



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

Hit Summary Sheet
624.1

SDG No.: Q2554
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.		Date Collected:	07/09/25	
Project:	Waste Water 2025		Date Received:	07/10/25	
Client Sample ID:	250709104-01 VOA		SDG No.:	Q2554	
Lab Sample ID:	Q2554-03		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
VN087322.D	1	07/10/25 13:48	VN071025

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	29.1		91 - 110	97%	SPK: 30
2037-26-5	Toluene-d8	28.0		91 - 112	93%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.7		63 - 112	96%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	39000	7.824			
540-36-3	1,4-Difluorobenzene	188000	9.106			
3114-55-4	Chlorobenzene-d5	179000	11.865			

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.		Date Collected:	07/09/25	
Project:	Waste Water 2025		Date Received:	07/10/25	
Client Sample ID:	250709059-11 Trip blank		SDG No.:	Q2554	
Lab Sample ID:	Q2554-04		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
VN087321.D	1	07/10/25 13:27	VN071025

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	29.3		91 - 110	98%	SPK: 30
2037-26-5	Toluene-d8	28.5		91 - 112	95%	SPK: 30
460-00-4	4-Bromofluorobenzene	26.5		63 - 112	88%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	38000	7.824			
540-36-3	1,4-Difluorobenzene	189000	9.106			
3114-55-4	Chlorobenzene-d5	172000	11.865			

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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

LAB CHRONICLE

OrderID:	Q2554	OrderDate:	7/10/2025 9:19:00 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
Q2554-03	250709104-01 VOA	Water			07/09/25			07/10/25
			VOCMS Group1	624.1			07/10/25	
			VOCMS Group2	8260-Low			07/10/25	
Q2554-04	250709059-11 Trip blank	Water			07/09/25			07/10/25
			VOCMS Group1	624.1			07/10/25	
			VOCMS Group2	8260-Low			07/10/25	

Hit Summary Sheet
8260-Low

SDG No.: Q2554
Client: Garden State Laboratories, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	250709104-01 VOA							
Q2554-03	250709104-01 VOA Water		Chloroethane	0.74	J	0.47	1.00	ug/L
Q2554-03	250709104-01 VOA Water		Acetone	6.50		1.50	5.00	ug/L
Q2554-03	250709104-01 VOA Water		Carbon Disulfide	0.34	J	0.21	1.00	ug/L
Q2554-03	250709104-01 VOA Water		Methyl tert-butyl Ether	0.54	J	0.16	1.00	ug/L
Q2554-03	250709104-01 VOA Water		Benzene	1.60		0.15	1.00	ug/L
Q2554-03	250709104-01 VOA Water		Toluene	0.71	J	0.14	1.00	ug/L
Q2554-03	250709104-01 VOA Water		Chlorobenzene	15.5		0.12	1.00	ug/L
Q2554-03	250709104-01 VOA Water		Ethyl Benzene	2.70		0.13	1.00	ug/L
Q2554-03	250709104-01 VOA Water		m/p-Xylenes	3.20		0.24	2.00	ug/L
Q2554-03	250709104-01 VOA Water		o-Xylene	2.50		0.12	1.00	ug/L
Q2554-03	250709104-01 VOA Water		Isopropylbenzene	1.30		0.12	1.00	ug/L
Q2554-03	250709104-01 VOA Water		1,4-Dichlorobenzene	7.70		0.19	1.00	ug/L
Q2554-03	250709104-01 VOA Water		1,2-Dichlorobenzene	0.56	J	0.16	1.00	ug/L
			Total Voc :			43.9		
Q2554-03	250709104-01 VOA Water		Tetrahydrofuran	* 150	J	0.99	5.00	ug/L
Q2554-03	250709104-01 VOA Water		Tert butyl alcohol	* 220	J	5.50	25.0	ug/L
Q2554-03	250709104-01 VOA Water		Diethyl Ether	* 12.5	J	0.31	1.00	ug/L
Q2554-03	250709104-01 VOA Water		n-propylbenzene	* 0.70	J	0.13	1.00	ug/L
Q2554-03	250709104-01 VOA Water		2-Chlorotoluene	* 0.62	J	0.14	1.00	ug/L
Q2554-03	250709104-01 VOA Water		1,3,5-Trimethylbenzene	* 0.30	J	0.15	1.00	ug/L
Q2554-03	250709104-01 VOA Water		1,2,4-Trimethylbenzene	* 1.80	J	0.14	1.00	ug/L
Q2554-03	250709104-01 VOA Water		Naphthalene	* 11.4	J	0.20	1.00	ug/L
Q2554-03	250709104-01 VOA Water		1,4-Dioxane	* 190	J	6.90	100	ug/L
			Total Tics :			587		
			Total Concentration:			631		



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Garden State Laboratories, Inc.		Date Collected:	07/09/25	
Project:	Waste Water 2025		Date Received:	07/10/25	
Client Sample ID:	250709104-01 VOA		SDG No.:	Q2554	
Lab Sample ID:	Q2554-03		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
VX046950.D	1	07/10/25 17:12	VX071025

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	0.74	J	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	6.50		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.34	J	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.54	J	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	1.60		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	UQ	0.68	5.00	ug/L
108-88-3	Toluene	0.71	J	0.14	1.00	ug/L

Report of Analysis

Client:	Garden State Laboratories, Inc.			Date Collected:	07/09/25	
Project:	Waste Water 2025			Date Received:	07/10/25	
Client Sample ID:	250709104-01 VOA			SDG No.:	Q2554	
Lab Sample ID:	Q2554-03			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
VX046950.D	1	07/10/25 17:12	VX071025

[illegible]

Report of Analysis

Client:	Garden State Laboratories, Inc.		Date Collected:	07/09/25	
Project:	Waste Water 2025		Date Received:	07/10/25	
Client Sample ID:	250709104-01 VOA		SDG No.:	Q2554	
Lab Sample ID:	Q2554-03		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
VX046950.D	1	07/10/25 17:12	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
60-29-7	Diethyl Ether	12.5	J		2.15	ug/L
75-65-0	Tert butyl alcohol	220	J		2.95	ug/L
109-99-9	Tetrahydrofuran	150	J		5.01	ug/L
123-91-1	1,4-Dioxane	190	J		7.67	ug/L
103-65-1	n-propylbenzene	0.70	J		11.3	ug/L
95-49-8	2-Chlorotoluene	0.62	J		11.4	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.30	J		11.5	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.80	J		11.8	ug/L
91-20-3	Naphthalene	11.4	J		13.8	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

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.		Date Collected:	07/09/25	
Project:	Waste Water 2025		Date Received:	07/10/25	
Client Sample ID:	250709059-11 Trip blank		SDG No.:	Q2554	
Lab Sample ID:	Q2554-04		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
VX046942.D	1	07/10/25 14:21	VX071025

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

Report of Analysis

Client:	Garden State Laboratories, Inc.		Date Collected:	07/09/25	
Project:	Waste Water 2025		Date Received:	07/10/25	
Client Sample ID:	250709059-11 Trip blank		SDG No.:	Q2554	
Lab Sample ID:	Q2554-04		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
VX046942.D	1	07/10/25 14:21	VX071025

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	54.5		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	50.2		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.4		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	339000	5.562			
540-36-3	1,4-Difluorobenzene	601000	6.769			
3114-55-4	Chlorobenzene-d5	555000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	279000	12.018			

Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	07/09/25
Project:	Waste Water 2025	Date Received:	07/10/25
Client Sample ID:	250709059-11 Trip blank	SDG No.:	Q2554
Lab Sample ID:	Q2554-04	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
VX046942.D	1	07/10/25 14:21	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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N = Presumptive Evidence of a Compound

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D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q2554	OrderDate:	7/10/2025 9:19:00 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
Q2554-03	250709104-01 VOA	Water			07/09/25			07/10/25
			VOCMS Group1	624.1				
			VOCMS Group2	8260-Low				
Q2554-04	250709059-11 Trip blank	Water			07/09/25			07/10/25
			VOCMS Group1	624.1				
			VOCMS Group2	8260-Low				