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

Hit Summary Sheet
624.1

SDG No.: Q2302

Client: Garden State Laboratories, Inc.

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

0

Total Voc :

Total Concentration:

SAMPLE DATA

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

Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	06/11/25
Project:	Waste Water 2025	Date Received:	06/12/25
Client Sample ID:	250611078-02-VOA	SDG No.:	Q2302
Lab Sample ID:	Q2302-01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046680.D	1		06/13/25 11:37	VX061325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
107-02-8	Acrolein	6.60	UQ	6.60	25.0	ug/L
107-13-1	Acrylonitrile	2.80	U	2.80	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.8		91 - 110	103%	SPK: 30
2037-26-5	Toluene-d8	28.8		91 - 112	96%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.4		63 - 112	101%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	15700	4.916			
540-36-3	1,4-Difluorobenzene	86800	6.775			
3114-55-4	Chlorobenzene-d5	80400	10.055			

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	06/11/25
Project:	Waste Water 2025	Date Received:	06/12/25
Client Sample ID:	250611056-09-TRIP-BLANK	SDG No.:	Q2302
Lab Sample ID:	Q2302-02	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046679.D	1		06/13/25 11:15	VX061325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
107-02-8	Acrolein	6.60	UQ	6.60	25.0	ug/L
107-13-1	Acrylonitrile	2.80	U	2.80	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	32.1		91 - 110	107%	SPK: 30
2037-26-5	Toluene-d8	28.3		91 - 112	94%	SPK: 30
460-00-4	4-Bromofluorobenzene	27.9		63 - 112	93%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	16300	4.91			
540-36-3	1,4-Difluorobenzene	91100	6.769			
3114-55-4	Chlorobenzene-d5	85700	10.055			

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
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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LAB CHRONICLE

OrderID:	Q2302	**OrderDate:**	6/12/2025 12:09:00 PM
Client:	Garden State Laboratories, Inc.	**Project:**	Waste Water 2025
Contact:	Sharon Ercoliani	**Location:**	VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2302-01	**250611078-02-VOA**	**Water**			**06/11/25**			**06/12/25**
			VOCMS Group1	624.1			06/13/25	
Q2302-02	**250611056-09-TRIP-BLANK**	**Water**			**06/11/25**			**06/12/25**
			VOCMS Group1	624.1			06/13/25	

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Hit Summary Sheet
8260-Low

SDG No.: Q2302

Client: Garden State Laboratories, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**250611078-02-VOA**								
Q2302-01	250611078-02-VOA	Water	Acetone		310		1.50	5.00	ug/L
Q2302-01	250611078-02-VOA	Water	Carbon Disulfide		4.20		0.21	1.00	ug/L
Q2302-01	250611078-02-VOA	Water	Methyl tert-butyl Ether		2.70		0.16	1.00	ug/L
Q2302-01	250611078-02-VOA	Water	2-Butanone		240		0.98	5.00	ug/L
Q2302-01	250611078-02-VOA	Water	Benzene		5.40		0.15	1.00	ug/L
Q2302-01	250611078-02-VOA	Water	4-Methyl-2-Pentanone		7.40	Q	0.68	5.00	ug/L
Q2302-01	250611078-02-VOA	Water	Toluene		15.8		0.14	1.00	ug/L
Q2302-01	250611078-02-VOA	Water	Chlorobenzene		3.10		0.12	1.00	ug/L
Q2302-01	250611078-02-VOA	Water	Ethyl Benzene		16.1		0.13	1.00	ug/L
Q2302-01	250611078-02-VOA	Water	m/p-Xylenes		14.6		0.24	2.00	ug/L
Q2302-01	250611078-02-VOA	Water	o-Xylene		8.50		0.12	1.00	ug/L
Q2302-01	250611078-02-VOA	Water	Isopropylbenzene		2.00		0.12	1.00	ug/L
Q2302-01	250611078-02-VOA	Water	1,4-Dichlorobenzene		3.70	Q	0.19	1.00	ug/L
			Total Voc :		634				
Q2302-01	250611078-02-VOA	Water	Methanethiol	*	16.6	J	0	0	ug/L
Q2302-01	250611078-02-VOA	Water	.alpha.-Terpineol	*	30.3	J	0	0	ug/L
Q2302-01	250611078-02-VOA	Water	Dimethyl ether	*	16.7	J	0	0	ug/L
Q2302-01	250611078-02-VOA	Water	(+)-2-Bornanone	*	140	J	0	0	ug/L
Q2302-01	250611078-02-VOA	Water	2-Butanethiol	*	19.2	J	0	0	ug/L
Q2302-01	250611078-02-VOA	Water	3-Pentanone, 2,4-dimethyl-	*	22.2	J	0	0	ug/L
Q2302-01	250611078-02-VOA	Water	Fenchone	*	89.0	J	0	0	ug/L
Q2302-01	250611078-02-VOA	Water	unknown16.005	*	24.7	J	0	0	ug/L
Q2302-01	250611078-02-VOA	Water	Tetrahydrofuran	*	700	J	0.99	5.00	ug/L
Q2302-01	250611078-02-VOA	Water	Tert butyl alcohol	*	7400	J	5.50	25.0	ug/L
Q2302-01	250611078-02-VOA	Water	Diethyl Ether	*	3.70	J	0.31	1.00	ug/L
Q2302-01	250611078-02-VOA	Water	n-propylbenzene	*	0.84	J	0.13	1.00	ug/L
Q2302-01	250611078-02-VOA	Water	1,3,5-Trimethylbenzene	*	1.30	J	0.15	1.00	ug/L
Q2302-01	250611078-02-VOA	Water	1,2,4-Trimethylbenzene	*	4.60	J	0.14	1.00	ug/L
Q2302-01	250611078-02-VOA	Water	p-Isopropyltoluene	*	16.6	J	0.13	1.00	ug/L
Q2302-01	250611078-02-VOA	Water	Naphthalene	*	28.0	J	0.20	1.00	ug/L
			Total Tics :		8510				
			Total Concentration:		9150				
Client ID:	**250611078-02-VOARE**								
Q2302-01RE	250611078-02-VOA	Water	Acetone		300		1.50	5.00	ug/L
Q2302-01RE	250611078-02-VOA	Water	Carbon Disulfide		3.70	Q	0.21	1.00	ug/L
Q2302-01RE	250611078-02-VOA	Water	Methyl tert-butyl Ether		3.00		0.16	1.00	ug/L

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Hit Summary Sheet
8260-Low

SDG No.: Q2302

Client: Garden State Laboratories, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2302-01RE	250611078-02-VOA	Water	2-Butanone	250		0.98	5.00	ug/L
Q2302-01RE	250611078-02-VOA	Water	Benzene	5.80		0.15	1.00	ug/L
Q2302-01RE	250611078-02-VOA	Water	4-Methyl-2-Pentanone	7.80		0.68	5.00	ug/L
Q2302-01RE	250611078-02-VOA	Water	Toluene	17.0		0.14	1.00	ug/L
Q2302-01RE	250611078-02-VOA	Water	Chlorobenzene	3.30		0.12	1.00	ug/L
Q2302-01RE	250611078-02-VOA	Water	Ethyl Benzene	17.8		0.13	1.00	ug/L
Q2302-01RE	250611078-02-VOA	Water	m/p-Xylenes	17.0		0.24	2.00	ug/L
Q2302-01RE	250611078-02-VOA	Water	o-Xylene	9.40	Q	0.12	1.00	ug/L
Q2302-01RE	250611078-02-VOA	Water	Isopropylbenzene	2.30		0.12	1.00	ug/L
Q2302-01RE	250611078-02-VOA	Water	1,4-Dichlorobenzene	4.20		0.19	1.00	ug/L
			Total Voc :	641				
			Total Concentration:	641				

SAMPLE DATA

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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	06/11/25
Project:	Waste Water 2025	Date Received:	06/12/25
Client Sample ID:	250611078-02-VOA	SDG No.:	Q2302
Lab Sample ID:	Q2302-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086980.D	1		06/12/25 16:17	VN061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	310		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	4.20		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	2.70		0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	240		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	UQ	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	5.40		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	UQ	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	UQ	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	7.40	Q	0.68	5.00	ug/L
108-88-3	Toluene	15.8		0.14	1.00	ug/L

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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	06/11/25
Project:	Waste Water 2025	Date Received:	06/12/25
Client Sample ID:	250611078-02-VOA	SDG No.:	Q2302
Lab Sample ID:	Q2302-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086980.D	1		06/12/25 16:17	VN061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	UQ	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	UQ	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	UQ	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	UQ	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	UQ	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	3.10		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	16.1		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	14.6		0.24	2.00	ug/L
95-47-6	o-Xylene	8.50		0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	UQ	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	2.00		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	UQ	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	3.70	Q	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	UQ	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.7		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	52.9		86 - 113	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	215000	8.235			
540-36-3	1,4-Difluorobenzene	416000	9.106			
3114-55-4	Chlorobenzene-d5	381000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	186000	13.794			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	06/11/25
Project:	Waste Water 2025	Date Received:	06/12/25
Client Sample ID:	250611078-02-VOA	SDG No.:	Q2302
Lab Sample ID:	Q2302-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086980.D	1		06/12/25 16:17	VN061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000115-10-6	Dimethyl ether	16.7	J		2.32	ug/L
000074-93-1	Methanethiol	16.6	J		2.88	ug/L
60-29-7	Diethyl Ether	3.70	J		3.97	ug/L
75-65-0	Tert butyl alcohol	7400	J		5.54	ug/L
109-99-9	Tetrahydrofuran	700	J		7.85	ug/L
000513-53-1	2-Butanethiol	19.2	J		8.67	ug/L
000565-80-0	3-Pentanone, 2,4-dimethyl-	22.2	J		11.2	ug/L
103-65-1	n-propylbenzene	0.84	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	1.30	J		13.2	ug/L
95-63-6	1,2,4-Trimethylbenzene	4.60	J		13.5	ug/L
99-87-6	p-Isopropyltoluene	16.6	J		13.7	ug/L
001195-79-5	Fenchone	89.0	J		14.7	ug/L
000464-49-3	(+)-2-Bornanone	140	J		15.3	ug/L
000098-55-5	.alpha.-Terpineol	30.3	J		15.5	ug/L
91-20-3	Naphthalene	28.0	J		15.6	ug/L
002547-27-5	unknown16.005	24.7	J		16.0	ug/L

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
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	06/11/25
Project:	Waste Water 2025	Date Received:	06/12/25
Client Sample ID:	250611078-02-VOARE	SDG No.:	Q2302
Lab Sample ID:	Q2302-01RE	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087014.D	1		06/13/25 19:51	VN061325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	UQ	0.23	1.00	ug/L
67-64-1	Acetone	300		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	3.70	Q	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	3.00		0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	250		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	5.80		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	7.80		0.68	5.00	ug/L
108-88-3	Toluene	17.0		0.14	1.00	ug/L

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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	06/11/25
Project:	Waste Water 2025	Date Received:	06/12/25
Client Sample ID:	250611078-02-VOARE	SDG No.:	Q2302
Lab Sample ID:	Q2302-01RE	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087014.D	1		06/13/25 19:51	VN061325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	3.30		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	17.8		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	17.0		0.24	2.00	ug/L
95-47-6	o-Xylene	9.40	Q	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	UQ	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	2.30		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	4.20		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	53.0		86 - 113	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	195000	8.23			
540-36-3	1,4-Difluorobenzene	391000	9.106			
3114-55-4	Chlorobenzene-d5	359000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	172000	13.788			

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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	06/11/25
Project:	Waste Water 2025	Date Received:	06/12/25
Client Sample ID:	250611078-02-VOARE	SDG No.:	Q2302
Lab Sample ID:	Q2302-01RE	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087014.D	1		06/13/25 19:51	VN061325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	06/11/25
Project:	Waste Water 2025	Date Received:	06/12/25
Client Sample ID:	250611056-09-TRIP-BLANK	SDG No.:	Q2302
Lab Sample ID:	Q2302-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086983.D	1		06/12/25 17:25	VN061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	UQ	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	UQ	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	UQ	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	UQ	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	06/11/25
Project:	Waste Water 2025	Date Received:	06/12/25
Client Sample ID:	250611056-09-TRIP-BLANK	SDG No.:	Q2302
Lab Sample ID:	Q2302-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086983.D	1		06/12/25 17:25	VN061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	UQ	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	UQ	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	UQ	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	UQ	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	UQ	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	UQ	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	UQ	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	UQ	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	UQ	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.0		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	51.7		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	289000	8.235			
540-36-3	1,4-Difluorobenzene	558000	9.106			
3114-55-4	Chlorobenzene-d5	494000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	235000	13.788			

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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	06/11/25
Project:	Waste Water 2025	Date Received:	06/12/25
Client Sample ID:	250611056-09-TRIP-BLANK	SDG No.:	Q2302
Lab Sample ID:	Q2302-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086983.D	1		06/12/25 17:25	VN061225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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LAB CHRONICLE

OrderID:	Q2302	**OrderDate:**	6/12/2025 12:09:00 PM
Client:	Garden State Laboratories, Inc.	**Project:**	Waste Water 2025
Contact:	Sharon Ercoliani	**Location:**	VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2302-01	**250611078-02-VOA**	**Water**			**06/11/25**			**06/12/25**
			VOCMS Group1	624.1			06/13/25	
			VOCMS Group2	8260-Low			06/12/25	
Q2302-01RE	**250611078-02-VOARE**	**Water**			**06/11/25**			**06/12/25**
			VOCMS Group2	8260-Low			06/13/25	
Q2302-02	**250611056-09-TRIP-BLANK**	**Water**			**06/11/25**			**06/12/25**
			VOCMS Group1	624.1			06/13/25	
			VOCMS Group2	8260-Low			06/12/25	