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

Hit Summary Sheet
SW-846

SDG No.: Q2790

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:	08/06/25
Project:	Waste Water 2025	Date Received:	08/07/25
Client Sample ID:	250806078-01 VOA	SDG No.:	Q2790
Lab Sample ID:	Q2790-01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087490.D	1	08/07/25 13:31	VN080725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
107-02-8	Acrolein	6.60	U	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	34.8	*	91 - 110	116%	SPK: 30
2037-26-5	Toluene-d8	29.5		91 - 112	98%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.5		63 - 112	95%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	54600	7.794			
540-36-3	1,4-Difluorobenzene	316000	9.082			
3114-55-4	Chlorobenzene-d5	290000	11.847			

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:	08/06/25
Project:	Waste Water 2025	Date Received:	08/07/25
Client Sample ID:	250806062-03 Trip blank	SDG No.:	Q2790
Lab Sample ID:	Q2790-02	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087489.D	1	08/07/25 13:10	VN080725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
107-02-8	Acrolein	6.60	U	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	30.3		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.7		63 - 112	96%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	57400	7.794			
540-36-3	1,4-Difluorobenzene	316000	9.083			
3114-55-4	Chlorobenzene-d5	282000	11.847			

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

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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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LAB CHRONICLE

OrderID:	Q2790	**OrderDate:**	8/7/2025 8:49:00 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
Q2790-01	**250806078-01 VOA**	**Water**			**08/06/25**			**08/07/25**
			VOCMS Group1	624.1			08/07/25	
Q2790-02	**250806062-03 Trip blank**	**Water**			**08/06/25**			**08/07/25**
			VOCMS Group1	624.1			08/07/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2790

Client: Garden State Laboratories, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**250806078-01 VOA**								
Q2790-01	250806078-01 VOA	Water	Acetone		1300	E	1.50	5.00	ug/L
Q2790-01	250806078-01 VOA	Water	Carbon Disulfide		6.90		0.21	1.00	ug/L
Q2790-01	250806078-01 VOA	Water	Methyl tert-butyl Ether		1.70		0.16	1.00	ug/L
Q2790-01	250806078-01 VOA	Water	Methylene Chloride		0.61	J	0.28	1.00	ug/L
Q2790-01	250806078-01 VOA	Water	2-Butanone		1500	E	0.98	5.00	ug/L
Q2790-01	250806078-01 VOA	Water	Benzene		4.10		0.15	1.00	ug/L
Q2790-01	250806078-01 VOA	Water	1,2-Dichloroethane		1.90		0.22	1.00	ug/L
Q2790-01	250806078-01 VOA	Water	4-Methyl-2-Pentanone		15.8		0.68	5.00	ug/L
Q2790-01	250806078-01 VOA	Water	Toluene		7.00		0.14	1.00	ug/L
Q2790-01	250806078-01 VOA	Water	Chlorobenzene		1.40		0.12	1.00	ug/L
Q2790-01	250806078-01 VOA	Water	Ethyl Benzene		9.10		0.13	1.00	ug/L
Q2790-01	250806078-01 VOA	Water	m/p-Xylenes		8.00		0.24	2.00	ug/L
Q2790-01	250806078-01 VOA	Water	o-Xylene		4.90		0.12	1.00	ug/L
Q2790-01	250806078-01 VOA	Water	Isopropylbenzene		0.96	J	0.12	1.00	ug/L
Q2790-01	250806078-01 VOA	Water	1,4-Dichlorobenzene		4.20		0.19	1.00	ug/L
Q2790-01	250806078-01 VOA	Water	1,2-Dichlorobenzene		0.54	J	0.16	1.00	ug/L
			Total Voc :		2870				
Q2790-01	250806078-01 VOA	Water	Methanethiol	*	8.40	J	0	0	ug/L
Q2790-01	250806078-01 VOA	Water	2-Pentanone	*	28.3	J	0	0	ug/L
Q2790-01	250806078-01 VOA	Water	unknown1.160	*	11.0	J	0	0	ug/L
Q2790-01	250806078-01 VOA	Water	(+)-2-Bornanone	*	24.2	J	0	0	ug/L
Q2790-01	250806078-01 VOA	Water	Eucalyptol	*	5.80	J	0	0	ug/L
Q2790-01	250806078-01 VOA	Water	Fenchone	*	19.2	J	0	0	ug/L
Q2790-01	250806078-01 VOA	Water	Cyclohexanol, 5-methyl-2-(1-m	*	14.6	J	0	0	ug/L
Q2790-01	250806078-01 VOA	Water	2-Pentanol	*	5.10	J	0	0	ug/L
Q2790-01	250806078-01 VOA	Water	3-Hexanone, 2-methyl-	*	7.60	J	0	0	ug/L
Q2790-01	250806078-01 VOA	Water	Sulfur dioxide	*	370	J	0	0	ug/L
Q2790-01	250806078-01 VOA	Water	Tetrahydrofuran	*	320	J	0.99	5.00	ug/L
Q2790-01	250806078-01 VOA	Water	Tert butyl alcohol	*	2400	J	5.50	25.0	ug/L
Q2790-01	250806078-01 VOA	Water	Diethyl Ether	*	7.00	J	0.31	1.00	ug/L
Q2790-01	250806078-01 VOA	Water	n-propylbenzene	*	0.60	J	0.13	1.00	ug/L
Q2790-01	250806078-01 VOA	Water	1,3,5-Trimethylbenzene	*	0.68	J	0.15	1.00	ug/L
Q2790-01	250806078-01 VOA	Water	1,2,4-Trimethylbenzene	*	2.90	J	0.14	1.00	ug/L
Q2790-01	250806078-01 VOA	Water	Naphthalene	*	23.5	J	0.20	1.00	ug/L
			Total Tics :		3250				
			Total Concentration:		6120				

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Hit Summary Sheet
SW-846

SDG No.: Q2790

Client: Garden State Laboratories, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**250806078-01 VOADL**							
Q2790-01DL	250806078-01 VOA	Water	Acetone	1100	D	15.1	50.0	ug/L
Q2790-01DL	250806078-01 VOA	Water	Carbon Disulfide	8.60	JD	2.10	10.0	ug/L
Q2790-01DL	250806078-01 VOA	Water	2-Butanone	1300	D	9.80	50.0	ug/L
Q2790-01DL	250806078-01 VOA	Water	Benzene	3.00	JD	1.50	10.0	ug/L
Q2790-01DL	250806078-01 VOA	Water	4-Methyl-2-Pentanone	9.70	JD	6.80	50.0	ug/L
Q2790-01DL	250806078-01 VOA	Water	Toluene	5.20	JD	1.40	10.0	ug/L
Q2790-01DL	250806078-01 VOA	Water	Ethyl Benzene	6.50	JD	1.30	10.0	ug/L
Q2790-01DL	250806078-01 VOA	Water	m/p-Xylenes	5.70	JD	2.40	20.0	ug/L
Q2790-01DL	250806078-01 VOA	Water	o-Xylene	3.50	JD	1.20	10.0	ug/L
			Total Voc :	2440				
			Total Concentration:	2440				

SAMPLE DATA

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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	08/06/25
Project:	Waste Water 2025	Date Received:	08/07/25
Client Sample ID:	250806078-01 VOA	SDG No.:	Q2790
Lab Sample ID:	Q2790-01	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047257.D	1	08/07/25 13:06	VX080725

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	1300	E	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	6.90		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.70		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	0.61	J	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	1500	E	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	4.10		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.90		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	15.8		0.68	5.00	ug/L
108-88-3	Toluene	7.00		0.14	1.00	ug/L

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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	08/06/25
Project:	Waste Water 2025	Date Received:	08/07/25
Client Sample ID:	250806078-01 VOA	SDG No.:	Q2790
Lab Sample ID:	Q2790-01	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047257.D	1	08/07/25 13:06	VX080725

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	1.40		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	9.10		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	8.00		0.24	2.00	ug/L
95-47-6	o-Xylene	4.90		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	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.96	J	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	0.54	J	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	49.0		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	41.2		75 - 124	82%	SPK: 50
2037-26-5	Toluene-d8	45.5		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	240000	5.562			
540-36-3	1,4-Difluorobenzene	411000	6.769			
3114-55-4	Chlorobenzene-d5	377000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	196000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	08/06/25
Project:	Waste Water 2025	Date Received:	08/07/25
Client Sample ID:	250806078-01 VOA	SDG No.:	Q2790
Lab Sample ID:	Q2790-01	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047257.D	1	08/07/25 13:06	VX080725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000115-07-1	unknown1.160	11.0	J		1.16	ug/L
007446-09-5	Sulfur dioxide	370	J		1.28	ug/L
000074-93-1	Methanethiol	8.40	J		1.57	ug/L
60-29-7	Diethyl Ether	7.00	J		2.15	ug/L
75-65-0	Tert butyl alcohol	2400	J		2.95	ug/L
109-99-9	Tetrahydrofuran	320	J		5.01	ug/L
000107-87-9	2-Pentanone	28.3	J		7.46	ug/L
006032-29-7	2-Pentanol	5.10	J		7.91	ug/L
007379-12-6	3-Hexanone, 2-methyl-	7.60	J		9.38	ug/L
103-65-1	n-propylbenzene	0.60	J		11.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.68	J		11.5	ug/L
95-63-6	1,2,4-Trimethylbenzene	2.90	J		11.8	ug/L
000470-82-6	Eucalyptol	5.80	J		12.1	ug/L
001195-79-5	Fenchone	19.2	J		12.9	ug/L
000464-49-3	(+)-2-Bornanone	24.2	J		13.5	ug/L
001490-04-6	Cyclohexanol, 5-methyl-2-(1-methyl	14.6	J		13.6	ug/L
91-20-3	Naphthalene	23.5	J		13.8	ug/L

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LOQ = Limit of Quantitation
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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	08/06/25
Project:	Waste Water 2025	Date Received:	08/07/25
Client Sample ID:	250806078-01 VOADL	SDG No.:	Q2790
Lab Sample ID:	Q2790-01DL	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047259.D	10	08/07/25 13:48	VX080725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.20	UD	2.20	10.0	ug/L
74-87-3	Chloromethane	3.20	UD	3.20	10.0	ug/L
75-01-4	Vinyl Chloride	2.60	UD	2.60	10.0	ug/L
74-83-9	Bromomethane	14.4	UD	14.4	50.0	ug/L
75-00-3	Chloroethane	4.70	UD	4.70	10.0	ug/L
75-69-4	Trichlorofluoromethane	3.30	UD	3.30	10.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	UD	2.50	10.0	ug/L
75-35-4	1,1-Dichloroethene	2.30	UD	2.30	10.0	ug/L
67-64-1	Acetone	1100	D	15.1	50.0	ug/L
75-15-0	Carbon Disulfide	8.60	JD	2.10	10.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.60	UD	1.60	10.0	ug/L
79-20-9	Methyl Acetate	2.70	UD	2.70	10.0	ug/L
75-09-2	Methylene Chloride	2.80	UD	2.80	10.0	ug/L
156-60-5	trans-1,2-Dichloroethene	2.30	UD	2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	UD	2.30	10.0	ug/L
110-82-7	Cyclohexane	14.5	UD	14.5	50.0	ug/L
78-93-3	2-Butanone	1300	D	9.80	50.0	ug/L
56-23-5	Carbon Tetrachloride	2.50	UD	2.50	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	1.90	UD	1.90	10.0	ug/L
74-97-5	Bromochloromethane	2.20	UD	2.20	10.0	ug/L
67-66-3	Chloroform	2.50	UD	2.50	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	UD	2.00	10.0	ug/L
108-87-2	Methylcyclohexane	1.60	UD	1.60	10.0	ug/L
71-43-2	Benzene	3.00	JD	1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	UD	2.20	10.0	ug/L
79-01-6	Trichloroethene	0.93	UD	0.93	10.0	ug/L
78-87-5	1,2-Dichloropropane	2.00	UD	2.00	10.0	ug/L
75-27-4	Bromodichloromethane	2.20	UD	2.20	10.0	ug/L
108-10-1	4-Methyl-2-Pentanone	9.70	JD	6.80	50.0	ug/L
108-88-3	Toluene	5.20	JD	1.40	10.0	ug/L

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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	08/06/25
Project:	Waste Water 2025	Date Received:	08/07/25
Client Sample ID:	250806078-01 VOADL	SDG No.:	Q2790
Lab Sample ID:	Q2790-01DL	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047259.D	10	08/07/25 13:48	VX080725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.70	UD	1.70	10.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.60	UD	1.60	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	UD	2.10	10.0	ug/L
591-78-6	2-Hexanone	8.90	UD	8.90	50.0	ug/L
124-48-1	Dibromochloromethane	1.80	UD	1.80	10.0	ug/L
106-93-4	1,2-Dibromoethane	1.50	UD	1.50	10.0	ug/L
127-18-4	Tetrachloroethene	2.30	UD	2.30	10.0	ug/L
108-90-7	Chlorobenzene	1.20	UD	1.20	10.0	ug/L
100-41-4	Ethyl Benzene	6.50	JD	1.30	10.0	ug/L
179601-23-1	m/p-Xylenes	5.70	JD	2.40	20.0	ug/L
95-47-6	o-Xylene	3.50	JD	1.20	10.0	ug/L
100-42-5	Styrene	1.50	UD	1.50	10.0	ug/L
75-25-2	Bromoform	1.90	UD	1.90	10.0	ug/L
98-82-8	Isopropylbenzene	1.20	UD	1.20	10.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2.60	UD	2.60	10.0	ug/L
541-73-1	1,3-Dichlorobenzene	1.60	UD	1.60	10.0	ug/L
106-46-7	1,4-Dichlorobenzene	1.90	UD	1.90	10.0	ug/L
95-50-1	1,2-Dichlorobenzene	1.60	UD	1.60	10.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.30	UD	5.30	10.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.00	UD	2.00	10.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	2.00	UD	2.00	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.4		74 - 125	111%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	51.5		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	317000	5.562			
540-36-3	1,4-Difluorobenzene	603000	6.769			
3114-55-4	Chlorobenzene-d5	548000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	268000	12.018			

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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	08/06/25
Project:	Waste Water 2025	Date Received:	08/07/25
Client Sample ID:	250806078-01 VOADL	SDG No.:	Q2790
Lab Sample ID:	Q2790-01DL	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047259.D	10	08/07/25 13:48	VX080725

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:	08/06/25
Project:	Waste Water 2025	Date Received:	08/07/25
Client Sample ID:	250806062-03 Trip blank	SDG No.:	Q2790
Lab Sample ID:	Q2790-02	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047256.D	1	08/07/25 12:45	VX080725

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	U	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	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	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	08/06/25
Project:	Waste Water 2025	Date Received:	08/07/25
Client Sample ID:	250806062-03 Trip blank	SDG No.:	Q2790
Lab Sample ID:	Q2790-02	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047256.D	1	08/07/25 12:45	VX080725

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	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	U	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	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	0.19	U	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	44.1		74 - 125	88%	SPK: 50
1868-53-7	Dibromofluoromethane	44.8		75 - 124	90%	SPK: 50
2037-26-5	Toluene-d8	40.1	*	86 - 113	80%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.5		77 - 121	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	268000	5.562			
540-36-3	1,4-Difluorobenzene	464000	6.769			
3114-55-4	Chlorobenzene-d5	425000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	221000	12.018			

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Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	08/06/25
Project:	Waste Water 2025	Date Received:	08/07/25
Client Sample ID:	250806062-03 Trip blank	SDG No.:	Q2790
Lab Sample ID:	Q2790-02	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047256.D	1	08/07/25 12:45	VX080725

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:	Q2790	**OrderDate:**	8/7/2025 8:49:00 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
Q2790-01	**250806078-01 VOA**	**Water**			**08/06/25**			**08/07/25**
			VOCMS Group1	624.1			08/07/25	
			VOCMS Group2	8260-Low			08/07/25	
Q2790-01DL	**250806078-01 VOADL**	**Water**			**08/06/25**			**08/07/25**
			VOCMS Group2	8260-Low			08/07/25	
Q2790-02	**250806062-03 Trip blank**	**Water**			**08/06/25**			**08/07/25**
			VOCMS Group1	624.1			08/07/25	
			VOCMS Group2	8260-Low			08/07/25	