

# PREP BATCH REPORT

Prep Code: **PRP-8011-W**  
 Prep Batch **164256** Prep Temp: **NA °C**

Technician: **Carry L Tran**  
 Batch Units: **ML**

Prep Start Date: **3/7/2022 9:01:55 AM**  
 Prep End Date: **3/7/2022 1:11:00 PM**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
MB-164256		6	35	0	0	2.0	0.057		3/7/2022	3/7/2022
CLT spiked and surrogated. SRC assisted and witnessed.										
LCS-164256		6	35	0	0	2.0	0.057		3/7/2022	3/7/2022
All samples poured to 35mL using a gravimetrically determined standard made by CLT on 03/07/2022										
LCS1-164256		6	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
Samples went on solvent at 12:30pm										
CAL1-164256		6	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
Trip blanks do not count toward 20 samples allowed per batch										
CAL7-164256		6	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
Unlocked to add comments- CLT 3/7/22										
CAL2-164256		6	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
5mL_19K50667 calibrated/passed on 03/07/2022 prior to the extraction.										
CAL3-164256		6	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
Unlocked to fix grammatical error- CLT 3/11/22										
CAL4-164256		6	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
CAL5-164256		6	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
CAL6-164256		6	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
MDL-164256		6	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
50uL of calmix1 @ (.007ug/mL)										
LOD-164256		6	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
25uL of calmix1 @ (.007ug/mL)										
B22030244-001G	Ground Water	1	35	0	0	2.0	0.056	Bal #25	3/7/2022	3/7/2022
Vial 1/3. Combined vial and sample weight of 61.03g with cap on. Empty vial weight with cap on 25.58g= 35.45g.Entire sample consumed in extraction.										
B22030244-001GMS	Ground Water	1	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
Vial 2/3. Combined vial and sample weight of 60.82g with cap on. Empty vial weight with cap on 25.56g= 35.26g.Entire sample consumed in extraction.										
B22030244-001GMSD	Ground Water	1	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
Vial 3/3. Combined vial and sample weight of 60.83g with cap on. Empty vial weight with cap on 25.48g= 35.35g.Entire sample consumed in extraction.										

Number	Reagent Name	Exp Date	
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14543	Hexane EB754	6/4/2023	2mL
14729	Laboratory Fortified Blank Sample Concentrate	2/6/2023	14uL,3
14776	4ML, Amber Vial, 20220118	1/18/2023	
14853	40 mL Clear VOA Lot 00081943	2/8/2023	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl 11/9/21(139	Baked Sodium Chloride	ALL	7g	6/15/2026
PH021622504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL Except CALs	35uL	3/20/2023
PH011122504C1	504.1 Cal Stock 1(0.007ug/mL) Me	CAL1,CAL7	50µL,100	2/12/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CAL2,CAL3,CAL	25µL,50µ	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CAL5,CAL6	20µL,50µ	2/12/2023

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Technician: **Carry L Tran**  
 Batch Units: **ML**

Prep Start Date: **3/7/2022 9:01:55 AM**  
 Prep End Date: **3/7/2022 1:11:00 PM**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
B22030244-005A	Trip Blank	1	35	0	0	2.0	0.056	Bal #25	3/7/2022	3/7/2022
Vial 1/2. Combined vial and sample weight of 60.89g with cap on. Empty vial weight with cap on 25.49g= 35.40g.										
B22030244-007G	Ground Water	1	36	0	0	2.0	0.056	Bal #25	3/7/2022	3/7/2022
Vial 1/3. Combined vial and sample weight of 61.12g with cap on. Empty vial weight with cap on 25.52g= 35.60g.										
B22030244-010A	Trip Blank	1	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
Vial 1/2. Combined vial and sample weight of 60.75g with cap on. Empty vial weight with cap on 25.46g= 35.29g.										
B22030244-012G	Ground Water	1	36	0	0	2.0	0.055	Bal #25	3/7/2022	3/7/2022
Vial 1/1. Combined vial and sample weight of 61.78g with cap on. Empty vial weight with cap on 25.42g= 36.36g. Dark brown sediment present in sample. Entire sample consumed in extraction.										
B22030244-015A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	3/7/2022	3/7/2022
Vial 1/2. Combined vial and sample weight of 61.48g with cap on. Empty vial weight with cap on 25.97g= 35.51g.										
B22030244-017G	Ground Water	1	36	0	0	2.0	0.056	Bal #25	3/7/2022	3/7/2022
Vial 1/3. Combined vial and sample weight of 60.82g with cap on. Empty vial weight with cap on 25.29 g= 35.53g.										
B22030244-020A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	3/7/2022	3/7/2022
Vial 1/2. Combined vial and sample weight of 61.34g with cap on. Empty vial weight with cap on 25.62g= 35.72g.										
B22030244-022G	Ground Water	1	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
Vial 1/3. Combined vial and sample weight of 61.29g with cap on. Empty vial weight with cap on 26.07g= 35.22g.										
B22030244-025A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	3/7/2022	3/7/2022
Vial 1/2. Combined vial and sample weight of 61.54g with cap on. Empty vial weight with cap on 26.01g= 35.53g.										
B22030244-027G	Ground Water	1	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
Vial 1/3. Combined vial and sample weight of 61.03g with cap on. Empty vial weight with cap on 25.77g= 35.26g. Dark brown sediment present in sample.										
B22030244-030A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	3/7/2022	3/7/2022
Vial 1/1. Combined vial and sample weight of 61.40g with cap on. Empty vial weight with cap on 25.71g=35.69g. Entire sample consumed in extraction.										
B22030244-032H	Ground Water	1	35	0	0	2.0	0.056	Bal #25	3/7/2022	3/7/2022
Vial 1/3. Combined vial and sample weight of 60.60g with cap on. Empty vial weight with cap on 25.13g= 35.47g.										
B22030244-035A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	3/7/2022	3/7/2022
Vial 1/1. Combined vial and sample weight of 61.50g with cap on. Empty vial weight with cap on 25.69g= 35.81g. Entire sample consumed in extraction.										

Number	Reagent Name	Exp Date	
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14543	Hexane EB754	6/4/2023	2mL
14729	Laboratory Fortified Blank Sample Concentrate	2/6/2023	14uL,3
14776	4ML, Amber Vial, 20220118	1/18/2023	
14853	40 mL Clear VOA Lot 00081943	2/8/2023	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl 11/9/21(139	Baked Sodium Chloride	ALL	7g	6/15/2026
PH021622504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL Except CALs	35uL	3/20/2023
PH011122504C1	504.1 Cal Stock 1(0.007ug/mL) Me	CAL1,CAL7	50µL,100	2/12/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CAL2,CAL3,CAL	25µL,50µ	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CAL5,CAL6	20µL,50µ	2/12/2023

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Technician: **Carry L Tran**  
 Batch Units: **ML**

Prep Start Date: **3/7/2022 9:01:55 AM**  
 Prep End Date: **3/7/2022 1:11:00 PM**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
B22030244-037G	Ground Water	1	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
Vial 1/3. Combined vial and sample weight of 60.97g with cap on. Empty vial weight with cap on 25.94g= 35.03g. Light brown sediment present in sample.										
B22030244-040A	Trip Blank	1	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
Vial 1/2. Combined vial and sample weight of 60.91g with cap on. Empty vial weight with cap on 25.70g= 35.21g.										
B22030244-042G	Ground Water	1	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
Vial 1/3. Combined vial and sample weight of 60.88g with cap on. Empty vial weight with cap on 25.49g= 35.39g. Brown sediment present in sample.										
B22030244-045A	Trip Blank	1	35	0	0	2.0	0.057	Bal #25	3/7/2022	3/7/2022
Vial 1/2. Combined vial and sample weight of 60.97g with cap on. Empty vial weight with cap on 25.62g= 35.35g.										
B22030244-047G	Ground Water	1	35	0	0	2.0	0.056	Bal #25	3/7/2022	3/7/2022
Vial 1/3. Combined vial and sample weight of 61.03g with cap on. Empty vial weight with cap on 25.54g= 35.49g.										
B22030244-050A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	3/7/2022	3/7/2022
Vial 1/2. Combined vial and sample weight of 61.33g with cap on. Empty vial weight with cap on 25.69g= 35.64g.										

Number	Reagent Name	Exp Date	
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14543	Hexane EB754	6/4/2023	2mL
14729	Laboratory Fortified Blank Sample Concentrate	2/6/2023	14uL,3
14776	4mL, Amber Vial, 20220118	1/18/2023	
14853	40 mL Clear VOA Lot 00081943	2/8/2023	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl 11/9/21(139	Baked Sodium Chloride	ALL	7g	6/15/2026
PH021622504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL Except CALs	35uL	3/20/2023
PH011122504C1	504.1 Cal Stock 1(0.007ug/mL) Me	CAL1,CAL7	50µL,100	2/12/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CAL2,CAL3,CAL	25µL,50µ	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CAL5,CAL6	20µL,50µ	2/12/2023

# Energy Laboratories Inc

# ANALYTICAL RUN Summary

11-Mar-22

Run ID GECD.I\_220307A

<b>Run Start Date:</b> 3/7/2022
<b>Analyst:</b> Carry L Tran
<b>Ical:</b>
<b>Column ID:</b> RTX-CLP_0.53
<b>Comments:</b>

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
SeePrepRecord	Standards Tracked in Prep Batch						2/4/2050

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
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15078674	CAL1-164256	PST-8011-W	CAL1	GECD.IG030722\	3/7/2022 1:40:07	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.00999	0.00996503		0.01	0	0	0.0025835	0.01	0	100%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01106	0.01103235		0.01	0	0	0.0056259	0.02	0	110%	60	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
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15078675	CAL7-164256	PST-8011-W	CAL7	GECD.IG030722\	3/7/2022 1:59:50	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.02351	0.02345123		0.02	0	0	0.0025835	0.01	0	117%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01904	0.0189924		0.02	0	0	0.0056259	0.02	0	95%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
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15078676	CAL2-164256	PST-8011-W	CAL2	GECD.IG030722\	3/7/2022 2:19:41	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.05446	0.05432385		0.05	0	0	0.0025835	0.01	0	109%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.04751	0.04739123		0.05	0	0	0.0056259	0.02	0	95%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078677	CAL3-164256	PST-8011-W	CAL3	JECD.IG030722\	3/7/2022 2:39:39	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.10442	0.10415895		0.1	0	0	0.0025835	0.01	0	104%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09868	0.0984333		0.1	0	0	0.0056259	0.02	0	98%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078678	CAL4-164256	PST-8011-W	CAL4	JECD.IG030722\	3/7/2022 2:59:21	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.19815	0.19765463		0.2	0	0	0.0025835	0.01	0	99%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.19659	0.19609853		0.2	0	0	0.0056259	0.02	0	98%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078679	CAL5-164256	PST-8011-W	CAL5	JECD.IG030722\	3/7/2022 3:19:25	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.39817	0.39717458		0.4	0	0	0.0025835	0.01	0	99%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.40976	0.4087356		0.4	0	0	0.0056259	0.02	0	102%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078680	CAL6-164256	PST-8011-W	CAL6	JECD.IG030722\	3/7/2022 3:39:10	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	1.00039	0.99788903		1	0	0	0.0025835	0.01	0	100%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.9973	0.99480675		1	0	0	0.0056259	0.02	0	99%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078681	LCS-164256	PST-8011-W	ICV	JECD.IG030722\	3/7/2022 4:19:00	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.24779	0.24717053		0.25	0	0	0.0025835	0.01	0	99%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09929	0.09904178		0.1	0	0	0.0056259	0.02	0	99%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078682	CAL3-164256	PST-8011-W	CCV3	JECD.IG030722\	3/7/2022 4:38:40	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.1087	0.10842825		0.1	0	0	0.0025835	0.01	0	108%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10086	0.10060785		0.1	0	0	0.0056259	0.02	0	101%	80	120	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078683	MB-164256	PST-8011-W	MBLK	JECD.IG030722\	3/7/2022 4:58:39	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.005	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09854	0.09829365		0.1	0	0	0.0056259	0.02	0	98%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078684	LCS-164256	PST-8011-W	LCS-DOD	JECD.IG030722\	3/7/2022 5:18:44	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.25603	0.25538993		0.25	0	0	0.0025835	0.01	0	102%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10217	0.10191458		0.1	0	0	0.0056259	0.02	0	102%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078685	LCS1-164256	PST-8011-W	LCS1	JECD.IG030722\	3/7/2022 5:38:42	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.10907	0.10879733		0.1	0	0	0.0025835	0.01	0	109%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09834	0.09809415		0.1	0	0	0.0056259	0.02	0	98%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078686	LOD-164256	PST-8011-W	LOD	JECD.IG030722\	3/7/2022 5:58:43	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.0037	0.00369075		0.005	0	0	0.0025835	0.01	0	74%	60	140	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078687	MDL-164256	PST-8011-W	MDL	JECD.IG030722\	3/7/2022 6:18:44	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078687	MDL-164256	PST-8011-W	MDL	JECD.IG030722\	3/7/2022 6:18:44	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.01011	0.01008473		0.01	0	0	0.0025835	0.01	0	101%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.0114	0.0113715		0.01	0	0	0.0056259	0.02	0	114%	60	140	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078688	B22030244-005	PST-8011-W	SAMP	JECD.IG030722\	3/7/2022 6:58:39	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10163	0.0995974		0.099	0	0	0.0055272	0.02	0	101%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078689	B22030244-007	PST-8011-W	SAMP	JECD.IG030722\	3/7/2022 7:18:33	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10265	0.100597		0.098	0	0	0.0055272	0.02	0	103%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078690	B22030244-010	PST-8011-W	SAMP	JECD.IG030722\	3/7/2022 7:38:22	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10361	0.10335098		0.099	0	0	0.0056259	0.02	0	104%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078691	B22030244-012	PST-8011-W	SAMP	JECD.IG030722\	3/7/2022 7:58:22	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10904	0.104951		0.096	0	0	0.0054285	0.02	0	109%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078692	B22030244-015	PST-8011-W	SAMP	JECD.IG030722\	3/7/2022 8:18:10	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10463	0.1025374		0.099	0	0	0.0055272	0.02	0	104%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078693	B22030244-017	PST-8011-W	SAMP	JECD.IG030722\	3/7/2022 8:38:10	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10823	0.1060654		0.099	0	0	0.0055272	0.02	0	107%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078694	B22030244-020	PST-8011-W	SAMP	JECD.IG030722\	3/7/2022 8:58:10	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10657	0.1044386		0.098	0	0	0.0055272	0.02	0	107%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078695	B22030244-022	PST-8011-W	SAMP	JECD.IG030722\	3/7/2022 9:18:01	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.11037	0.11009408		0.099	0	0	0.0056259	0.02	0	111%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078696	B22030244-025	PST-8011-W	SAMP	JECD.IG030722\	3/7/2022 9:38:11	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10366	0.1015868		0.099	0	0	0.0055272	0.02	0	103%	70	130	0%	



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078697	B22030244-001	PST-8011-W	SAMP	JECD.I\G030722\	3/7/2022 9:58:03	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10022	0.0982156		0.099	0	0	0.0055272	0.02	0	99%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078698	B22030244-001	PST-8011-W	MS-DOD	JECD.I\G030722\	3/7/2022 10:17:5	1	164256	3/7/2022 9:0	2E+07	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.26734	0.26667165		0.2475	0	0	0.0025835	0.01	0	108%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10667	0.10640333		0.099	0	0	0.0056259	0.02	0	107%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078699	B22030244-001	PST-8011-W	MSD-DOD	JECD.I\G030722\	3/7/2022 10:37:4	1	164256	3/7/2022 9:0	2E+07	2E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.26797	0.26730008		0.2475	0	0.2666717	0.0025835	0.01	0	108%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10781	0.10754048		0.099	0	0	0.0056259	0.02	0	109%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078700	CAL5-164256	PST-8011-W	CCV4	JECD.I\G030722\	3/7/2022 11:17:3	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.45315	0.45201713		0.4	0	0	0.0025835	0.01	0	113%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.46619	0.46502453		0.4	0	0	0.0056259	0.02	0	116%	80	120	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078701	B22030244-027	PST-8011-W	SAMP	JECD.I\G030722\	3/7/2022 11:57:0	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10657	0.10630358		0.099	0	0	0.0056259	0.02	0	107%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
15078702	B22030244-030	PST-8011-W	SAMP	JECD.IG030722\	3/8/2022 12:16:5	1	164256	3/7/2022 9:0	0	0						
1,2-Dibromoethane	A	ug/L	0	0		0	0	0.0025382	0.01	0	0%	0	0	0%	U	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10221	0.1001658		0.098	0	0.0055272	0.02	0	102%	70	130	0%		
15078703	B22030244-032	PST-8011-W	SAMP	JECD.IG030722\	3/8/2022 12:36:4	1	164256	3/7/2022 9:0	0	0						
1,2-Dibromoethane	A	ug/L	0	0		0	0	0.0025382	0.01	0	0%	0	0	0%	U	
1,1,1,2-Tetrachloroethane	S	ug/L	0.1085	0.10633		0.099	0	0.0055272	0.02	0	107%	70	130	0%		
15078704	B22030244-035	PST-8011-W	SAMP	JECD.IG030722\	3/8/2022 12:56:4	1	164256	3/7/2022 9:0	0	0						
1,2-Dibromoethane	A	ug/L	0	0		0	0	0.0025382	0.01	0	0%	0	0	0%	U	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10356	0.1014888		0.098	0	0.0055272	0.02	0	104%	70	130	0%		
15078705	B22030244-037	PST-8011-W	SAMP	JECD.IG030722\	3/8/2022 1:16:31	1	164256	3/7/2022 9:0	0	0						
1,2-Dibromoethane	A	ug/L	0	0		0	0	0.0025835	0.01	0	0%	0	0	0%	U	
1,1,1,2-Tetrachloroethane	S	ug/L	0.1051	0.10483725		0.1	0	0.0056259	0.02	0	105%	70	130	0%		
15078706	B22030244-040	PST-8011-W	SAMP	JECD.IG030722\	3/8/2022 1:36:28	1	164256	3/7/2022 9:0	0	0						
1,2-Dibromoethane	A	ug/L	0	0		0	0	0.0025835	0.01	0	0%	0	0	0%	U	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10317	0.10291208		0.099	0	0.0056259	0.02	0	104%	70	130	0%		

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078707	B22030244-042	PST-8011-W	SAMP	JECD.I\G030722\	3/8/2022 1:56:08	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10188	0.1016253		0.099	0	0	0.0056259	0.02	0	103%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078708	B22030244-045	PST-8011-W	SAMP	JECD.I\G030722\	3/8/2022 2:15:59	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10071	0.10045823		0.099	0	0	0.0056259	0.02	0	101%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078709	B22030244-047	PST-8011-W	SAMP	JECD.I\G030722\	3/8/2022 2:35:53	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10551	0.1033998		0.099	0	0	0.0055272	0.02	0	104%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078710	B22030244-050	PST-8011-W	SAMP	JECD.I\G030722\	3/8/2022 2:55:48	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10467	0.1025766		0.098	0	0	0.0055272	0.02	0	105%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15078711	CAL3-164256	PST-8011-W	CCV3	JECD.I\G030722\	3/8/2022 3:35:14	1	164256	3/7/2022 9:0	0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.11957	0.11927108		0.1	0	0	0.0025835	0.01	0	119%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10721	0.10694198		0.1	0	0	0.0056259	0.02	0	107%	80	120	0%	

Write Sequence

Insert Entries(Have the first cell for er

**Data File**

**Sample Name**

G:\org\GECD.i\G030722.b\G0307_001	8011Primer ;0.2ug/L\$PST-8011-W,C4
G:\org\GECD.i\G030722.b\G0307_002	8011Primer ;0.2ug/L\$PST-8011-W,C4
G:\org\GECD.i\G030722.b\G0307_003	8011Primer ;0.1ug/L\$PST-8011-W,C3
G:\org\GECD.i\G030722.b\G0307_004	8011Primer ;0.1ug/L\$PST-8011-W,C3
G:\org\GECD.i\G030722.b\G0307_005	8011Primer ;0.2ug/L\$PST-8011-W,C4
G:\org\GECD.i\G030722.b\G0307_006	Hexane ;
G:\org\GECD.i\G030722.b\G0307_007	CAL1-164256 ;
G:\org\GECD.i\G030722.b\G0307_008	CAL7-164256 ;
G:\org\GECD.i\G030722.b\G0307_009	CAL2-164256 ;
G:\org\GECD.i\G030722.b\G0307_010	CAL3-164256 ;
G:\org\GECD.i\G030722.b\G0307_011	CAL4-164256 ;
G:\org\GECD.i\G030722.b\G0307_012	CAL5-164256 ;
G:\org\GECD.i\G030722.b\G0307_013	CAL6-164256 ;
G:\org\GECD.i\G030722.b\G0307_014	Hexane;;
G:\org\GECD.i\G030722.b\G0307_015	LCS-164256 ;
G:\org\GECD.i\G030722.b\G0307_016	CAL3-164256 ;
G:\org\GECD.i\G030722.b\G0307_017	MB-164256 ;
G:\org\GECD.i\G030722.b\G0307_018	LCS-164256 ;
G:\org\GECD.i\G030722.b\G0307_019	LCS1-164256 ;
G:\org\GECD.i\G030722.b\G0307_020	LOD-164256 ;
G:\org\GECD.i\G030722.b\G0307_021	MDL-164256 ;
G:\org\GECD.i\G030722.b\G0307_022	Hexane;;
G:\org\GECD.i\G030722.b\G0307_023	B22030244-005A ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_024	B22030244-007G ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_025	B22030244-010A ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_026	B22030244-012G ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_027	B22030244-015A ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_028	B22030244-017G ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_029	B22030244-020A ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_030	B22030244-022G ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_031	B22030244-025A ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_032	B22030244-001G ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_033	B22030244-001GMS ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_034	B22030244-001GMSD ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_035	Hexane;;
G:\org\GECD.i\G030722.b\G0307_036	CAL5-164256 ;
G:\org\GECD.i\G030722.b\G0307_037	Hexane;;
G:\org\GECD.i\G030722.b\G0307_038	B22030244-027G ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_039	B22030244-030A ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_040	B22030244-032H ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_041	B22030244-035A ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_042	B22030244-037G ;\$PST-8011-W,
G:\org\GECD.i\G030722.b\G0307_043	B22030244-040A ;\$PST-8011-W,

G:\org\GECD.i\G030722.b\G0307\_044  
G:\org\GECD.i\G030722.b\G0307\_045  
G:\org\GECD.i\G030722.b\G0307\_046  
G:\org\GECD.i\G030722.b\G0307\_047  
G:\org\GECD.i\G030722.b\G0307\_048  
G:\org\GECD.i\G030722.b\G0307\_049  
G:\org\GECD.i\G030722.b\G0307\_050  
G:\org\GECD.i\G030722.b\G0307\_051  
G:\org\GECD.i\G030722.b\G0307\_052  
G:\org\GECD.i\G030722.b\G0307\_053  
G:\org\GECD.i\G030722.b\G0307\_054  
G:\org\GECD.i\G030722.b\G0307\_055  
G:\org\GECD.i\G030722.b\G0307\_056  
G:\org\GECD.i\G030722.b\G0307\_057  
G:\org\GECD.i\G030722.b\G0307\_058  
G:\org\GECD.i\G030722.b\G0307\_059  
G:\org\GECD.i\G030722.b\G0307\_060  
G:\org\GECD.i\G030722.b\G0307\_061  
G:\org\GECD.i\G030722.b\G0307\_062  
G:\org\GECD.i\G030722.b\G0307\_063  
G:\org\GECD.i\G030722.b\G0307\_064  
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G:\org\GECD.i\G030722.b\G0307\_066  
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B22030244-042G ;\$PST-8011-W,  
B22030244-045A ;\$PST-8011-W,  
B22030244-047G ;\$PST-8011-W,  
B22030244-050A ;\$PST-8011-W,  
Hexane;;  
CAL3-164256 ;

# Quantitative Analysis Results Summary Report

Batch Path	\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantResults\G030722_8011_W_CLT.batch.bin	Analyst Name	BL2000\ctran
Analysis Time	3/9/2022 9:29 AM	Reporter Name	BL2000\ctran
Report Time	3/11/2022 1:55:27 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:22 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

## Sequence Table

Data File	sample Name	Sample Type	Vial Position	Inj Vol	Level	Acq Method File
G0307_007.0007.D	CAL1-164256	CC		0	1	testAcqFileNamePath
G0307_008.0008.D	CAL7-164256	CC		0	7	testAcqFileNamePath
G0307_009.0009.D	CAL2-164256	CC		0	2	testAcqFileNamePath
G0307_010.0010.D	CAL3-164256	CC		0	3	testAcqFileNamePath
G0307_011.0011.D	CAL4-164256	CC		0	4	testAcqFileNamePath
G0307_012.0012.D	CAL5-164256	CC		0	5	testAcqFileNamePath
G0307_013.0013.D	CAL6-164256	CC		0	6	testAcqFileNamePath
G0307_015.0015.D	LCS-164256	QC		0	LCS	testAcqFileNamePath
G0307_017.0017.D	MB-164256	MethodBlank		0		testAcqFileNamePath

## Quantitation Results

### Compound: 1,2-Dibromoethane

Data File	Sample Type	RT	Resp	Final Conc	Exp. Conc	Accuracy
G0307_007.0007.D	CC	3.447	1514	0.0100	0.0100	99.9
G0307_008.0008.D	CC	3.448	3556	0.0235	0.0200	117.6
G0307_009.0009.D	CC	3.448	8196	0.0545	0.0500	108.9
G0307_010.0010.D	CC	3.448	15592	0.1044	0.1000	104.4
G0307_011.0011.D	CC	3.443	29149	0.1981	0.2000	99.1
G0307_012.0012.D	CC	3.444	56705	0.3982	0.4000	99.5
G0307_013.0013.D	CC	3.443	128319	1.0004	1.0000	100.0
G0307_015.0015.D	QC	3.443	36163	0.2478	0.2500	99.1
G0307_017.0017.D	Blank	3.416	0	ND		

### Compound: 1,1,1,2-Tetrachloroethane

Data File	Sample Type	RT	Resp	Final Conc	Exp. Conc	Accuracy
G0307_007.0007.D	CC	3.977	887	0.0111	0.0100	110.6
G0307_008.0008.D	CC	3.975	3523	0.0190	0.0200	95.2
G0307_009.0009.D	CC	3.972	12967	0.0475	0.0500	95.0
G0307_010.0010.D	CC	3.971	30077	0.0987	0.1000	98.7
G0307_011.0011.D	CC	3.967	63305	0.1966	0.2000	98.3
G0307_012.0012.D	CC	3.967	137858	0.4098	0.4000	102.4
G0307_013.0013.D	CC	3.967	359034	0.9973	1.0000	99.7
G0307_015.0015.D	QC	3.968	30283	0.0993	0.1000	99.3
G0307_017.0017.D	Blank	3.967	30033	0.0985		

# Initial Calibration Report - WJB

Method Path  
 Method File  
 Batch Name                    \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantResults\G030722\_8011\_W\_CLT.batch.bin  
 Last Calib Update            3/9/2022 9:22:16 AM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_007.0007.D	3/7/2022 1:40:07 PM	3/8/2022 8:38:14 AM
7	\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_008.0008.D	3/7/2022 1:59:50 PM	3/8/2022 8:38:14 AM
2	\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_009.0009.D	3/7/2022 2:19:41 PM	3/8/2022 8:38:14 AM
3	\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_010.0010.D	3/7/2022 2:39:39 PM	3/8/2022 8:38:14 AM
4	\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_011.0011.D	3/7/2022 2:59:21 PM	3/8/2022 8:38:14 AM
5	\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_012.0012.D	3/7/2022 3:19:25 PM	3/8/2022 8:38:14 AM
6	\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_013.0013.D	3/7/2022 3:39:10 PM	3/8/2022 8:38:14 AM

Compound	Curve Fit	1	7	2	3	4	5	6	Avg RF	%RSD
M 1,2-Dibromoethane	Quadratic	151380	177780	163911	155917	145747	141762	128319	152117	10.487
S 1,1,1,2-Tetrachloroethane	Quadratic	88655	176143	259336	300771	316527	344645	359034	263587	37.343

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

## Compounds with Curve fitting not using Avg Response Factor:

Compound	Curve Fit	Curve Fit Formula	Curve Fit R2
M 1,2-Dibromoethane	Quadratic	$y = -23485.395665 * x^2 + 151763.612618 * x$	0.999897
S 1,1,1,2-Tetrachloroethane	Quadratic	$y = 33346.595344 * x^2 + 329519.067359 * x - 2763.292476$	0.999628

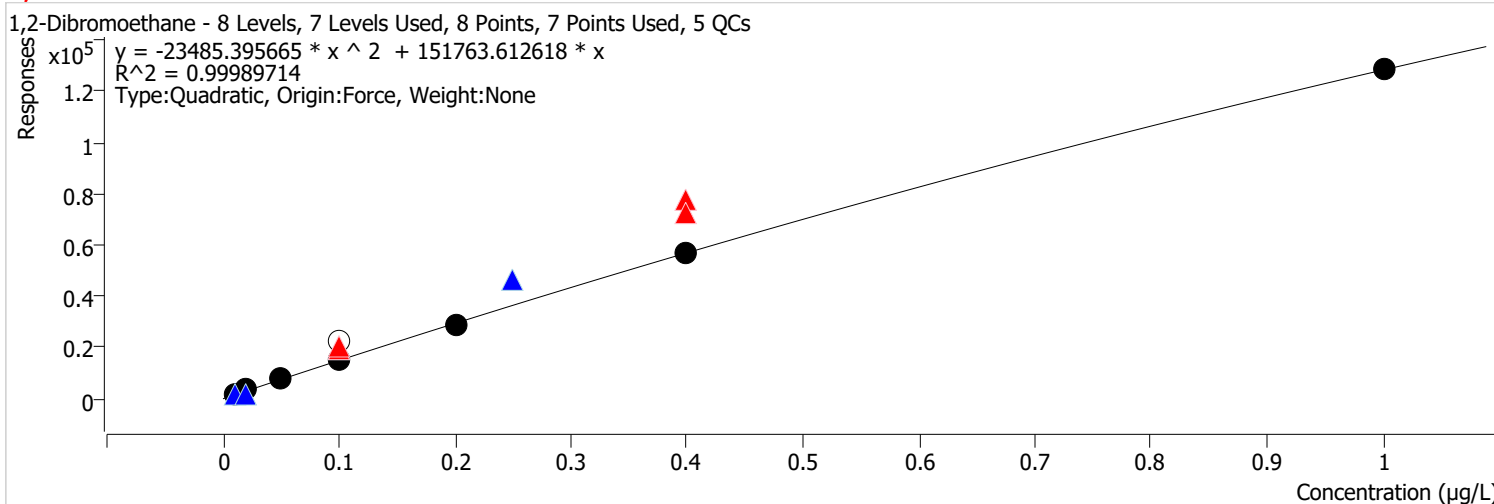
(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike



# Calibration Report

Batch Path	\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantResults\G030722_8011_W_CLT.batch.bin	Analyst Name	BL2000\ctran
Analysis Time	3/9/2022 9:29 AM	Reporter Name	BL2000\ctran
Report Time	3/11/2022 2:09:41 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:22 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

**1,2-Dibromoethane %RSE =**

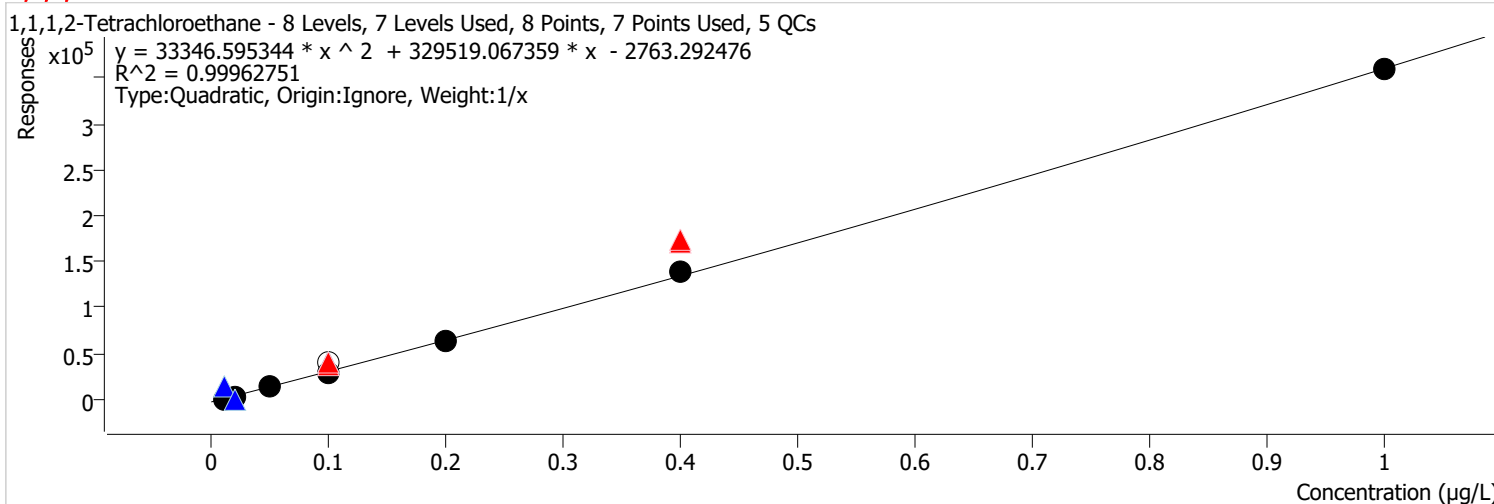


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\GECD.I\G092121\aiexport\G0921_026.0026.D	QC	1	x	1707	0.0100	170728.9 447	
\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_007.0007.D	Calibration	1	x	1514	0.0100	151380.1 683	
D:\Org\Data\GECD.I\G091321\aiexport\G0913_018.0018.D	QC	7	x	1335	0.0200	66739.74 25	
\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_008.0008.D	Calibration	7	x	3556	0.0200	177780.0 564	
\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_009.0009.D	Calibration	2	x	8196	0.0500	163910.9 724	
\\MASSHUNTER\Org\Data\GECD.I\G111820\aiexport\G1118_016.0016.D	Calibration	CC3		22970	0.1000		
D:\Org\Data\GECD.I\G081021\aiexport\G0810_016.0016.D	QC	CC3		21004	0.1000	210042.4 247	
D:\Org\Data\GECD.I\G122121\aiexport\G1221_061.0061.D	CC	CC3		19101	0.1000	191007.5 606	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_053.0053.D	CC	3	x	19066	0.1000	190664.4 764	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_030.0030.D	QC	LCS1	x	19195	0.1000	191949.8 990	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_027.0027.D	CC	3	x	20905	0.1000	209045.9 250	
\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_010.0010.D	Calibration	3	x	15592	0.1000	155916.8 972	
\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_011.0011.D	Calibration	4	x	29149	0.2000	145747.0 023	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_029.0029.D	QC	LCS	x	46496	0.2500	185984.9 936	
D:\Org\Data\GECD.I\G122121\aiexport\G1221_074.0074.D	CC	CC5	x	77330	0.4000	193324.5 351	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_044.0044.D	CC	5	x	72089	0.4000	180222.6 846	
\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_012.0012.D	Calibration	5	x	56705	0.4000	141762.1 819	
\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_013.0013.D	Calibration	6	x	128319	1.0000	128319.2 599	

# Calibration Report

Batch Path	\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantResults\G030722_8011_W_CLT.batch.bin	Analyst Name	BL2000\ctran
Analysis Time	3/9/2022 9:29 AM	Reporter Name	BL2000\ctran
Report Time	3/11/2022 2:09:46 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:22 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

**1,1,1,2-Tetrachloroethane %RSE =**

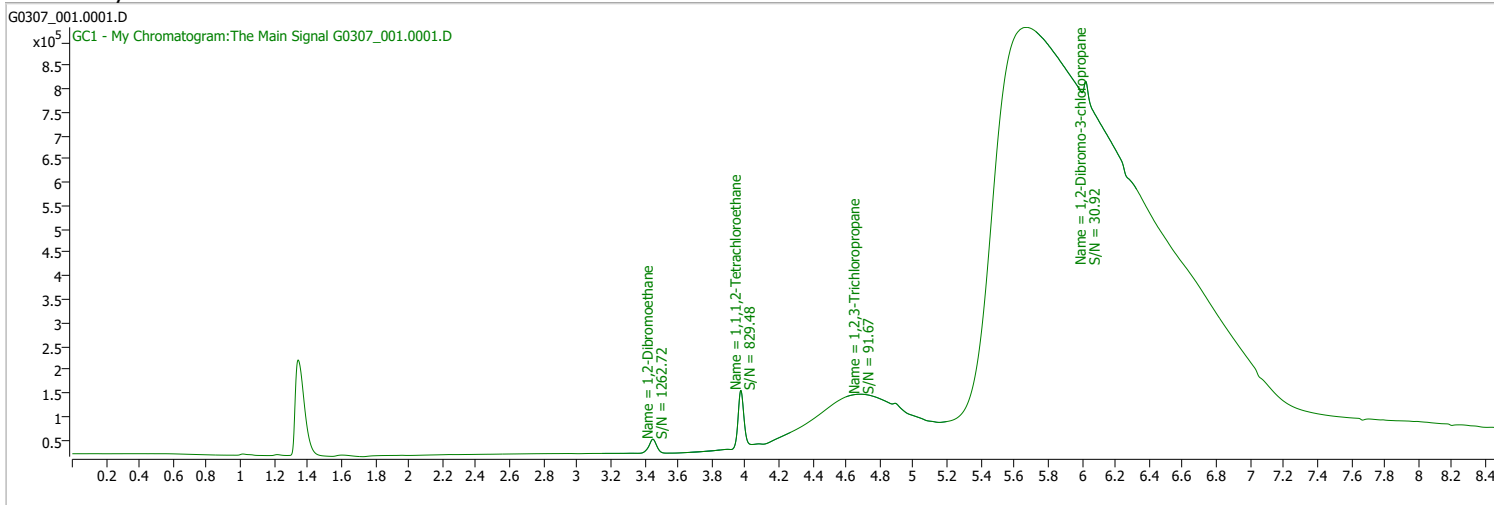


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\GECD.I\G092121\aiexport\G0921_026.0026.D	QC	1	x	15026	0.0100	1502610.5883	
\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_007.0007.D	Calibration	1	x	887	0.0100	88654.7297	
D:\Org\Data\GECD.I\G091321\aiexport\G0913_018.0018.D	QC	7	x	686	0.0200	34275.7771	
\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_008.0008.D	Calibration	7	x	3523	0.0200	176142.6461	
\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_009.0009.D	Calibration	2	x	12967	0.0500	259335.8974	
\\MASSHUNTER\Org\Data\GECD.I\G111820\aiexport\G1118_016.0016.D	Calibration	CC3		41065	0.1000		
D:\Org\Data\GECD.I\G081021\aiexport\G0810_016.0016.D	QC	CC3		42481	0.1000	424813.5788	
D:\Org\Data\GECD.I\G122121\aiexport\G1221_061.0061.D	CC	CC3		29228	0.1000	292276.2189	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_053.0053.D	CC	3	x	38726	0.1000	387264.2087	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_030.0030.D	QC	LCS1	x	41151	0.1000	411505.5261	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_029.0029.D	QC	LCS	x	40669	0.1000	406691.2911	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_027.0027.D	CC	3	x	40786	0.1000	407855.1467	
\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_010.0010.D	Calibration	3	x	30077	0.1000	300770.8600	
\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_011.0011.D	Calibration	4	x	63305	0.2000	316527.3548	
D:\Org\Data\GECD.I\G122121\aiexport\G1221_074.0074.D	CC	CC5	x	169695	0.4000	424236.9956	
\\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_044.0044.D	CC	5	x	172872	0.4000	432180.2832	
\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_012.0012.D	Calibration	5	x	137858	0.4000	344644.5516	
\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_013.0013.D	Calibration	6	x	359034	1.0000	359033.7400	

# Quantitation Results Report (QT Reviewed)

Data File	G0307_001.0001.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 11:41:49 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**

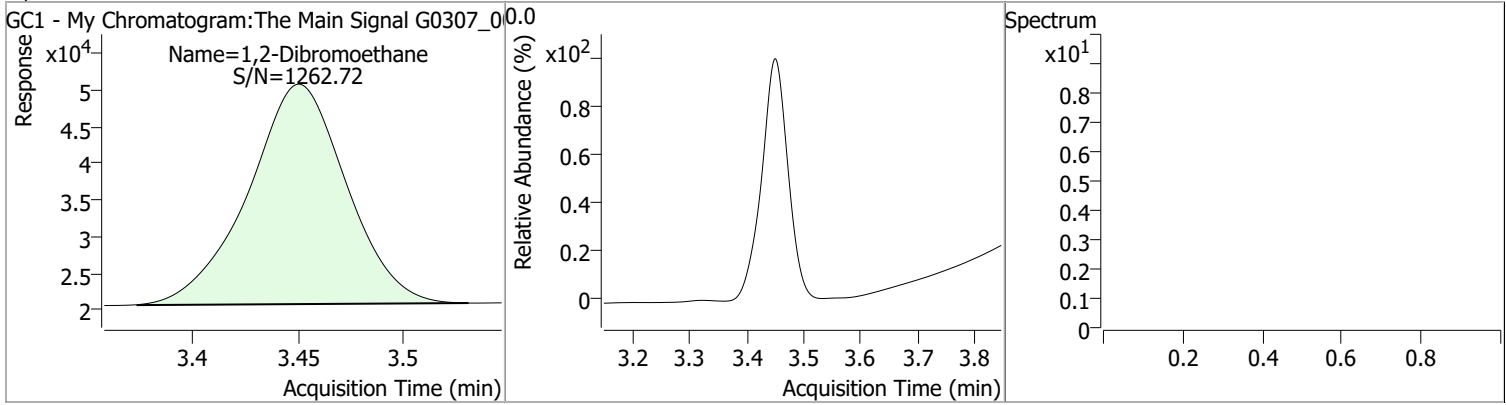


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.973	0.0	285691	0.8091	µg/L	0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 809.13% *		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.450	0.0	96301	0.7133	µg/L	QValue 100

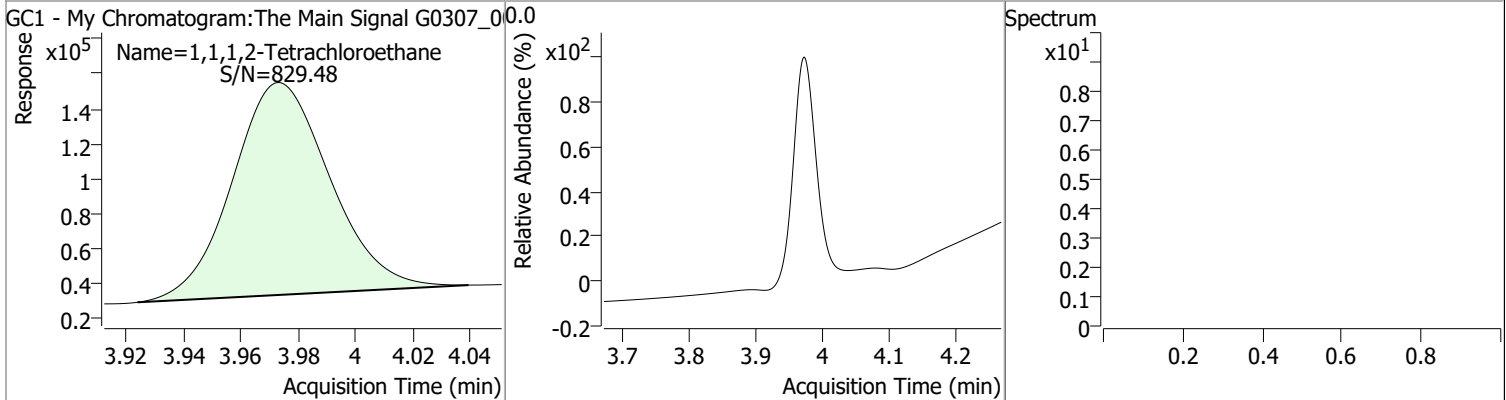
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.7133	3.45	0.00	96301				



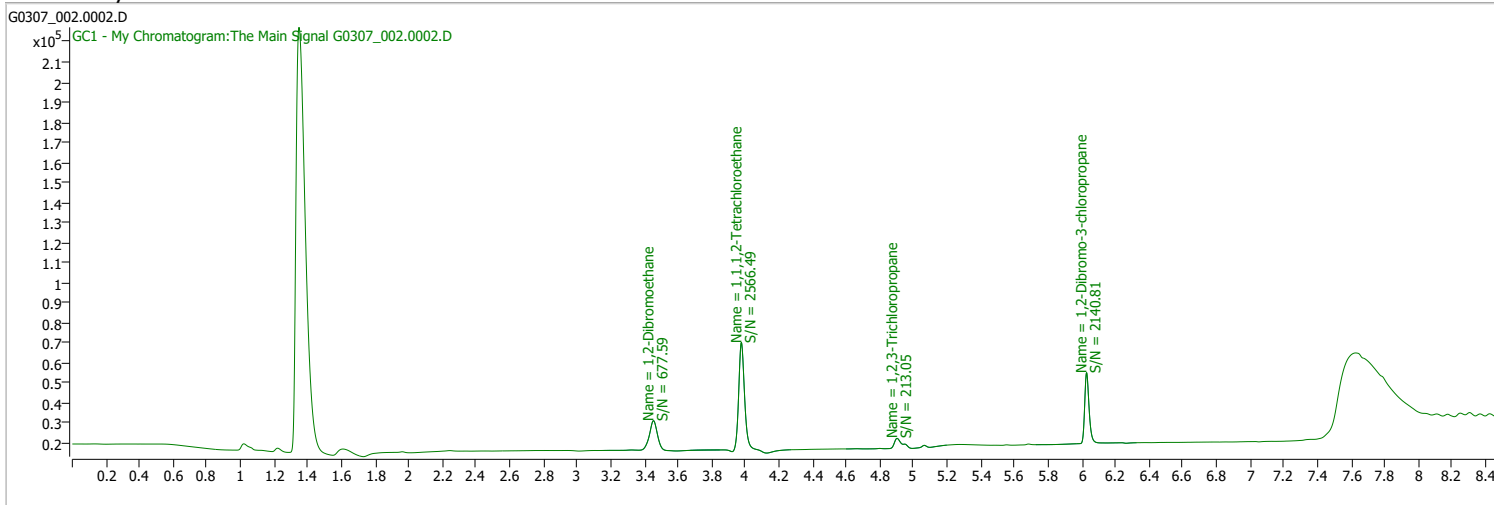
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.8091	3.97	0.00	285691				



# Quantitation Results Report (QT Reviewed)

Data File	G0307_002.0002.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 12:01:02 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**

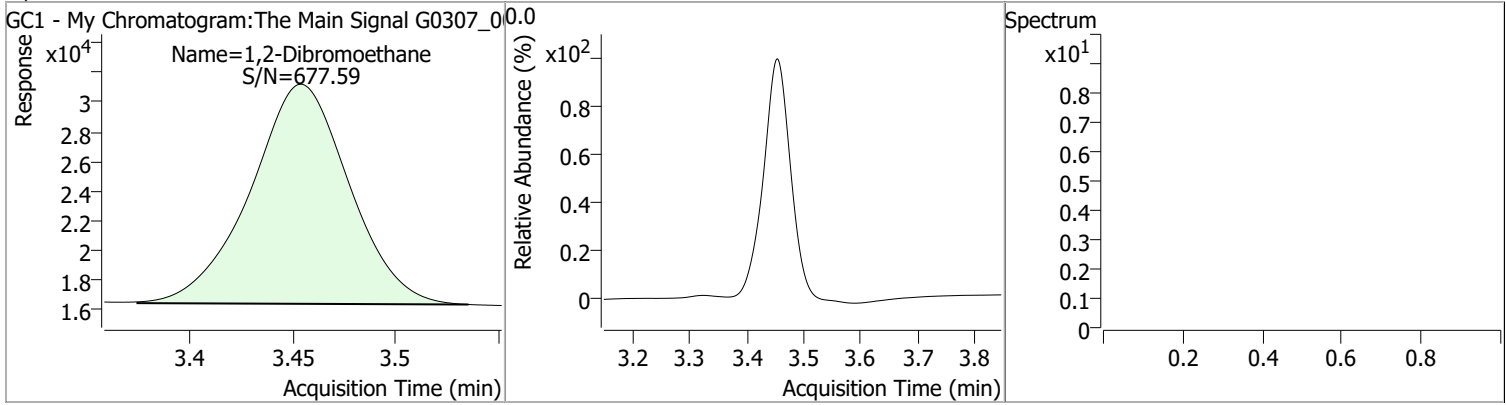


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.977	0.0	140098	0.4160	µg/L	0.006
Spiked Amount: 0.100				Range: 70.0 - 130.0%		Recovery = 416.03% *
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.454	0.0	49203	0.3423	µg/L	QValue 100

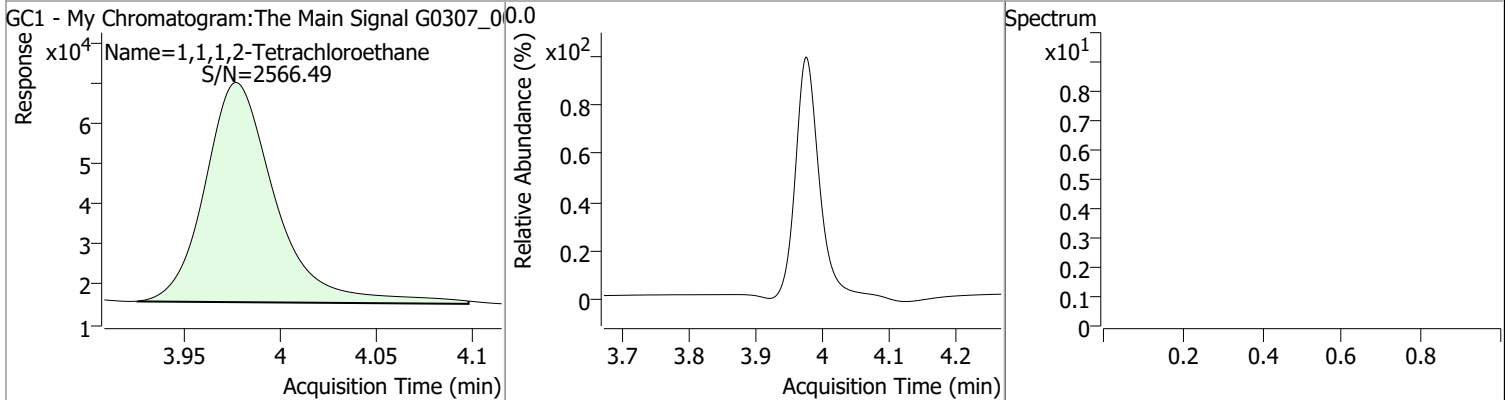
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.3423	3.45	0.01	49203				



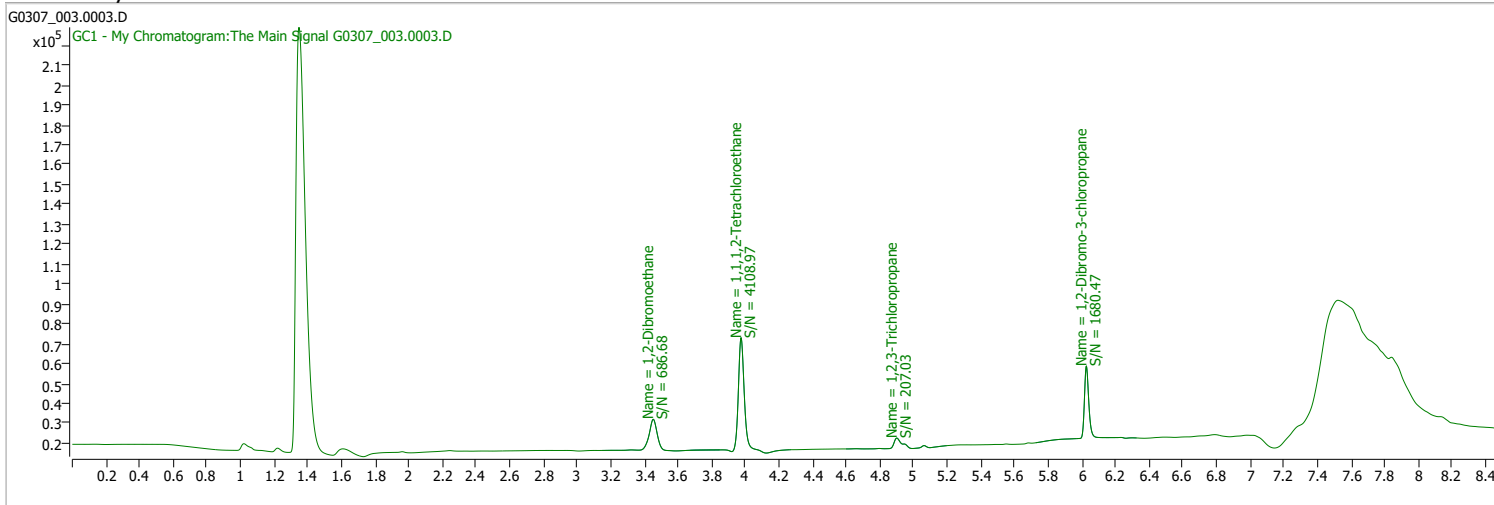
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4160	3.98	0.01	140098				



# Quantitation Results Report (QT Reviewed)

Data File	G0307_003.0003.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 12:20:47 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**

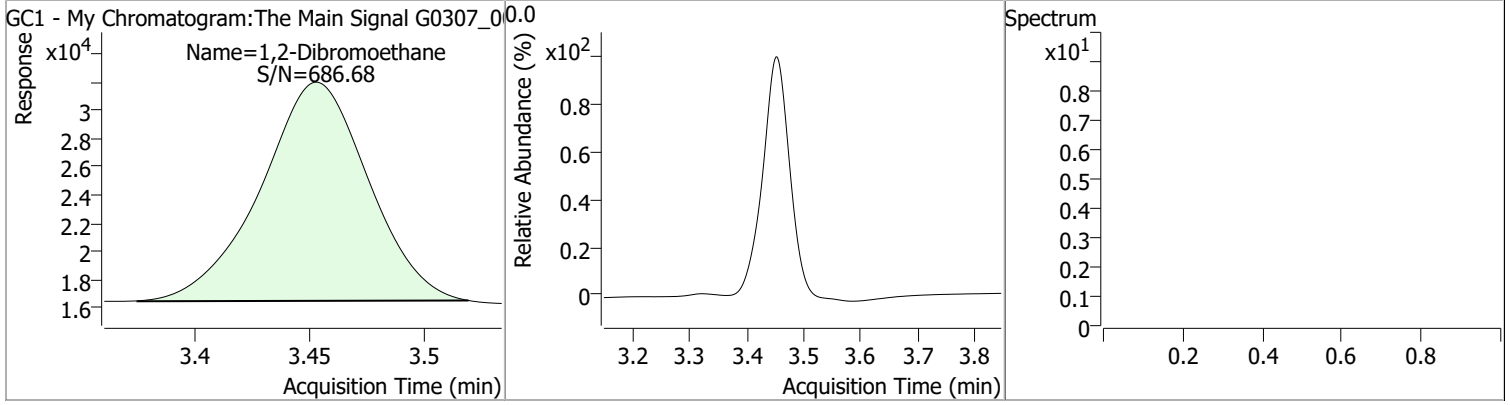


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.974	0.0	142552	0.4229	µg/L	0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 422.89%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.453	0.0	50220	0.3498	µg/L	100

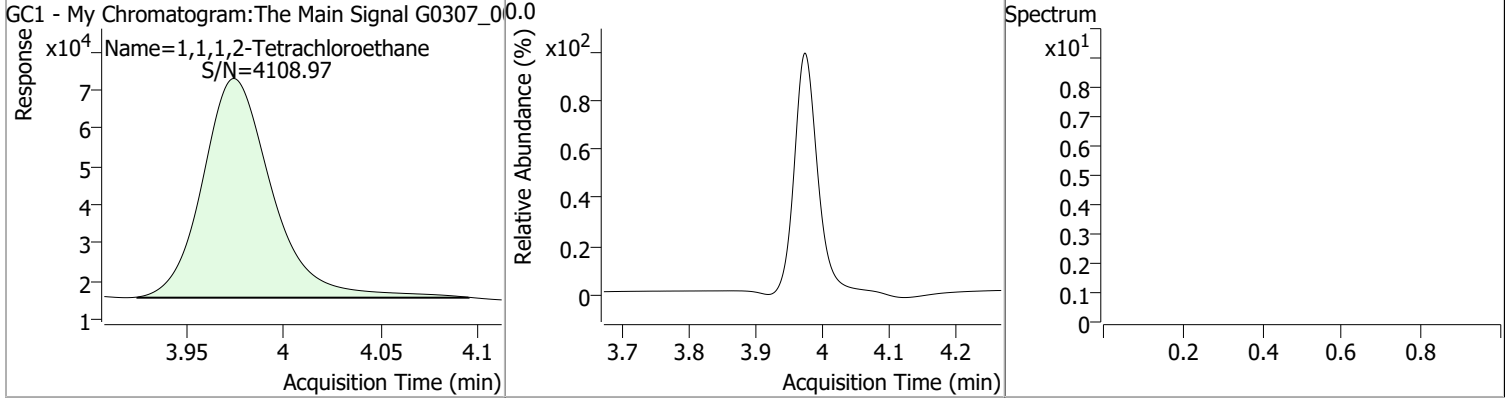
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.3498	3.45	0.00	50220				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4229	3.97	0.00	142552				

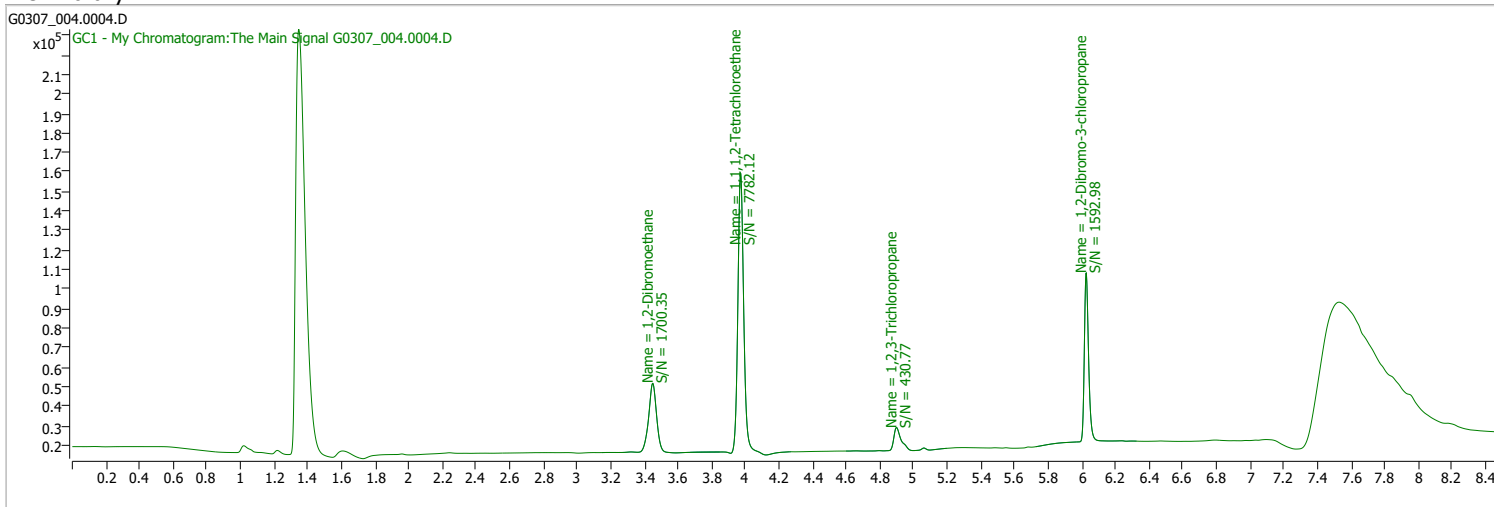




# Quantitation Results Report (QT Reviewed)

Data File	G0307_004.0004.D	Operator	
Acq. Method	testAcqFilePath	Acq. Date-Time	3/7/2022 12:40:32 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

S 1,1,1,2-Tetrachloroethane	3.972	0.0	345594	0.9633	µg/L	0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 963.27%	*	

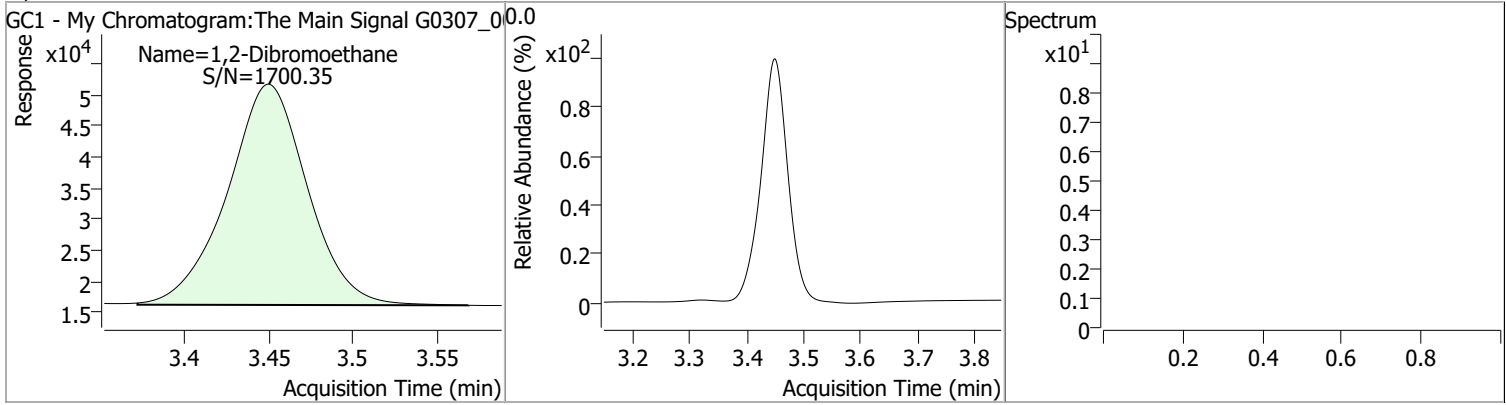
**Target Compounds**

M 1,2-Dibromoethane	3.449	0.0	117398	0.8985	µg/L	QValue 100
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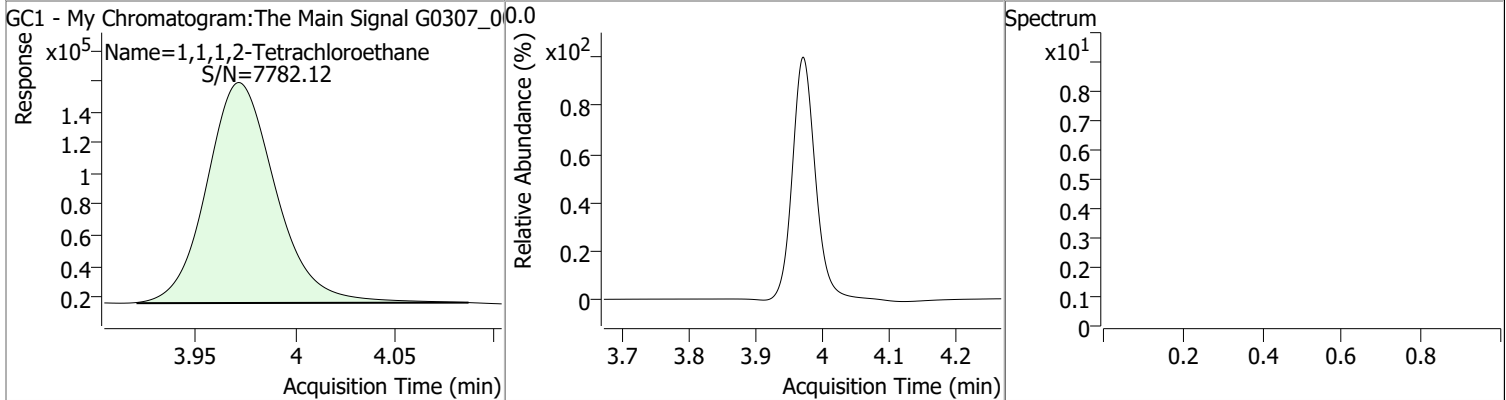
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.8985	3.45	0.00	117398				



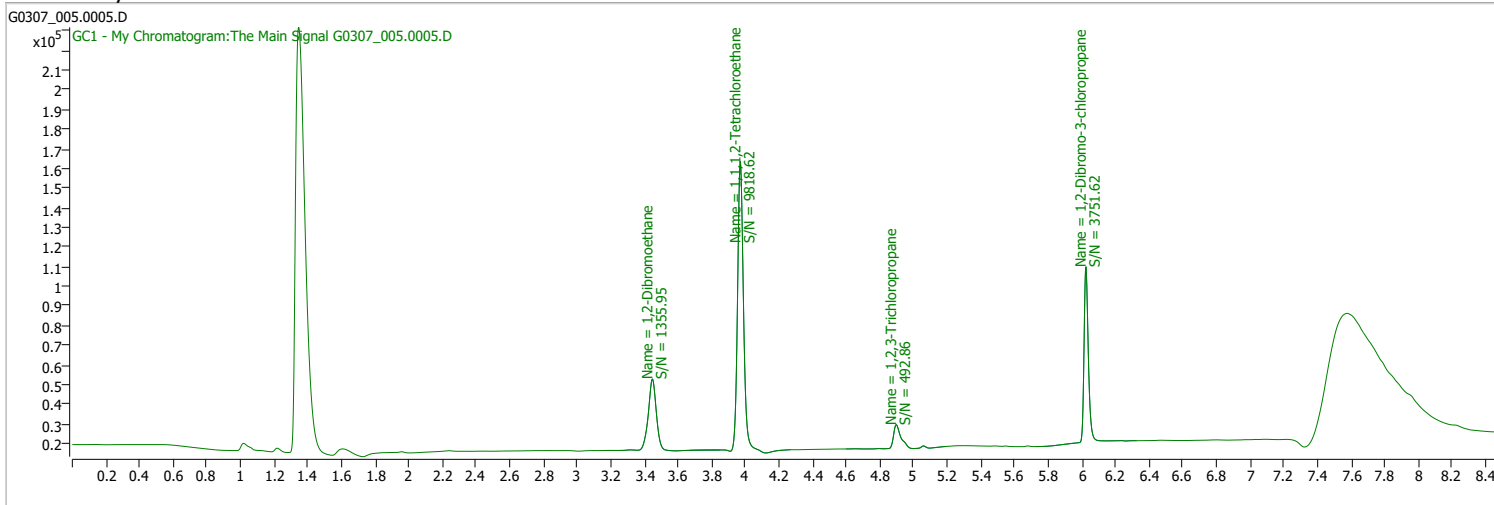
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.9633	3.97	0.00	345594				



# Quantitation Results Report (QT Reviewed)

Data File	G0307_005.0005.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 1:00:24 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**

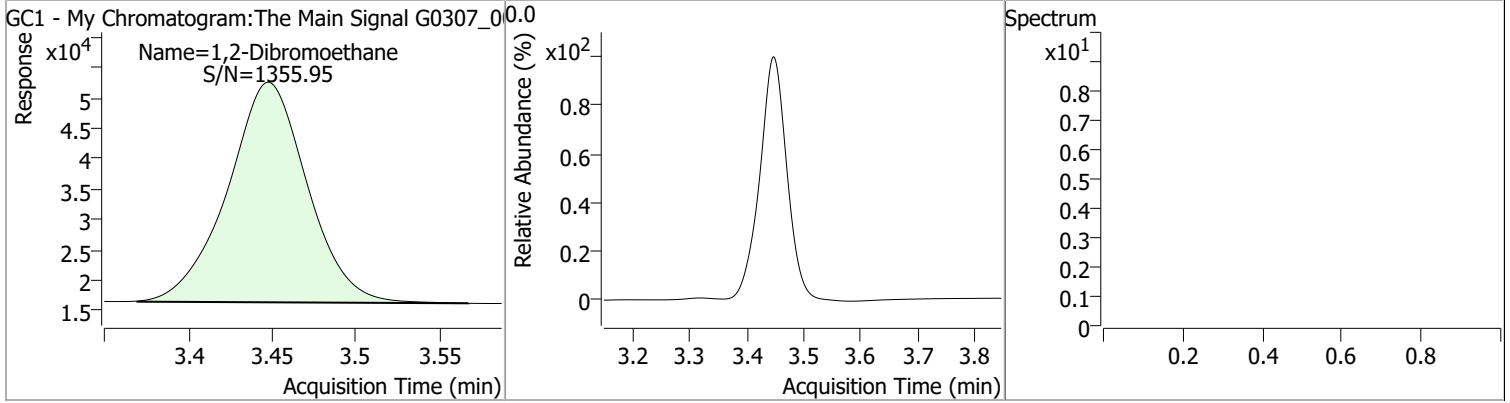


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.970	0.0	363969	1.0098	µg/L	-0.001
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 1009.75% *		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.448	0.0	120760	0.9294	µg/L	QValue 100

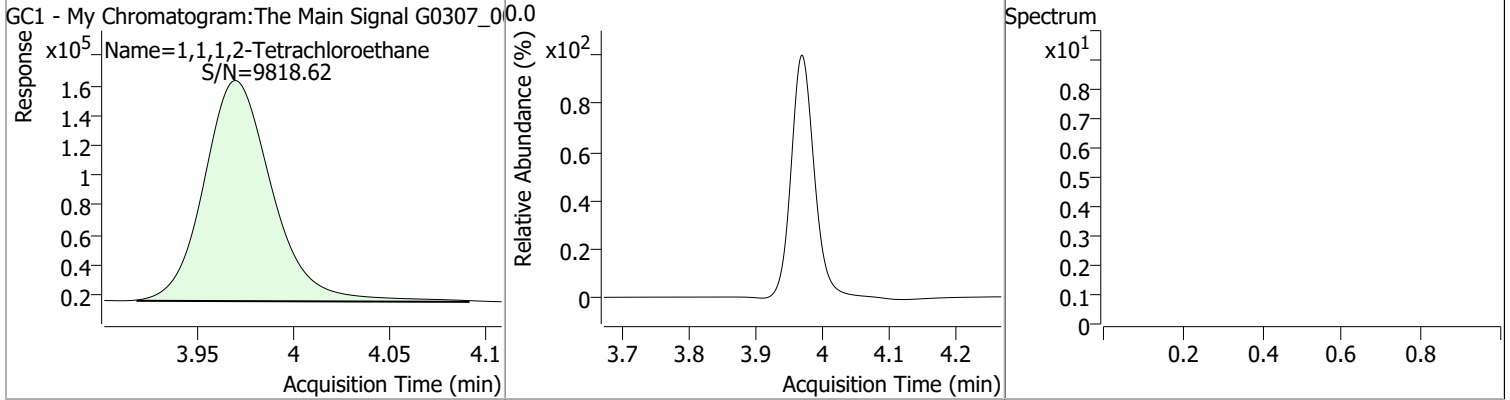
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.9294	3.45	0.00	120760				



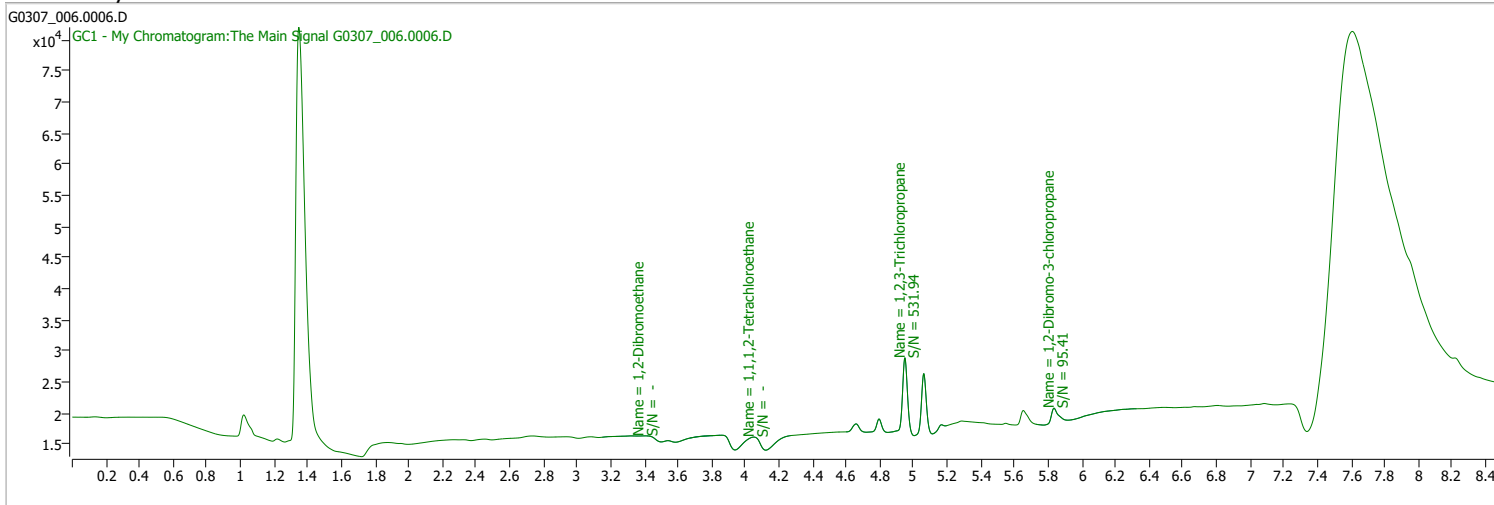
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	1.0098	3.97	0.00	363969				



# Quantitation Results Report (QT Reviewed)

Data File	G0307_006.0006.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 1:20:29 PM
Sample Name	Hexane	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

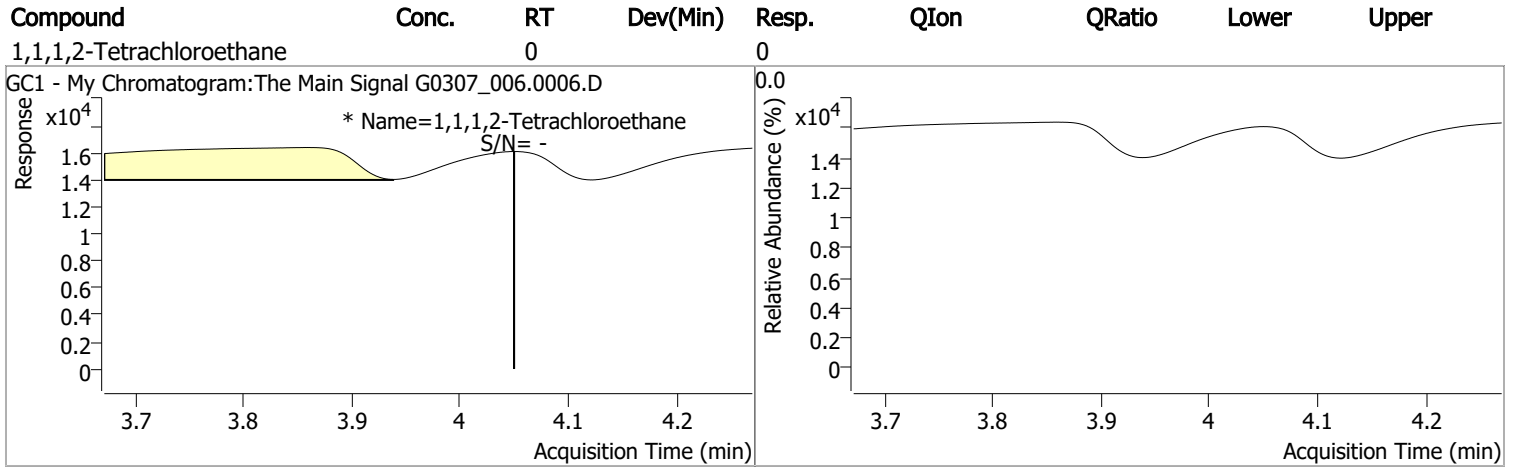
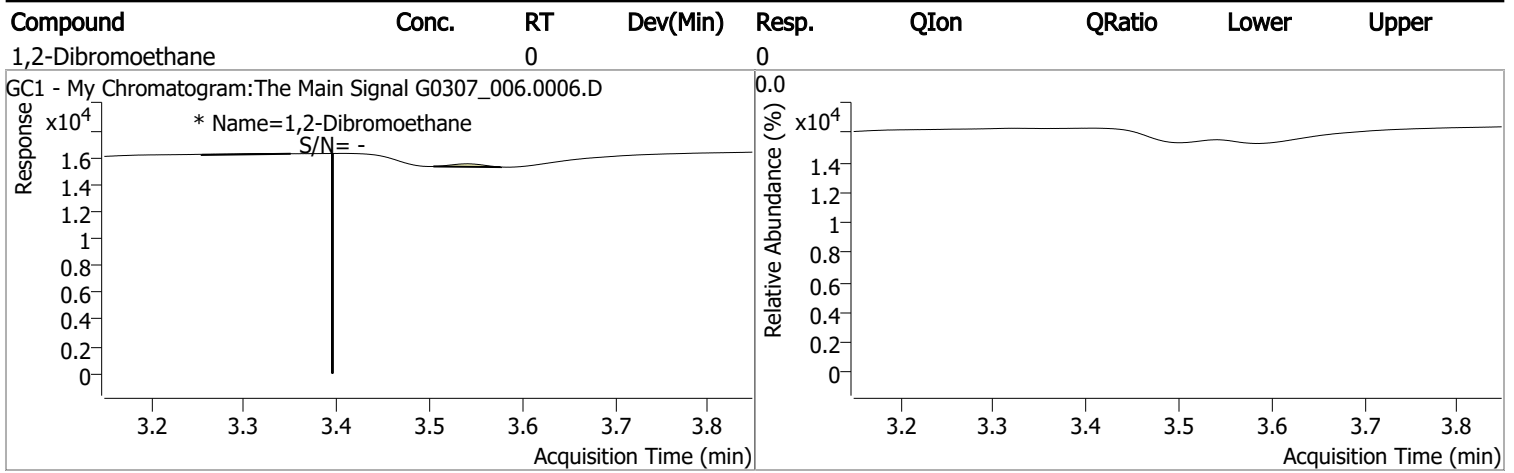
S 1,1,1,2-Tetrachloroethane	4.050	0.0	0		µg/L	md	0.079
Spiked Amount: 0.100	Range: 70.0 - 130.0%				Recovery = NA%		

**Target Compounds**

M 1,2-Dibromoethane	3.395	0.0	0		µg/L	md	<b>QValue</b> 1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

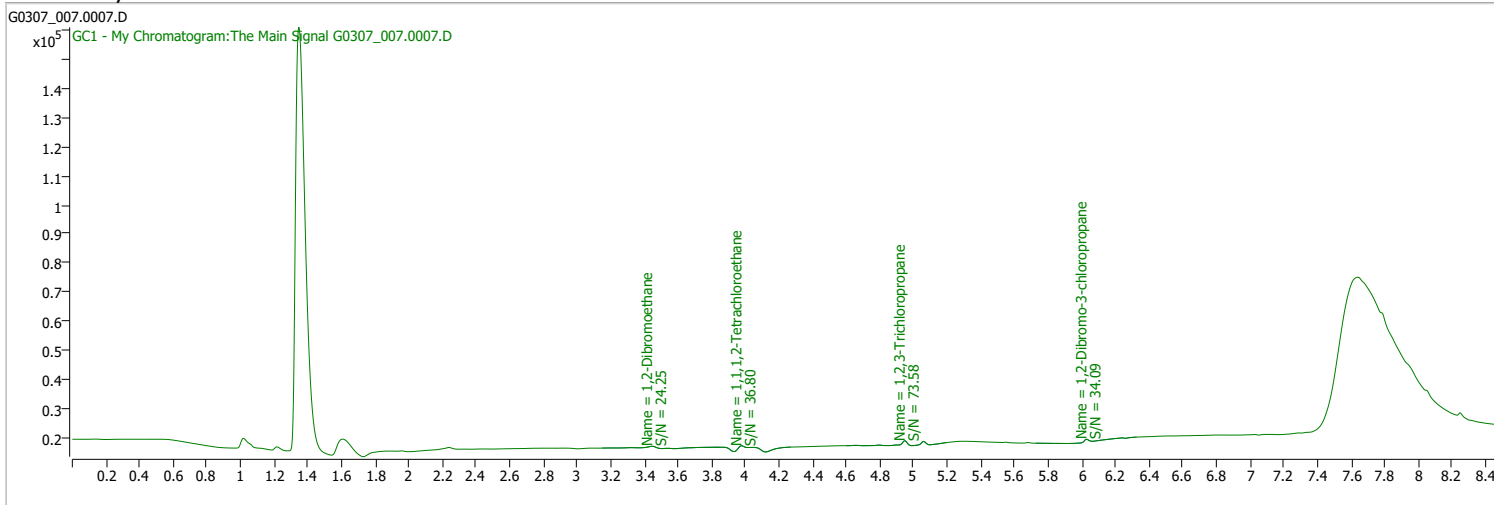
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_007.0007.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 1:40:07 PM
Sample Name	CAL1-164256	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**

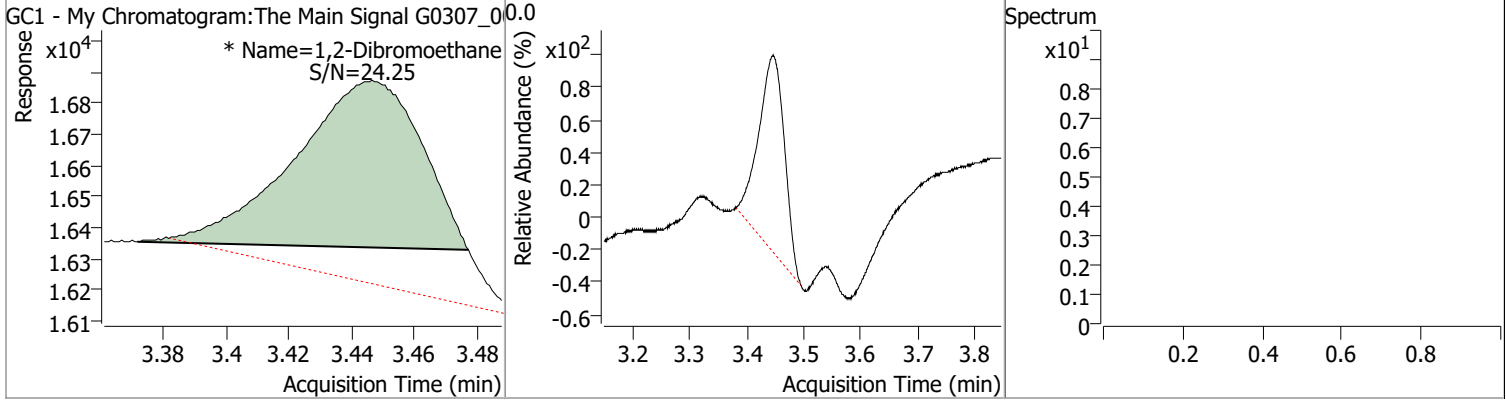


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.977	0.0	887	0.0111	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 11.06%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.447	0.0	1514	0.0100	µg/L	m
						<b>QValue</b>
						100

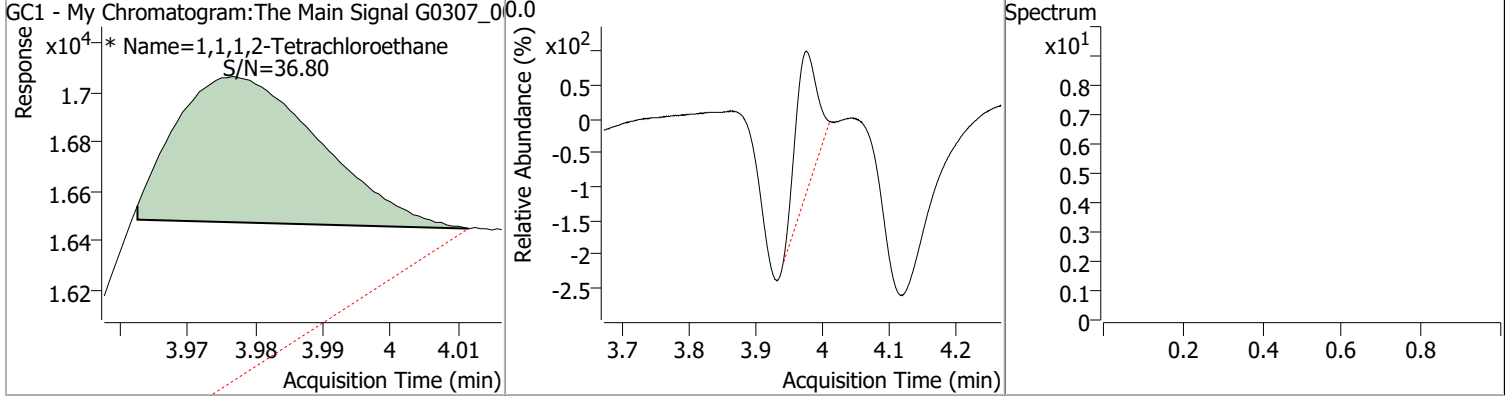
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0100	3.45	0.00	1514 (m)				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0111	3.98	0.01	887 (m)				

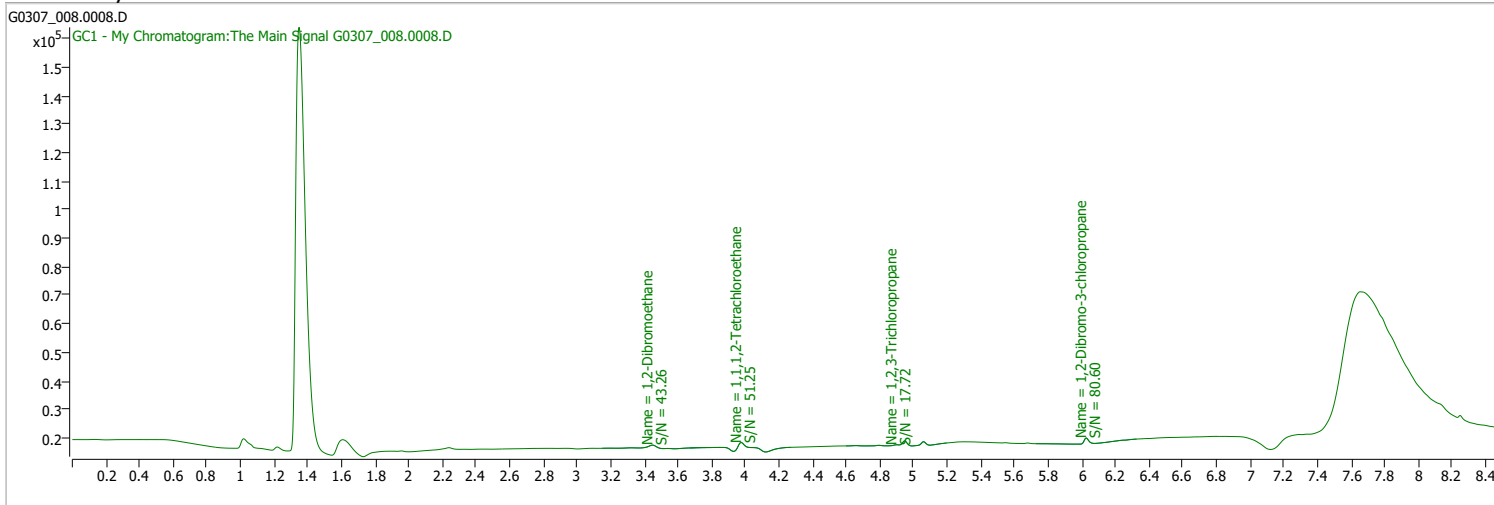




# Quantitation Results Report (QT Reviewed)

Data File	G0307_008.0008.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 1:59:50 PM
Sample Name	CAL7-164256	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

S 1,1,1,2-Tetrachloroethane	3.975	0.0	3523	0.0190	µg/L	m	0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 19.04%		*	

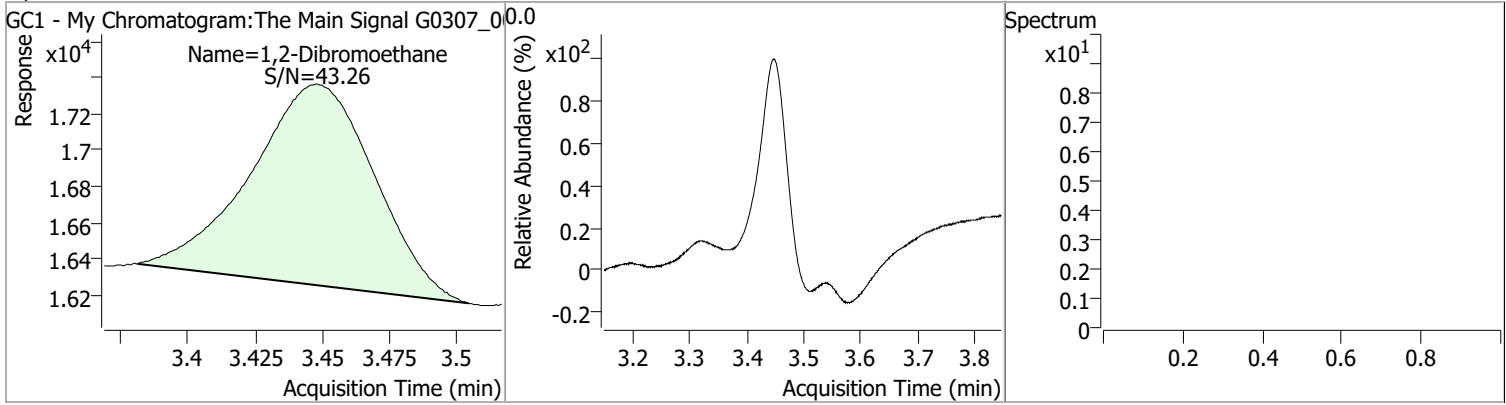
**Target Compounds**

M 1,2-Dibromoethane	3.448	0.0	3556	0.0235	µg/L		<b>QValue</b> 100
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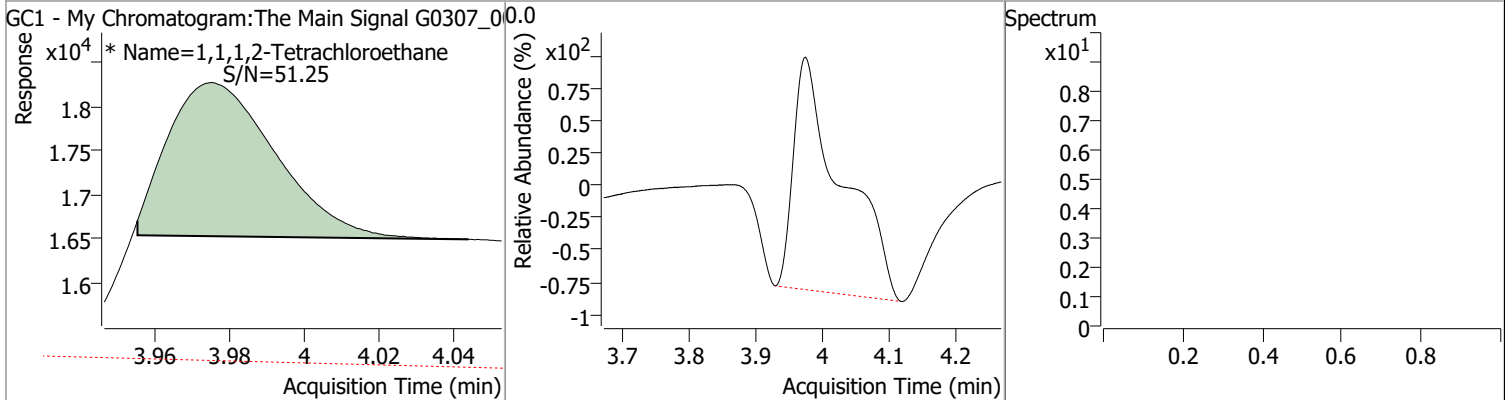
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0235	3.45	0.00	3556				



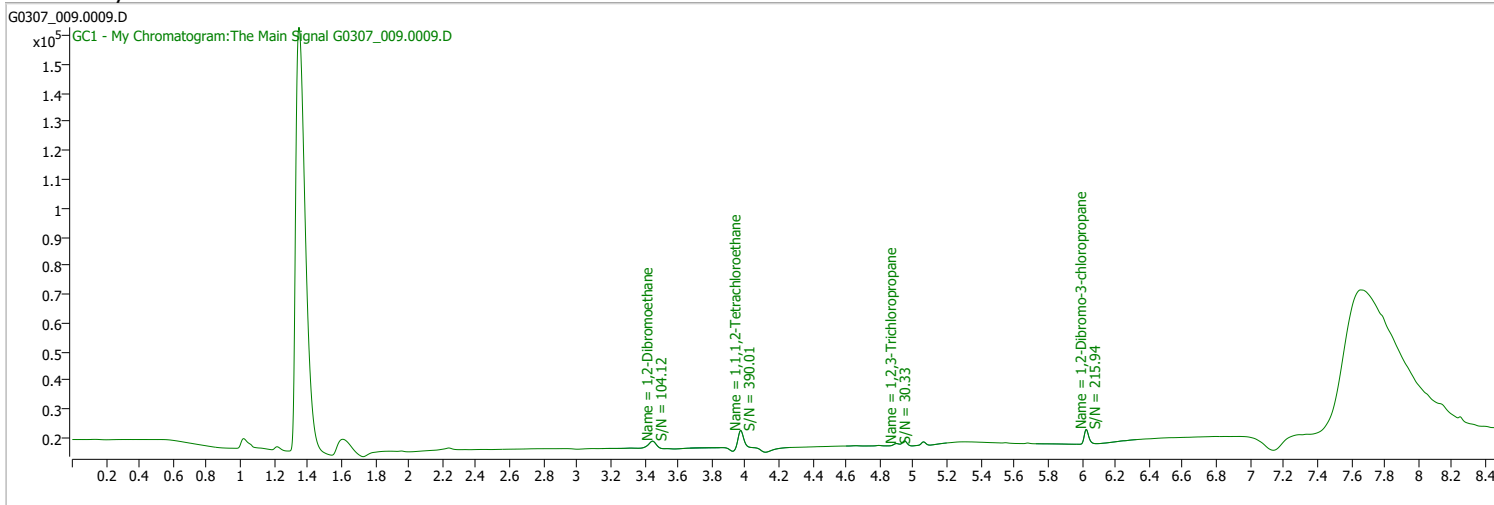
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0190	3.98	0.00	3523 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0307_009.0009.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 2:19:41 PM
Sample Name	CAL2-164256	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**

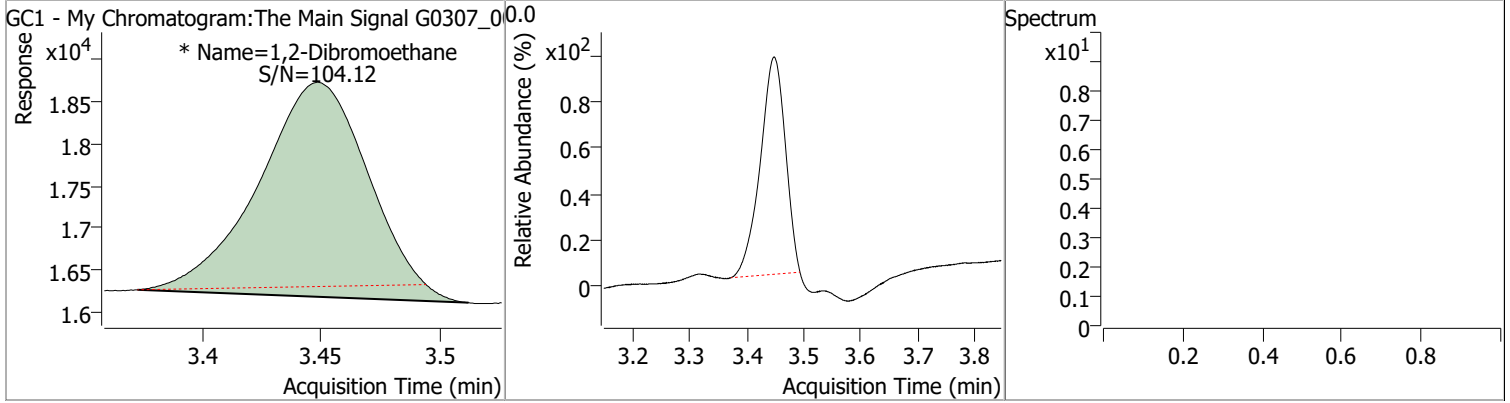


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.972	0.0	12967	0.0475	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 47.51%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.448	0.0	8196	0.0545	µg/L	m
						<b>QValue</b> 100

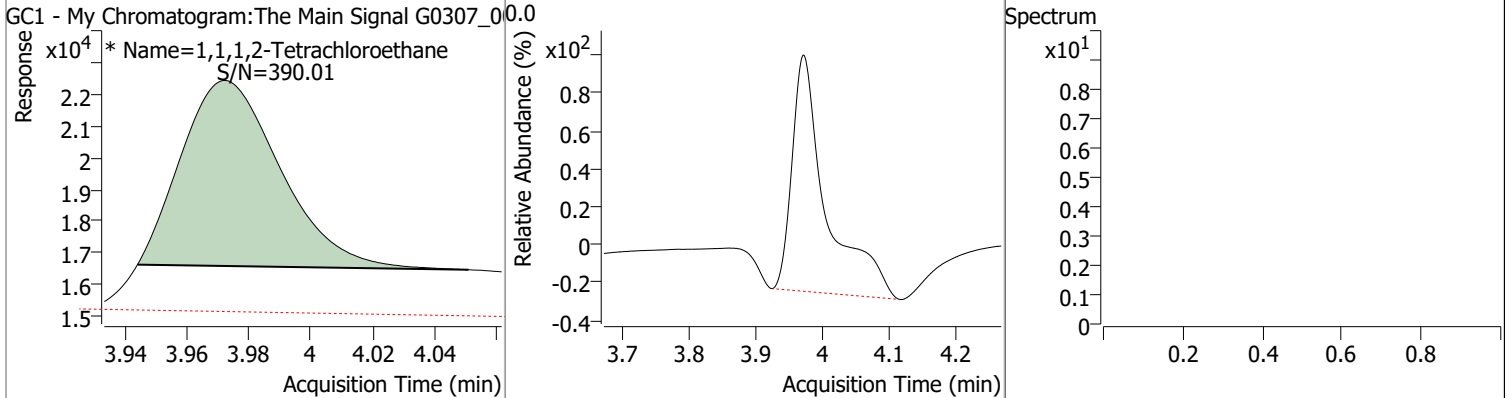
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0545	3.45	0.00	8196 (m)				



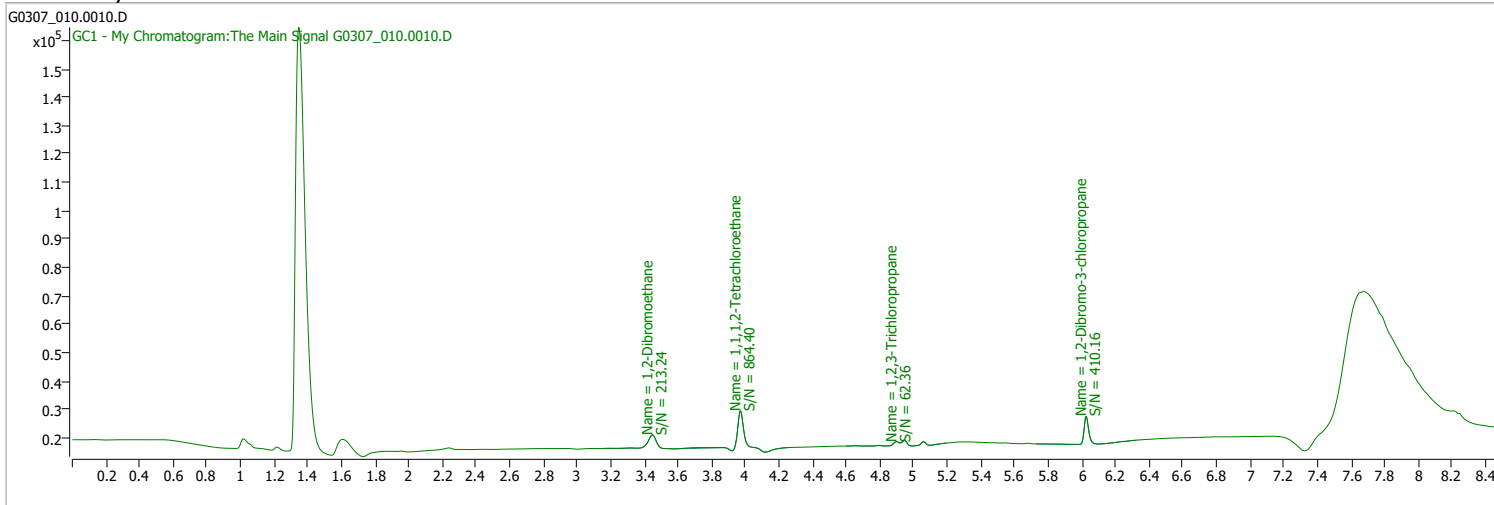
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0475	3.97	0.00	12967 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0307_010.0010.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 2:39:39 PM
Sample Name	CAL3-164256	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**

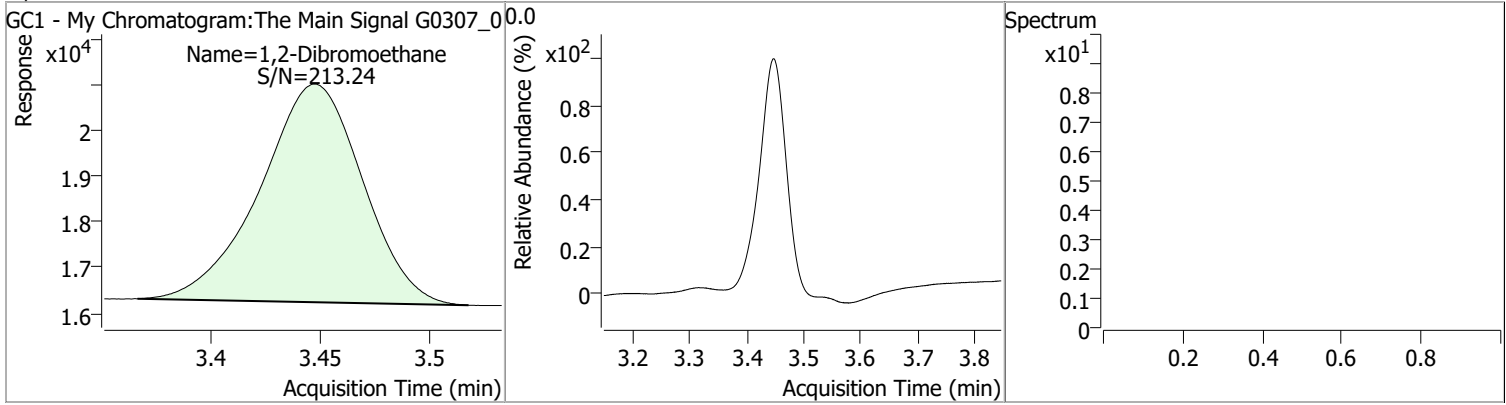


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.971	0.0	30077	0.0987	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 98.68%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.448	0.0	15592	0.1044	µg/L	QValue 100

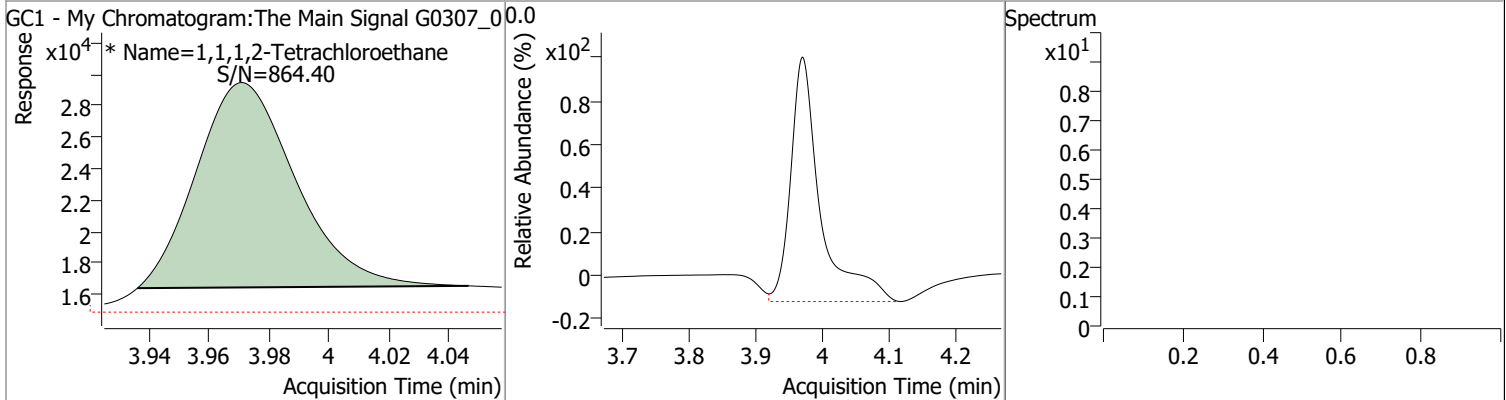
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1044	3.45	0.00	15592				



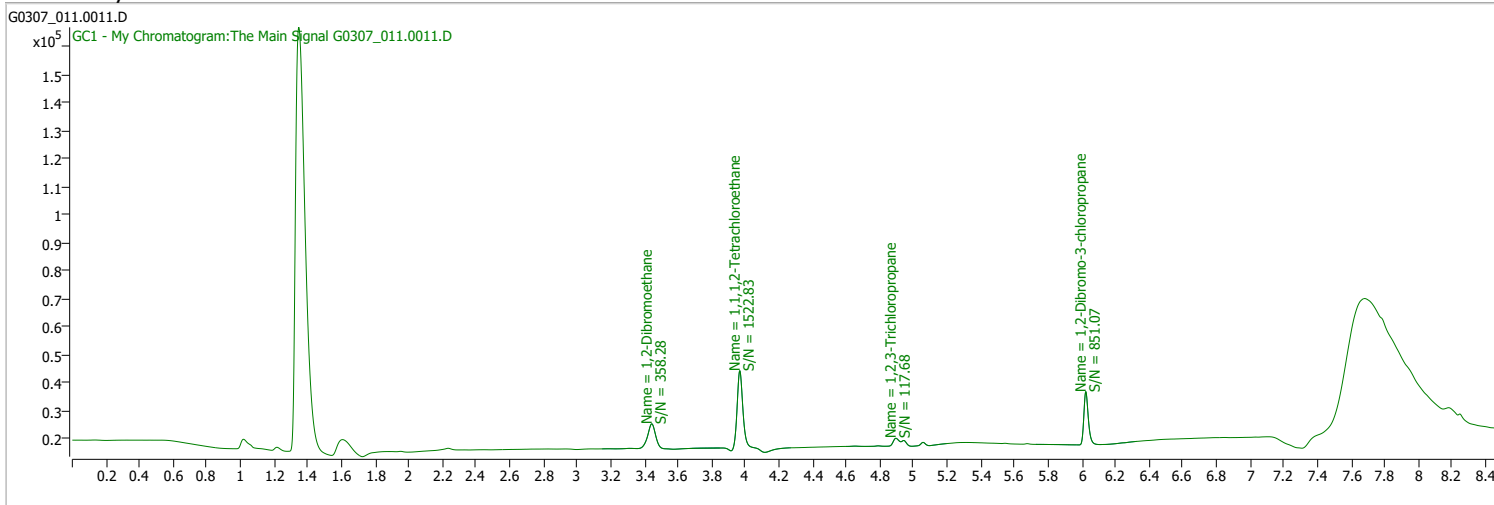
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0987	3.97	0.00	30077 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0307_011.0011.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 2:59:21 PM
Sample Name	CAL4-164256	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**

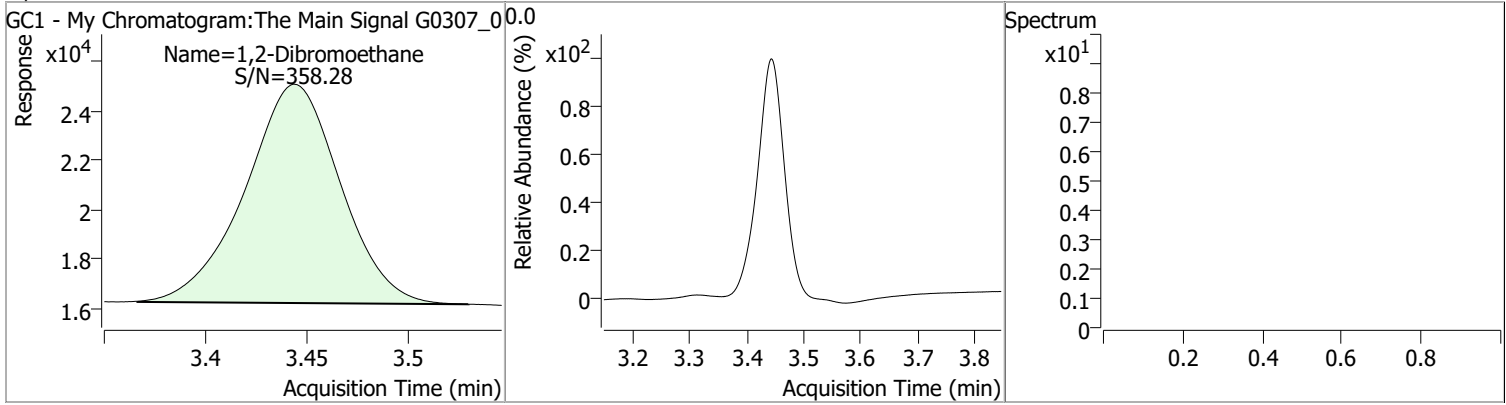


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.967	0.0	63305	0.1966	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 196.59%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.443	0.0	29149	0.1981	µg/L	QValue 100

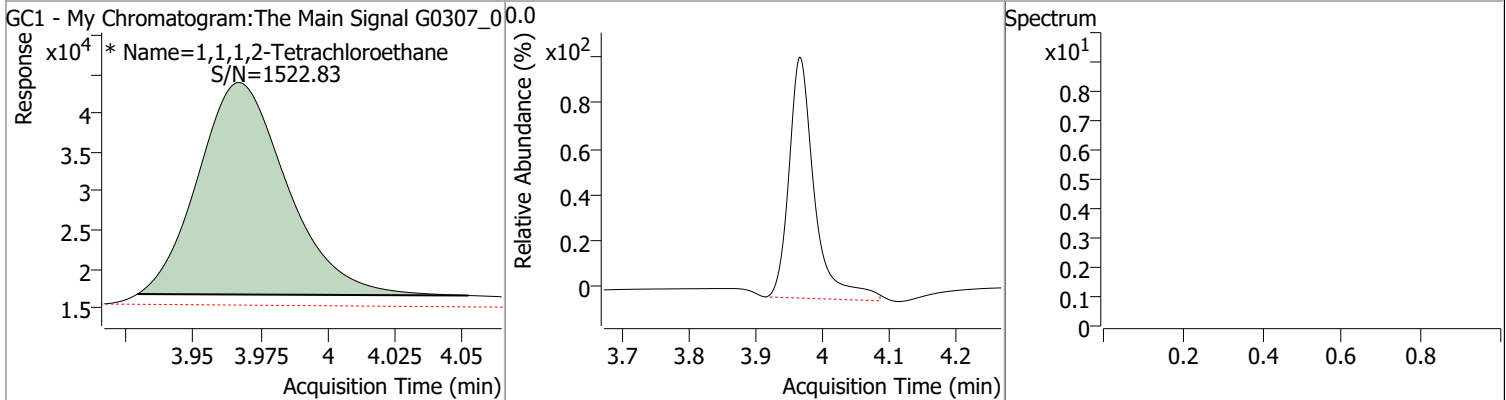
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1981	3.44	-0.01	29149				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1966	3.97	0.00	63305 (m)				

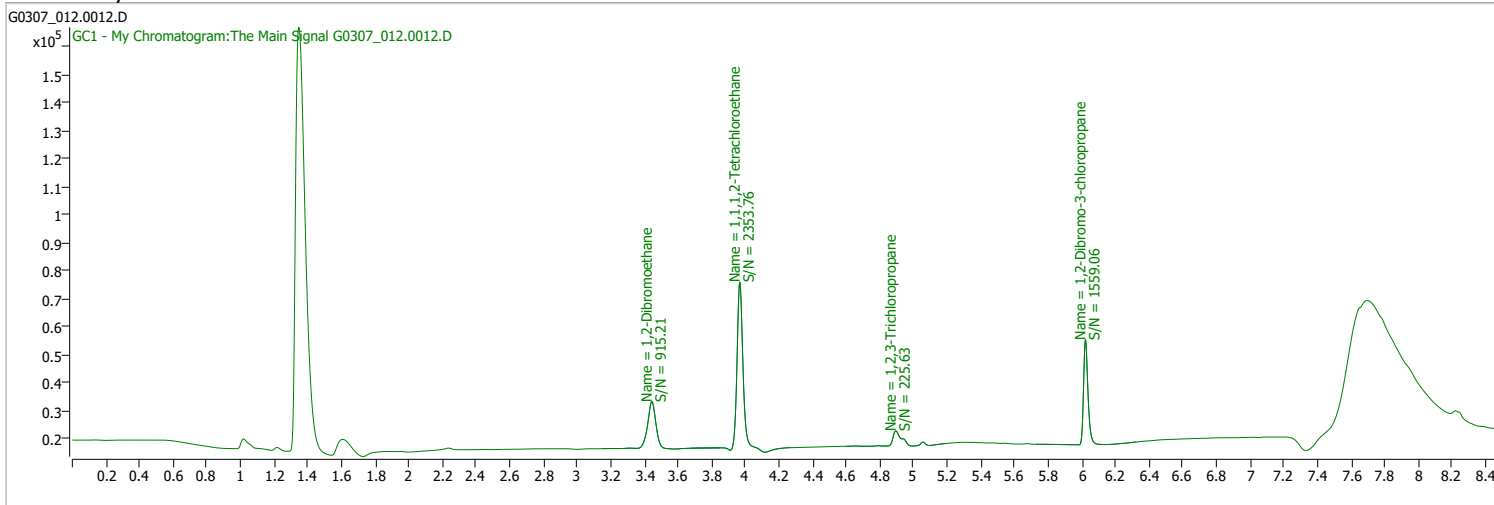




# Quantitation Results Report (QT Reviewed)

Data File	G0307_012.0012.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 3:19:25 PM
Sample Name	CAL5-164256	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**

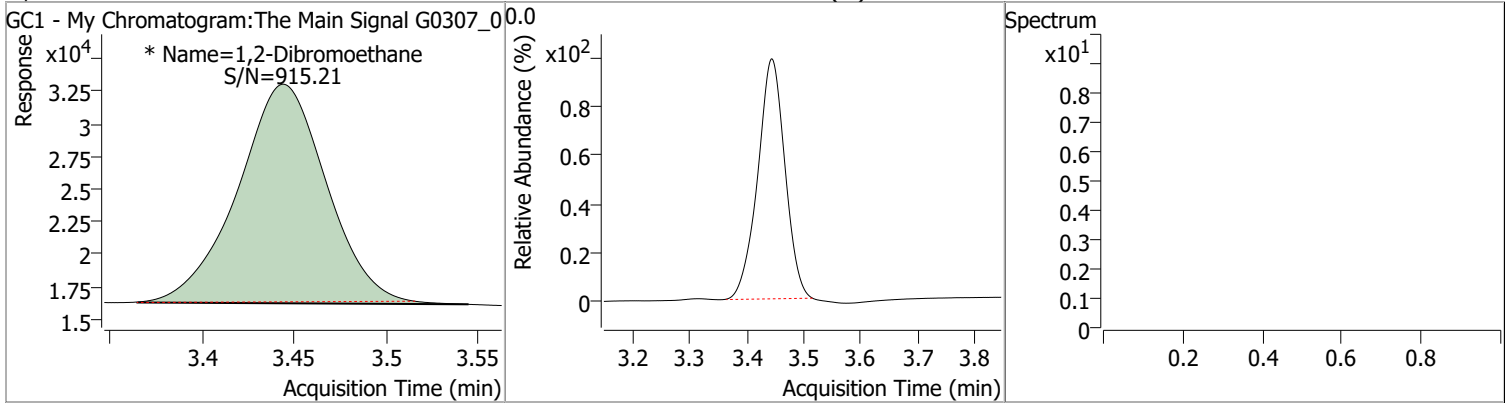


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.967	0.0	137858	0.4098	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 409.76%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.444	0.0	56705	0.3982	µg/L	m
						<b>QValue</b> 100

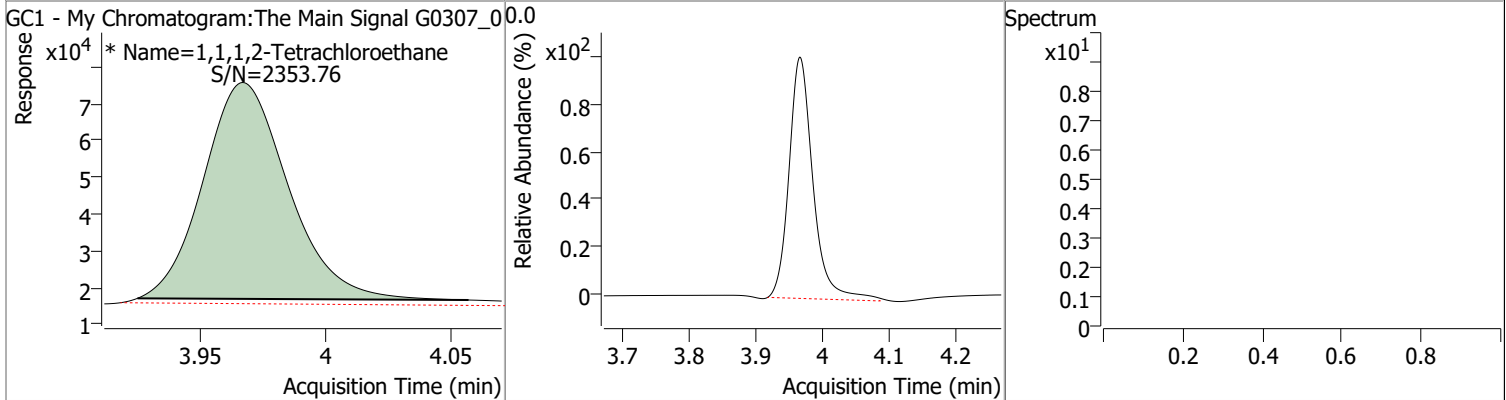
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.3982	3.44	0.00	56705 (m)				



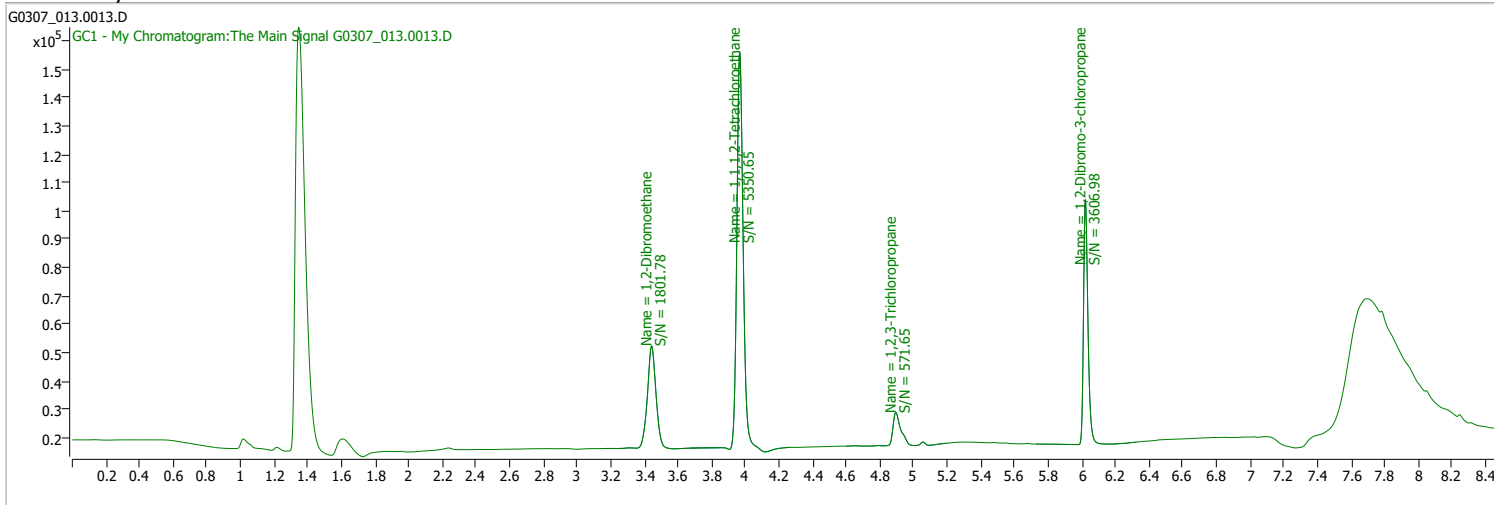
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4098	3.97	0.00	137858 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0307_013.0013.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 3:39:10 PM
Sample Name	CAL6-164256	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

S 1,1,1,2-Tetrachloroethane	3.967	0.0	359034	0.9973	µg/L	m	-0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 997.30%		*	

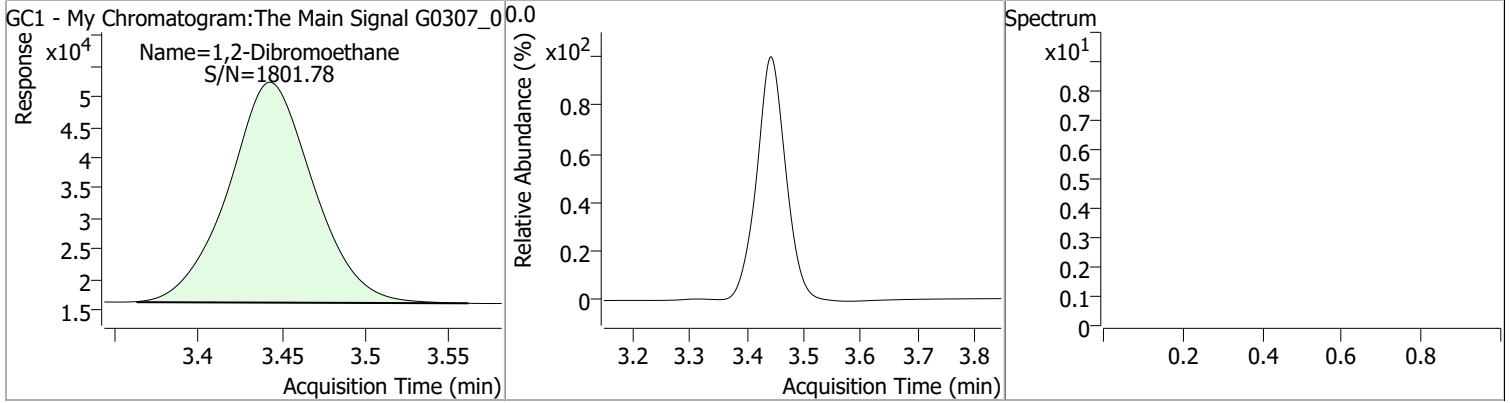
**Target Compounds**

M 1,2-Dibromoethane	3.443	0.0	128319	1.0004	µg/L		<b>QValue</b> 100
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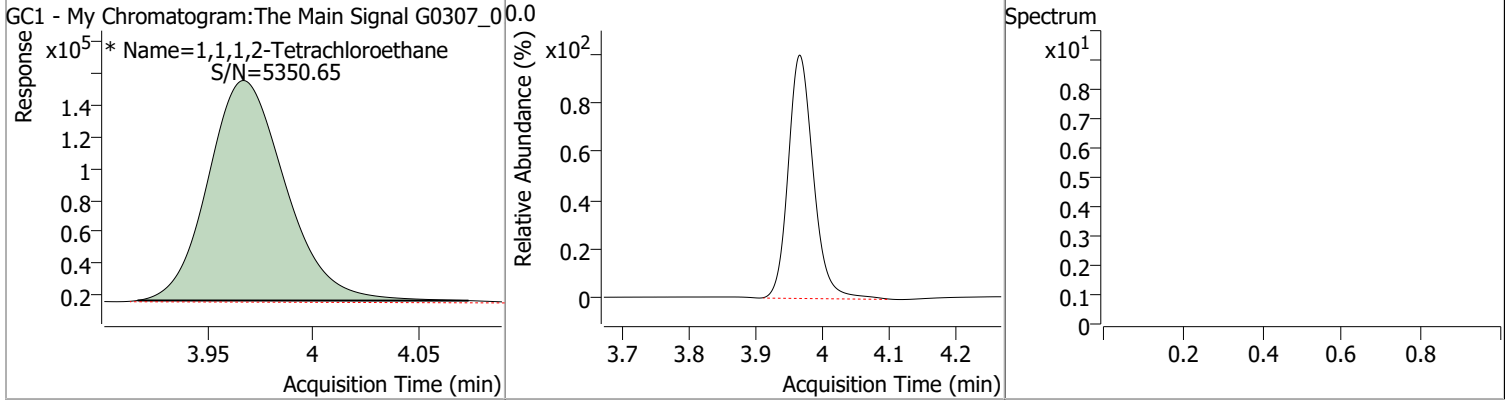
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	1.0004	3.44	-0.01	128319				



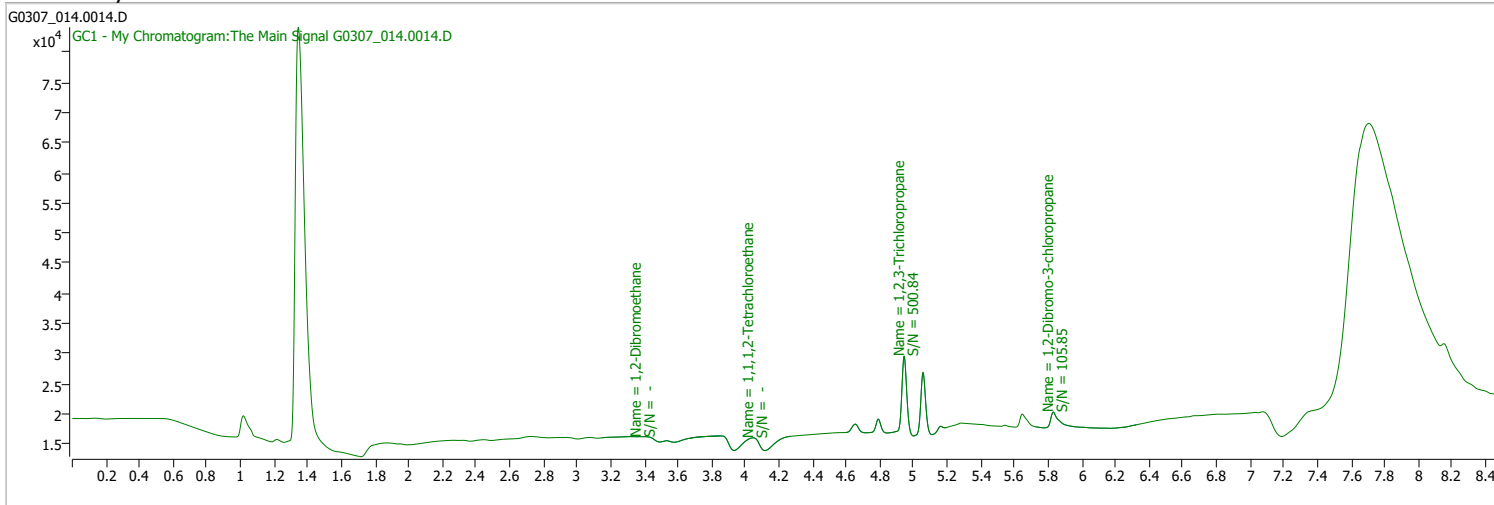
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.9973	3.97	0.00	359034 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0307_014.0014.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 3:58:57 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

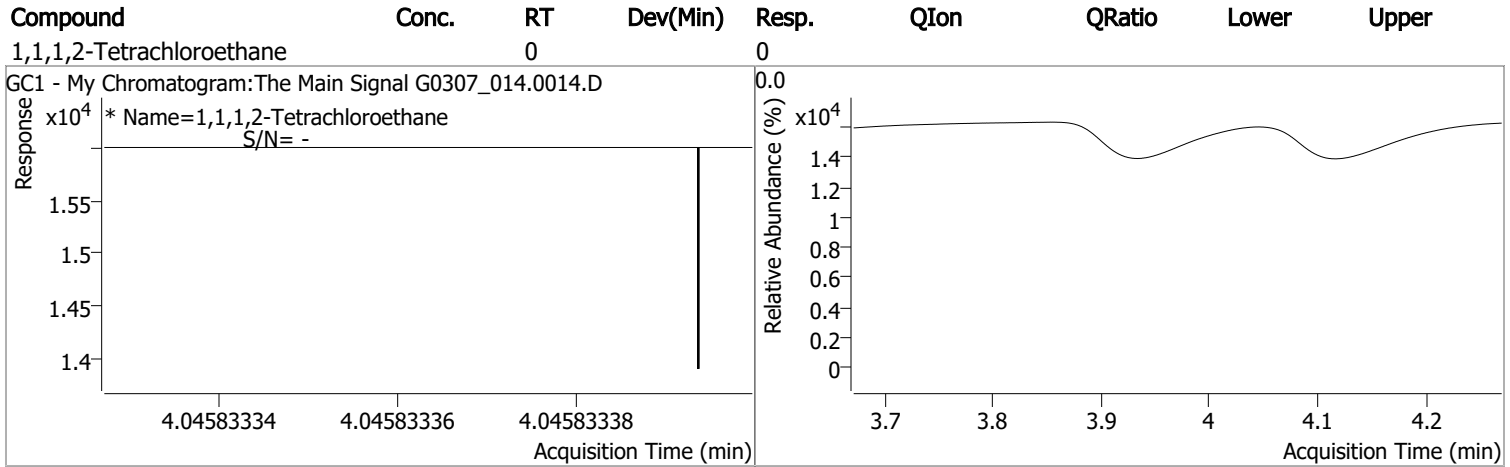
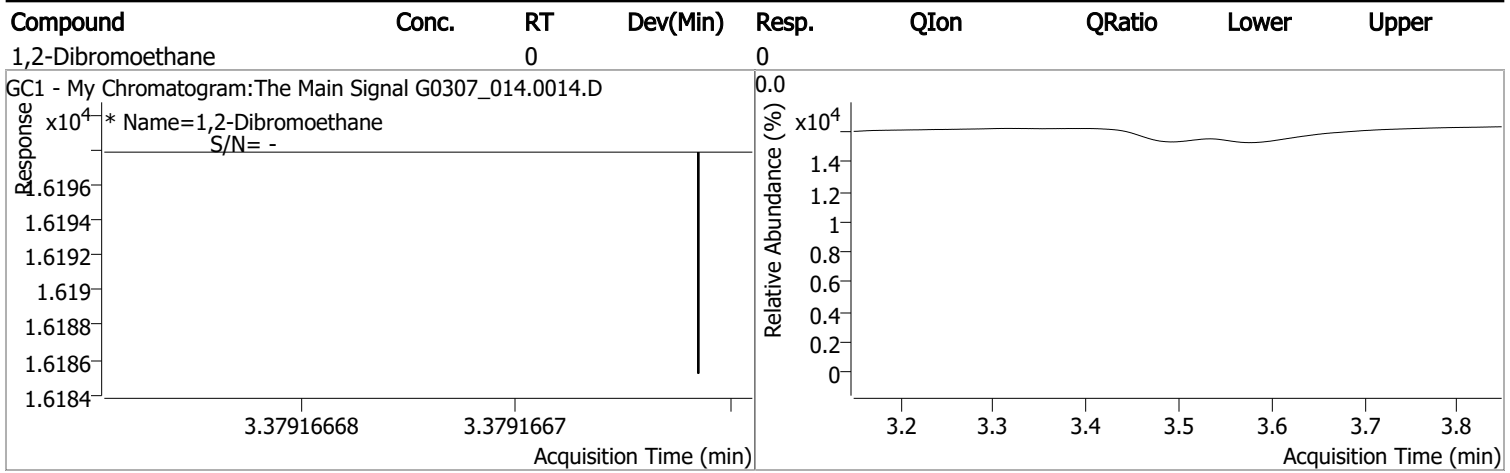
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	4.046	0.0	0		µg/L	md
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.379	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

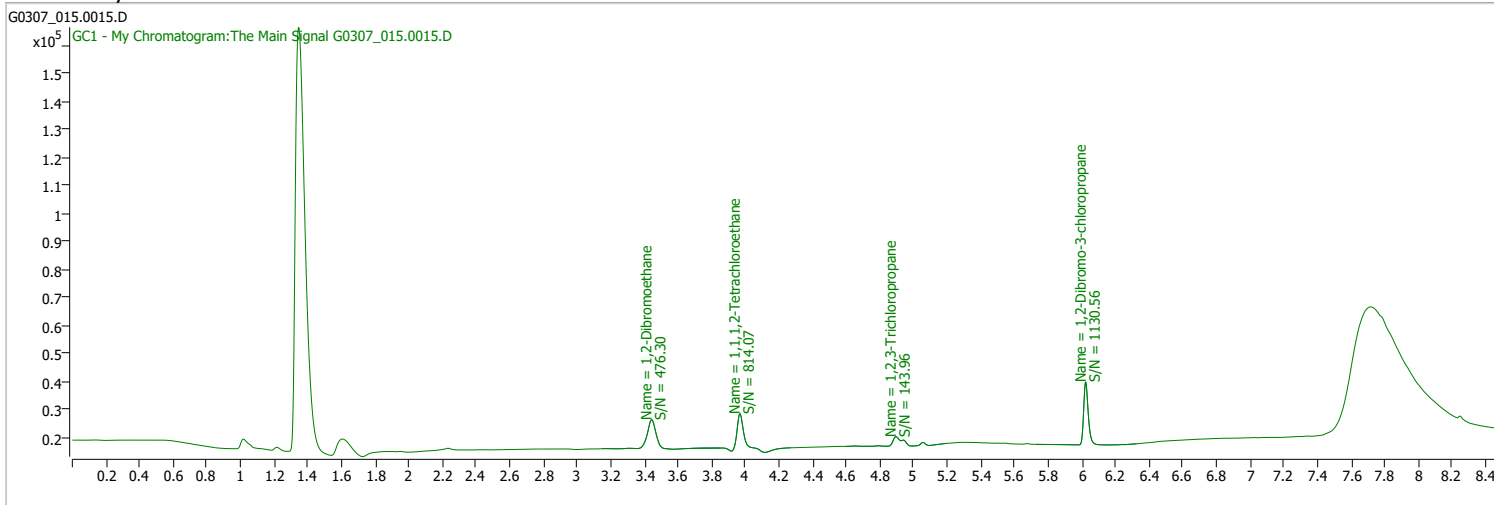
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_015.0015.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 4:19:00 PM
Sample Name	LCS-164256	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**

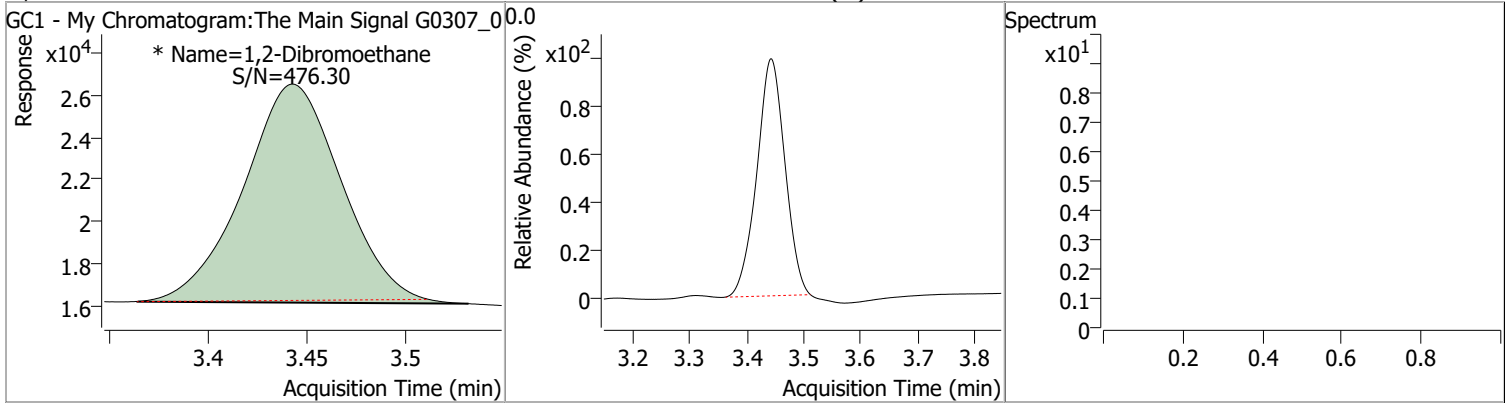


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	30283	0.0993	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 99.29%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.443	0.0	36163	0.2478	µg/L	m
						<b>QValue</b> 100

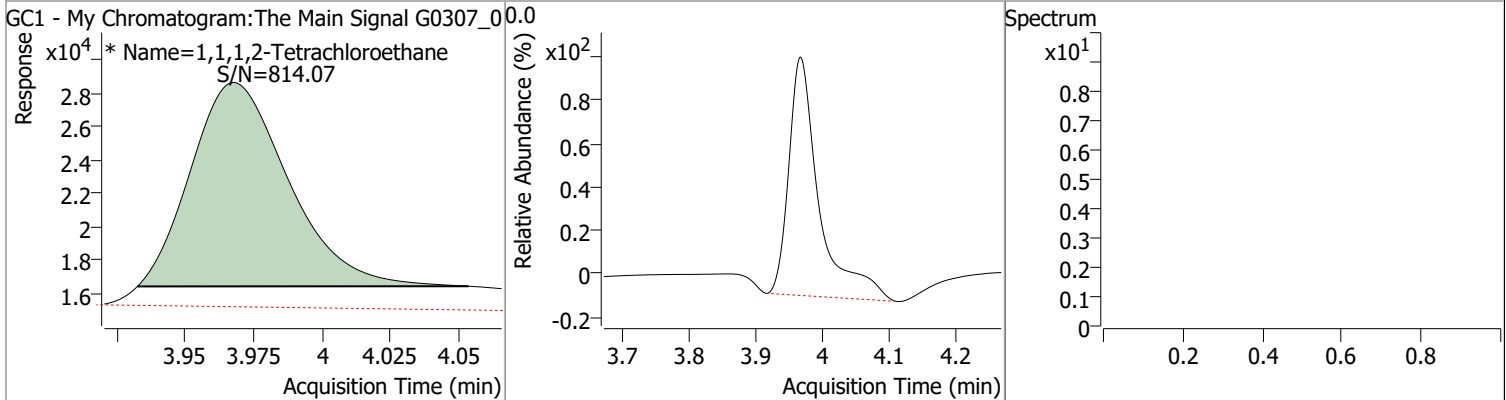
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2478	3.44	-0.01	36163 (m)				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0993	3.97	0.00	30283 (m)				

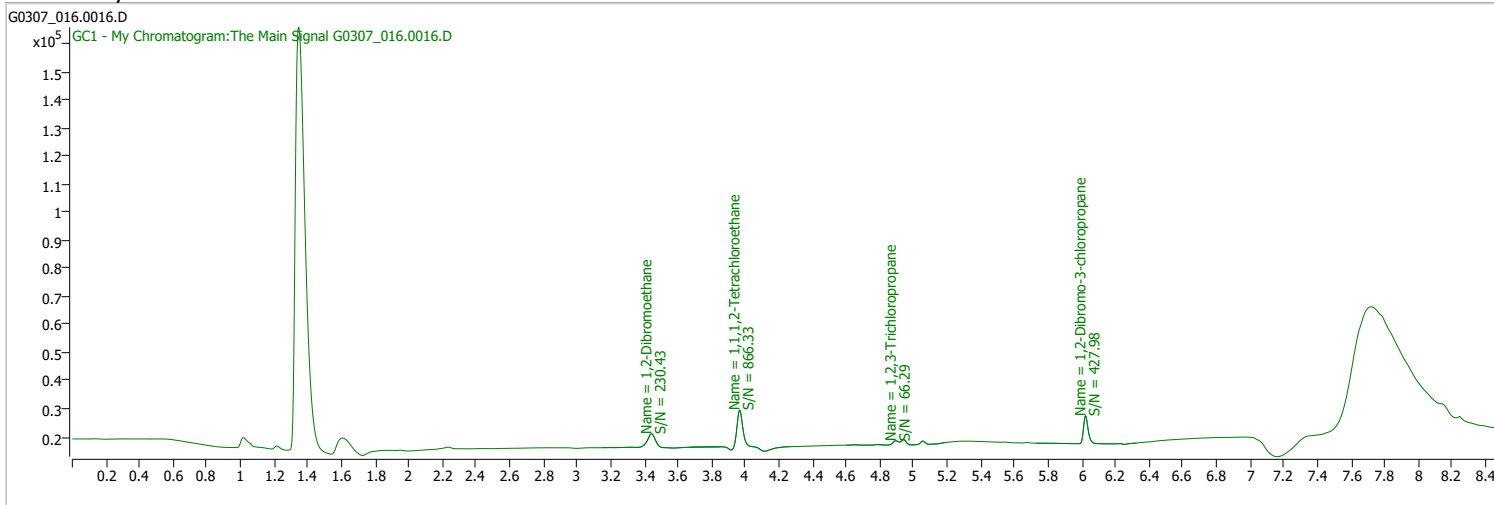




# Quantitation Results Report (QT Reviewed)

Data File	G0307_016.0016.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 4:38:40 PM
Sample Name	CAL3-164256	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**

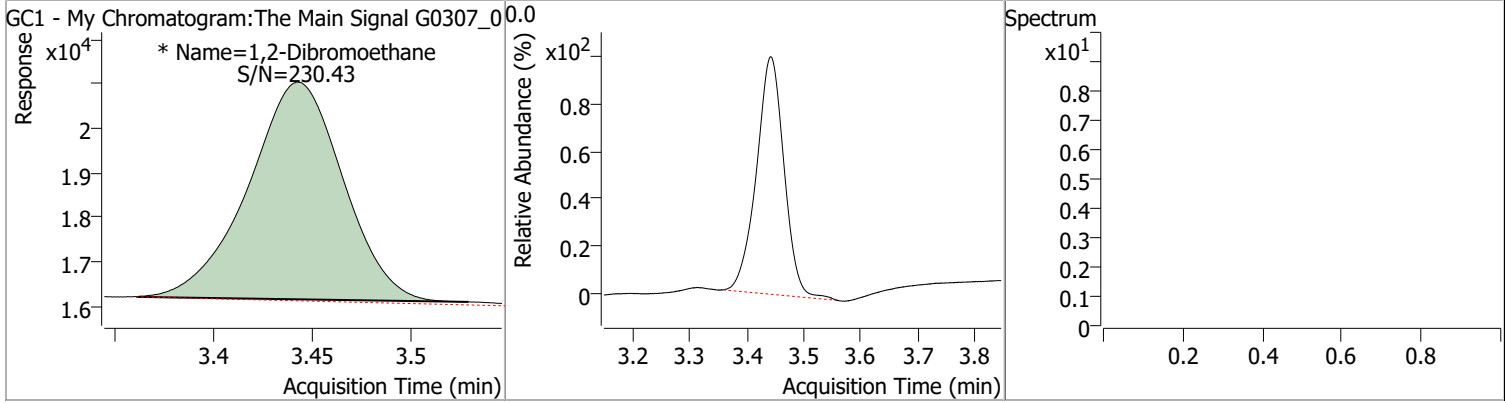


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.966	0.0	30810	0.1009	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 100.86%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.442	0.0	16219	0.1087	µg/L	m
						<b>QValue</b> 100

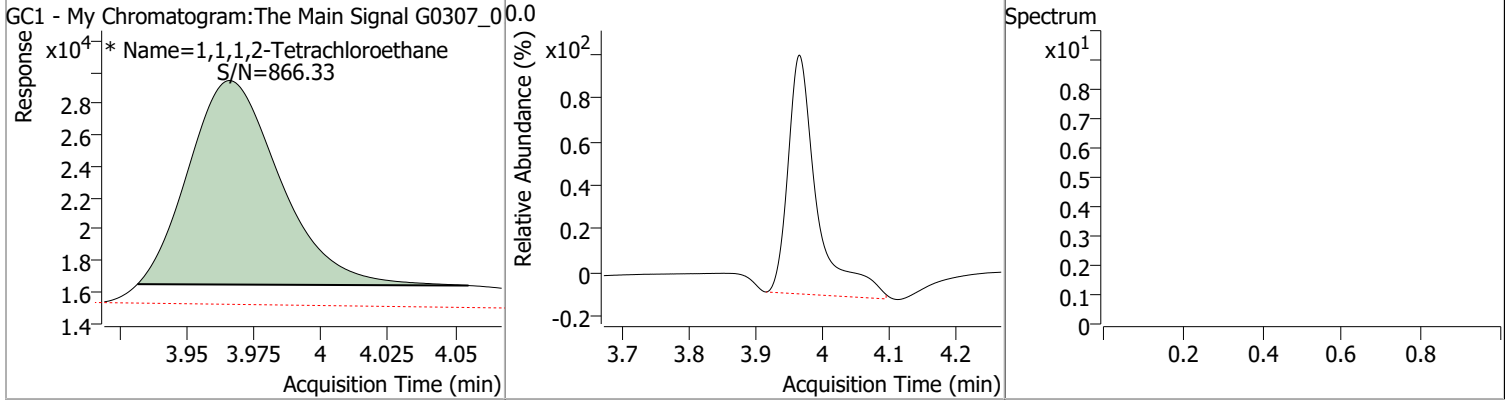
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1087	3.44	-0.01	16219 (m)				



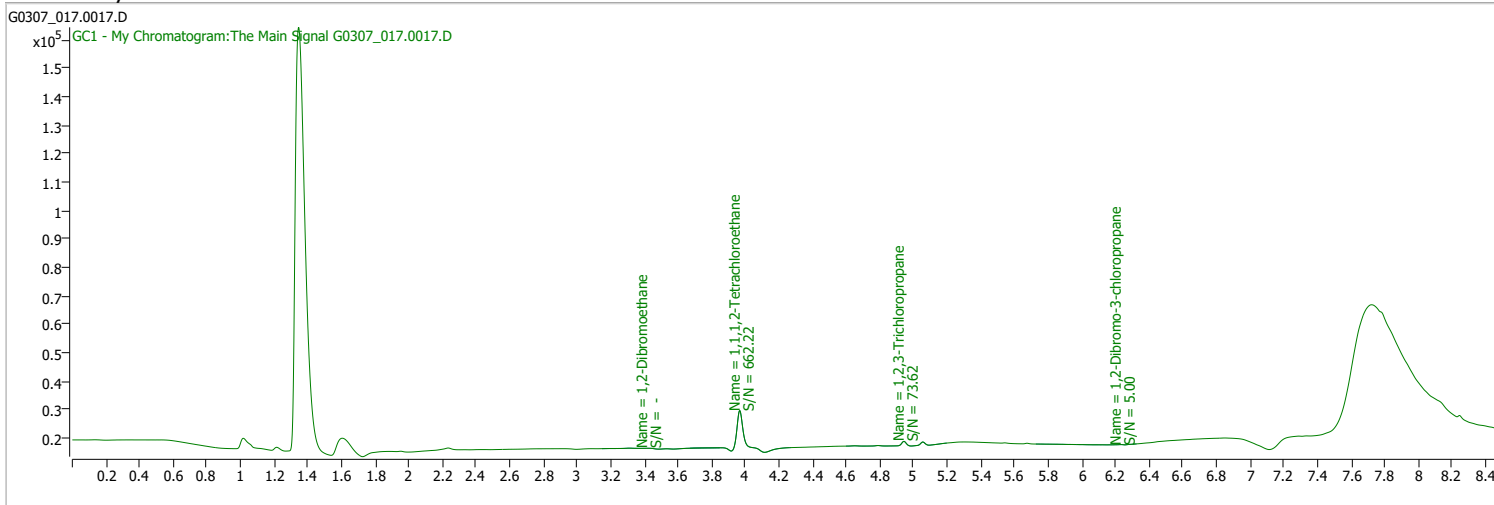
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1009	3.97	-0.01	30810 (m)				



# Quantitation Results Report (QT Reviewed)

Data File      G0307_017.0017.D Acq. Method    testAcqFileNamePath Sample Name    MB-164256 Vial DA Method File Tune File Batch Name     G030722_8011_W_CLT.batch.bin	Operator Acq. Date-Time    3/7/2022 4:58:39 PM Instrument        WJB Multiplier        1.00 Comment Tune Date Last Calib Update   3/9/2022 9:22:16 AM
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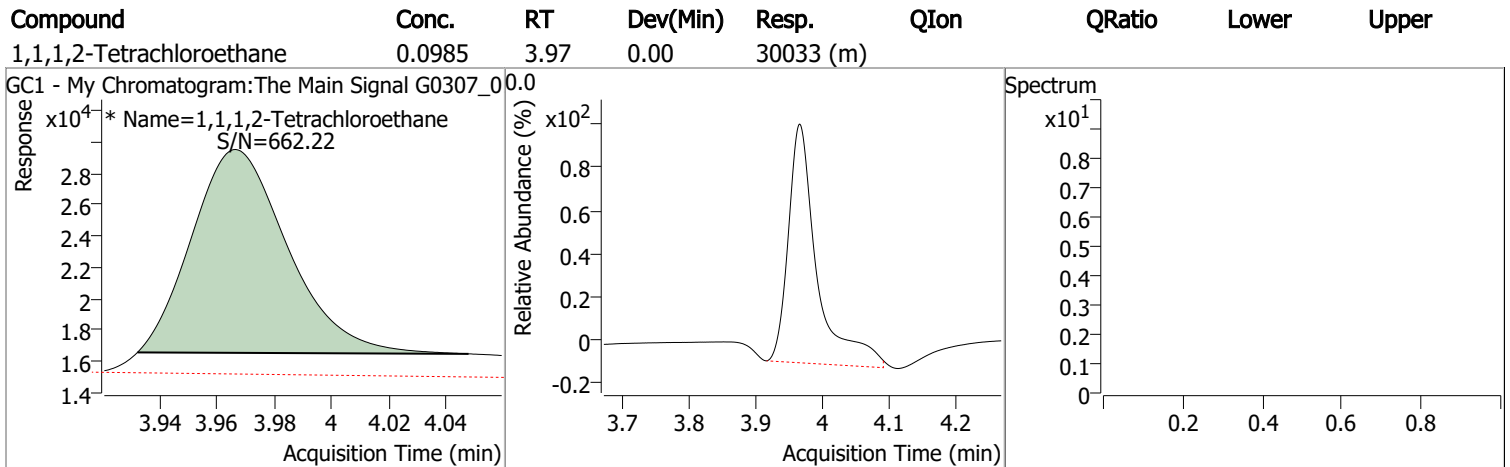
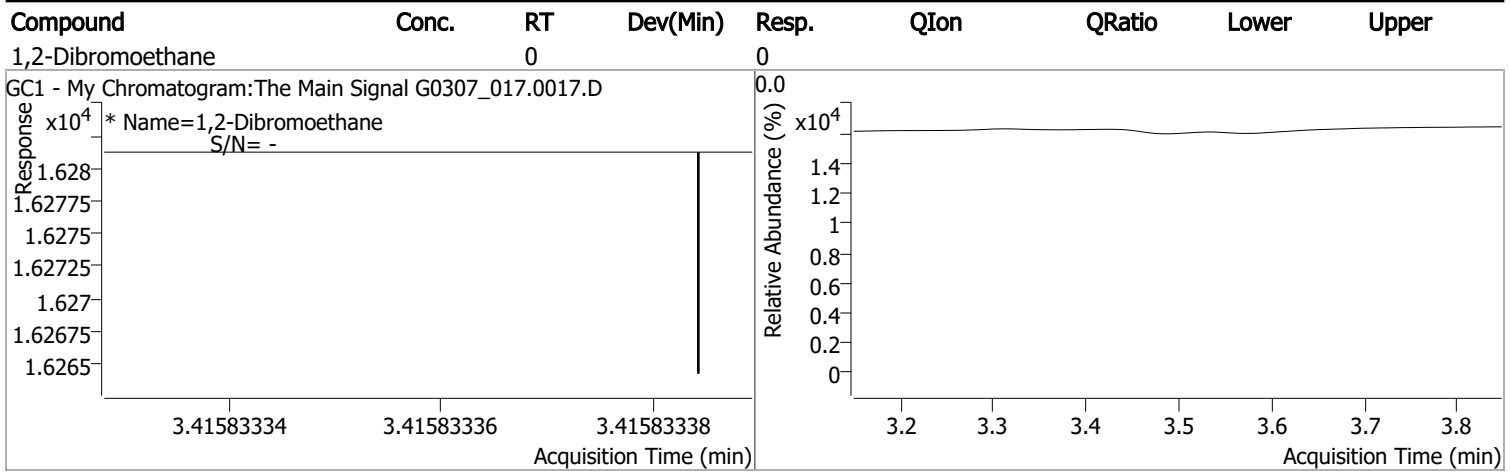
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.967	0.0	30033	0.0985	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 98.54%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.416	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

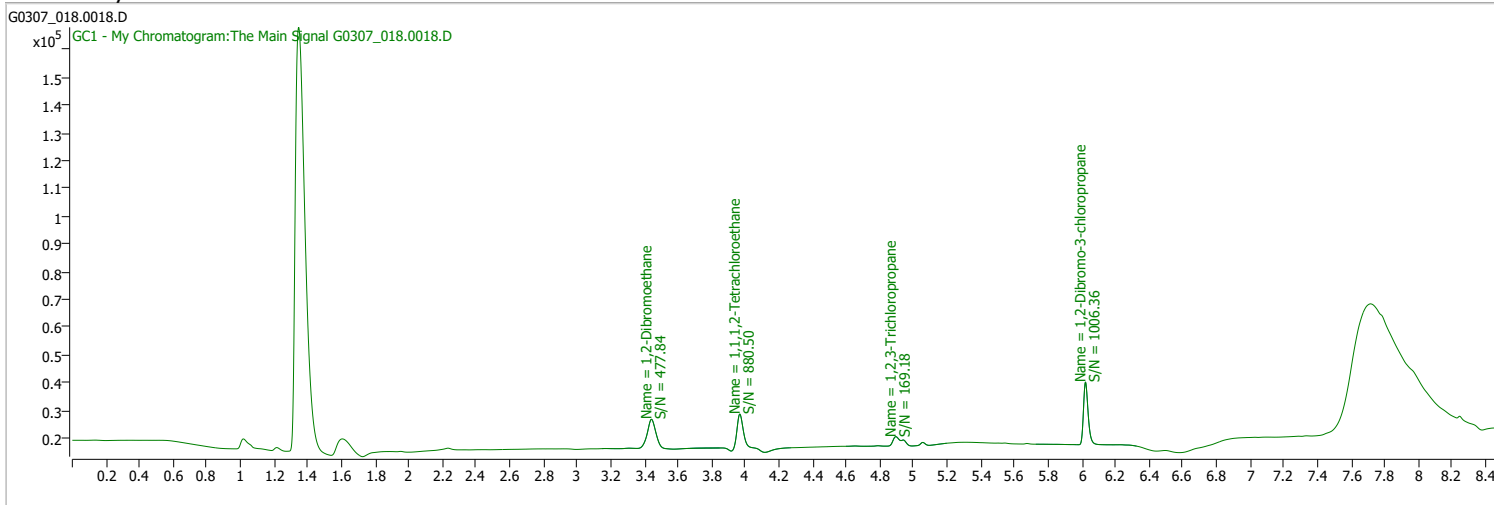
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_018.0018.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 5:18:44 PM
Sample Name	LCS-164256	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**

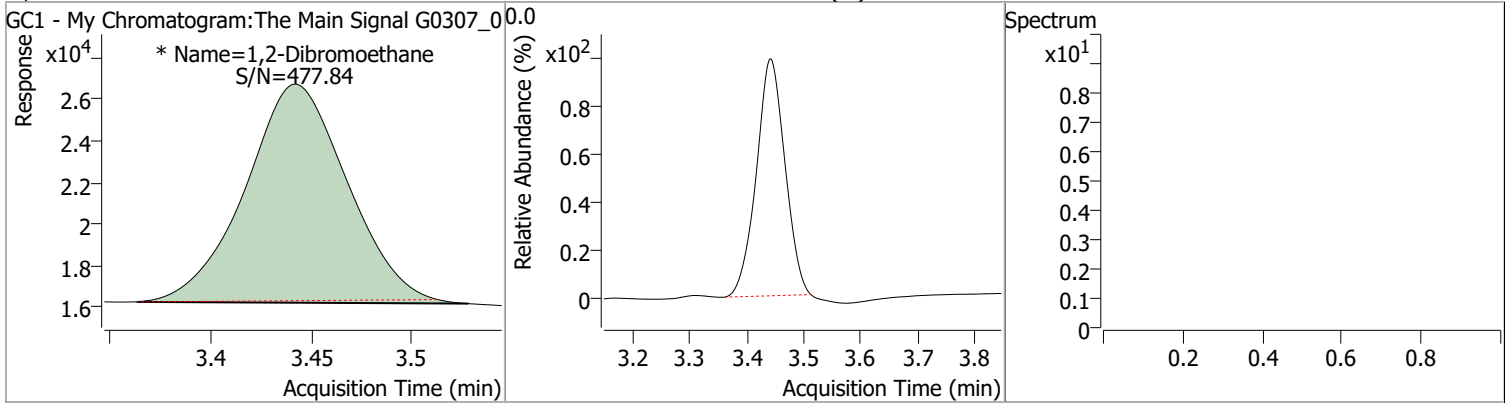


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.967	0.0	31251	0.1022	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 102.17%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.442	0.0	37316	0.2560	µg/L	m
						<b>QValue</b> 100

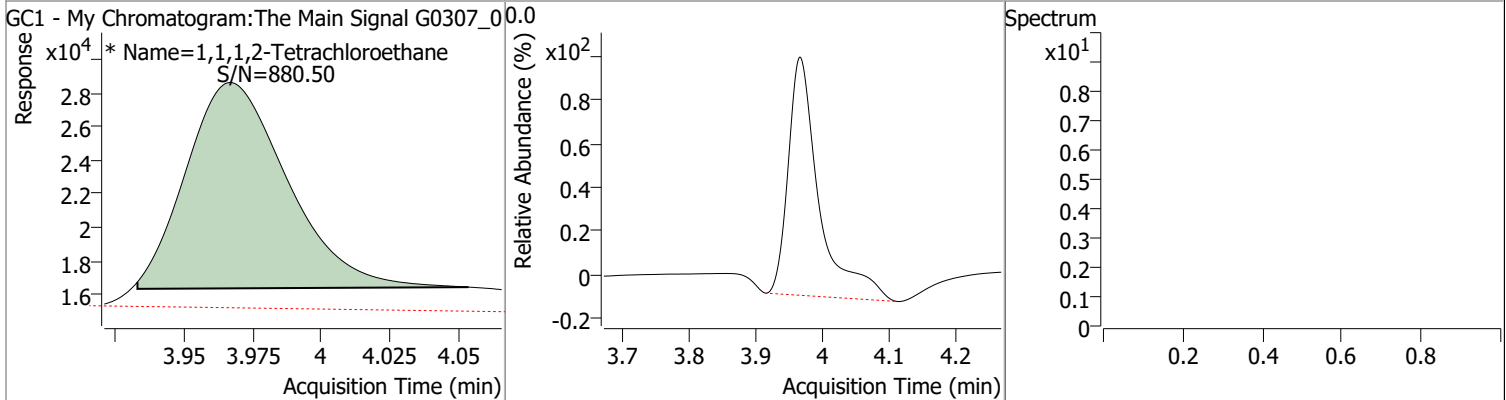
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2560	3.44	-0.01	37316 (m)				



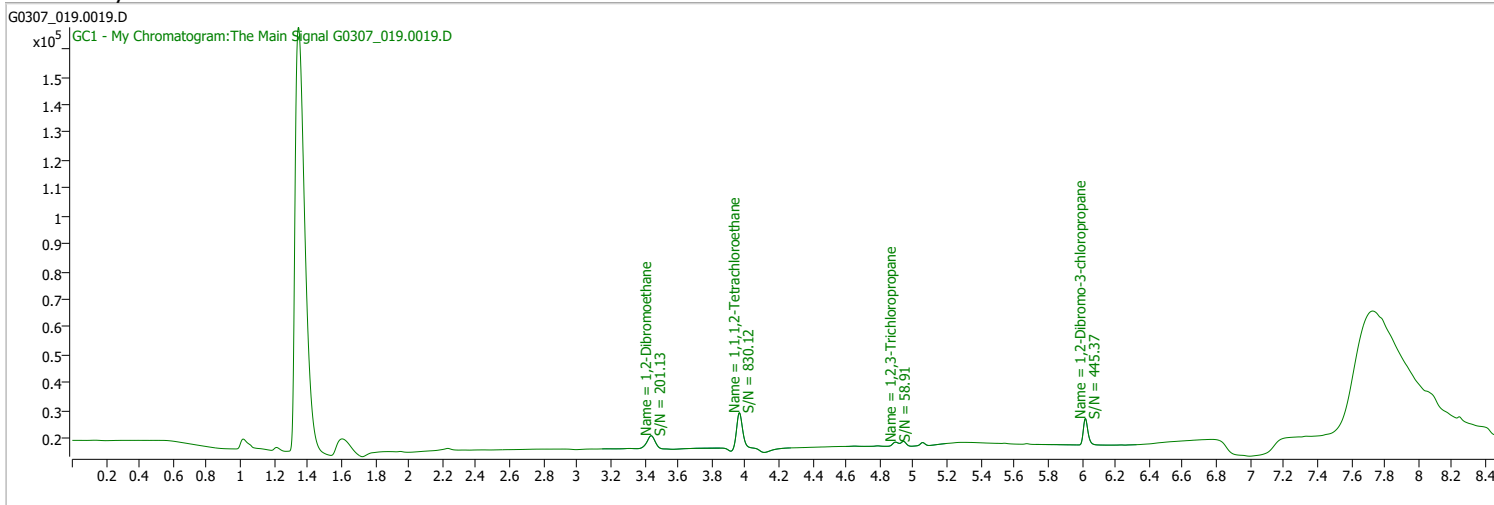
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1022	3.97	0.00	31251 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0307_019.0019.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 5:38:42 PM
Sample Name	LCS1-164256	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**

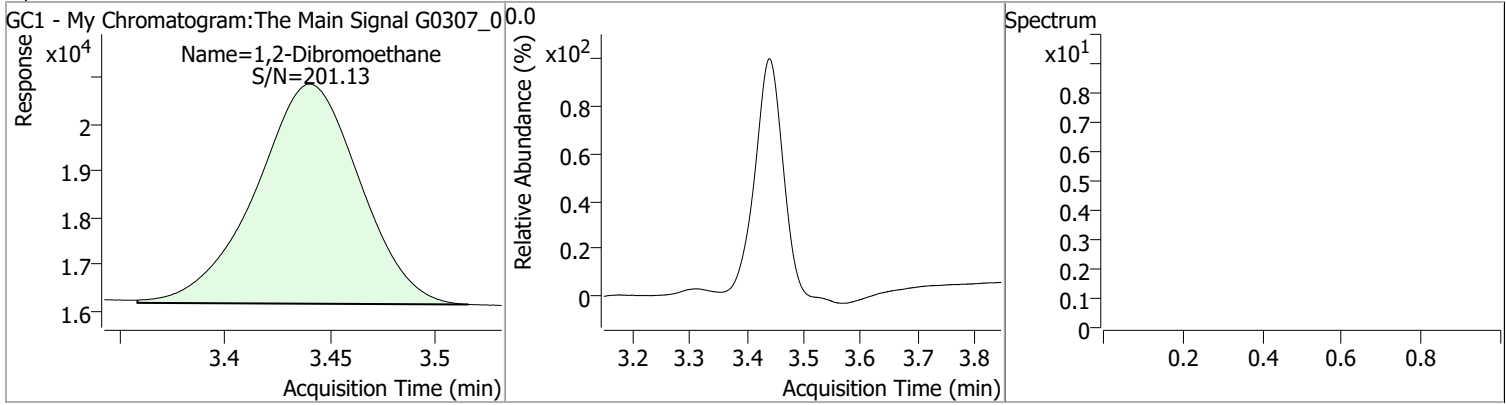


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.964	0.0	29963	0.0983	µg/L	m
Spiked Amount: 0.100				Range: 70.0 - 130.0% Recovery = 98.34%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.441	0.0	16273	0.1091	µg/L	QValue 100

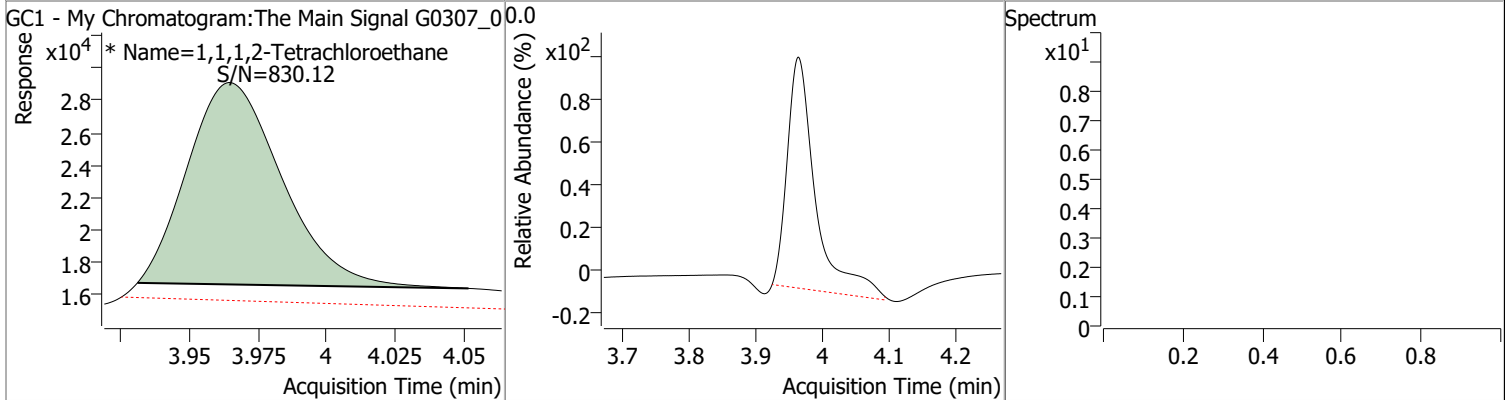
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1091	3.44	-0.01	16273				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0983	3.96	-0.01	29963 (m)				

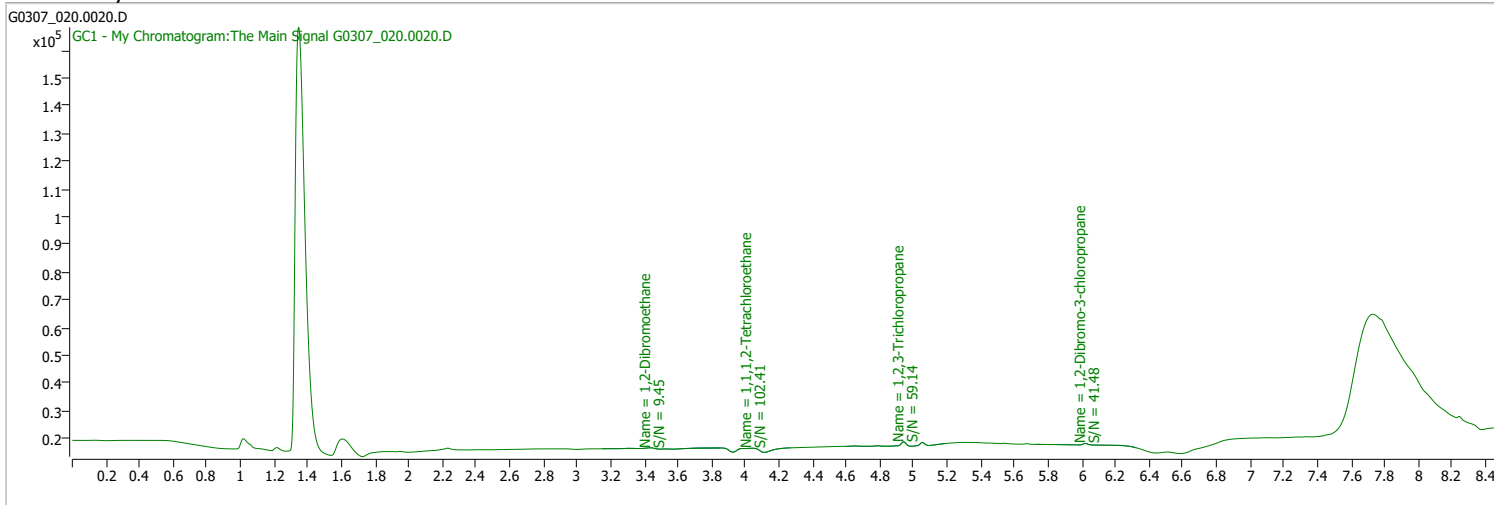




# Quantitation Results Report (QT Reviewed)

Data File	G0307_020.0020.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 5:58:43 PM
Sample Name	LOD-164256	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**

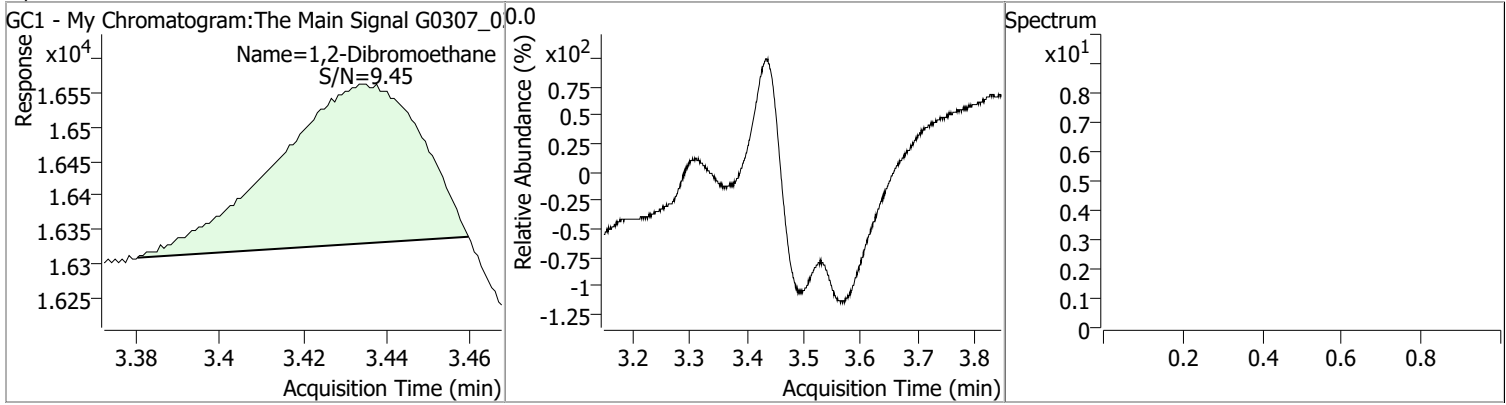


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	4.035	0.0	11017	0.0416	µg/L	0.064
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 41.64%	*	
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.435	0.0	560	0.0037	µg/L	QValue 100

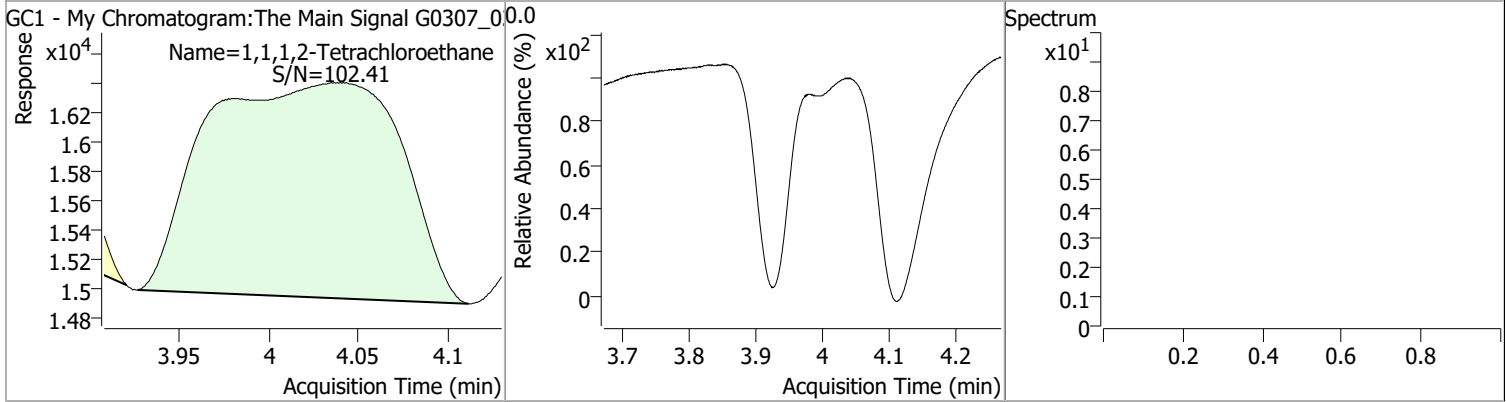
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0037	3.44	-0.01	560				



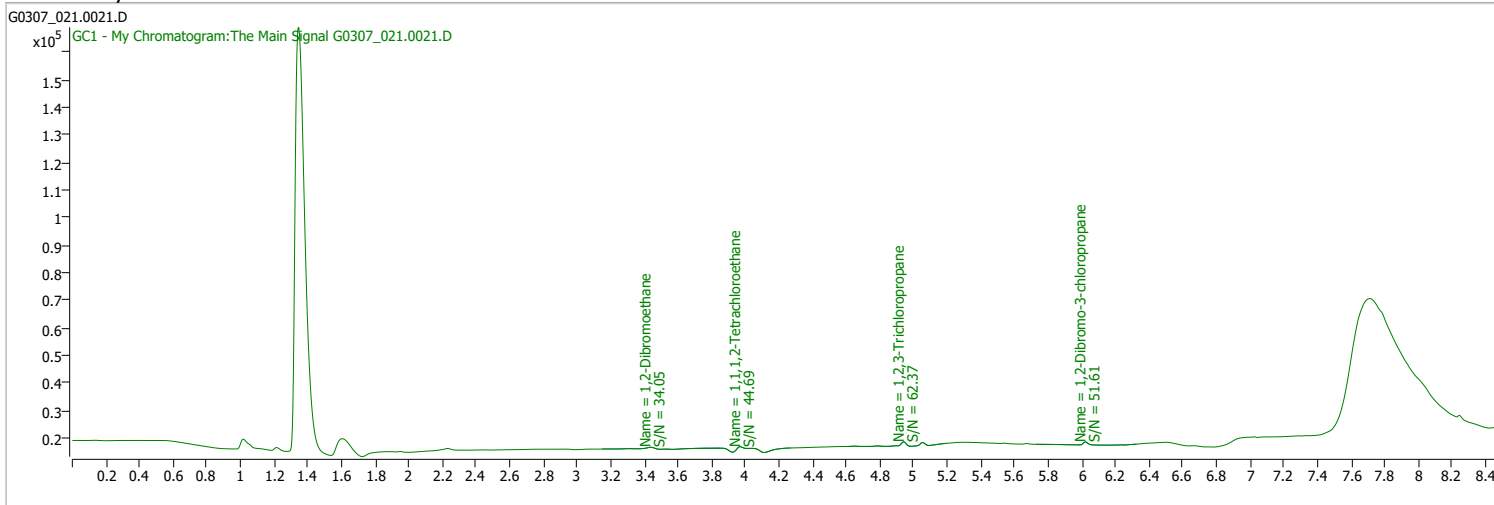
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0416	4.04	0.06	11017				



# Quantitation Results Report (QT Reviewed)

Data File	G0307_021.0021.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 6:18:44 PM
Sample Name	MDL-164256	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

S 1,1,1,2-Tetrachloroethane	3.968	0.0	997	0.0114	µg/L	m	-0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 11.40%		*	

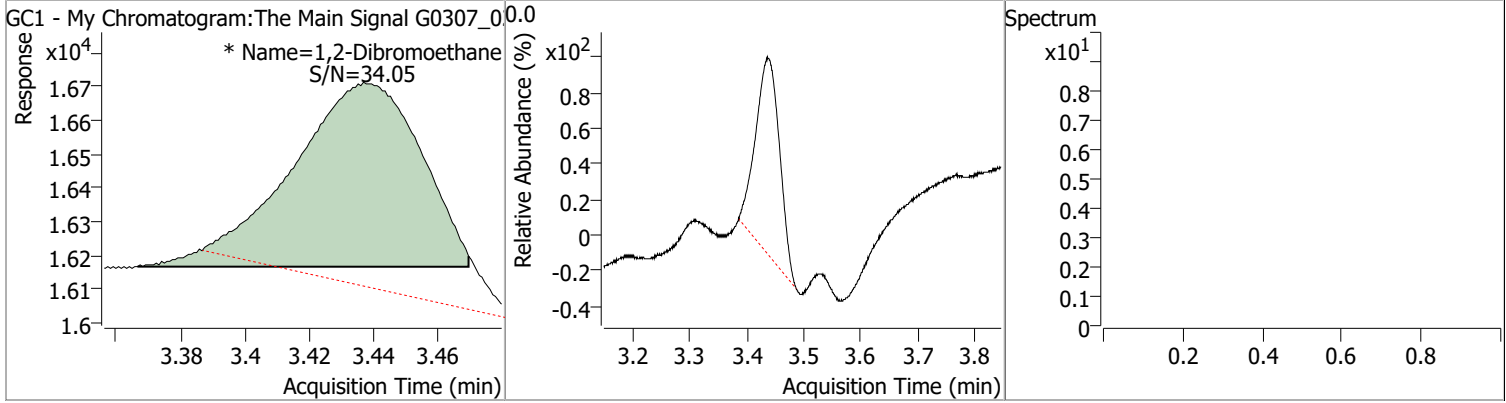
**Target Compounds**

M 1,2-Dibromoethane	3.437	0.0	1532	0.0101	µg/L	m	<b>QValue</b> 100
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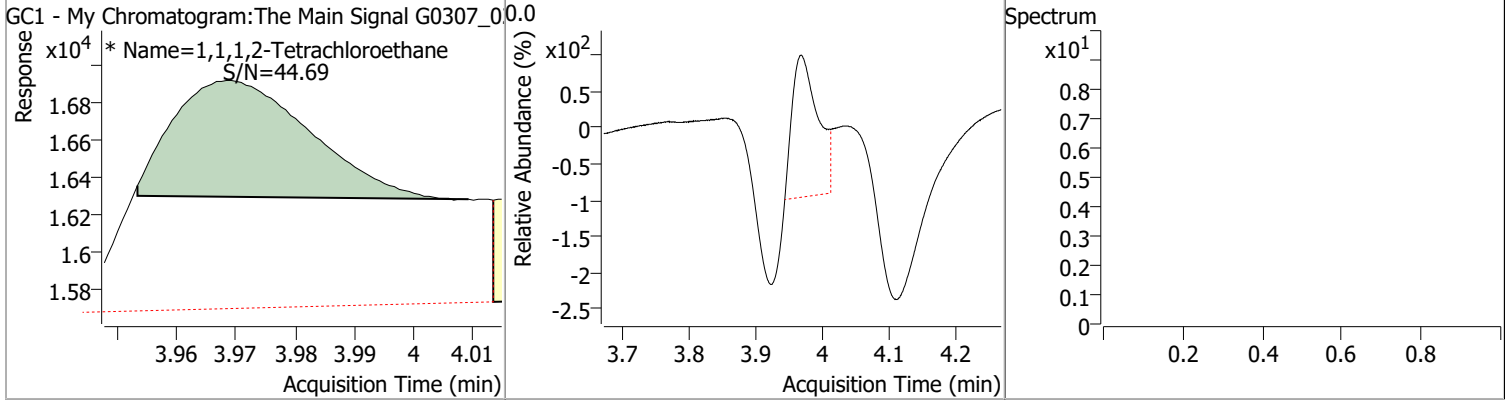
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0101	3.44	-0.01	1532 (m)				



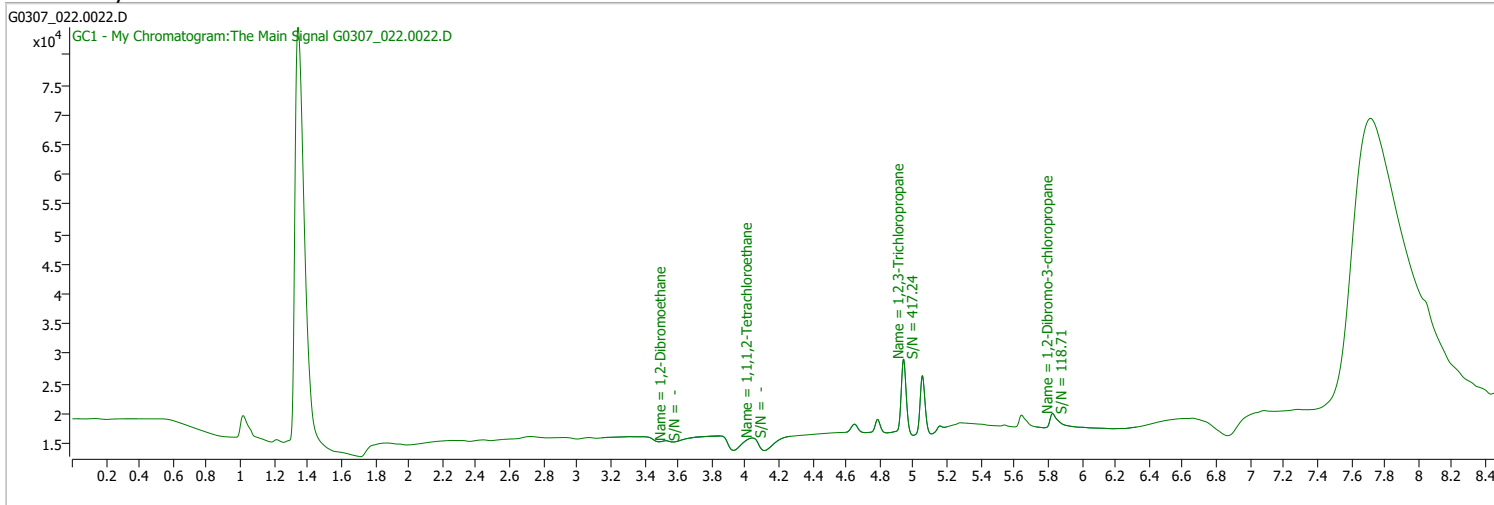
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0114	3.97	0.00	997 (m)				



# Quantitation Results Report (QT Reviewed)

Data File	G0307_022.0022.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 6:38:40 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

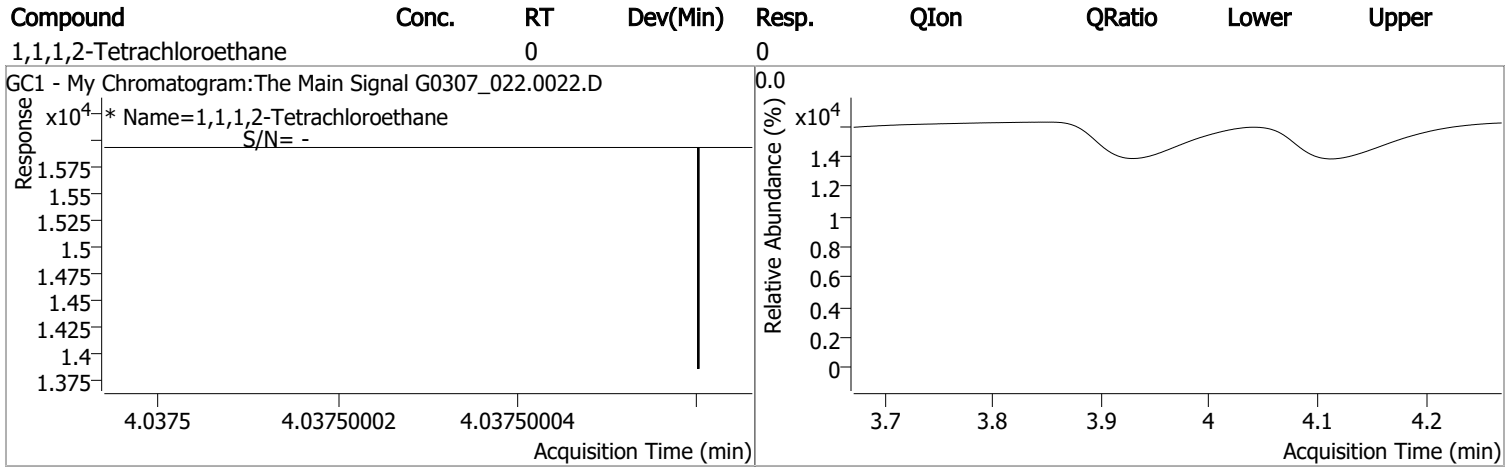
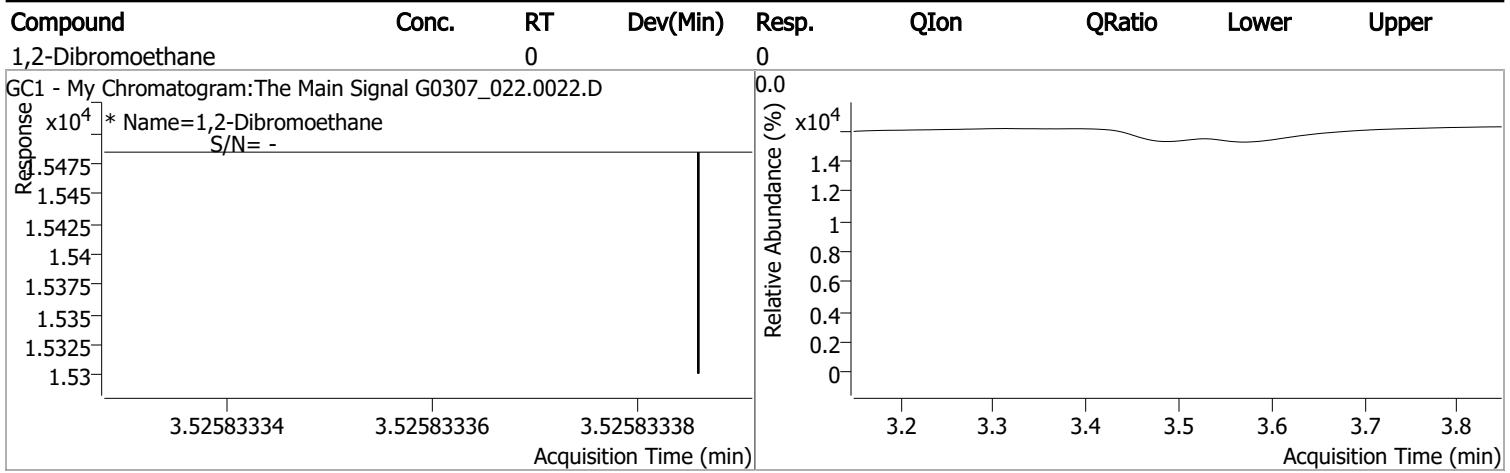
S 1,1,1,2-Tetrachloroethane	4.038	0.0	0		µg/L	md	0.067
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			

**Target Compounds**

M 1,2-Dibromoethane	3.526	0.0	0		µg/L	md	<b>QValue</b> 1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

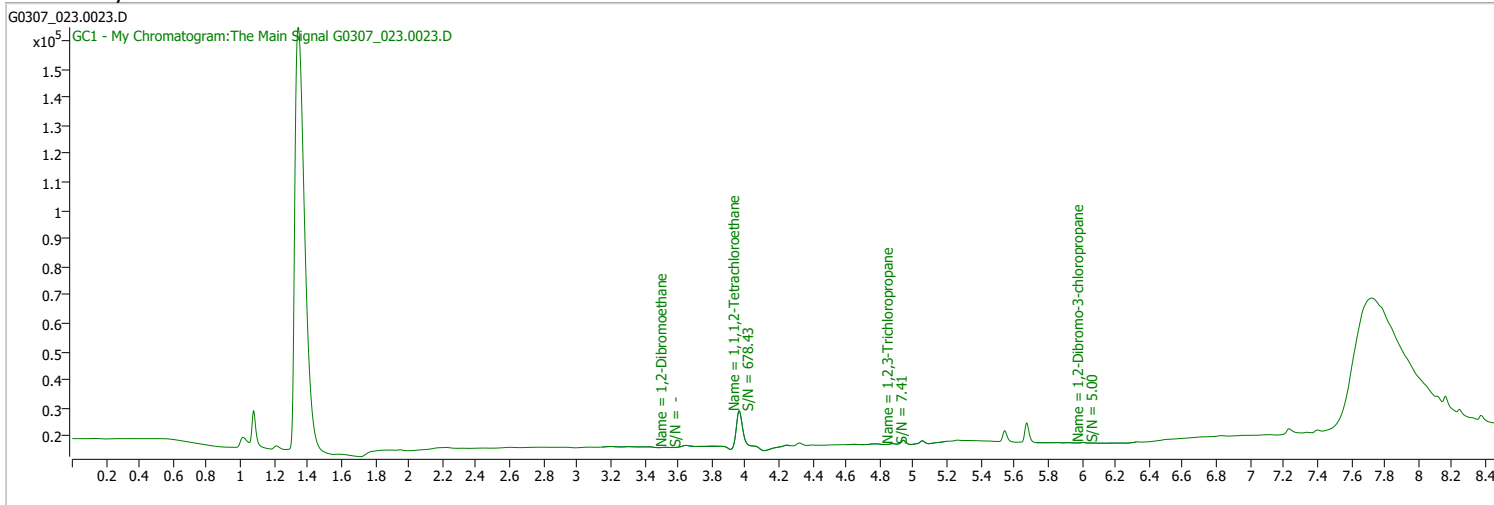
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_023.0023.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 6:58:39 PM
Sample Name	B22030244-005A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

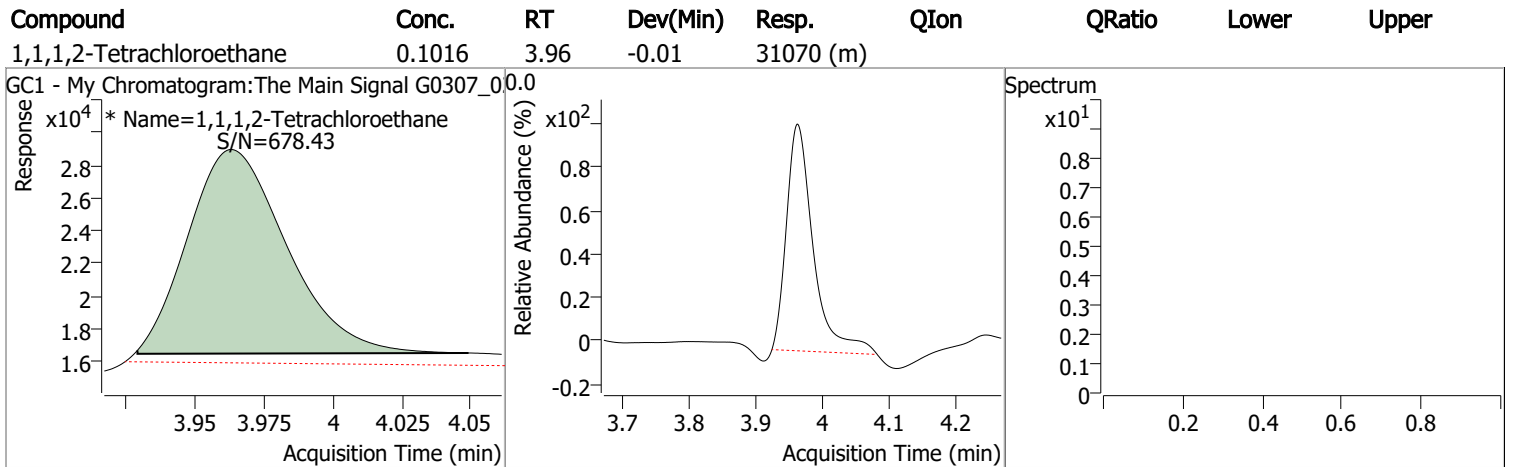
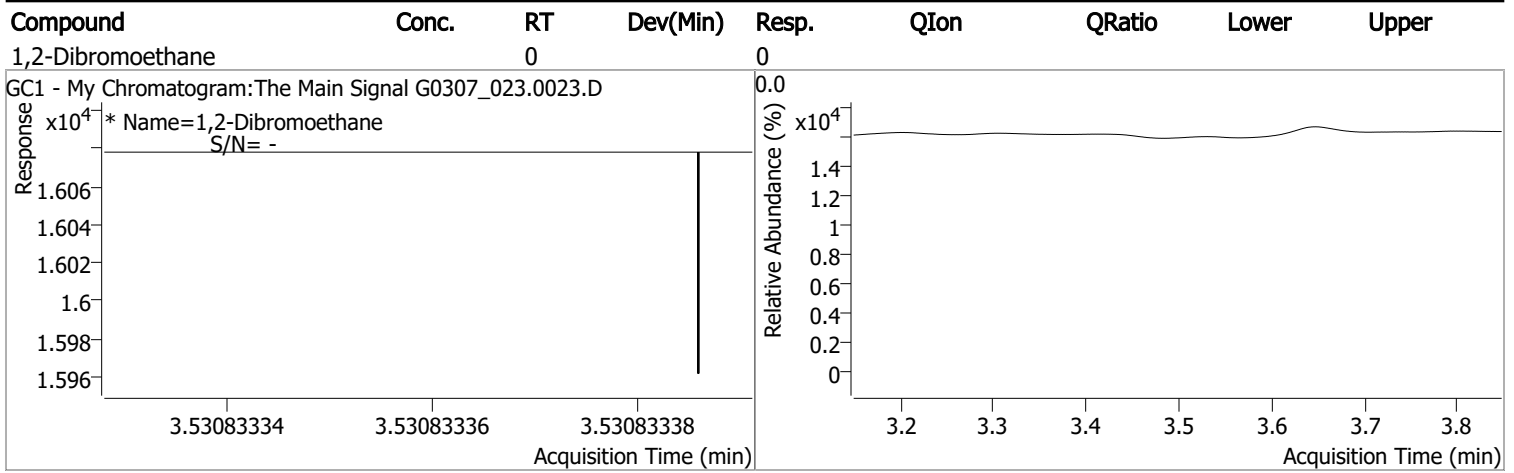
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.963	0.0	31070	0.1016	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 101.63%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.531	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

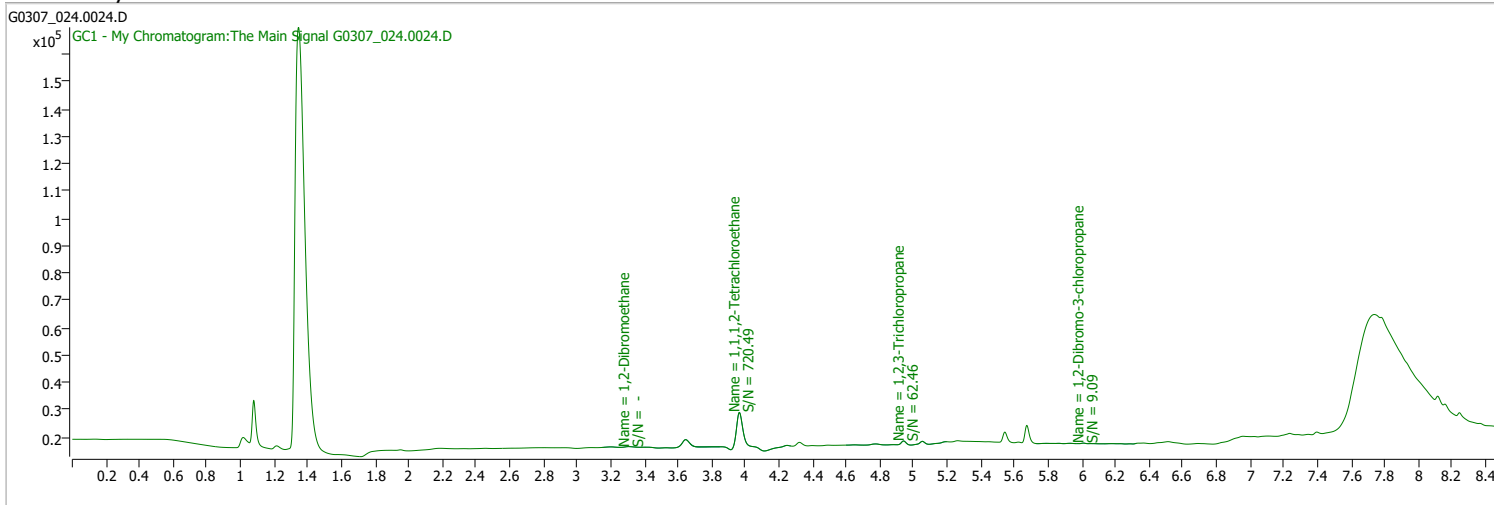




# Quantitation Results Report (QT Reviewed)

Data File	G0307_024.0024.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 7:18:33 PM
Sample Name	B22030244-007G	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

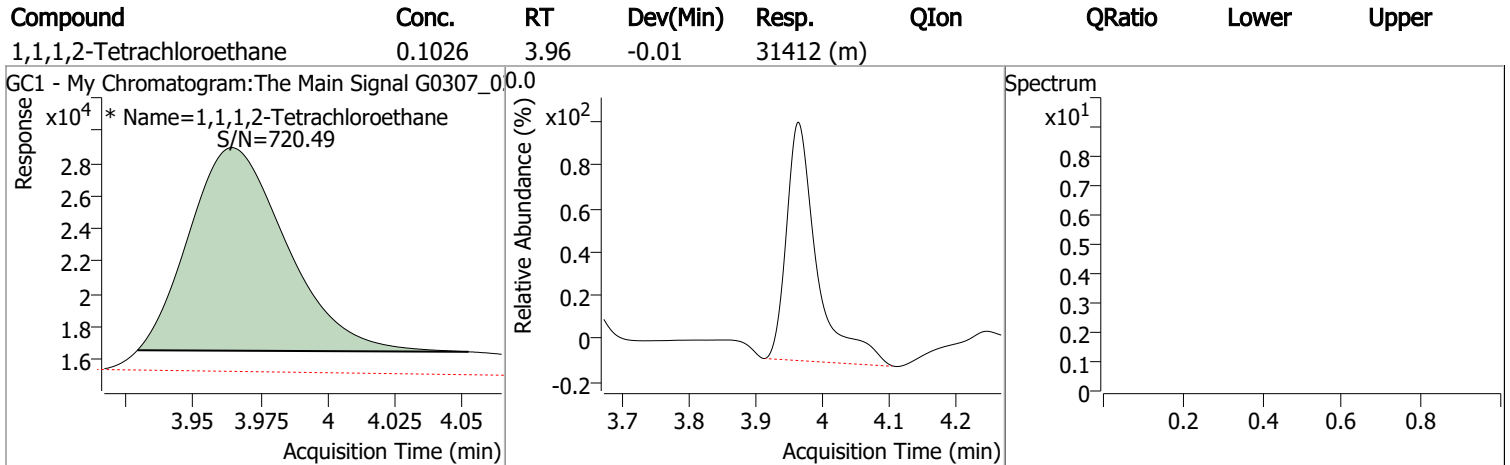
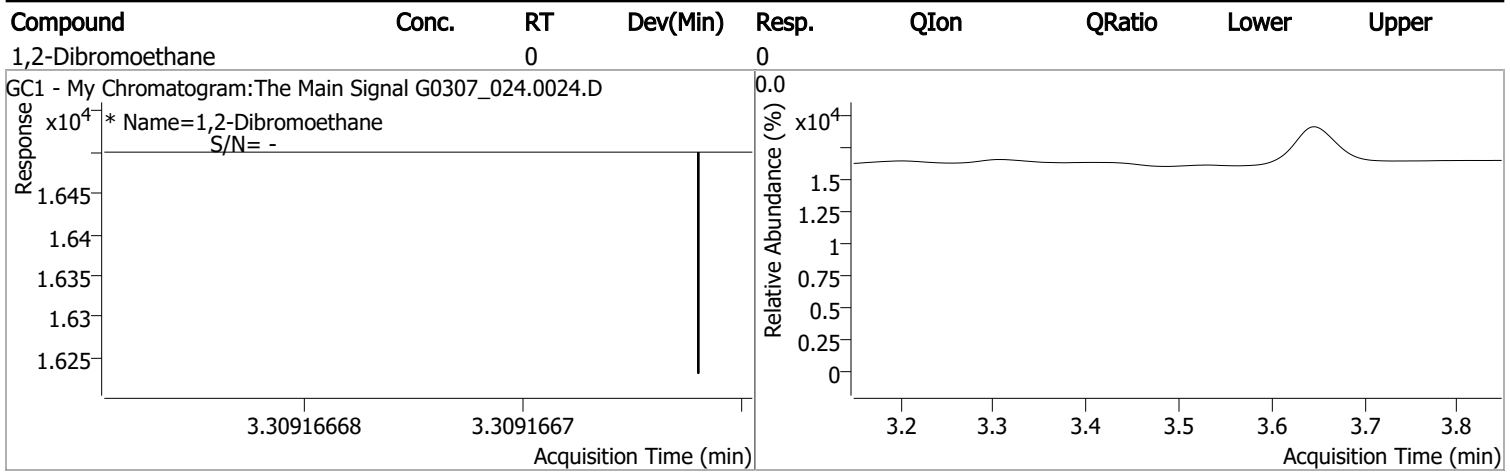
S 1,1,1,2-Tetrachloroethane	3.964	0.0	31412	0.1026	µg/L	m	-0.007
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 102.65%			

**Target Compounds**

M 1,2-Dibromoethane	3.309	0.0	0	µg/L	md	<b>QValue</b>	1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

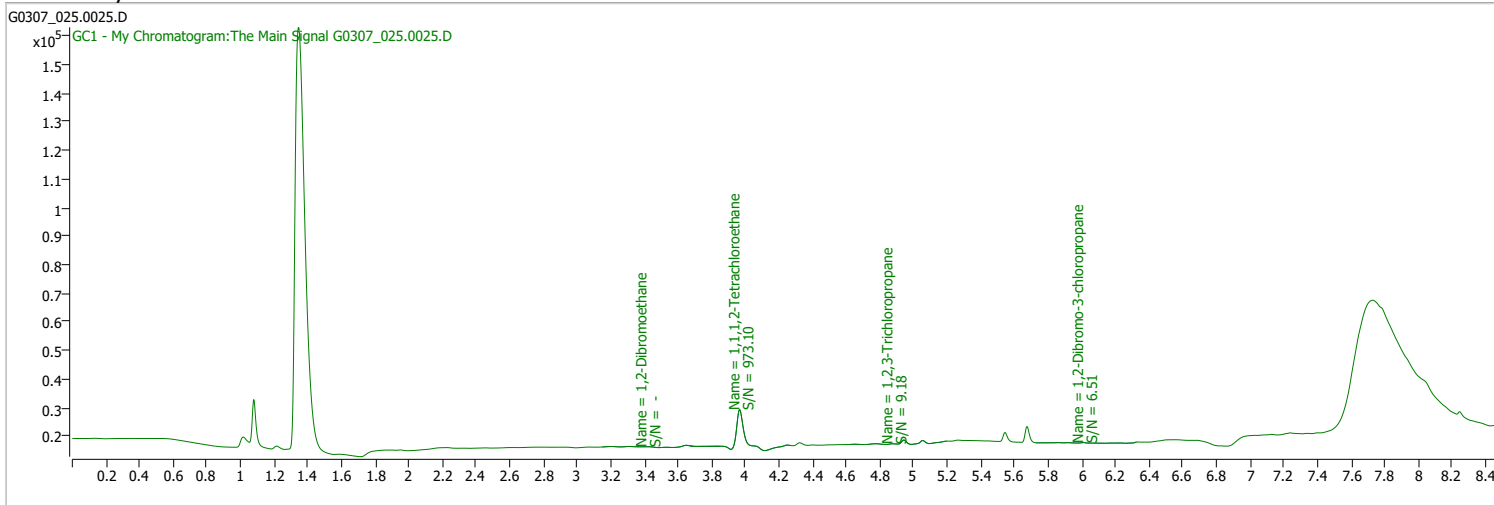
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_025.0025.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 7:38:22 PM
Sample Name	B22030244-010A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

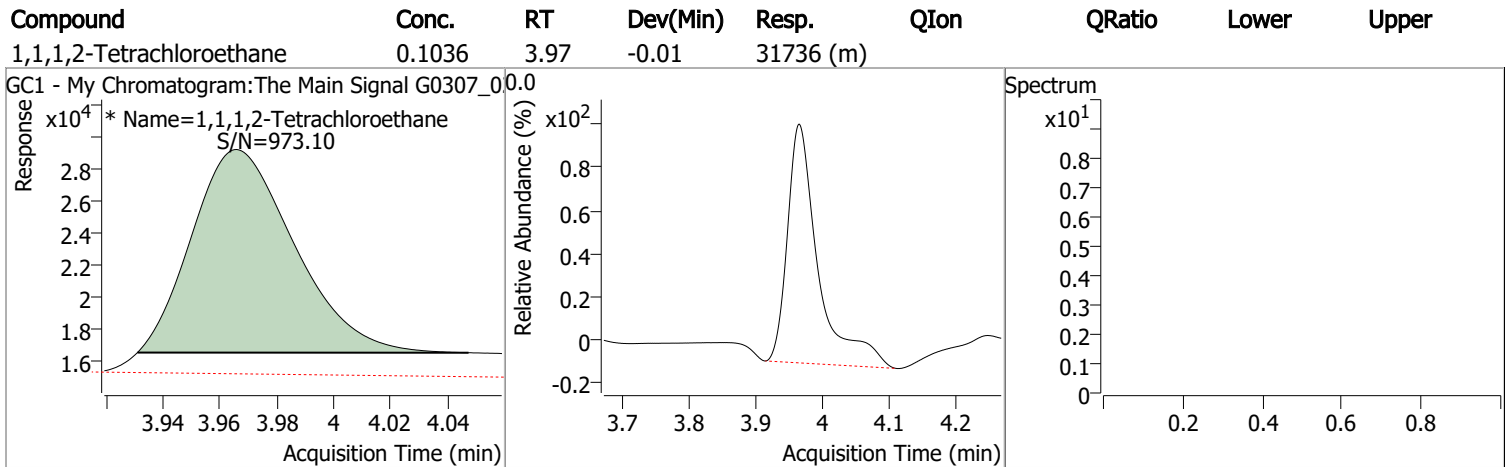
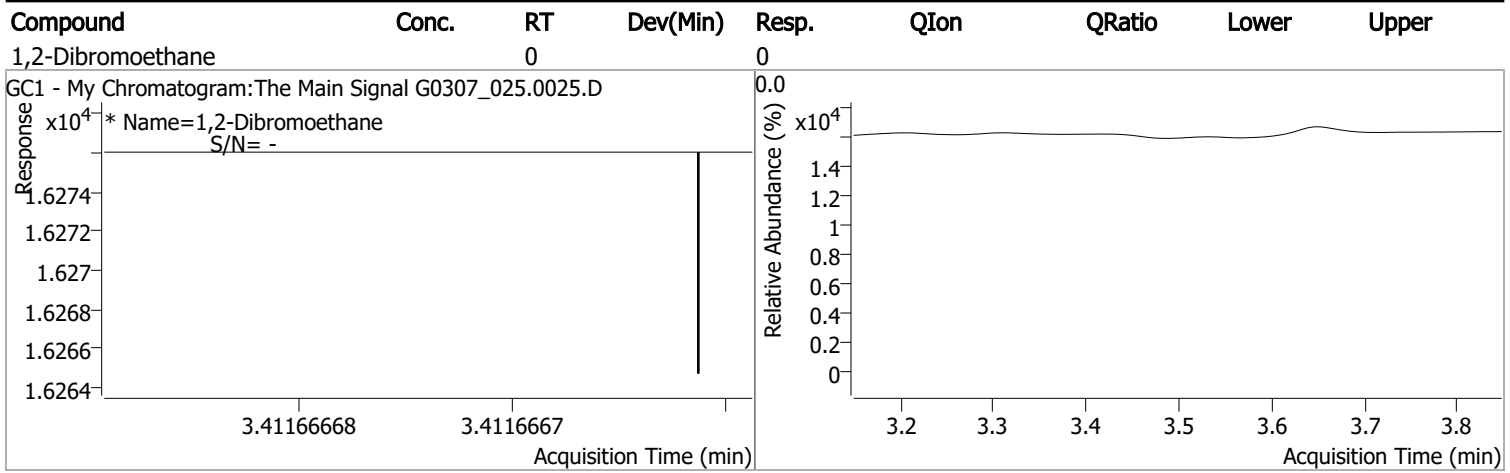
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.966	0.0	31736	0.1036	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 103.61%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.412	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

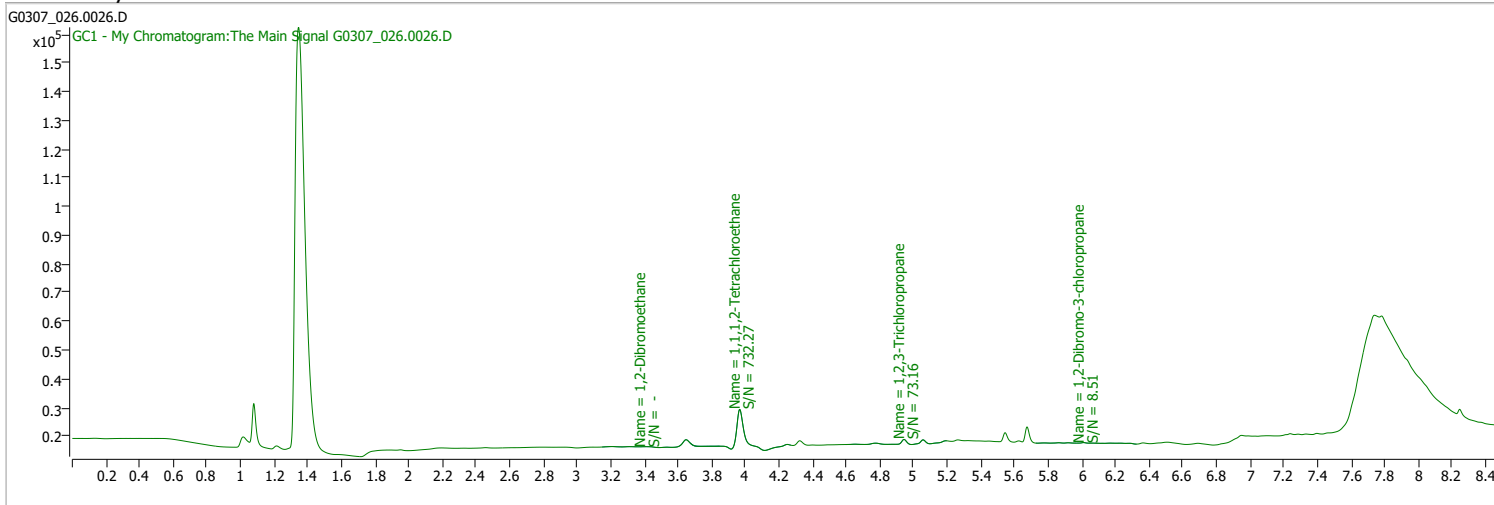
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_026.0026.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 7:58:22 PM
Sample Name	B22030244-012G	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

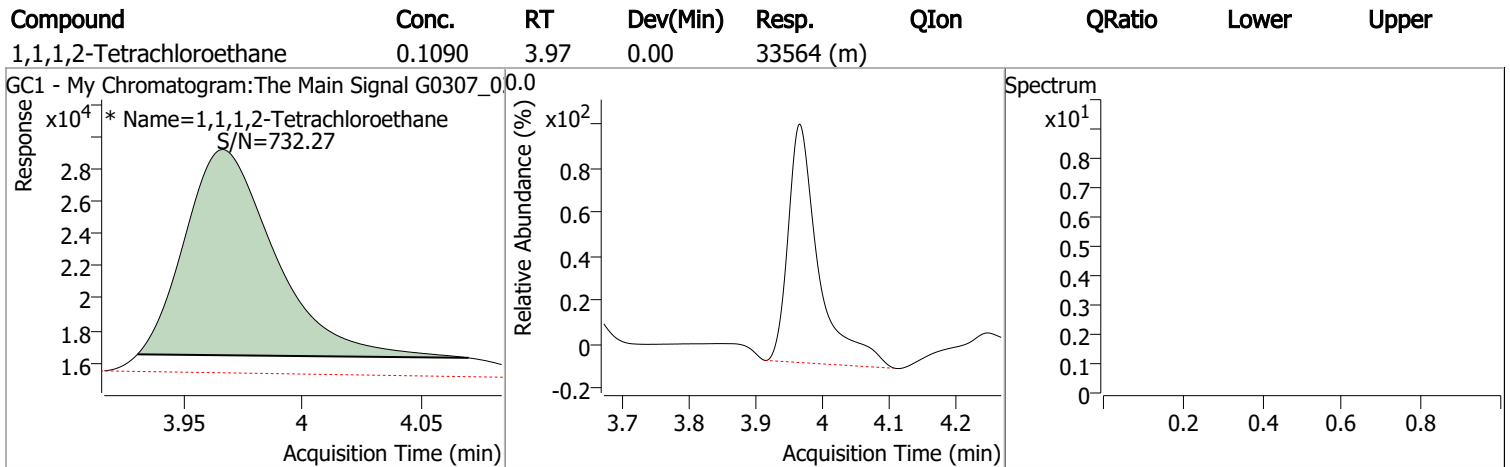
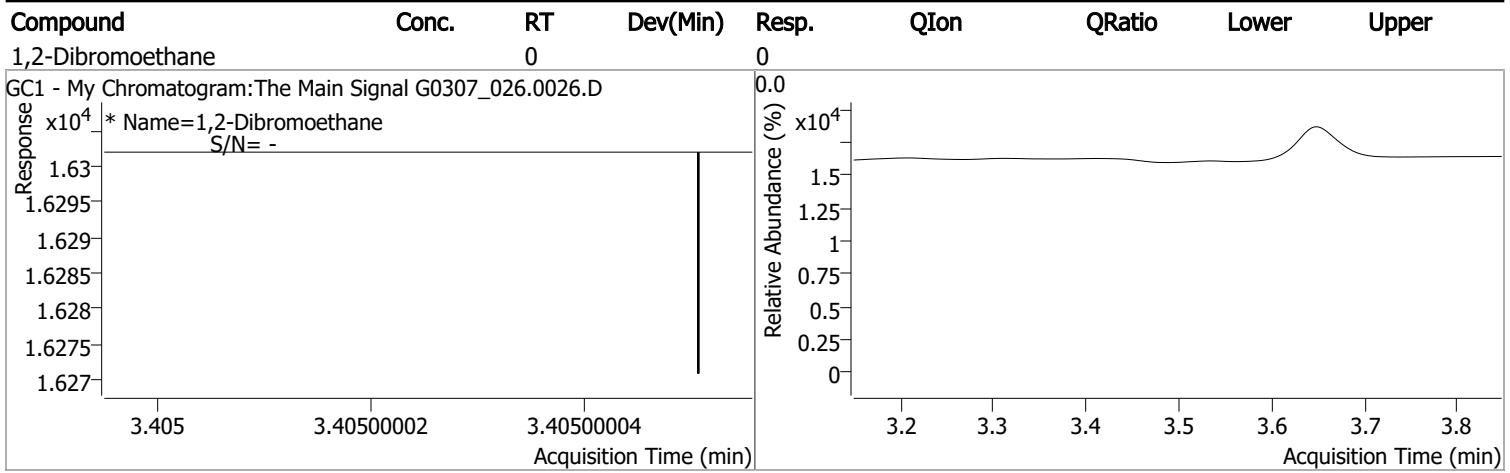
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.967	0.0	33564	0.1090	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 109.04%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.405	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

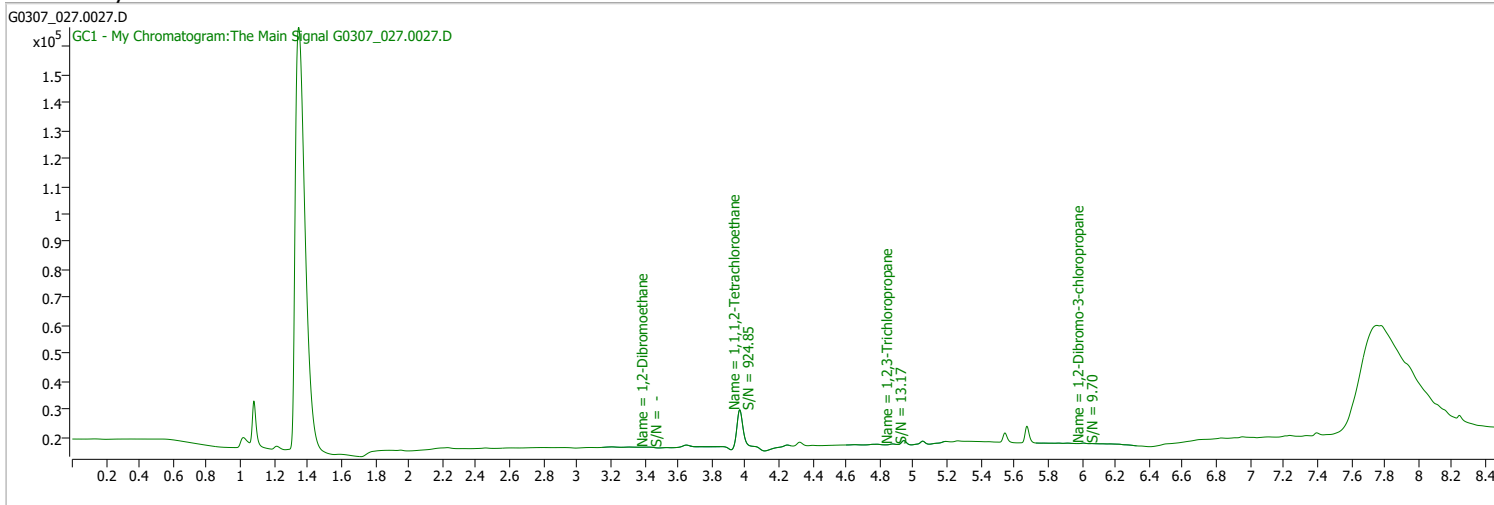
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_027.0027.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 8:18:10 PM
Sample Name	B22030244-015A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

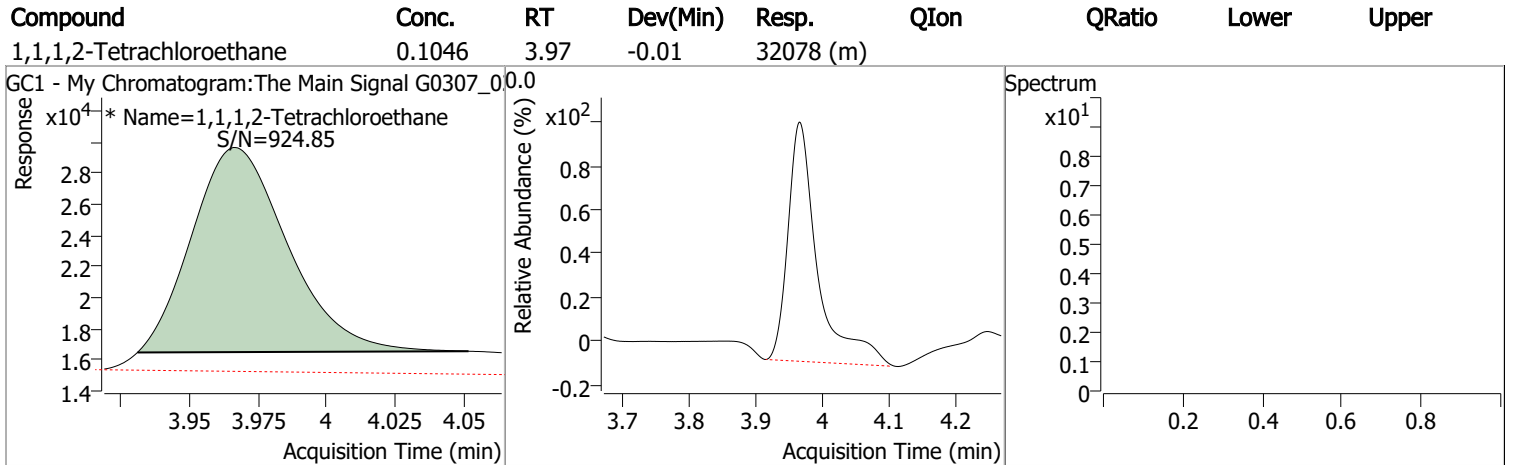
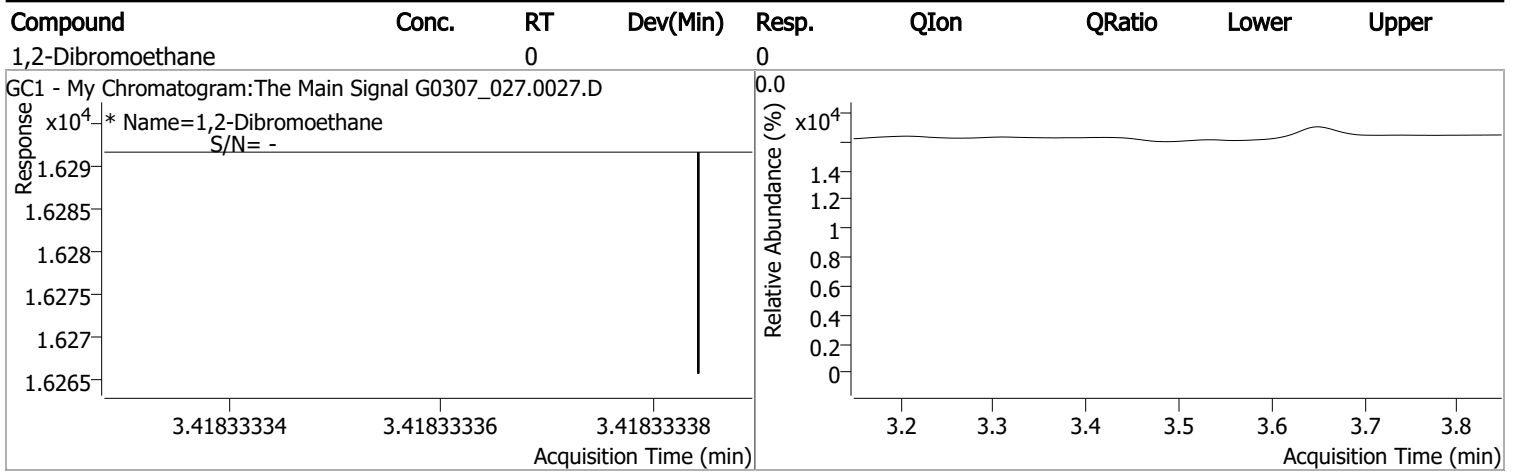
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.966	0.0	32078	0.1046	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 104.63%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.418	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

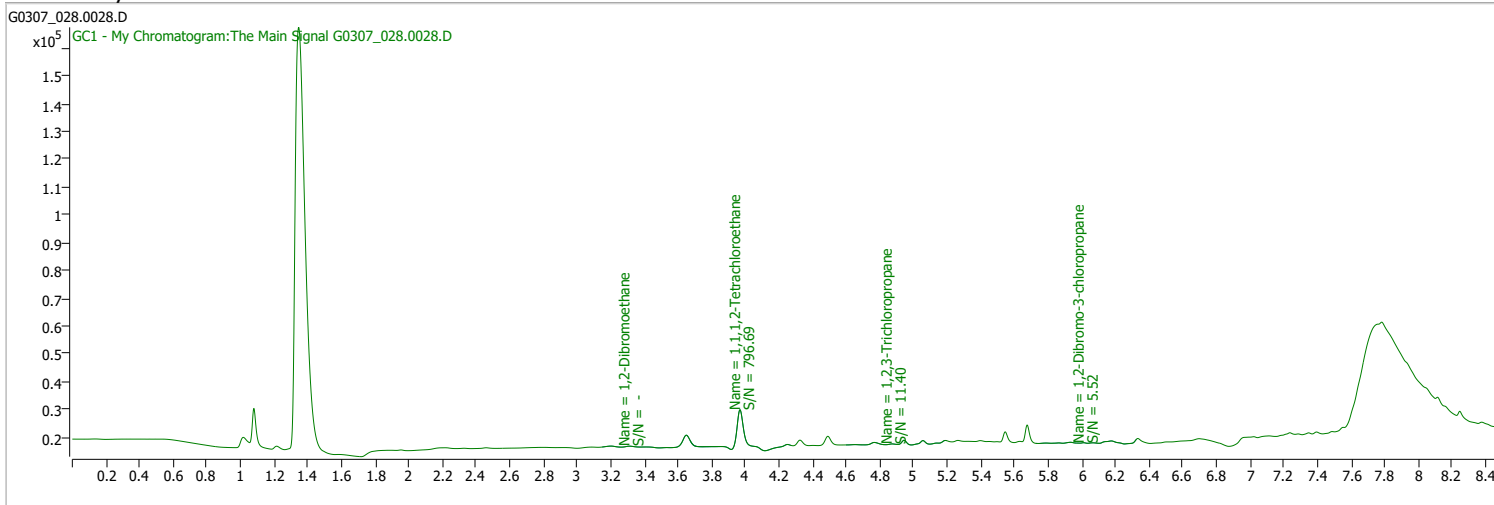




# Quantitation Results Report (QT Reviewed)

Data File	G0307_028.0028.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 8:38:10 PM
Sample Name	B22030244-017G	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

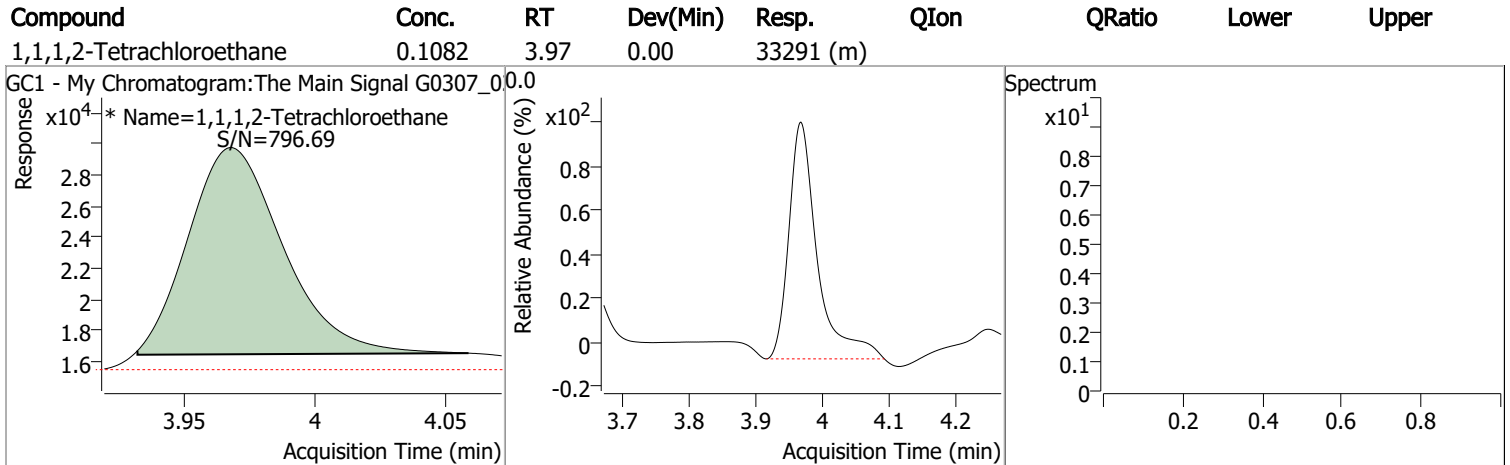
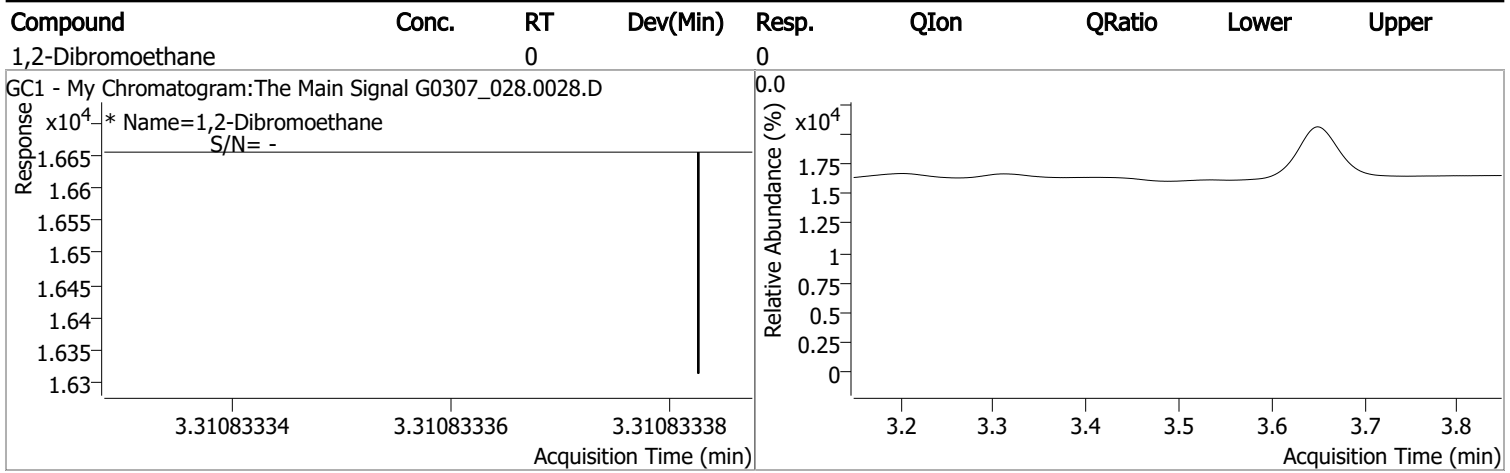
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	33291	0.1082	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 108.23%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.311	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

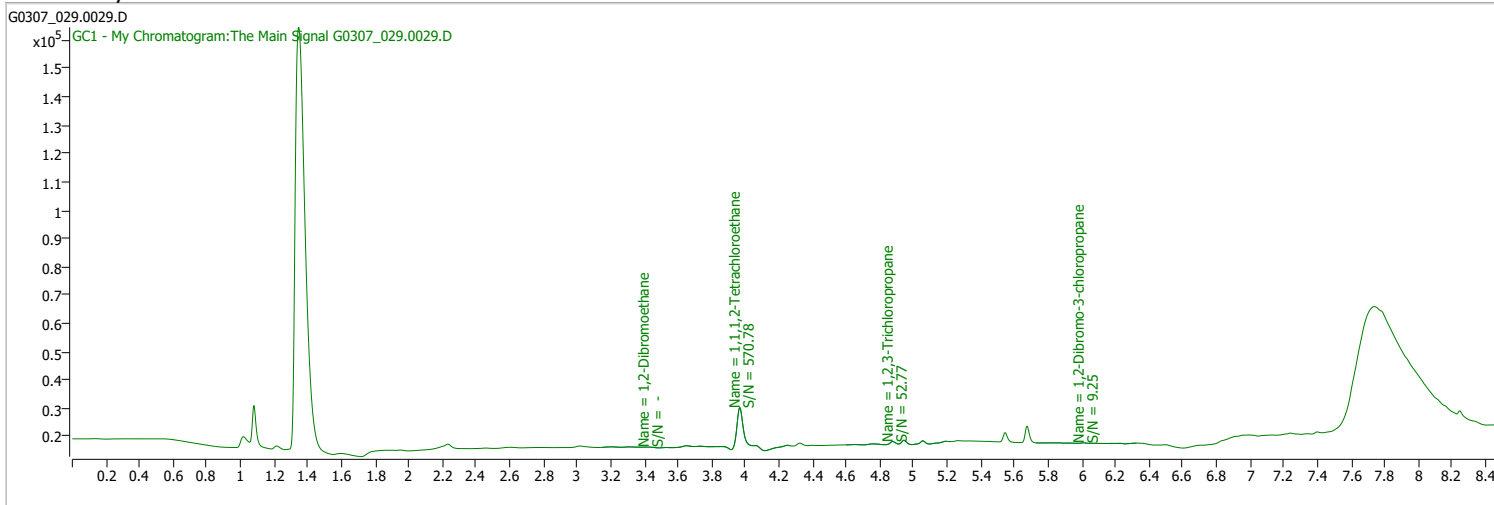
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_029.0029.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 8:58:10 PM
Sample Name	B22030244-020A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

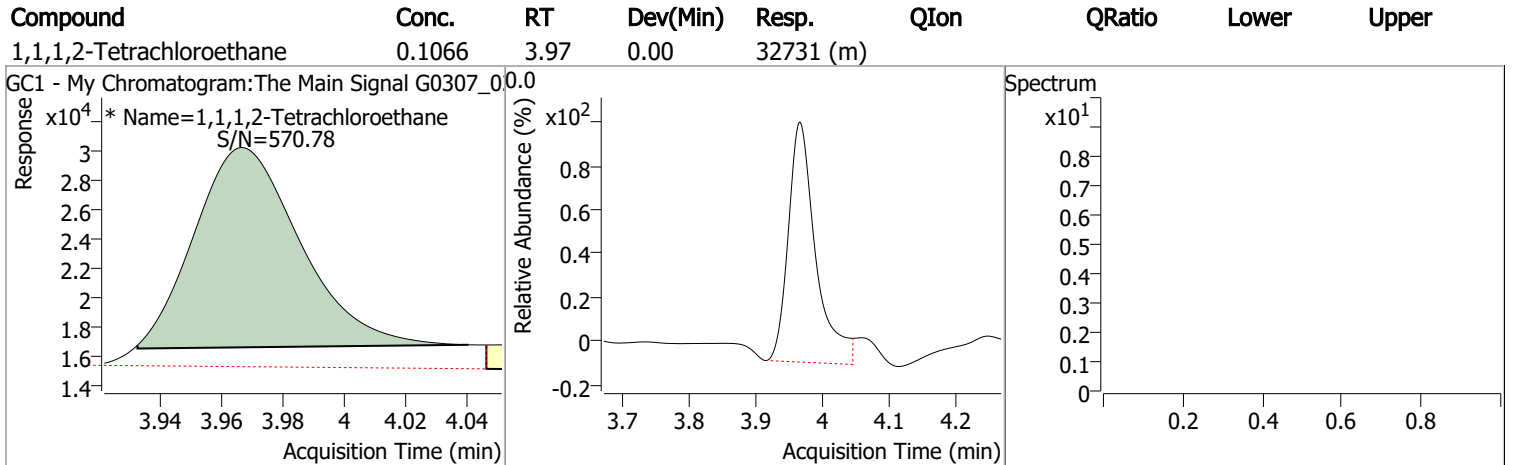
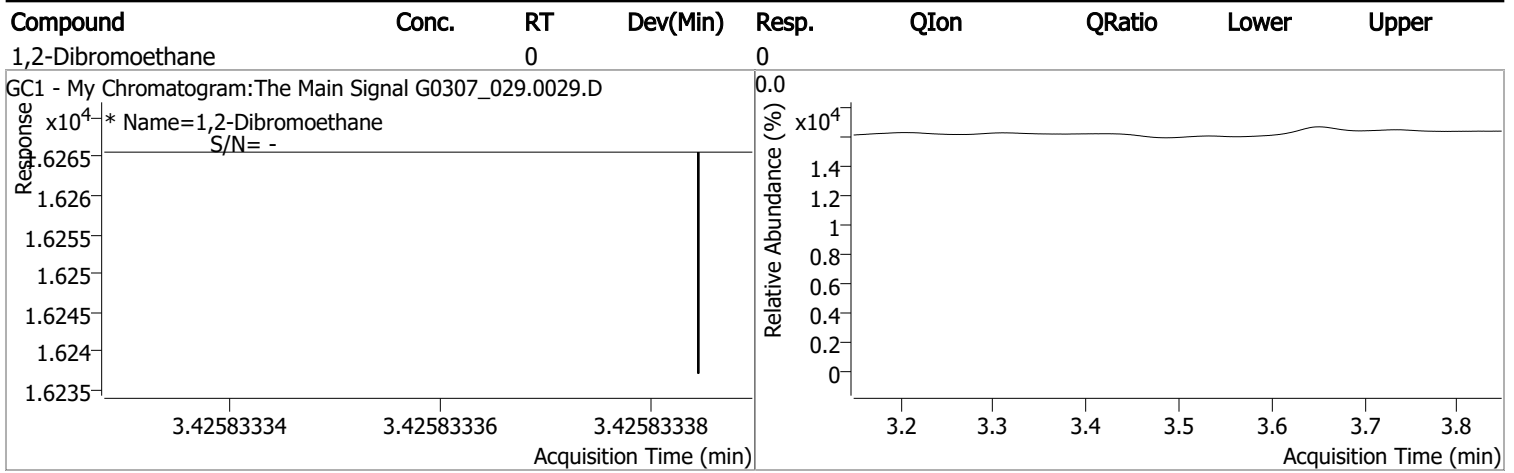
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.967	0.0	32731	0.1066	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 106.57%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.426	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

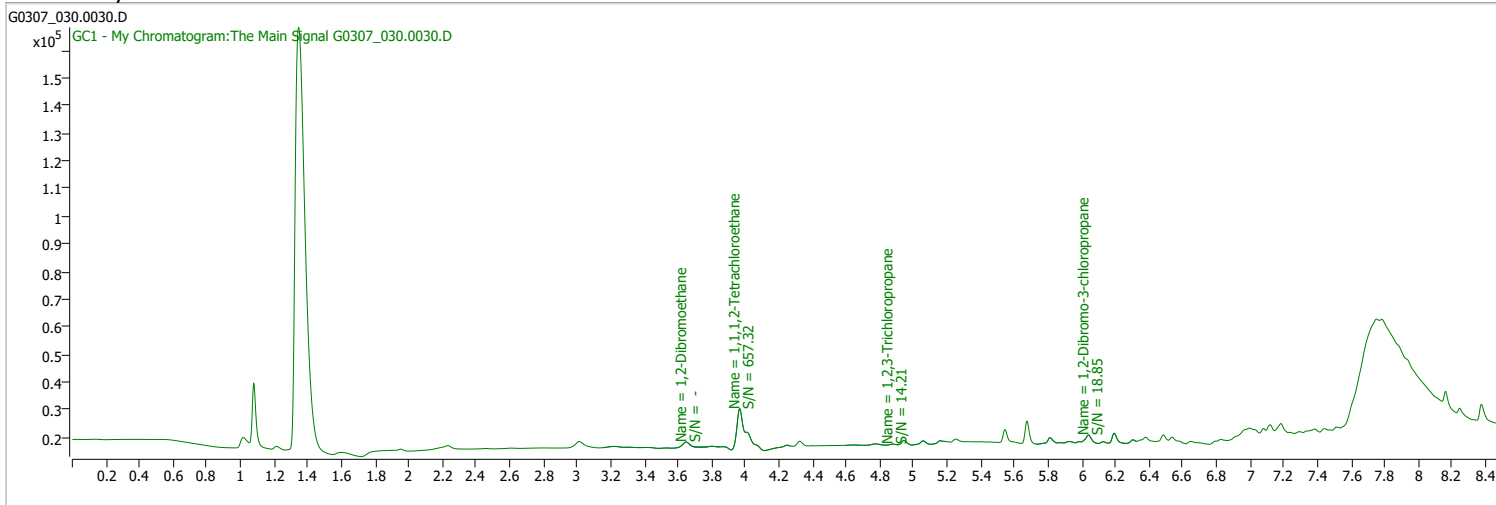
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_030.0030.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 9:18:01 PM
Sample Name	B22030244-022G	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

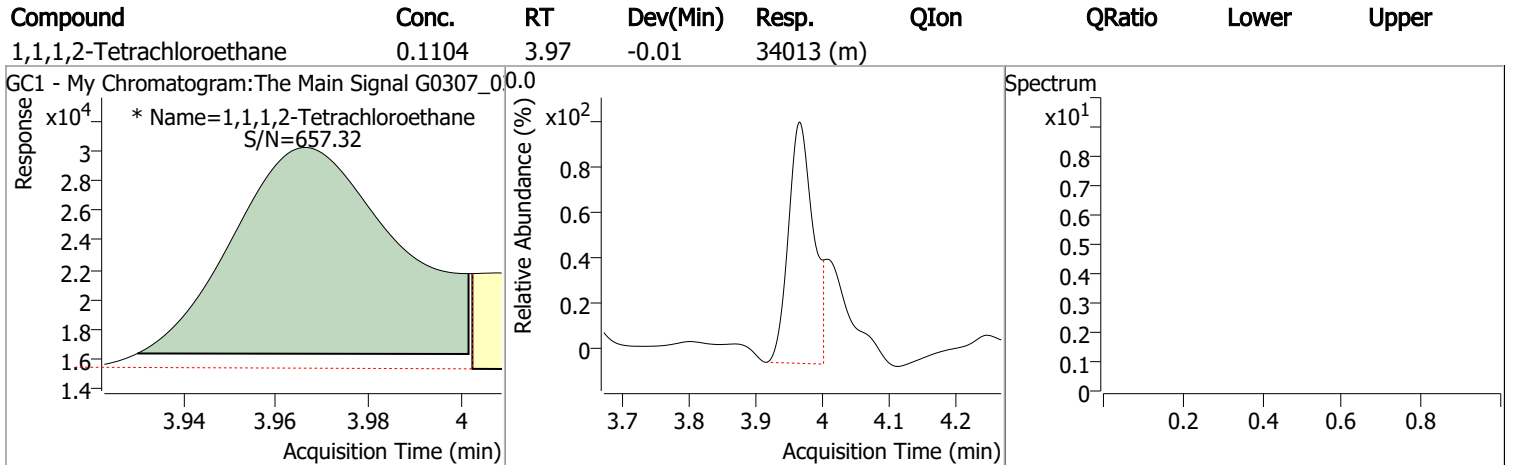
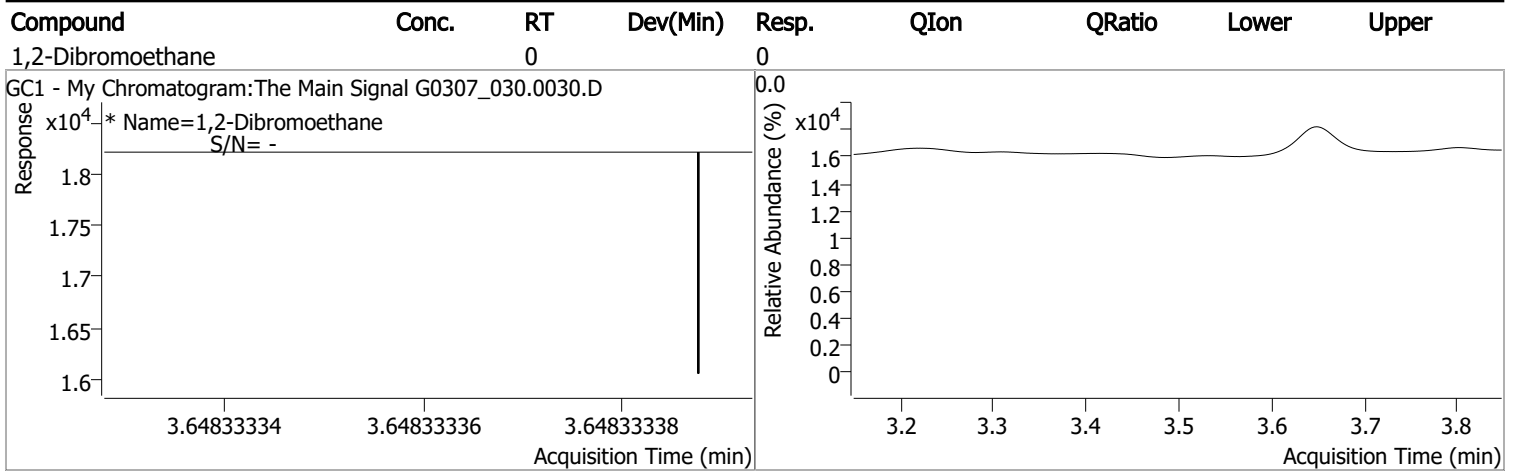
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.966	0.0	34013	0.1104	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 110.37%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.648	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

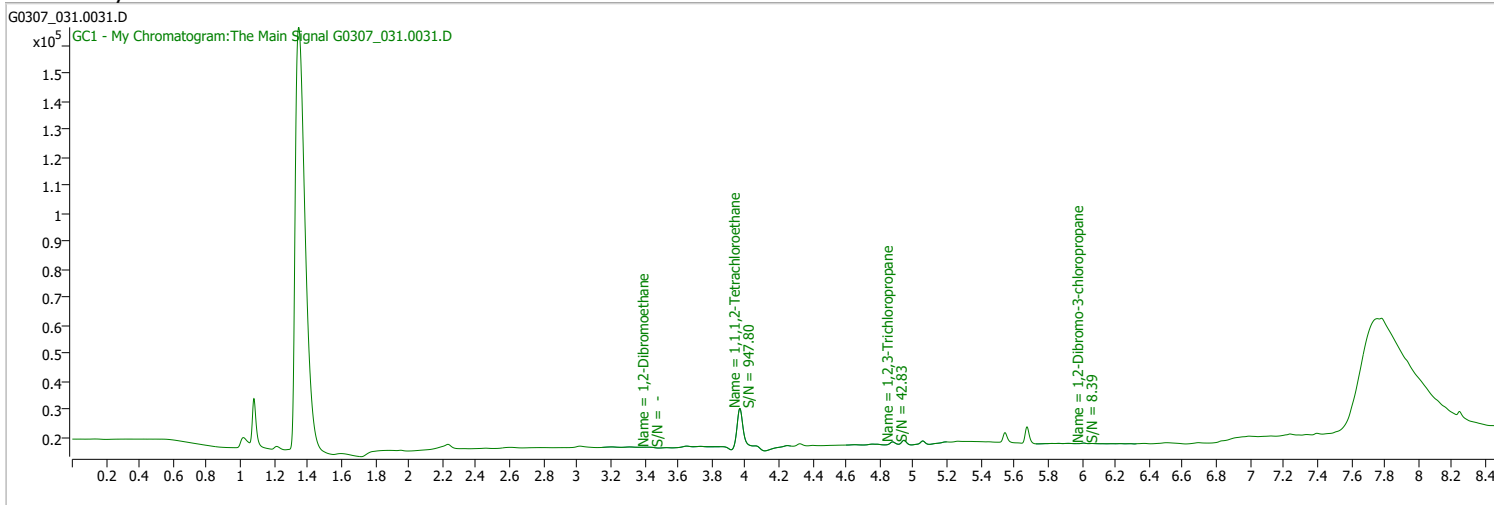
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_031.0031.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 9:38:11 PM
Sample Name	B22030244-025A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

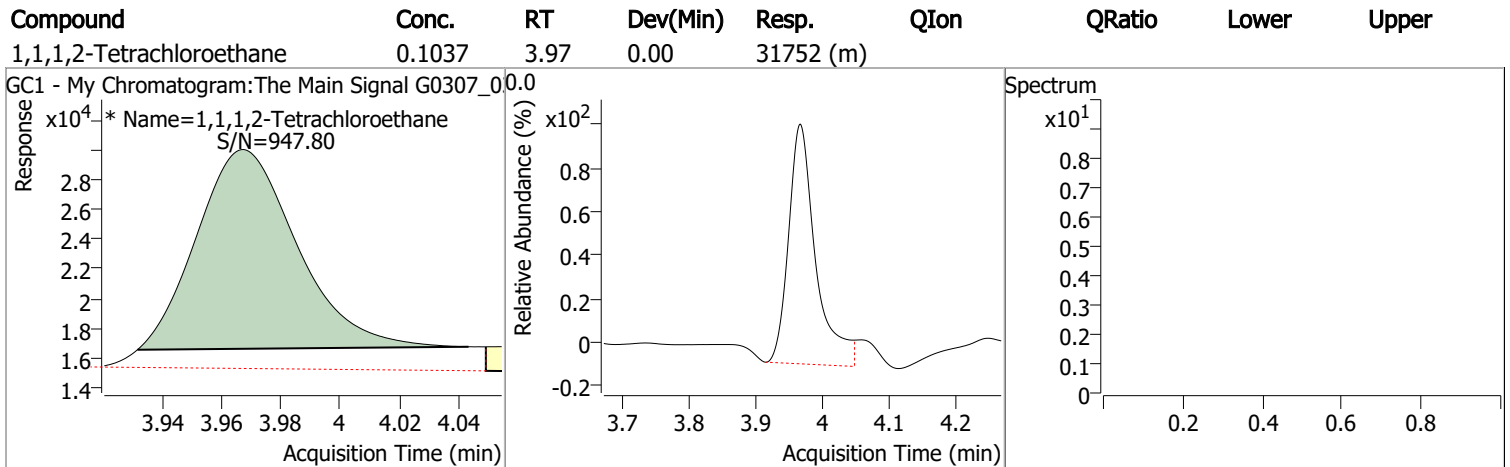
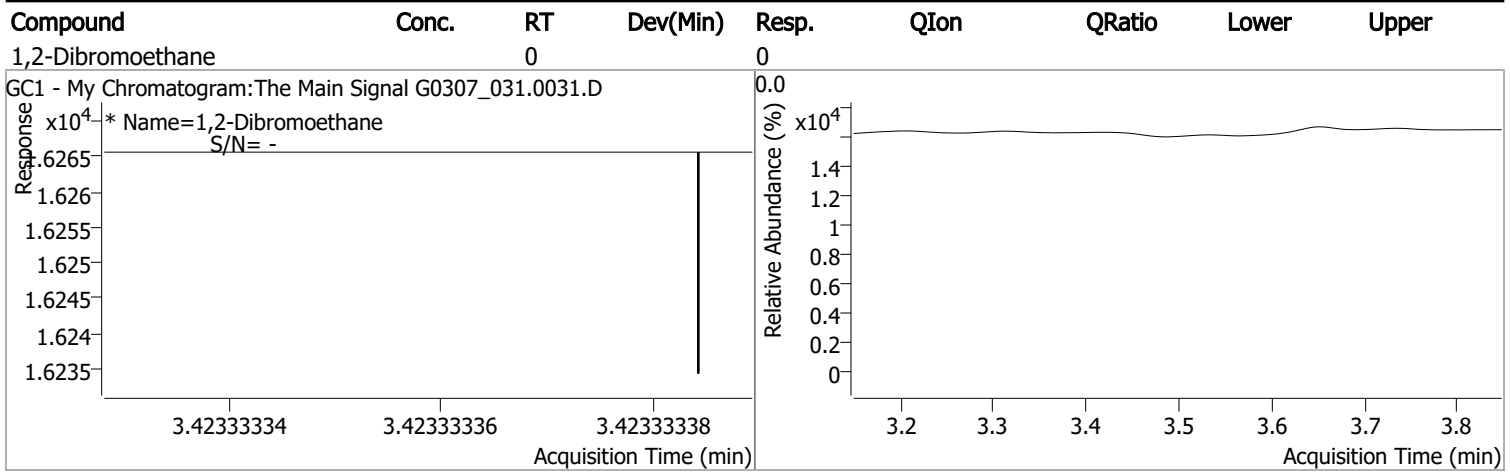
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	31752	0.1037	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 103.66%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.423	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

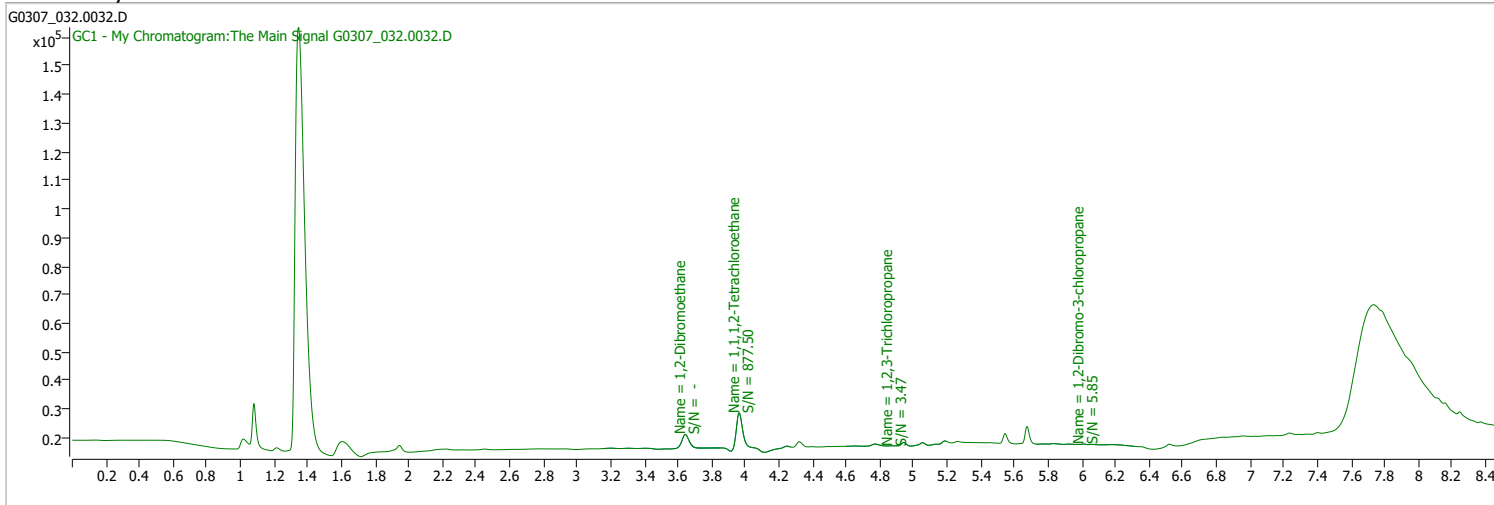




# Quantitation Results Report (QT Reviewed)

Data File	G0307_032.0032.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 9:58:03 PM
Sample Name	B22030244-001G	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

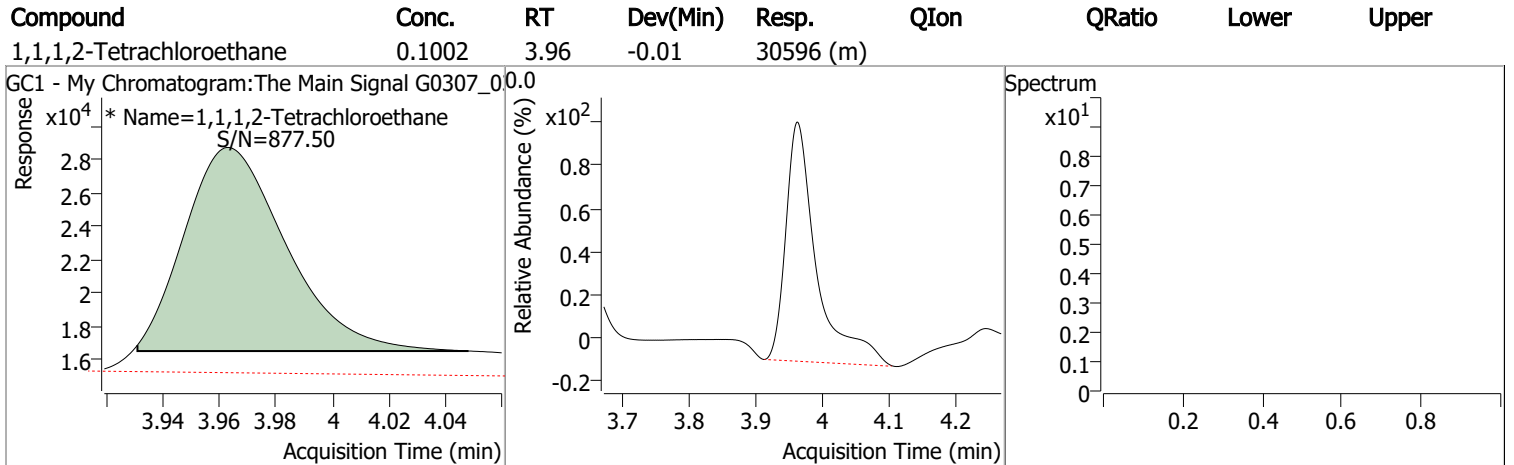
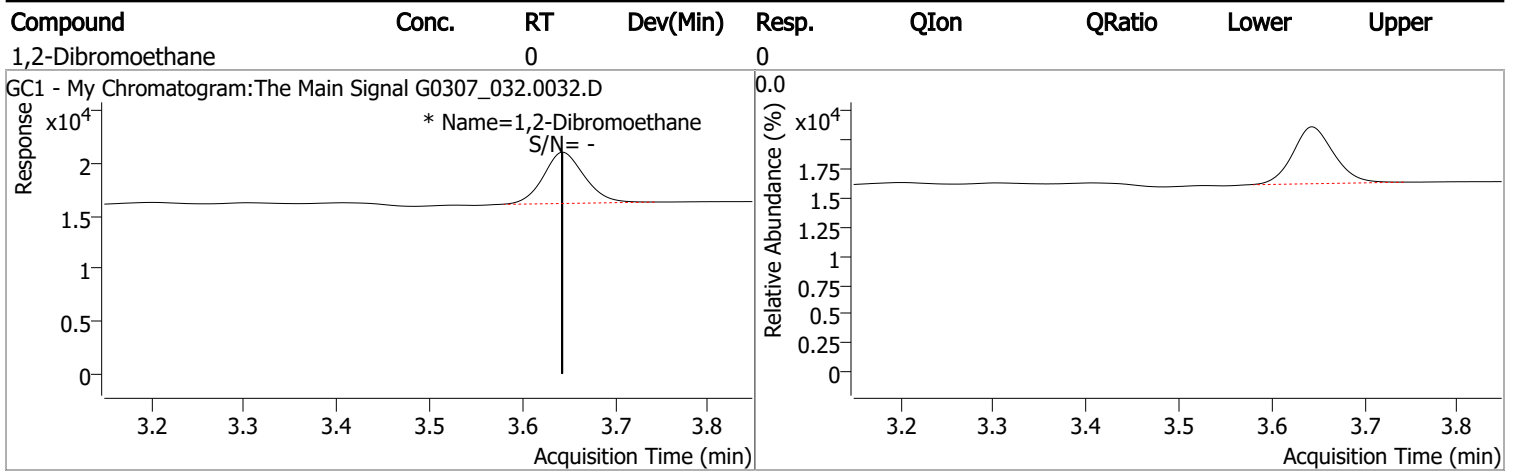
S 1,1,1,2-Tetrachloroethane	3.963	0.0	30596	0.1002	µg/L	m	-0.008
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 100.22%			

**Target Compounds**

M 1,2-Dibromoethane	3.643	0.0	0	µg/L	md	<b>QValue</b>	1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

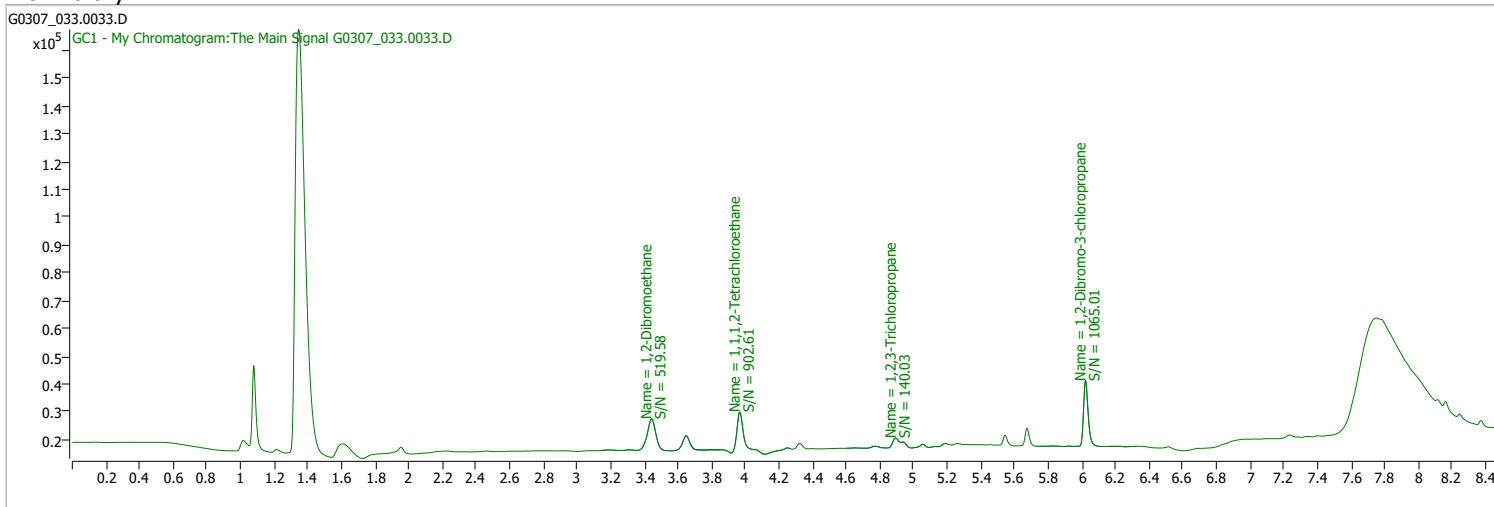


# Quantitation Results Report (QT Reviewed)

Data File G0307\_033.0033.D  
 Acq. Method testAcqFileNamePath  
 Sample Name B22030244-001GMS  
 Vial  
 DA Method File  
 Tune File  
 Batch Name G030722\_8011\_W\_CLT.batch.bin

Operator  
 Acq. Date-Time 3/7/2022 10:17:50 PM  
 Instrument WJB  
 Multiplier 1.00  
 Comment  
 Tune Date  
 Last Calib Update 3/9/2022 9:22:16 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

S 1,1,1,2-Tetrachloroethane	3.967	0.0	32766	0.1067	µg/L	m	-0.004
Spiked Amount: 0.100				Range: 70.0 - 130.0% Recovery = 106.67%			

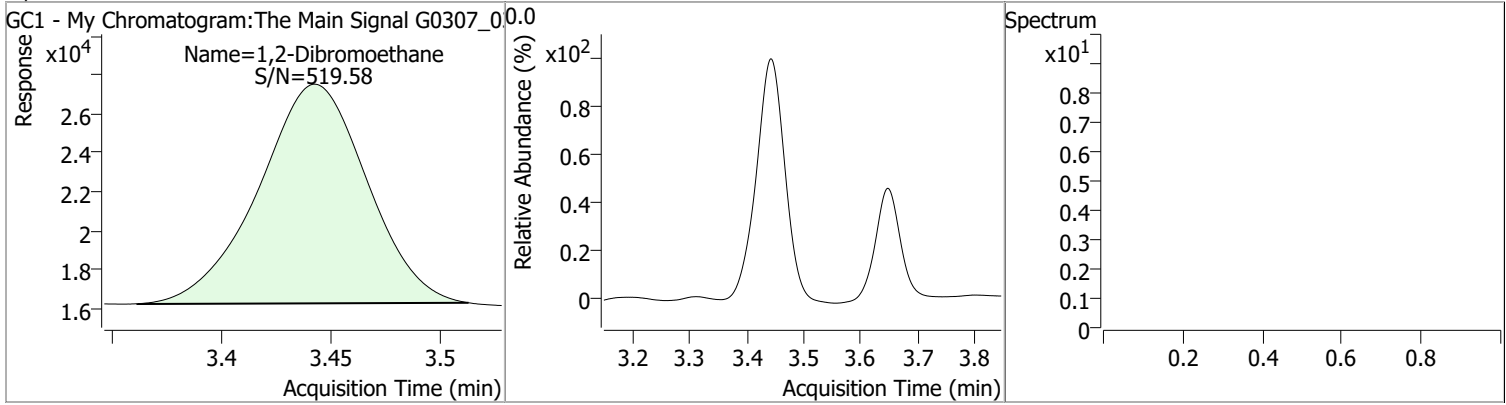
**Target Compounds**

M 1,2-Dibromoethane	3.443	0.0	38894	0.2673	µg/L	100	<b>QValue</b>
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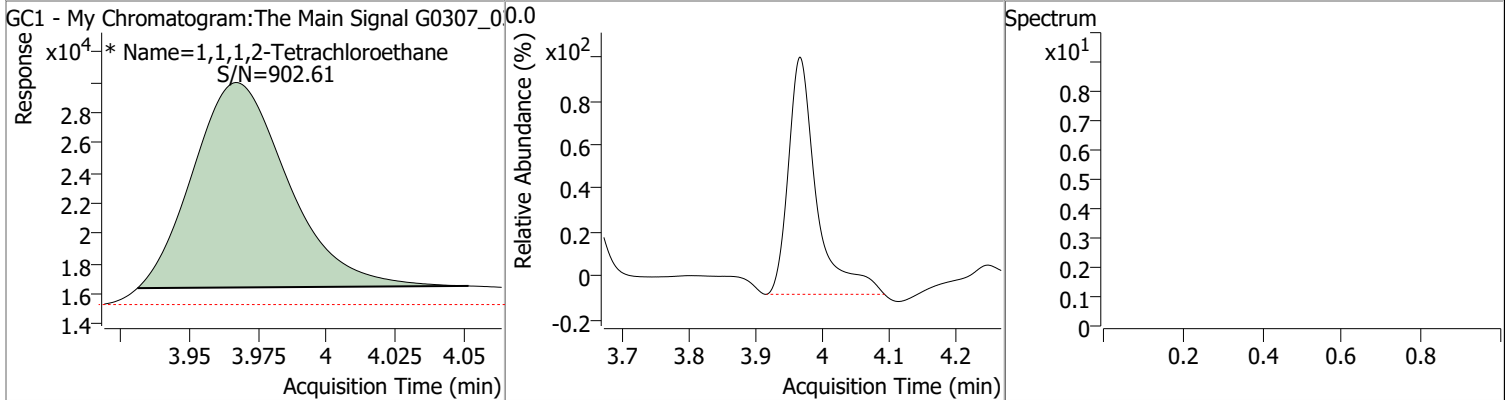
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2673	3.44	-0.01	38894				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1067	3.97	0.00	32766 (m)				

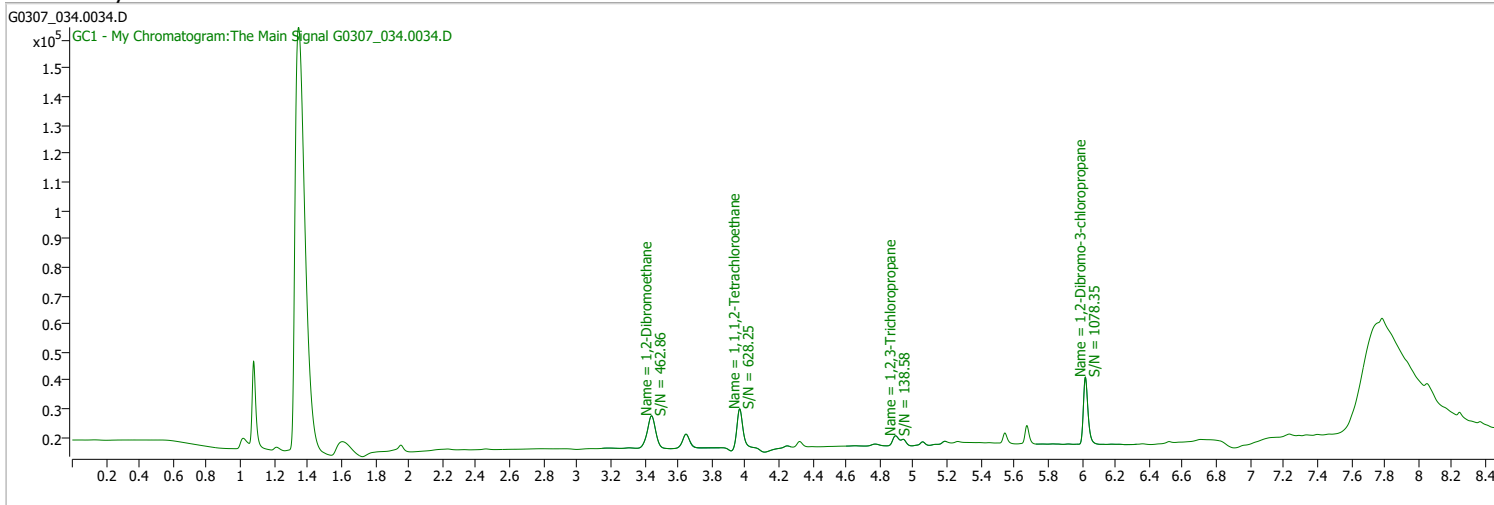


# Quantitation Results Report (QT Reviewed)

Data File G0307\_034.0034.D  
 Acq. Method testAcqFileNamePath  
 Sample Name B22030244-001GMSD  
 Vial  
 DA Method File  
 Tune File  
 Batch Name G030722\_8011\_W\_CLT.batch.bin

Operator  
 Acq. Date-Time 3/7/2022 10:37:40 PM  
 Instrument WJB  
 Multiplier 1.00  
 Comment  
 Tune Date  
 Last Calib Update 3/9/2022 9:22:16 AM

**Ref Library**

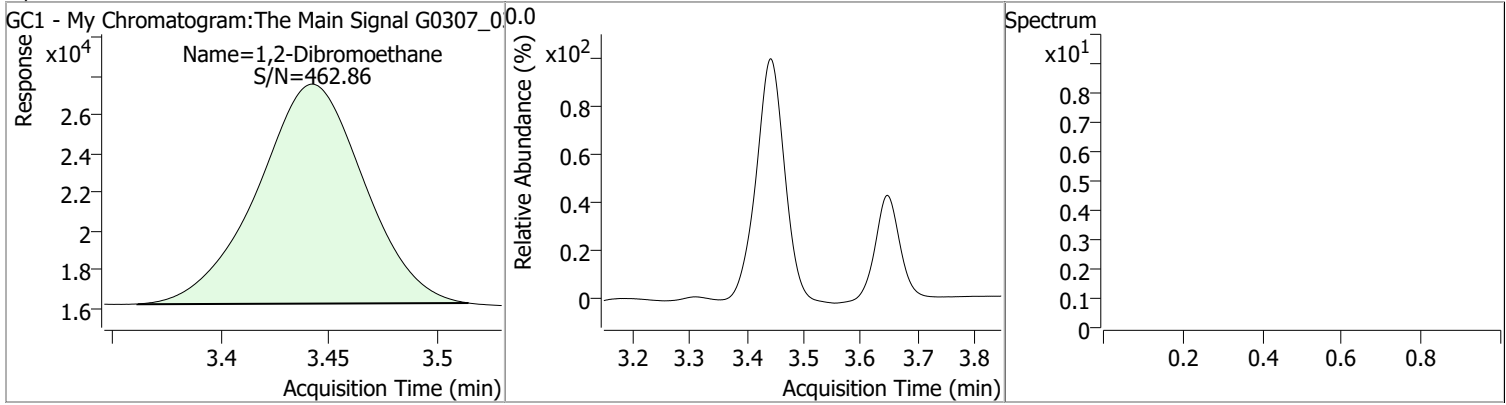


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.966	0.0	33149	0.1078	µg/L	-0.005
Spiked Amount: 0.100				Range: 70.0 - 130.0% Recovery = 107.81%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.443	0.0	38982	0.2680	µg/L	QValue 100

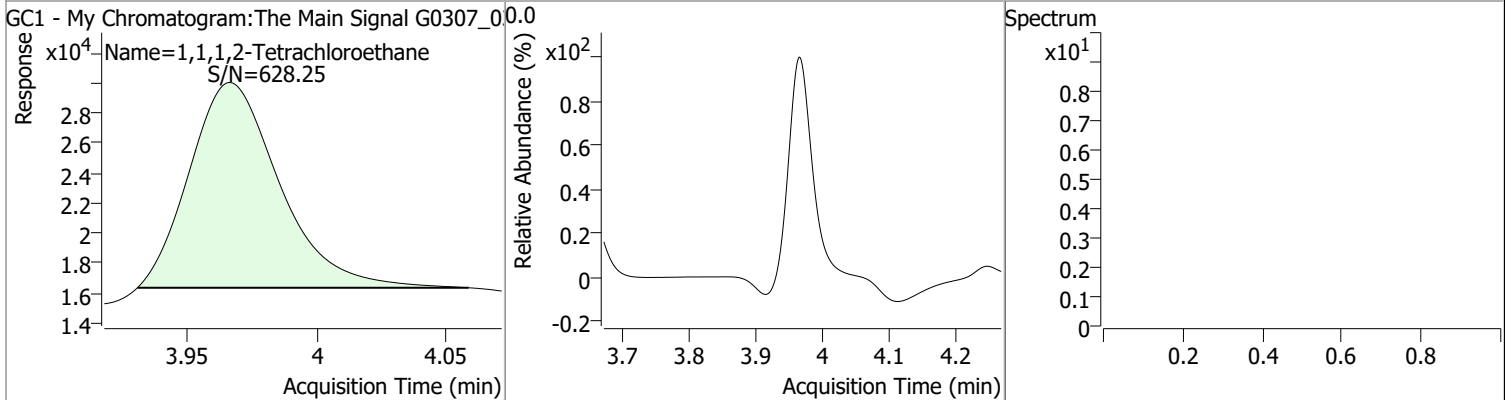
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2680	3.44	-0.01	38982				



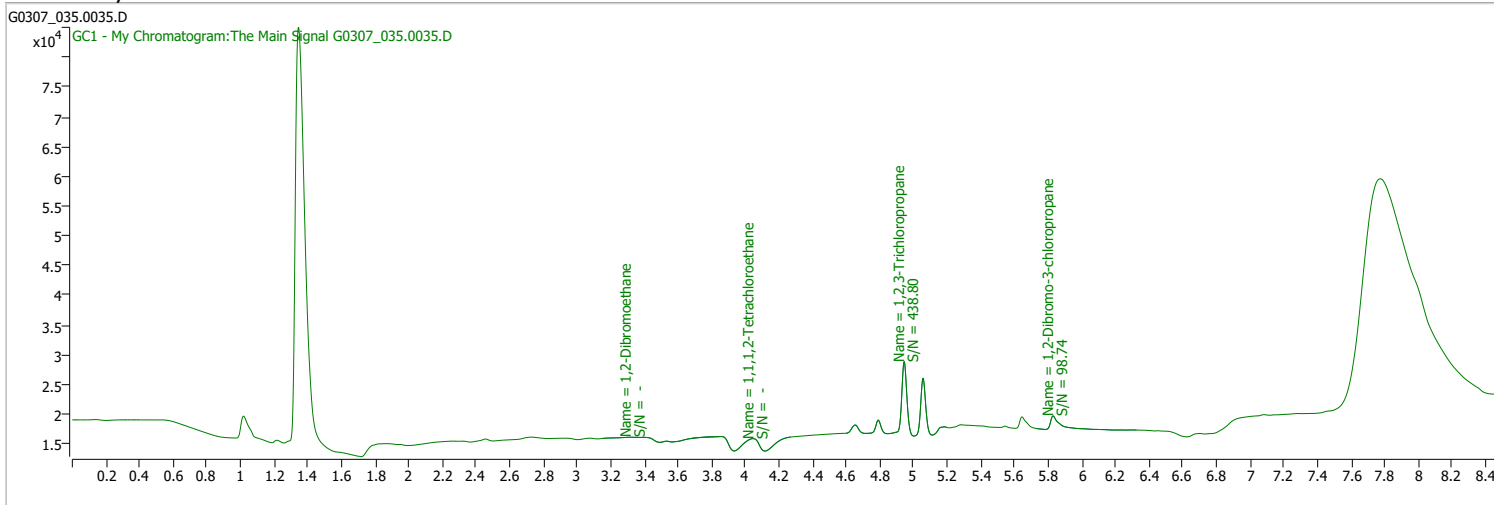
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1078	3.97	-0.01	33149				



# Quantitation Results Report (QT Reviewed)

Data File	G0307_035.0035.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 10:57:28 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

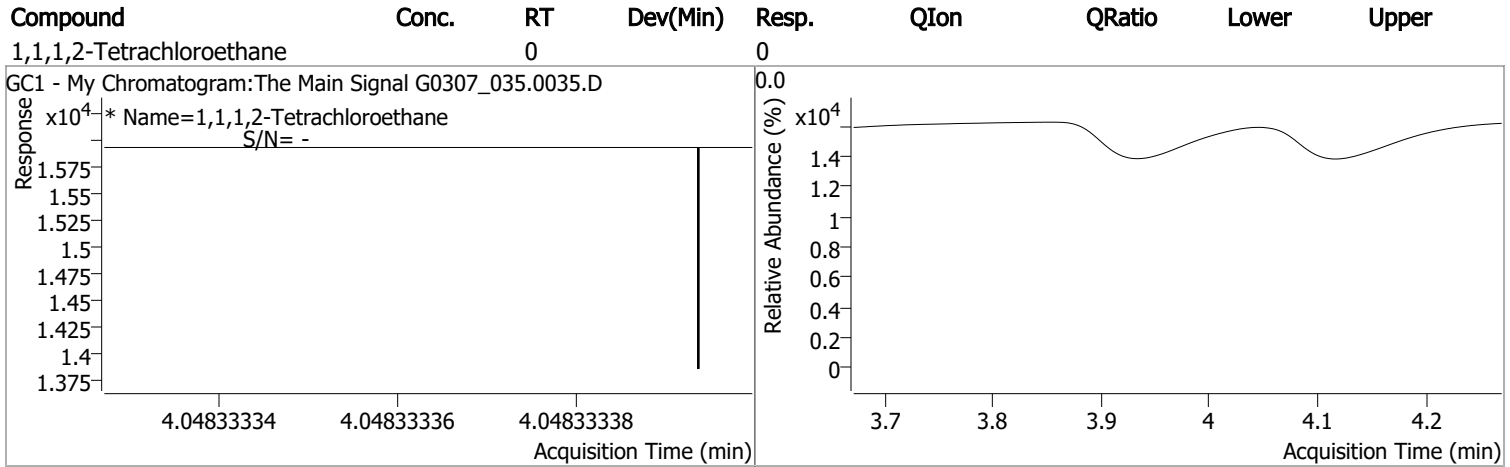
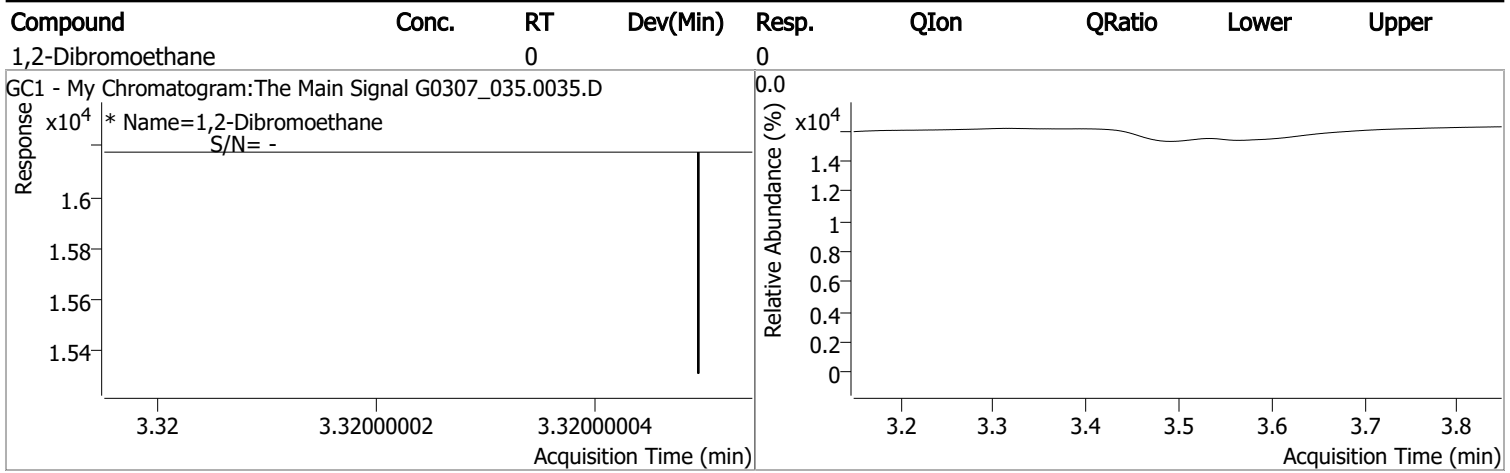
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	4.048	0.0	0		µg/L	md
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.320	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)



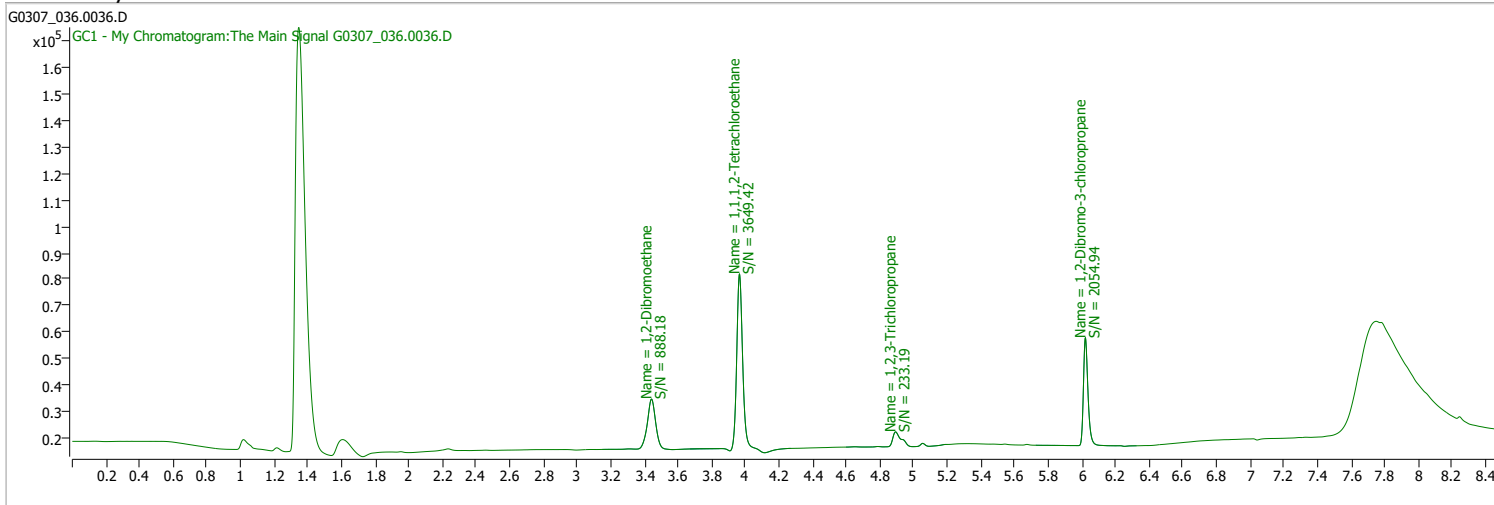


# Quantitation Results Report (QT Reviewed)

Data File G0307\_036.0036.D  
 Acq. Method testAcqFileNamePath  
 Sample Name CAL5-164256  
 Vial  
 DA Method File  
 Tune File  
 Batch Name G030722\_8011\_W\_CLT.batch.bin

Operator  
 Acq. Date-Time 3/7/2022 11:17:30 PM  
 Instrument WJB  
 Multiplier 1.00  
 Comment  
 Tune Date  
 Last Calib Update 3/9/2022 9:22:16 AM

**Ref Library**



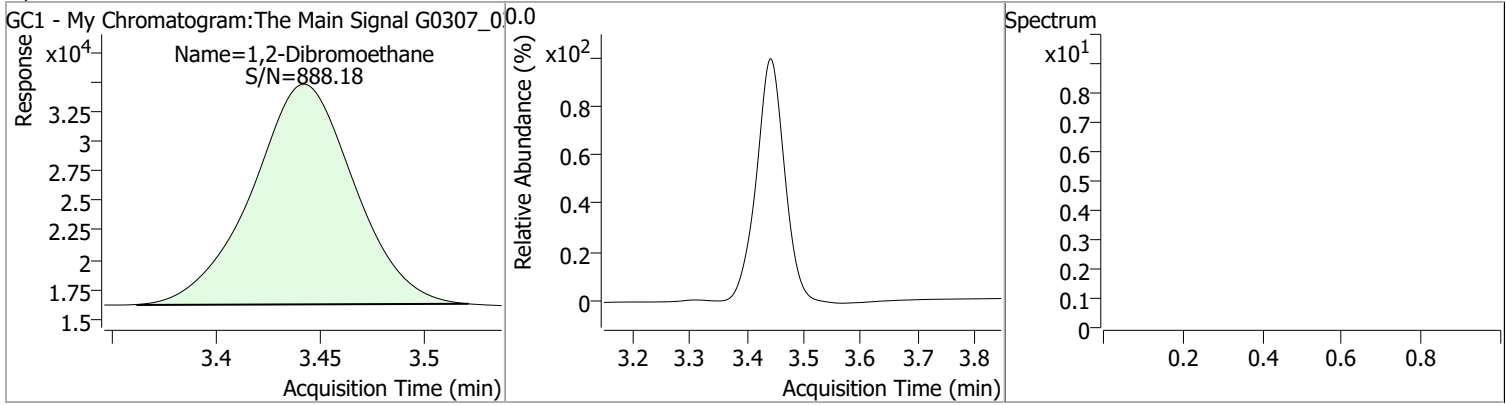
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.965	0.0	158104	0.4662	µg/L	m -0.006
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 466.19%		*
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.443	0.0	63949	0.4531	µg/L	QValue 100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

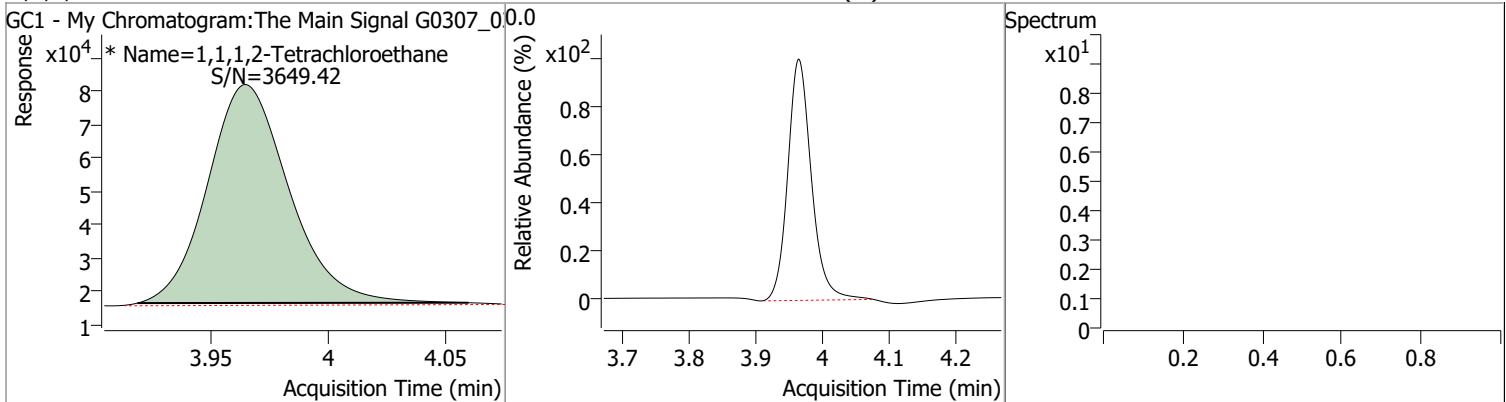
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
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1,2-Dibromoethane	0.4531	3.44	-0.01	63949				
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Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
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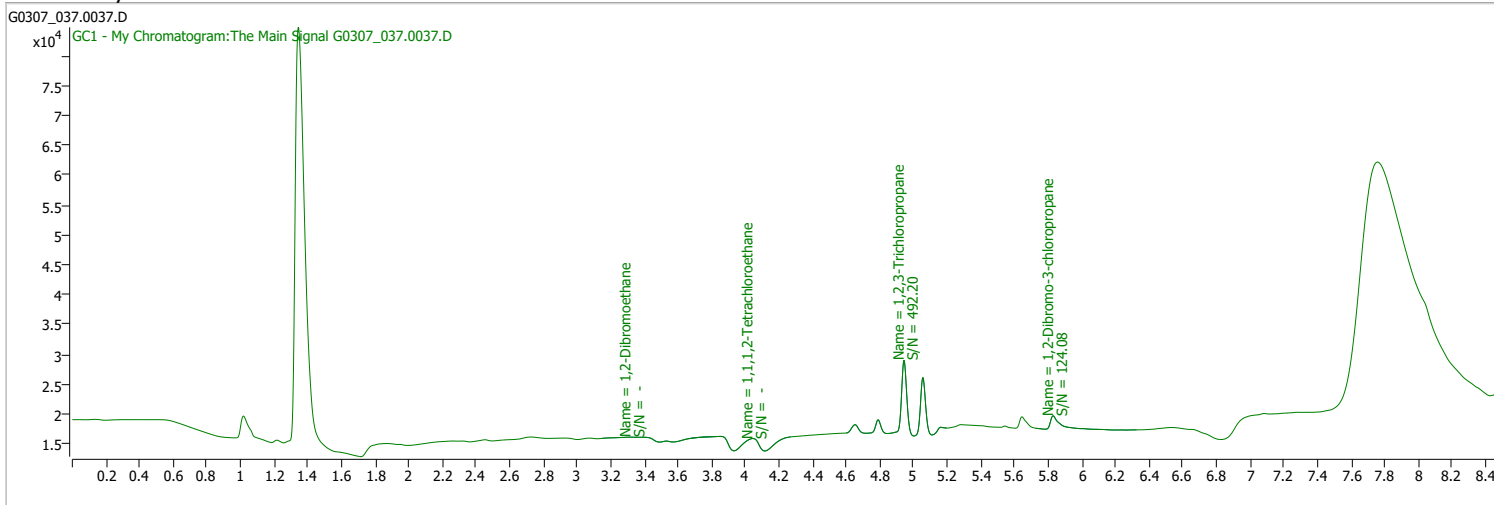
1,1,1,2-Tetrachloroethane	0.4662	3.97	-0.01	158104 (m)				
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# Quantitation Results Report (QT Reviewed)

Data File	G0307_037.0037.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 11:37:15 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
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**Internal Standards**

**System Monitoring Compounds**

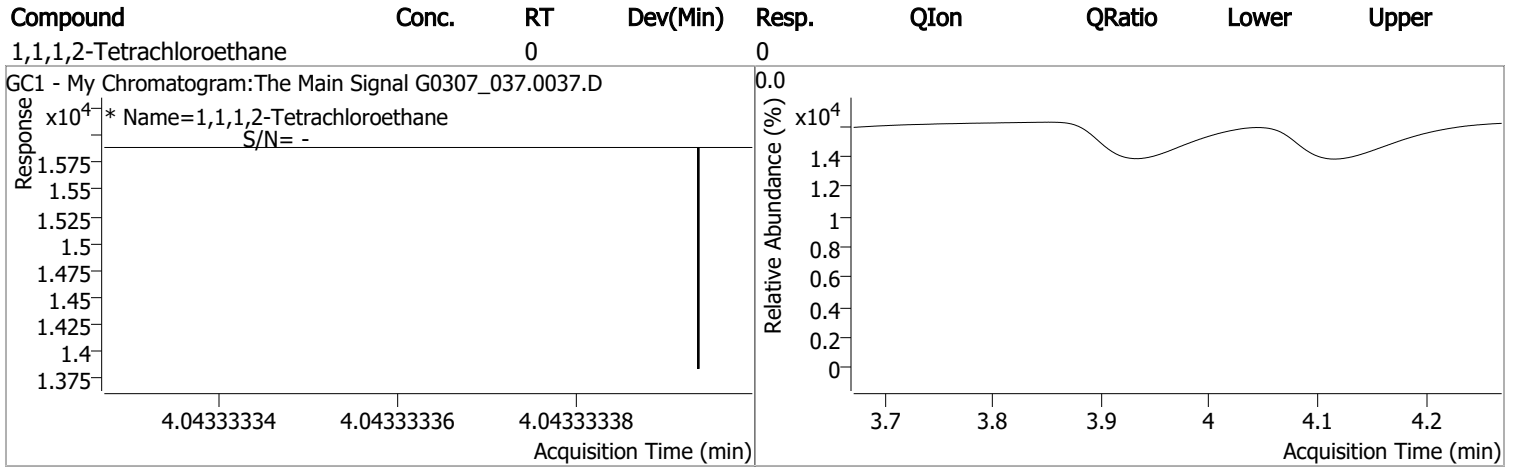
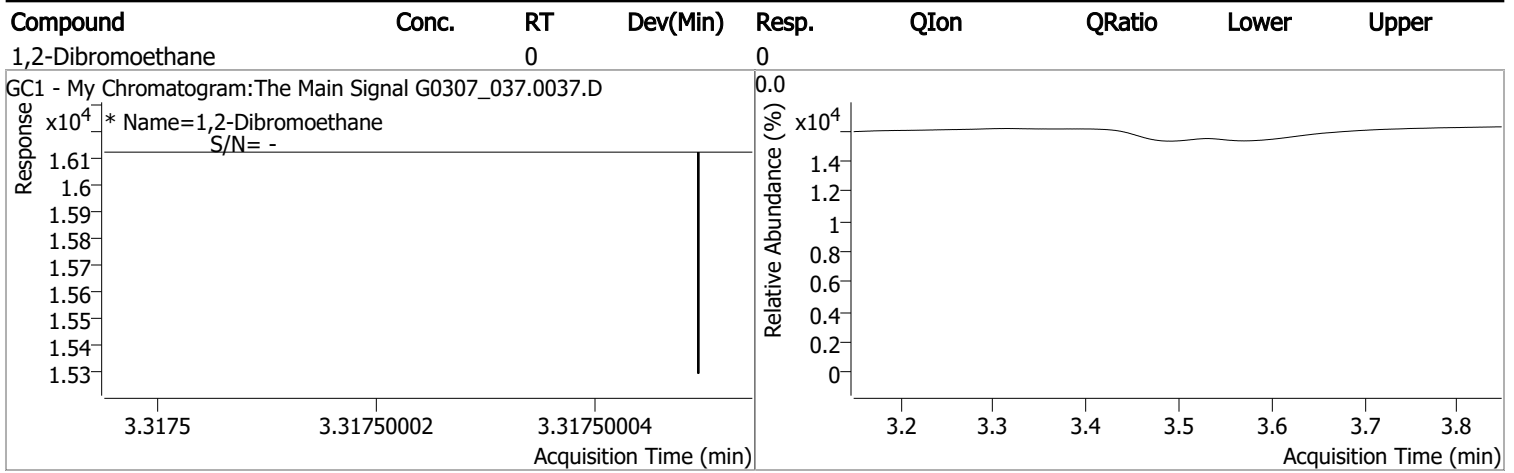
S 1,1,1,2-Tetrachloroethane	4.043	0.0	0		µg/L	md	0.072
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			

**Target Compounds**

M 1,2-Dibromoethane	3.318	0.0	0		µg/L	md	<b>QValue</b> 1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

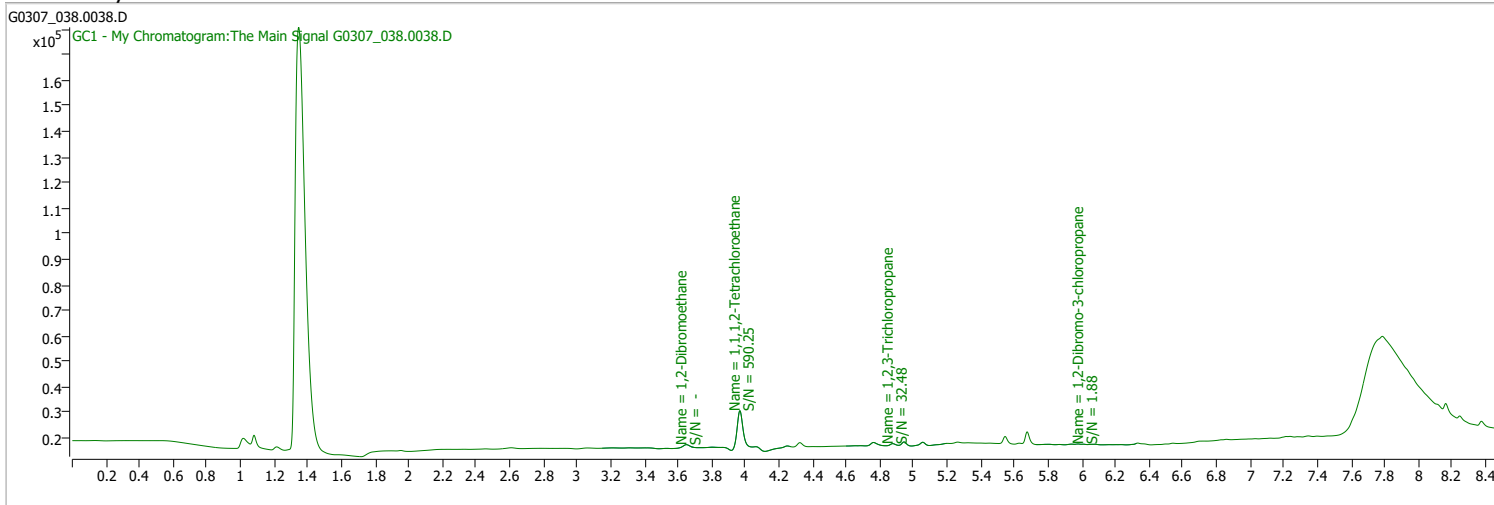
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_038.0038.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/7/2022 11:57:05 PM
Sample Name	B22030244-027G	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

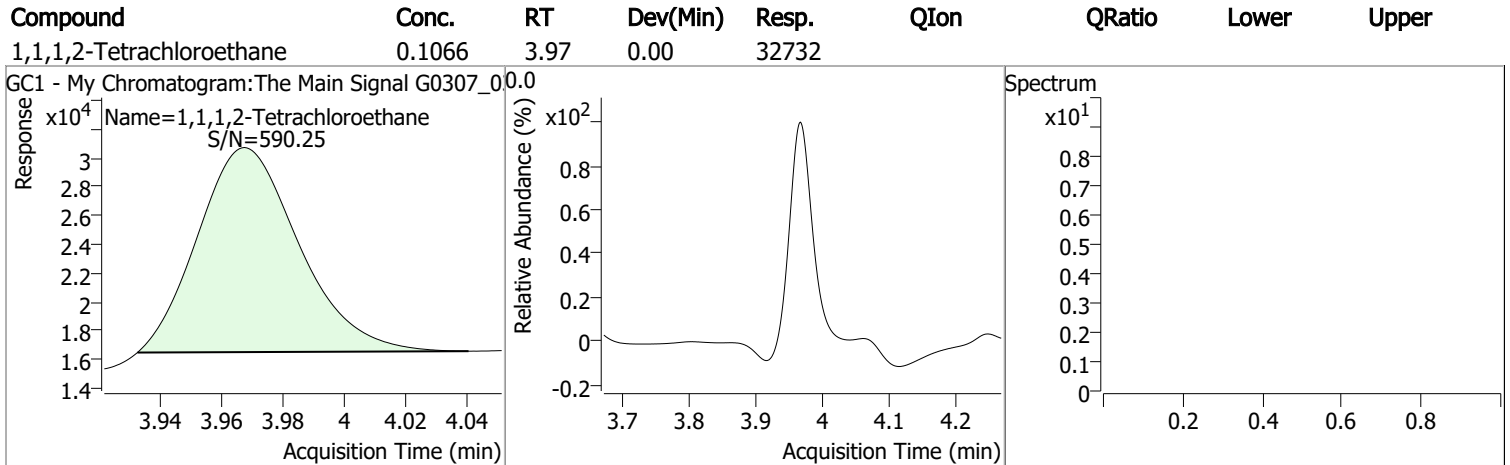
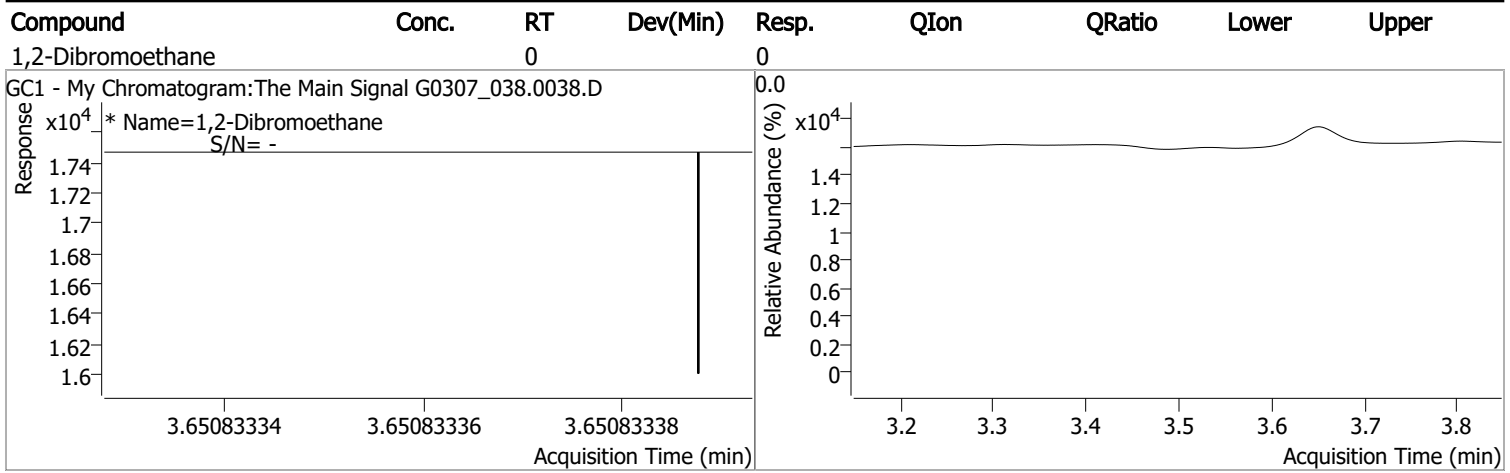
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	32732	0.1066	µg/L	-0.003
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 106.57%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.651	0.0	0	µg/L	md	QValue 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

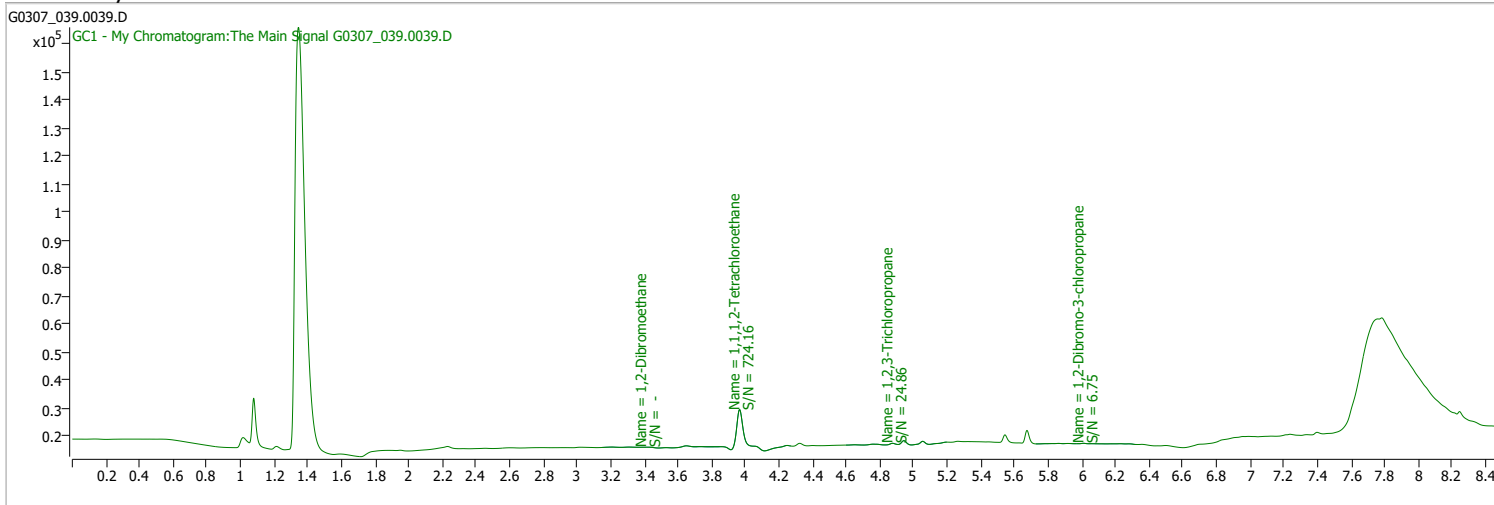
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_039.0039.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/8/2022 12:16:52 AM
Sample Name	B22030244-030A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

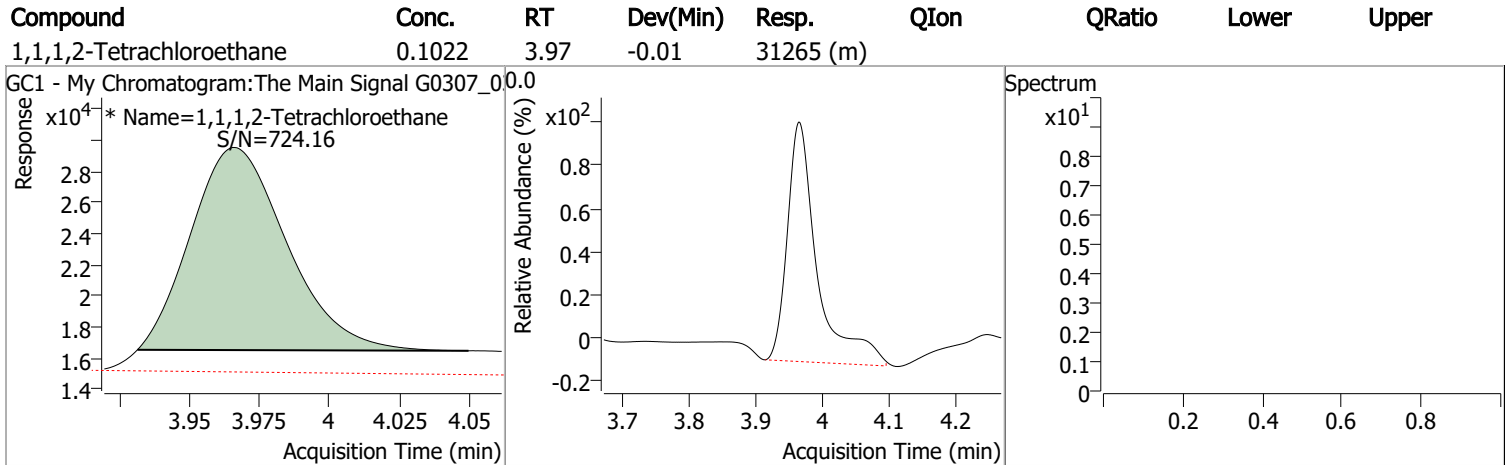
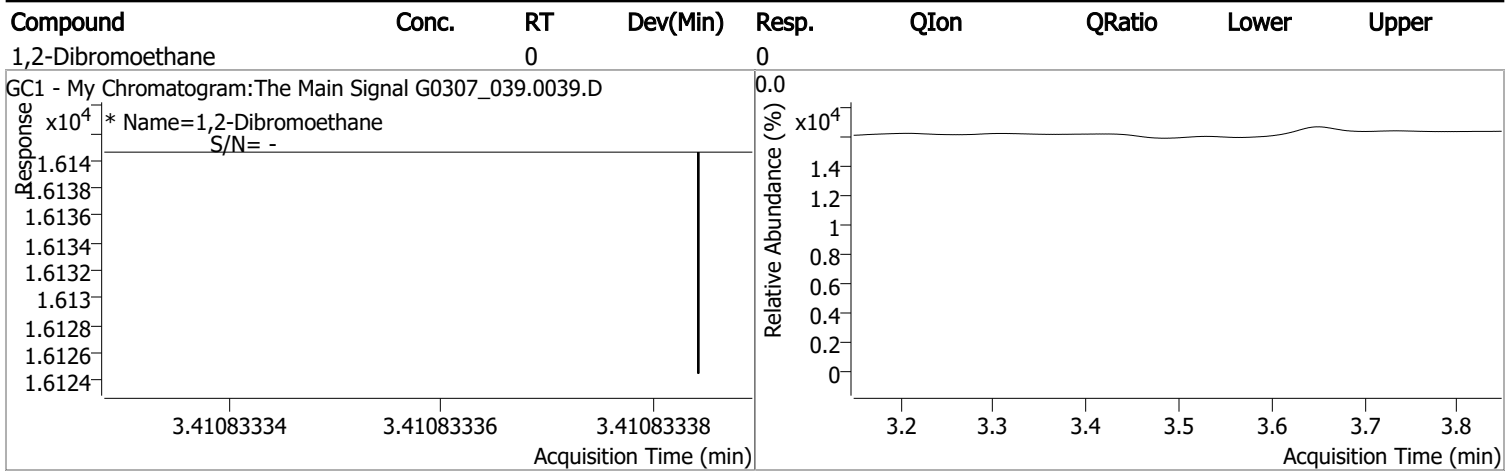
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.965	0.0	31265	0.1022	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 102.21%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.411	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

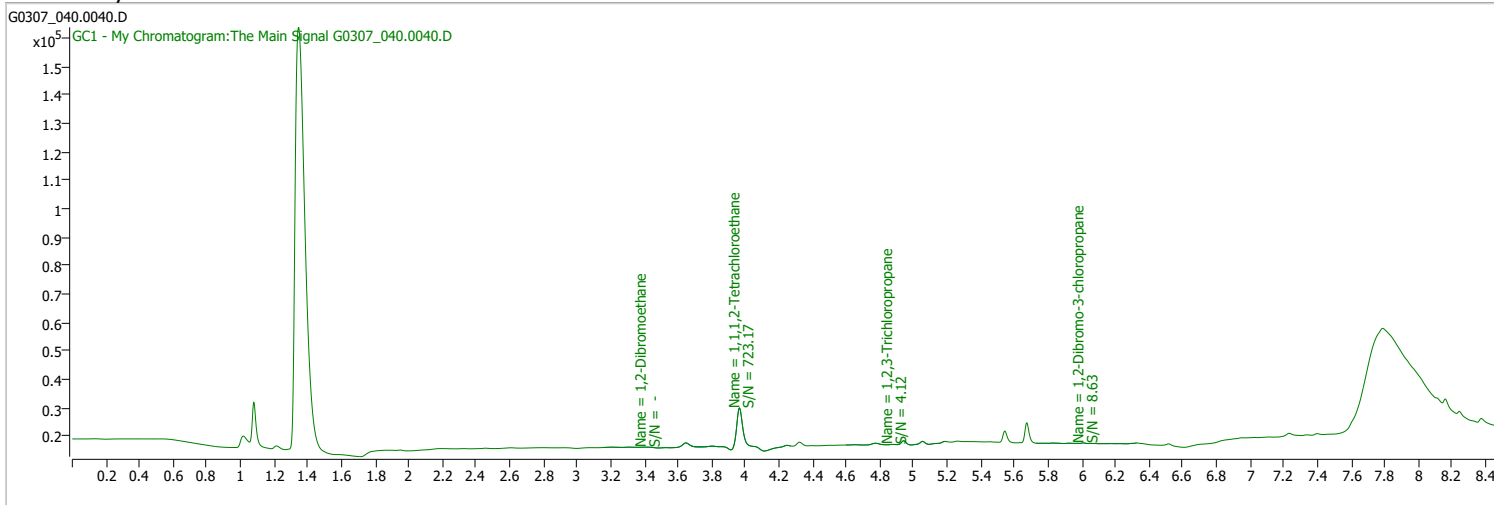




# Quantitation Results Report (QT Reviewed)

Data File	G0307_040.0040.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/8/2022 12:36:49 AM
Sample Name	B22030244-032H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

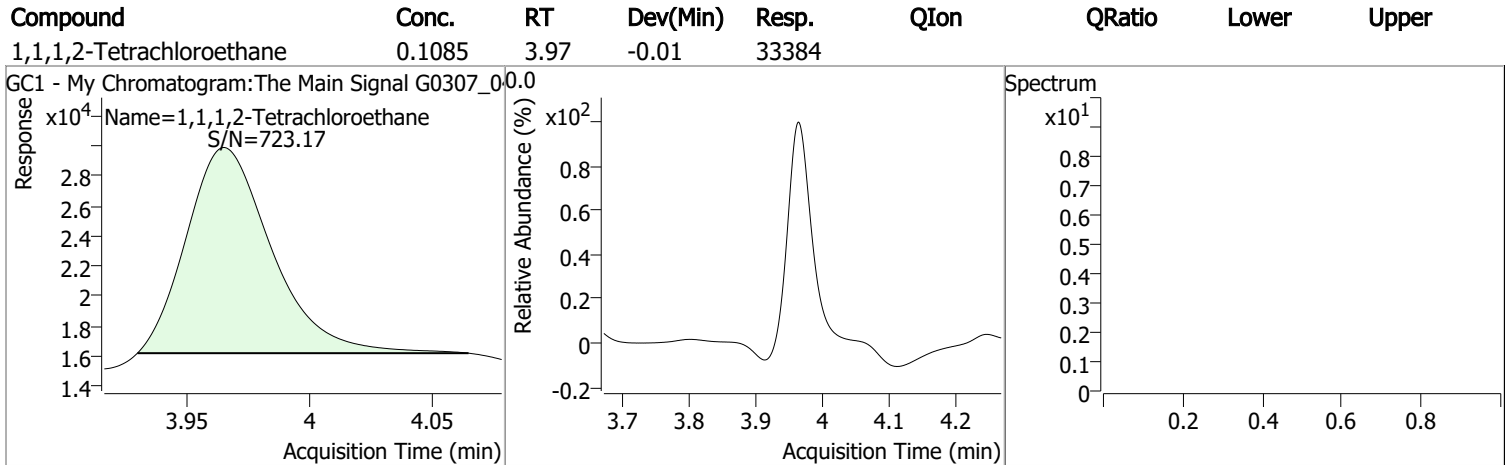
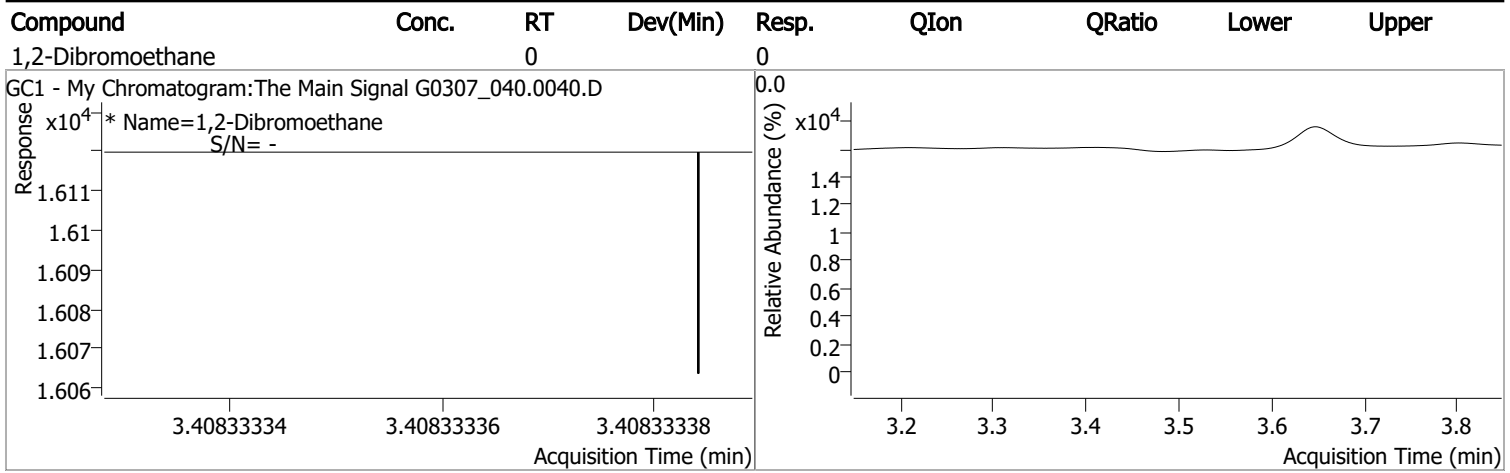
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.965	0.0	33384	0.1085	µg/L	-0.006
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 108.50%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.408	0.0	0	µg/L	md	QValue 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

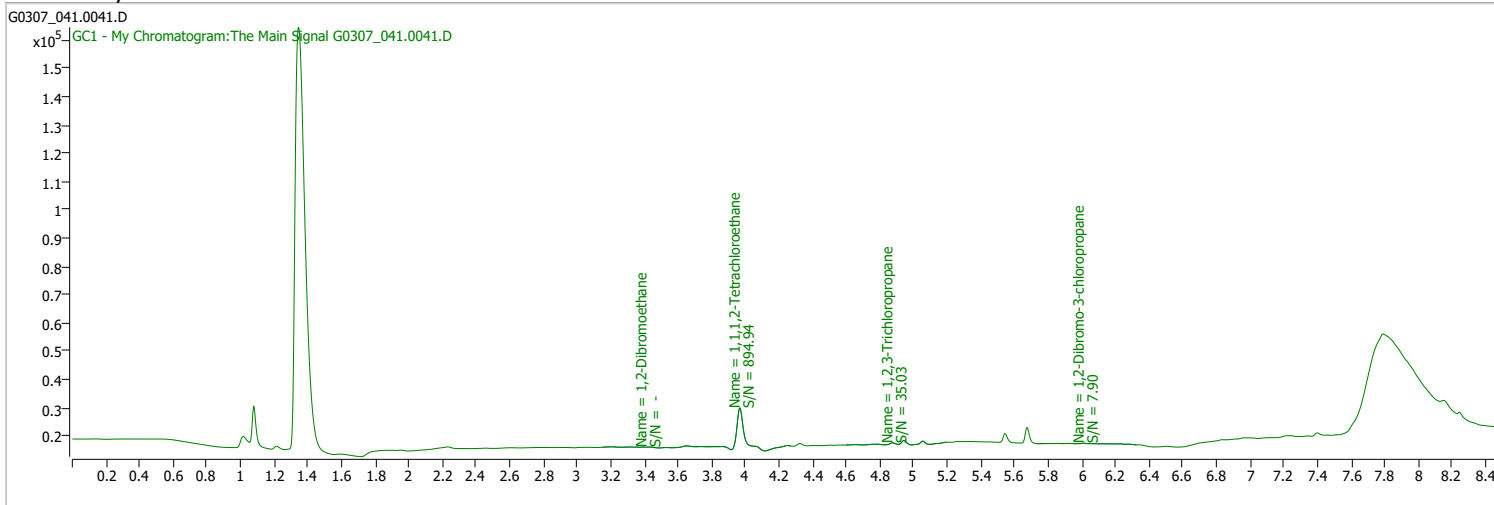
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_041.0041.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/8/2022 12:56:42 AM
Sample Name	B22030244-035A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

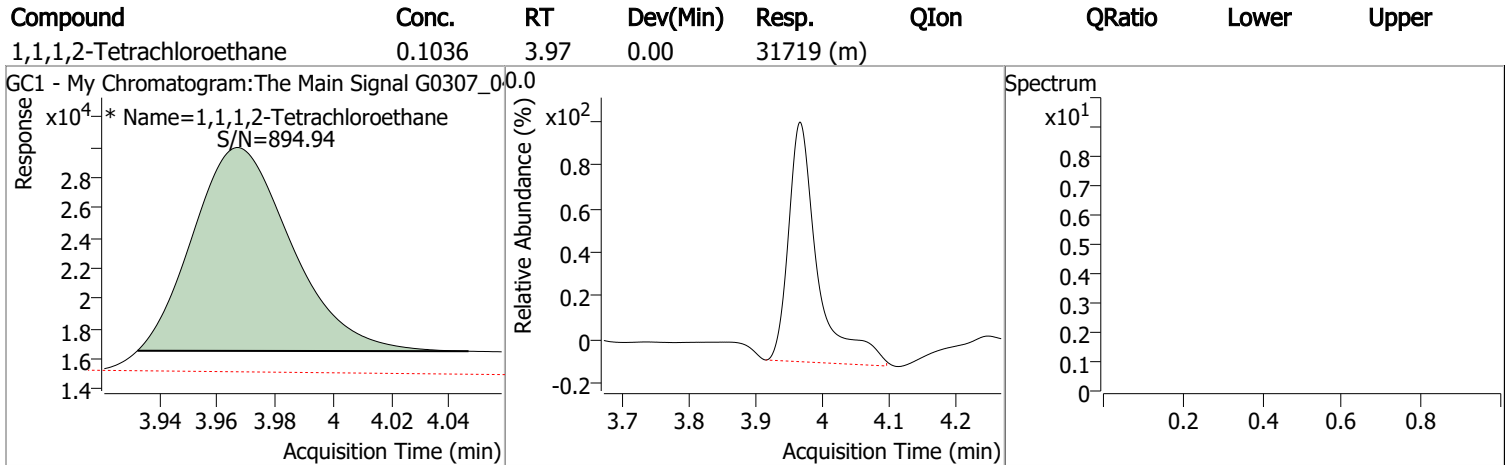
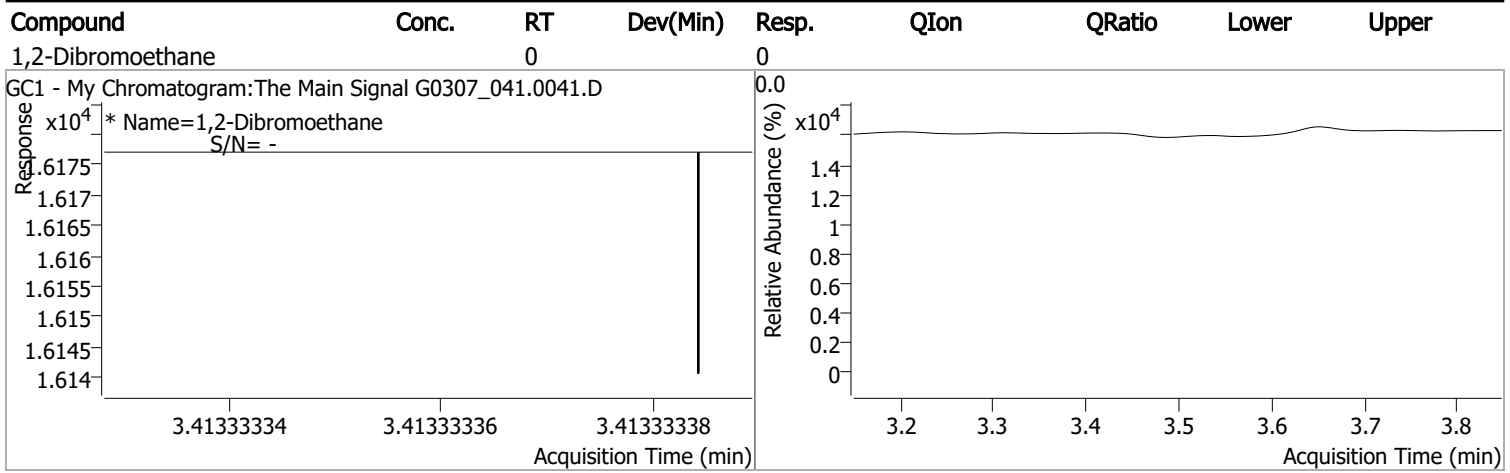
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.967	0.0	31719	0.1036	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 103.56%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.413	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

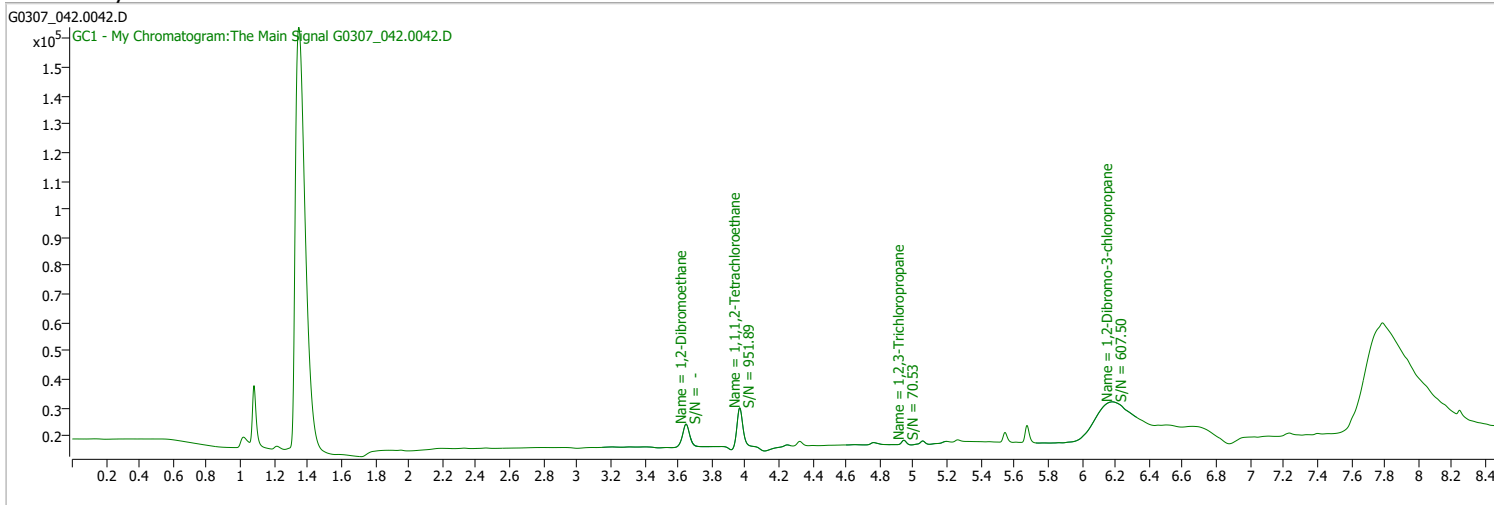
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_042.0042.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/8/2022 1:16:31 AM
Sample Name	B22030244-037G	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

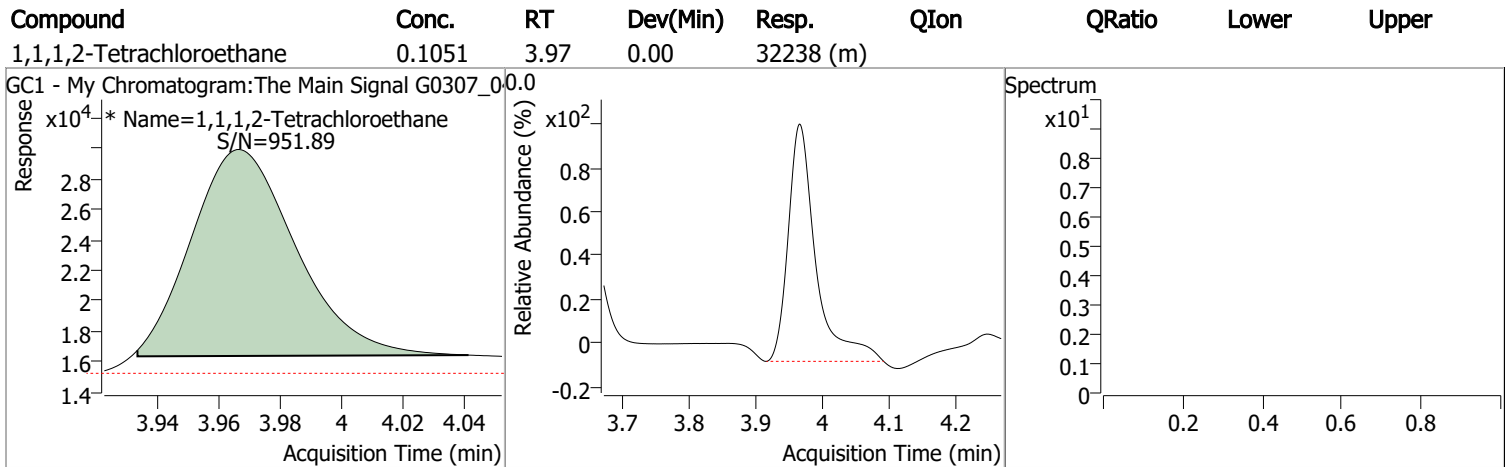
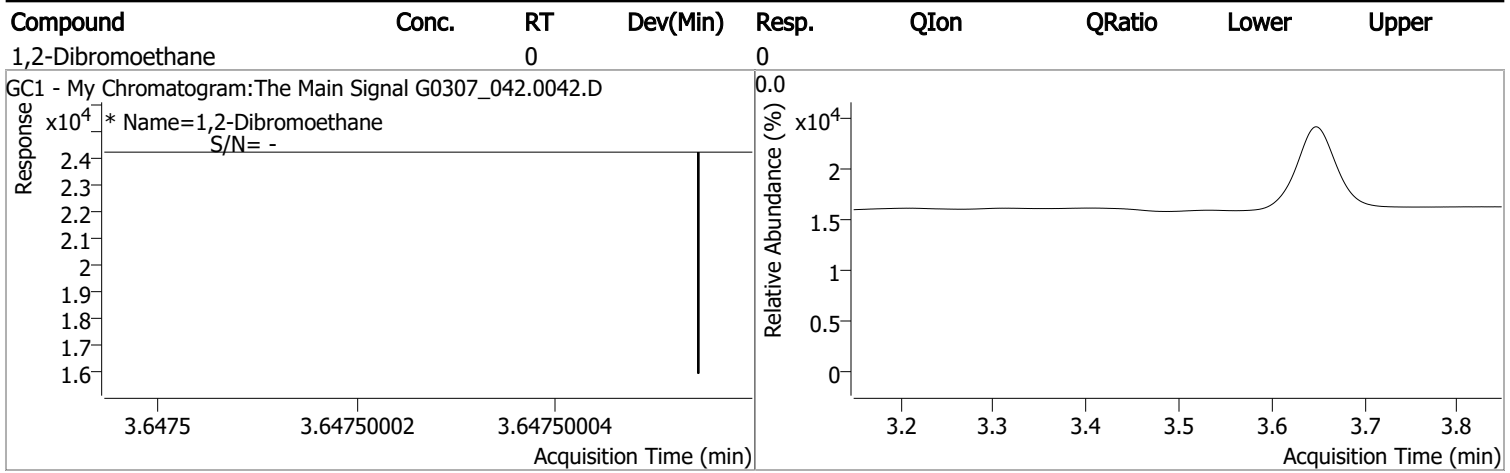
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.967	0.0	32238	0.1051	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 105.10%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.648	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

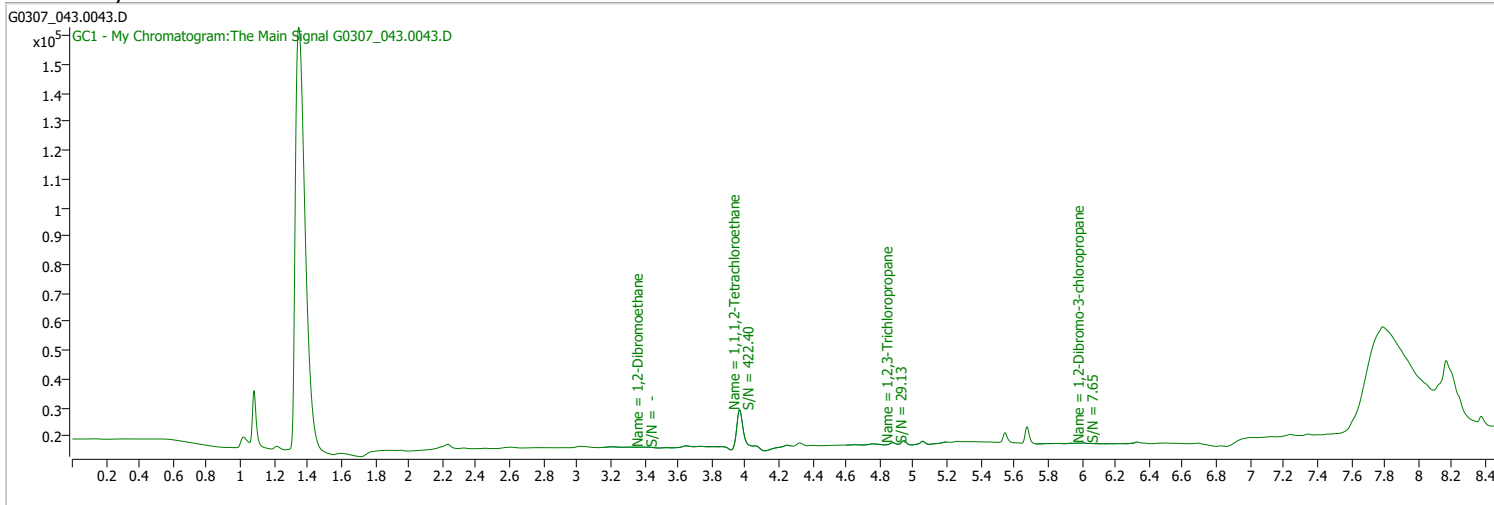
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_043.0043.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/8/2022 1:36:28 AM
Sample Name	B22030244-040A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

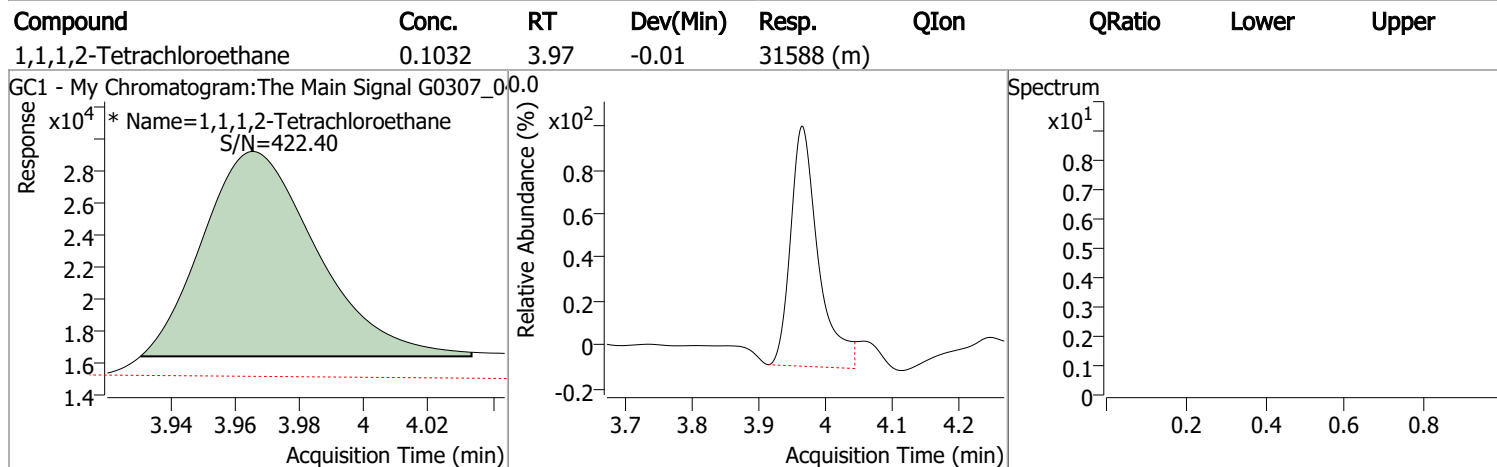
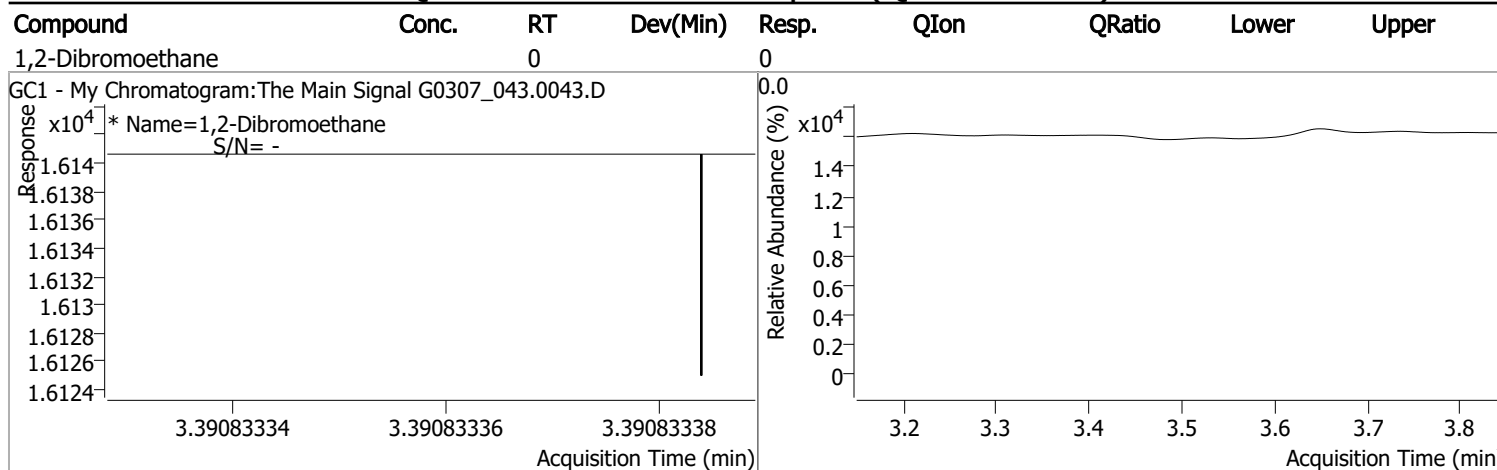
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.966	0.0	31588	0.1032	µg/L	m
Spiked Amount: 0.100			Range: 70.0 - 130.0%		Recovery = 103.17%	
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.391	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

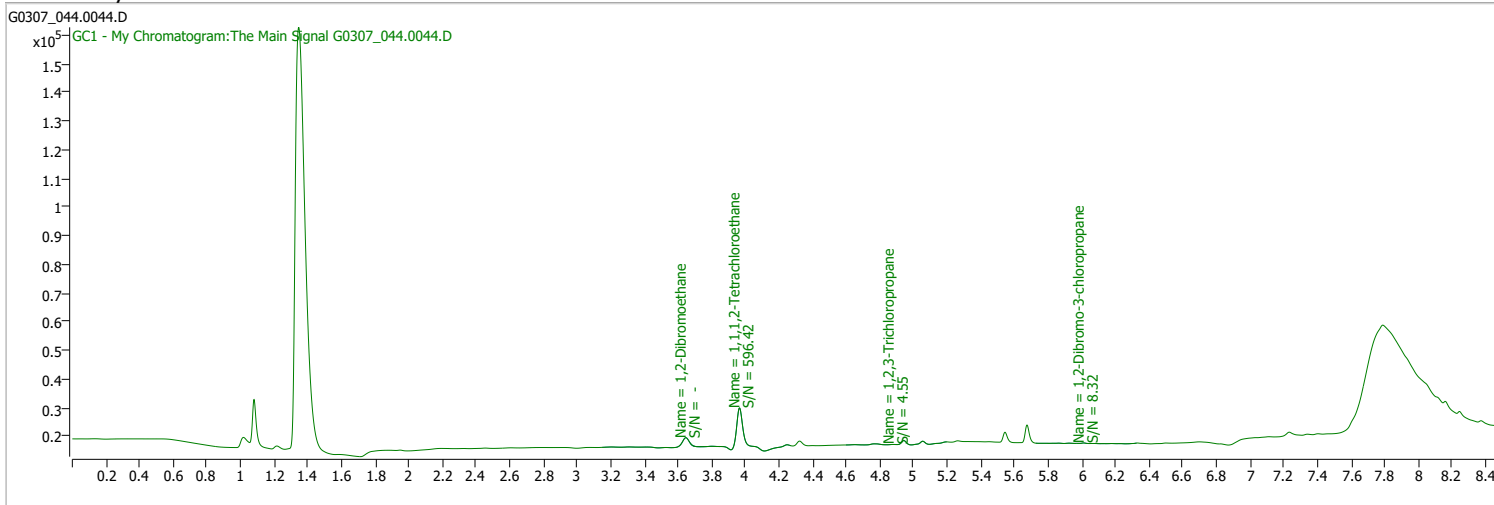




# Quantitation Results Report (QT Reviewed)

Data File	G0307_044.0044.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/8/2022 1:56:08 AM
Sample Name	B22030244-042G	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

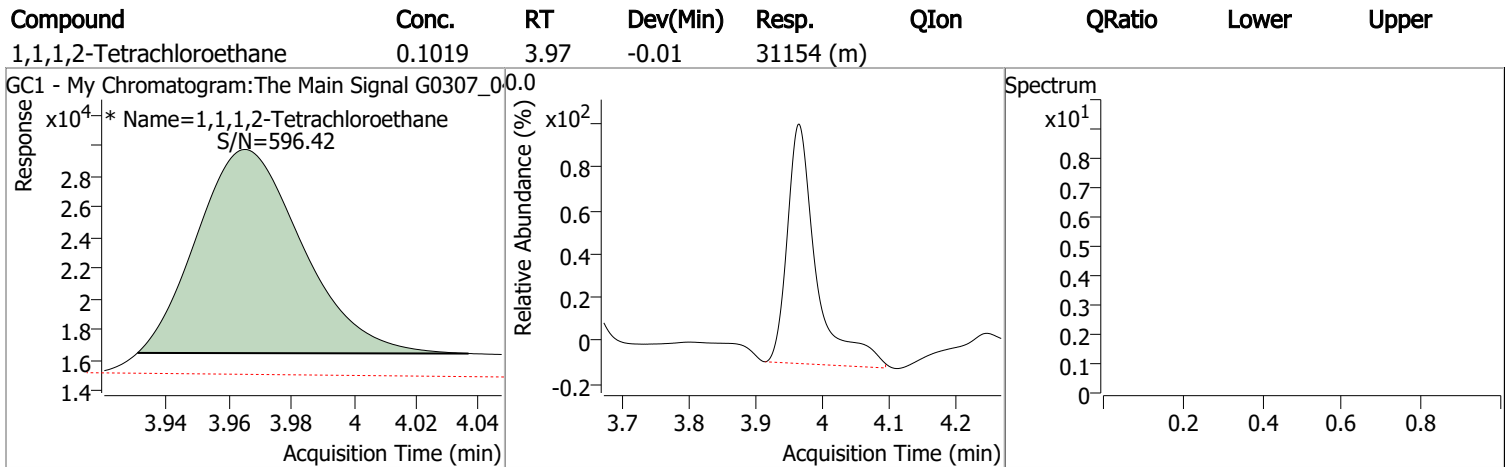
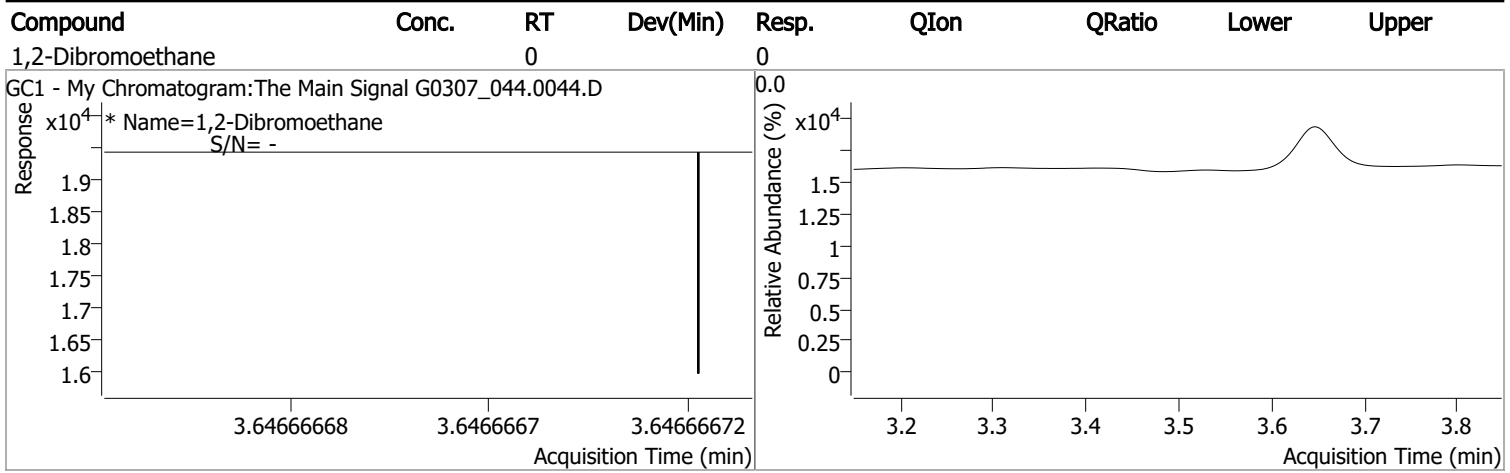
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.965	0.0	31154	0.1019	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 101.88%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.647	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

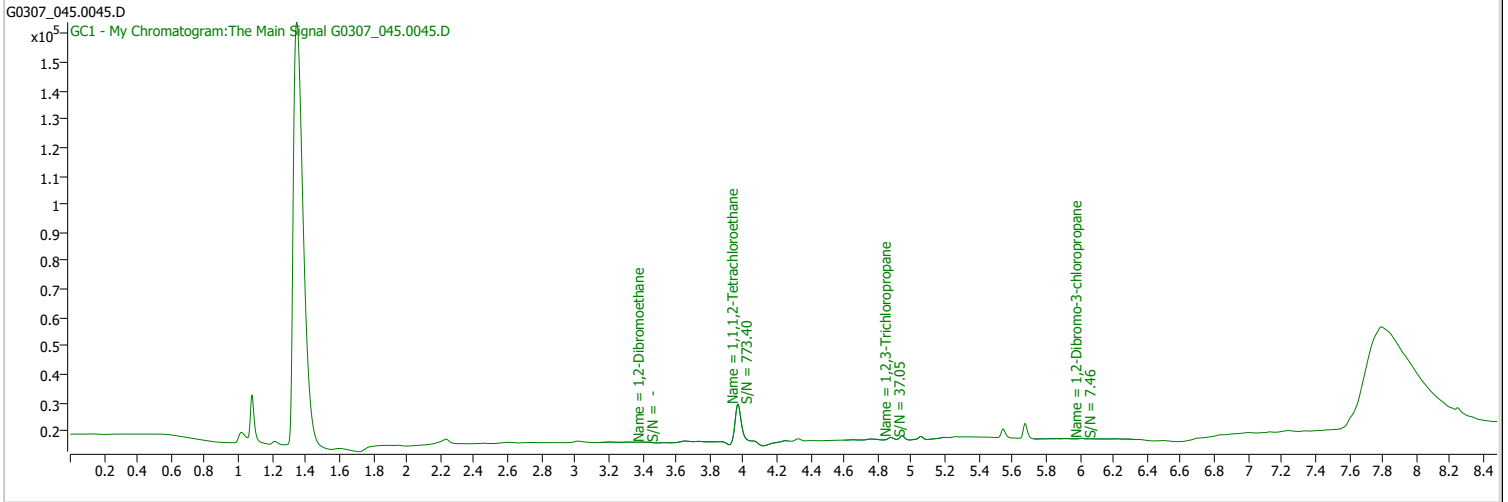
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_045.0045.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/8/2022 2:15:59 AM
Sample Name	B22030244-045A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

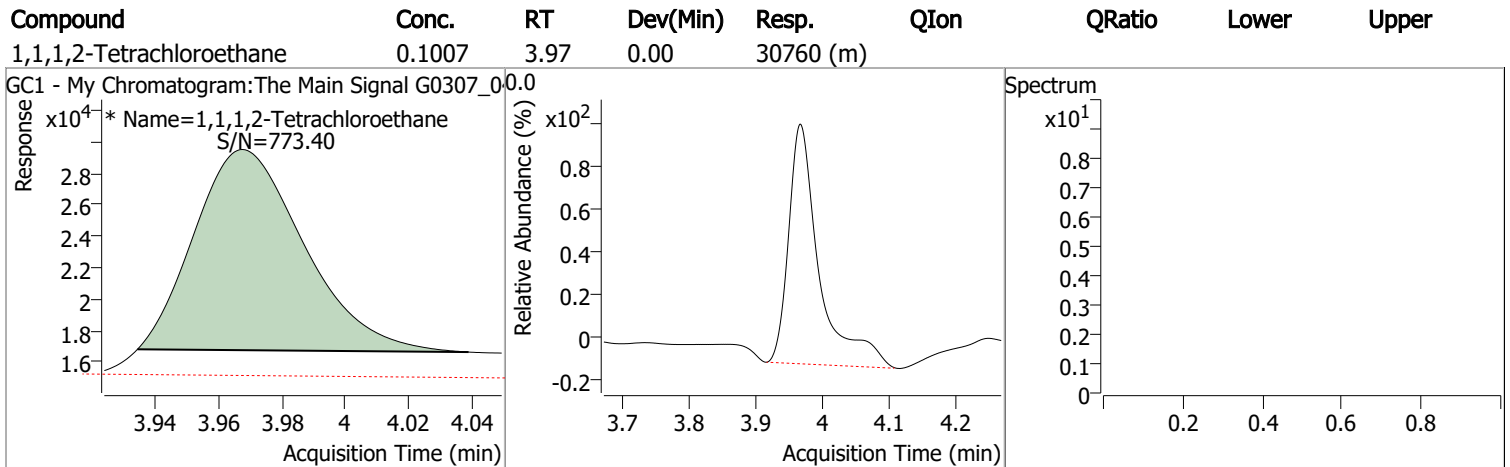
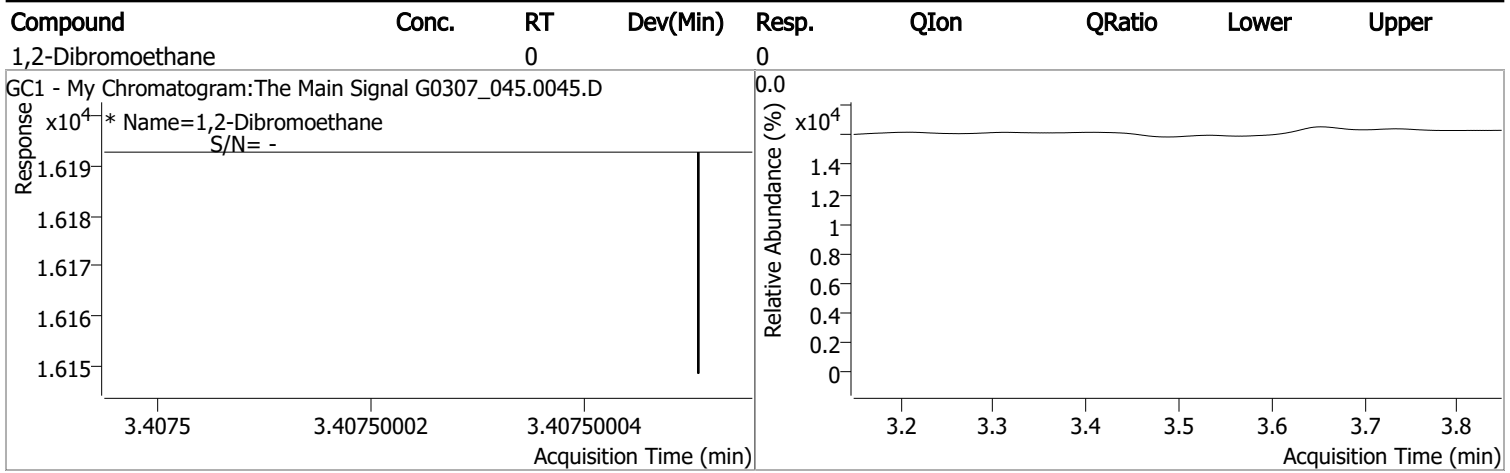
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	30760	0.1007	µg/L	m
Spiked Amount: 0.100				Range: 70.0 - 130.0% Recovery = 100.71%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.408	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

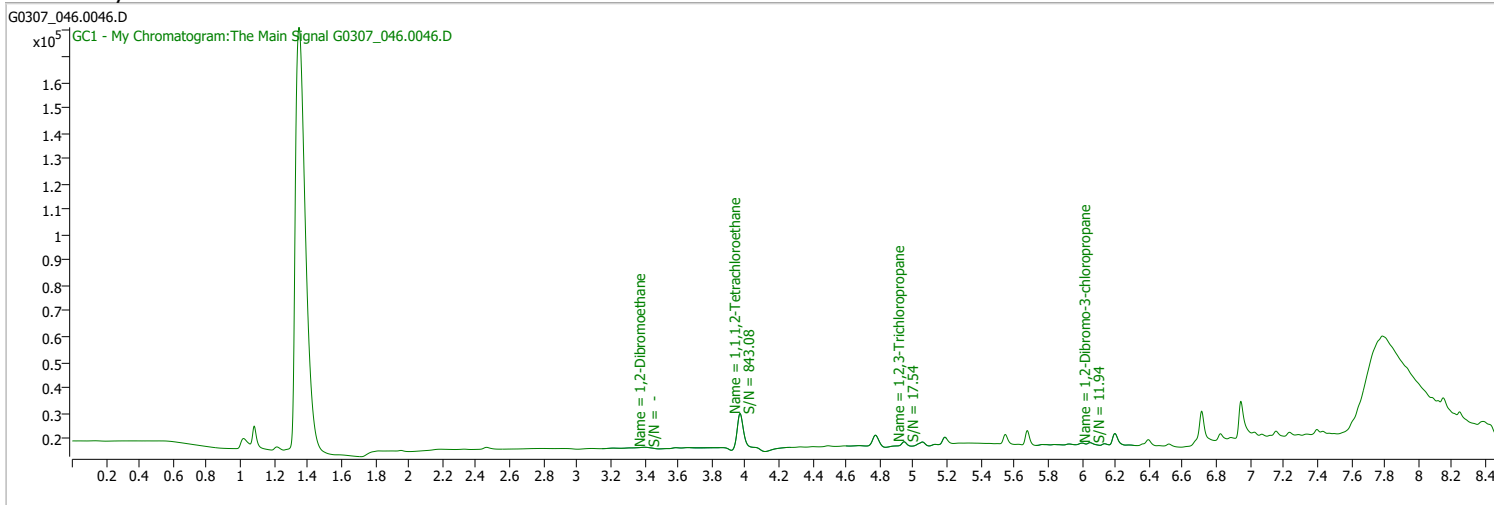
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_046.0046.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/8/2022 2:35:53 AM
Sample Name	B22030244-047G	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

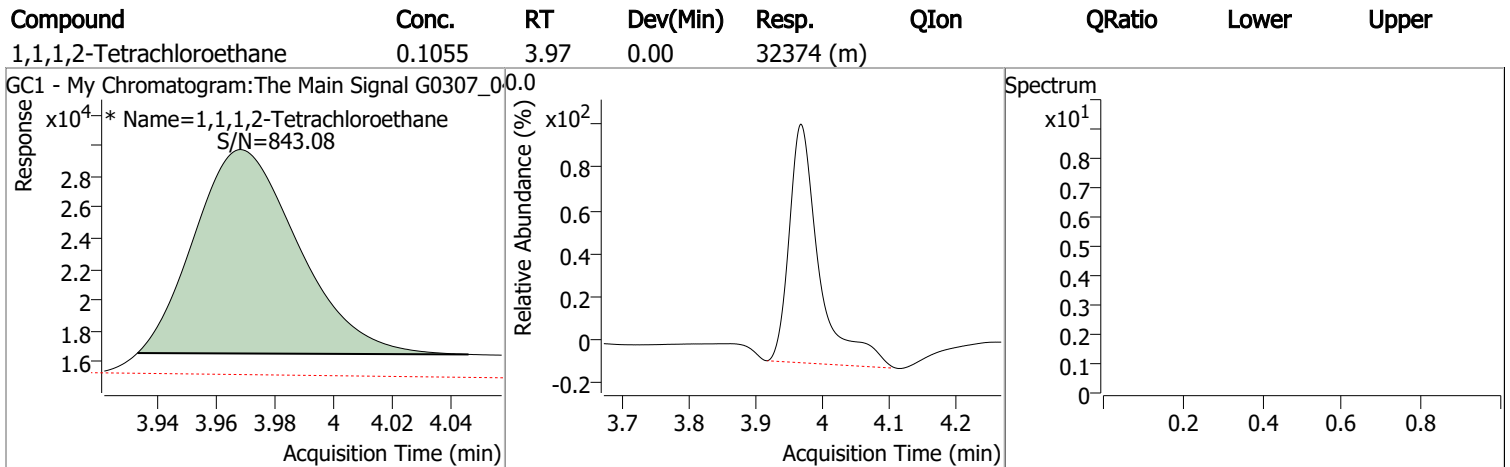
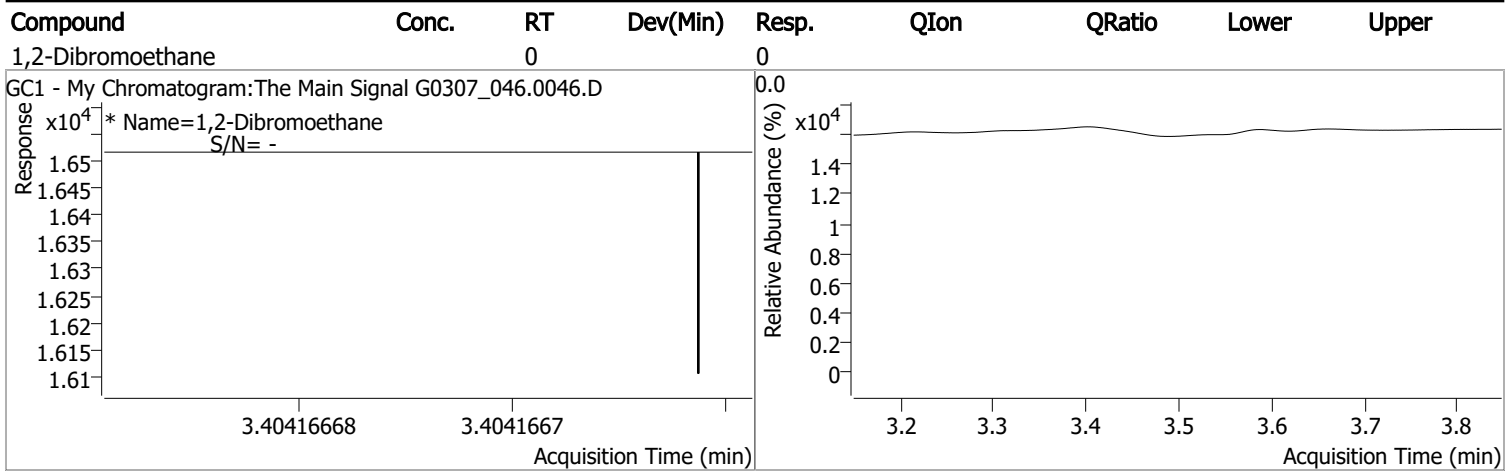
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	32374	0.1055	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 105.51%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.404	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

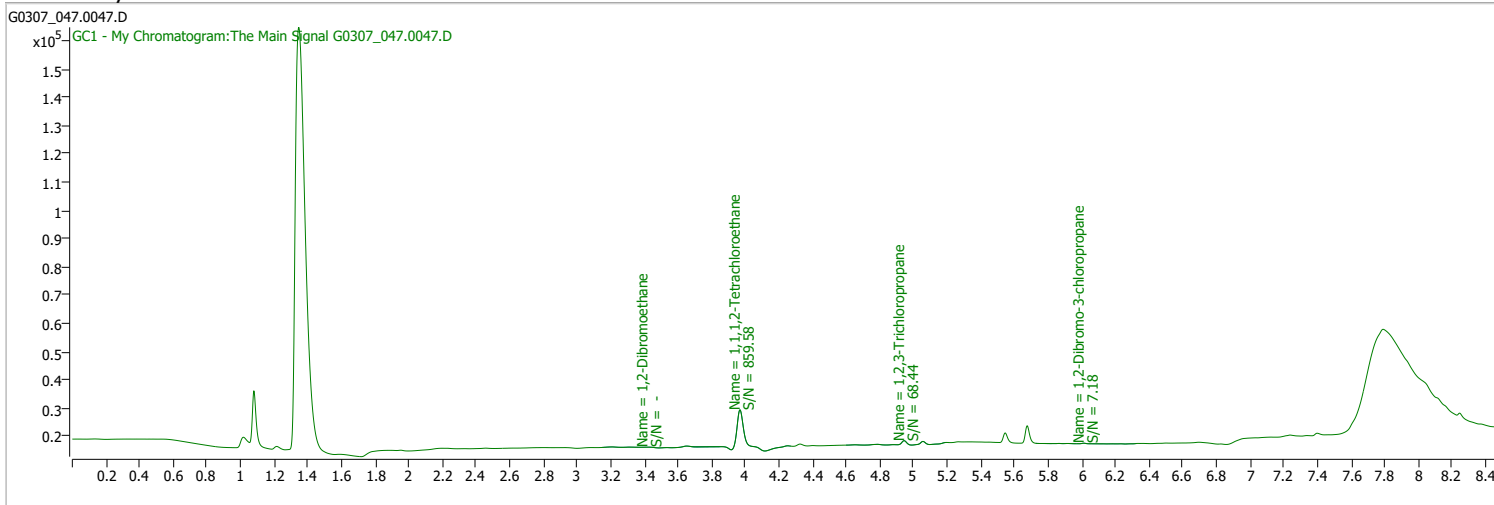
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_047.0047.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/8/2022 2:55:48 AM
Sample Name	B22030244-050A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

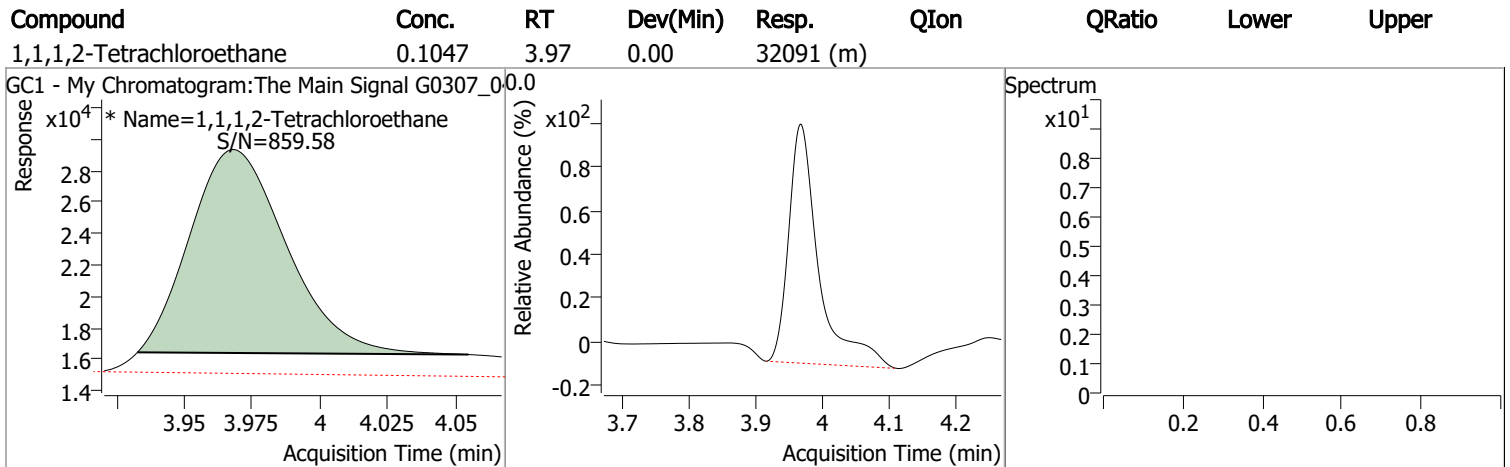
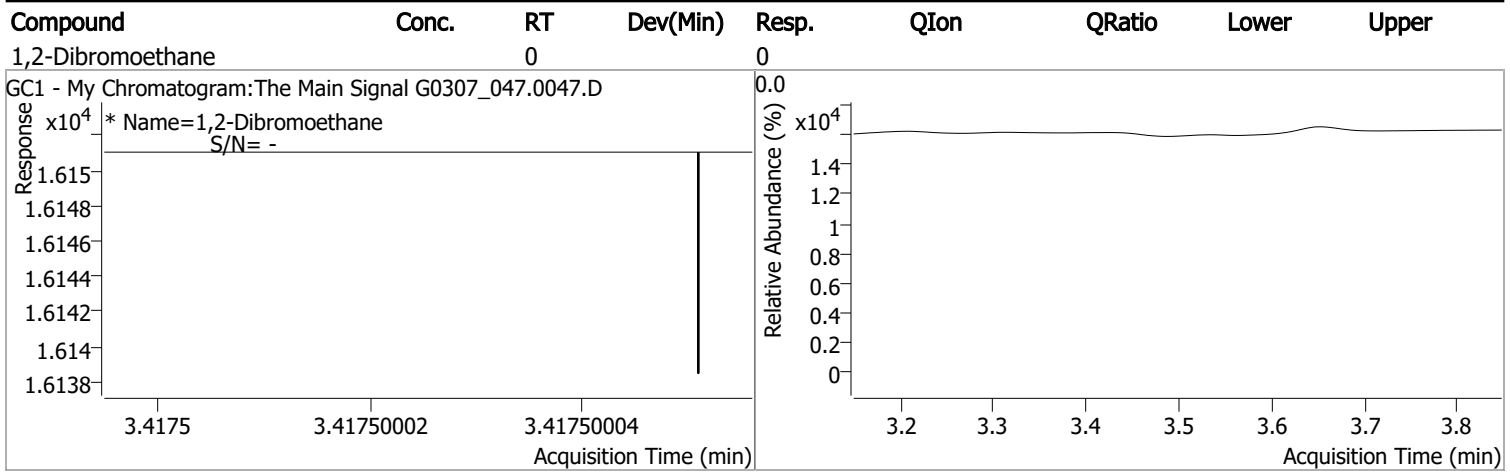
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	32091	0.1047	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 104.67%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.418	0.0	0		µg/L	md
						<b>QValue</b> 1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

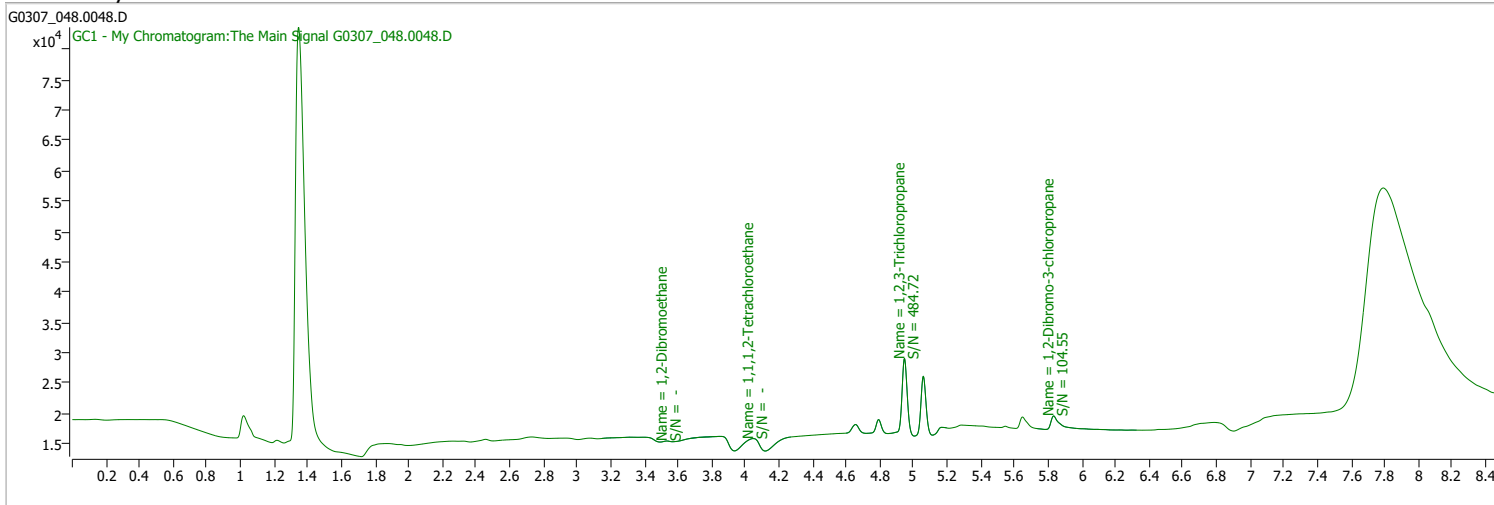




# Quantitation Results Report (QT Reviewed)

Data File	G0307_048.0048.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/8/2022 3:15:28 AM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

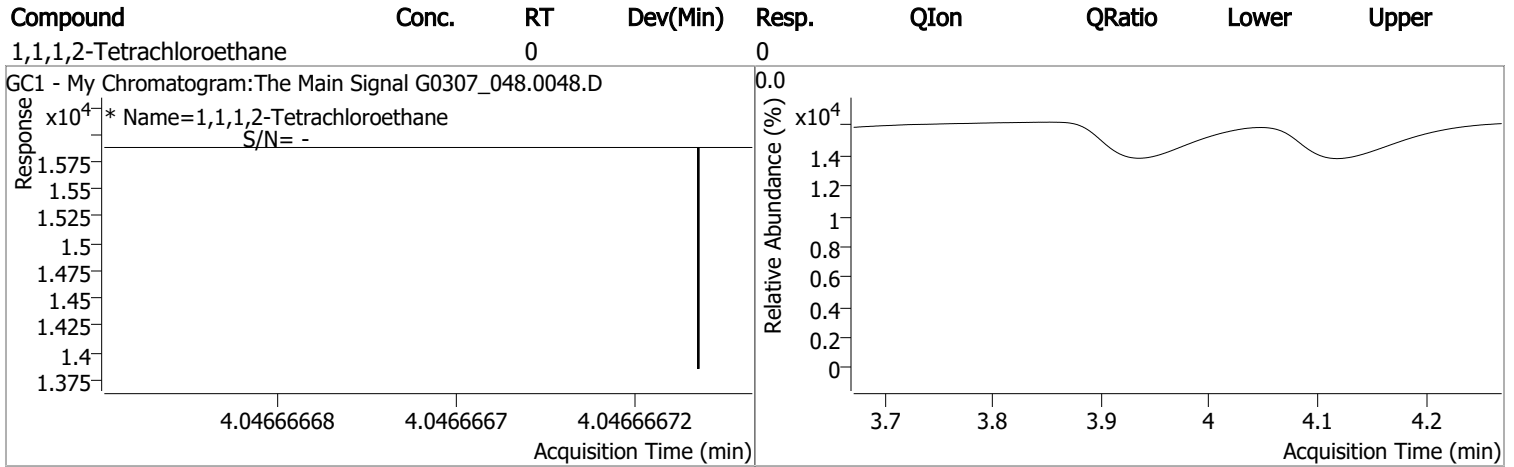
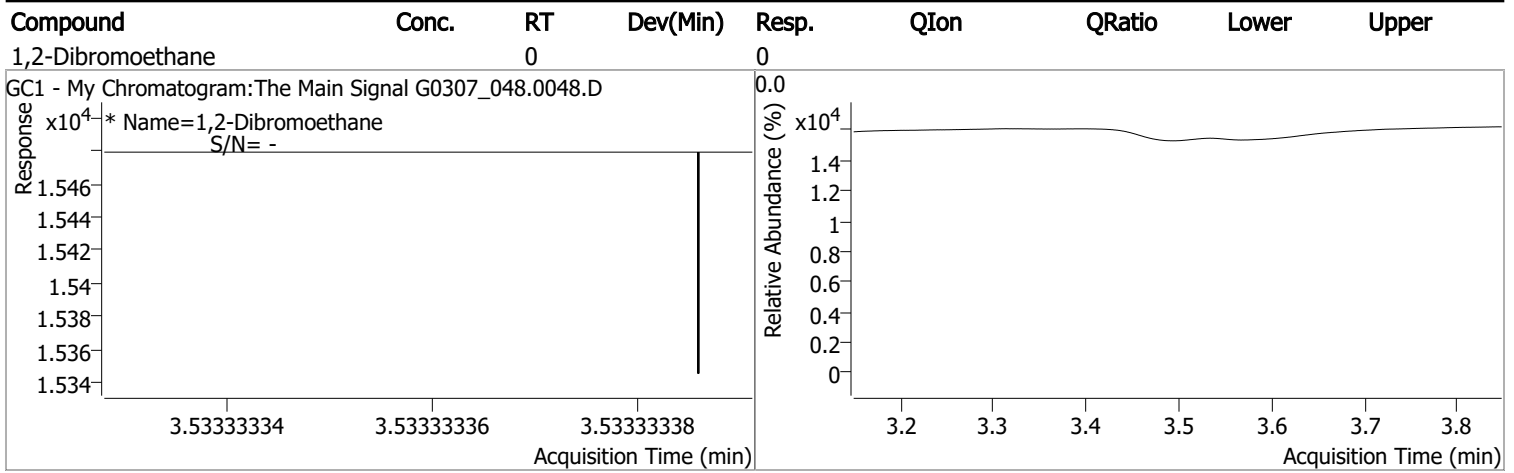
**Ref Library**



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	4.047	0.0	0		µg/L	md
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.533	0.0	0		µg/L	md
						<b>QValue</b>
						1

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

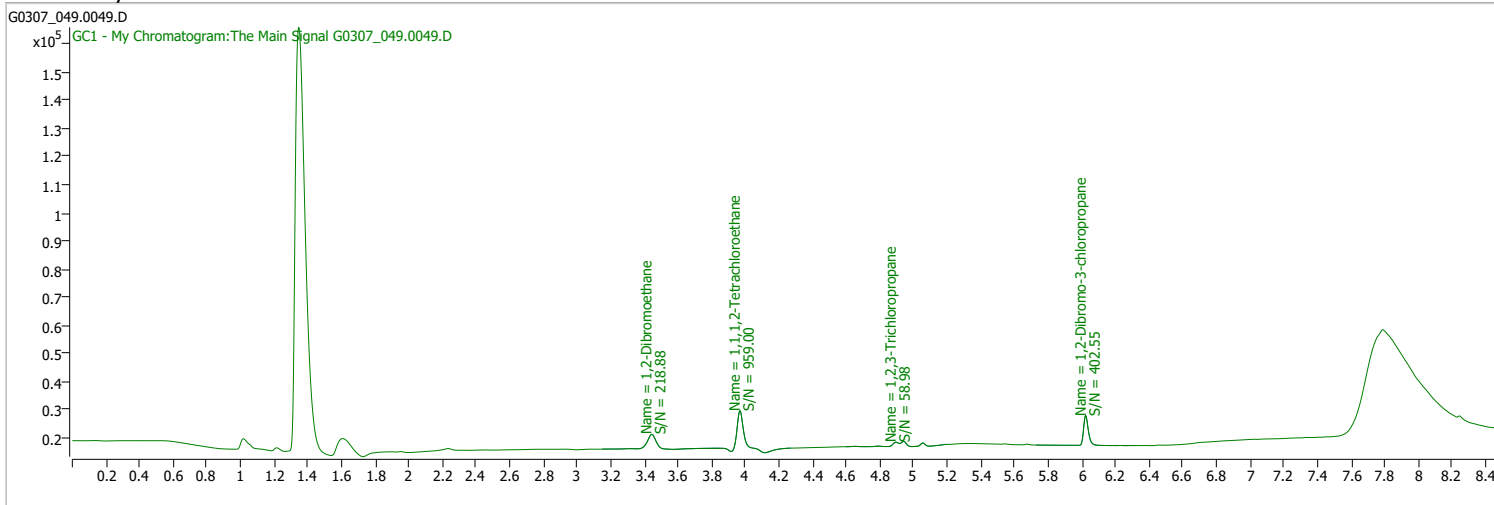
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

Data File	G0307_049.0049.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	3/8/2022 3:35:14 AM
Sample Name	CAL3-164256	Instrument	WJB
Vial		Multiplier	1.00
DA Method File		Comment	
Tune File		Tune Date	
Batch Name	G030722_8011_W_CLT.batch.bin	Last Calib Update	3/9/2022 9:22:16 AM

**Ref Library**

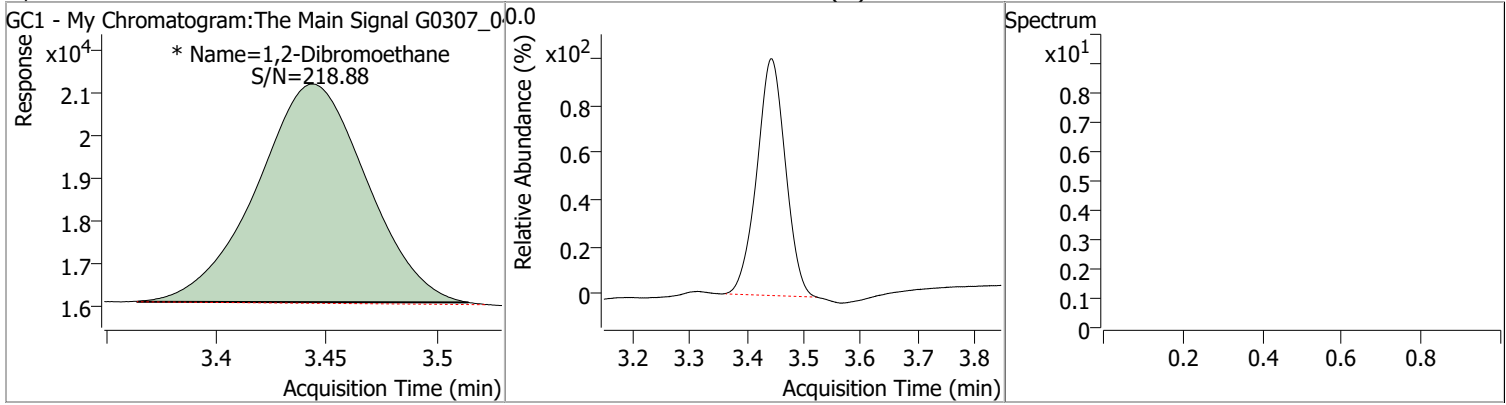


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
<b>System Monitoring Compounds</b>						
S 1,1,1,2-Tetrachloroethane	3.968	0.0	32947	0.1072	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 107.21%		
<b>Target Compounds</b>						
M 1,2-Dibromoethane	3.443	0.0	17811	0.1196	µg/L	m
						<b>QValue</b> 100

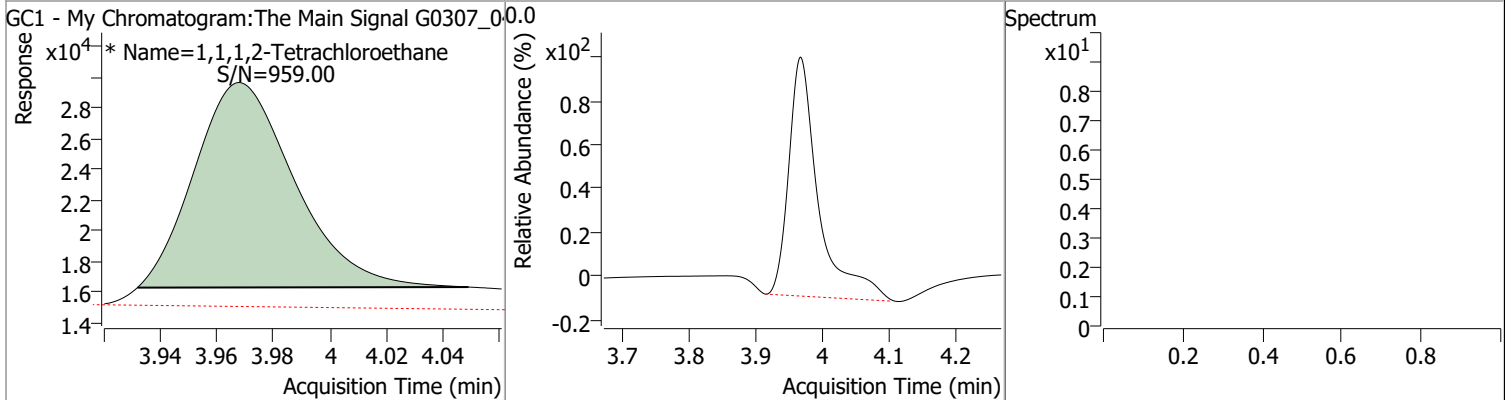
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1196	3.44	-0.01	17811 (m)				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1072	3.97	0.00	32947 (m)				



# Audit Trail report

**Batch name and path:** \\MASSHUNTER\Org\Data\GEC.D.I\G030722\aiexport\QuantResults\G030722\_8011\_W\_CLT.batch.bin  
**Quant batch version:** 10.0  
**Quant reporting version:** 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\ctran	3/7/2022 12:50:31 PM	Create new batch \\MASSHUNTER\Org\Data\GEC.D.I\G030722\aiexport\G030722_8011_W_CLT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	3/7/2022 12:51:20 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\GEC.D.I\G030722\aiexport\G0307_004.0004.D, \\MASSHUNTER\Org\Data\GEC.D.I\G030722\aiexport\G0307_003.0003.D, \\MASSHUNTER\Org\Data\GEC.D.I\G030722\aiexport\G0307_002.0002.D, \\MASSHUNTER\Org\Data\GEC.D.I\G030722\aiexport\G0307_001.0001.D			✓	
CmdStartMethodEditing	BL2000\ctran	3/7/2022 12:51:31 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\ctran	3/7/2022 12:51:32 PM	Import method from file \\MASSHUNTER\Org\Data\GEC.D.I\GEC.D_methods\G022422_8011_W_CLT.m			✓	
CmdSaveMethodAs	BL2000\ctran	3/7/2022 12:51:37 PM	Save method to file \\MASSHUNTER\Org\Data\GEC.D.I\GEC.D_methods\G022422_8011_W_CLT.m			✓	
CmdApplyMethodToAllSamples	BL2000\ctran	3/7/2022 12:51:41 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\ctran	3/7/2022 12:51:41 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\ctran	3/7/2022 12:51:42 PM	End method editing			✓	
CmdQuantitate	BL2000\ctran	3/7/2022 12:51:42 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	3/7/2022 12:52:01 PM	Set SampleType = CC for sample G0307_004.0004.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/7/2022 12:52:04 PM	Set LevelName = 6 for sample G0307_004.0004.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/7/2022 12:52:06 PM	Set LevelName = 5 for sample G0307_004.0004.D; previous value = 6			✓	
CmdSetSampleAttribute	BL2000\ctran	3/7/2022 12:52:15 PM	Set LevelName = 6 for sample G0307_004.0004.D; previous value = 5			✓	
CmdQuantitate	BL2000\ctran	3/7/2022 12:52:17 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	3/7/2022 12:52:20 PM	Set SampleType = CC for sample G0307_003.0003.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/7/2022 12:52:22 PM	Set LevelName = 5 for sample G0307_003.0003.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	3/7/2022 12:52:23 PM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\ctran	3/7/2022 12:52:30 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantResults\G030722_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	3/8/2022 8:32:54 AM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G030722_8011_W_CLT.batch.bin			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\ctran	3/8/2022 8:33:21 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_049.0049.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_048.0048.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_047.0047.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_046.0046.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_045.0045.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_044.0044.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_043.0043.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_042.0042.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_041.0041.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_040.0040.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_039.0039.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_038.0038.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_037.0037.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_036.0036.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_035.0035.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_034.0034.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_033.0033.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_032.0032.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_031.0031.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_030.0030.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_029.0029.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_028.0028.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_027.0027.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_026.0026.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_025.0025.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_024.0024.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_023.0023.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_022.0022.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_021.0021.D,			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			\\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_020.0020.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_019.0019.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_018.0018.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_017.0017.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_016.0016.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_015.0015.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_014.0014.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_013.0013.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_012.0012.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_011.0011.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_010.0010.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_009.0009.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_008.0008.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_007.0007.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_006.0006.D, \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G0307_005.0005.D				
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:33:36 AM	Set SampleType = DoubleBlank for sample G0307_006.0006.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:33:41 AM	Set SampleType = Sample for sample G0307_003.0003.D; previous value = CC			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:33:43 AM	Set SampleType = Sample for sample G0307_004.0004.D; previous value = CC			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:33:49 AM	Set SampleType = Calibration for sample G0307_007.0007.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:33:51 AM	Set LevelName = 1 for sample G0307_007.0007.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:33:53 AM	Set SampleType = Calibration for sample G0307_008.0008.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:33:56 AM	Set LevelName = 7 for sample G0307_008.0008.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:33:58 AM	Set SampleType = Calibration for sample G0307_009.0009.D; previous value = Sample			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:02 AM	Set LevelName = 2 for sample G0307_009.0009.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:04 AM	Set SampleType = Calibration for sample G0307_010.0010.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:07 AM	Set LevelName = 3 for sample G0307_010.0010.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:09 AM	Set SampleType = Calibration for sample G0307_011.0011.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:11 AM	Set LevelName = 4 for sample G0307_011.0011.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:13 AM	Set SampleType = Calibration for sample G0307_012.0012.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:15 AM	Set LevelName = 5 for sample G0307_012.0012.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:18 AM	Set SampleType = Calibration for sample G0307_013.0013.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:21 AM	Set LevelName = 6 for sample G0307_013.0013.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	3/8/2022 8:34:26 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:29 AM	Set SampleType = DoubleBlank for sample G0307_014.0014.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:31 AM	Set SampleType = QC for sample G0307_015.0015.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:34 AM	Set LevelName = LCS for sample G0307_015.0015.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:36 AM	Set SampleType = CC for sample G0307_016.0016.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:38 AM	Set LevelName = 3 for sample G0307_016.0016.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:41 AM	Set SampleType = Blank for sample G0307_017.0017.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:43 AM	Set SampleType = QC for sample G0307_018.0018.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:46 AM	Set LevelName = LCS for sample G0307_018.0018.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:49 AM	Set SampleType = QC for sample G0307_019.0019.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:34:55 AM	Set LevelName = LCS1 for sample G0307_019.0019.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:35:04 AM	Set SampleType = DoubleBlank for sample G0307_022.0022.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:35:12 AM	Set SampleType = MatrixBlank for sample G0307_032.0032.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:35:14 AM	Set SampleType = Matrix for sample G0307_033.0033.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:35:16 AM	Set SampleType = MatrixDup for sample G0307_034.0034.D; previous value = Sample			✓	
CmdZeroOutPeak	BL2000\ctran	3/8/2022 8:35:22 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_032.0032.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:35:30 AM	Set MatrixSpikeGroup = G02441 for sample G0307_032.0032.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:35:31 AM	Set MatrixSpikeGroup = G02441 for sample G0307_033.0033.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:35:32 AM	Set MatrixSpikeGroup = G02441 for sample G0307_034.0034.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:35:37 AM	Set SampleType = DoubleBlank for sample G0307_035.0035.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:35:39 AM	Set SampleType = DoubleBlank for sample G0307_037.0037.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:35:41 AM	Set SampleType = CC for sample G0307_036.0036.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:35:44 AM	Set LevelName = 5 for sample G0307_036.0036.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:35:47 AM	Set SampleType = DoubleBlank for sample G0307_048.0048.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:35:49 AM	Set SampleType = CC for sample G0307_049.0049.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 8:35:54 AM	Set LevelName = 3 for sample G0307_049.0049.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	3/8/2022 8:35:55 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:36:11 AM	Manually integrate compound 1,2-Dibromoethane in sample G0307_007.0007.D, from x, y = 3.382, 16366 to 3.472, 16366, result = 1351; previous integration is from x, y = 3.382, 16366 to 3.495, 16109 and previous response = 2051.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:36:14 AM	Manually integrate compound 1,2-Dibromoethane in sample G0307_007.0007.D, from x, y = 3.382, 16366 to 3.478, 16360, result = 1377; previous integration is from x, y = 3.382, 16366 to 3.472, 16366 and previous response = 1351.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 8:36:17 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G0307_007.0007.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:36:22 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_007.0007.D, from x, y = 3.963, 16485 to 4.012, 16449, result = 887; previous integration is from x, y = 3.941, 15188 to 4.012, 16449 and previous response = 2745.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 8:36:23 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_007.0007.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:36:28 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_008.0008.D, from x, y = 3.955, 16541 to 4.044, 16495, result = 3523; previous integration is from x, y = 3.930, 15167 to 4.118, 14956 and previous response = 16035.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 8:36:29 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_008.0008.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:36:41 AM	Manually integrate compound 1,2-Dibromoethane in sample G0307_008.0008.D, from x, y = 3.381, 16371 to 3.486, 16319, result = 3063; previous integration is from x, y = 3.381, 16371 to 3.505, 16153 and previous response = 3556.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:36:48 AM	Manually integrate compound 1,2-Dibromoethane in sample G0307_009.0009.D, from x, y = 3.373, 16272 to 3.512, 16120, result = 8196; previous integration is from x, y = 3.373, 16272 to 3.494, 16334 and previous response = 7422.			✓	
CmdClearManualIntegration	BL2000\ctran	3/8/2022 8:36:52 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0307_008.0008.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:37:04 AM	Manually integrate compound 1,2-Dibromoethane in sample G0307_012.0012.D, from x, y = 3.365, 16301 to 3.545, 16161, result = 56705; previous integration is from x, y = 3.365, 16301 to 3.516, 16398 and previous response = 55604.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:37:16 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_009.0009.D, from x, y = 3.944, 16620 to 4.051, 16458, result = 12967; previous integration is from x, y = 3.925, 15219 to 4.117, 14885 and previous response = 26099.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 8:37:17 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_009.0009.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:37:21 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_010.0010.D, from x, y = 3.936, 16422 to 4.047, 16568, result = 30077; previous integration is from x, y = 3.920, 14902 to 4.111, 14902 and previous response = 45423.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 8:37:22 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_010.0010.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:37:30 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_011.0011.D, from x, y = 3.929, 16740 to 4.053, 16552, result = 63305; previous integration is from x, y = 3.916, 15455 to 4.088, 14987 and previous response = 76490.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:37:34 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_012.0012.D, from x, y = 3.925, 17125 to 4.057, 16677, result = 137858; previous integration is from x, y = 3.918, 15941 to 4.088, 15053 and previous response = 150783.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	3/8/2022 8:37:40 AM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0307_013.0013.D, from x = 3.913 to x = 4.098, new integration is from x, y = 3.913, 16141 to 4.098, 15406 and new response = 367043; previous integration is from x, y = 3.913, 15822 to 4.098, 15067 and previous response = 370694.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdClearManualIntegration	BL2000\ctran	3/8/2022 8:37:43 AM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0307_013.0013.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:37:48 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_013.0013.D, from x, y = 3.916, 16625 to 4.074, 16526, result = 359034; previous integration is from x, y = 3.913, 15822 to 4.098, 15067 and previous response = 370694.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 8:37:50 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_013.0013.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:38:01 AM	Manually integrate compound 1,2-Dibromoethane in sample G0307_007.0007.D, from x, y = 3.372, 16354 to 3.478, 16328, result = 1514; previous integration is from x, y = 3.382, 16366 to 3.478, 16360 and previous response = 1377.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\ctran	3/8/2022 8:38:14 AM	Replace level 6 with Calibration sample G0307_013.0013.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 5 with Calibration sample G0307_012.0012.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 4 with Calibration sample G0307_011.0011.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 3 with Calibration sample G0307_010.0010.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 2 with Calibration sample G0307_009.0009.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 7 with Calibration sample G0307_008.0008.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 1 with Calibration sample G0307_007.0007.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane};			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\ctran	3/8/2022 8:38:39 AM	Replace level 6 with Calibration sample G0307_013.0013.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 5 with Calibration sample G0307_012.0012.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 4 with Calibration sample G0307_011.0011.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 3 with Calibration sample G0307_010.0010.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 2 with Calibration sample G0307_009.0009.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 7 with Calibration sample G0307_008.0008.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 1 with Calibration sample G0307_007.0007.D for compounds {1,2-Dibromo-3-chloropropane, 1,2,3-Trichloropropane, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane};			✓	
CmdQuantitate	BL2000\ctran	3/8/2022 8:38:42 AM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\ctran	3/8/2022 8:38:58 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	3/8/2022 8:38:59 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantResults\G030722_8011_W_CLT.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:39:05 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_015.0015.D, from x, y = 3.933, 16385 to 4.053, 16396, result = 30283; previous integration is from x, y = 3.918, 15285 to 4.108, 14843 and previous response = 42622.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:40:10 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_016.0016.D, from x, y = 3.932, 16464 to 4.055, 16375, result = 30810; previous integration is from x, y = 3.916, 15292 to 4.097, 14877 and previous response = 43240.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:40:16 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_018.0018.D, from x, y = 3.928, 16440 to 4.053, 16427, result = 30801; previous integration is from x, y = 3.916, 15323 to 4.112, 14858 and previous response = 43338.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:40:19 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_018.0018.D, from x, y = 3.933, 16325 to 4.053, 16427, result = 31251; previous integration is from x, y = 3.928, 16440 to 4.053, 16427 and previous response = 30801.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:40:23 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_019.0019.D, from x, y = 3.931, 16734 to 4.052, 16391, result = 29963; previous integration is from x, y = 3.925, 15858 to 4.095, 14959 and previous response = 39932.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:40:52 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_024.0024.D, from x, y = 3.929, 16542 to 4.053, 16448, result = 31412; previous integration is from x, y = 3.914, 15365 to 4.105, 14918 and previous response = 44033.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:40:58 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_025.0025.D, from x, y = 3.931, 16578 to 4.048, 16568, result = 31736; previous integration is from x, y = 3.915, 15368 to 4.112, 14931 and previous response = 45102.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:41:01 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_026.0026.D, from x, y = 3.931, 16505 to 4.069, 16286, result = 33564; previous integration is from x, y = 3.916, 15474 to 4.108, 15019 and previous response = 44522.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:41:05 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_027.0027.D, from x, y = 3.931, 16464 to 4.052, 16542, result = 32078; previous integration is from x, y = 3.915, 15354 to 4.102, 14957 and previous response = 44853.			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:41:09 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_028.0028.D, from x, y = 3.933, 16440 to 4.058, 16542, result = 33291; previous integration is from x, y = 3.917, 15479 to 4.094, 15479 and previous response = 42717.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:41:13 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_029.0029.D, from x, y = 3.933, 16517 to 4.041, 16771, result = 32731; previous integration is from x, y = 3.917, 15375 to 4.047, 15130 and previous response = 42834.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:41:18 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_031.0031.D, from x, y = 3.932, 16516 to 4.043, 16719, result = 31752; previous integration is from x, y = 3.916, 15349 to 4.049, 15084 and previous response = 42126.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:41:23 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_032.0032.D, from x, y = 3.931, 16479 to 4.048, 16479, result = 30596; previous integration is from x, y = 3.913, 15281 to 4.104, 14900 and previous response = 43621.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:41:26 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_033.0033.D, from x, y = 3.931, 16365 to 4.052, 16510, result = 32766; previous integration is from x, y = 3.917, 15276 to 4.094, 15276 and previous response = 43561.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:41:57 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_036.0036.D, from x, y = 3.919, 16328 to 4.060, 16443, result = 158104; previous integration is from x, y = 3.914, 15516 to 4.078, 15928 and previous response = 164308.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:42:09 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_039.0039.D, from x, y = 3.931, 16557 to 4.050, 16495, result = 31265; previous integration is from x, y = 3.914, 15240 to 4.097, 14871 and previous response = 45155.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:42:14 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_041.0041.D, from x, y = 3.933, 16521 to 4.047, 16490, result = 31719; previous integration is from x, y = 3.915, 15234 to 4.098, 14864 and previous response = 45390.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:42:18 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_042.0042.D, from x, y = 3.933, 16331 to 4.042, 16411, result = 32238; previous integration is from x, y = 3.917, 15214 to 4.093, 15214 and previous response = 42714.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:42:22 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_043.0043.D, from x, y = 3.931, 16365 to 4.033, 16620, result = 30803; previous integration is from x, y = 3.915, 15198 to 4.045, 14973 and previous response = 40943.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:42:26 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_044.0044.D, from x, y = 3.931, 16505 to 4.037, 16464, result = 31154; previous integration is from x, y = 3.915, 15214 to 4.096, 14834 and previous response = 44612.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:42:30 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_045.0045.D, from x, y = 3.934, 16823 to 4.039, 16646, result = 30760; previous integration is from x, y = 3.917, 15256 to 4.108, 14897 and previous response = 46030.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:42:35 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_046.0046.D, from x, y = 3.933, 16583 to 4.046, 16495, result = 32374; previous integration is from x, y = 3.918, 15314 to 4.104, 14874 and previous response = 45831.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:42:38 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_047.0047.D, from x, y = 3.933, 16458 to 4.055, 16318, result = 32091; previous integration is from x, y = 3.916, 15234 to 4.108, 14813 and previous response = 44742.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:42:44 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_049.0049.D, from x, y = 3.932, 16276 to 4.049, 16313, result = 32947; previous integration is from x, y = 3.916, 15167 to 4.103, 14742 and previous response = 45421.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:42:51 AM	Manually integrate compound 1,2-Dibromoethane in sample G0307_049.0049.D, from x, y = 3.364, 16098 to 3.508, 16128, result = 17607; previous integration is from x, y = 3.364, 16098 to 3.522, 16030 and previous response = 18050.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\ctran	3/8/2022 8:42:54 AM	Drop baseline for compound 1,2-Dibromoethane in sample G0307_049.0049.D to y = 16098, new integration is from x, y = 3.364, 16098 to 3.508, 16098 and new response = 17736; previous integration is from x, y = 3.364, 16098 to 3.508, 16128 and previous response = 17607.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:43:20 AM	Manually integrate compound 1,2-Dibromoethane in sample G0307_016.0016.D, from x, y = 3.362, 16211 to 3.528, 16099, result = 16219; previous integration is from x, y = 3.362, 16211 to 3.558, 15999 and previous response = 16646.			✓	
CmdQuantitate	BL2000\ctran	3/8/2022 8:43:33 AM	Quantitate all compounds in all samples			✓	
CmdClearManualIntegration	BL2000\ctran	3/8/2022 8:44:40 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0307_049.0049.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:44:43 AM	Manually integrate compound 1,2-Dibromoethane in sample G0307_049.0049.D, from x, y = 3.364, 16098 to 3.513, 16099, result = 17741; previous integration is from x, y = 3.364, 16098 to 3.522, 16030 and previous response = 18050.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 8:44:47 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G0307_049.0049.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:44:52 AM	Manually integrate compound 1,2-Dibromoethane in sample G0307_049.0049.D, from x, y = 3.364, 16098 to 3.523, 16036, result = 18016; previous integration is from x, y = 3.364, 16098 to 3.513, 16099 and previous response = 17741.			✓	
CmdClearManualIntegration	BL2000\ctran	3/8/2022 8:44:55 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0307_049.0049.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 8:44:55 AM	Set UserAnnotation = for compound 1,2-Dibromoethane in sample G0307_049.0049.D; previous value = GT			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:45:01 AM	Manually integrate compound 1,2-Dibromoethane in sample G0307_049.0049.D, from x, y = 3.364, 16098 to 3.510, 16074, result = 17850; previous integration is from x, y = 3.364, 16098 to 3.522, 16030 and previous response = 18050.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 8:45:05 AM	Manually integrate compound 1,2-Dibromoethane in sample G0307_049.0049.D, from x, y = 3.364, 16098 to 3.514, 16083, result = 17811; previous integration is from x, y = 3.364, 16098 to 3.510, 16074 and previous response = 17850.			✓	
CmdSaveBatchTable	BL2000\ctran	3/8/2022 8:45:18 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantResults\G030722_8011_W_CLT.batch.bin			✓	
CmdQuantitate	BL2000\ctran	3/8/2022 8:45:21 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	3/8/2022 1:46:01 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantResults\G030722_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	3/8/2022 3:07:44 PM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G030722_8011_W_CLT.batch.bin			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:10:00 PM	Set SampleApproved = True for sample G0307_001.0001.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:10:01 PM	Set SampleApproved = True for sample G0307_002.0002.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:10:01 PM	Set SampleApproved = True for sample G0307_003.0003.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:10:02 PM	Set SampleApproved = True for sample G0307_004.0004.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:10:03 PM	Set SampleApproved = True for sample G0307_005.0005.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:10:27 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_006.0006.D			✓	
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:10:29 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0307_006.0006.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:10:31 PM	Set SampleApproved = True for sample G0307_006.0006.D; previous value = False			✓	
CmdStartMethodEditing	BL2000\ctran	3/8/2022 4:11:03 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\ctran	3/8/2022 4:11:03 PM	Import method from sample G0307_007.0007.D			✓	
CmdSaveMethodAs	BL2000\ctran	3/8/2022 4:11:53 PM	Save method to file \\MASSHUNTER\Org\Data\GECD.I\GECD_methods\G030722_8011_W_CLT.m			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdApplyMethodToAllSamples	BL2000\ctran	3/8/2022 4:12:03 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\ctran	3/8/2022 4:12:03 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\ctran	3/8/2022 4:12:04 PM	End method editing			✓	
CmdQuantitate	BL2000\ctran	3/8/2022 4:12:07 PM	Quantitate all compounds in all samples			✓	
CmdUpdateRetentionTimes	BL2000\ctran	3/8/2022 4:12:17 PM	Update retention time for compound 1,2,3-Trichloropropane; 1,2-Dibromo-3-chloropropane; 1,2-Dibromoethane; 1,1,1,2-Tetrachloroethane;			✓	
CmdQuantitate	BL2000\ctran	3/8/2022 4:12:32 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:12:43 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0307_009.0009.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:12:52 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0307_012.0012.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	3/8/2022 4:14:13 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:14:37 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_011.0011.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:14:42 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_012.0012.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:15:00 PM	Set SampleApproved = True for sample G0307_014.0014.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:15:01 PM	Set SampleApproved = False for sample G0307_014.0014.D; previous value = True			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:15:02 PM	Set SampleApproved = True for sample G0307_013.0013.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:15:03 PM	Set SampleApproved = True for sample G0307_012.0012.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:15:03 PM	Set SampleApproved = True for sample G0307_011.0011.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:15:04 PM	Set SampleApproved = True for sample G0307_009.0009.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:15:06 PM	Set SampleApproved = True for sample G0307_010.0010.D; previous value = False			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:15:07 PM	Set SampleApproved = True for sample G0307_008.0008.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:15:07 PM	Set SampleApproved = True for sample G0307_007.0007.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:15:37 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_014.0014.D			✓	
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:15:38 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0307_014.0014.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:15:39 PM	Set SampleApproved = True for sample G0307_014.0014.D; previous value = False			✓	
CmdQuantitate	BL2000\ctran	3/8/2022 4:16:15 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:25:41 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_015.0015.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:25:51 PM	Set SampleApproved = True for sample G0307_015.0015.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 4:26:04 PM	Manually integrate compound 1,2-Dibromoethane in sample G0307_015.0015.D, from x, y = 3.364, 16214 to 3.527, 16093, result = 36304; previous integration is from x, y = 3.364, 16214 to 3.512, 16323 and previous response = 35231.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 4:26:07 PM	Manually integrate compound 1,2-Dibromoethane in sample G0307_015.0015.D, from x, y = 3.364, 16214 to 3.533, 16120, result = 36163; previous integration is from x, y = 3.364, 16214 to 3.527, 16093 and previous response = 36304.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:26:09 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0307_015.0015.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:27:31 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_016.0016.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:27:36 PM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G0307_016.0016.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:27:38 PM	Set SampleApproved = True for sample G0307_016.0016.D; previous value = False			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:27:43 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_017.0017.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 4:27:50 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_017.0017.D, from x, y = 3.933, 16573 to 4.048, 16479, result = 30033; previous integration is from x, y = 3.917, 15313 to 4.093, 14902 and previous response = 43023.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:27:51 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_017.0017.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:27:52 PM	Set SampleApproved = True for sample G0307_017.0017.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:27:56 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_018.0018.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:28:01 PM	Set SampleApproved = True for sample G0307_018.0018.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 4:28:07 PM	Manually integrate compound 1,2-Dibromoethane in sample G0307_018.0018.D, from x, y = 3.363, 16268 to 3.528, 16188, result = 37316; previous integration is from x, y = 3.363, 16268 to 3.513, 16380 and previous response = 36421.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:28:09 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0307_018.0018.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:28:16 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_019.0019.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:28:22 PM	Set SampleApproved = True for sample G0307_019.0019.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:28:29 PM	Set SampleApproved = True for sample G0307_020.0020.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:28:30 PM	Set SampleApproved = True for sample G0307_021.0021.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:28:36 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0307_022.0022.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:28:38 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_022.0022.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:28:39 PM	Set SampleApproved = True for sample G0307_022.0022.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:28:44 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_023.0023.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 4:28:50 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_023.0023.D, from x, y = 3.929, 16472 to 4.049, 16521, result = 31070; previous integration is from x, y = 3.925, 15987 to 4.083, 15708 and previous response = 36725.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:28:52 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_023.0023.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:29:11 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_024.0024.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:29:15 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_024.0024.D			✓	
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:29:17 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_025.0025.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:29:20 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_025.0025.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:29:23 PM	Set SampleApproved = True for sample G0307_023.0023.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:29:23 PM	Set SampleApproved = True for sample G0307_024.0024.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:29:24 PM	Set SampleApproved = True for sample G0307_025.0025.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:29:46 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_026.0026.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:29:50 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_026.0026.D			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:29:52 PM	Set SampleApproved = True for sample G0307_026.0026.D; previous value = False			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:30:32 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_036.0036.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:30:33 PM	Set SampleApproved = True for sample G0307_036.0036.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:30:40 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_049.0049.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:30:46 PM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G0307_049.0049.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:30:51 PM	Set SampleApproved = True for sample G0307_049.0049.D; previous value = False			✓	
CmdQuantitate	BL2000\ctran	3/8/2022 4:30:55 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:36:24 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_027.0027.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:36:27 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_028.0028.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:36:30 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_029.0029.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 4:36:39 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_030.0030.D, from x, y = 3.930, 16323 to 4.003, 15278, result = 36477; previous integration is from x, y = 3.917, 15390 to 4.003, 15278 and previous response = 38796.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 4:36:43 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_030.0030.D, from x, y = 3.930, 16323 to 4.002, 16286, result = 34013; previous integration is from x, y = 3.930, 16323 to 4.003, 15278 and previous response = 36477.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:36:46 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_030.0030.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:36:52 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_031.0031.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:36:56 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_032.0032.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:36:59 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_033.0033.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:37:10 PM	Set SampleApproved = True for sample G0307_033.0033.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:37:11 PM	Set SampleApproved = True for sample G0307_034.0034.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:37:36 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_039.0039.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/8/2022 4:37:44 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_040.0040.D, from x, y = 4.046, 16380 to 4.055, 18838, result = -690; previous integration is from x, y = 3.929, 16209 to 4.065, 16209 and previous response = 33384.			✓	
CmdClearManualIntegration	BL2000\ctran	3/8/2022 4:37:46 PM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0307_040.0040.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:37:52 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_041.0041.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:37:54 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_042.0042.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:37:56 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_043.0043.D; previous value =			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	3/8/2022 4:37:59 PM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0307_043.0043.D to y = 16365, new integration is from x, y = 3.931, 16365 to 4.033, 16365 and new response = 31588; previous integration is from x, y = 3.931, 16365 to 4.033, 16620 and previous response = 30803.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:38:03 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_044.0044.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:38:06 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_045.0045.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:38:09 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_046.0046.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/8/2022 4:38:12 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_047.0047.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:38:16 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0307_048.0048.D			✓	
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:38:18 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_048.0048.D			✓	
CmdQuantitate	BL2000\ctran	3/8/2022 4:38:39 PM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:39:11 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_027.0027.D Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_028.0028.D Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_029.0029.D Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_030.0030.D Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_031.0031.D			✓	
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:39:19 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_035.0035.D Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0307_035.0035.D			✓	
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:39:26 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_037.0037.D Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0307_037.0037.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	3/8/2022 4:39:38 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0307_038.0038.DZero out primary peak of compound 1,2-Dibromoethane in sample G0307_039.0039.DZero out primary peak of compound 1,2-Dibromoethane in sample G0307_040.0040.DZero out primary peak of compound 1,2-Dibromoethane in sample G0307_041.0041.DZero out primary peak of compound 1,2-Dibromoethane in sample G0307_042.0042.DZero out primary peak of compound 1,2-Dibromoethane in sample G0307_043.0043.DZero out primary peak of compound 1,2-Dibromoethane in sample G0307_044.0044.DZero out primary peak of compound 1,2-Dibromoethane in sample G0307_045.0045.DZero out primary peak of compound 1,2-Dibromoethane in sample G0307_046.0046.DZero out primary peak of compound 1,2-Dibromoethane in sample G0307_047.0047.D			✓	
CmdQuantitate	BL2000\ctran	3/8/2022 4:39:52 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	3/8/2022 4:39:54 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030722\iaaexport\QuantResults\G030722_8011_W_CLT.batch.bin			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:06 PM	Set SampleApproved = True for sample G0307_048.0048.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:06 PM	Set SampleApproved = True for sample G0307_047.0047.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:07 PM	Set SampleApproved = True for sample G0307_046.0046.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:08 PM	Set SampleApproved = True for sample G0307_045.0045.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:08 PM	Set SampleApproved = True for sample G0307_044.0044.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:10 PM	Set SampleApproved = True for sample G0307_043.0043.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:10 PM	Set SampleApproved = True for sample G0307_042.0042.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:10 PM	Set SampleApproved = True for sample G0307_041.0041.D; previous value = False			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:13 PM	Set SampleApproved = True for sample G0307_039.0039.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:13 PM	Set SampleApproved = True for sample G0307_038.0038.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:14 PM	Set SampleApproved = True for sample G0307_037.0037.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:15 PM	Set SampleApproved = True for sample G0307_040.0040.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:18 PM	Set SampleApproved = True for sample G0307_035.0035.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:19 PM	Set SampleApproved = True for sample G0307_032.0032.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:19 PM	Set SampleApproved = True for sample G0307_031.0031.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:20 PM	Set SampleApproved = True for sample G0307_030.0030.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:20 PM	Set SampleApproved = True for sample G0307_029.0029.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:23 PM	Set SampleApproved = True for sample G0307_027.0027.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	3/8/2022 4:40:24 PM	Set SampleApproved = True for sample G0307_028.0028.D; previous value = False			✓	
CmdQuantitate	BL2000\ctran	3/8/2022 4:40:28 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	3/8/2022 4:40:33 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantResults\G030722_8011_W_CLT.batch.bin			✓	
CmdSaveBatchTable	BL2000\ctran	3/8/2022 4:40:36 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantResults\G030722_8011_W_CLT.batch.bin			✓	
CmdSaveBatchTable	BL2000\ctran	3/8/2022 4:40:48 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantResults\G030722_8011_W_CLT.batch.bin			✓	
CmdSaveBatchTable	BL2000\ctran	3/8/2022 4:43:01 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantResults\G030722_8011_W_CLT.batch.bin			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdOpenBatchTable	BL2000\ctran	3/9/2022 9:18:00 AM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G030722_8011_W_CLT.batch.bin			✓	
CmdSetSampleAttribute	BL2000\ctran	3/9/2022 9:19:50 AM	Set SampleType = CC for sample G0307_007.0007.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	3/9/2022 9:19:53 AM	Set SampleType = CC for sample G0307_008.0008.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	3/9/2022 9:19:56 AM	Set SampleType = CC for sample G0307_009.0009.D; previous value = Calibration			✓	
CmdStartMethodEditing	BL2000\ctran	3/9/2022 9:20:11 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\ctran	3/9/2022 9:20:11 AM	Import method from sample G0307_009.0009.D			✓	
CmdRemoveMethodCalibration	BL2000\ctran	3/9/2022 9:20:46 AM	Remove calibration level CC3 of compound 1,2-Dibromo-3-chloropropane, calibration sample path \\MASSHUNTER\Org\Data\GECD.I\G11820\aiexport\G1118_016.0016.D			✓	
CmdRemoveMethodCalibration	BL2000\ctran	3/9/2022 9:20:51 AM	Remove calibration level 6 of compound 1,2-Dibromo-3-chloropropane, calibration sample path \\MASSHUNTER\Org\Data\GECD.I\G060221\aiexport\G0602_013.0013.D			✓	
CmdRemoveMethodCalibration	BL2000\ctran	3/9/2022 9:20:54 AM	Remove calibration level 5 of compound 1,2-Dibromo-3-chloropropane, calibration sample path \\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_044.0044.D			✓	
CmdRemoveMethodCalibration	BL2000\ctran	3/9/2022 9:21:00 AM	Remove calibration level 3 of compound 1,2-Dibromo-3-chloropropane, calibration sample path \\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_027.0027.D			✓	
CmdRemoveMethodCalibration	BL2000\ctran	3/9/2022 9:21:06 AM	Remove calibration level 3 of compound 1,2-Dibromo-3-chloropropane, calibration sample path \\MASSHUNTER\Org\Data\GECD.I\G020922\aiexport\G0209_053.0053.D			✓	
CmdApplyMethodToAllSamples	BL2000\ctran	3/9/2022 9:21:21 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\ctran	3/9/2022 9:21:21 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\ctran	3/9/2022 9:21:21 AM	End method editing			✓	
CmdQuantitate	BL2000\ctran	3/9/2022 9:21:24 AM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\ctran	3/9/2022 9:21:29 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	3/9/2022 9:21:46 AM	Set SampleType = CC for sample G0307_010.0010.D; previous value = Calibration			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	3/9/2022 9:21:53 AM	Set SampleType = Calibration for sample G0307_010.0010.D; previous value = CC			✓	
CmdSetSampleAttribute	BL2000\ctran	3/9/2022 9:21:56 AM	Set SampleType = Calibration for sample G0307_009.0009.D; previous value = CC			✓	
CmdSetSampleAttribute	BL2000\ctran	3/9/2022 9:22:01 AM	Set SampleType = Calibration for sample G0307_008.0008.D; previous value = CC			✓	
CmdSetSampleAttribute	BL2000\ctran	3/9/2022 9:22:04 AM	Set SampleType = Calibration for sample G0307_007.0007.D; previous value = CC			✓	
CmdQuantitate	BL2000\ctran	3/9/2022 9:22:07 AM	Quantitate all compounds in all samples			✓	
CmdCalibrate	BL2000\ctran	3/9/2022 9:22:16 AM	Replace level 6 with Calibration sample G0307_013.0013.D for compounds {1,2-Dibromoethane}; Replace level 5 with Calibration sample G0307_012.0012.D for compounds {1,2-Dibromoethane}; Replace level 4 with Calibration sample G0307_011.0011.D for compounds {1,2-Dibromoethane}; Replace level 3 with Calibration sample G0307_010.0010.D for compounds {1,2-Dibromoethane}; Replace level 2 with Calibration sample G0307_009.0009.D for compounds {1,2-Dibromoethane}; Replace level 7 with Calibration sample G0307_008.0008.D for compounds {1,2-Dibromoethane}; Replace level 1 with Calibration sample G0307_007.0007.D for compounds {1,2-Dibromoethane};			✓	
CmdQuantitate	BL2000\ctran	3/9/2022 9:22:20 AM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\ctran	3/9/2022 9:22:35 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	3/9/2022 9:22:36 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030722\iaaexport\QuantResults\G030722_8011_W_CLT.batch.bin			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/9/2022 9:22:55 AM	Set CurveFit = fitLinear for compound 1,2-Dibromoethane in all samples; previous value = fitQuadratic			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/9/2022 9:22:58 AM	Set CurveFitOrigin = originIgnore for compound 1,2-Dibromoethane in all samples; previous value = originForce			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/9/2022 9:23:00 AM	Set CurveFitWeight = weightOneOverX for compound 1,2-Dibromoethane in all samples; previous value = weightEqual			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\ctran	3/9/2022 9:23:04 AM	Set CurveFit = fitQuadratic for compound 1,2-Dibromoethane in all samples; previous value = fitLinear			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/9/2022 9:23:09 AM	Set CurveFitOrigin = originForce for compound 1,2-Dibromoethane in all samples; previous value = originIgnore			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/9/2022 9:23:12 AM	Set CurveFitWeight = weightEqual for compound 1,2-Dibromoethane in all samples; previous value = weightOneOverX			✓	
CmdQuantitate	BL2000\ctran	3/9/2022 9:23:17 AM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\ctran	3/9/2022 9:23:30 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	3/9/2022 9:23:40 AM	Set SampleType = CC for sample G0307_007.0007.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	3/9/2022 9:23:43 AM	Set SampleType = CC for sample G0307_008.0008.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	3/9/2022 9:23:45 AM	Set SampleType = CC for sample G0307_009.0009.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	3/9/2022 9:23:48 AM	Set SampleType = CC for sample G0307_010.0010.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	3/9/2022 9:23:50 AM	Set SampleType = CC for sample G0307_011.0011.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	3/9/2022 9:23:54 AM	Set SampleType = CC for sample G0307_012.0012.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	3/9/2022 9:23:57 AM	Set SampleType = CC for sample G0307_013.0013.D; previous value = Calibration			✓	
CmdQuantitate	BL2000\ctran	3/9/2022 9:23:59 AM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\ctran	3/9/2022 9:24:09 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\ctran	3/9/2022 9:28:35 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0307_021.0021.D, from x, y = 3.953, 16305 to 4.009, 16286, result = 997; previous integration is from x, y = 3.944, 15681 to 4.013, 15737 and previous response = 3276.			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	3/9/2022 9:28:42 AM	Manually integrate compound 1,2-Dibromoethane in sample G0307_021.0021.D, from x, y = 3.367, 16167 to 3.469, 16166, result = 1532; previous integration is from x, y = 3.387, 16215 to 3.487, 16002 and previous response = 1764.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/9/2022 9:29:01 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0307_021.0021.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	3/9/2022 9:29:06 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G0307_021.0021.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	3/9/2022 9:29:12 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	3/9/2022 9:34:29 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantResults\G030722_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	3/11/2022 1:53:33 PM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\G030722_8011_W_CLT.batch.bin			✓	
GenerateReport	BL2000\ctran	3/11/2022 1:55:32 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Gen_ResultsSummary.m, Output Path: \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantReports\G030722_8011_W_CLT			✓	
GenerateReport	BL2000\ctran	3/11/2022 2:03:15 PM	Generates report - Method: \\MASSHUNTER\Org\reports\init_cal_rpt.m, Output Path: \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantReports\G030722_8011_W_CLT-1			✓	
GenerateReport	BL2000\ctran	3/11/2022 2:09:48 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Gen_Calibration.m, Output Path: \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantReports\G030722_8011_W_CLT-2			✓	
GenerateReport	BL2000\ctran	3/11/2022 2:14:06 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Env_QuantResults_wGraphics+Chromatogram.m, Output Path: \\MASSHUNTER\Org\Data\GECD.I\G030722\aiexport\QuantReports\G030722_8011_W_CLT-3			✓	



ID #: 13327

Opened:

Calibration Standard

Expires: 12/31/2023

Rec'd: 12/11/2020

Energy Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

# Certificate of Analysis

**Product Name:** Calibration Standard**Product Number:** DWM-514-1**Lot Issue Date:** 08-Dec-2020**Lot Number:** 0006573696**Expiration Date:** 31-Dec-2023**Description:**

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
1,2-dibromo-3-chloropropane	000096-12-8	RM12895	200.7 ± 1.0 µg/mL
1,2-dibromoethane	000106-93-4	RM00018	200.2 ± 1.0 µg/mL
1,2,3-trichloropropane	000096-18-4	RM13082	200.4 ± 1.0 µg/mL

**Matrix:** methanol (methyl alcohol)**Storage Conditions:** Store Frozen (-25° to -10°C).**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Intended Use:**

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Instructions for Use:**

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Hazards:**

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this RM.

ISO 17034 Cert  
No. AR-1936RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality  
Management System. Cert # 56 100 18560026

Page: 1 of 2

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1ISO 17025 Cert  
No. AT-1937

# Certificate of Analysis

**Product Number:** DWM-514-1

**Lot Number:** 0006573696

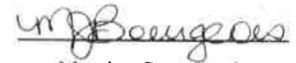
**Expiration of Certification:**

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**



Monica Bourgeois  
QMS Representative



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 2 of 2

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937

# Energy Laboratories Inc

# Spike LOG

Standard ID: PH121120504P  
Standard Name: 504.1 Mix (200ug/mL) MeOH  
Date Prepared: 12/11/2019  
Date Expires: 12/31/2023  
Department: PST/HRBPR  
Vendor: Agilent  
Lot Number: 0006573696  
Balance ID:

Type: Primary  
BY: Selina R. Cox  
Status: New

Comments: Date prepped is same as date received. [200ug/mL] MeOH. Recieved x4 1mL vials.

---

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Calibration Standard	13327	4	mL	12/31

**Final Volume:** 1 mL

Stock Source

**Base Units**

**Amount Added**

Analvtes

**CAS**

Conc: **ug/mL**

# Energy Laboratories Inc

# Standard LOG

Standard ID: PH011122504C3  
 Standard Name: 504.1 Cal Stock 3(0.7ug/mL) MeOH  
 Date Prepared: 1/11/2022  
 Date Expires: 2/12/2023  
 Department: PST/HRBPR  
 Vendor:  
 Lot Number:  
 Balance ID:

Type: Secondary  
 BY: Carry L Tran  
 Status: New

Comments: Final concentration = 0.7ug/mL Vol Flask# - EX-0117. Concentration represents both calmix and surrogate. 4/27/21 SRC.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EA899	13926	9.895	mL	2/12/
1, 1, 1, 2-Tetrachloroethane Standard	14248	0.07	mL	11/30

**Final Volume:** 10 mL

Stock Source

PH121120504P 504.1 Mix (200ug/mL) MeOH

**Base Units**

ug/mL

**Amount Added**

0.035 mL

Analvtes

**CAS**

Conc: ug/mL

# Energy Laboratories Inc

# Standard LOG

Standard ID: PH011122504C2  
 Standard Name: 504.1 Cal Stock 2(0.07ug/mL) MeOH  
 Date Prepared: 1/11/2022  
 Date Expires: 2/12/2023  
 Department: PST/HRBPR  
 Vendor:  
 Lot Number:  
 Balance ID:  
 Comments: Final concentration = 0.07ug/mL Vol Flask# - EX-0117

Type: Tertiary  
 BY: Carry L Tran  
 Status: New

---

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EA899	13926	9	mL	2/12/

**Final Volume:** 10 mL

Stock Source  
 PH011122504C3 504.1 Cal Stock 3(0.7ug/mL) MeOH

**Base Units**  
 ug/mL

**Amount Added**  
 1 mL

Analvtes

**CAS**

Conc: **ug/mL**

# Energy Laboratories Inc

# Standard LOG

Standard ID: PH011122504C1  
 Standard Name: 504.1 Cal Stock 1(0.007ug/mL) MeOH  
 Date Prepared: 1/11/2022  
 Date Expires: 2/12/2023  
 Department: PST/HRBPR  
 Vendor:  
 Lot Number:  
 Balance ID:  
 Comments: Final concentration = 0.007ug/mL Vol Flask# - EX-0117

Type: Tertiary  
 BY: Carry L Tran  
 Status: New

---

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EA899	13926	9	mL	2/12/

**Final Volume:** 10 mL

Stock Source  
 PH011122504C2 504.1 Cal Stock 2(0.07ug/mL) MeOH

**Base Units**  
 ug/mL

**Amount Added**  
 1 mL

Analvtes

**CAS**

Conc: **ug/mL**



# Certificate of Analysis

ID #: 14248

Opened: \_\_\_\_\_

1, 1, 1, 2-Tetrachloroethane Standard

Expires: 11/30/2024

Rec'd: 9/7/2021

Energy Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

**Product Name:** 1,1,1,2-Tetrachloroethane Standard

**Product Number:** HC-410-1

**Lot Issue Date:** 27-Oct-2020

**Lot Number:** 0006567948

**Expiration Date:** 30-Nov-2024

**Description:**

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
1,1,1,2-tetrachloroethane	000630-20-6	RM12632	99.9 ± 0.5 µg/mL

**Matrix:** methanol (methyl alcohol)

**Storage Conditions:** Store Frozen (-25° to -10°C).

**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Intended Use:**

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Instructions for Use:**

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Hazards:**

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this RM.

**Expiration of Certification:**

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois  
QMS Representative



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937



# CERTIFICATE OF ANALYSIS

**Catalog No:** M-504.1-LFB  
**Description:** Laboratory Fortified Blank Sample Concentrate  
**Lot:** 220021015  
**Solvent:** Methanol  
**Hazards:** Refer to SDS for complete safety information

**Date Certified:** Feb 6, 2020  
**Expiration:** Feb 6, 2023  
**Sample Size:** 1 mL  
**Components:** 3  
**Storage Condition:** Ambient (>5 °C)



Signal Word: Danger

Certified Reference Material



Component	CAS #	Purity % (GC/FID)	Prepared Concentration <sup>2</sup> (µg/mL)	Certified Analyte Concentration <sup>1</sup> (µg/mL)
1,2-Dibromoethane	106-93-4	99.9	0.2503	0.2500
1,2-Dibromo-3-chloropropane	96-12-8	100.0	0.2505	0.2505
1,2,3-Trichloropropane	96-18-4	99.0	0.2503	0.2478

ID #: 14729

Opened:

Laboratory Fortified Blank Sample Concentrate  
Expires: 2/6/2023

Rec'd: 1/6/2022

Energy Laboratories Inc 1120 Sp. 27th Street  
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix. Matrix blank to be used for background correction.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By:



Larry Decker, Organic QC Manager

ISO 17034

ID #: 14328

Opened:

1,1,1,2-Tetrachloroethane Solution

Expires: 10/31/2025

Rec'd: 9/29/2021

Energy Laboratories Inc 1120 So. 27th Street  
Billings MT 59107



Agilent

Trusted Answers

## Reference Material Certificate

**Product Name:** 1,1,1,2-Tetrachloroethane Standard

**Lot Number:** 0006633034

**Product Number:** HC-410-1

**Lot Issue Date:** 27-Sep-2021

**Storage Conditions:** Store Frozen (-25° to -10°C).

**Expiration Date:** 31-Oct-2025

Component Name	CERTIFIED VALUES		CAS#	Analyte Lot
	Concentration	Expanded Uncertainty		
1,1,1,2-tetrachloroethane	100.4	± 0.5 µg/mL	000630-20-6	RM12632

**Matrix:** methanol (methyl alcohol)

### Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

### Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

### Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

### Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

### Safety:

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this analytical reference material.

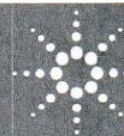
### Intended Use:

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

### Expiration of Certification:

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

ISO 17034



**Agilent**

Trusted Answers

**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois  
QMS Representative



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015  
Quality Management System. Cert# 951215321

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[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937

# Energy Laboratories Inc

# Standard LOG

Standard ID: PH021622504SU  
Standard Name: 504.1 Surrogate (0.1ug/mL)MeOH  
Date Prepared: 2/16/2022  
Date Expires: 3/20/2023  
Department: PST/HRBPR  
Vendor:  
Lot Number:  
Balance ID:

Type: Secondary  
BY: Carry L Tran

Status: New

Comments: Final Concentration = (0.1ug/mL) Vol Flask: EX-0117

---

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap - EB679	14746	9.99	mL	5/28/
1,1,1,2-Tetrachloroethane Solution	14328	0.01	mL	10/31

Final Volume: 10 mL

Stock Source

**Base Units**

**Amount Added**

Analtes

**CAS**

Conc: ug/mL