



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

Hit Summary Sheet
624.1

SDG No.: Q3361

Client: Garden State Laboratories, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID:

0

Total Voc :

Total Concentration:

A

B

C

D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client: Garden State Laboratories, Inc.
Project: Waste Water 2025
Client Sample ID: VOA 251015111-01
Lab Sample ID: Q3361-01
Analytical Method: E624.1
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/15/25
Date Received: 10/16/25
SDG No.: Q3361
Matrix: Water
% Solid: 0
Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
107-02-8	Acrolein	6.60	U	1	6.60	25.0	ug/L	10/17/25 12:34	VN101725
107-13-1	Acrylonitrile	2.80	U	1	2.80	25.0	ug/L	10/17/25 12:34	VN101725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	30.9			91 - 110	103%	SPK: 30		
2037-26-5	Toluene-d8	30.8			91 - 112	103%	SPK: 30		
460-00-4	4-Bromofluorobenzene	29.6			63 - 112	99%	SPK: 30		
INTERNAL STANDARDS									
		Area Count							
74-97-5	Bromochloromethane	56300							
540-36-3	1,4-Difluorobenzene	286000							
3114-55-4	Chlorobenzene-d5	253000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Garden State Laboratories, Inc.
Project: Waste Water 2025
Client Sample ID: Trip blank 251015076-04
Lab Sample ID: Q3361-02
Analytical Method: E624.1
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/15/25
Date Received: 10/16/25
SDG No.: Q3361
Matrix: Water
% Solid: 0
Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
107-02-8	Acrolein	6.60	U	1	6.60	25.0	ug/L	10/17/25 11:32	VN101725
107-13-1	Acrylonitrile	2.80	U	1	2.80	25.0	ug/L	10/17/25 11:32	VN101725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	32.3			91 - 110	108%	SPK: 30		
2037-26-5	Toluene-d8	31.2			91 - 112	104%	SPK: 30		
460-00-4	4-Bromofluorobenzene	28.9			63 - 112	96%	SPK: 30		
INTERNAL STANDARDS									
		Area Count							
74-97-5	Bromochloromethane	35300							
540-36-3	1,4-Difluorobenzene	198000							
3114-55-4	Chlorobenzene-d5	171000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q3361	OrderDate:	10/16/2025 9:52:00 AM
Client:	Garden State Laboratories, Inc.	Project:	Waste Water 2025
Contact:	Sharon Ercoliani	Location:	VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3361-01	VOA 251015111-01	Water	VOCMS Group1	624.1	10/15/25		10/17/25	10/16/25
Q3361-02	Trip blank 251015076-04	Water	VOCMS Group1	624.1	10/15/25		10/17/25	10/16/25

Hit Summary Sheet
SW-846

SDG No.: Q3361

Client: Garden State Laboratories, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	VOA 251015111-01							
Q3361-01	VOA 251015111-01 Water		Vinyl Chloride	0.37	J	0.26	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		Acetone	1700	E	1.50	5.00	ug/L
Q3361-01	VOA 251015111-01 Water		Methyl tert-butyl Ether	2.70		0.16	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		Methyl Acetate	8.10		0.27	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		Methylene Chloride	1.60		0.28	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		2-Butanone	2400	E	0.98	5.00	ug/L
Q3361-01	VOA 251015111-01 Water		Benzene	5.70		0.15	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		1,2-Dichloroethane	2.00		0.22	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		4-Methyl-2-Pentanone	13.6		0.68	5.00	ug/L
Q3361-01	VOA 251015111-01 Water		Toluene	19.8		0.14	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		Chlorobenzene	2.10		0.12	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		Ethyl Benzene	12.0		0.13	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		m/p-Xylenes	11.9		0.24	2.00	ug/L
Q3361-01	VOA 251015111-01 Water		o-Xylene	6.90		0.12	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		Styrene	0.99	J	0.15	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		Isopropylbenzene	1.70		0.12	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		1,4-Dichlorobenzene	3.40		0.19	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		1,2-Dichlorobenzene	0.27	J	0.16	1.00	ug/L
			Total Voc :			4190		
Q3361-01	VOA 251015111-01 Water		(+)-2-Bornanone	* 56.2	J	0	0	ug/L
Q3361-01	VOA 251015111-01 Water		Eucalyptol	* 11.0	J	0	0	ug/L
Q3361-01	VOA 251015111-01 Water		Fenchone	* 33.5	J	0	0	ug/L
Q3361-01	VOA 251015111-01 Water		Cyclohexene,1-(2-methylpropy	* 29.6	J	0	0	ug/L
Q3361-01	VOA 251015111-01 Water		3-Hexanone, 2-methyl-	* 14.7	J	0	0	ug/L
Q3361-01	VOA 251015111-01 Water		Ethyl Acetate	* 24.5	J	0.31	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		Isopropyl Acetate	* 2.70	J	0.32	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		Tetrahydrofuran	* 800	J	0.99	5.00	ug/L
Q3361-01	VOA 251015111-01 Water		Tert butyl alcohol	* 7600	J	5.50	25.0	ug/L
Q3361-01	VOA 251015111-01 Water		Diethyl Ether	* 6.10	J	0.31	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		n-propylbenzene	* 0.54	J	0.13	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		1,3,5-Trimethylbenzene	* 1.00	J	0.15	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		1,2,4-Trimethylbenzene	* 4.00	J	0.14	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		p-Isopropyltoluene	* 9.70	J	0.13	1.00	ug/L
Q3361-01	VOA 251015111-01 Water		Naphthalene	* 33.0	J	0.20	1.00	ug/L
			Total Tics :			8630		
			Total Concentration:			12800		

Hit Summary Sheet
SW-846

SDG No.: Q3361

Client: Garden State Laboratories, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: VOA 251015111-01DL								
Q3361-01DL	VOA 251015111-01	Water	Acetone	1300	D	15.1	50.0	ug/L
Q3361-01DL	VOA 251015111-01	Water	2-Butanone	1500	D	9.80	50.0	ug/L
Q3361-01DL	VOA 251015111-01	Water	Benzene	4.60	JD	1.50	10.0	ug/L
Q3361-01DL	VOA 251015111-01	Water	Toluene	12.8	D	1.40	10.0	ug/L
Q3361-01DL	VOA 251015111-01	Water	Ethyl Benzene	7.70	JD	1.30	10.0	ug/L
Q3361-01DL	VOA 251015111-01	Water	m/p-Xylenes	6.90	JD	2.40	20.0	ug/L
Q3361-01DL	VOA 251015111-01	Water	o-Xylene	4.40	JD	1.20	10.0	ug/L
Total Voc :				2840				
Total Concentration:				2840				



SAMPLE DATA

A

B

C

D

Report of Analysis

Client: Garden State Laboratories, Inc.
Project: Waste Water 2025
Client Sample ID: VOA 251015111-01
Lab Sample ID: Q3361-01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/15/25
Date Received: 10/16/25
SDG No.: Q3361
Matrix: Water
% Solid: 0
Test: VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	10/17/25 18:37	VX101725
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	10/17/25 18:37	VX101725
75-01-4	Vinyl Chloride	0.37	J	1	0.26	1.00	ug/L	10/17/25 18:37	VX101725
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	10/17/25 18:37	VX101725
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	10/17/25 18:37	VX101725
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	10/17/25 18:37	VX101725
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	10/17/25 18:37	VX101725
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/17/25 18:37	VX101725
67-64-1	Acetone	1700	E	1	1.50	5.00	ug/L	10/17/25 18:37	VX101725
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	10/17/25 18:37	VX101725
1634-04-4	Methyl tert-butyl Ether	2.70		1	0.16	1.00	ug/L	10/17/25 18:37	VX101725
79-20-9	Methyl Acetate	8.10		1	0.27	1.00	ug/L	10/17/25 18:37	VX101725
75-09-2	Methylene Chloride	1.60		1	0.28	1.00	ug/L	10/17/25 18:37	VX101725
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/17/25 18:37	VX101725
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	10/17/25 18:37	VX101725
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	10/17/25 18:37	VX101725
78-93-3	2-Butanone	2400	E	1	0.98	5.00	ug/L	10/17/25 18:37	VX101725
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	10/17/25 18:37	VX101725
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	10/17/25 18:37	VX101725
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	10/17/25 18:37	VX101725
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	10/17/25 18:37	VX101725
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	10/17/25 18:37	VX101725
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	10/17/25 18:37	VX101725
71-43-2	Benzene	5.70		1	0.15	1.00	ug/L	10/17/25 18:37	VX101725
107-06-2	1,2-Dichloroethane	2.00		1	0.22	1.00	ug/L	10/17/25 18:37	VX101725
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	10/17/25 18:37	VX101725
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	10/17/25 18:37	VX101725
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	10/17/25 18:37	VX101725
108-10-1	4-Methyl-2-Pentanone	13.6		1	0.68	5.00	ug/L	10/17/25 18:37	VX101725
108-88-3	Toluene	19.8		1	0.14	1.00	ug/L	10/17/25 18:37	VX101725
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	10/17/25 18:37	VX101725
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	10/17/25 18:37	VX101725
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	10/17/25 18:37	VX101725
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	10/17/25 18:37	VX101725
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	10/17/25 18:37	VX101725
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	10/17/25 18:37	VX101725
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	10/17/25 18:37	VX101725
108-90-7	Chlorobenzene	2.10		1	0.12	1.00	ug/L	10/17/25 18:37	VX101725
100-41-4	Ethyl Benzene	12.0		1	0.13	1.00	ug/L	10/17/25 18:37	VX101725
179601-23-1	m/p-Xylenes	11.9		1	0.24	2.00	ug/L	10/17/25 18:37	VX101725
95-47-6	o-Xylene	6.90		1	0.12	1.00	ug/L	10/17/25 18:37	VX101725
100-42-5	Styrene	0.99	J	1	0.15	1.00	ug/L	10/17/25 18:37	VX101725
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	10/17/25 18:37	VX101725

Report of Analysis

Client: Garden State Laboratories, Inc.
Project: Waste Water 2025
Client Sample ID: VOA 251015111-01
Lab Sample ID: Q3361-01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/15/25
Date Received: 10/16/25
SDG No.: Q3361
Matrix: Water
% Solid: 0
Test: VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.70		1	0.12	1.00	ug/L	10/17/25 18:37	VX101725
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	10/17/25 18:37	VX101725
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	10/17/25 18:37	VX101725
106-46-7	1,4-Dichlorobenzene	3.40		1	0.19	1.00	ug/L	10/17/25 18:37	VX101725
95-50-1	1,2-Dichlorobenzene	0.27	J	1	0.16	1.00	ug/L	10/17/25 18:37	VX101725
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	10/17/25 18:37	VX101725
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/17/25 18:37	VX101725
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/17/25 18:37	VX101725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.0			74 - 125	100%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.0			75 - 124	100%	SPK: 50		
2037-26-5	Toluene-d8	48.0			86 - 113	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.8			77 - 121	118%	SPK: 50		
INTERNAL STANDARDS									
363-72-4	Pentafluorobenzene	77400							
540-36-3	1,4-Difluorobenzene	149000							
3114-55-4	Chlorobenzene-d5	160000							
3855-82-1	1,4-Dichlorobenzene-d4	85700							
TENTATIVE IDENTIFIED COMPOUNDS									
60-29-7	Diethyl Ether	6.10	J			2.14	ug/L		
75-65-0	Tert butyl alcohol	7600	J			2.93	ug/L		
141-78-6	Ethyl Acetate	24.5	J			4.70	ug/L		
109-99-9	Tetrahydrofuran	800	J			4.98	ug/L		
108-21-4	Isopropyl Acetate	2.70	J			6.33	ug/L		
007379-12-6	3-Hexanone, 2-methyl-	14.7	J			9.36	ug/L		
103-65-1	n-propylbenzene	0.54	J			11.3	ug/L		
108-67-8	1,3,5-Trimethylbenzene	1.00	J			11.4	ug/L		
95-63-6	1,2,4-Trimethylbenzene	4.00	J			11.7	ug/L		
99-87-6	p-Isopropyltoluene	9.70	J			12.0	ug/L		
000470-82-6	Eucalyptol	11.0	J			12.1	ug/L		
001195-79-5	Fenchone	33.5	J			12.9	ug/L		
000464-49-3	(+)-2-Bornanone	56.2	J			13.5	ug/L		
003983-03-7	Cyclohexene,1-(2-methylpropyl)-	29.6	J			13.6	ug/L		
91-20-3	Naphthalene	33.0	J			13.8	ug/L		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Garden State Laboratories, Inc.
Project: Waste Water 2025
Client Sample ID: VOA 251015111-01DL
Lab Sample ID: Q3361-01DL
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/15/25
Date Received: 10/16/25
SDG No.: Q3361
Matrix: Water
% Solid: 0
Test: VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	2.20	UD	10	2.20	10.0	ug/L	10/21/25 17:07	VX102125
74-87-3	Chloromethane	3.20	UD	10	3.20	10.0	ug/L	10/21/25 17:07	VX102125
75-01-4	Vinyl Chloride	2.60	UD	10	2.60	10.0	ug/L	10/21/25 17:07	VX102125
74-83-9	Bromomethane	14.4	UD	10	14.4	50.0	ug/L	10/21/25 17:07	VX102125
75-00-3	Chloroethane	4.70	UD	10	4.70	10.0	ug/L	10/21/25 17:07	VX102125
75-69-4	Trichlorofluoromethane	3.30	UD	10	3.30	10.0	ug/L	10/21/25 17:07	VX102125
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	UD	10	2.50	10.0	ug/L	10/21/25 17:07	VX102125
75-35-4	1,1-Dichloroethene	2.30	UD	10	2.30	10.0	ug/L	10/21/25 17:07	VX102125
67-64-1	Acetone	1300	D	10	15.1	50.0	ug/L	10/21/25 17:07	VX102125
75-15-0	Carbon Disulfide	2.10	UD	10	2.10	10.0	ug/L	10/21/25 17:07	VX102125
1634-04-4	Methyl tert-butyl Ether	1.60	UD	10	1.60	10.0	ug/L	10/21/25 17:07	VX102125
79-20-9	Methyl Acetate	2.70	UD	10	2.70	10.0	ug/L	10/21/25 17:07	VX102125
75-09-2	Methylene Chloride	2.80	UD	10	2.80	10.0	ug/L	10/21/25 17:07	VX102125
156-60-5	trans-1,2-Dichloroethene	2.30	UD	10	2.30	10.0	ug/L	10/21/25 17:07	VX102125
75-34-3	1,1-Dichloroethane	2.30	UD	10	2.30	10.0	ug/L	10/21/25 17:07	VX102125
110-82-7	Cyclohexane	14.5	UD	10	14.5	50.0	ug/L	10/21/25 17:07	VX102125
78-93-3	2-Butanone	1500	D	10	9.80	50.0	ug/L	10/21/25 17:07	VX102125
56-23-5	Carbon Tetrachloride	2.50	UD	10	2.50	10.0	ug/L	10/21/25 17:07	VX102125
156-59-2	cis-1,2-Dichloroethene	1.90	UD	10	1.90	10.0	ug/L	10/21/25 17:07	VX102125
74-97-5	Bromochloromethane	2.20	UD	10	2.20	10.0	ug/L	10/21/25 17:07	VX102125
67-66-3	Chloroform	2.50	UD	10	2.50	10.0	ug/L	10/21/25 17:07	VX102125
71-55-6	1,1,1-Trichloroethane	2.00	UD	10	2.00	10.0	ug/L	10/21/25 17:07	VX102125
108-87-2	Methylcyclohexane	1.60	UD	10	1.60	10.0	ug/L	10/21/25 17:07	VX102125
71-43-2	Benzene	4.60	JD	10	1.50	10.0	ug/L	10/21/25 17:07	VX102125
107-06-2	1,2-Dichloroethane	2.20	UD	10	2.20	10.0	ug/L	10/21/25 17:07	VX102125
79-01-6	Trichloroethene	0.93	UD	10	0.93	10.0	ug/L	10/21/25 17:07	VX102125
78-87-5	1,2-Dichloropropane	2.00	UD	10	2.00	10.0	ug/L	10/21/25 17:07	VX102125
75-27-4	Bromodichloromethane	2.20	UD	10	2.20	10.0	ug/L	10/21/25 17:07	VX102125
108-10-1	4-Methyl-2-Pentanone	6.80	UD	10	6.80	50.0	ug/L	10/21/25 17:07	VX102125
108-88-3	Toluene	12.8	D	10	1.40	10.0	ug/L	10/21/25 17:07	VX102125
10061-02-6	t-1,3-Dichloropropene	1.70	UD	10	1.70	10.0	ug/L	10/21/25 17:07	VX102125
10061-01-5	cis-1,3-Dichloropropene	1.60	UD	10	1.60	10.0	ug/L	10/21/25 17:07	VX102125
79-00-5	1,1,2-Trichloroethane	2.10	UD	10	2.10	10.0	ug/L	10/21/25 17:07	VX102125
591-78-6	2-Hexanone	8.90	UD	10	8.90	50.0	ug/L	10/21/25 17:07	VX102125
124-48-1	Dibromochloromethane	1.80	UD	10	1.80	10.0	ug/L	10/21/25 17:07	VX102125
106-93-4	1,2-Dibromoethane	1.50	UD	10	1.50	10.0	ug/L	10/21/25 17:07	VX102125
127-18-4	Tetrachloroethene	2.30	UD	10	2.30	10.0	ug/L	10/21/25 17:07	VX102125
108-90-7	Chlorobenzene	1.20	UD	10	1.20	10.0	ug/L	10/21/25 17:07	VX102125
100-41-4	Ethyl Benzene	7.70	JD	10	1.30	10.0	ug/L	10/21/25 17:07	VX102125
179601-23-1	m/p-Xylenes	6.90	JD	10	2.40	20.0	ug/L	10/21/25 17:07	VX102125
95-47-6	o-Xylene	4.40	JD	10	1.20	10.0	ug/L	10/21/25 17:07	VX102125
100-42-5	Styrene	1.50	UD	10	1.50	10.0	ug/L	10/21/25 17:07	VX102125
75-25-2	Bromoform	1.90	UD	10	1.90	10.0	ug/L	10/21/25 17:07	VX102125

Report of Analysis

Client: Garden State Laboratories, Inc.
Project: Waste Water 2025
Client Sample ID: VOA 251015111-01DL
Lab Sample ID: Q3361-01DL
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/15/25
Date Received: 10/16/25
SDG No.: Q3361
Matrix: Water
% Solid: 0
Test: VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.20	UD	10	1.20	10.0	ug/L	10/21/25 17:07	VX102125
79-34-5	1,1,2,2-Tetrachloroethane	2.60	UD	10	2.60	10.0	ug/L	10/21/25 17:07	VX102125
541-73-1	1,3-Dichlorobenzene	1.60	UD	10	1.60	10.0	ug/L	10/21/25 17:07	VX102125
106-46-7	1,4-Dichlorobenzene	1.90	UD	10	1.90	10.0	ug/L	10/21/25 17:07	VX102125
95-50-1	1,2-Dichlorobenzene	1.60	UD	10	1.60	10.0	ug/L	10/21/25 17:07	VX102125
96-12-8	1,2-Dibromo-3-Chloropropane	5.30	UD	10	5.30	10.0	ug/L	10/21/25 17:07	VX102125
120-82-1	1,2,4-Trichlorobenzene	2.00	UD	10	2.00	10.0	ug/L	10/21/25 17:07	VX102125
87-61-6	1,2,3-Trichlorobenzene	2.00	UD	10	2.00	10.0	ug/L	10/21/25 17:07	VX102125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.0			74 - 125	110%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.4			75 - 124	97%	SPK: 50		
2037-26-5	Toluene-d8	47.9			86 - 113	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.9			77 - 121	116%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	106000							
540-36-3	1,4-Difluorobenzene	201000							
3114-55-4	Chlorobenzene-d5	219000							
3855-82-1	1,4-Dichlorobenzene-d4	121000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Garden State Laboratories, Inc.
Project: Waste Water 2025
Client Sample ID: Trip blank 251015076-04
Lab Sample ID: Q3361-02
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/15/25
Date Received: 10/16/25
SDG No.: Q3361
Matrix: Water
% Solid: 0
Test: VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	10/17/25 14:51	VX101725
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	10/17/25 14:51	VX101725
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	10/17/25 14:51	VX101725
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	10/17/25 14:51	VX101725
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	10/17/25 14:51	VX101725
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	10/17/25 14:51	VX101725
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	10/17/25 14:51	VX101725
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/17/25 14:51	VX101725
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	10/17/25 14:51	VX101725
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	10/17/25 14:51	VX101725
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	10/17/25 14:51	VX101725
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	10/17/25 14:51	VX101725
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	10/17/25 14:51	VX101725
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/17/25 14:51	VX101725
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	10/17/25 14:51	VX101725
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	10/17/25 14:51	VX101725
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	10/17/25 14:51	VX101725
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	10/17/25 14:51	VX101725
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	10/17/25 14:51	VX101725
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	10/17/25 14:51	VX101725
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	10/17/25 14:51	VX101725
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	10/17/25 14:51	VX101725
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	10/17/25 14:51	VX101725
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	10/17/25 14:51	VX101725
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	10/17/25 14:51	VX101725
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	10/17/25 14:51	VX101725
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	10/17/25 14:51	VX101725
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	10/17/25 14:51	VX101725
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	10/17/25 14:51	VX101725
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	10/17/25 14:51	VX101725
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	10/17/25 14:51	VX101725
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	10/17/25 14:51	VX101725
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	10/17/25 14:51	VX101725
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	10/17/25 14:51	VX101725
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	10/17/25 14:51	VX101725
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	10/17/25 14:51	VX101725
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	10/17/25 14:51	VX101725
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	10/17/25 14:51	VX101725
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	10/17/25 14:51	VX101725
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	10/17/25 14:51	VX101725
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	10/17/25 14:51	VX101725
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	10/17/25 14:51	VX101725
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	10/17/25 14:51	VX101725

Report of Analysis

Client: Garden State Laboratories, Inc.
Project: Waste Water 2025
Client Sample ID: Trip blank 251015076-04
Lab Sample ID: Q3361-02
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/15/25
Date Received: 10/16/25
SDG No.: Q3361
Matrix: Water
% Solid: 0
Test: VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	10/17/25 14:51	VX101725
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	10/17/25 14:51	VX101725
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	10/17/25 14:51	VX101725
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	10/17/25 14:51	VX101725
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	10/17/25 14:51	VX101725
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	10/17/25 14:51	VX101725
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/17/25 14:51	VX101725
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/17/25 14:51	VX101725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.9			74 - 125	116%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.4			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	47.6			86 - 113	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.9			77 - 121	116%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	105000							
540-36-3	1,4-Difluorobenzene	219000							
3114-55-4	Chlorobenzene-d5	233000							
3855-82-1	1,4-Dichlorobenzene-d4	119000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q3361	OrderDate:	10/16/2025 9:52:00 AM
Client:	Garden State Laboratories, Inc.	Project:	Waste Water 2025
Contact:	Sharon Ercoliani	Location:	VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3361-01	VOA 251015111-01	Water			10/15/25			10/16/25
			VOCMS Group1	624.1				
			VOCMS Group2	8260-Low			10/17/25 10/17/25	
Q3361-01DL	VOA 251015111-01DL	Water			10/15/25			10/16/25
			VOCMS Group2	8260-Low			10/21/25	
Q3361-02	Trip blank 251015076-04	Water			10/15/25			10/16/25
			VOCMS Group1	624.1			10/17/25	
			VOCMS Group2	8260-Low			10/17/25	