benzene at elevated concentrations (950 µg/m³) where mitigation would be recommended; however, indoor air concentrations for Benzene were at or below background concentrations in outdoor air.

IAQ results reported the presence of 18 other compounds in indoor air that do not have associated NYSDOH guidance values. In general, these concentrations were relatively low and consistent with commercial conditions and/or outdoor air (background) concentrations. Of these compounds, acetone was the most elevated, with indoor air concentrations ranging from 14 to 310 µg/m³. The laboratory report identified acetone in the outdoor air sample (50Ray-F) at 9,300 µg/m³. Elevated acetone was also reported by Gallagher Bassett in sub-slab vapor sample SV-01 at 1,600 µg/m³. The source of the acetone cannot be confirmed; however, acetone is not listed in the ingredients section of the Safety Data Sheet for the Intense Solvent.

The full laboratory report is provided as **Attachment 2**.

DISCUSSION AND RECOMMENDATIONS

LaBella prepared a comparison of existing GBTS and LaBella data to NYSDOH guidance matrixes and the comparison indicates the following:

- Although indoor air concentrations of PCE and TCE were less than NYSDOH AGVs, sub-slab vapor results alone identified PCE and TCE at concentrations above “Mitigate” thresholds at the Site building. NYSDOH recommends mitigation for sites where TCE concentrations in sub-slab vapor are greater than 60 µg/m³ and PCE concentrations are greater than 1,000 µg/m³. Additionally, elevated concentrations of 1,1-Dichloroethylene (1,1-DCE) trigger a Mitigate recommendation.
- The concentrations in GBTS sample SV-01, closest to Raymond Avenue, identified Benzene at a concentration also warranting mitigation; however, this compound was not reported in indoor air above background levels. Spill #0209962 was reported at the site in 2003 for a release of 150 gallons of #2 fuel oil from a storage tank, which was subsequently closed. It is possible that petroleum VOCs are related to that spill.

Based on a review of the results, LaBella offers the following recommendations:



Since sub-slab vapor data identified concentrations of PCE and TCE above mitigation guidance values, LaBella recommends design and installation of a sub-slab depressurization system (SSDS) to eliminate the potential for soil vapor intrusion into the building and satisfy NYSDOH requirements.

- The extent of subsurface impacts related to historical release of dry-cleaning solvents is unknown; therefore, LaBella recommends submitting this report to NYSDEC and scheduling further discussion regarding appropriate next steps for Spill 2402735.

If you have any questions regarding this transmittal, please do not hesitate to contact me at (838) 946-5170.

Respectfully submitted,
LABELLA ASSOCIATES, D.P.C.



Caroline Bardwell
Sr. Project Manager

cc: Arlette St. Romain, LaBella

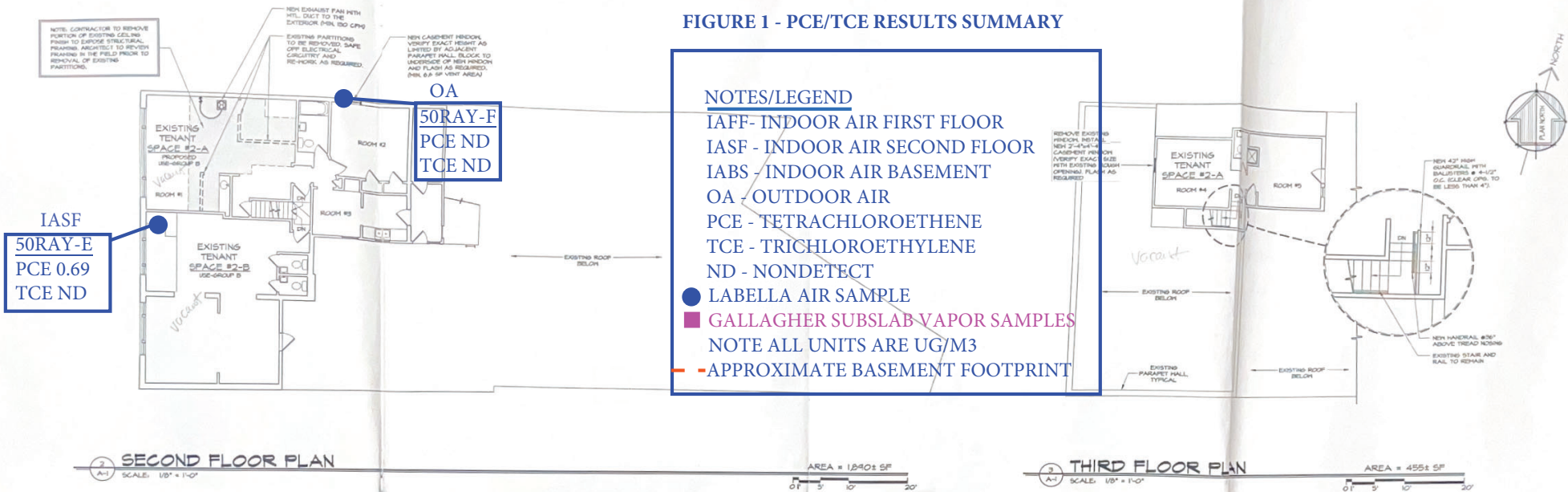
w/Attachments



Figure 1 PCE/TCE Results Summary



FIGURE 1 - PCE/TCE RESULTS SUMMARY



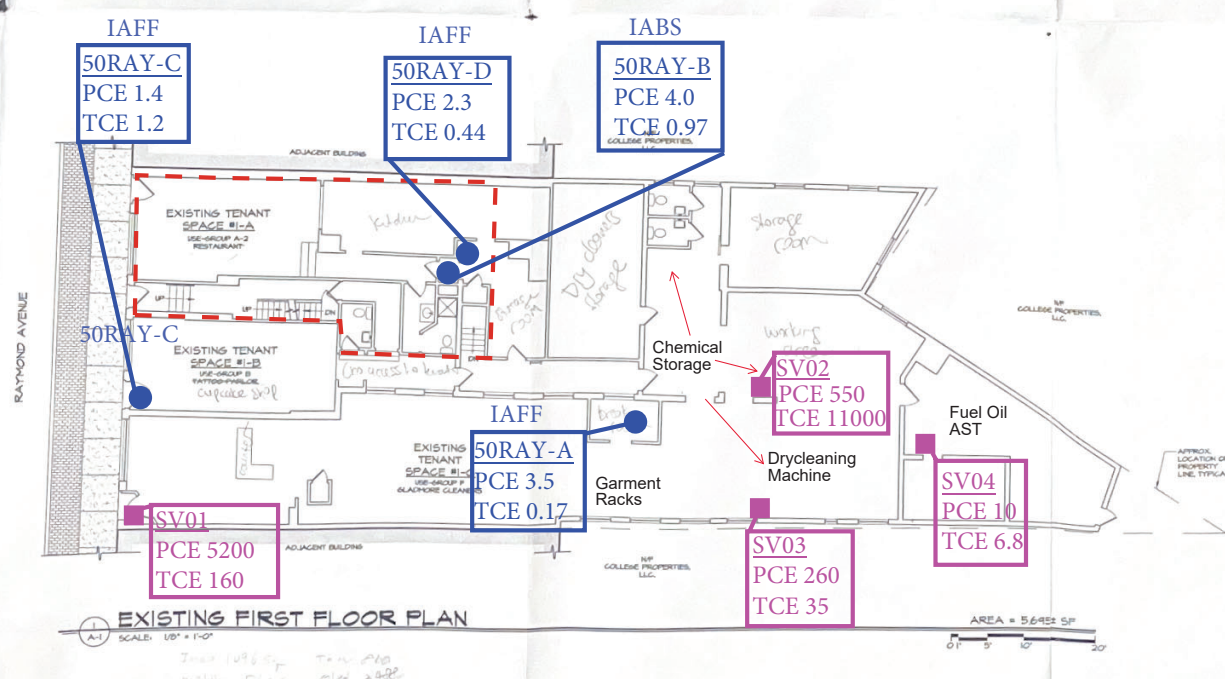
LIGHT / VENT ANALYSIS

CODE REQUIREMENTS:
 A. NATURAL LIGHTING = 88 OF OCCUPIED SPACE SQUARE FT.
 B. NATURAL VENTILATION = 88 OF OCCUPIED SPACE SQUARE FT.

ROOM / SQ. FT.	REQUIRED LIGHT	REQUIRED VENT	PROVIDED LIGHT	PROVIDED VENT
TENANT SPACE #2-A				
ROOM #1	316 SF	31.28	13.64	10.084 **
ROOM #2	184 SF	18.12	6.56	6.11 *
ROOM #3	60 SF	4.8	2.4	4.04
ROOM #4	141 SF	11.28	5.64	4.21 *
ROOM #5	154 SF	10.12	5.06	4.44 *

* REQUIRED LIGHTING TO BE SUPPLEMENTED BY ARTIFICIAL MEANS
 ** REQUIRED VENT TO BE SUPPLEMENTED BY MECHANICAL VENTILATION, SEE FLOOR PLAN.

- GENERAL NOTES**
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS.
 - CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT SITE PRIOR TO COMMENCEMENT OF WORK AND NOTIFY ARCHITECT OF DISCREPANCIES, IF ANY.
 - ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND ORDINANCES.
 - SUBCONTRACTORS SHALL COORDINATE THEIR WORK WITH ALL OTHER TRADES SO AS NOT TO CAUSE ANY UNNECESSARY DELAYS IN PROJECT.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR APPROVALS AND FINAL INSPECTIONS OF HIS WORK BY LOCAL BUILDING INSPECTOR.
 - CONTRACTOR SHALL OBTAIN CERTIFICATE OF OCCUPANCY UPON COMPLETION OF WORK OF ALL TRADES.
 - ALL WORK DONE SHALL BE OF THE QUALITY EXPECTED OF THE RESPECTIVE TRADES.
 - ALL EXISTING AREAS DAMAGED DUE TO REMOVALS OR NEW CONSTRUCTION SHALL BE PATCHED WITH MATERIALS SIMILAR TO EXISTING, TYPICAL.
 - CONTRACTOR SHALL PREPARE ALL SURFACES AND INSTALL ALL MATERIALS AS PER MANUFACTURER'S RECOMMENDATIONS.
 - ALL LUMBER USED SHALL BE OF GOOD QUALITY AND FREE OF ANY SPLITS, CHECKS OR WARPING.
 - ALL LUMBER SHALL BE CONSTRUCTION GRADE TO = 1005 p.s.f. PER.
 - ALL SELECTIONS OF MATERIALS, FINISHES, STAINS, COLORS ETC. SHALL BE BY OTHER UNLESS NOTED OTHERWISE.
 - ALL INSULATING MATERIALS MEET OR EXCEED ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE REQUIREMENTS.
 - ALL OPERABLE WINDOWS SHALL BE HEAVY-DUTY AND ALL GLASS INSULATING TYPE.
 - CONTRACTOR SHALL USE FINISH DIMENSIONS ONLY AND AT NO TIME SHALL HE SCALE THE DRAWINGS.
 - CONTRACTOR IS TO PROVIDE FIRE STOPPING AS PER THE BUILDING CODE OF NEW YORK STATE.
 - CONTRACTOR SHALL PROVIDE A WARRANTY TO THE OWNER THAT ALL WORK UNDER THIS CONTRACT SHALL BE FREE FROM ALL DEFECTS, BOTH IN MATERIALS & WORKMANSHIP, FOR A PERIOD OF ONE YEAR FROM FINAL COMPLETION AND / OR PAYMENT, WHICHEVER IS LATEST. THIS WARRANTY SHALL BE PRESENTED IN WRITING.



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 ARCHITECTURE + PLANNING
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TENANT ANALYSIS FOR:
KNC MANAGEMENT, INC.
 50 RAYMOND AVENUE
 Poughkeepsie, NY 12603

FLOOR PLANS & CHARTS

REVISION NO.	DATE
1	28 JUNE 09

DATE OF NEW YORK STATE: 09-01
 A-1

Analytical Summary Tables



Table 1: Summary of Matrix VOC Results in Indoor Air and Sub-slab Vapor
50 Raymond Ave
Poughkeepsie, NY

Sample Date	NYSDOH Matrix (1)	NYSDOH Sub-slab Vapor Matrix Values (3)	NYSDOH Indoor Air Matrix Values (2,3)	6/7/2024	6/7/2024	6/7/2024	6/7/2024	7/2/2024	7/2/2024	7/2/2024	7/2/2024	7/2/2024	7/2/2024
Tenant Location				Gladmore Cleaners	Gladmore Cleaners	Gladmore Cleaners	Gladmore Cleaners	Gladmore Cleaners	Basement Area	Desserts	Restaurant	Second Floor Area	Outdoor
Consultant				Gallagher Bassett	Gallagher Bassett	Gallagher Bassett	Gallagher Bassett	LaBella	LaBella	LaBella	LaBella	LaBella	LaBella
Sample Media				Sub-slab Vapor	Sub-slab Vapor	Sub-slab Vapor	Sub-slab Vapor	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Outdoor Air
Sample ID				SV-01	SV-02	SV-03	SV-04	50Ray-A	50Ray-B	50Ray-C	50Ray-D	50Ray-E	50Ray-F
Analyte	Units	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³
Carbon tetrachloride	Matrix A	< 6	< 0.2	23	4	0.46	0.47	0.35	0.4	0.37	0.46	0.37	0.35
Trichloroethylene		6 to 60	0.2 to 1.0	160	11000	35	6.8	0.17	0.97	1.2	0.44	ND at 0.11	ND at 0.12
1,1-Dichloroethylene		≥ 60	≥ 1.0	16	ND at 6.3	ND at 0.72	ND at 0.74	ND at 0.079	ND at 0.089	ND at 0.073	ND at 0.081	ND at 0.084	ND at 0.091
cis-1,2-Dichloroethylene				25	1800	2.7	14	ND at 0.079	ND at 0.089	ND at 0.073	ND at 0.081	ND at 0.084	ND at 0.091
1,1,1-Trichloroethane	Matrix B	< 100	< 3	33	ND at 8.7	ND at 0.99	ND at 1	0.43	ND at 0.49	ND at 0.40	ND at 0.45	ND at 0.58	ND at 0.50
Methylene Chloride		100 to 1000	3 to 10	19	ND at 11	ND at 1.3	ND at 1.3	0.69	0.87	0.97	2.5	0.85	ND at 0.64
Tetrachloroethylene		≥ 1000	≥ 10	5200	550	260	10	3.5	4	1.4	2.3	0.69	ND at 0.62
Vinyl Chloride		< 6	< 0.2	8.6	ND at 4.1	ND at 0.47	ND at 0.48	ND at 0.10	ND at 0.11	ND at 0.094	ND at 0.10	ND at 0.11	ND at 0.12
Benzenes	Matrix D	< 60 60 to 600 ≥ 600	< 2 ≥ 2	950	ND at 5.1	0.64	0.66	0.28	0.32	0.31	0.97	ND at 0.27	0.79
Ethylbenzene				290	58	83	2.4	ND at 0.35	ND at 0.39	1.9	1.8	0.59	1.4
Naphthalene				ND at 93	ND at 84	ND at 9.5	ND at 9.8	ND at 0.83	ND at 0.94	ND at 0.77	1.8	ND at 0.89	1.2
Cyclohexane				42	ND at 5.5	2.1	ND at 0.64	ND at 0.27	ND at 0.31	0.3	ND at 0.28	ND at 0.29	ND at 0.32
Isocetane (2,2,4-Trimethylpentane)				33.2	3.73	3.15	0.524	0.3	0.25	0.41	0.57	0.32	2.1
1,2,4-Trimethylbenzene				150	17	23	1.5	0.39	0.44	0.47	2.9	1.8	0.72
1,3,5-Trimethylbenzene				53	ND at 7.9	7.7	ND at 0.92	ND at 0.39	ND at 0.44	ND at 0.36	1	0.66	ND at 0.45
o-Xylene				180	56	78	1.3	0.35	0.43	1.5	3.2	1.3	1.8
m,p-Xylenes	Matrix E	< 200	< 6	590	210	320	3.4	0.79	1.2	5.2	8.4	2.7	6
Heptane		200 to 2000	> 20	80	ND at 6.5	ND at 0.75	1	ND at 0.33	0.66	ND at 0.30	0.87	ND at 0.35	ND at 0.38
Hexane		≥ 2000		110	ND at 5.6	ND at 0.64	1.2	ND at 0.28	ND at 0.32	ND at 0.26	0.58	ND at 0.30	0.74
Toluene	Matrix F	< 300 300 to 3000 ≥ 3000	< 10 > 50	290	ND at 6	3.8	3	0.87	13	1.4	2.8	0.92	6.1

Notes:

Concentrations in micrograms per cubic meter (ug/m³)

"ND" indicates the concentration was not detected above the reporting limit

(1) *New York State Department of Health (NYSDOH), Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, October 2006 and subsequent updates. [Note: This Guidance uses a combination of indoor air and sub-slab soil vapor when comparing to the matrices. In addition, for compounds not listed in the matrices an overall site approach is employed which utilizes the USEPA BASE Database (see 2. below) as typical background for commercial buildings and also uses the outdoor air sample, refer to Guidance document for details.]

(2) USEPA Building Assessment and Survey Evaluation (BASE) Database (90th Percentile). As recommended in Section 3.2.4 of the NYSDOH Guidance (Refer to Footnote "1") this database is referenced for the indoor air sampling results. This database is also referenced to provide initial benchmarks for comparison to the air sampling data and does not represent regulatory standards or compliance values.

(3) Values obtained from NYSDOH, Guidance for Evaluating Soil Vapor Intrusion in the State of New York, updated February 2024. Recommended action depends on comparison of both sub-slab and indoor air results to matrices.

NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York , May 2017/February 2024 Decision Matrices Notes:

MONITOR:

NYSDOH recommends monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommend to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building-, and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

MITIGATE:

NYSDOH recommends mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

--Note that results in unshaded cells are designated "No Further Action" recommended to address human exposure for that compound in that location; however, results from other locations in the same building may yield other recommendations.

Table 2: Summary of Non-Matrix VOC Results

50 Raymond Ave
Poughkeepsie, NY

Sample Date	June 2024	June 2024	June 2024	June 2024	July 2024	July 2024	July 2024	July 2024	July 2024	July 2024
Tenant Location	Gladmore Cleaners	Gladmore Cleaners	Gladmore Cleaners	Gladmore Cleaners	Gladmore Cleaners	Basement Area	Twisted Soul	New Nelly's	Second Floor	Outdoors
Consultant	Gallagher Bassett	Gallagher Bassett	Gallagher Bassett	Gallagher Bassett	LaBella	LaBella	LaBella	LaBella	LaBella	LaBella
Sample Media	Sub-slab Vapor	Sub-slab Vapor	Sub-slab Vapor	Sub-slab Vapor	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Outdoor Air
Sample ID	SV-01	SV-02	SV-03	SV-4	50Ray-A	50Ray-B	50Ray-C	50Ray-D	50Ray-E	50Ray-F
Analyte	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³
Dichlorodifluoromethane (CFC 12)	9.7	ND at 7.9	2.3	3.1	2.4	2.6	2.4	2.6	2.6	2.3
Chloromethane	8.1	ND at 3.3	0.86	2.5	1.1	1.3	1.1	2.6	1.2	4.8
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND at 12	ND at 11	ND at 1.3	ND at 1.3	ND at 0.56	ND at 0.63	ND at 0.52	ND at 0.57	ND at 0.59	ND at 0.64
1,3-Butadiene	14	ND at 11	ND at 1.2	ND at 1.2	ND at 0.53	ND at 0.60	ND at 0.49	ND at 0.54	ND at 0.56	ND at 0.61
Bromomethane	20	ND at 6.2	ND 0.71	ND at 0.73	ND at 0.31	ND at 0.35	ND at 0.29	ND at 0.32	0.39	ND at 0.36
Chloroethane	8.9	ND at 4.2	ND at 0.48	ND at 0.49	ND at 0.21	ND at 0.24	ND at 0.19	ND at 0.22	ND at 0.22	ND at 0.24
Acetone	1600	140	17	35	14	14	210	260	190	9300
Trichlorofluoromethane (CFC 11)	37	ND at 9	1.4	1.9	1.3	2.4	1.2	1.9	1.4	1.2
2-Propanol (Isopropanol)	21	ND at 7.9	1.8	3.6	2.3	1.4	4.8	6.7	10	22
Trichlorotrifluoroethane (CFC 113)	27	ND at 12	ND at 1.4	ND at 1.4	ND at 0.61	ND at 0.69	ND at 0.57	ND at 0.63	ND at 0.65	ND at 0.70
Carbon Disulfide	24	17	ND at 0.57	ND at 0.58	ND at 0.25	ND at 0.28	ND at 0.23	ND at 0.26	ND at 0.26	0.66
trans-1,2-dichloroethylene	20	12	ND at 0.72	ND at 0.74	ND at 0.32	ND at 0.36	ND at 0.29	ND at 0.32	ND at 0.34	ND at 0.36
1,1-Dichloroethane	19	ND at 6.5	ND at 0.74	ND at 0.76	ND at 0.32	ND at 0.36	ND at 0.30	ND at 0.33	ND at 0.24	ND at 0.37
Methyl tert-butyl ether	13	ND at 5.8	ND at 0.66	ND at 0.67	ND at 0.29	ND at 0.32	ND at 0.27	ND at 0.30	ND at 0.3	ND at 0.33
Vinyl Acetate	8.1	ND at 5.6	ND at 0.64	ND at 0.66	ND at 0.28	ND at 0.32	ND at 0.26	ND at 0.29	ND at 0.3	ND at 0.32
2-Butanone (Methyl Ethyl Ketone)	73	6.1	7.7	1.7	1.8	6.7	3.1	6.3	2.0	20
Ethyl Acetate	18	ND at 12	ND at 1.3	ND at 1.3	ND at 0.57	1.1	3.9	9.6	ND at 0.61	1.3
Chloroform	220	50	12	ND at 0.91	ND at 0.39	ND at 0.44	0.65	0.6	0.41	ND at 0.45
Tetrahydrofuran (THF)	26	ND at 9.4	ND at 1.1	ND at 1.1	ND at 0.47	ND at 0.53	ND at 0.44	ND at 0.48	ND at 0.50	3.7
1,2-Dichloroethane	17	ND at 6.5	ND at 0.74	ND at 0.76	ND at 0.32	0.47	5.4	0.36	ND at 0.34	ND at 0.37
1,2-Dichloropropane	20	ND at 7.4	ND at 0.84	ND at 0.86	ND at 0.37	ND at 0.41	ND at 0.34	ND at 0.38	ND at 0.39	ND at 0.42
Bromodichloromethane	56	ND at 11	ND at 1.2	ND at 1.3	ND at 0.53	ND at 0.60	ND at 0.49	ND at 0.55	ND at 0.57	ND at 0.61
1,4-Dioxane	13	ND at 12	ND at 1.3	ND at 1.3	ND at 0.57	ND at 0.65	ND at 0.53	ND at 0.59	ND at 0.61	ND at 0.66
cis-1,3-Dichloropropene	16	ND at 7.2	ND at 0.83	ND at 0.85	ND at 0.41	ND at 0.41	ND at 0.33	ND at 0.37	ND at 0.38	ND at 0.42
4-Methyl-2-Pentanone	29	ND at 6.5	0.97	ND at 0.77	0.55	0.44	0.51	0.60	0.35	ND at 0.38
trans-1,3-Dichloropropene	15	ND at 7.2	ND at 0.83	ND at 0.85	ND at 0.36	ND at 0.41	ND at 0.33	ND at 0.37	ND at 0.38	ND at 0.42
1,1,2-Trichloroethane	21	9.6	ND at 0.99	ND at 1	ND at 0.43	ND at 0.49	ND at 0.40	ND at 0.45	ND at 0.46	ND at 0.50
2-Hexanone	31	ND at 13	1.8	ND at 1.5	ND at 0.65	ND at 0.74	ND at 0.60	1.3	ND at 0.69	1.9
Dibromochloromethane	38	ND at 14	ND at 1.6	ND at 1.6	ND at 0.68	ND at 0.76	ND at 0.63	ND at 0.70	ND at 0.72	ND at 0.78
1,2-Dibromoethane	30	ND at 12	ND at 1.4	ND at 1.4	ND at 0.61	ND at 0.69	ND at 0.57	ND at 0.63	ND at 0.65	ND at 0.70
Chlorobenzene	20	ND at 7.4	ND at 0.84	ND at 0.86	ND at 0.37	ND at 0.41	ND at 0.34	ND at 0.38	ND at 0.39	0.35
Bromoform	33	ND at 17	ND at 1.9	ND at 1.9	ND at 0.82	ND at 0.93	ND at 0.76	ND at 0.32	ND at 0.87	ND at 0.95
Styrene	27	ND at 6.8	3.3	ND at 0.8	ND at 0.34	ND at 0.38	0.97	0.49	ND at 0.36	2.0
1,1,2,2-Tetrachloroethane	32	ND at 11	ND at 1.2	ND at 1.3	ND at 0.55	ND at 0.62	ND at 0.51	ND at 0.56	ND at .058	ND at 0.63
4-Ethyltoluene	140	15	17	1.4	ND at 0.39	ND at 0.44	ND at 0.36	1.0	1.5	0.59
Benzyl Chloride	35	ND at 8.3	ND at 0.94	ND at 0.97	ND at 0.41	ND at 0.46	ND at 0.38	ND at 0.49	ND at 0.44	5.5
1,3-Dichlorobenzene	25	ND at 9.6	ND at 1.1	ND at 1.1	ND at 0.53	ND at 0.54	ND at 0.44	ND at 0.49	ND at 0.51	ND at 0.55
1,4-Dichlorobenzene	25	ND at 9.6	ND at 1.1	ND at 1.1	ND at 0.48	0.97	ND at 0.44	0.94	ND at 0.51	ND at 0.55
1,2-Dichlorobenzene	25	ND at 9.6	ND at 1.1	ND at 1.1	ND at 0.48	ND at 0.54	ND at 0.44	ND at 0.49	ND at 0.51	ND at 0.55
1,2,4-Trichlorobenzene	21	ND at 12	ND at 1.4	ND at 1.4	ND at 0.59	ND at 0.67	ND at 0.55	ND at 0.61	ND at 0.63	ND at 0.68
Hexachlorobutadiene	38	ND at 17	ND at 1.9	ND at 2	ND at 0.85	ND at 0.96	ND at 0.79	ND at 0.87	1.6	ND at 0.98

Notes:

"ND" indicates the concentration was not detected above the reporting limit

Attachment 1
NYSDOH SVI Questionnaire
and Building Inventory





Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: 50 Raymond Ave - Gladmore Cleaners Site Code: SPL#2402735 Operable Unit:

Building Code: Building Name: 50 Raymond Ave.

Address: 50 Raymond Ave Apt/Suite No:

City: Town of Poughkeepsie State: NY Zip: 12603 County: Dutchess

Contact Information

Preparer's Name: Michael O'Neill Phone No: (845) 486-1576

Preparer's Affiliation: LaBella Associates Company Code:

Purpose of Investigation: Indoor Air Quality Inspection Date of Inspection: Jul 1, 2024

Contact Name: Sarah Chung Affiliation: OWNER

Phone No: (845) 471-7788 Alt. Phone No: (845) 452-2350 Email: sarah.chung7@gmail.com

Number of Occupants (total): 3 Number of Children: 0

☒ Occupant Interviewed? ☒ Owner Occupied? ☒ Owner Interviewed?

Owner Name (if different): Owner Phone:

Owner Mailing Address:

Building Details

Bldg Type (Res/Com/Ind/Mixed): COMMERCIAL/MIXED Bldg Size (S/M/L): MEDIUM

If Commercial or Industrial Facility, Select Operations:
DRY CLEANER

If Residential Select Structure Type:

Number of Floors: 2 Approx. Year Construction: 1900 ☒ Building Insulated? ☐ Attached Garage?

Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests):
High airflow between basement and first floor (no door between floors). High outdoor air infiltration (customers in and out, some open windows during hot temperatures).

Foundation Description

Foundation Type: BASEMENT Foundation Depth (bgs): 8 Unit: FEET

Foundation Floor Material: POURED CONCRETE Foundation Floor Thickness: Unit: INCHES

Foundation Wall Material: LAID-UP STONE Foundation Wall Thickness: Unit:

☐ Floor penetrations? Describe Floor Penetrations:

☐ Wall penetrations? Describe Wall Penetrations:

Basement is: UNFINISHED Basement is: DRY ☐ Sumps/Drains? Water In Sump?:

Describe Foundation Condition (cracks, seepage, etc.) : None observed

☐ Radon Mitigation System Installed? ☐ VOC Mitigation System Installed? ☐ Mitigation System On?

Heating/Cooling/Ventilation Systems

Heating System: HOT WATER BASEBOARD Heat Fuel Type: GAS ☐ Central A/C Present?

Vented Appliances

Water Heater Fuel Type: OIL Clothes Dryer Fuel Type: ELECTRIC

Water Htr Vent Location: OUTSIDE Dryer Vent Location: OUTSIDE



Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

PRODUCT INVENTORY

Building Name: 50 Raymond Ave. Bldg Code: Date: Jul 1, 2024

Bldg Address: 50 Raymond Ave Apt/Suite No:

Bldg City/State/Zip: Town of Poughkeepsie NY, 12603

Make and Model of PID: RAE ppbRae 3000 PID Date of Calibration:

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
Dry Cleaner	Intense Dry Cleaning solvent	55gal	Used	Halogen-Free Solvent	400-500	☐
Dry Cleaner	Hand soaps/Detergents/Cleaners	1galx5	Used	See Photos	400-500	☐
Dry Cleaner	Paints	5galx10	Used	Titanium Dioxide	0.0	☒
Dry Cleaner	Hydrocarbon Filter Disposal	30gal	Used	Unknown	0.0	☐
Dry Cleaner	Nutra-Sour Laundry Neutralizer	100lb	Deteriorated	Fluorine Compounds	10-20	☐
Dry Cleaner	WD-40	12oz	Used	Naphtha, hydrotreated heavy, petroleum based oils, hydrodesulfurized heavy, 1,2,4-trimethyl benzene, 1,3,5-trimethyl benzene	0.0	☒
Dry Cleaner	Bug Spray	1L	Used	Natural ingredients, Fish Meal, Egg solids, garlic oil, magnesium silicate, magnesium sulfate, sodium benzoate	0.0	☐
Dry Cleaner	Liquid Cement	16oz	Used	Methyl Ethyl Ketone, ABS Resin, Acetone	0.0	☒
Dry Cleaner	Sulphur-Lard Cutting Oil	32oz	Deteriorated	Petroleum Hydrocarbon Mixture	0.0	☐
Dry Cleaner	Air Tool Lubricating Oil	16oz	Used	Distillate (petroleum), hydrotreated heavy naphthenic	0.0	☐
Twisted Soul	Spray Paint	12ozX3	Used	Titanium dioxide, Aluminum hydroxide, Cristobalite, silicon dioxide	0.0	☒
New Nelly Res	Degreaser	32oz	Unopened	Butyl Carbitol, Alcohol Ethoxylate, Sodium Metasilicate, Terasodium Edta	0.0	☐
						☐
						☐
						☐
						☐

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Product Inventory Complete? ☐ Yes Were there any elevated PID readings taken on site? ☐ Yes ☒ Products with COC?



Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: 50 Raymond Ave - Gladmore Cleaners Site Code: SPL#2402735 Operable Unit: _____

Building Code: _____ Building Name: 50 Raymond Ave.

Address: 50 Raymond Ave Apt/Suite No: _____

City: Town of Poughkeepsie State: NY Zip: 12603 County: Dutchess

Factors Affecting Indoor Air Quality

Frequency Basement/Lowest Level is Occupied?: ALMOST NEVER Floor Material: CEMENT

☐ Inhabited? ☐ HVAC System On? ☐ Bathroom Exhaust Fan? ☐ Kitchen Exhaust Fan?

Alternate Heat Source: NONE ☐ Is there smoking in the building?

☐ Air Fresheners? Description/Location of Air Freshener: _____

☒ Cleaning Products Used Recently?: Description of Cleaning Products: Bleach, Windex, Weekly Cleaning

☐ Cosmetic Products Used Recently?: Description of Cosmetic Products: _____

☐ New Carpet or Furniture? Location of New Carpet/Furniture: _____

☒ Recent Dry Cleaning? Location of Recently Dry Cleaned Fabrics: Dry Cleaning Facility

☐ Recent Painting/Staining? Location of New Painting: _____

☒ Solvent or Chemical Odors? Describe Odors (if any): Dry Cleaning solvents

☒ Do Any Occupants Use Solvents At Work? If So, List Solvents Used: Dry Cleaning Solvents

☐ Recent Pesticide/Rodenticide? Description of Last Use: _____

Describe Any Household Activities (chemical use,/storage, unvented appliances, hobbies, etc.) That May Affect Indoor Air Quality:

Southern first floor unit is Gladmore Dry Cleaning, which operates a Seitz Intense brand Dry Cleaning machine.

☐ Any Prior Testing For Radon? If So, When?: _____

☒ Any Prior Testing For VOCs? If So, When?: Sub-slab testing in June 📅

Sampling Conditions

Weather Conditions: SUNNY Outdoor Temperature: 75 °F

Current Building Use: DRY CLEANER Barometric Pressure: _____ in(hg)

Product Inventory Complete? Yes ☒ Building Questionnaire Completed?



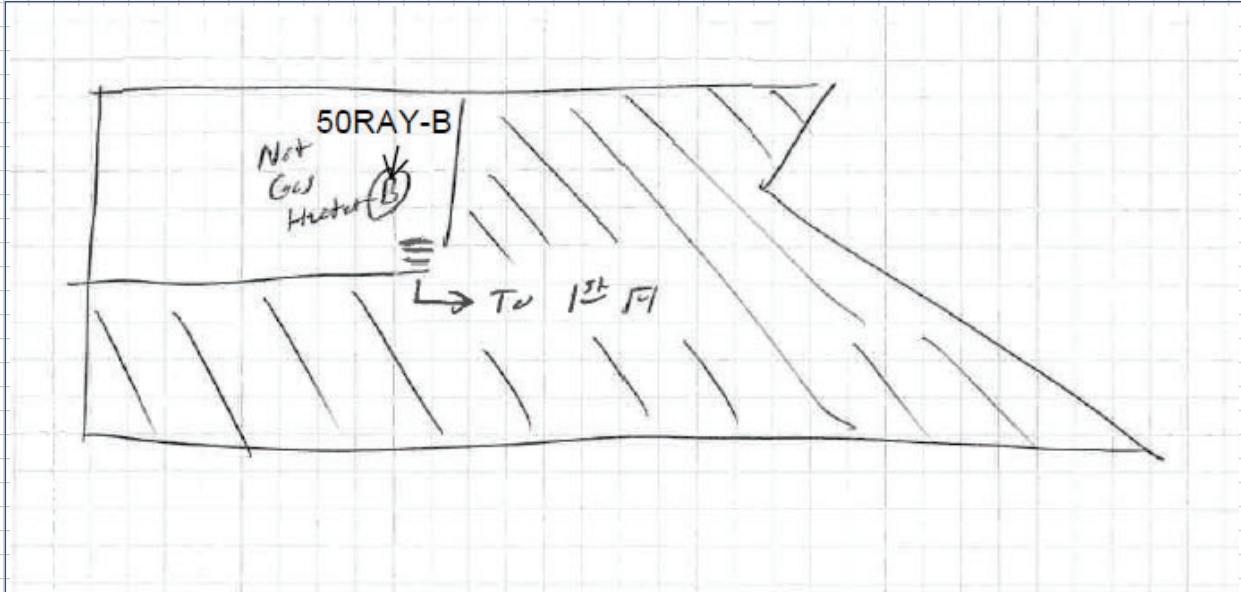
Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

LOWEST BUILDING LEVEL LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the lowest building level .
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image

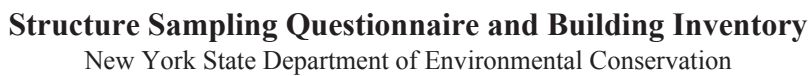


Design Sketch

Design Sketch Guidelines and Recommended Symbolology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or F	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	xxxxxxx	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	#####	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.



Please click the box with the blue border below to upload a sketch of the first floor of the building. The sketch should be in a standard image format (.jpg, .png, .tiff)

EXISTING FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

AREA: 5,649 SF

Legend:

- IAFF**: Industrial Air Filtration Fan
- IABS**: Industrial Air Bypass System
- SV01, SV02, SV03, SV04**: Storage Vents
- PCE**: Process Control Equipment
- TCE**: Temperature Control Equipment

Room Details:

- EXISTING TENANT SPACE #1A**: USE GROUP A-7 RESTAURANT
- EXISTING TENANT SPACE #1B**: USE GROUP B ENTERTAINMENT CUPOLA DIVE
- EXISTING TENANT SPACE #2**: USE GROUP B BLANKET CLEAN
- Dry Goods Storage**
- Chemical Storage**
- Fuel Oil AST**
- Drycleaning Machine**
- Garment Racks**

Equipment Locations:

- SV01**: PCE 5200, TCE 160
- SV02**: PCE 550, TCE 11000
- SV03**: PCE 260, TCE 35
- SV04**: PCE 10, TCE 6.8

Other Labels:

- RAYMOND AVENUE**
- ADJACENT BUILDING**
- COLUMBIAN UNIVERSITY, LLC**
- APPROX. LOCATION OF PROPERTY LINE, TYPICAL**

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or F	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	xxxxxxx	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	#####	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.



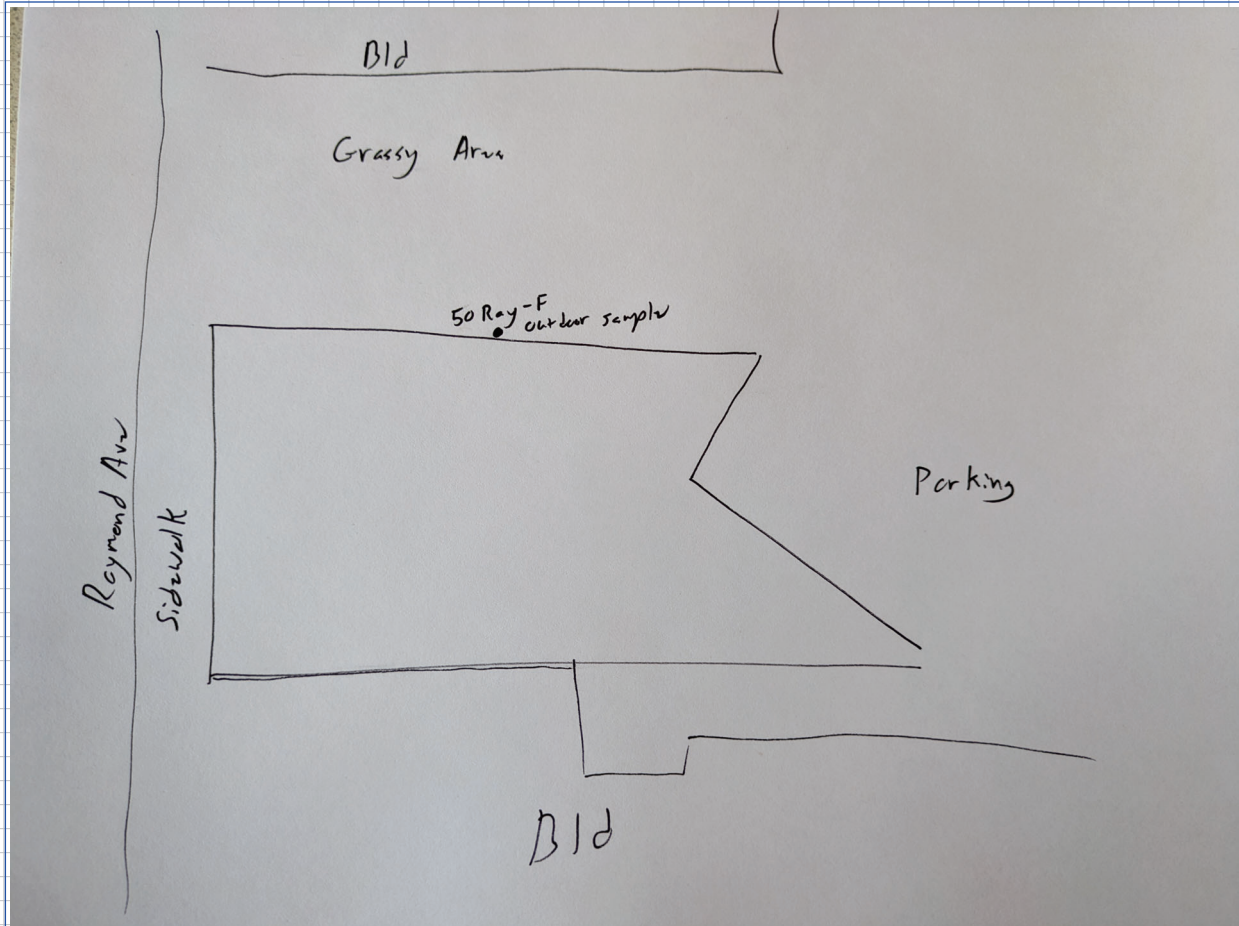
Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

OUTDOOR PLOT LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the outdoor plot of the building as well as the surrounding area. The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

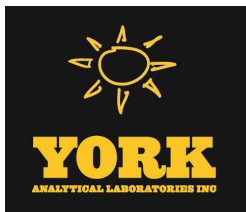
Design Sketch Guidelines and Recommended Symbolology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
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- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or F	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	xxxxxxx	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	#####	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Attachment 2 Laboratory Report





Technical Report

prepared for:

LaBella Associates (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Caroline Bardwell

Report Date: 07/10/2024

Client Project ID: 2243037 Gladmore Cleaners

York Project (SDG) No.: 24G0188

Revision No. 1.0

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/10/2024
Client Project ID: 2243037 Gladmore Cleaners
York Project (SDG) No.: 24G0188

LaBella Associates (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Caroline Bardwell

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 03, 2024 and listed below. The project was identified as your project: **2243037 Gladmore Cleaners**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24G0188-01	50Ray-A	Indoor Ambient Air	07/02/2024	07/03/2024
24G0188-02	50Ray-B	Indoor Ambient Air	07/02/2024	07/03/2024
24G0188-03	50Ray-C	Indoor Ambient Air	07/02/2024	07/03/2024
24G0188-04	50Ray-D	Indoor Ambient Air	07/02/2024	07/03/2024
24G0188-05	50Ray-E	Indoor Ambient Air	07/02/2024	07/03/2024
24G0188-06	50Ray-F	Outdoor Ambient Ai	07/02/2024	07/03/2024

General Notes for York Project (SDG) No.: 24G0188

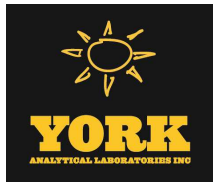
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 07/10/2024





Sample Information

Client Sample ID: 50Ray-A

York Sample ID: 24G0188-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0188

2243037 Gladmore Cleaners

Indoor Ambient Air

July 2, 2024 1:00 pm

07/03/2024

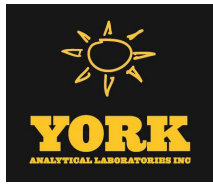
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.55	0.795	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 14:45	YR
71-55-6	1,1,1-Trichloroethane	0.43		ug/m ³	0.43	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.55	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.61	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.43	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.32	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.079	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-LCS -L, ICVE	ug/m ³	0.59	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
95-63-6	1,2,4-Trimethylbenzene	0.39		ug/m ³	0.39	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.61	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.48	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.32	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
78-87-5	1,2-Dichloropropane	ND	TO-LCS -L	ug/m ³	0.37	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.56	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.39	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	0.53	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.48	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
142-28-9	* 1,3-Dichloropropane	ND	TO-LCS -L	ug/m ³	0.37	0.795	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 14:45	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.48	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	0.57	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
540-84-1	* 2,2,4-Trimethylpentane	0.30		ug/m ³	0.19	0.795	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 14:45	YR



Sample Information

Client Sample ID: 50Ray-A

York Sample ID: 24G0188-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0188

2243037 Gladmore Cleaners

Indoor Ambient Air

July 2, 2024 1:00 pm

07/03/2024

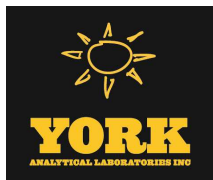
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	1.8		ug/m ³	0.23	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	0.65	0.795	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 14:45	YR
107-05-1	3-Chloropropene	ND		ug/m ³	1.2	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
108-10-1	4-Methyl-2-pentanone	0.55	TO-LCS -L	ug/m ³	0.33	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
67-64-1	Acetone	14		ug/m ³	0.38	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
107-13-1	Acrylonitrile	1.1		ug/m ³	0.17	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
71-43-2	Benzene	0.28		ug/m ³	0.25	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
100-44-7	Benzyl chloride	ND		ug/m ³	0.41	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	0.53	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
75-25-2	Bromoform	ND		ug/m ³	0.82	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
74-83-9	Bromomethane	ND		ug/m ³	0.31	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
75-15-0	Carbon disulfide	ND		ug/m ³	0.25	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
56-23-5	Carbon tetrachloride	0.35		ug/m ³	0.13	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.37	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
75-00-3	Chloroethane	ND		ug/m ³	0.21	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
67-66-3	Chloroform	ND		ug/m ³	0.39	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
74-87-3	Chloromethane	1.1		ug/m ³	0.16	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.079	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.36	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
110-82-7	Cyclohexane	ND		ug/m ³	0.27	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	0.68	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	0.39	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	0.57	0.795	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 14:45	YR



Sample Information

Client Sample ID: 50Ray-A

York Sample ID: 24G0188-01

York Project (SDG) No.
24G0188

Client Project ID
2243037 Gladmore Cleaners

Matrix
Indoor Ambient Air

Collection Date/Time
July 2, 2024 1:00 pm

Date Received
07/03/2024

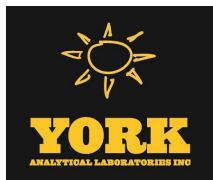
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/m ³	0.35	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
87-68-3	Hexachlorobutadiene	ND	TO-LCS -L, ICVE	ug/m ³	0.85	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
67-63-0	Isopropanol	2.3		ug/m ³	0.39	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.33	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.29	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
75-09-2	Methylene chloride	0.69		ug/m ³	0.55	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
91-20-3	* Naphthalene	ND	TO-LCS -L, ICVE	ug/m ³	0.83	0.795	EPA TO-15 Certifications: NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
142-82-5	n-Heptane	ND		ug/m ³	0.33	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
110-54-3	n-Hexane	ND		ug/m ³	0.28	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
95-47-6	o-Xylene	0.35		ug/m ³	0.35	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
179601-23-1	p- & m- Xylenes	0.79		ug/m ³	0.69	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.39	0.795	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 14:45	YR
115-07-1	* Propylene	ND		ug/m ³	0.14	0.795	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 14:45	YR
100-42-5	Styrene	ND		ug/m ³	0.34	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
127-18-4	Tetrachloroethylene	3.5		ug/m ³	0.54	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.47	0.795	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 14:45	YR
108-88-3	Toluene	0.87	TO-LCS -L	ug/m ³	0.30	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.32	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.36	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
79-01-6	Trichloroethylene	0.17	TO-LCS -L	ug/m ³	0.11	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.3		ug/m ³	0.45	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	0.28	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR



Sample Information

Client Sample ID: 50Ray-A

York Sample ID: 24G0188-01

York Project (SDG) No.
24G0188

Client Project ID
2243037 Gladmore Cleaners

Matrix
Indoor Ambient Air

Collection Date/Time
July 2, 2024 1:00 pm

Date Received
07/03/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m ³	0.35	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	0.10	0.795	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 14:45	YR

Sample Information

Client Sample ID: 50Ray-B

York Sample ID: 24G0188-02

York Project (SDG) No.
24G0188

Client Project ID
2243037 Gladmore Cleaners

Matrix
Indoor Ambient Air

Collection Date/Time
July 2, 2024 1:00 pm

Date Received
07/03/2024

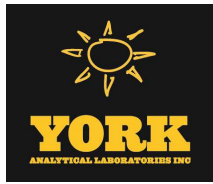
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.62	0.898	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 15:44	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.49	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.62	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.69	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.49	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.36	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.089	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-LCS -L	ug/m ³	0.67	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
95-63-6	1,2,4-Trimethylbenzene	0.44		ug/m ³	0.44	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.69	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.54	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
107-06-2	1,2-Dichloroethane	0.47		ug/m ³	0.36	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
78-87-5	1,2-Dichloropropane	ND	TO-LCS -L	ug/m ³	0.41	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR



Sample Information

Client Sample ID: 50Ray-B

York Sample ID: 24G0188-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0188

2243037 Gladmore Cleaners

Indoor Ambient Air

July 2, 2024 1:00 pm

07/03/2024

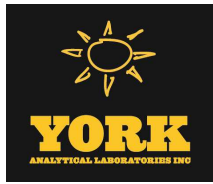
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.63	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.44	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	0.60	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.54	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
142-28-9	* 1,3-Dichloropropane	ND	TO-LCS -L	ug/m ³	0.41	0.898	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 15:44	YR
106-46-7	1,4-Dichlorobenzene	0.97		ug/m ³	0.54	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	0.65	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
540-84-1	* 2,2,4-Trimethylpentane	0.25		ug/m ³	0.21	0.898	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 15:44	YR
78-93-3	2-Butanone	6.7		ug/m ³	0.26	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	0.74	0.898	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 15:44	YR
107-05-1	3-Chloropropene	ND		ug/m ³	1.4	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
108-10-1	4-Methyl-2-pentanone	0.44	TO-LCS -L	ug/m ³	0.37	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
67-64-1	Acetone	14		ug/m ³	0.43	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
107-13-1	Acrylonitrile	ND		ug/m ³	0.19	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
71-43-2	Benzene	0.32		ug/m ³	0.29	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
100-44-7	Benzyl chloride	ND		ug/m ³	0.46	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	0.60	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
75-25-2	Bromoform	ND		ug/m ³	0.93	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
74-83-9	Bromomethane	ND		ug/m ³	0.35	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
75-15-0	Carbon disulfide	ND		ug/m ³	0.28	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
56-23-5	Carbon tetrachloride	0.40		ug/m ³	0.14	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.41	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
75-00-3	Chloroethane	ND		ug/m ³	0.24	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR



Sample Information

Client Sample ID: 50Ray-B

York Sample ID: 24G0188-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0188

2243037 Gladmore Cleaners

Indoor Ambient Air

July 2, 2024 1:00 pm

07/03/2024

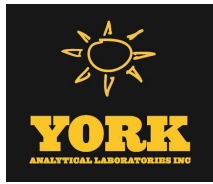
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/m ³	0.44	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
74-87-3	Chloromethane	1.3		ug/m ³	0.19	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.089	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.41	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
110-82-7	Cyclohexane	ND		ug/m ³	0.31	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	0.76	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
75-71-8	Dichlorodifluoromethane	2.6		ug/m ³	0.44	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
141-78-6	* Ethyl acetate	1.1		ug/m ³	0.65	0.898	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 15:44	YR
100-41-4	Ethyl Benzene	ND		ug/m ³	0.39	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
87-68-3	Hexachlorobutadiene	ND	ICVE, TO-LCS	ug/m ³	0.96	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
67-63-0	Isopropanol	1.4	-L	ug/m ³	0.44	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.37	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.32	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
75-09-2	Methylene chloride	0.87		ug/m ³	0.62	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
91-20-3	* Naphthalene	ND	ICVE, TO-LCS	ug/m ³	0.94	0.898	EPA TO-15 Certifications: NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
142-82-5	n-Heptane	0.66		ug/m ³	0.37	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
110-54-3	n-Hexane	ND		ug/m ³	0.32	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
95-47-6	o-Xylene	0.43		ug/m ³	0.39	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
179601-23-1	p- & m- Xylenes	1.2		ug/m ³	0.78	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.44	0.898	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 15:44	YR
115-07-1	* Propylene	ND		ug/m ³	0.15	0.898	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 15:44	YR
100-42-5	Styrene	ND		ug/m ³	0.38	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR



Sample Information

Client Sample ID: 50Ray-B

York Sample ID: 24G0188-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0188

2243037 Gladmore Cleaners

Indoor Ambient Air

July 2, 2024 1:00 pm

07/03/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	4.0		ug/m³	0.61	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.53	0.898	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 15:44	YR
108-88-3	Toluene	13	TO-LCS -L	ug/m³	0.34	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.36	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.41	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
79-01-6	Trichloroethylene	0.97	TO-LCS -L	ug/m³	0.12	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
75-69-4	Trichlorofluoromethane (Freon 11)	2.4		ug/m³	0.50	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m³	0.32	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.39	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.898	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 15:44	YR

Sample Information

Client Sample ID: 50Ray-C

York Sample ID: 24G0188-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0188

2243037 Gladmore Cleaners

Indoor Ambient Air

July 2, 2024 1:00 pm

07/03/2024

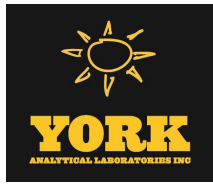
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.51	0.738	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 16:43	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.40	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.51	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.57	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.40	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.30	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR



Sample Information

Client Sample ID: 50Ray-C

York Sample ID: 24G0188-03

York Project (SDG) No.

24G0188

Client Project ID

2243037 Gladmore Cleaners

Matrix

Indoor Ambient Air

Collection Date/Time

July 2, 2024 1:00 pm

Date Received

07/03/2024

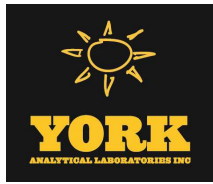
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.073	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-LCS -L	ug/m ³	0.55	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
95-63-6	1,2,4-Trimethylbenzene	0.47		ug/m ³	0.36	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.57	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.44	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
107-06-2	1,2-Dichloroethane	5.4		ug/m ³	0.30	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
78-87-5	1,2-Dichloropropane	ND	TO-LCS -L	ug/m ³	0.34	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.52	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.36	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	0.49	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.44	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
142-28-9	* 1,3-Dichloropropane	ND	TO-LCS -L	ug/m ³	0.34	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.44	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	0.53	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
540-84-1	* 2,2,4-Trimethylpentane	0.41		ug/m ³	0.17	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
78-93-3	2-Butanone	3.1		ug/m ³	0.22	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
591-78-6	* 2-Hexanone	ND		ug/m ³	0.60	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
107-05-1	3-Chloropropene	ND		ug/m ³	1.2	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
108-10-1	4-Methyl-2-pentanone	0.51	TO-LCS -L	ug/m ³	0.30	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
67-64-1	Acetone	210		ug/m ³	2.6	5.544	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/08/2024 15:47	LT
67-64-1	Acetone	310	E	ug/m ³	0.35	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
107-13-1	Acrylonitrile	ND		ug/m ³	0.16	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR



Sample Information

Client Sample ID: 50Ray-C

York Sample ID: 24G0188-03

York Project (SDG) No.

24G0188

Client Project ID

2243037 Gladmore Cleaners

Matrix

Indoor Ambient Air

Collection Date/Time

July 2, 2024 1:00 pm

Date Received

07/03/2024

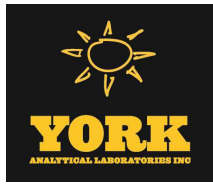
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	0.31		ug/m ³	0.24	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
100-44-7	Benzyl chloride	ND		ug/m ³	0.38	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	0.49	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
75-25-2	Bromoform	ND		ug/m ³	0.76	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
74-83-9	Bromomethane	ND		ug/m ³	0.29	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
75-15-0	Carbon disulfide	ND		ug/m ³	0.23	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
56-23-5	Carbon tetrachloride	0.37		ug/m ³	0.12	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.34	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
75-00-3	Chloroethane	ND		ug/m ³	0.19	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
67-66-3	Chloroform	0.65		ug/m ³	0.36	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
74-87-3	Chloromethane	1.1		ug/m ³	0.15	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.073	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.33	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
110-82-7	Cyclohexane	0.30		ug/m ³	0.25	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	0.63	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	0.36	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
141-78-6	* Ethyl acetate	3.9		ug/m ³	0.53	0.738	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 16:43	YR
100-41-4	Ethyl Benzene	1.9		ug/m ³	0.32	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
87-68-3	Hexachlorobutadiene	ND	ICVE, TO-LCS -L	ug/m ³	0.79	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
67-63-0	Isopropanol	4.8		ug/m ³	0.36	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.30	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.27	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR



Sample Information

Client Sample ID: 50Ray-C

York Sample ID: 24G0188-03

York Project (SDG) No.

24G0188

Client Project ID

2243037 Gladmore Cleaners

Matrix

Indoor Ambient Air

Collection Date/Time

July 2, 2024 1:00 pm

Date Received

07/03/2024

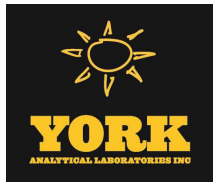
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	0.97		ug/m ³	0.51	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
91-20-3	* Naphthalene	ND	ICVE, TO-LCS -L	ug/m ³	0.77	0.738	EPA TO-15 Certifications: NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
142-82-5	n-Heptane	ND		ug/m ³	0.30	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
110-54-3	n-Hexane	ND		ug/m ³	0.26	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
95-47-6	o-Xylene	1.5		ug/m ³	0.32	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
179601-23-1	p- & m- Xylenes	5.2		ug/m ³	0.64	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.36	0.738	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 16:43	YR
115-07-1	* Propylene	ND		ug/m ³	0.13	0.738	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 16:43	YR
100-42-5	Styrene	0.97		ug/m ³	0.31	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
127-18-4	Tetrachloroethylene	1.4		ug/m ³	0.50	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.44	0.738	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 16:43	YR
108-88-3	Toluene	1.4	TO-LCS -L	ug/m ³	0.28	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.29	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.33	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
79-01-6	Trichloroethylene	1.2	TO-LCS -L	ug/m ³	0.099	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		ug/m ³	0.41	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	0.26	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.32	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	0.094	0.738	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 16:43	YR



Sample Information

Client Sample ID: 50Ray-D

York Sample ID: 24G0188-04

York Project (SDG) No.

24G0188

Client Project ID

2243037 Gladmore Cleaners

Matrix

Indoor Ambient Air

Collection Date/Time

July 2, 2024 1:00 pm

Date Received

07/03/2024

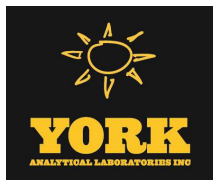
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.56	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.45	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.56	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.63	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.45	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.33	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.081	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-LCS -L	ug/m ³	0.61	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
95-63-6	1,2,4-Trimethylbenzene	2.9		ug/m ³	0.40	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.63	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.49	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
107-06-2	1,2-Dichloroethane	0.36		ug/m ³	0.33	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
78-87-5	1,2-Dichloropropane	ND	TO-LCS -L	ug/m ³	0.38	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.57	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
108-67-8	1,3,5-Trimethylbenzene	1.0		ug/m ³	0.40	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	0.54	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.49	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
142-28-9	* 1,3-Dichloropropane	ND	TO-LCS -L	ug/m ³	0.38	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
106-46-7	1,4-Dichlorobenzene	0.94		ug/m ³	0.49	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	0.59	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
540-84-1	* 2,2,4-Trimethylpentane	0.57		ug/m ³	0.19	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
78-93-3	2-Butanone	6.3		ug/m ³	0.24	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR



Sample Information

Client Sample ID: 50Ray-D

York Sample ID: 24G0188-04

York Project (SDG) No.
24G0188

Client Project ID
2243037 Gladmore Cleaners

Matrix
Indoor Ambient Air

Collection Date/Time
July 2, 2024 1:00 pm

Date Received
07/03/2024

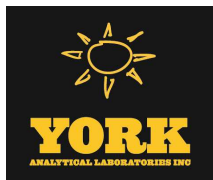
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	1.3		ug/m ³	0.67	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
107-05-1	3-Chloropropene	ND		ug/m ³	1.3	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
108-10-1	4-Methyl-2-pentanone	0.60	TO-LCS -L	ug/m ³	0.34	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
67-64-1	Acetone	260		ug/m ³	3.7	7.69	EPA TO-15 Certifications:	07/03/2024 12:00	07/08/2024 16:35	LT
107-13-1	Acrylonitrile	ND		ug/m ³	0.18	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
71-43-2	Benzene	0.97		ug/m ³	0.26	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
100-44-7	Benzyl chloride	ND		ug/m ³	0.42	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
75-27-4	Bromodichloromethane	ND		ug/m ³	0.55	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
75-25-2	Bromoform	ND		ug/m ³	0.85	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
74-83-9	Bromomethane	ND		ug/m ³	0.32	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
75-15-0	Carbon disulfide	ND		ug/m ³	0.26	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
56-23-5	Carbon tetrachloride	0.46		ug/m ³	0.13	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.38	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
75-00-3	Chloroethane	ND		ug/m ³	0.22	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
67-66-3	Chloroform	0.60		ug/m ³	0.40	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
74-87-3	Chloromethane	2.6		ug/m ³	0.17	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.081	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.37	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
110-82-7	Cyclohexane	ND		ug/m ³	0.28	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	0.70	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
75-71-8	Dichlorodifluoromethane	2.6		ug/m ³	0.41	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
141-78-6	* Ethyl acetate	9.6		ug/m ³	0.59	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
100-41-4	Ethyl Benzene	1.8		ug/m ³	0.36	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR



Sample Information

Client Sample ID: 50Ray-D

York Sample ID: 24G0188-04

York Project (SDG) No.
24G0188

Client Project ID
2243037 Gladmore Cleaners

Matrix
Indoor Ambient Air

Collection Date/Time
July 2, 2024 1:00 pm

Date Received
07/03/2024

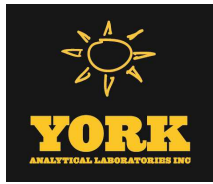
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	ICVE, TO-LCS -L	ug/m ³	0.87	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
67-63-0	Isopropanol	6.7		ug/m ³	0.40	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.34	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.30	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
75-09-2	Methylene chloride	2.5		ug/m ³	0.57	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
91-20-3	* Naphthalene	1.8	ICVE, TO-LCS -L	ug/m ³	0.86	0.819	EPA TO-15 Certifications: NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
142-82-5	n-Heptane	0.87		ug/m ³	0.34	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
110-54-3	n-Hexane	0.58		ug/m ³	0.29	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
95-47-6	o-Xylene	3.2		ug/m ³	0.36	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
179601-23-1	p- & m- Xylenes	8.4		ug/m ³	0.71	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
622-96-8	* p-Ethyltoluene	1.0		ug/m ³	0.40	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
115-07-1	* Propylene	ND		ug/m ³	0.14	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
100-42-5	Styrene	0.49		ug/m ³	0.35	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
127-18-4	Tetrachloroethylene	2.3		ug/m ³	0.56	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.48	0.819	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 17:43	YR
108-88-3	Toluene	2.8	TO-LCS -L	ug/m ³	0.31	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.32	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.37	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
79-01-6	Trichloroethylene	0.44	TO-LCS -L	ug/m ³	0.11	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.9		ug/m ³	0.46	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	0.29	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.36	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR



Sample Information

Client Sample ID: 50Ray-D

York Sample ID: 24G0188-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0188

2243037 Gladmore Cleaners

Indoor Ambient Air

July 2, 2024 1:00 pm

07/03/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m ³	0.10	0.819	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 17:43	YR

Sample Information

Client Sample ID: 50Ray-E

York Sample ID: 24G0188-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0188

2243037 Gladmore Cleaners

Indoor Ambient Air

July 2, 2024 1:00 pm

07/03/2024

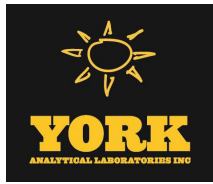
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.58	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.46	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.58	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.65	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.46	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.34	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.084	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-LCS -L	ug/m ³	0.63	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
95-63-6	1,2,4-Trimethylbenzene	1.8		ug/m ³	0.42	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.65	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.51	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.34	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
78-87-5	1,2-Dichloropropane	ND	TO-LCS -L	ug/m ³	0.39	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.59	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR



Sample Information

Client Sample ID: 50Ray-E

York Sample ID: 24G0188-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0188

2243037 Gladmore Cleaners

Indoor Ambient Air

July 2, 2024 1:00 pm

07/03/2024

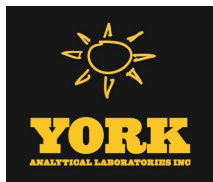
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	0.66		ug/m³	0.42	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.56	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.51	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
142-28-9	* 1,3-Dichloropropane	ND	TO-LCS -L	ug/m³	0.39	0.845	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 18:42	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.51	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m³	0.61	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
540-84-1	* 2,2,4-Trimethylpentane	0.32		ug/m³	0.20	0.845	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 18:42	YR
78-93-3	2-Butanone	2.0		ug/m³	0.25	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.69	0.845	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 18:42	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
108-10-1	4-Methyl-2-pentanone	0.35	TO-LCS -L	ug/m³	0.35	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
67-64-1	Acetone	190		ug/m³	3.0	6.344	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/08/2024 17:23	LT
107-13-1	Acrylonitrile	0.24		ug/m³	0.18	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
71-43-2	Benzene	ND		ug/m³	0.27	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.44	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.57	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
75-25-2	Bromoform	ND		ug/m³	0.87	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
74-83-9	Bromomethane	0.39		ug/m³	0.33	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.26	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
56-23-5	Carbon tetrachloride	0.37		ug/m³	0.13	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.39	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
75-00-3	Chloroethane	ND		ug/m³	0.22	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
67-66-3	Chloroform	0.41		ug/m³	0.41	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR



Sample Information

Client Sample ID: 50Ray-E

York Sample ID: 24G0188-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0188

2243037 Gladmore Cleaners

Indoor Ambient Air

July 2, 2024 1:00 pm

07/03/2024

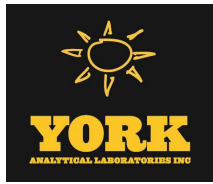
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	1.2		ug/m ³	0.17	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.084	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.38	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
110-82-7	Cyclohexane	ND		ug/m ³	0.29	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	0.72	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
75-71-8	Dichlorodifluoromethane	2.6		ug/m ³	0.42	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
141-78-6	* Ethyl acetate	ND		ug/m ³	0.61	0.845	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 18:42	YR
100-41-4	Ethyl Benzene	0.59		ug/m ³	0.37	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
87-68-3	Hexachlorobutadiene	1.6	ICVE, TO-LCS -L	ug/m ³	0.90	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
67-63-0	Isopropanol	10		ug/m ³	0.42	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.35	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.30	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
75-09-2	Methylene chloride	0.85		ug/m ³	0.59	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
91-20-3	* Naphthalene	ND	ICVE, TO-LCS -L	ug/m ³	0.89	0.845	EPA TO-15 Certifications: NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
142-82-5	n-Heptane	ND		ug/m ³	0.35	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
110-54-3	n-Hexane	ND		ug/m ³	0.30	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
95-47-6	o-Xylene	1.3		ug/m ³	0.37	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
179601-23-1	p- & m- Xylenes	2.7		ug/m ³	0.73	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
622-96-8	* p-Ethyltoluene	1.5		ug/m ³	0.42	0.845	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 18:42	YR
115-07-1	* Propylene	1.0		ug/m ³	0.15	0.845	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 18:42	YR
100-42-5	Styrene	ND		ug/m ³	0.36	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
127-18-4	Tetrachloroethylene	0.69		ug/m ³	0.57	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR



Sample Information

Client Sample ID: 50Ray-E

York Sample ID: 24G0188-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0188

2243037 Gladmore Cleaners

Indoor Ambient Air

July 2, 2024 1:00 pm

07/03/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.50	0.845	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 18:42	YR
108-88-3	Toluene	0.92	TO-LCS -L	ug/m ³	0.32	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.34	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.38	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
79-01-6	Trichloroethylene	ND	TO-LCS -L	ug/m ³	0.11	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	0.47	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	0.30	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.37	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	0.11	0.845	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 18:42	YR

Sample Information

Client Sample ID: 50Ray-F

York Sample ID: 24G0188-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0188

2243037 Gladmore Cleaners

Outdoor Ambient Air

July 2, 2024 1:00 pm

07/03/2024

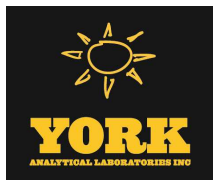
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.63	0.916	EPA TO-15 Certifications:	07/03/2024 12:00	07/05/2024 19:42	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.50	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.63	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.70	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.50	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.37	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.091	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR



Sample Information

Client Sample ID: 50Ray-F

York Sample ID: 24G0188-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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24G0188

2243037 Gladmore Cleaners

Outdoor Ambient Air

July 2, 2024 1:00 pm

07/03/2024

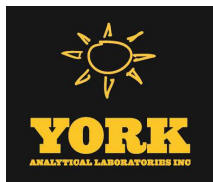
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-LCS	ug/m ³	0.68	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
95-63-6	1,2,4-Trimethylbenzene	0.72		ug/m ³	0.45	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.70	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.55	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.37	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
78-87-5	1,2-Dichloropropane	ND	TO-LCS	ug/m ³	0.42	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.64	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.45	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
106-99-0	1,3-Butadiene	ND		ug/m ³	0.61	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.55	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
142-28-9	* 1,3-Dichloropropane	ND	TO-LCS	ug/m ³	0.42	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.55	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
123-91-1	1,4-Dioxane	ND	TO-LCS	ug/m ³	0.66	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
540-84-1	* 2,2,4-Trimethylpentane	2.1		ug/m ³	0.21	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
78-93-3	2-Butanone	20		ug/m ³	0.27	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
591-78-6	* 2-Hexanone	1.9		ug/m ³	0.75	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
107-05-1	3-Chloropropene	ND		ug/m ³	1.4	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
108-10-1	4-Methyl-2-pentanone	ND	TO-LCS	ug/m ³	0.38	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
67-64-1	Acetone	9300		ug/m ³	65	137.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/09/2024 15:48	LT
107-13-1	Acrylonitrile	3.3		ug/m ³	0.20	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
71-43-2	Benzene	0.79		ug/m ³	0.29	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
100-44-7	Benzyl chloride	5.5		ug/m ³	0.47	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR



Sample Information

Client Sample ID: 50Ray-F

York Sample ID: 24G0188-06

York Project (SDG) No.
24G0188

Client Project ID
2243037 Gladmore Cleaners

Matrix
Outdoor Ambient Air

Collection Date/Time
July 2, 2024 1:00 pm

Date Received
07/03/2024

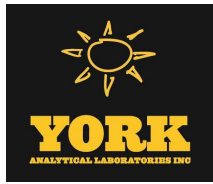
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m ³	0.61	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
75-25-2	Bromoform	ND		ug/m ³	0.95	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
74-83-9	Bromomethane	ND		ug/m ³	0.36	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
75-15-0	Carbon disulfide	0.66		ug/m ³	0.29	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
56-23-5	Carbon tetrachloride	0.35		ug/m ³	0.14	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
108-90-7	Chlorobenzene	ND		ug/m ³	0.42	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
75-00-3	Chloroethane	ND		ug/m ³	0.24	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
67-66-3	Chloroform	ND		ug/m ³	0.45	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
74-87-3	Chloromethane	4.8		ug/m ³	0.19	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.091	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.42	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
110-82-7	Cyclohexane	ND		ug/m ³	0.32	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
124-48-1	Dibromochloromethane	ND		ug/m ³	0.78	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
75-71-8	Dichlorodifluoromethane	2.3		ug/m ³	0.45	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
141-78-6	* Ethyl acetate	1.3		ug/m ³	0.66	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
100-41-4	Ethyl Benzene	1.4		ug/m ³	0.40	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
87-68-3	Hexachlorobutadiene	ND	ICVE, TO-LCS	ug/m ³	0.98	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
67-63-0	Isopropanol	22	-L	ug/m ³	0.45	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.38	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.33	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
75-09-2	Methylene chloride	ND		ug/m ³	0.64	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
91-20-3	* Naphthalene	1.2	ICVE, TO-LCS -L	ug/m ³	0.96	0.916	EPA TO-15 Certifications: NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR



Sample Information

Client Sample ID: 50Ray-F

York Sample ID: 24G0188-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24G0188

2243037 Gladmore Cleaners

Outdoor Ambient Air

July 2, 2024 1:00 pm

07/03/2024

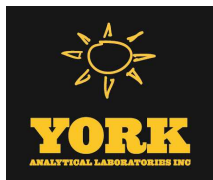
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-82-5	n-Heptane	ND		ug/m ³	0.38	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
110-54-3	n-Hexane	0.74		ug/m ³	0.32	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
95-47-6	o-Xylene	1.8		ug/m ³	0.40	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
179601-23-1	p- & m- Xylenes	6.0		ug/m ³	0.80	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
622-96-8	* p-Ethyltoluene	0.59		ug/m ³	0.45	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
115-07-1	* Propylene	31		ug/m ³	0.16	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
100-42-5	Styrene	2.0		ug/m ³	0.39	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.62	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
109-99-9	* Tetrahydrofuran	3.7		ug/m ³	0.54	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
108-88-3	Toluene	6.1	TO-LCS -L	ug/m ³	0.35	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.36	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.42	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
79-01-6	Trichloroethylene	ND	TO-LCS -L	ug/m ³	0.12	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		ug/m ³	0.51	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
108-05-4	Vinyl acetate	ND	TO-LCS -L	ug/m ³	0.32	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
593-60-2	Vinyl bromide	ND		ug/m ³	0.40	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR
75-01-4	Vinyl Chloride	ND		ug/m ³	0.12	0.916	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	07/03/2024 12:00	07/05/2024 19:42	YR



Analytical Batch Summary

Batch ID: BG40373 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

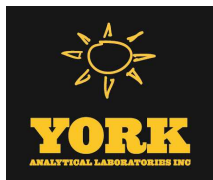
YORK Sample ID	Client Sample ID	Preparation Date
24G0188-01	50Ray-A	07/03/24
24G0188-02	50Ray-B	07/03/24
24G0188-03	50Ray-C	07/03/24
24G0188-04	50Ray-D	07/03/24
24G0188-05	50Ray-E	07/03/24
24G0188-06	50Ray-F	07/03/24
BG40373-BLK1	Blank	07/04/24
BG40373-BS1	LCS	07/04/24
BG40373-DUP1	Duplicate	07/04/24

Batch ID: BG40563 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24G0188-03RE1	50Ray-C	07/03/24
24G0188-04RE1	50Ray-D	07/03/24
24G0188-05RE1	50Ray-E	07/03/24
BG40563-BLK1	Blank	07/08/24
BG40563-BS1	LCS	07/08/24
BG40563-DUP1	Duplicate	07/08/24

Batch ID: BG40647 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
24G0188-06RE1	50Ray-F	07/03/24
BG40647-BLK1	Blank	07/09/24
BG40647-BS1	LCS	07/09/24



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

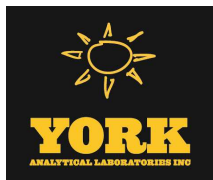
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40373 - EPA TO15 PREP

Blank (BG40373-BLK1)

Prepared: 07/04/2024 Analyzed: 07/05/2024

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
1,2,4-Trichlorobenzene	ND	0.74	"
1,2,4-Trimethylbenzene	ND	0.49	"
1,2-Dibromoethane	ND	0.77	"
1,2-Dichlorobenzene	ND	0.60	"
1,2-Dichloroethane	ND	0.40	"
1,2-Dichloropropane	ND	0.46	"
1,2-Dichlorotetrafluoroethane	ND	0.70	"
1,3,5-Trimethylbenzene	ND	0.49	"
1,3-Butadiene	ND	0.66	"
1,3-Dichlorobenzene	ND	0.60	"
1,3-Dichloropropane	ND	0.46	"
1,4-Dichlorobenzene	ND	0.60	"
1,4-Dioxane	ND	0.72	"
2,2,4-Trimethylpentane	ND	0.23	"
2-Butanone	ND	0.29	"
2-Hexanone	ND	0.82	"
3-Chloropropene	ND	1.6	"
4-Methyl-2-pentanone	ND	0.41	"
Acetone	ND	0.48	"
Acrylonitrile	ND	0.22	"
Benzene	ND	0.32	"
Benzyl chloride	ND	0.52	"
Bromodichloromethane	ND	0.67	"
Bromoform	ND	1.0	"
Bromomethane	ND	0.39	"
Carbon disulfide	ND	0.31	"
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	ND	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	ND	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40373 - EPA TO15 PREP

Blank (BG40373-BLK1)

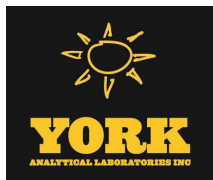
Prepared: 07/04/2024 Analyzed: 07/05/2024

Methylene chloride	ND	0.69	ug/m ³
Naphthalene	ND	1.0	"
n-Heptane	ND	0.41	"
n-Hexane	ND	0.35	"
o-Xylene	ND	0.43	"
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	ND	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"

LCS (BG40373-BS1)

Prepared: 07/04/2024 Analyzed: 07/05/2024

1,1,1,2-Tetrachloroethane	7.53		ppbv	10.0	75.3	70-130	
1,1,1-Trichloroethane	8.24		"	10.0	82.4	70-130	
1,1,2,2-Tetrachloroethane	7.20		"	10.0	72.0	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.21		"	10.0	82.1	70-130	
1,1,2-Trichloroethane	7.19		"	10.0	71.9	70-130	
1,1-Dichloroethane	7.64		"	10.0	76.4	70-130	
1,1-Dichloroethylene	7.46		"	10.0	74.6	70-130	
1,2,4-Trichlorobenzene	5.94		"	10.0	59.4	70-130	Low Bias
1,2,4-Trimethylbenzene	8.39		"	10.0	83.9	70-130	
1,2-Dibromoethane	7.07		"	10.0	70.7	70-130	
1,2-Dichlorobenzene	7.69		"	10.0	76.9	70-130	
1,2-Dichloroethane	8.13		"	10.0	81.3	70-130	
1,2-Dichloropropane	6.83		"	10.0	68.3	70-130	Low Bias
1,2-Dichlorotetrafluoroethane	7.95		"	10.0	79.5	70-130	
1,3,5-Trimethylbenzene	8.08		"	10.0	80.8	70-130	
1,3-Butadiene	7.38		"	10.0	73.8	70-130	
1,3-Dichlorobenzene	7.83		"	10.0	78.3	70-130	
1,3-Dichloropropane	6.85		"	10.0	68.5	70-130	Low Bias
1,4-Dichlorobenzene	7.54		"	10.0	75.4	70-130	
1,4-Dioxane	6.84		"	10.0	68.4	70-130	Low Bias
2,2,4-Trimethylpentane	7.85		"	10.0	78.5	70-130	
2-Butanone	7.41		"	10.0	74.1	70-130	
2-Hexanone	7.27		"	10.0	72.7	70-130	
3-Chloropropene	7.70		"	10.0	77.0	70-130	
4-Methyl-2-pentanone	6.83		"	10.0	68.3	70-130	Low Bias
Acetone	9.02		"	10.0	90.2	70-130	
Acrylonitrile	8.38		"	10.0	83.8	70-130	
Benzene	7.52		"	10.0	75.2	70-130	
Benzyl chloride	7.36		"	10.0	73.6	70-130	
Bromodichloromethane	7.21		"	10.0	72.1	70-130	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

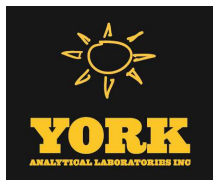
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40373 - EPA TO15 PREP

LCS (BG40373-BS1)

Prepared: 07/04/2024 Analyzed: 07/05/2024

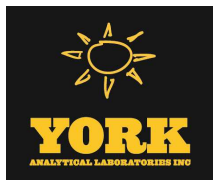
Bromoform	8.34		ppbv	10.0		83.4	70-130				
Bromomethane	8.61		"	10.0		86.1	70-130				
Carbon disulfide	7.52		"	10.0		75.2	70-130				
Carbon tetrachloride	8.36		"	10.0		83.6	70-130				
Chlorobenzene	7.32		"	10.0		73.2	70-130				
Chloroethane	8.26		"	10.0		82.6	70-130				
Chloroform	7.97		"	10.0		79.7	70-130				
Chloromethane	7.64		"	10.0		76.4	70-130				
cis-1,2-Dichloroethylene	8.28		"	10.0		82.8	70-130				
cis-1,3-Dichloropropylene	7.14		"	10.0		71.4	70-130				
Cyclohexane	7.79		"	10.0		77.9	70-130				
Dibromochloromethane	7.64		"	10.0		76.4	70-130				
Dichlorodifluoromethane	8.79		"	10.0		87.9	70-130				
Ethyl acetate	8.09		"	10.0		80.9	70-130				
Ethyl Benzene	7.36		"	10.0		73.6	70-130				
Hexachlorobutadiene	6.36		"	10.0		63.6	70-130	Low Bias			
Isopropanol	7.29		"	10.0		72.9	70-130				
Methyl Methacrylate	7.11		"	10.0		71.1	70-130				
Methyl tert-butyl ether (MTBE)	8.20		"	10.0		82.0	70-130				
Methylene chloride	7.43		"	10.0		74.3	70-130				
Naphthalene	6.16		"	10.0		61.6	70-130	Low Bias			
n-Heptane	7.96		"	10.0		79.6	70-130				
n-Hexane	7.92		"	10.0		79.2	70-130				
o-Xylene	7.66		"	10.0		76.6	70-130				
p- & m- Xylenes	15.6		"	20.0		78.2	70-130				
p-Ethyltoluene	8.54		"	10.0		85.4	70-130				
Propylene	7.61		"	10.0		76.1	70-130				
Styrene	8.42		"	10.0		84.2	70-130				
Tetrachloroethylene	7.99		"	10.0		79.9	70-130				
Tetrahydrofuran	7.54		"	10.0		75.4	70-130				
Toluene	6.85		"	10.0		68.5	70-130	Low Bias			
trans-1,2-Dichloroethylene	7.92		"	10.0		79.2	70-130				
trans-1,3-Dichloropropylene	7.26		"	10.0		72.6	70-130				
Trichloroethylene	6.28		"	10.0		62.8	70-130	Low Bias			
Trichlorofluoromethane (Freon 11)	8.61		"	10.0		86.1	70-130				
Vinyl acetate	6.10		"	10.0		61.0	70-130	Low Bias			
Vinyl bromide	8.59		"	10.0		85.9	70-130				
Vinyl Chloride	8.76		"	10.0		87.6	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG40373 - EPA TO15 PREP											
Duplicate (BG40373-DUP1)	*Source sample: 24G0069-01 (Duplicate)						Prepared: 07/04/2024 Analyzed: 07/05/2024				
1,1,1,2-Tetrachloroethane	ND	0.96	ug/m ³		ND					25	
1,1,1-Trichloroethane	ND	0.76	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.96	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.1	"		ND					25	
1,1,2-Trichloroethane	ND	0.76	"		ND					25	
1,1-Dichloroethane	ND	0.56	"		ND					25	
1,1-Dichloroethylene	ND	0.14	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.0	"		ND					25	
1,2,4-Trimethylbenzene	ND	0.69	"		ND					25	
1,2-Dibromoethane	ND	1.1	"		ND					25	
1,2-Dichlorobenzene	ND	0.84	"		ND					25	
1,2-Dichloroethane	6.7	0.56	"		6.8				1.67	25	
1,2-Dichloropropane	ND	0.64	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.98	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.69	"		ND					25	
1,3-Butadiene	2.2	0.93	"		2.3				2.78	25	
1,3-Dichlorobenzene	ND	0.84	"		ND					25	
1,3-Dichloropropane	ND	0.64	"		ND					25	
1,4-Dichlorobenzene	ND	0.84	"		ND					25	
1,4-Dioxane	ND	1.0	"		ND					25	
2,2,4-Trimethylpentane	2.1	0.33	"		2.1				0.00	25	
2-Butanone	10	0.41	"		9.9				0.830	25	
2-Hexanone	ND	1.1	"		ND					25	
3-Chloropropene	ND	2.2	"		ND					25	
4-Methyl-2-pentanone	ND	0.57	"		ND					25	
Acetone	120	0.66	"		120				0.490	25	
Acrylonitrile	ND	0.30	"		ND					25	
Benzene	72	0.45	"		72				0.743	25	
Benzyl chloride	ND	0.72	"		ND					25	
Bromodichloromethane	2.3	0.93	"		2.2				4.08	25	
Bromoform	ND	1.4	"		ND					25	
Bromomethane	ND	0.54	"		ND					25	
Carbon disulfide	5.7	0.43	"		5.7				0.760	25	
Carbon tetrachloride	0.44	0.22	"		0.44				0.00	25	
Chlorobenzene	ND	0.64	"		ND					25	
Chloroethane	ND	0.37	"		ND					25	
Chloroform	60	0.68	"		61				1.34	25	
Chloromethane	2.3	0.29	"		2.3				2.50	25	
cis-1,2-Dichloroethylene	1.2	0.14	"		1.2				0.00	25	
cis-1,3-Dichloropropylene	ND	0.63	"		ND					25	
Cyclohexane	14	0.48	"		14				0.341	25	
Dibromochloromethane	ND	1.2	"		ND					25	
Dichlorodifluoromethane	2.3	0.69	"		2.2				3.08	25	
Ethyl acetate	3.9	1.0	"		ND					25	
Ethyl Benzene	ND	0.61	"		ND					25	
Hexachlorobutadiene	ND	1.5	"		ND					25	
Isopropanol	34	0.69	"		33				1.32	25	
Methyl Methacrylate	ND	0.57	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.50	"		ND					25	
Methylene chloride	ND	0.97	"		ND					25	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

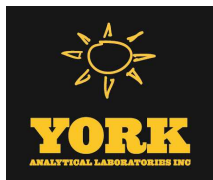
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40373 - EPA TO15 PREP

Duplicate (BG40373-DUP1)		*Source sample: 24G0069-01 (Duplicate)				Prepared: 07/04/2024 Analyzed: 07/05/2024					
Naphthalene	ND	1.5	ug/m ³		ND					25	
n-Heptane	21	0.57	"		21				0.273	25	
n-Hexane	150	0.49	"		150				0.101	25	
o-Xylene	ND	0.61	"		ND					25	
p- & m- Xylenes	1.3	1.2	"		1.3				0.00	25	
p-Ethyltoluene	ND	0.69	"		ND					25	
Propylene	17	0.24	"		17				2.14	25	
Styrene	ND	0.59	"		ND					25	
Tetrachloroethylene	ND	0.95	"		ND					25	
Tetrahydrofuran	2.5	0.82	"		2.4				1.68	25	
Toluene	13	0.53	"		13				1.61	25	
trans-1,2-Dichloroethylene	ND	0.55	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.63	"		ND					25	
Trichloroethylene	0.22	0.19	"		0.22				0.00	25	
Trichlorofluoromethane (Freon 11)	1.2	0.78	"		1.2				0.00	25	
Vinyl acetate	ND	0.49	"		ND					25	
Vinyl bromide	ND	0.61	"		ND					25	
Vinyl Chloride	ND	0.18	"		ND					25	

Batch BG40563 - EPA TO15 PREP

Blank (BG40563-BLK1)		Prepared & Analyzed: 07/08/2024									
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

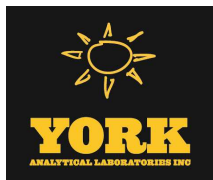
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40563 - EPA TO15 PREP

Blank (BG40563-BLK1)

Prepared & Analyzed: 07/08/2024

Bromodichloromethane	ND	0.67	ug/m ³
Bromoform	ND	1.0	"
Bromomethane	ND	0.39	"
Carbon disulfide	ND	0.31	"
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	ND	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	ND	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"
Naphthalene	ND	1.0	"
n-Heptane	ND	0.41	"
n-Hexane	ND	0.35	"
o-Xylene	ND	0.43	"
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	ND	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

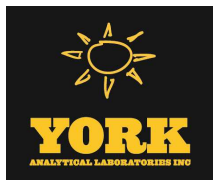
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40563 - EPA TO15 PREP

LCS (BG40563-BS1)

Prepared & Analyzed: 07/08/2024

1,1,1,2-Tetrachloroethane	9.18		ppbv	10.0		91.8	70-130				
1,1,1-Trichloroethane	10.5		"	10.0		105	70-130				
1,1,2,2-Tetrachloroethane	8.88		"	10.0		88.8	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	70-130				
1,1,2-Trichloroethane	8.68		"	10.0		86.8	70-130				
1,1-Dichloroethane	9.81		"	10.0		98.1	70-130				
1,1-Dichloroethylene	9.44		"	10.0		94.4	70-130				
1,2,4-Trichlorobenzene	7.47		"	10.0		74.7	70-130				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	70-130				
1,2-Dibromoethane	8.89		"	10.0		88.9	70-130				
1,2-Dichlorobenzene	9.38		"	10.0		93.8	70-130				
1,2-Dichloroethane	10.4		"	10.0		104	70-130				
1,2-Dichloropropane	8.26		"	10.0		82.6	70-130				
1,2-Dichlorotetrafluoroethane	10.6		"	10.0		106	70-130				
1,3,5-Trimethylbenzene	9.83		"	10.0		98.3	70-130				
1,3-Butadiene	8.62		"	10.0		86.2	70-130				
1,3-Dichlorobenzene	9.34		"	10.0		93.4	70-130				
1,3-Dichloropropane	8.54		"	10.0		85.4	70-130				
1,4-Dichlorobenzene	9.27		"	10.0		92.7	70-130				
1,4-Dioxane	8.29		"	10.0		82.9	70-130				
2,2,4-Trimethylpentane	9.49		"	10.0		94.9	70-130				
2-Butanone	9.40		"	10.0		94.0	70-130				
2-Hexanone	9.03		"	10.0		90.3	70-130				
3-Chloropropene	9.64		"	10.0		96.4	70-130				
4-Methyl-2-pentanone	8.36		"	10.0		83.6	70-130				
Acetone	10.2		"	10.0		102	70-130				
Acrylonitrile	10.1		"	10.0		101	70-130				
Benzene	9.69		"	10.0		96.9	70-130				
Benzyl chloride	9.02		"	10.0		90.2	70-130				
Bromodichloromethane	8.68		"	10.0		86.8	70-130				
Bromoform	9.16		"	10.0		91.6	70-130				
Bromomethane	10.2		"	10.0		102	70-130				
Carbon disulfide	9.90		"	10.0		99.0	70-130				
Carbon tetrachloride	10.4		"	10.0		104	70-130				
Chlorobenzene	8.92		"	10.0		89.2	70-130				
Chloroethane	9.90		"	10.0		99.0	70-130				
Chloroform	10.2		"	10.0		102	70-130				
Chloromethane	10.3		"	10.0		103	70-130				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	70-130				
cis-1,3-Dichloropropylene	8.69		"	10.0		86.9	70-130				
Cyclohexane	10.0		"	10.0		100	70-130				
Dibromochloromethane	9.10		"	10.0		91.0	70-130				
Dichlorodifluoromethane	10.1		"	10.0		101	70-130				
Ethyl acetate	9.41		"	10.0		94.1	70-130				
Ethyl Benzene	9.06		"	10.0		90.6	70-130				
Hexachlorobutadiene	7.94		"	10.0		79.4	70-130				
Isopropanol	8.94		"	10.0		89.4	70-130				
Methyl Methacrylate	8.96		"	10.0		89.6	70-130				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	70-130				
Methylene chloride	8.98		"	10.0		89.8	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
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Batch BG40563 - EPA TO15 PREP

LCS (BG40563-BS1)

Prepared & Analyzed: 07/08/2024

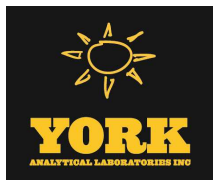
Naphthalene	7.53		ppbv	10.0		75.3	70-130				
n-Heptane	10.2		"	10.0		102	70-130				
n-Hexane	10.1		"	10.0		101	70-130				
o-Xylene	9.36		"	10.0		93.6	70-130				
p- & m- Xylenes	18.8		"	20.0		94.2	70-130				
p-Ethyltoluene	10.5		"	10.0		105	70-130				
Propylene	8.84		"	10.0		88.4	70-130				
Styrene	10.2		"	10.0		102	70-130				
Tetrachloroethylene	9.62		"	10.0		96.2	70-130				
Tetrahydrofuran	9.54		"	10.0		95.4	70-130				
Toluene	8.28		"	10.0		82.8	70-130				
trans-1,2-Dichloroethylene	9.99		"	10.0		99.9	70-130				
trans-1,3-Dichloropropylene	8.79		"	10.0		87.9	70-130				
Trichloroethylene	7.79		"	10.0		77.9	70-130				
Trichlorofluoromethane (Freon 11)	10.4		"	10.0		104	70-130				
Vinyl acetate	8.76		"	10.0		87.6	70-130				
Vinyl bromide	10.3		"	10.0		103	70-130				
Vinyl Chloride	10.2		"	10.0		102	70-130				

Duplicate (BG40563-DUP1)

*Source sample: 24G0192-05 (Duplicate)

Prepared & Analyzed: 07/08/2024

1,1,1,2-Tetrachloroethane	ND	2.1	ug/m ³		ND					25	
1,1,1-Trichloroethane	ND	1.7	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	2.1	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.3	"		ND					25	
1,1,2-Trichloroethane	ND	1.7	"		ND					25	
1,1-Dichloroethane	ND	1.2	"		ND					25	
1,1-Dichloroethylene	ND	0.30	"		ND					25	
1,2,4-Trichlorobenzene	ND	2.3	"		ND					25	
1,2,4-Trimethylbenzene	3.5	1.5	"		3.8				8.33	25	
1,2-Dibromoethane	ND	2.4	"		ND					25	
1,2-Dichlorobenzene	ND	1.8	"		ND					25	
1,2-Dichloroethane	ND	1.2	"		ND					25	
1,2-Dichloropropane	ND	1.4	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	2.1	"		ND					25	
1,3,5-Trimethylbenzene	ND	1.5	"		1.7					25	
1,3-Butadiene	ND	2.0	"		ND					25	
1,3-Dichlorobenzene	ND	1.8	"		ND					25	
1,3-Dichloropropane	ND	1.4	"		ND					25	
1,4-Dichlorobenzene	ND	1.8	"		ND					25	
1,4-Dioxane	ND	2.2	"		ND					25	
2,2,4-Trimethylpentane	3.0	0.72	"		3.0				0.00	25	
2-Butanone	11	0.90	"		11				0.00	25	
2-Hexanone	ND	2.5	"		ND					25	
3-Chloropropene	ND	4.8	"		ND					25	
4-Methyl-2-pentanone	ND	1.3	"		ND					25	
Acetone	230	1.5	"		230				0.129	25	
Acrylonitrile	64	0.66	"		61				4.16	25	
Benzene	130	0.98	"		130				1.47	25	
Benzyl chloride	ND	1.6	"		ND					25	
Bromodichloromethane	ND	2.1	"		ND					25	
Bromoform	ND	3.2	"		ND					25	



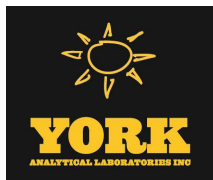
Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40563 - EPA TO15 PREP

Duplicate (BG40563-DUP1)	*Source sample: 24G0192-05 (Duplicate)				Prepared & Analyzed: 07/08/2024						
Bromomethane	ND	1.2	ug/m ³		ND					25	
Carbon disulfide	11	0.95	"		11				0.837	25	
Carbon tetrachloride	ND	0.48	"		ND					25	
Chlorobenzene	ND	1.4	"		ND					25	
Chloroethane	ND	0.81	"		ND					25	
Chloroform	3.0	1.5	"		3.0				0.00	25	
Chloromethane	2.8	0.63	"		2.8				2.25	25	
cis-1,2-Dichloroethylene	ND	0.30	"		ND					25	
cis-1,3-Dichloropropylene	ND	1.4	"		ND					25	
Cyclohexane	52	1.1	"		51				2.27	25	
Dibromochloromethane	ND	2.6	"		ND					25	
Dichlorodifluoromethane	2.3	1.5	"		2.3				0.00	25	
Ethyl acetate	ND	2.2	"		ND					25	
Ethyl Benzene	4.5	1.3	"		4.5				0.00	25	
Hexachlorobutadiene	ND	3.3	"		ND					25	
Isopropanol	24	1.5	"		26				8.07	25	
Methyl Methacrylate	ND	1.3	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	1.1	"		ND					25	
Methylene chloride	ND	2.1	"		ND					25	
Naphthalene	ND	3.2	"		ND					25	
n-Heptane	11	1.3	"		11				1.17	25	
n-Hexane	17	1.1	"		16				3.28	25	
o-Xylene	3.1	1.3	"		3.1				0.00	25	
p- & m- Xylenes	7.3	2.7	"		7.5				1.80	25	
p-Ethyltoluene	2.6	1.5	"		2.6				0.00	25	
Propylene	160	0.53	"		170				2.48	25	
Styrene	ND	1.3	"		ND					25	
Tetrachloroethylene	11	2.1	"		11				0.00	25	
Tetrahydrofuran	ND	1.8	"		ND					25	
Toluene	33	1.2	"		33				1.40	25	
trans-1,2-Dichloroethylene	ND	1.2	"		ND					25	
trans-1,3-Dichloropropylene	ND	1.4	"		ND					25	
Trichloroethylene	0.49	0.41	"		0.49				0.00	25	
Trichlorofluoromethane (Freon 11)	ND	1.7	"		ND					25	
Vinyl acetate	ND	1.1	"		ND					25	
Vinyl bromide	ND	1.3	"		ND					25	
Vinyl Chloride	ND	0.39	"		ND					25	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

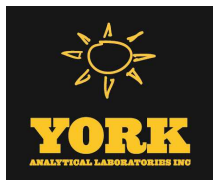
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40647 - EPA TO15 PREP

Blank (BG40647-BLK1)

Prepared & Analyzed: 07/09/2024

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
1,2,4-Trichlorobenzene	ND	0.74	"
1,2,4-Trimethylbenzene	ND	0.49	"
1,2-Dibromoethane	ND	0.77	"
1,2-Dichlorobenzene	ND	0.60	"
1,2-Dichloroethane	ND	0.40	"
1,2-Dichloropropane	ND	0.46	"
1,2-Dichlorotetrafluoroethane	ND	0.70	"
1,3,5-Trimethylbenzene	ND	0.49	"
1,3-Butadiene	ND	0.66	"
1,3-Dichlorobenzene	ND	0.60	"
1,3-Dichloropropane	ND	0.46	"
1,4-Dichlorobenzene	ND	0.60	"
1,4-Dioxane	ND	0.72	"
2,2,4-Trimethylpentane	ND	0.23	"
2-Butanone	0.29	0.29	"
2-Hexanone	ND	0.82	"
3-Chloropropene	ND	1.6	"
4-Methyl-2-pentanone	ND	0.41	"
Acetone	ND	0.48	"
Acrylonitrile	ND	0.22	"
Benzene	ND	0.32	"
Benzyl chloride	ND	0.52	"
Bromodichloromethane	ND	0.67	"
Bromoform	ND	1.0	"
Bromomethane	ND	0.39	"
Carbon disulfide	ND	0.31	"
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	ND	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	ND	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG40647 - EPA TO15 PREP

Blank (BG40647-BLK1)

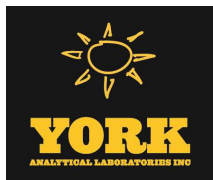
Prepared & Analyzed: 07/09/2024

Naphthalene	ND	1.0	ug/m ³
n-Heptane	ND	0.41	"
n-Hexane	ND	0.35	"
o-Xylene	ND	0.43	"
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	ND	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"

LCS (BG40647-BS1)

Prepared & Analyzed: 07/09/2024

1,1,1,2-Tetrachloroethane	10.7	ppbv	10.0	107	70-130
1,1,1-Trichloroethane	10.9	"	10.0	109	70-130
1,1,2,2-Tetrachloroethane	9.34	"	10.0	93.4	70-130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.64	"	10.0	96.4	70-130
1,1,2-Trichloroethane	10.1	"	10.0	101	70-130
1,1-Dichloroethane	8.81	"	10.0	88.1	70-130
1,1-Dichloroethylene	9.50	"	10.0	95.0	70-130
1,2,4-Trichlorobenzene	8.67	"	10.0	86.7	70-130
1,2,4-Trimethylbenzene	10.3	"	10.0	103	70-130
1,2-Dibromoethane	10.1	"	10.0	101	70-130
1,2-Dichlorobenzene	10.5	"	10.0	105	70-130
1,2-Dichloroethane	8.69	"	10.0	86.9	70-130
1,2-Dichloropropane	9.27	"	10.0	92.7	70-130
1,2-Dichlorotetrafluoroethane	7.97	"	10.0	79.7	70-130
1,3,5-Trimethylbenzene	10.0	"	10.0	100	70-130
1,3-Butadiene	9.93	"	10.0	99.3	70-130
1,3-Dichlorobenzene	10.6	"	10.0	106	70-130
1,3-Dichloropropane	9.38	"	10.0	93.8	70-130
1,4-Dichlorobenzene	10.6	"	10.0	106	70-130
1,4-Dioxane	7.72	"	10.0	77.2	70-130
2,2,4-Trimethylpentane	9.94	"	10.0	99.4	70-130
2-Butanone	9.13	"	10.0	91.3	70-130
2-Hexanone	9.44	"	10.0	94.4	70-130
3-Chloropropene	9.64	"	10.0	96.4	70-130
4-Methyl-2-pentanone	9.62	"	10.0	96.2	70-130
Acetone	8.90	"	10.0	89.0	70-130
Acrylonitrile	9.02	"	10.0	90.2	70-130
Benzene	8.67	"	10.0	86.7	70-130
Benzyl chloride	9.08	"	10.0	90.8	70-130
Bromodichloromethane	10.7	"	10.0	107	70-130
Bromoform	11.4	"	10.0	114	70-130



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

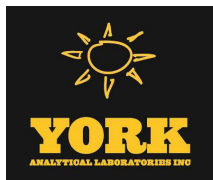
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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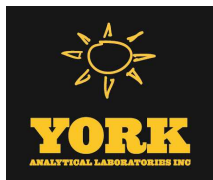
Batch BG40647 - EPA TO15 PREP

LCS (BG40647-BS1)

Prepared & Analyzed: 07/09/2024

Bromomethane	9.10		ppbv	10.0		91.0	70-130				
Carbon disulfide	8.54		"	10.0		85.4	70-130				
Carbon tetrachloride	11.6		"	10.0		116	70-130				
Chlorobenzene	9.67		"	10.0		96.7	70-130				
Chloroethane	8.91		"	10.0		89.1	70-130				
Chloroform	9.74		"	10.0		97.4	70-130				
Chloromethane	11.0		"	10.0		110	70-130				
cis-1,2-Dichloroethylene	8.91		"	10.0		89.1	70-130				
cis-1,3-Dichloropropylene	9.81		"	10.0		98.1	70-130				
Cyclohexane	9.42		"	10.0		94.2	70-130				
Dibromochloromethane	11.2		"	10.0		112	70-130				
Dichlorodifluoromethane	10.1		"	10.0		101	70-130				
Ethyl acetate	9.95		"	10.0		99.5	70-130				
Ethyl Benzene	9.67		"	10.0		96.7	70-130				
Hexachlorobutadiene	11.4		"	10.0		114	70-130				
Isopropanol	9.13		"	10.0		91.3	70-130				
Methyl Methacrylate	9.12		"	10.0		91.2	70-130				
Methyl tert-butyl ether (MTBE)	9.47		"	10.0		94.7	70-130				
Methylene chloride	8.42		"	10.0		84.2	70-130				
Naphthalene	8.21		"	10.0		82.1	70-130				
n-Heptane	9.62		"	10.0		96.2	70-130				
n-Hexane	9.41		"	10.0		94.1	70-130				
o-Xylene	9.88		"	10.0		98.8	70-130				
p- & m- Xylenes	19.6		"	20.0		98.0	70-130				
p-Ethyltoluene	10.3		"	10.0		103	70-130				
Propylene	9.26		"	10.0		92.6	70-130				
Styrene	10.0		"	10.0		100	70-130				
Tetrachloroethylene	10.6		"	10.0		106	70-130				
Tetrahydrofuran	9.20		"	10.0		92.0	70-130				
Toluene	9.32		"	10.0		93.2	70-130				
trans-1,2-Dichloroethylene	9.33		"	10.0		93.3	70-130				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	70-130				
Trichloroethylene	9.96		"	10.0		99.6	70-130				
Trichlorofluoromethane (Freon 11)	10.9		"	10.0		109	70-130				
Vinyl acetate	7.76		"	10.0		77.6	70-130				
Vinyl bromide	9.84		"	10.0		98.4	70-130				
Vinyl Chloride	9.57		"	10.0		95.7	70-130				





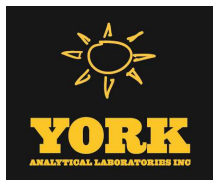
Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2" Hg. The optimum pressure range for constant flow rate is full vacuum to -2" Hg. Bias is not suspected provided there was constant flow to the can to 75% full.
TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.



If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to correct VOA results.



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www.yorklab.com



Field Chain-of-Custody Record - AIR

YORK Project No.

2460189

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

Your

Page 1 of 1

YOUR INFORMATION			Report To:			Invoice To:			YOUR Project Number			Turn-Around Time																	
Company:	Labella		Company:	Labella		Company:	Labella		2243037			RUSH - Next Day																	
Address:			Address:			Address:			YOUR Project Name			RUSH - Two Day																	
Phone:			Phone:	518 885 5383		Phone:			Gladmore			RUSH - Three Day																	
Contact:			Contact:	Carolyn Bardwell		Contact:	Accounts Payable		Cleaner			RUSH - Four Day																	
E-mail:	m.owen@labella.com		E-mail:	Carolyn.Bardwell@labella.com		E-mail:			YOUR PO#:			Standard (5-7 Day)																	
YOUR INFORMATION						Report / EDD Type (circle selections)						YORK Reg. Comp.																	
Air Matrix Codes						Samples From						Compared to the following Regulation(s): (please fill in)																	
AI - Indoor Ambient Air						New York						Standard Excel EDD																	
AO - Outdoor Amb. Air						New Jersey						EQUIS (Standard)																	
AE - Vapor Extraction Well/Process Gas/Effluent						Connecticut						NJDEP Reduced Deliv.																	
AS - Soil Vapor/Sub-Slab						Pennsylvania						NYSDEC EQUIS																	
Other:						Other:						NJDEP SRP HazSite																	
Please enter the following REQUIRED Field Data												Reporting Units: ug/m ³ ppbv ppmv																	
Certified Canisters: Batch			Individual			Canister Vacuum Before Sampling (in Hg)			Canister Vacuum After Sampling (in Hg)			Canister ID			Flow Cont. ID			Analysis Requested											
50 Ray - A						-30			-3			48299			7085			70-15 VOG											
50 Ray - B						-30			-2			28844			13559														
50 Ray - C						-30			0			37420			20433														
50 Ray - D						-30			-2			18295			20443														
50 Ray - E						-30			-3			48304			20435														
50 Ray - F						-30			-8			48292			20429														
Comments:																		Detection Limits Required						Sampling Media					
																		≤ 1 ug/m ³ Routine Survey						6 Liter Canister Tedlar Bag					
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