

PREP BATCH REPORT

Prep Code: **PRP-8011-W**
 Prep Batch **162850** Prep Temp: **NA °C**

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

Prep Start Date: **1/11/2022 10:33:44 A**
 Prep End Date: **1/11/2022 11:54:00 A**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
MB-162850	CLT spiked and surrogated. CMH witnessed.	6	35	0	0	2.0	0.057		1/11/2022	1/11/2022
LCS-162850		6	35	0	0	2.0	0.057		1/11/2022	1/11/2022
CAL1-162850		6	35	0	0	2.0	0.057	Bal #25	1/11/2022	1/11/2022
CAL7-162850		6	35	0	0	2.0	0.057	Bal #25	1/11/2022	1/11/2022
CAL2-162850		6	35	0	0	2.0	0.057	Bal #25	1/11/2022	1/11/2022
CAL3-162850		6	35	0	0	2.0	0.057	Bal #25	1/11/2022	1/11/2022
CAL4-162850		6	35	0	0	2.0	0.057	Bal #25	1/11/2022	1/11/2022
CAL5-162850		6	35	0	0	2.0	0.057	Bal #25	1/11/2022	1/11/2022
CAL6-162850		6	35	0	0	2.0	0.057	Bal #25	1/11/2022	1/11/2022

Number	Reagent Name	Exp Date	
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14500	40 mL Clear VOA Lot 00081369	11/9/2026	
14543	Hexane EB754	6/4/2023	2mL
14554	4ML, Amber Vial, 0430380915	11/29/2022	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl 12/23/21 (139	Baked Sodium Chloride	ALL	7g	6/15/2026
PH122821504Su	504.1 Surrogate (0.1ug/mL) MeOH	ALL except CAL1-	35µL	3/20/2023
PH011122504C1	504.1 Cal Stock 1(0.007ug/mL) MeO	CAL1,CAL7	50µL, 100	2/12/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeOH	CAL2,CAL3,CAL4	25µL, 50µ	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeOH	CAL5,CAL6	20µL, 50µ	2/12/2023
PH071421LFB	LaboratoryFortifiedBlank0.25ug/mL(MLCS		14µL, 35µ	2/6/2023

PREP BATCH REPORT

Prep Code: **PRP-8011-W**
 Prep Batch **162876** Prep Temp: **NA °C**

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

Prep Start Date: **1/12/2022 9:44:14 AM**
 Prep End Date: **1/12/2022 12:53:00 P**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
MB-162876		6	35	0	0	2.0	0.057		1/12/2022	1/12/2022
CLT spiked and surrogated. CMH witnessed and assisted. Samples were put on solvent at 11:40am										
LCS-162876		6	35	0	0	2.0	0.057		1/12/2022	1/12/2022
5mL_19K50667 calibrated/passed on 01/12/2022 prior to the extraction. Batch unlocked to add comments On 01/30/2022-SRC.										
LCS1-162876		6	35	0	0	2.0	0.057	Bal #25	1/12/2022	1/12/2022
Unlocked to add reagents, comments - CLT 1/12/22										
CK3-162876		6	35	0	0	2.0	0.057	Bal #25	1/12/2022	1/12/2022
Unlocked to add final masses-CLT 1/12/22 Unlocked to fix error- CLT 1/12/22										
CK5-162876		6	35	0	0	2.0	0.057	Bal #25	1/12/2022	1/12/2022
All samples poured to 35mL using a gravimetrically determined standard made by CLT on 01/12/2022.										
B22010167-004A	Aqueous	6	35	0	0	2.0	0.057	Bal #25	1/12/2022	1/12/2022
Vial 1/2. Combined vial and sample weight of 64.69g with cap on. Empty vial weight with cap on 29.49g= 35.20g.										
B22010338-001H	Ground Water	1	36	0	0	2.0	0.056	Bal #25	1/12/2022	1/12/2022
Vial 1/3. Combined vial and sample weight of 61.49g with cap on. Empty vial weight with cap on 25.81g= 35.68g. Entire sample consumed in extraction.										
B22010338-001HMS	Ground Water	1	36	0	0	2.0	0.056	Bal #25	1/12/2022	1/12/2022
Vial 2/3. Combined vial and sample weight of 61.62g with cap on. Empty vial weight with cap on 25.83g= 35.79g. Entire sample consumed in extraction.										
B22010338-001HMSD	Ground Water	1	36	0	0	2.0	0.056	Bal #25	1/12/2022	1/12/2022
Vial 3/3. Combined vial and sample weight of 61.89g with cap on. Empty vial weight with cap on 26.15g= 35.74g. Entire sample consumed in extraction.										
B22010338-004A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	1/12/2022	1/12/2022
Vial 1/1. Combined vial and sample weight of 61.78g with cap on. Empty vial weight with cap on 25.85g= 35.93g. Entire sample consumed in extraction.										
B22010361-001H	Ground Water	1	35	0	0	2.0	0.057	Bal #25	1/12/2022	1/12/2022
Vial 1/3. Combined vial and sample weight of 61.32g with cap on. Empty vial weight with cap on 26.05g= 35.27g.										
B22010361-004A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	1/12/2022	1/12/2022
Vial 1/2. Combined vial and sample weight of 61.55g with cap on. Empty vial weight with cap on 25.84g= 35.71g.										
B22010409-001H	Ground Water	1	36	0	0	2.0	0.056	Bal #25	1/12/2022	1/12/2022
Vial 1/3. Combined vial and sample weight of 61.64g with cap on. Empty vial weight with cap on 25.80g= 35.84g. Small amount of light colored sediment present in sample.										
B22010409-004A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	1/12/2022	1/12/2022
Vial 2/2. Combined vial and sample weight of 61.81g with cap on. Empty vial weight with cap on 25.93g= 35.88g.										

Number	Reagent Name	Exp Date
11	Carbon Filter Water	1/1/2023
14206	pH-indicator Strips 0-14 HC160347	8/26/2026
14500	40 mL Clear VOA Lot 00081369	11/9/2026
14543	Hexane EB754	6/4/2023
14554	4ML, Amber Vial, 0430380915	11/29/2022

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 11/6/	Baked Sodium Chloride	ALL	7g	9/10/2025
PH122821504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL except CK3/5	35µL	3/20/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeOH	CK3	50µL	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeOH	CK5	20µL	2/12/2023
PH071421LFB	LaboratoryFortifiedBlank0.25ug/mL(M	LCS1,LCS, MS, M	14µL, 35µ	2/6/2023

PREP BATCH REPORT

Prep Code: **PRP-8011-W**
 Prep Batch **162876** Prep Temp: **NA °C**

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

Prep Start Date: **1/12/2022 9:44:14 AM**
 Prep End Date: **1/12/2022 12:53:00 P**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
B22010410-001H	Ground Water	1	36	0	0	2.0	0.056	Bal #25	1/12/2022	1/12/2022
Vial 1/3. Combined vial and sample weight of 61.40g with cap on. Empty vial weight with cap on 25.82g= 35.58g.										
B22010410-004A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	1/12/2022	1/12/2022
Vial 1/1. Combined vial and sample weight of 61.23g with cap on. Empty vial weight with cap on 25.73g= 35.5g. Entire sample consumed in extraction.										
B22010411-001H	Ground Water	1	36	0	0	2.0	0.056	Bal #25	1/12/2022	1/12/2022
Vial 1/3. Combined vial and sample weight of 61.72g with cap on. Empty vial weight with cap on 25.98g= 35.74g.										
B22010411-004A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	1/12/2022	1/12/2022
Vial 1/2. Combined vial and sample weight of 61.63g with cap on. Empty vial weight with cap on 25.86g= 35.77g.										

Number	Reagent Name	Exp Date
11	Carbon Filter Water	1/1/2023
14206	pH-indicator Strips 0-14 HC160347	8/26/2026
14500	40 mL Clear VOA Lot 00081369	11/9/2026
14543	Hexane EB754	6/4/2023
14554	4ML, Amber Vial, 0430380915	11/29/2022

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 11/6/	Baked Sodium Chloride	ALL	7g	9/10/2025
PH122821504Su	504.1 Surrogate (0.1ug/mL) MeOH	ALL except CK3/5	35µL	3/20/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeOH	CK3	50µL	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeOH	CK5	20µL	2/12/2023
PH071421LFB	Laboratory Fortified Blank 0.25ug/mL (MLCS1, LCS, MS, M)	14µL, 35µ		2/6/2023

Energy Laboratories Inc

ANALYTICAL RUN Summary

30-Jan-22

Run ID GECD.I_220112A

Run Start Date: 1/12/2022
Analyst: Carry L Tran
Ical:
Column ID: RTX-CLP_0.53
Comments:

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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14976773	CAL1-162850	PST-8011-W	CAL1	\\ECD.ING011222\1/12/2022 7:41:4		1	162850	1/11/2022 1	0	0					
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Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.00851	0.008488725		0.01	0	0	0.0025835	0.01	0	85%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01187	0.011840325		0.01	0	0	0.0056259	0.02	0	118%	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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14976774	CAL7-162850	PST-8011-W	CAL7	\\ECD.ING011222\1/12/2022 8:02:0		1	162850	1/11/2022 1	0	0					
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Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.0185	0.01845375		0.02	0	0	0.0025835	0.01	0	92%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01859	0.018543525		0.02	0	0	0.0056259	0.02	0	93%	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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14976775	CAL2-162850	PST-8011-W	CAL2	\\ECD.ING011222\1/12/2022 8:22:0		1	162850	1/11/2022 1	0	0					
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Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.05485	0.054712875		0.05	0	0	0.0025835	0.01	0	109%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.0458	0.0456855		0.05	0	0	0.0056259	0.02	0	91%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976776	CAL3-162850	PST-8011-W	CAL3	¦ECD.IG011222\1/12/2022	8:41:5	1	162850	1/11/2022	1	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	0.10511	0.104847225		0.1	0	0	0.0025835	0.01	0	105%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09499	0.094752525		0.1	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					
14976777	CAL4-162850	PST-8011-W	CAL4	¦ECD.IG011222\1/12/2022	9:02:0	1	162850	1/11/2022	1	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	0.20308	0.2025723		0.2	0	0	0.0025835	0.01	0	101%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.19646	0.19596885		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					
14976778	CAL5-162850	PST-8011-W	CAL5	¦ECD.IG011222\1/12/2022	9:22:0	1	162850	1/11/2022	1	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	0.39485	0.393862875		0.4	0	0	0.0025835	0.01	0	98%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.41588	0.4148403		0.4	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					
14976779	CAL6-162850	PST-8011-W	CAL6	¦ECD.IG011222\1/12/2022	9:42:1	1	162850	1/11/2022	1	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	1.00078	0.99827805		1	0	0	0.0025835	0.01	0	100%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.99591	0.993420225		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					
14976780	LCS-162850	PST-8011-W	ICV	¦ECD.IG011222\1/12/2022	10:22:	1	162850	1/11/2022	1	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	0.23792	0.2373252		0.25	0	0	0.0025835	0.01	0	95%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08405	0.083839875		0.1	0	0	0.0056259	0.02	0	84%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976781	CK3-162876	PST-8011-W	CCV3	¦ECD.IG011222\1	1/12/2022 10:42:	1	162876	1/12/2022 9:	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	0.10338	0.10312155		0.1	0	0	0.0025835	0.01	0	103%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09612	0.0958797		0.1	0	0	0.0056259	0.02	0	96%	80	120	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976782	MB-162876	PST-8011-W	MBLK	¦ECD.IG011222\1	1/12/2022 11:01:	1	162876	1/12/2022 9:	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	0.08462	0.08440845		0.1	0	0	0.0056259	0.02	0	84%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976783	LCS-162876	PST-8011-W	LCS-DOD	¦ECD.IG011222\1	1/12/2022 11:22:	1	162876	1/12/2022 9:	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	0.24148	0.2408763		0.25	0	0	0.0025835	0.01	0	96%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08484	0.0846279		0.1	0	0	0.0056259	0.02	0	85%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976784	LCS1-162876	PST-8011-W	LCS1	¦ECD.IG011222\1	1/12/2022 11:42:	1	162876	1/12/2022 9:	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	0.09552	0.0952812		0.1	0	0	0.0025835	0.01	0	95%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08413	0.083919675		0.1	0	0	0.0056259	0.02	0	84%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976785	B22010167-004	PST-8011-W	SAMP	¦ECD.IG011222\1	1/13/2022 12:22:	1	162876	1/12/2022 9:	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%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08715	0.086932125		0.099	0	0	0.0056259	0.02	0	88%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976786	B22010338-004	PST-8011-W	SAMP	¦ECD.IG011222\1/13/2022	12:41:	1	162876	1/12/2022 9:	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	0.08453	0.0828394		0.097	0	0	0.0055272	0.02	0	85%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976787	B22010361-001	PST-8011-W	SAMP	¦ECD.IG011222\1/13/2022	1:01:5	1	162876	1/12/2022 9:	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	0.08614	0.08592465		0.099	0	0	0.0056259	0.02	0	87%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976788	B22010361-004	PST-8011-W	SAMP	¦ECD.IG011222\1/13/2022	1:21:5	1	162876	1/12/2022 9:	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	0.08577	0.0840546		0.098	0	0	0.0055272	0.02	0	86%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976789	B22010409-001	PST-8011-W	SAMP	¦ECD.IG011222\1/13/2022	1:41:4	1	162876	1/12/2022 9:	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	0.08744	0.0856912		0.098	0	0	0.0055272	0.02	0	87%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976790	B22010409-004	PST-8011-W	SAMP	¦ECD.IG011222\1/13/2022	2:01:5	1	162876	1/12/2022 9:	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	0.08678	0.0850444		0.098	0	0	0.0055272	0.02	0	87%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976791	B22010410-001	PST-8011-W	SAMP	ECD.IG011222\1/13/2022	2:21:4	1	162876	1/12/2022 9:	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	0.08718	0.0854364		0.098	0	0	0.0055272	0.02	0	87%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976792	B22010410-004	PST-8011-W	SAMP	ECD.IG011222\1/13/2022	2:41:3	1	162876	1/12/2022 9:	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	0.08921	0.0874258		0.099	0	0	0.0055272	0.02	0	88%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976793	B22010338-001	PST-8011-W	SAMP	ECD.IG011222\1/13/2022	3:01:4	1	162876	1/12/2022 9:	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	0.0885	0.08673		0.098	0	0	0.0055272	0.02	0	88%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976794	B22010338-001	PST-8011-W	MS-DOD	ECD.IG011222\1/13/2022	3:21:4	1	162876	1/12/2022 9:	1E+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	0.23377	0.2290946		0.245	0	0	0.0025382	0.01	0	94%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08481	0.0831138		0.098	0	0	0.0055272	0.02	0	85%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976795	B22010338-001	PST-8011-W	MSD-DOD	ECD.IG011222\1/13/2022	3:41:4	1	162876	1/12/2022 9:	1E+07	1E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.23833	0.2335634		0.245	0	0.2290946	0.0025382	0.01	0	95%	60	140	2%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08552	0.0838096		0.098	0	0	0.0055272	0.02	0	86%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976796	CK5-162876	PST-8011-W	CCV4	¦ECD.IG011222\1/13/2022	4:21:4	1	162876	1/12/2022 9:	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	0.39826	0.39726435		0.4	0	0	0.0025835	0.01	0	99%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.42869	0.427618275		0.4	0	0	0.0056259	0.02	0	107%	80	120	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976797	B22010411-001	PST-8011-W	SAMP	¦ECD.IG011222\1/13/2022	5:01:5	1	162876	1/12/2022 9:	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	0.08634	0.0846132		0.098	0	0	0.0055272	0.02	0	86%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976798	B22010411-004	PST-8011-W	SAMP	¦ECD.IG011222\1/13/2022	5:21:5	1	162876	1/12/2022 9:	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	0.08807	0.0863086		0.098	0	0	0.0055272	0.02	0	88%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14976799	CK3-162876	PST-8011-W	CCV3	¦ECD.IG011222\1/13/2022	6:02:0	1	162876	1/12/2022 9:	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	0.10551	0.105246225		0.1	0	0	0.0025835	0.01	0	105%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09989	0.099640275		0.1	0	0	0.0056259	0.02	0	100%	80	120	0%	

Write Sequence

Insert Entries(Have the first cell for en

Data File**Sample Name**

Data File	Sample Name
G:\org\GECD.i\G011222.b\G0112_001	8011Primer ;0.2ug/L\$PST-8011-W,C4
G:\org\GECD.i\G011222.b\G0112_002	8011Primer ;0.2ug/L\$PST-8011-W,C4
G:\org\GECD.i\G011222.b\G0112_003	8011Primer ;0.1ug/L\$PST-8011-W,C3
G:\org\GECD.i\G011222.b\G0112_004	8011Primer ;0.1ug/L\$PST-8011-W,C3
G:\org\GECD.i\G011222.b\G0112_005	8011Primer ;0.2ug/L\$PST-8011-W,C4
G:\org\GECD.i\G011222.b\G0112_006	Hexane ;
G:\org\GECD.i\G011222.b\G0112_007	CK2-162875 ;
G:\org\GECD.i\G011222.b\G0112_008	MB-162875 ;
G:\org\GECD.i\G011222.b\G0112_009	LCS-162875 ;
G:\org\GECD.i\G011222.b\G0112_010	LCSDUP-162875 ;
G:\org\GECD.i\G011222.b\G0112_011	MDL-162875 ;
G:\org\GECD.i\G011222.b\G0112_012	LOD-162875 ;
G:\org\GECD.i\G011222.b\G0112_013	Hexane;;
G:\org\GECD.i\G011222.b\G0112_014	B22010309-002D ;\$PST-504-W-DW,
G:\org\GECD.i\G011222.b\G0112_015	B22010259-001D ;\$PST-504-W-DW,
G:\org\GECD.i\G011222.b\G0112_016	B22010259-001DMS ;\$PST-504-W-DW,
G:\org\GECD.i\G011222.b\G0112_017	Hexane;;
G:\org\GECD.i\G011222.b\G0112_018	CK4-162875 ;
G:\org\GECD.i\G011222.b\G0112_019	Hexane;;
G:\org\GECD.i\G011222.b\G0112_020	CAL1-162850 ;
G:\org\GECD.i\G011222.b\G0112_021	CAL7-162850 ;
G:\org\GECD.i\G011222.b\G0112_022	CAL2-162850 ;
G:\org\GECD.i\G011222.b\G0112_023	CAL3-162850 ;
G:\org\GECD.i\G011222.b\G0112_024	CAL4-162850 ;
G:\org\GECD.i\G011222.b\G0112_025	CAL5-162850 ;
G:\org\GECD.i\G011222.b\G0112_026	CAL6-162850 ;
G:\org\GECD.i\G011222.b\G0112_027	Hexane ;
G:\org\GECD.i\G011222.b\G0112_028	LCS-162850 ;
G:\org\GECD.i\G011222.b\G0112_029	CK3-162876 ;
G:\org\GECD.i\G011222.b\G0112_030	MB-162876 ;
G:\org\GECD.i\G011222.b\G0112_031	LCS-162876 ;
G:\org\GECD.i\G011222.b\G0112_032	LCS1-162876 ;
G:\org\GECD.i\G011222.b\G0112_033	Hexane;;
G:\org\GECD.i\G011222.b\G0112_034	B22010167-004A ;\$PST-8011-W,
G:\org\GECD.i\G011222.b\G0112_035	B22010338-004A ;\$PST-8011-W,
G:\org\GECD.i\G011222.b\G0112_036	B22010361-001H ;\$PST-8011-W,
G:\org\GECD.i\G011222.b\G0112_037	B22010361-004A ;\$PST-8011-W,
G:\org\GECD.i\G011222.b\G0112_038	B22010409-001H ;\$PST-8011-W,
G:\org\GECD.i\G011222.b\G0112_039	B22010409-004A ;\$PST-8011-W,
G:\org\GECD.i\G011222.b\G0112_040	B22010410-001H ;\$PST-8011-W,
G:\org\GECD.i\G011222.b\G0112_041	B22010410-004A ;\$PST-8011-W,
G:\org\GECD.i\G011222.b\G0112_042	B22010338-001H ;\$PST-8011-W,
G:\org\GECD.i\G011222.b\G0112_043	B22010338-001HMS ;\$PST-8011-W,
G:\org\GECD.i\G011222.b\G0112_044	B22010338-001HMSD ;\$PST-8011-W,
G:\org\GECD.i\G011222.b\G0112_045	Hexane;;
G:\org\GECD.i\G011222.b\G0112_046	CK5-162876 ;
G:\org\GECD.i\G011222.b\G0112_047	Hexane;;
G:\org\GECD.i\G011222.b\G0112_048	B22010411-001H ;\$PST-8011-W,
G:\org\GECD.i\G011222.b\G0112_049	B22010411-004A ;\$PST-8011-W,

G:\org\GECD.i\G011222.b\G0112_050
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G:\org\GECD.i\G011222.b\G0112_100

Hexane;;
CK3-162876 ;

Quantitative Analysis Results Summary Report

Batch Path	\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\QuantResults\G011222_8011_W_CLT.batch.bin	Analyst Name	BL2000\ctran
Analysis Time	1/13/2022 2:48 PM	Reporter Name	BL2000\srcocx
Report Time	1/30/2022 12:17:24 PM	Batch State	Processed
Last Calib Update	1/13/2022 8:30 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
G0112_020.0020.D	CAL1-162850	CC		0	1	testAcqFileNamePath
G0112_021.0021.D	CAL7-162850	CC		0	7	testAcqFileNamePath
G0112_022.0022.D	CAL2-162850	CC		0	2	testAcqFileNamePath
G0112_023.0023.D	CAL3-162850	CC		0	3	testAcqFileNamePath
G0112_024.0024.D	CAL4-162850	CC		0	4	testAcqFileNamePath
G0112_025.0025.D	CAL5-162850	CC		0	5	testAcqFileNamePath
G0112_026.0026.D	CAL6-162850	CC		0	6	testAcqFileNamePath
G0112_028.0028.D	LCS-162850	QC		0	LCS	testAcqFileNamePath
G0112_030.0030.D	MB-162876	MethodBlank		0		testAcqFileNamePath

Quantitation Results

Compound: 1,2-Dibromoethane

Data File	Sample Type	RT	Resp	Final Conc	Exp. Conc	Accuracy
G0112_020.0020.D	CC	2.348	1594	0.0085	0.0100	85.1
G0112_021.0021.D	CC	2.350	3460	0.0185	0.0200	92.5
G0112_022.0022.D	CC	2.352	10206	0.0548	0.0500	109.7
G0112_023.0023.D	CC	2.351	19414	0.1051	0.1000	105.1
G0112_024.0024.D	CC	2.351	36970	0.2031	0.2000	101.5
G0112_025.0025.D	CC	2.349	69824	0.3949	0.4000	98.7
G0112_026.0026.D	CC	2.348	160498	1.0008	1.0000	100.1
G0112_028.0028.D	QC	2.351	43086	0.2379	0.2500	95.2
G0112_030.0030.D	Blank	2.447	0	ND		

Compound: 1,1,1,2-Tetrachloroethane

Data File	Sample Type	RT	Resp	Final Conc	Exp. Conc	Accuracy
G0112_020.0020.D	CC	2.892	307	0.0119	0.0100	118.7
G0112_021.0021.D	CC	2.890	2572	0.0186	0.0200	92.9
G0112_022.0022.D	CC	2.887	11824	0.0458	0.0500	91.6
G0112_023.0023.D	CC	2.885	28854	0.0950	0.1000	95.0
G0112_024.0024.D	CC	2.886	65255	0.1965	0.2000	98.2
G0112_025.0025.D	CC	2.884	149803	0.4159	0.4000	104.0
G0112_026.0026.D	CC	2.883	411771	0.9959	1.0000	99.6
G0112_028.0028.D	QC	2.887	25029	0.0840	0.1000	84.0
G0112_030.0030.D	Blank	2.885	25228	0.0846		

Initial Calibration Report - WJB

Method Path \\MASSHUNTER\Org\Data\GECD.I\GECD_methods
 Method File G011222_8011_W_CLT.m
 Batch Name \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\QuantResults\G011222_8011_W_CLT.batch.bin
 Last Calib Update 1/13/2022 8:30:23 AM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_020.0020.D	1/12/2022 7:41:43 PM	1/13/2022 8:30:23 AM
7	\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_021.0021.D	1/12/2022 8:02:01 PM	1/13/2022 8:30:23 AM
2	\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_022.0022.D	1/12/2022 8:22:03 PM	1/13/2022 8:30:23 AM
3	\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_023.0023.D	1/12/2022 8:41:59 PM	1/13/2022 8:30:23 AM
4	\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_024.0024.D	1/12/2022 9:02:04 PM	1/13/2022 8:30:23 AM
5	\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_025.0025.D	1/12/2022 9:22:09 PM	1/13/2022 8:30:23 AM
6	\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_026.0026.D	1/12/2022 9:42:13 PM	1/13/2022 8:30:23 AM

Compound	Curve Fit	1	7	2	3	4	5	6	Avg RF	%RSD
M 1,2-Dibromoethane	Quadratic	159392	172984	204115	194141	184848	174559	160498	178648	9.356
S 1,1,1,2-Tetrachloroethane	Quadratic	30695	128591	236472	288539	326273	374508	411771	256693	53.149

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

Compounds with Curve fitting not using Avg Response Factor:

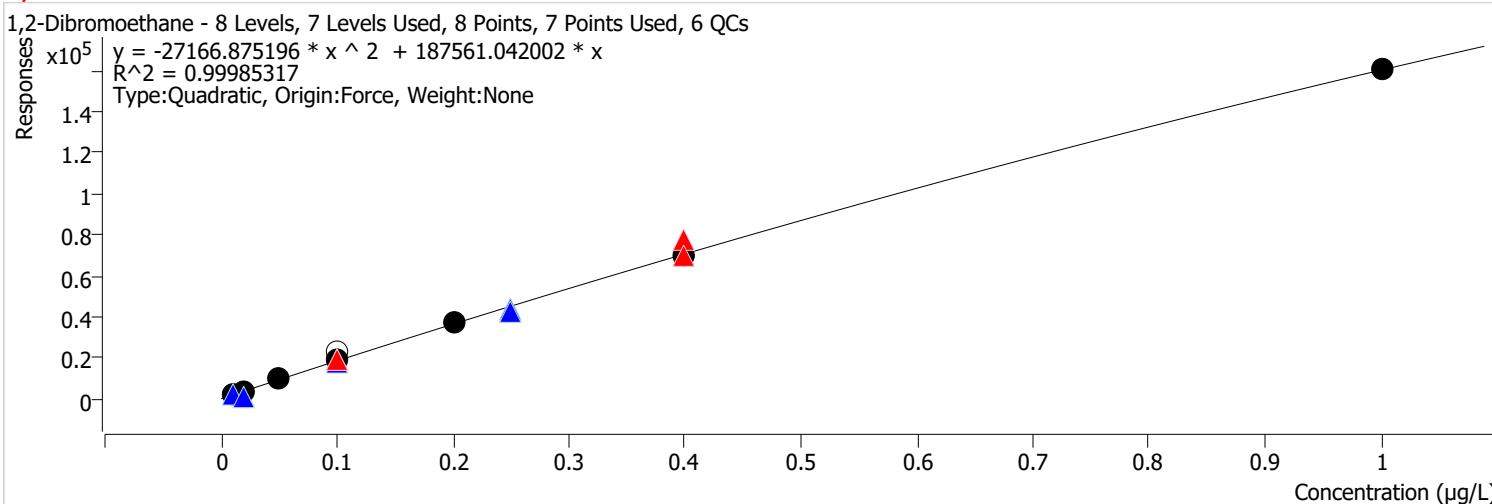
Compound	Curve Fit	Curve Fit Formula	Curve Fit R2
M 1,2-Dibromoethane	Quadratic	$y = -27166.875196 * x^2 + 187561.042002 * x$	0.999853
S 1,1,1,2-Tetrachloroethane	Quadratic	$y = 82934.570899 * x^2 + 334554.767482 * x - 3674.576380$	0.999015

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

Calibration Report

Batch Path	\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\QuantResults\G011222_8011_W_CLT.batch.bin	Analyst Name	BL2000\ctran
Analysis Time	1/13/2022 2:48 PM	Reporter Name	BL2000\srcox
Report Time	1/30/2022 12:21:18 PM	Batch State	Processed
Last Calib Update	1/13/2022 8:30 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

1,2-Dibromoethane %RSE =

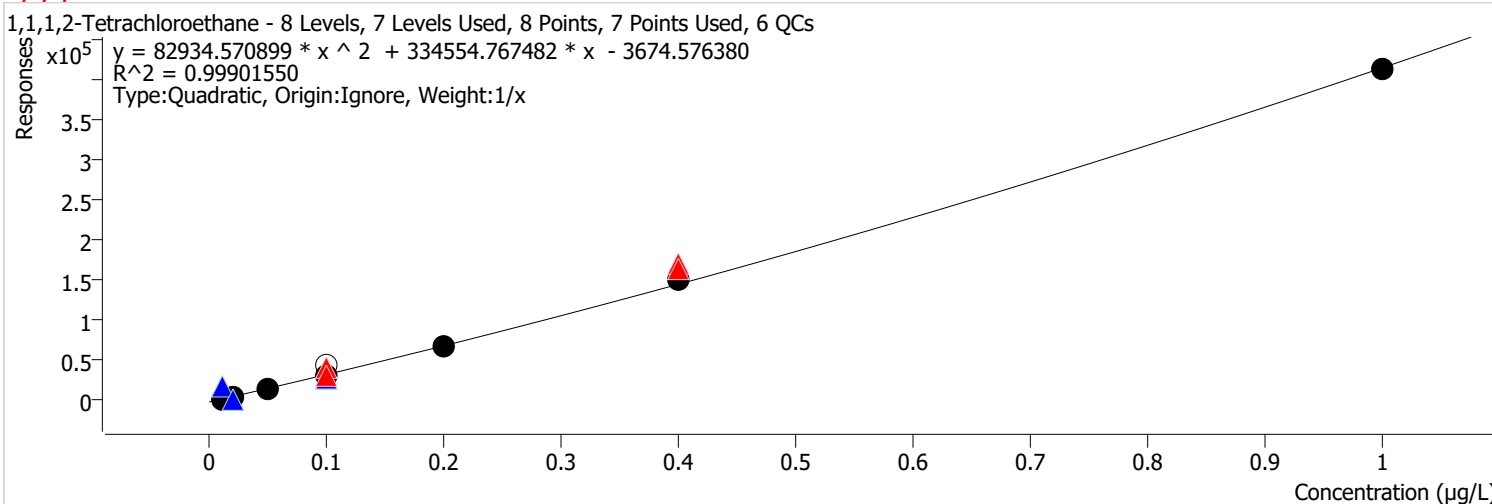


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\GECD.I\G092121\aiexport\G0921_026.0026.D	QC	1	x	1707	0.0100	170728.9447	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_020.0020.D	Calibration	1	x	1594	0.0100	159391.9841	
D:\Org\Data\GECD.I\G091321\aiexport\G0913_018.0018.D	QC	7	x	1335	0.0200	66739.7425	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_021.0021.D	Calibration	7	x	3460	0.0200	172983.6205	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_022.0022.D	Calibration	2	x	10206	0.0500	204114.8796	
\\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	210042.4247	
D:\Org\Data\GECD.I\G122121\aiexport\G1221_061.0061.D	CC	CC3		19101	0.1000	191007.5606	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_051.0051.D	CC	3	x	19488	0.1000	194878.9082	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_032.0032.D	QC	LCS1	x	17452	0.1000	174517.0131	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_029.0029.D	CC	3	x	19099	0.1000	190992.3054	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_023.0023.D	Calibration	3	x	19414	0.1000	194140.5130	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_024.0024.D	Calibration	4	x	36970	0.2000	184847.5104	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_031.0031.D	QC	LCS	x	43708	0.2500	174833.3735	2.821628
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_028.0028.D	QC	LCS	x	41998	0.2500	167993.3221	2.821628
D:\Org\Data\GECD.I\G122121\aiexport\G1221_074.0074.D	CC	CC5	x	77330	0.4000	193324.5351	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_046.0046.D	CC	5	x	69726	0.4000	174315.1103	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_025.0025.D	Calibration	5	x	69824	0.4000	174559.0977	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_026.0026.D	Calibration	6	x	160498	1.0000	160497.6655	

Calibration Report

Batch Path	\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\QuantResults\G011222_8011_W_CLT.batch.bin	Analyst Name	BL2000\ctran
Analysis Time	1/13/2022 2:48 PM	Reporter Name	BL2000\srcox
Report Time	1/30/2022 12:21:21 PM	Batch State	Processed
Last Calib Update	1/13/2022 8:30 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

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

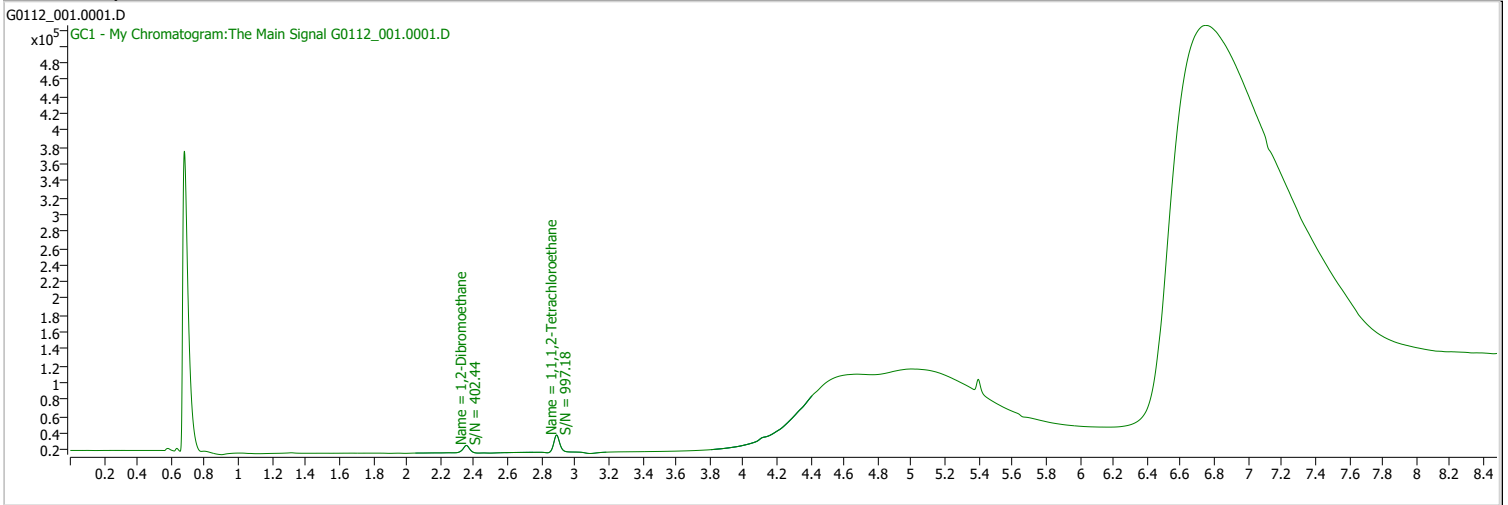


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\GECD.I\G092121\aiexport\G0921_026.0026.D	QC	1	x	15026	0.0100	1502610.5883	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_020.0020.D	Calibration	1	x	307	0.0100	30694.5827	
D:\Org\Data\GECD.I\G091321\aiexport\G0913_018.0018.D	QC	7	x	686	0.0200	34275.7771	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_021.0021.D	Calibration	7	x	2572	0.0200	128590.7197	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_022.0022.D	Calibration	2	x	11824	0.0500	236472.2256	
\\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\G011222\aiexport\G0112_051.0051.D	CC	3	x	39967	0.1000	399666.3643	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_032.0032.D	QC	LCS1	x	25058	0.1000	250576.8197	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_031.0031.D	QC	LCS	x	25307	0.1000	253074.2594	0.782511
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_029.0029.D	CC	3	x	29249	0.1000	292492.1899	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_028.0028.D	QC	LCS	x	25029	0.1000	250289.0552	0.782511
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_023.0023.D	Calibration	3	x	28854	0.1000	288539.0639	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_024.0024.D	Calibration	4	x	65255	0.2000	326273.4636	
D:\Org\Data\GECD.I\G122121\aiexport\G1221_074.0074.D	CC	CC5	x	169695	0.4000	424236.9956	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_046.0046.D	CC	5	x	161981	0.4000	404951.9338	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_025.0025.D	Calibration	5	x	149803	0.4000	374508.4835	
\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_026.0026.D	Calibration	6	x	411771	1.0000	411770.7220	

Quantitation Results Report (QT Reviewed)

Data File	G0112_001.0001.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 10:59:35 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

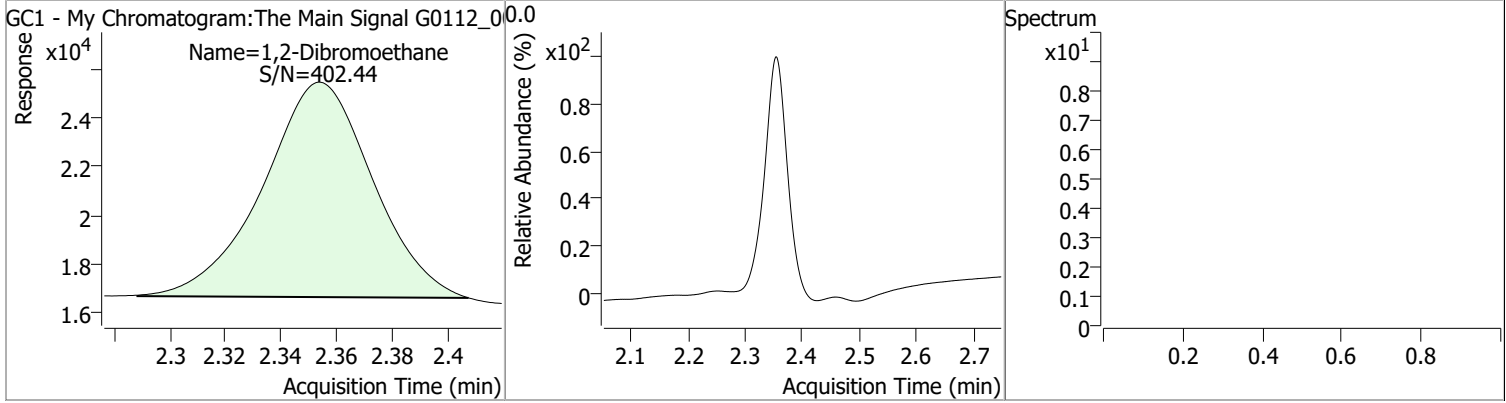


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.890	0.0	61215	0.1854	µg/L	0.004
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 185.43% *		
Target Compounds						
M 1,2-Dibromoethane	2.353	0.0	24012	0.1305	µg/L	100

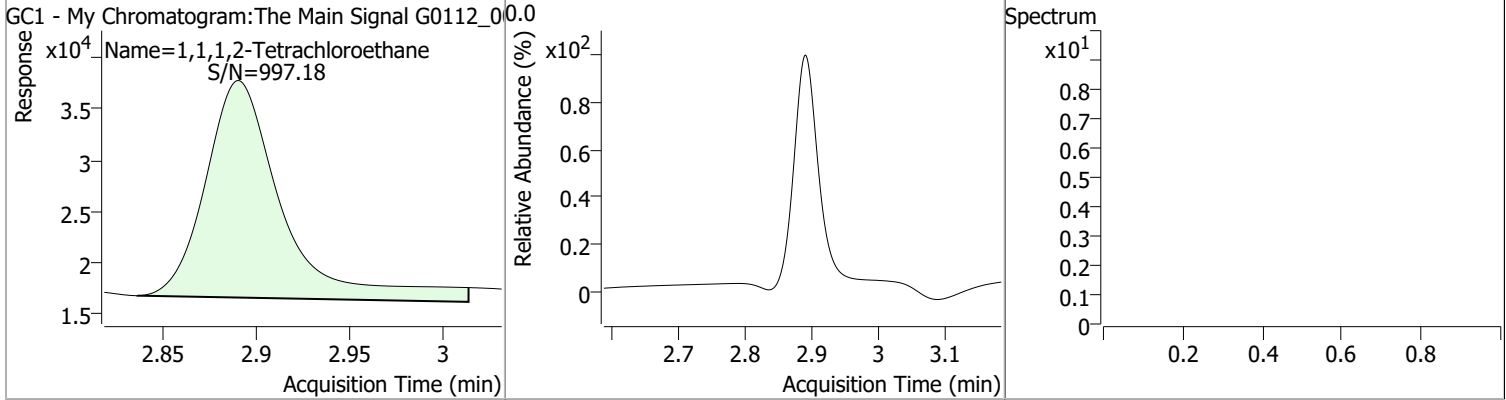
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1305	2.35	0.00	24012				



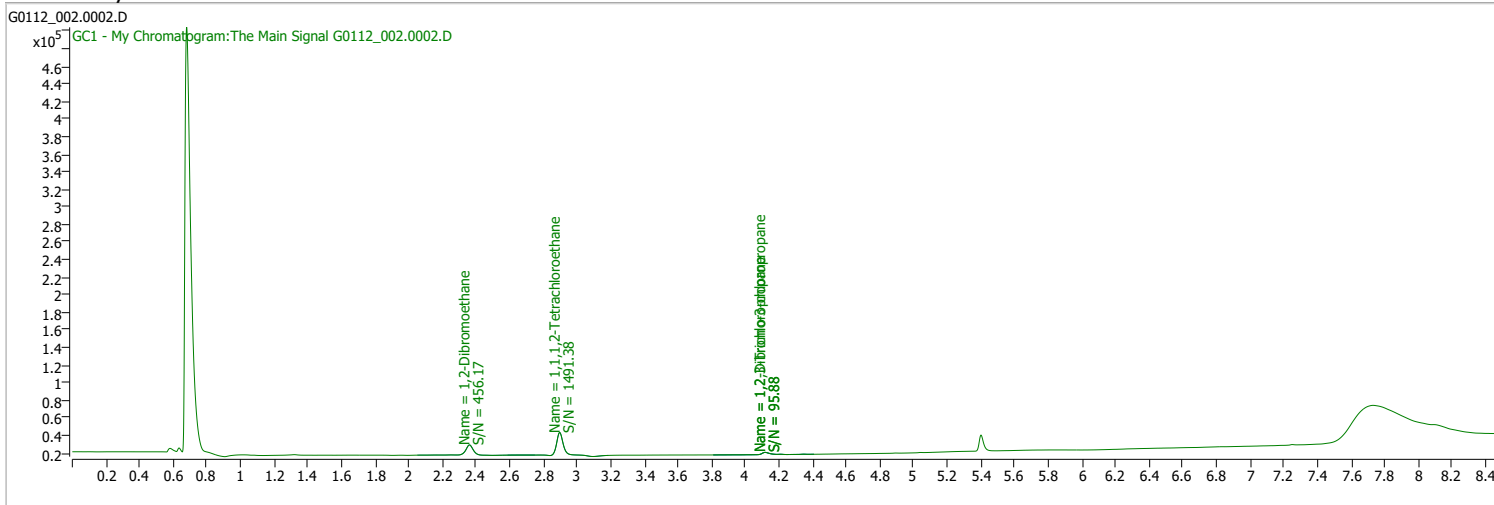
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1854	2.89	0.00	61215				



Quantitation Results Report (QT Reviewed)

Data File	G0112_002.0002.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 11:18:59 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

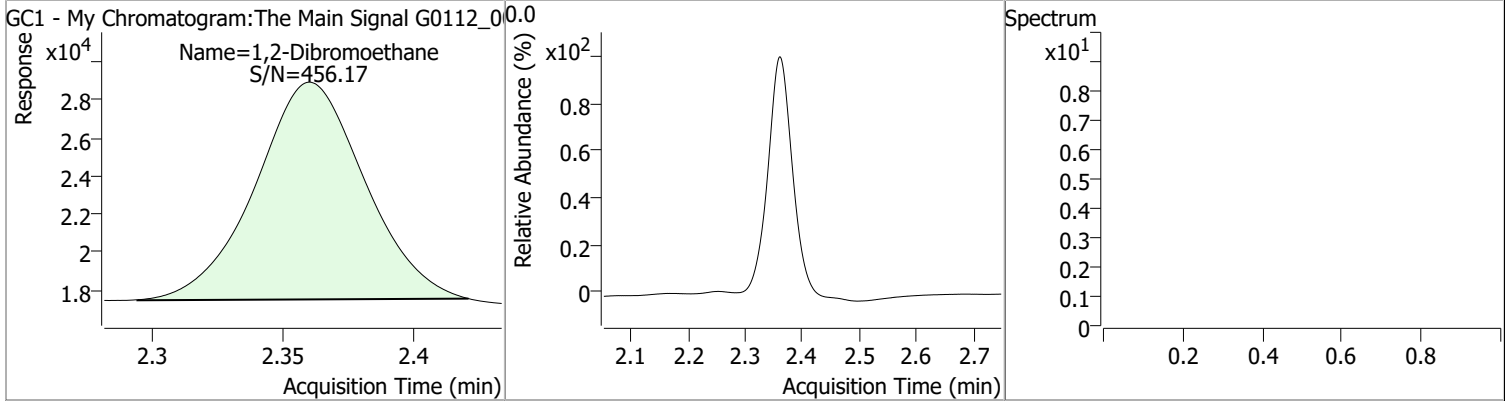


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.897	0.0	73132	0.2178	µg/L	0.011
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 217.82%	*	
Target Compounds						
M 1,2-Dibromoethane	2.360	0.0	33264	0.1822	µg/L	QValue 100

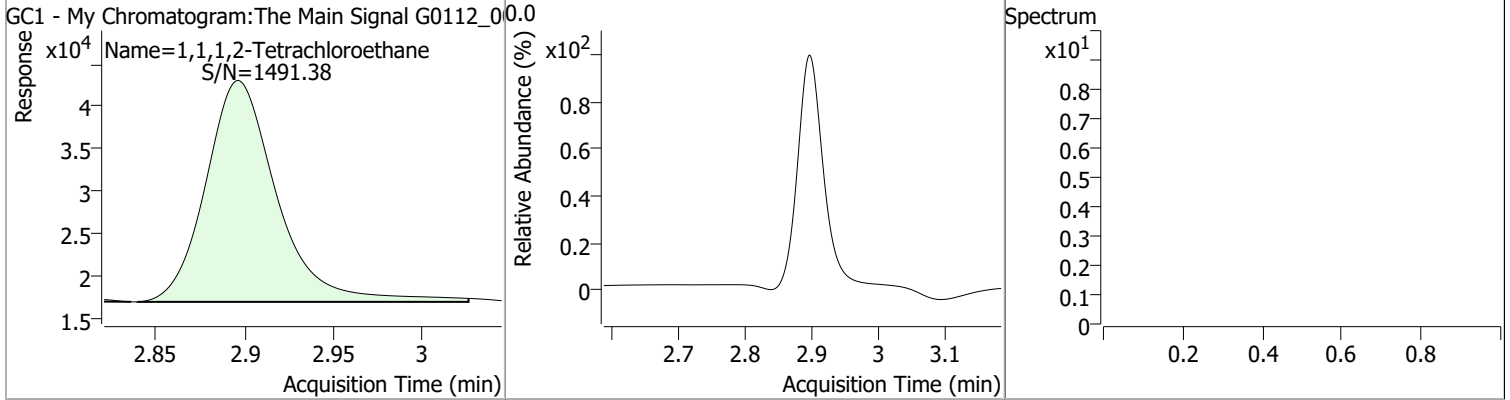
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1822	2.36	0.01	33264				



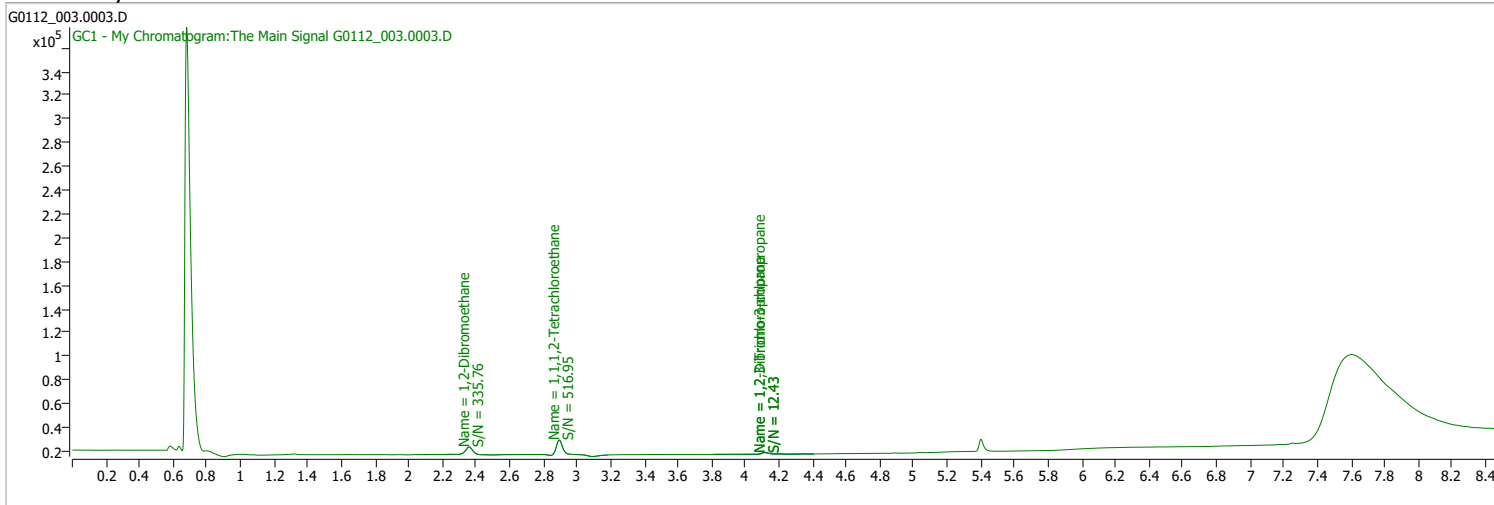
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.2178	2.90	0.01	73132				



Quantitation Results Report (QT Reviewed)

Data File	G0112_003.0003.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 11:38:53 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

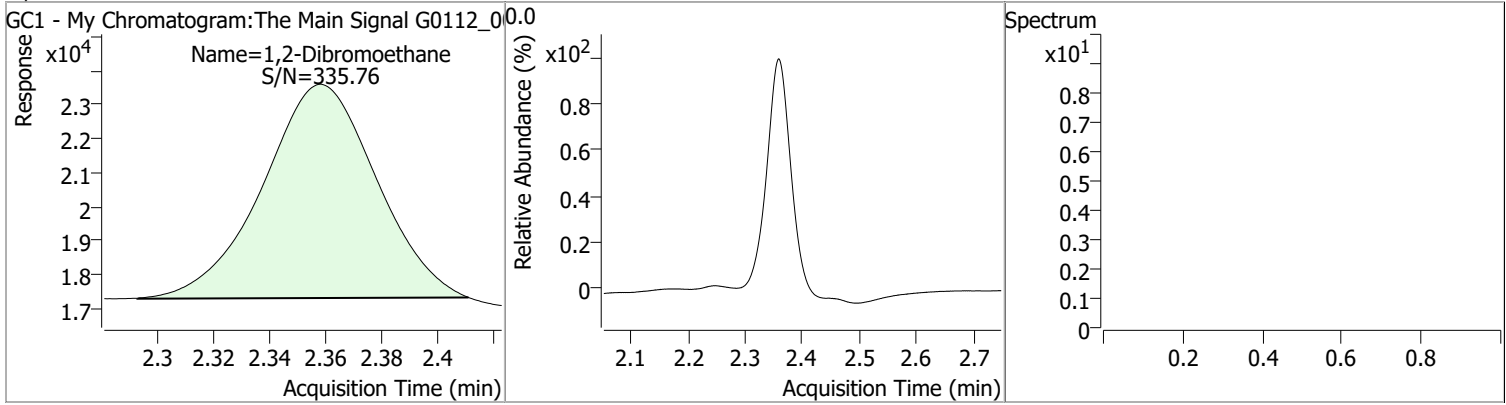


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.893	0.0	37839	0.1205	µg/L	0.007
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 120.49%		
Target Compounds						
M 1,2-Dibromoethane	2.358	0.0	17895	0.0968	µg/L	100

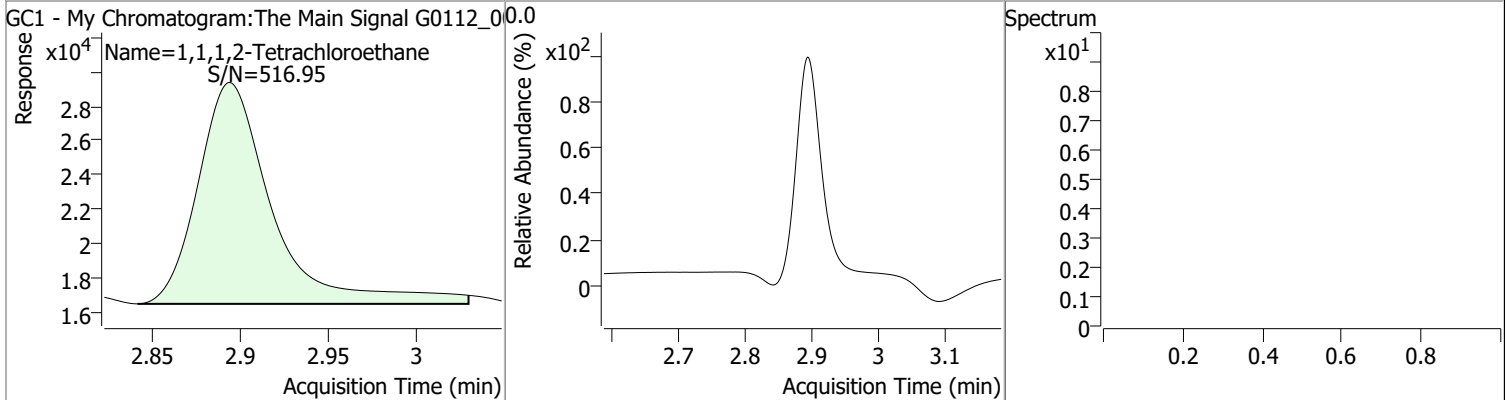
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0968	2.36	0.01	17895				



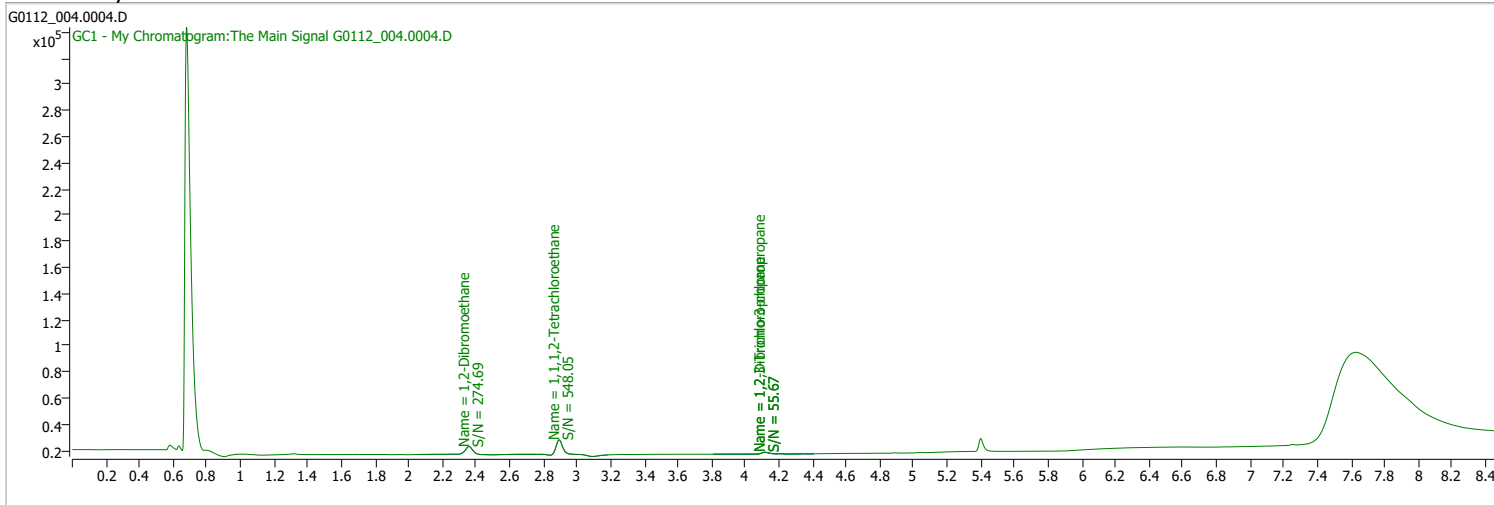
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1205	2.89	0.01	37839				



Quantitation Results Report (QT Reviewed)

Data File	G0112_004.0004.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 11:59:04 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

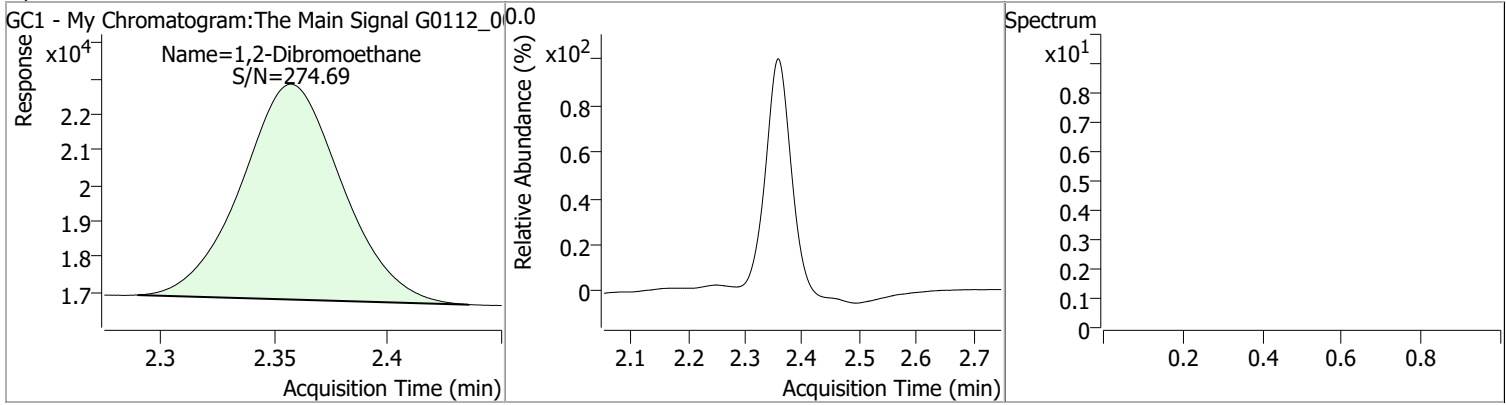


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.893	0.0	40798	0.1288	µg/L	0.007
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 128.82%		
Target Compounds						
M 1,2-Dibromoethane	2.358	0.0	18743	0.1014	µg/L	100

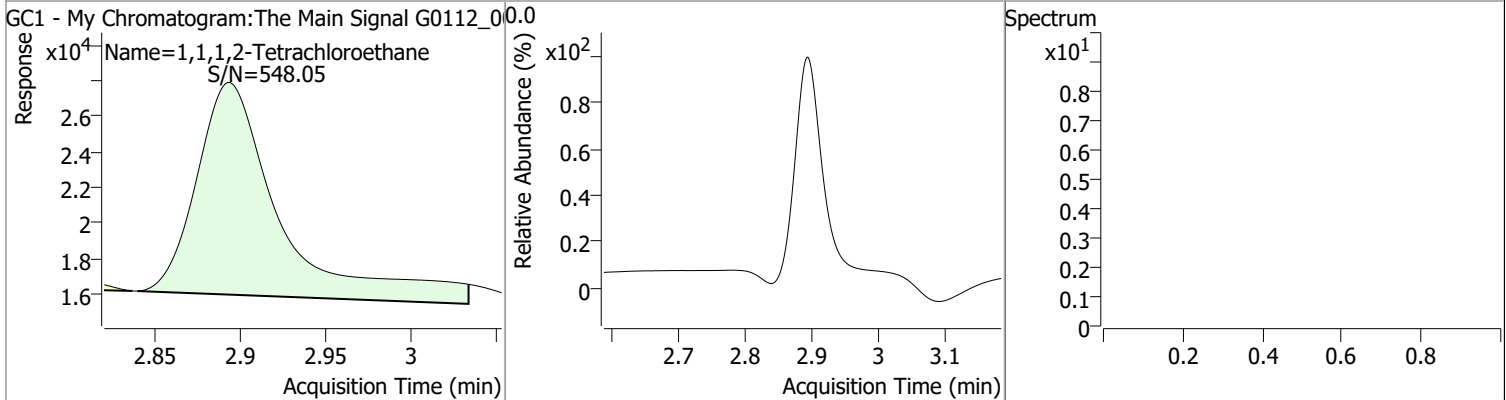
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1014	2.36	0.01	18743				



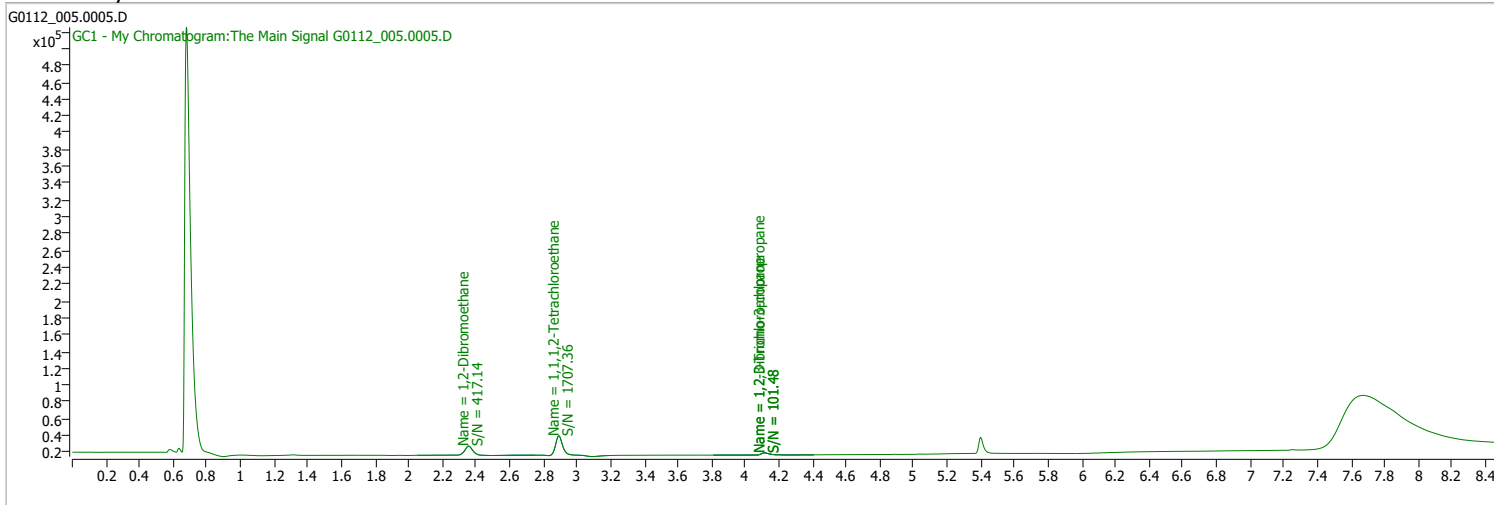
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1288	2.89	0.01	40798				



Quantitation Results Report (QT Reviewed)

Data File	G0112_005.0005.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 12:19:08 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

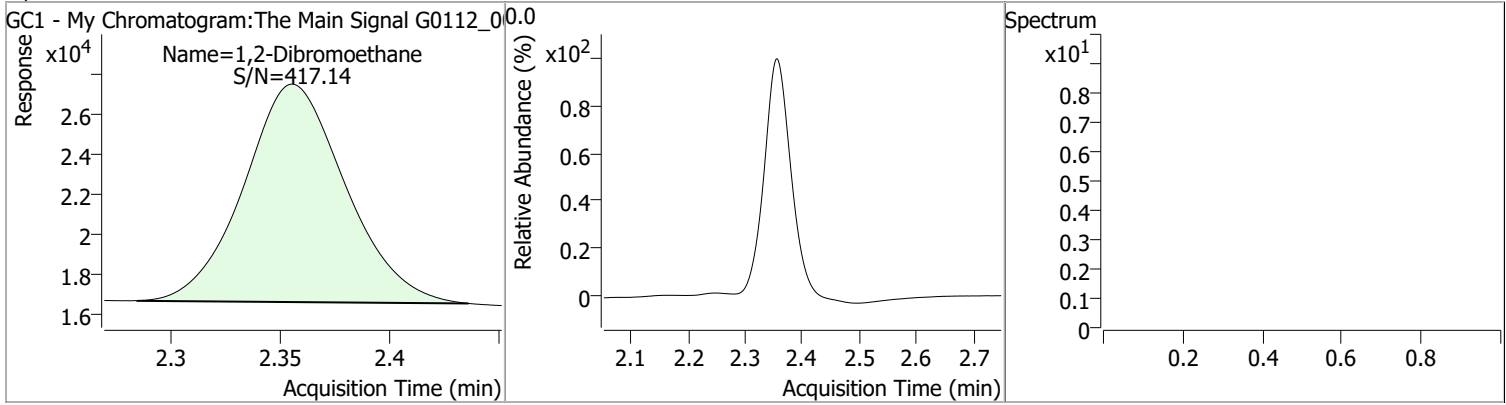


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.891	0.0	76791	0.2277	µg/L	0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 227.67%	*	
Target Compounds						
M 1,2-Dibromoethane	2.355	0.0	35104	0.1925	µg/L	QValue 100

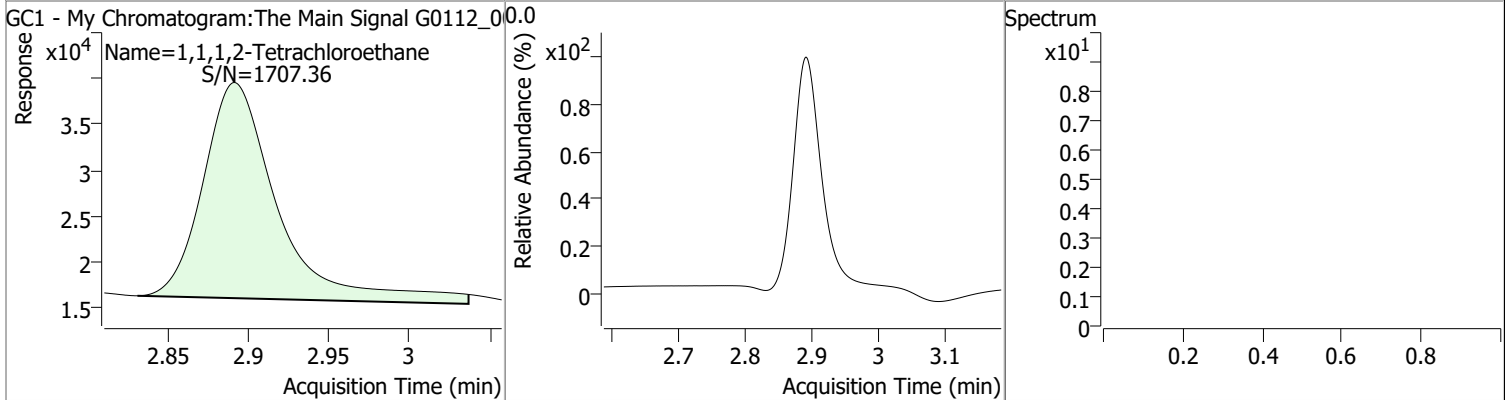
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1925	2.36	0.00	35104				



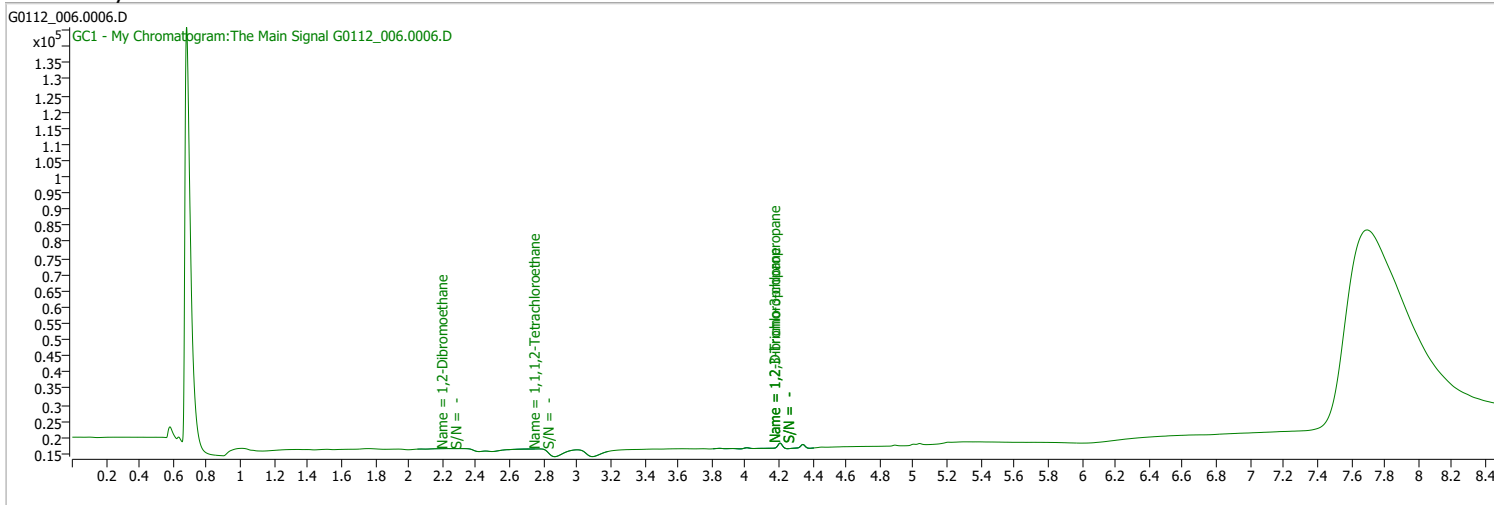
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.2277	2.89	0.00	76791				



Quantitation Results Report (QT Reviewed)

Data File	G0112_006.0006.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 12:39:10 PM
Sample Name	Hexane	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

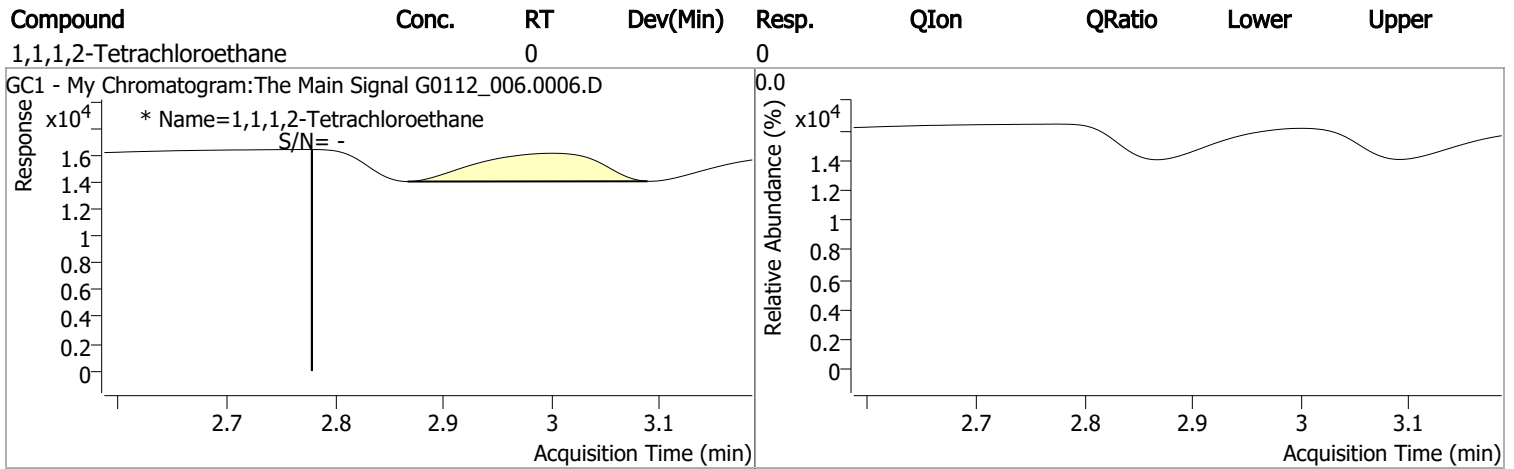
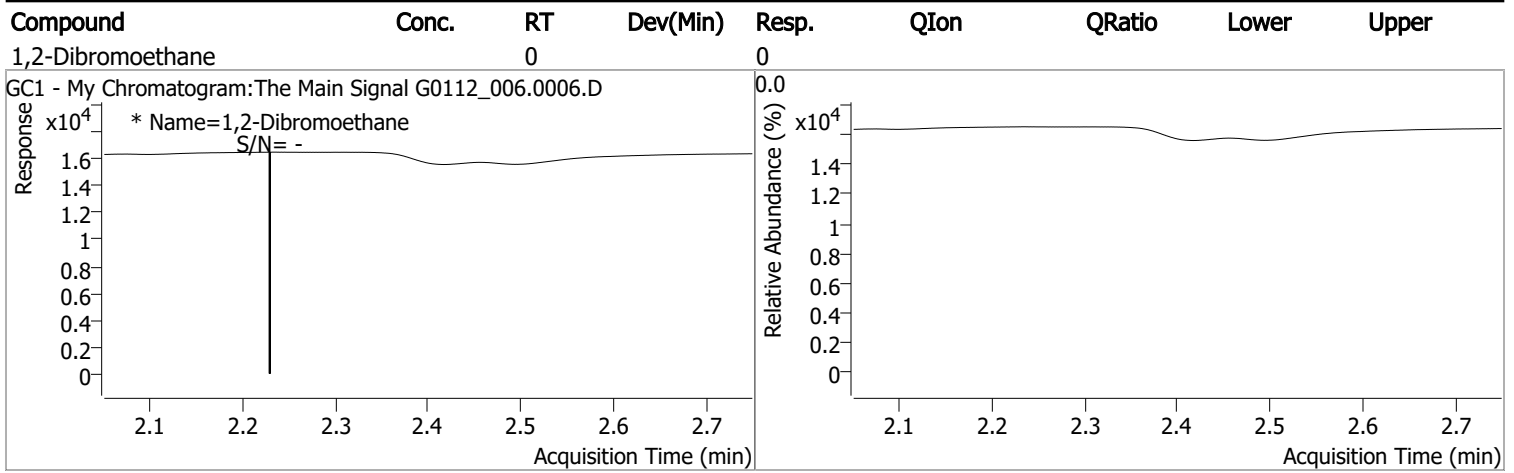
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.778	0.0	0		µg/L	md
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%		
Target Compounds						
M 1,2-Dibromoethane	2.229	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

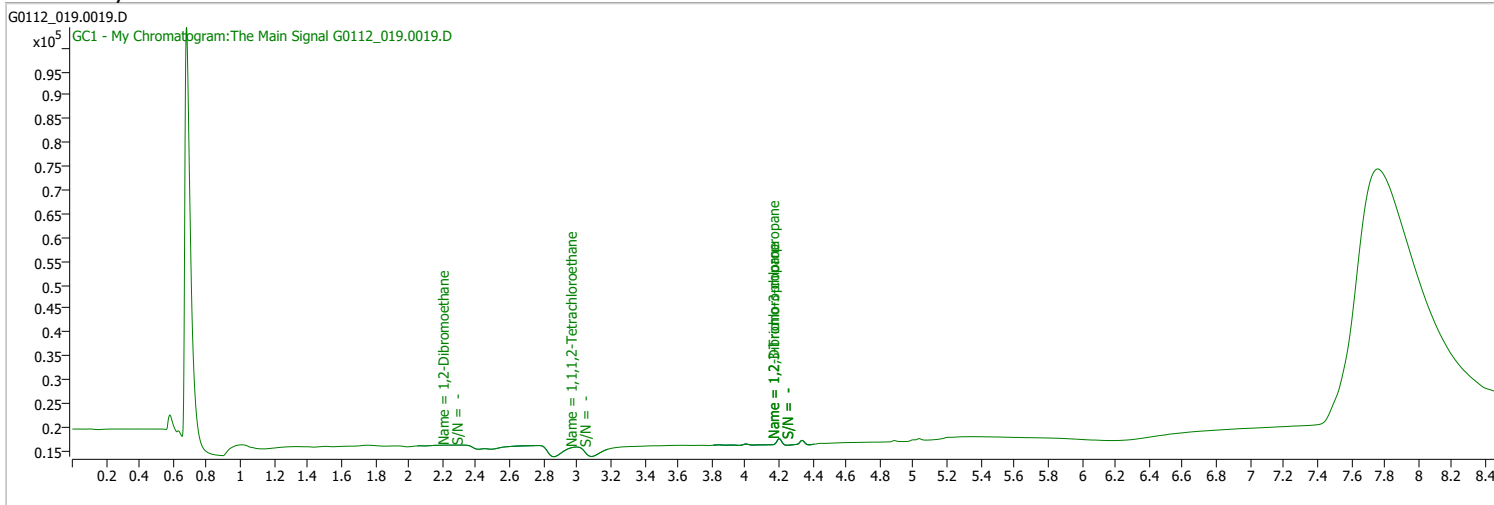
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_019.0019.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 7:21:45 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

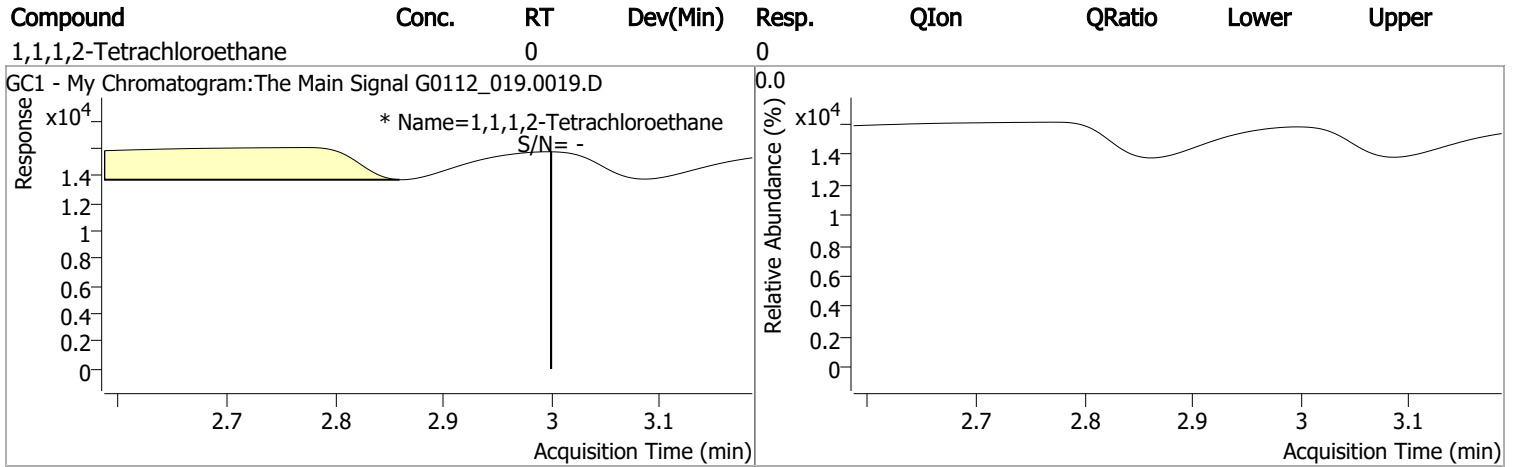
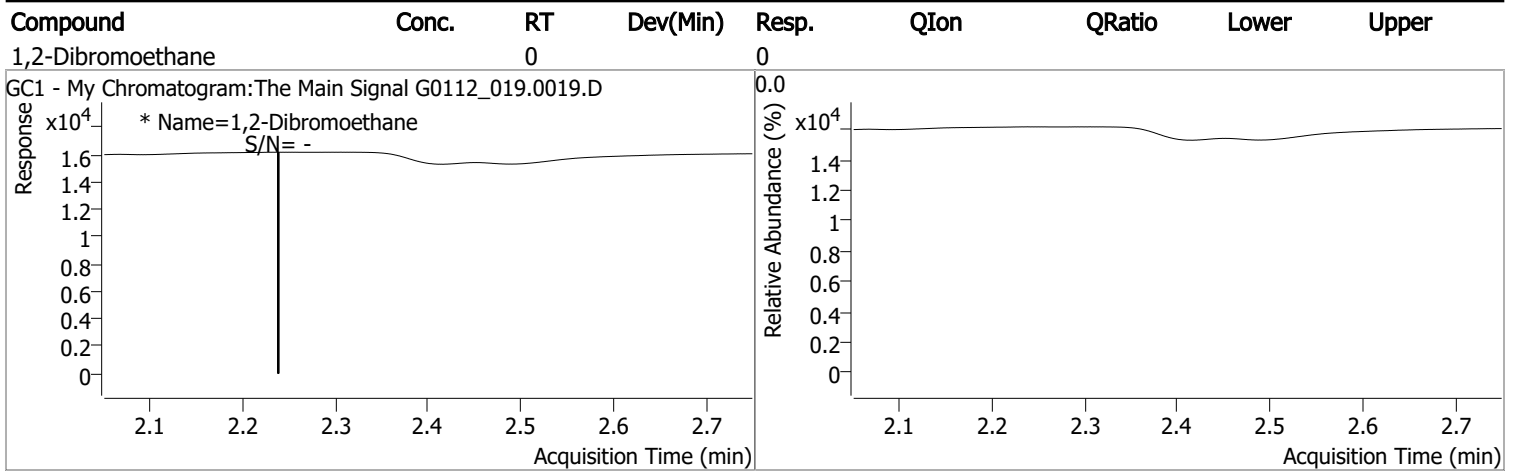
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.999	0.0	0		µg/L	md 0.113
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%		
Target Compounds						
M 1,2-Dibromoethane	2.238	0.0	0		µg/L	md 1

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

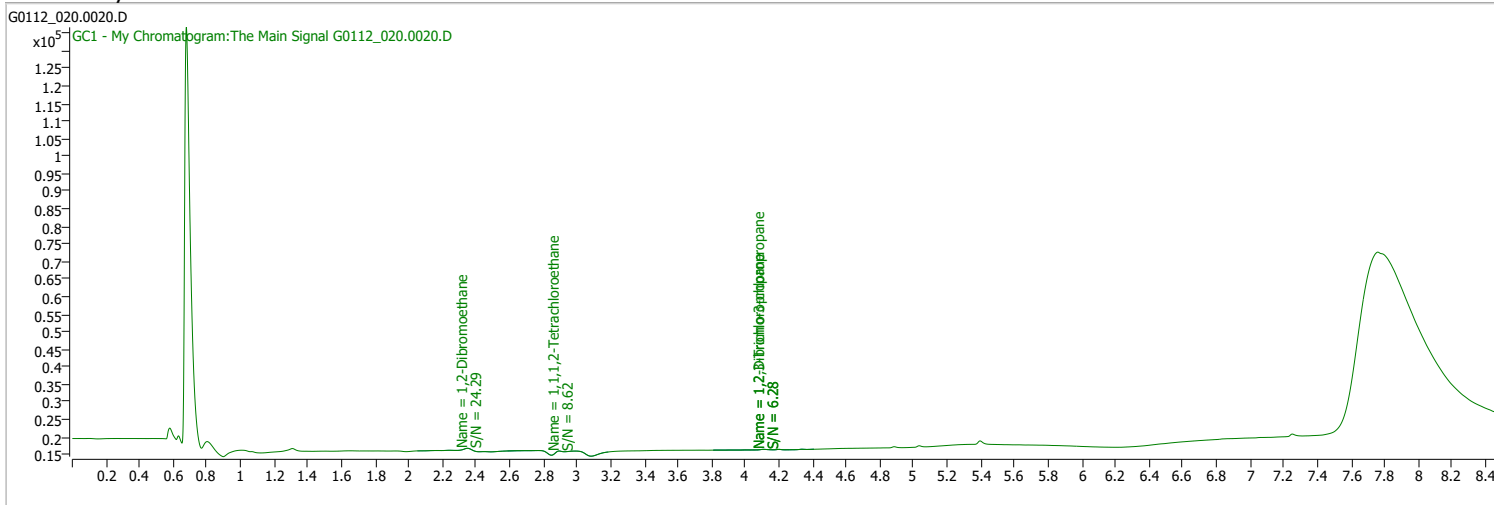
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_020.0020.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 7:41:43 PM
Sample Name	CAL1-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

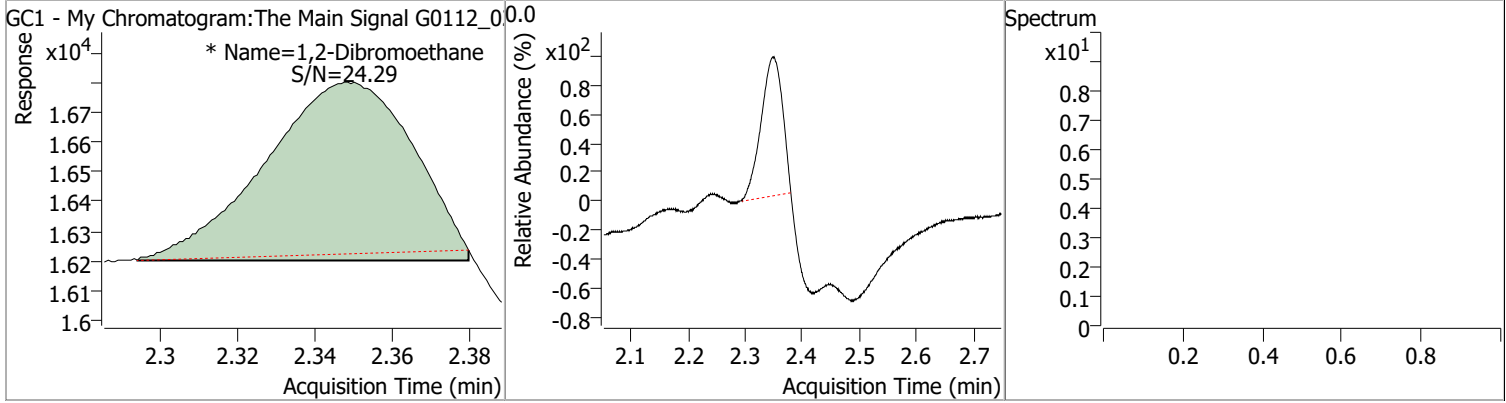


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.892	0.0	307	0.0119	µg/L	m
Spiked Amount: 0.100				Range: 70.0 - 130.0%		Recovery = 11.87%
						*
Target Compounds						
M 1,2-Dibromoethane	2.348	0.0	1594	0.0085	µg/L	m
						QValue
						100

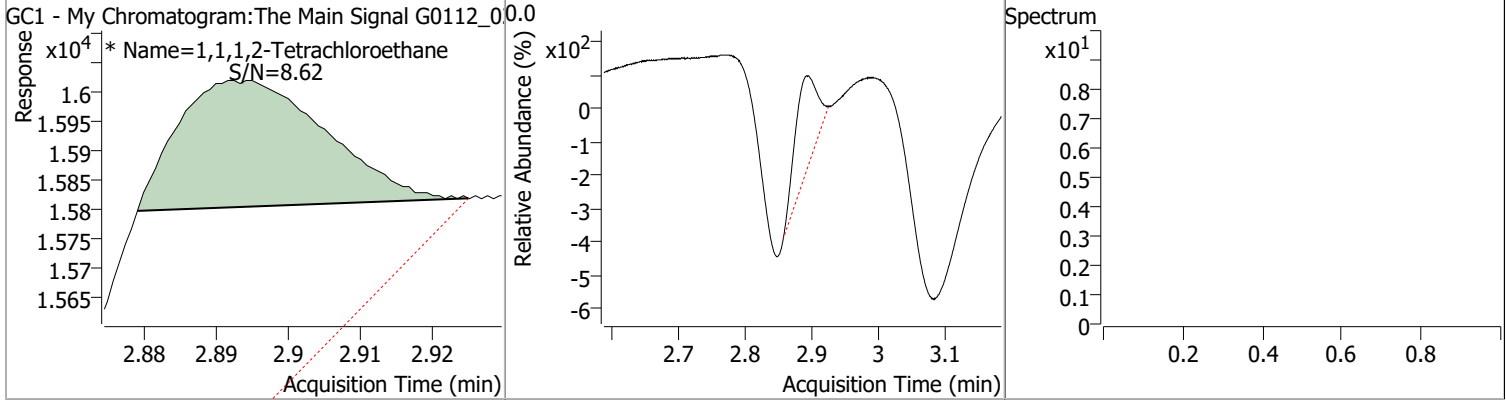
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0085	2.35	0.00	1594 (m)				



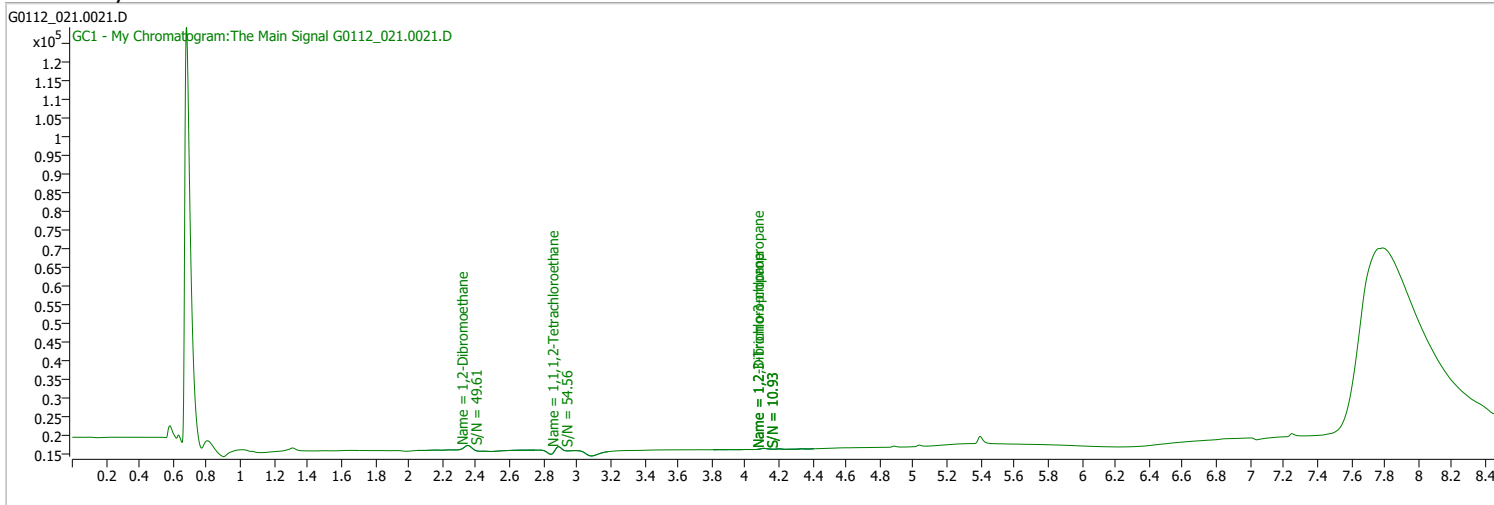
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0119	2.89	0.01	307 (m)				



Quantitation Results Report (QT Reviewed)

Data File	G0112_021.0021.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 8:02:01 PM
Sample Name	CAL7-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

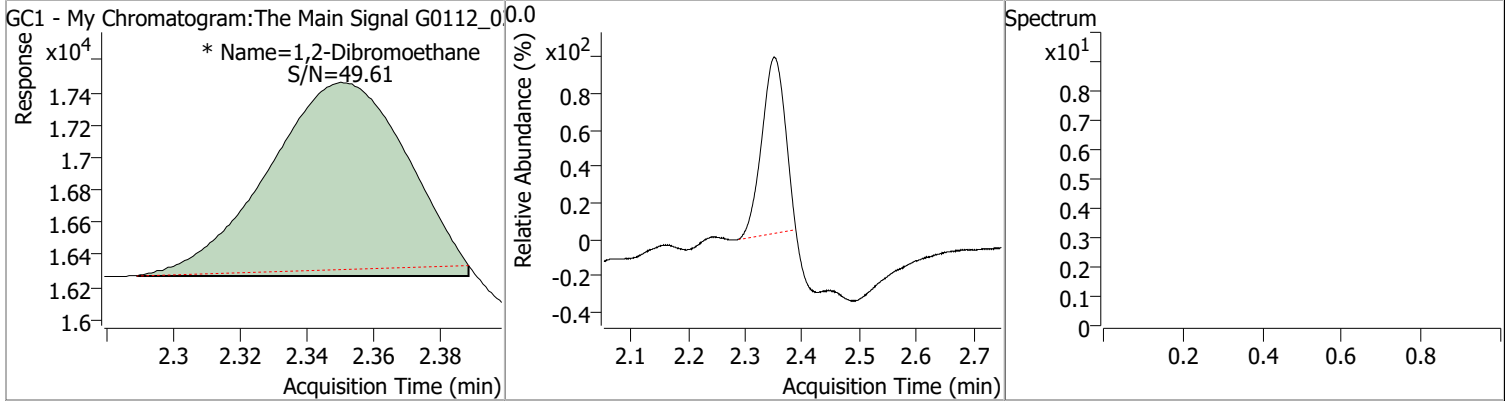


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.890	0.0	2572	0.0186	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 18.59%		*
Target Compounds						
M 1,2-Dibromoethane	2.350	0.0	3460	0.0185	µg/L	m
						QValue 100

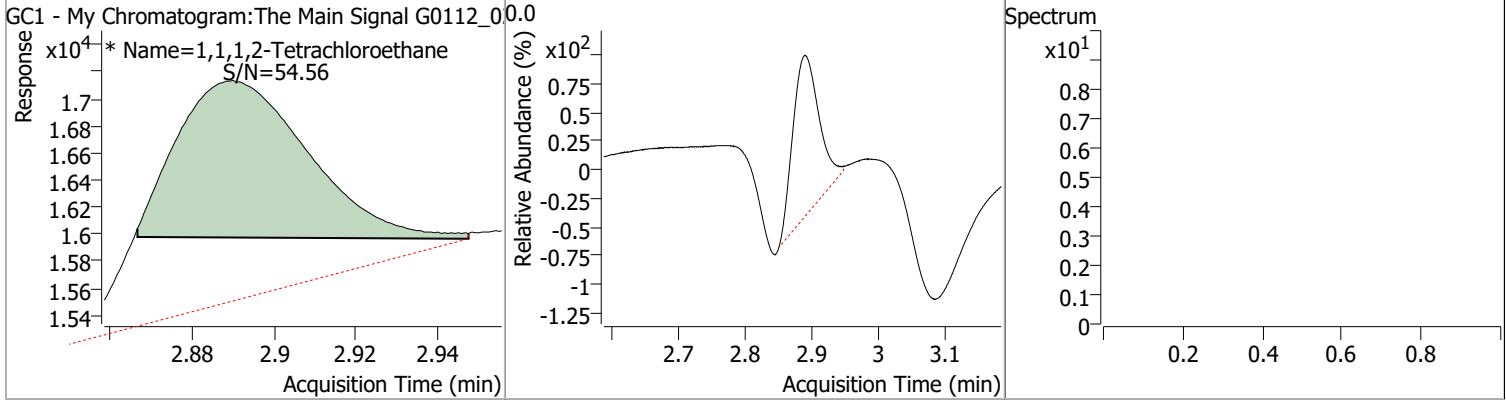
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0185	2.35	0.00	3460 (m)				



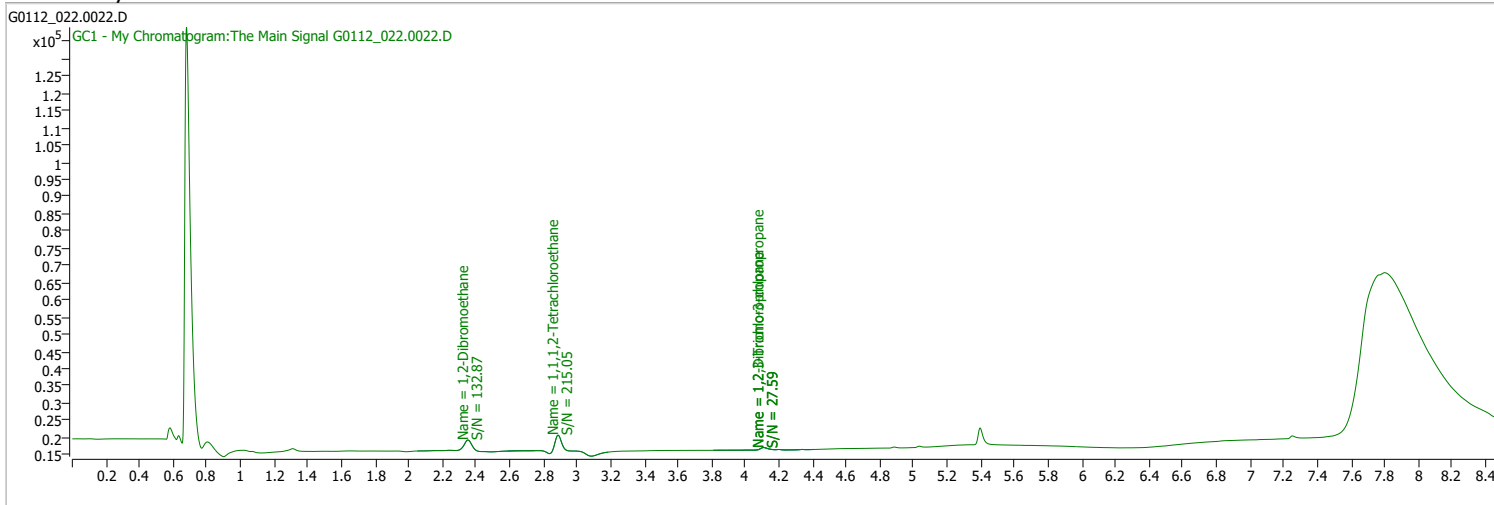
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0186	2.89	0.00	2572 (m)				



Quantitation Results Report (QT Reviewed)

Data File	G0112_022.0022.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 8:22:03 PM
Sample Name	CAL2-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

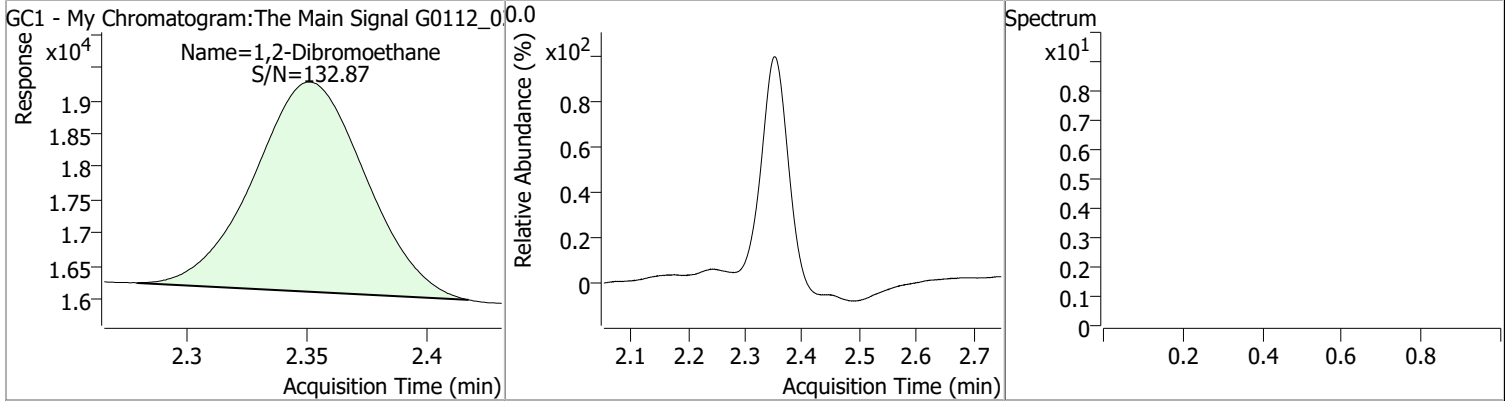


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.887	0.0	11824	0.0458	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 45.80%		*
Target Compounds						
M 1,2-Dibromoethane	2.352	0.0	10206	0.0548	µg/L	QValue 100

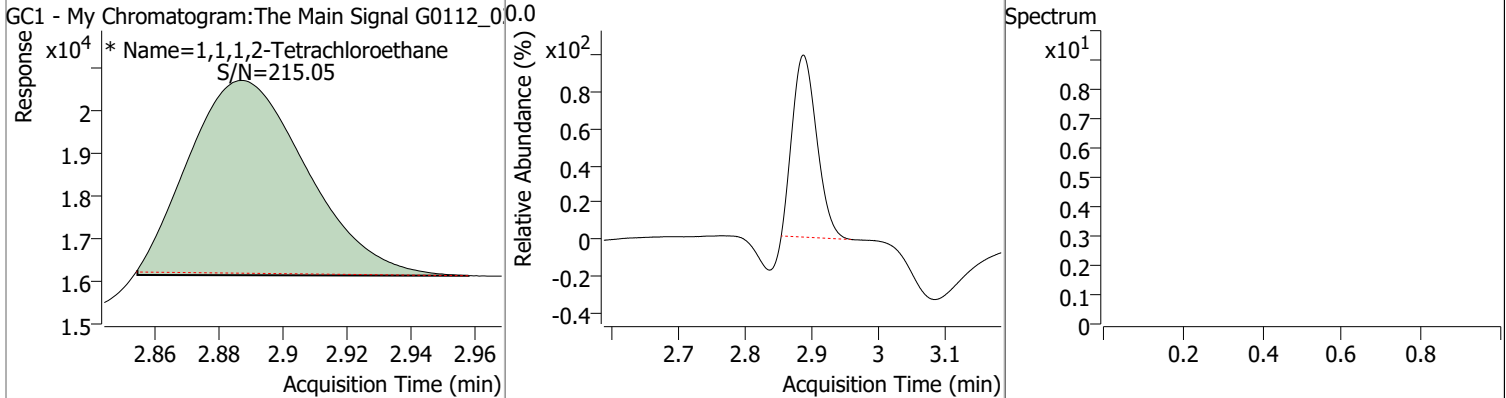
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0548	2.35	0.00	10206				



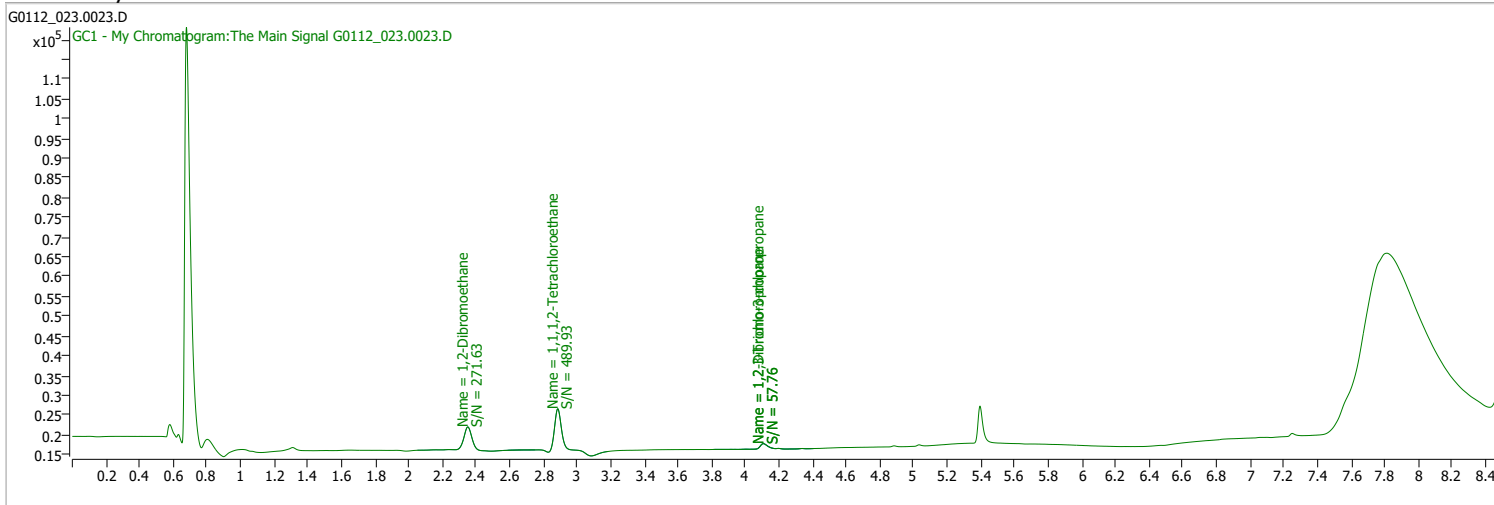
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0458	2.89	0.00	11824 (m)				



Quantitation Results Report (QT Reviewed)

Data File	G0112_023.0023.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 8:41:59 PM
Sample Name	CAL3-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 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	2.885	0.0	28854	0.0950	µg/L	m	-0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 94.99%			

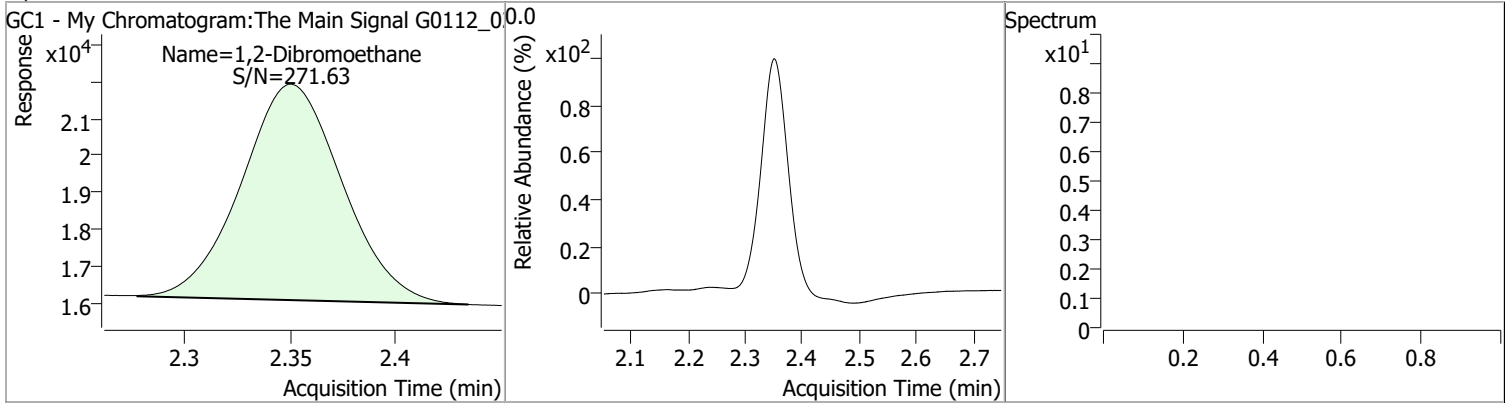
Target Compounds

M 1,2-Dibromoethane	2.351	0.0	19414	0.1051	µg/L		QValue 100
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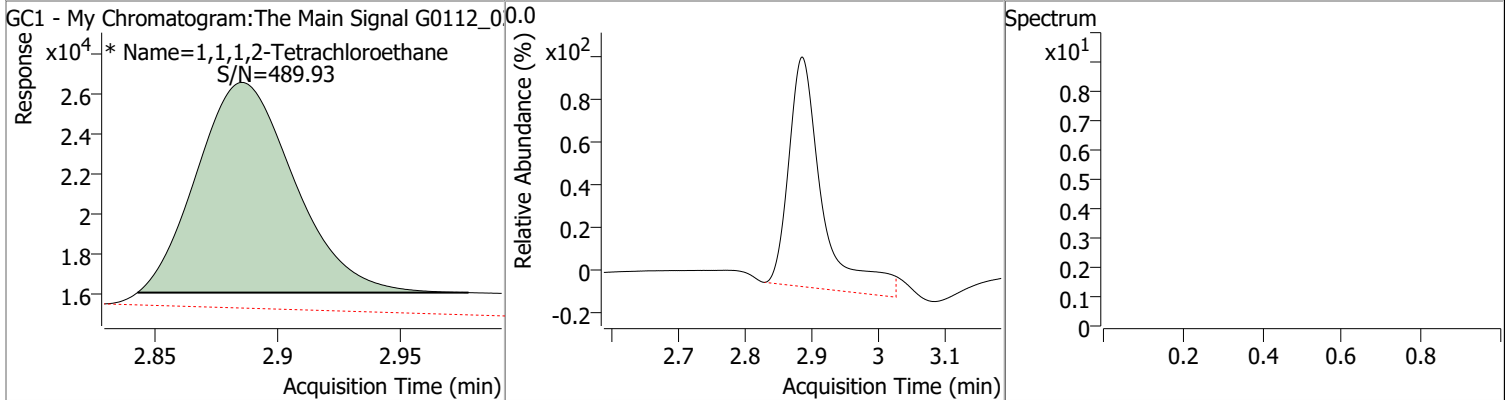
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1051	2.35	0.00	19414				



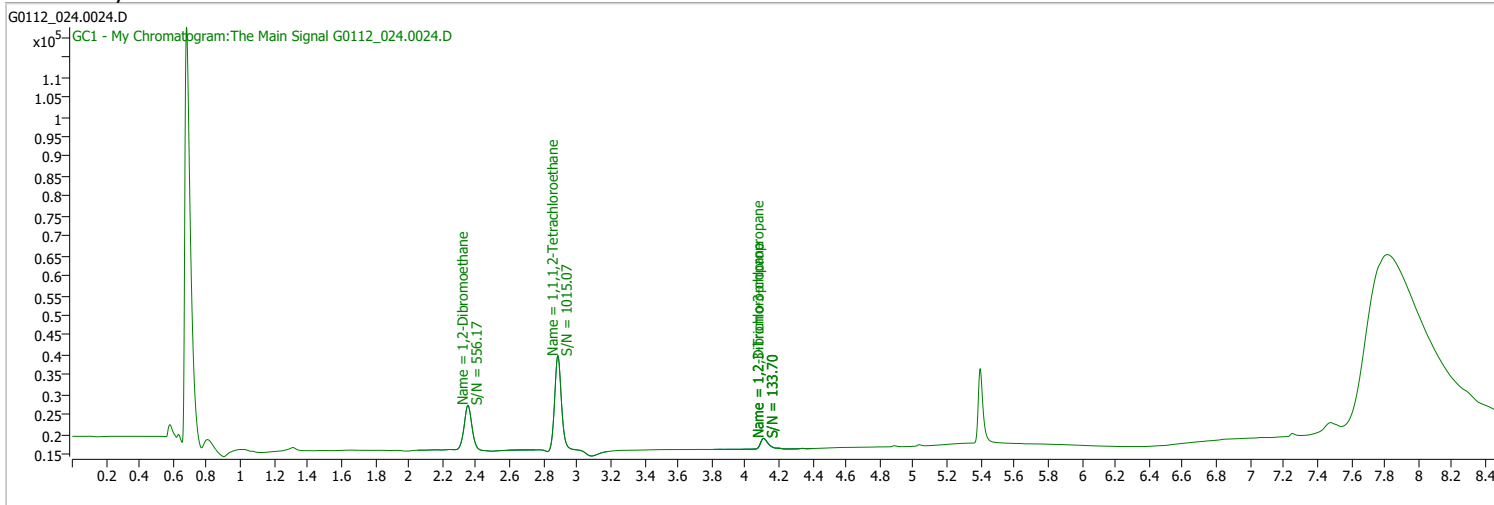
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0950	2.89	0.00	28854 (m)				



Quantitation Results Report (QT Reviewed)

Data File	G0112_024.0024.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 9:02:04 PM
Sample Name	CAL4-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

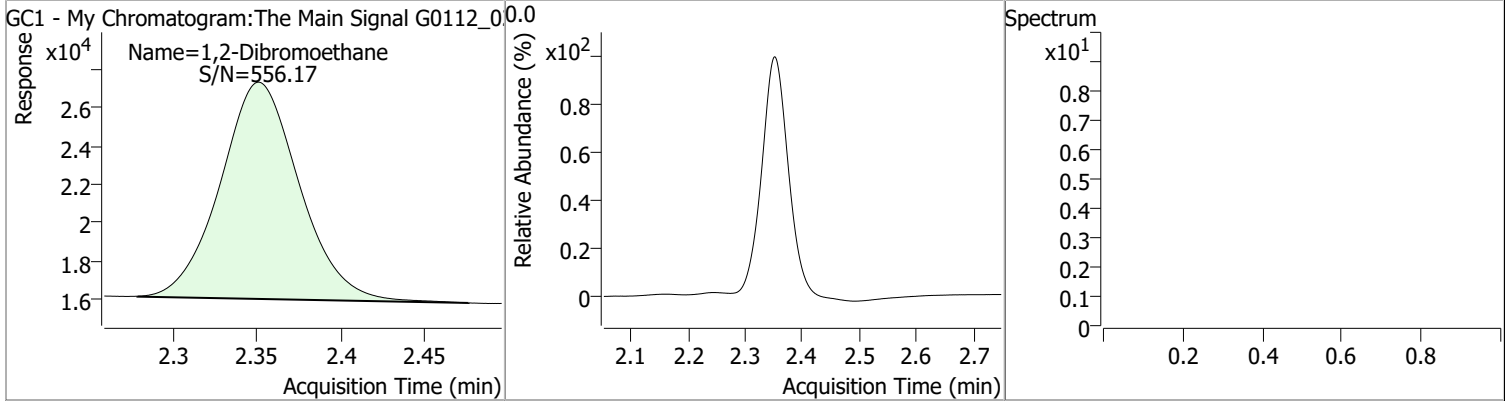


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.886	0.0	65255	0.1965	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 196.46%		*
Target Compounds						
M 1,2-Dibromoethane	2.351	0.0	36970	0.2031	µg/L	QValue 100

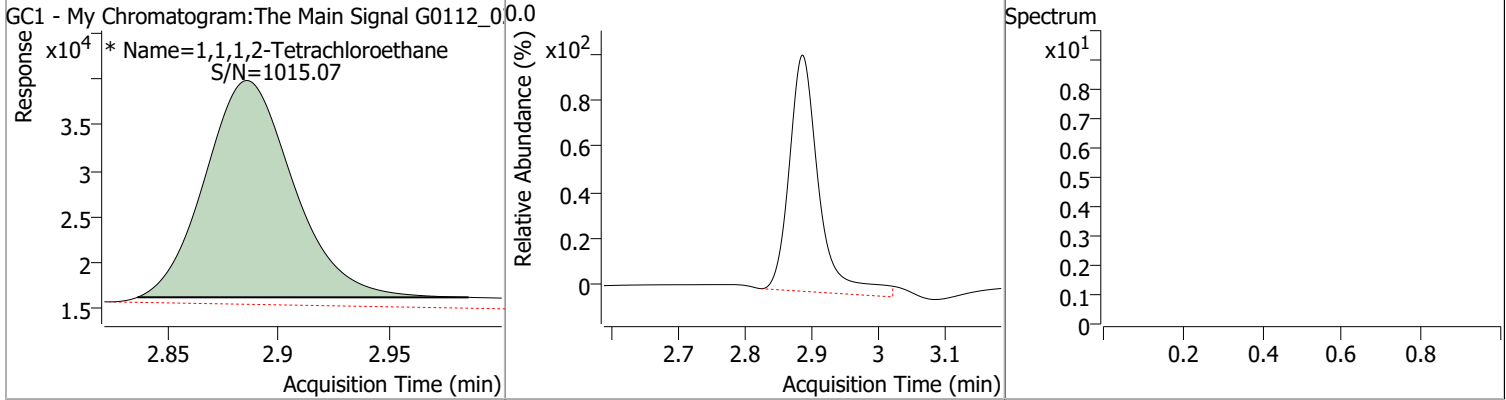
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2031	2.35	0.00	36970				



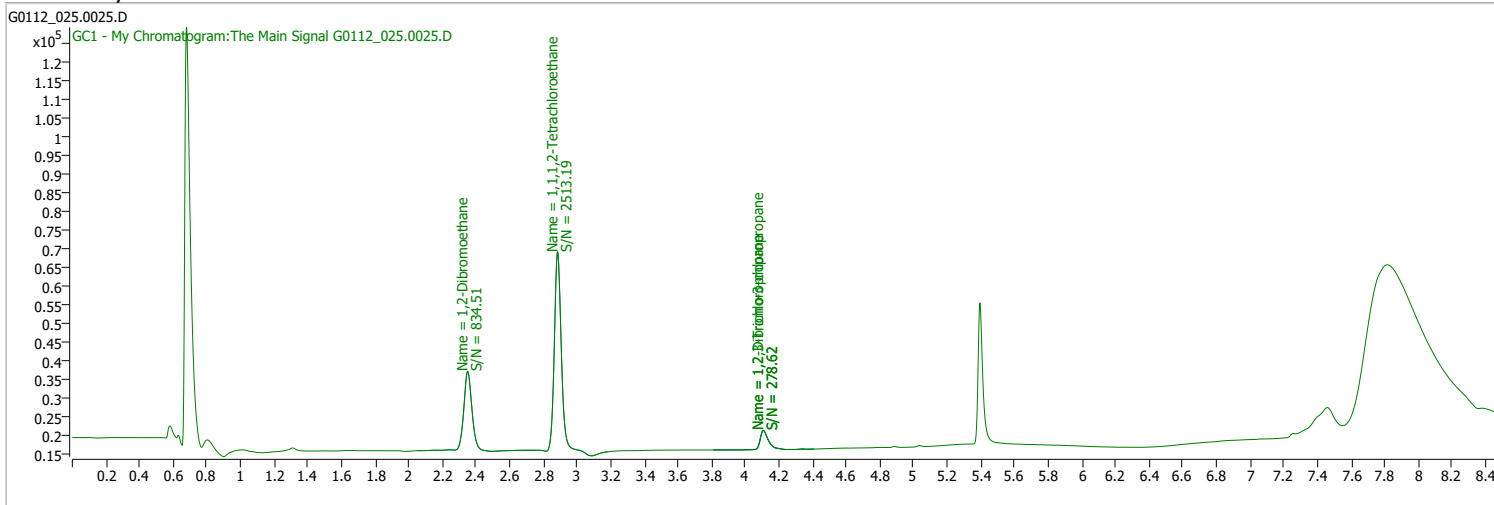
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1965	2.89	0.00	65255 (m)				



Quantitation Results Report (QT Reviewed)

Data File	G0112_025.0025.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 9:22:09 PM
Sample Name	CAL5-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

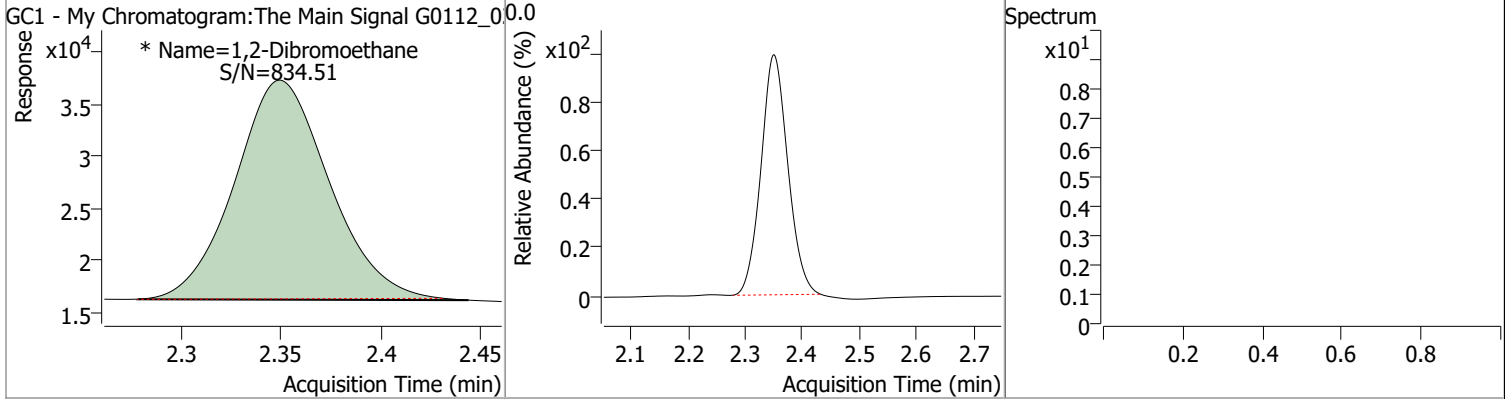


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.884	0.0	149803	0.4159	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 415.88%		*
Target Compounds						
M 1,2-Dibromoethane	2.349	0.0	69824	0.3949	µg/L	m
						QValue 100

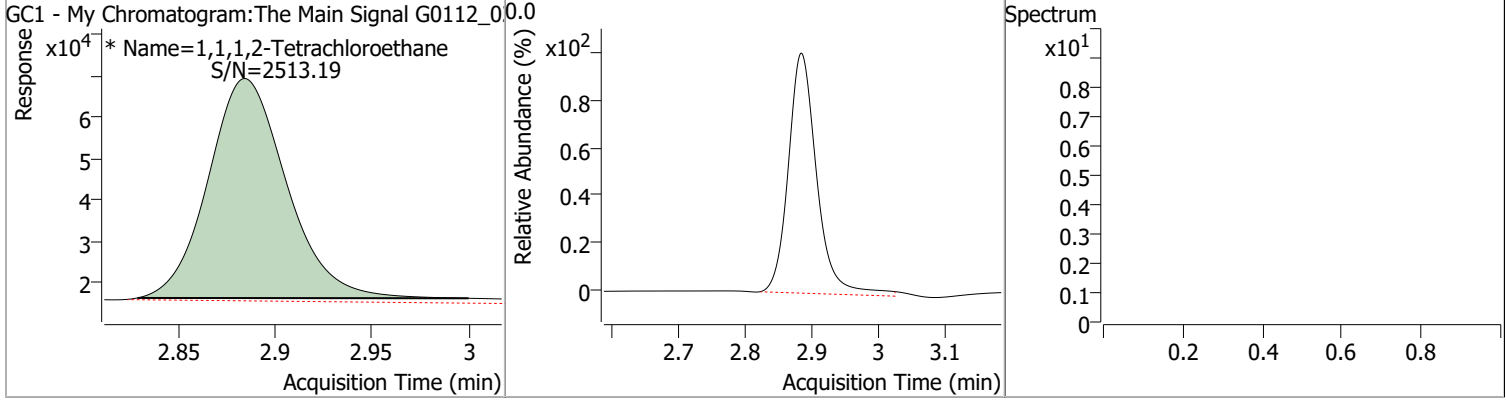
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.3949	2.35	0.00	69824 (m)				



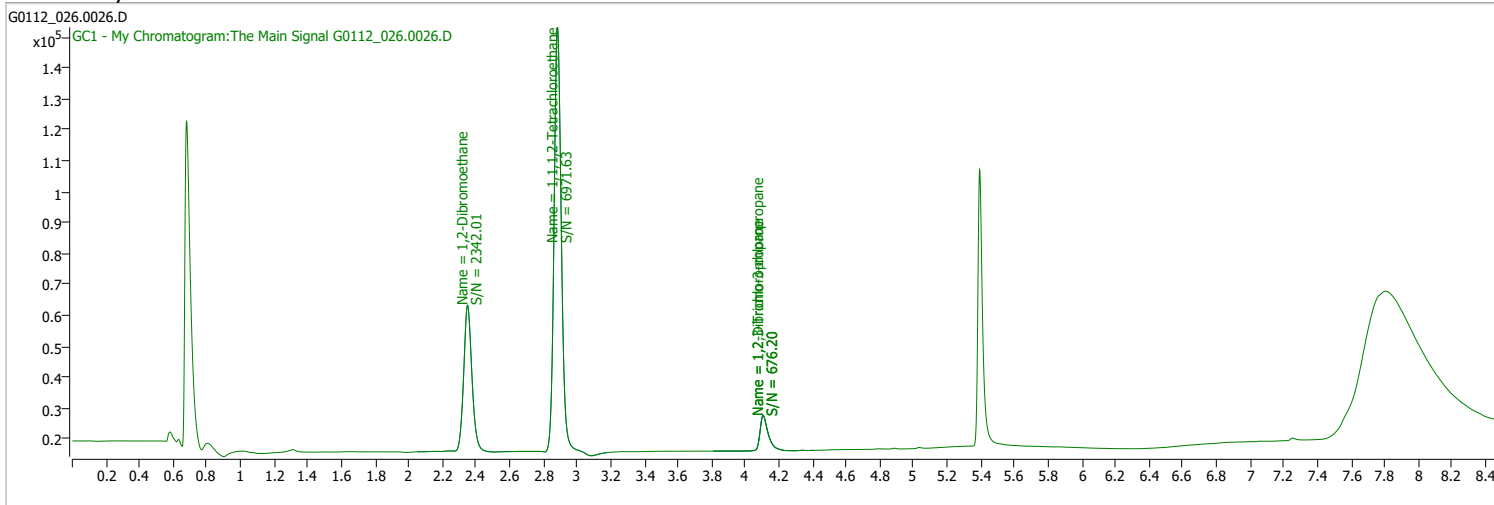
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4159	2.88	0.00	149803 (m)				



Quantitation Results Report (QT Reviewed)

Data File	G0112_026.0026.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 9:42:13 PM
Sample Name	CAL6-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

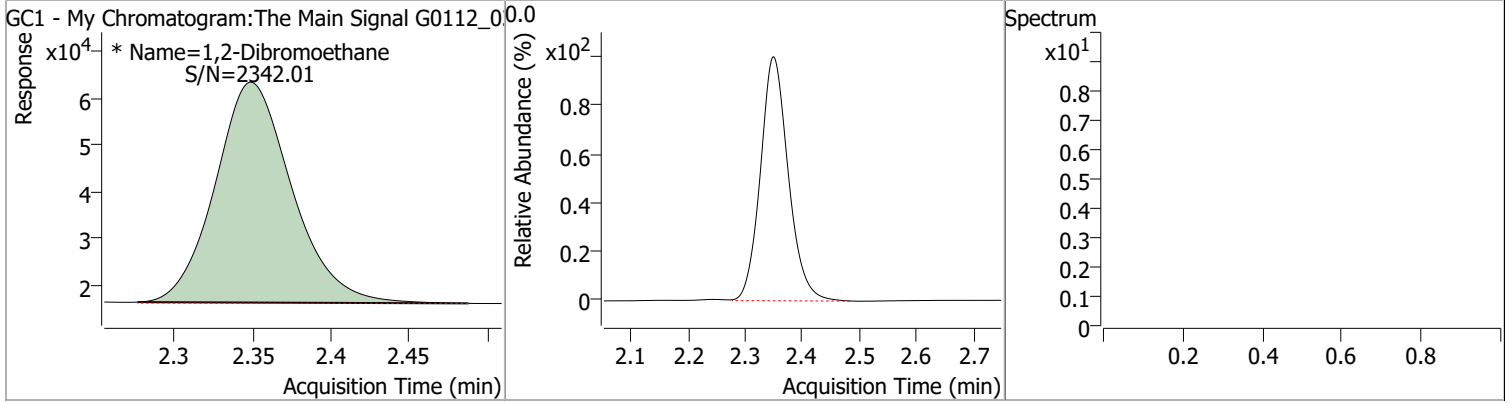


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.883	0.0	411771	0.9959	µg/L	-0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 995.91%		*
Target Compounds						
M 1,2-Dibromoethane	2.348	0.0	160498	1.0008	µg/L m	QValue 100

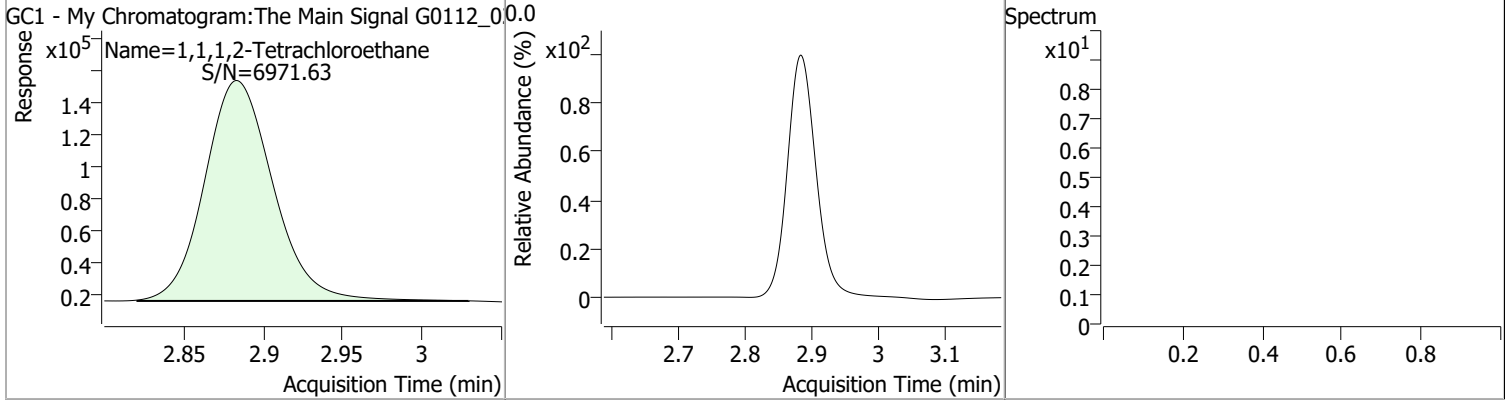
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	1.0008	2.35	0.00	160498 (m)				



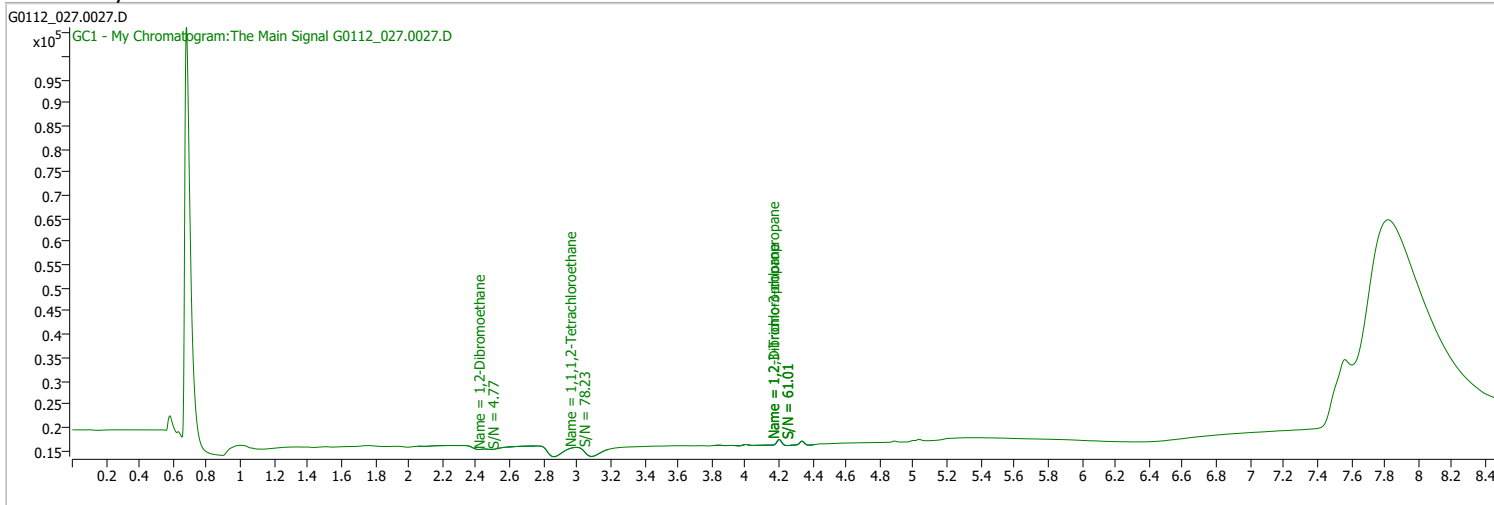
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.9959	2.88	0.00	411771				



Quantitation Results Report (QT Reviewed)

Data File	G0112_027.0027.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 10:02:08 PM
Sample Name	Hexane	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library



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

System Monitoring Compounds

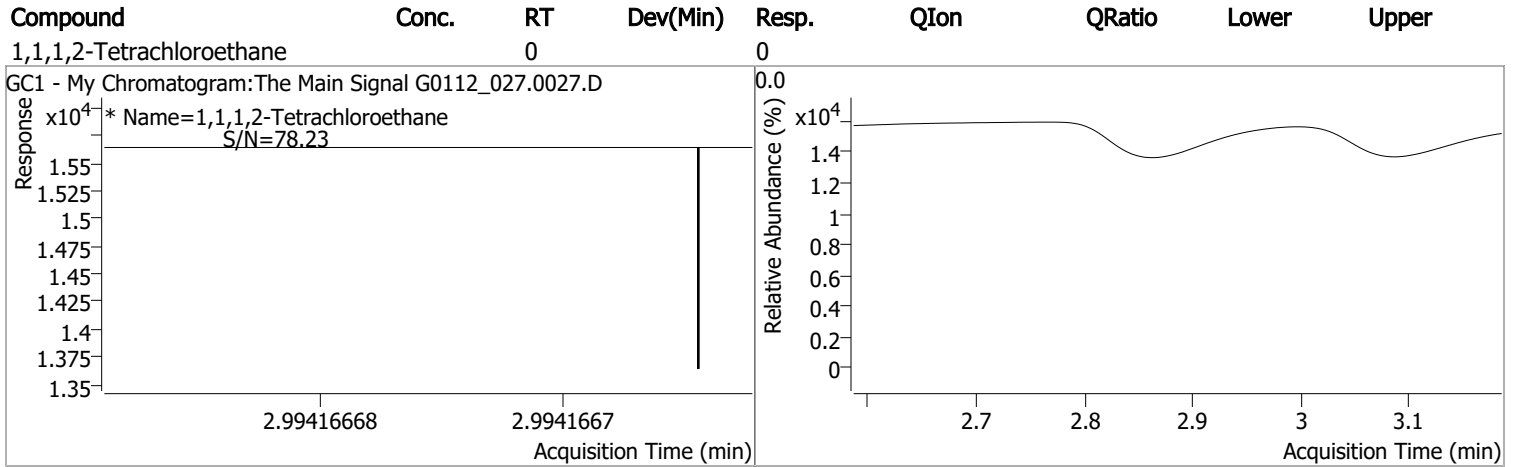
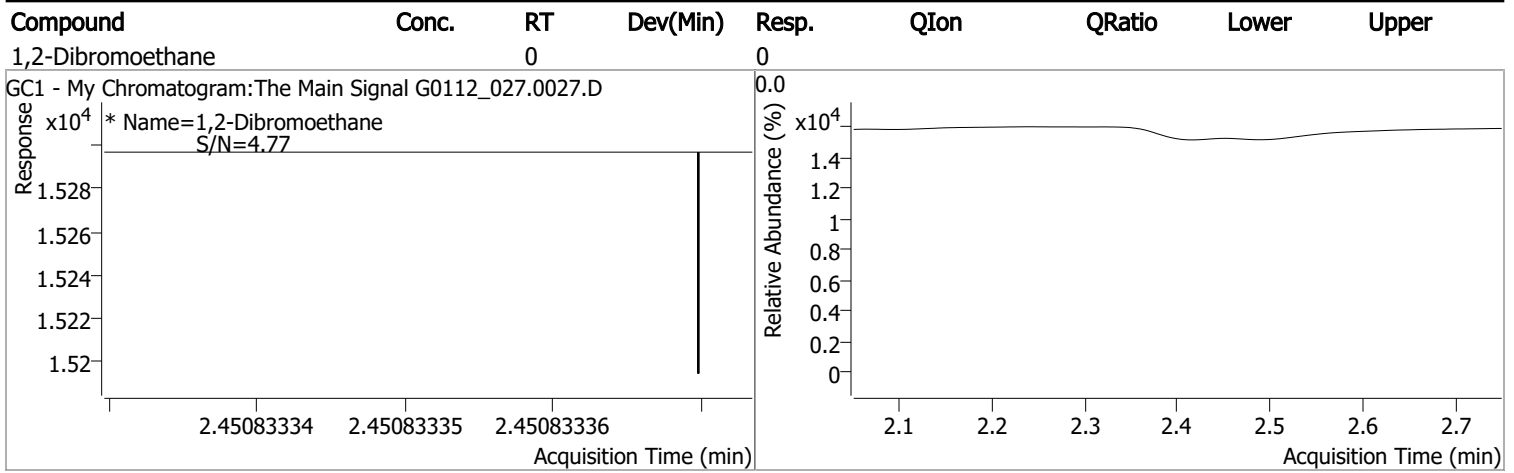
S 1,1,1,2-Tetrachloroethane	2.994	0.0	0		µg/L	md	0.108
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			

Target Compounds

M 1,2-Dibromoethane	2.451	0.0	0		µg/L	md	QValue 1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

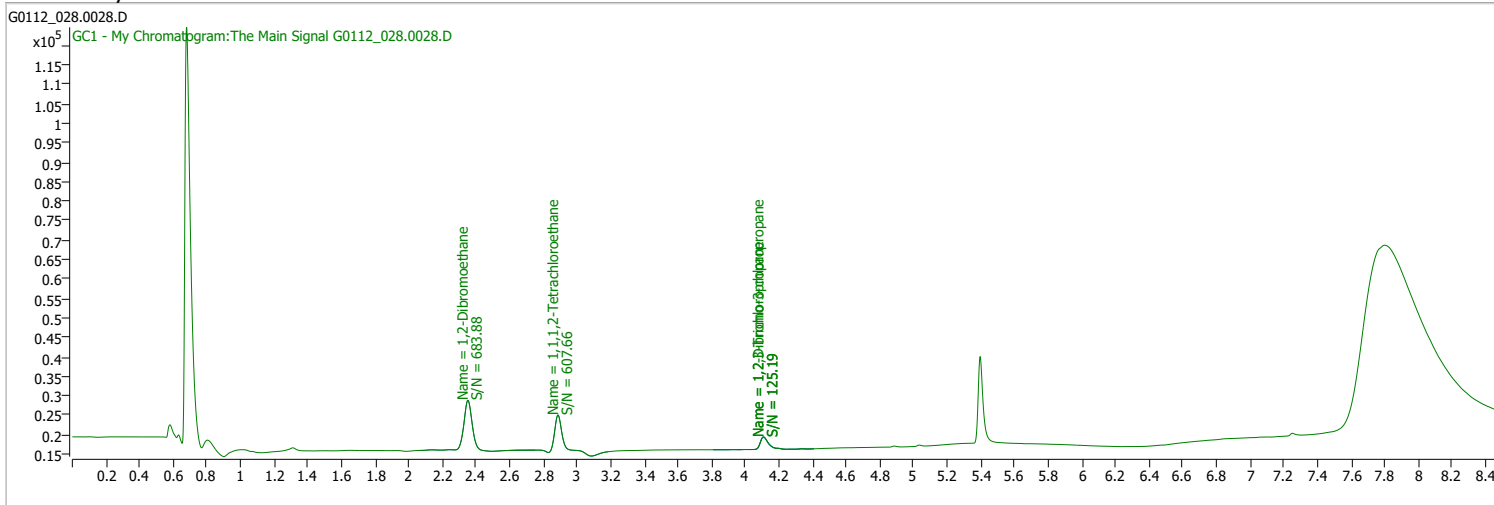
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_028.0028.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 10:22:08 PM
Sample Name	LCS-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 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	2.887	0.0	25029	0.0840	µg/L	m	0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 84.05%			

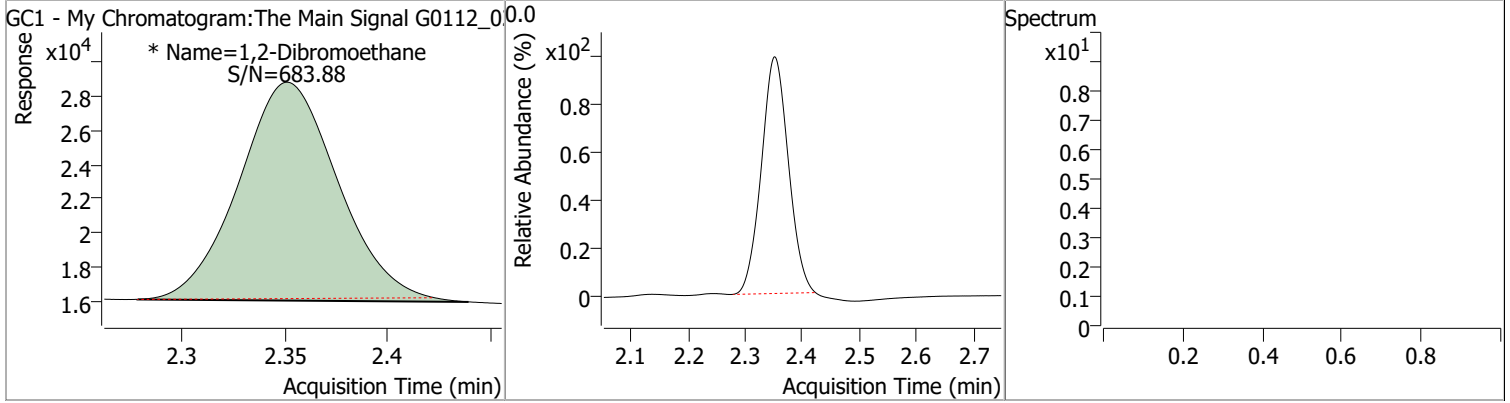
Target Compounds

M 1,2-Dibromoethane	2.351	0.0	43086	0.2379	µg/L	m	QValue 100
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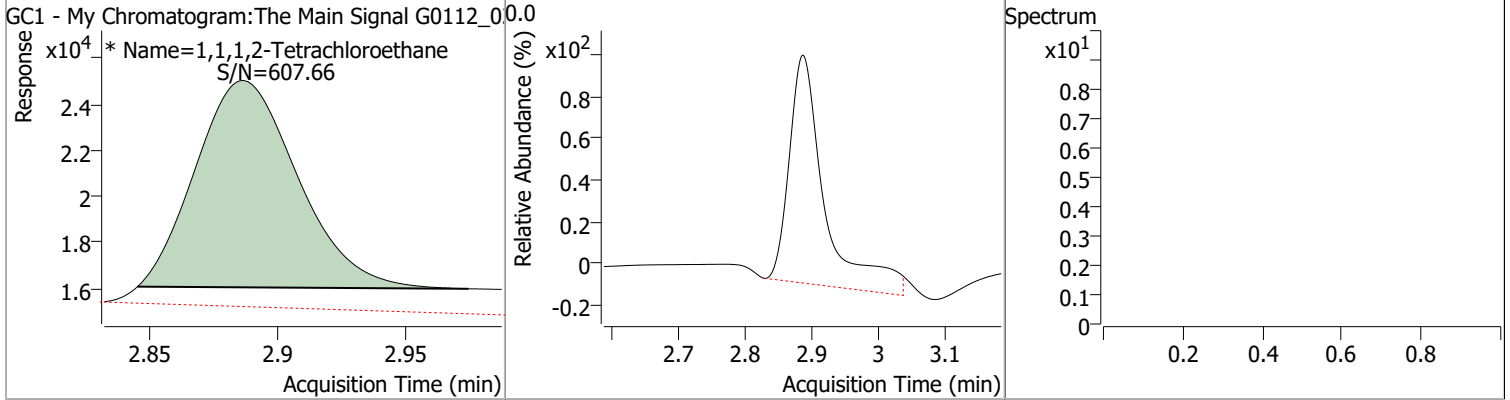
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2379	2.35	0.00	43086 (m)				



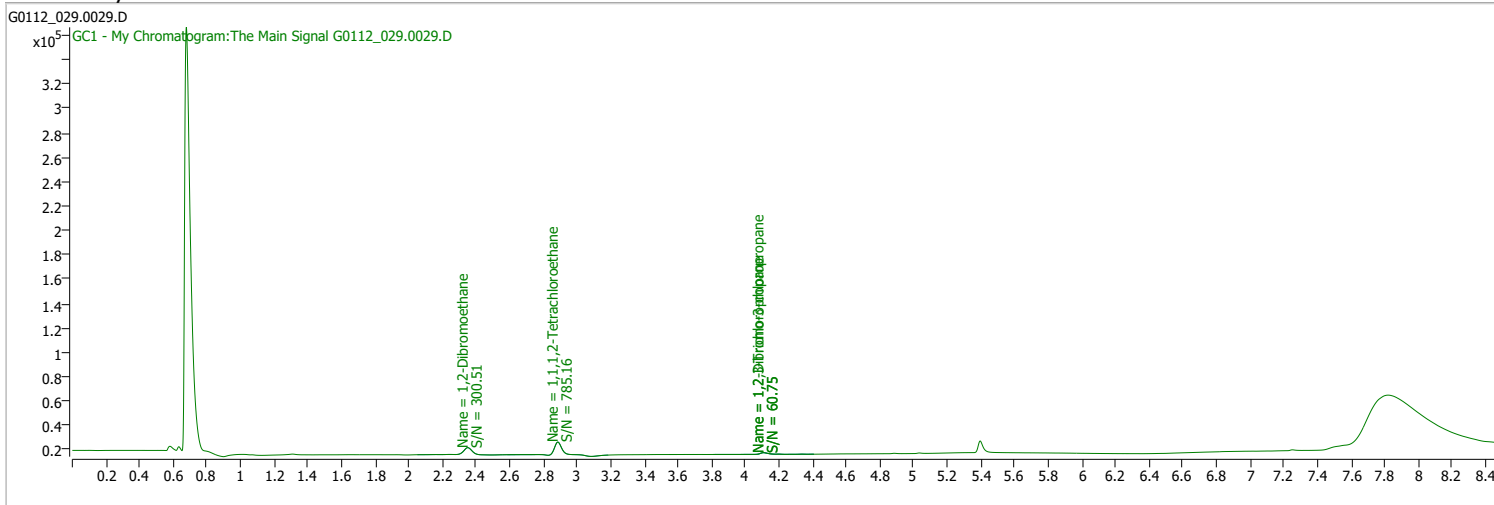
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0840	2.89	0.00	25029 (m)				



Quantitation Results Report (QT Reviewed)

Data File	G0112_029.0029.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 10:42:05 PM
Sample Name	CK3-162876	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

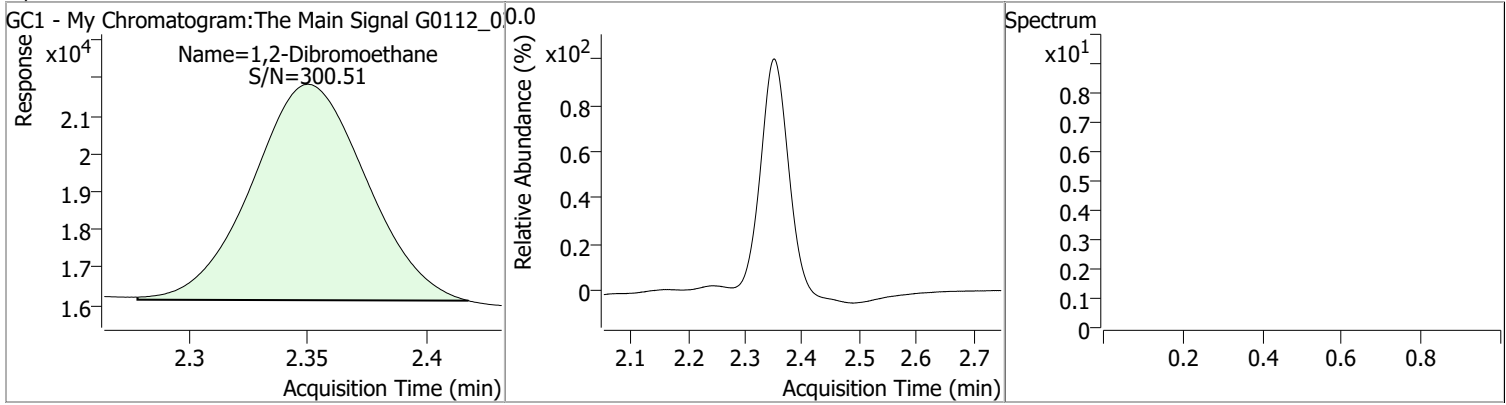


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.886	0.0	29249	0.0961	µg/L	m 0.000
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 96.12%		
Target Compounds						
M 1,2-Dibromoethane	2.350	0.0	19099	0.1034	µg/L	QValue 100

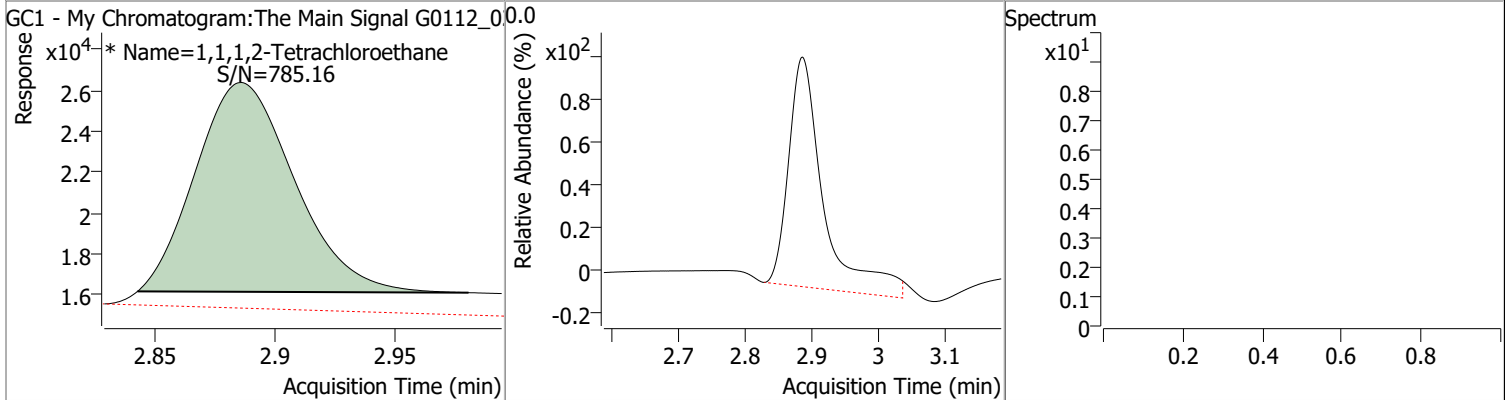
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1034	2.35	0.00	19099				



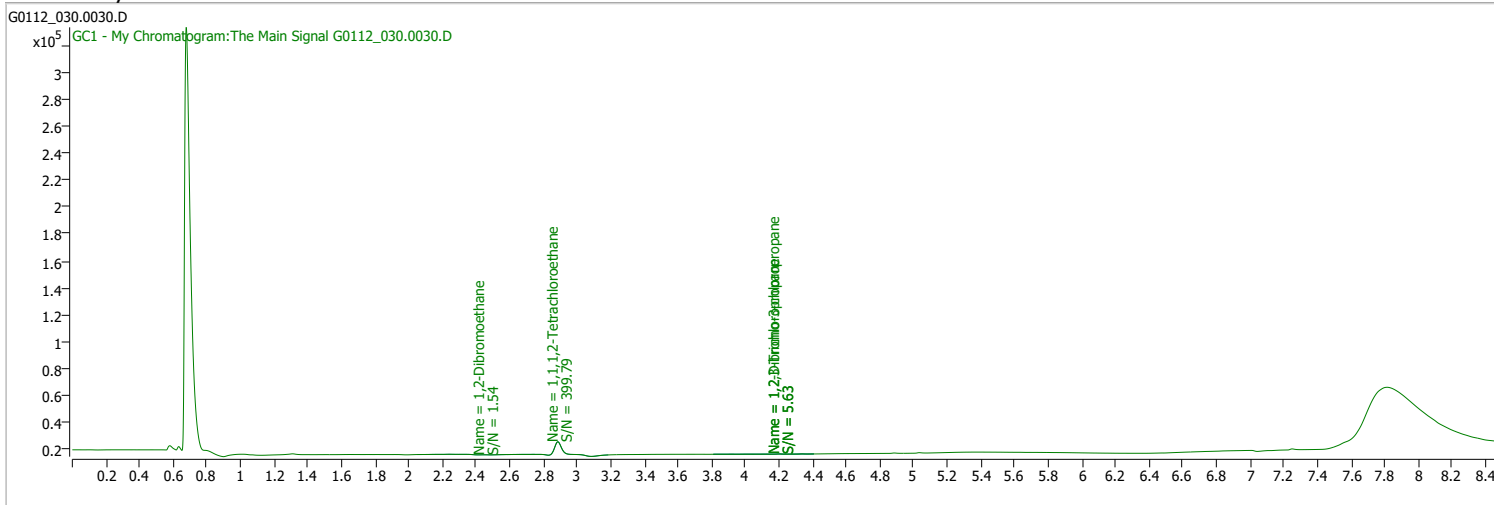
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0961	2.89	0.00	29249 (m)				



Quantitation Results Report (QT Reviewed)

Data File	G0112_030.0030.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 11:01:57 PM
Sample Name	MB-162876	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

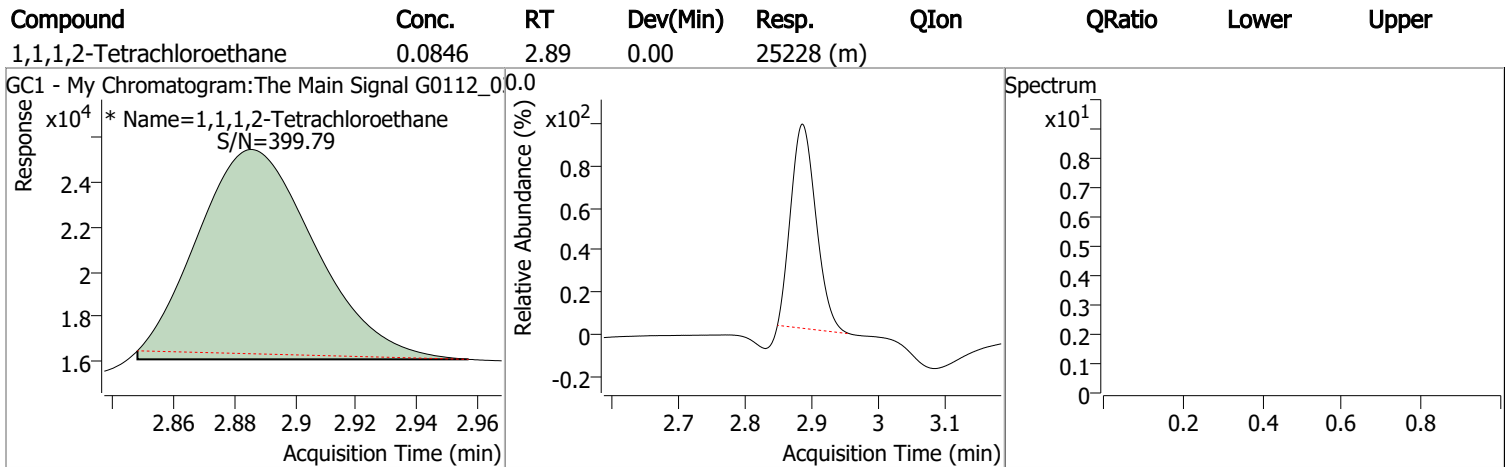
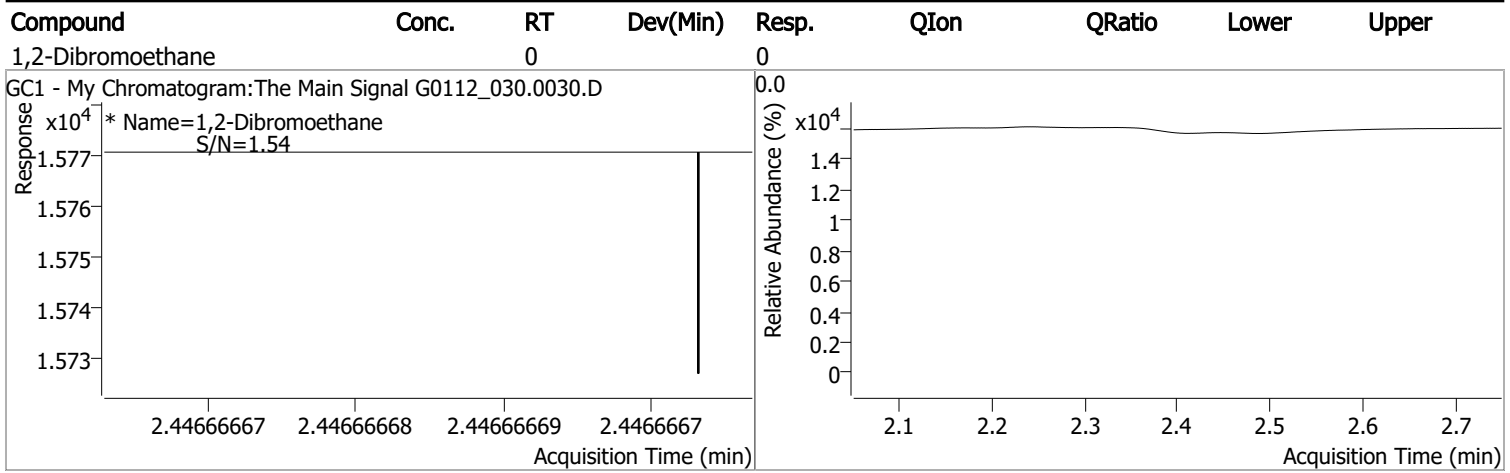
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.885	0.0	25228	0.0846	µg/L	m -0.001
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 84.62%		
Target Compounds						
M 1,2-Dibromoethane	2.447	0.0	0		µg/L	md 1

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

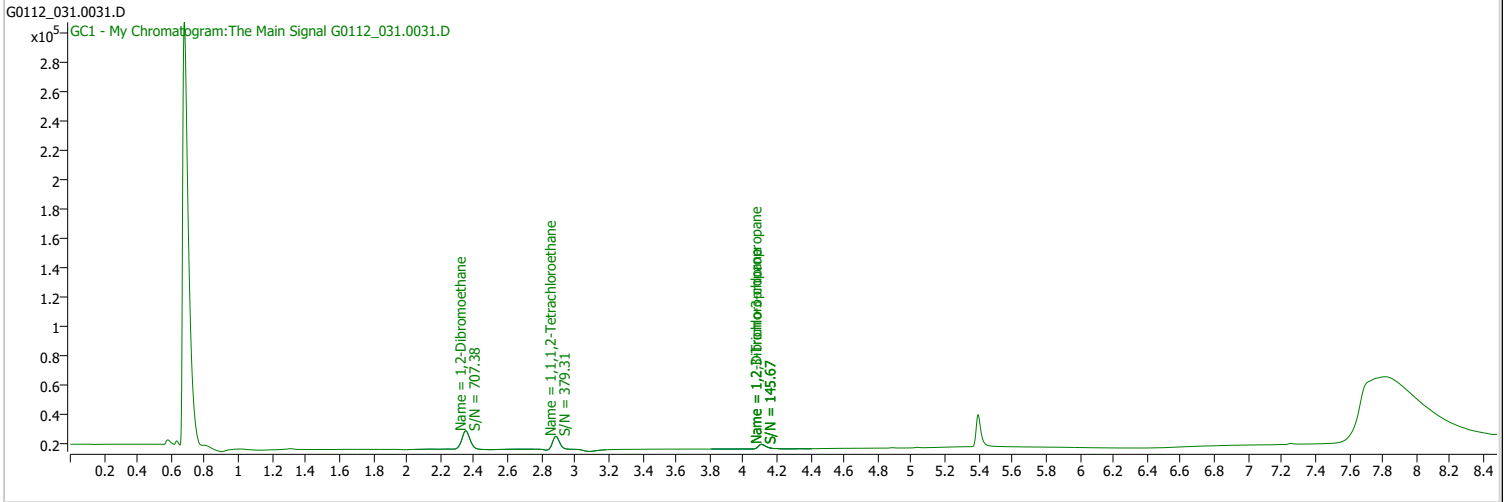
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_031.0031.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 11:22:16 PM
Sample Name	LCS-162876	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

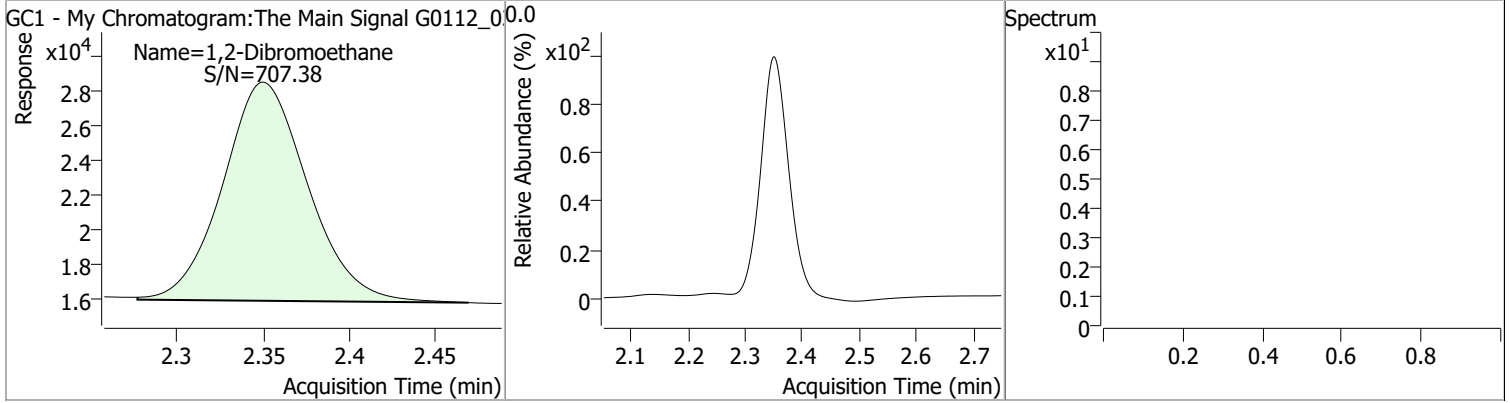


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.886	0.0	25307	0.0848	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 84.84%		
Target Compounds						
M 1,2-Dibromoethane	2.350	0.0	43708	0.2415	µg/L	QValue 100

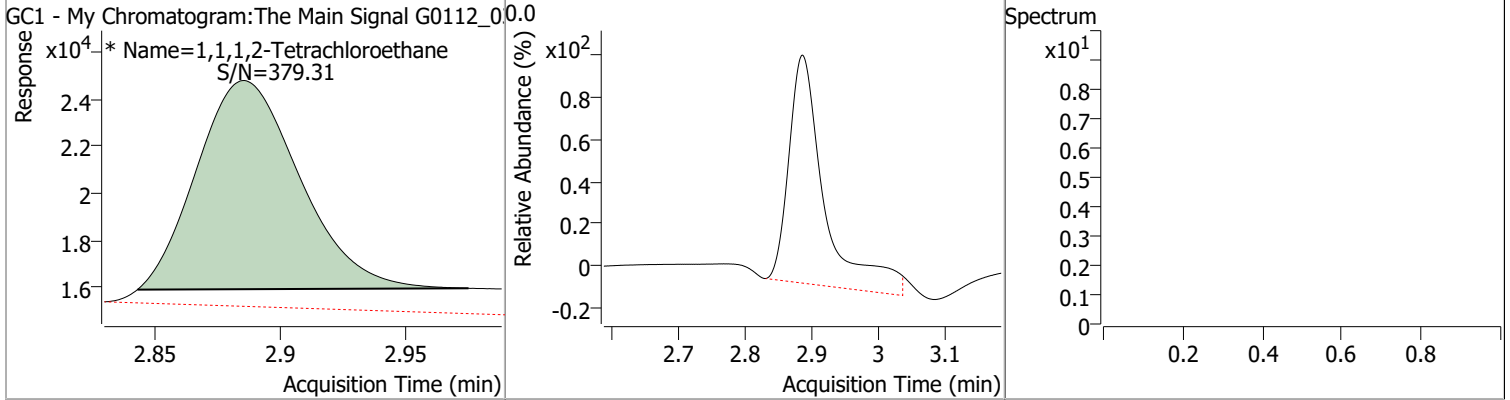
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2415	2.35	0.00	43708				



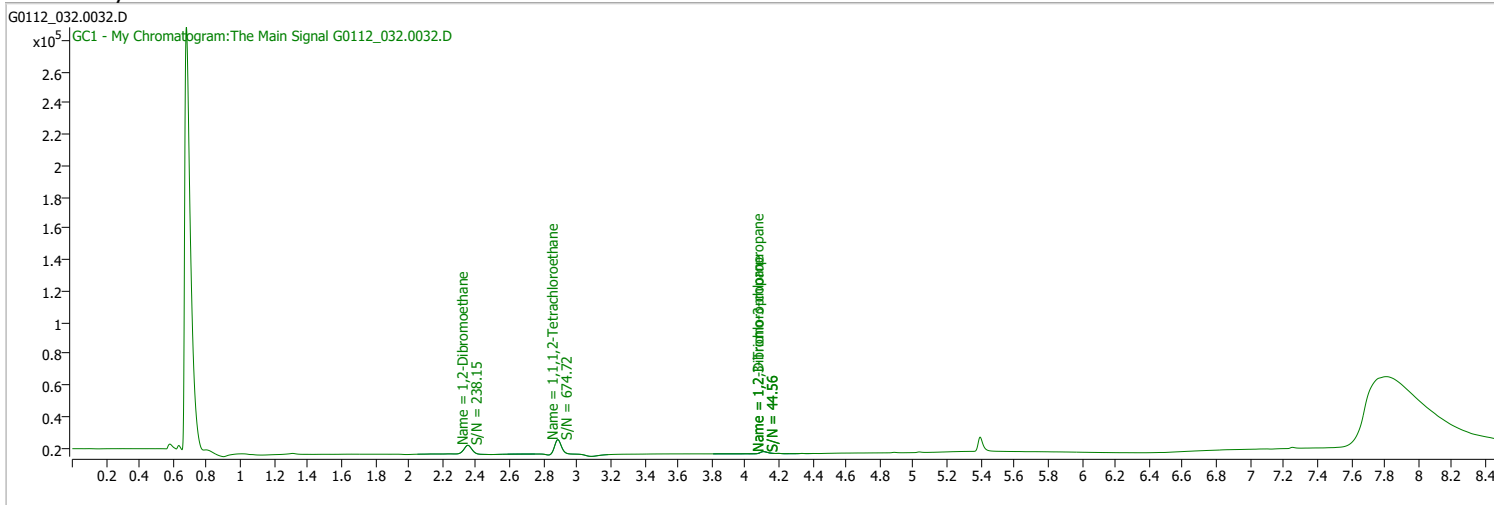
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0848	2.89	0.00	25307 (m)				



Quantitation Results Report (QT Reviewed)

Data File	G0112_032.0032.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/12/2022 11:42:06 PM
Sample Name	LCS1-162876	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

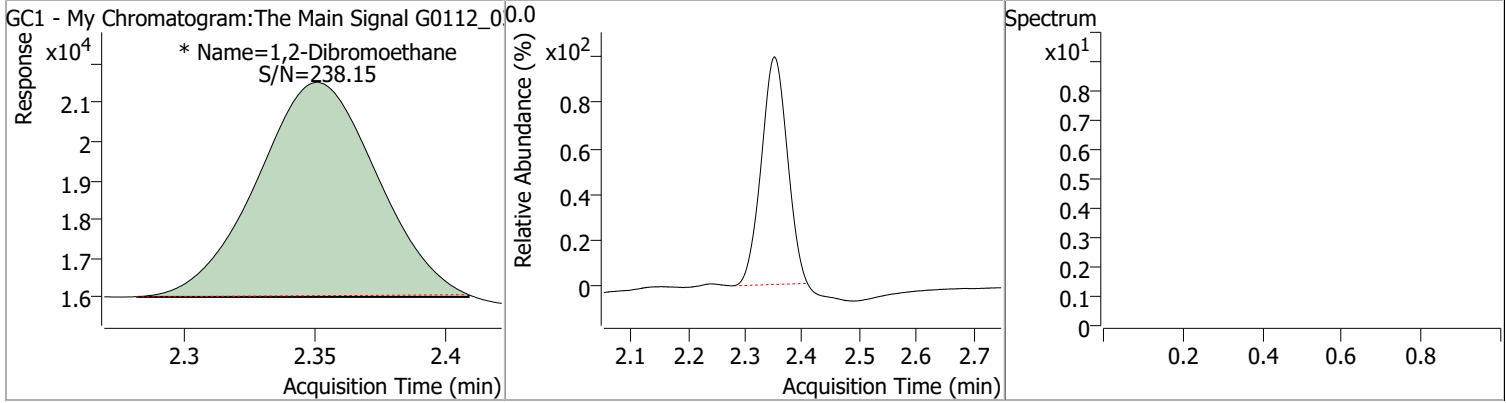


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.885	0.0	25058	0.0841	µg/L	m
Spiked Amount: 0.100				Range: 70.0 - 130.0% Recovery = 84.13%		
Target Compounds						
M 1,2-Dibromoethane	2.351	0.0	17669	0.0955	µg/L	m
						QValue 100

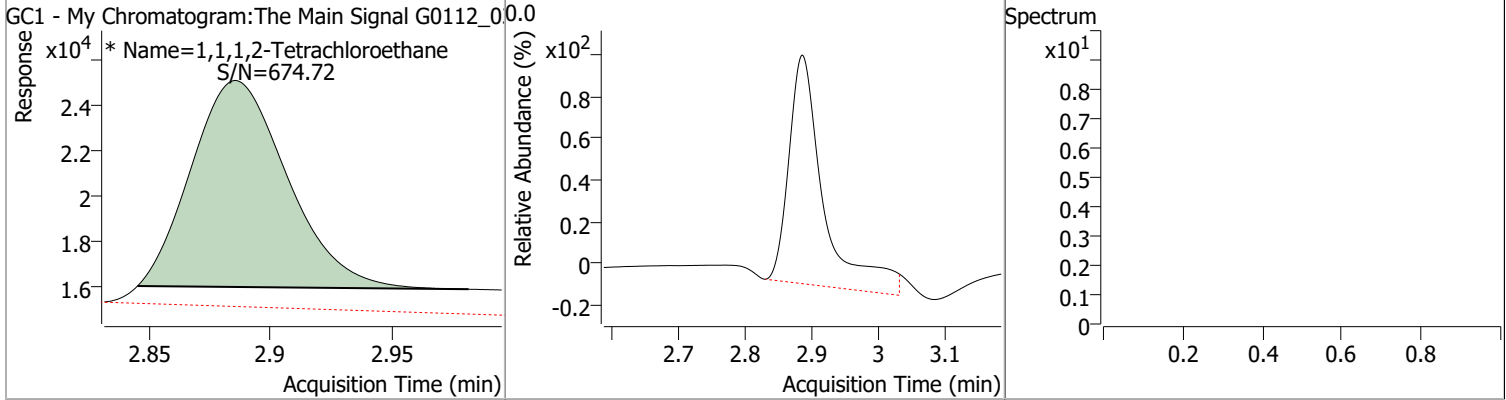
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0955	2.35	0.00	17669 (m)				



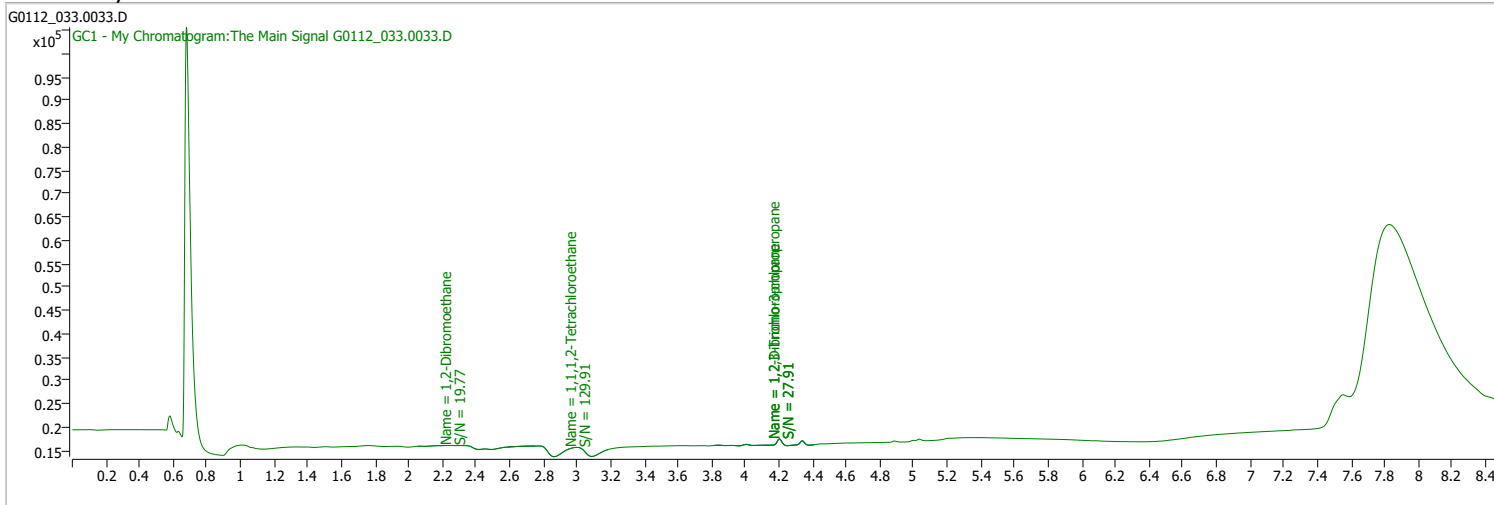
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0841	2.89	0.00	25058 (m)				



Quantitation Results Report (QT Reviewed)

Data File	G0112_033.0033.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 12:02:07 AM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

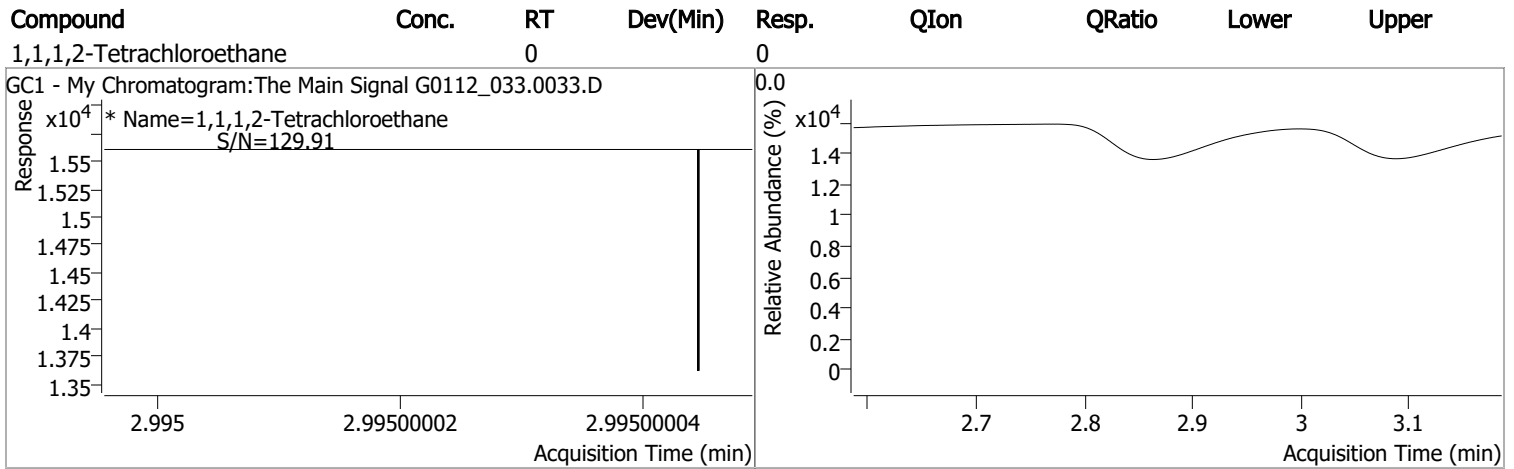
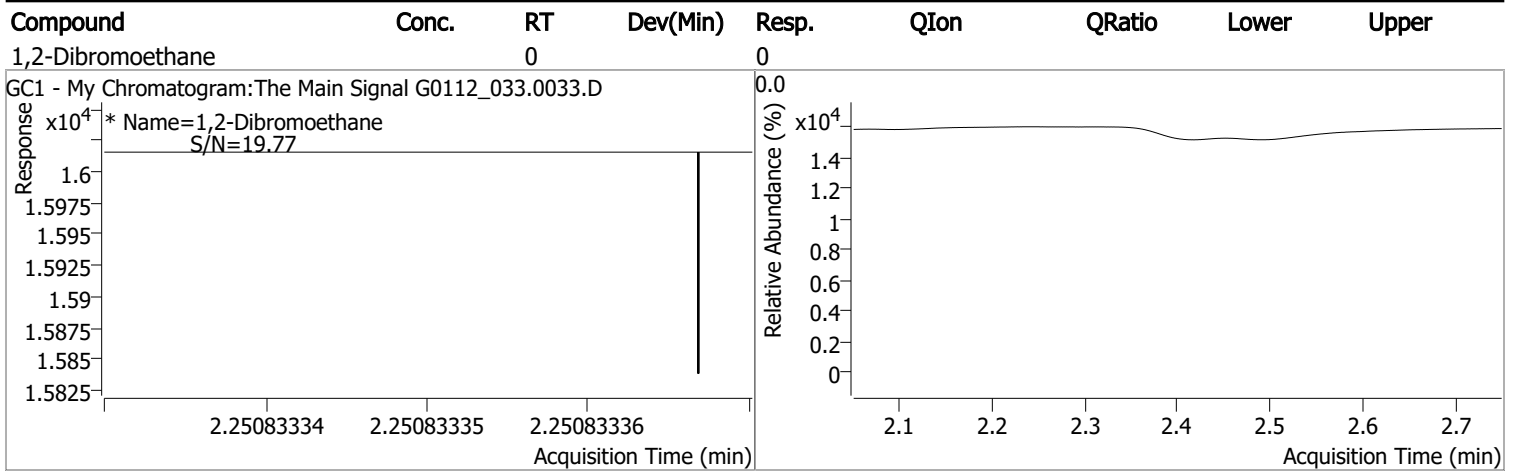
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.995	0.0	0		µg/L	md
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = NA%		
Target Compounds						
M 1,2-Dibromoethane	2.251	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

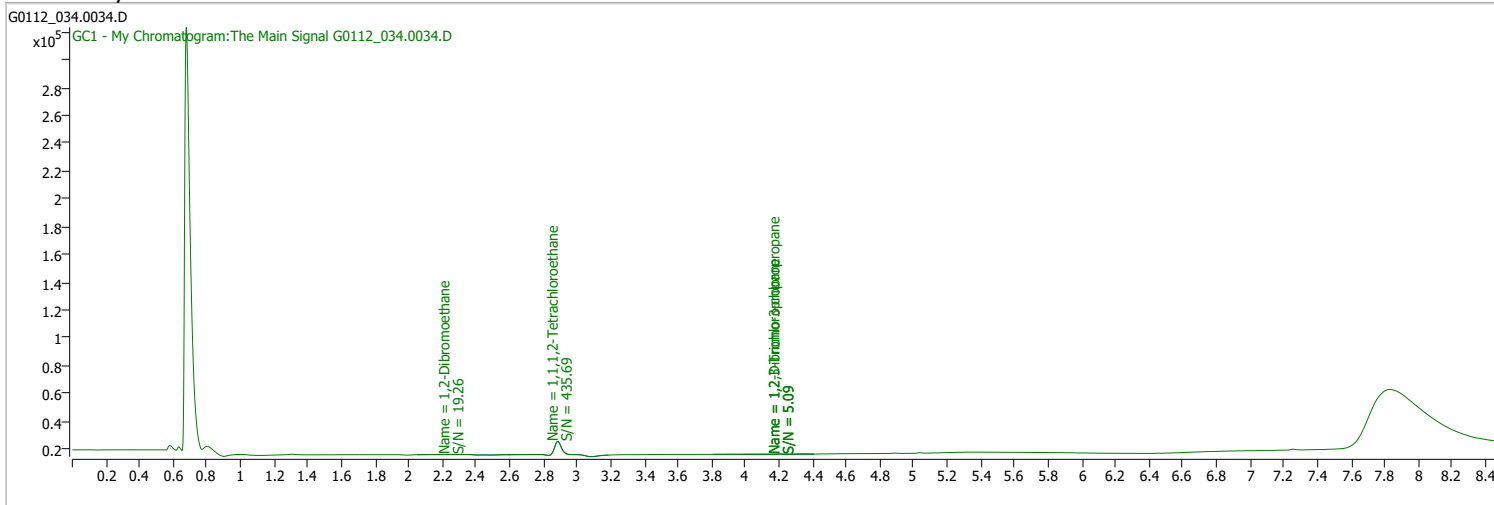
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_034.0034.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 12:22:01 AM
Sample Name	B22010167-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

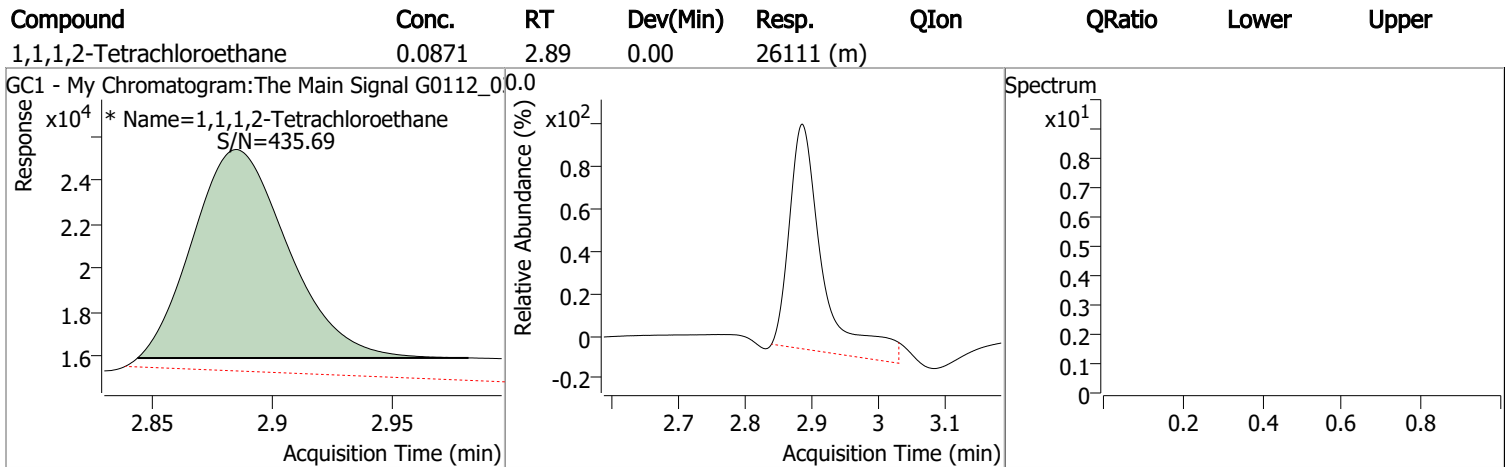
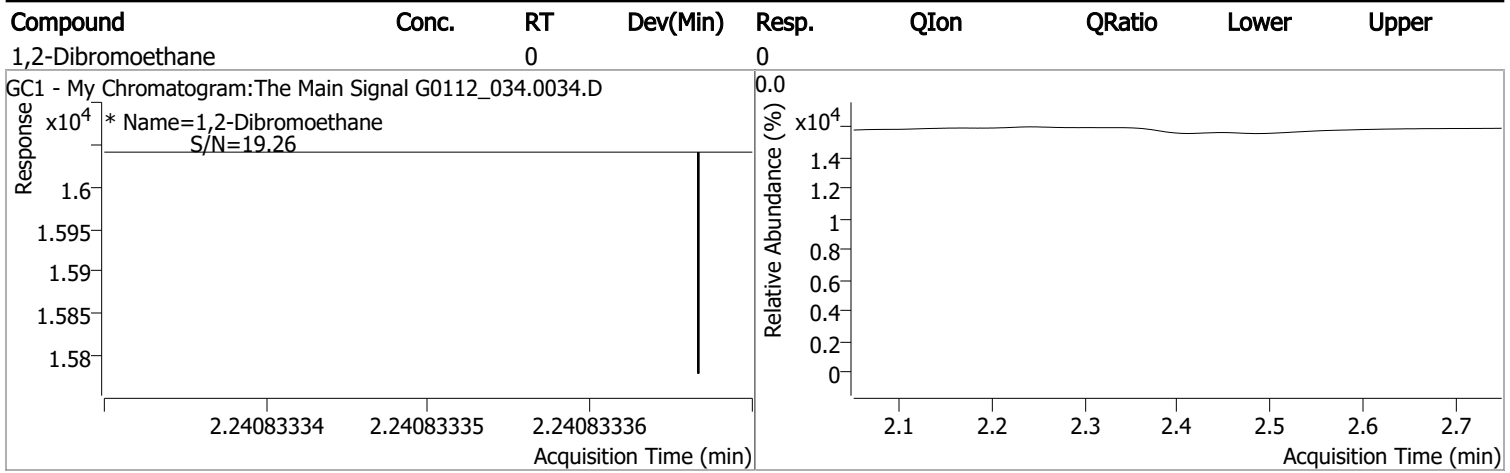
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.885	0.0	26111	0.0871	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 87.15%		
Target Compounds						
M 1,2-Dibromoethane	2.241	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

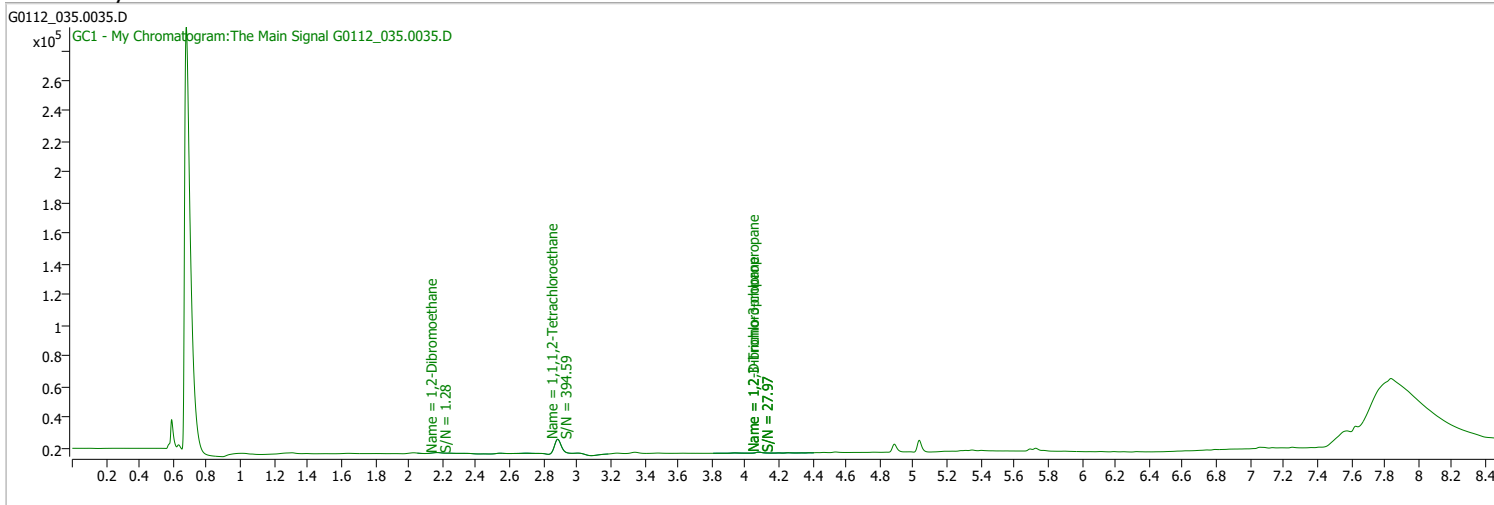
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_035.0035.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 12:41:50 AM
Sample Name	B22010338-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

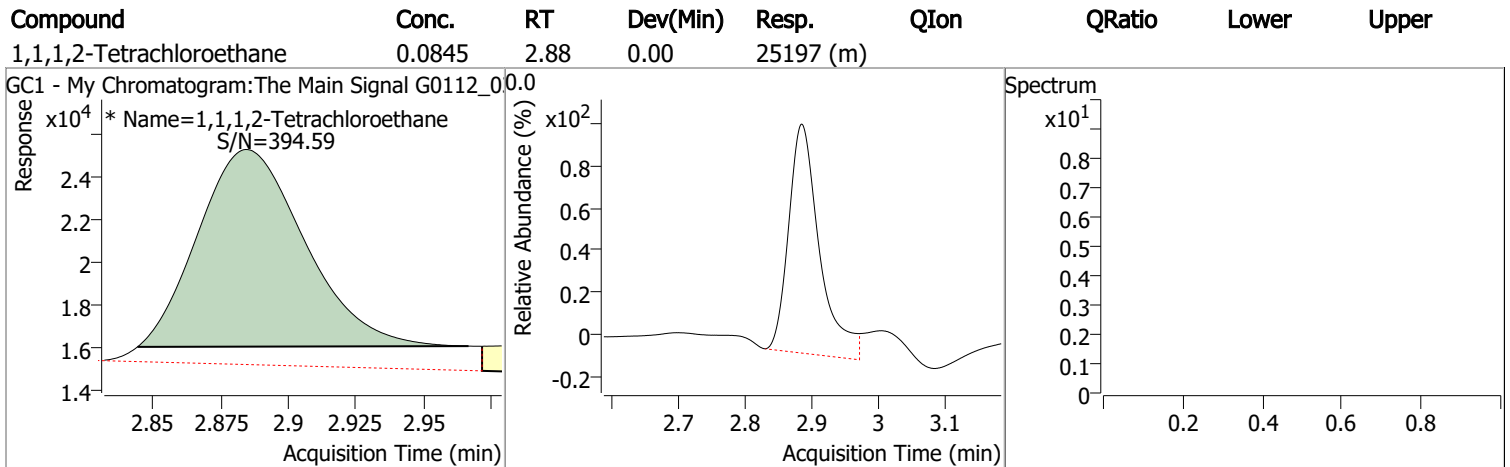
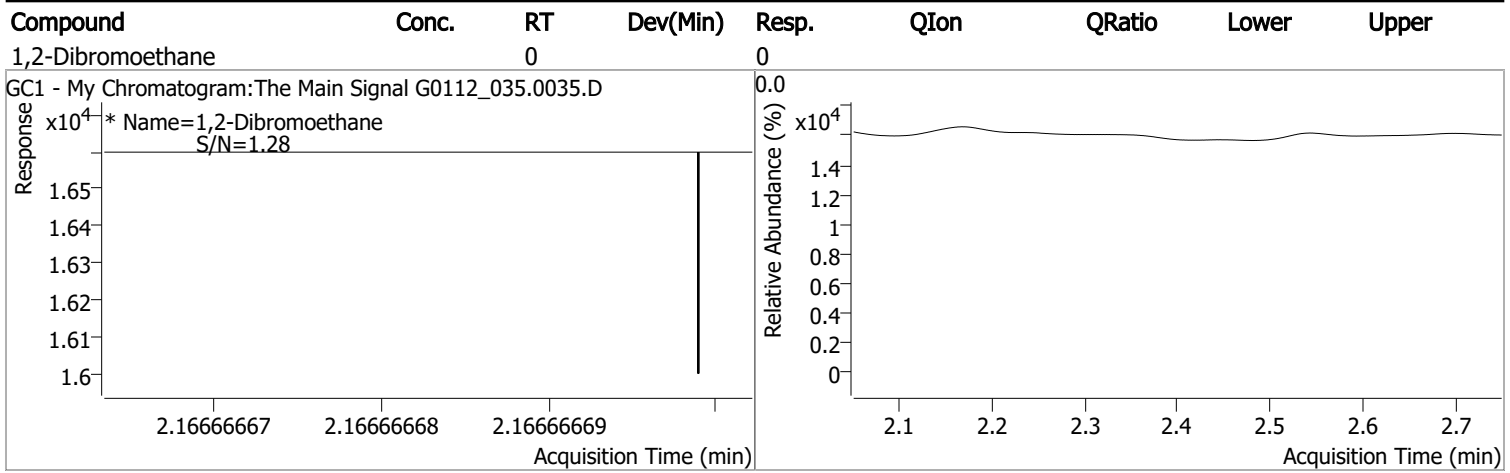
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.884	0.0	25197	0.0845	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 84.53%		
Target Compounds						
M 1,2-Dibromoethane	2.167	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

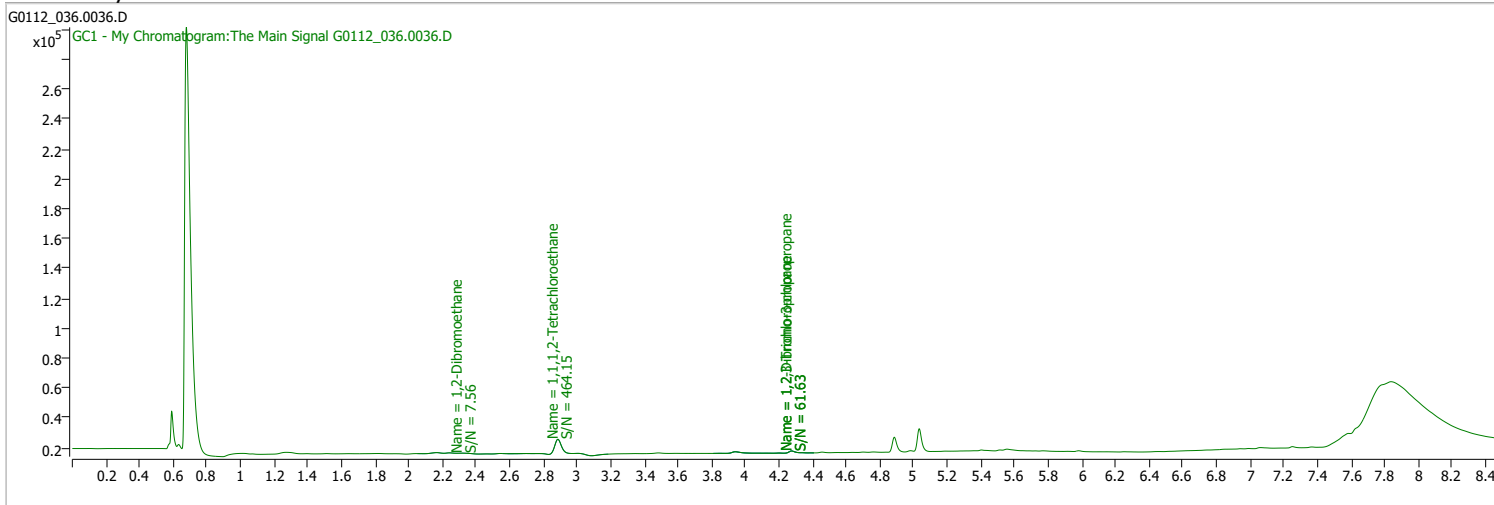
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_036.0036.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 1:01:54 AM
Sample Name	B22010361-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

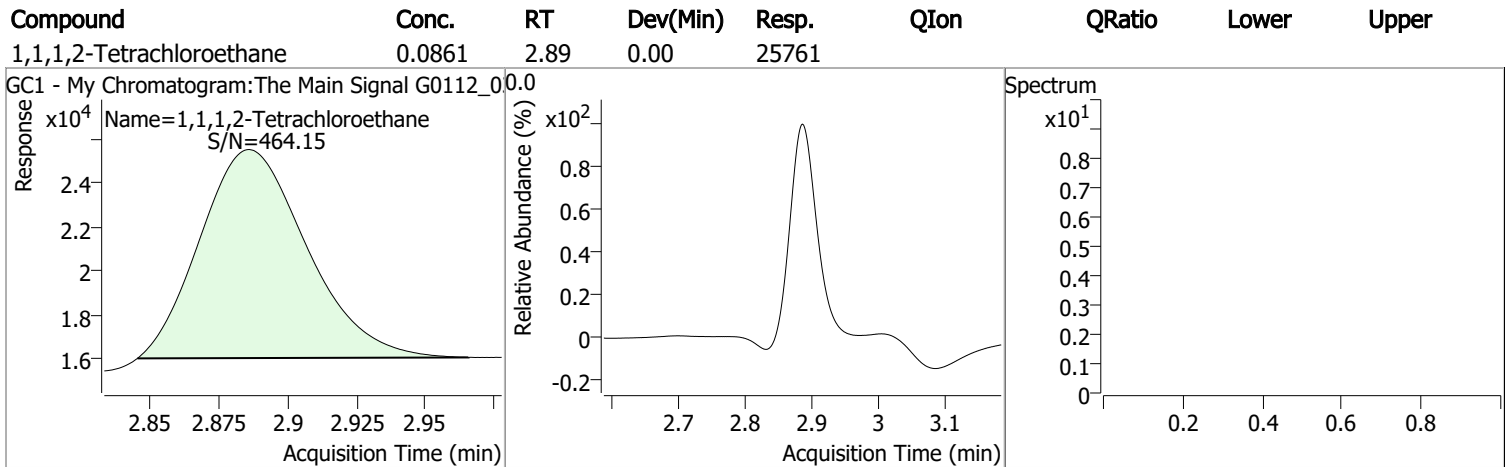
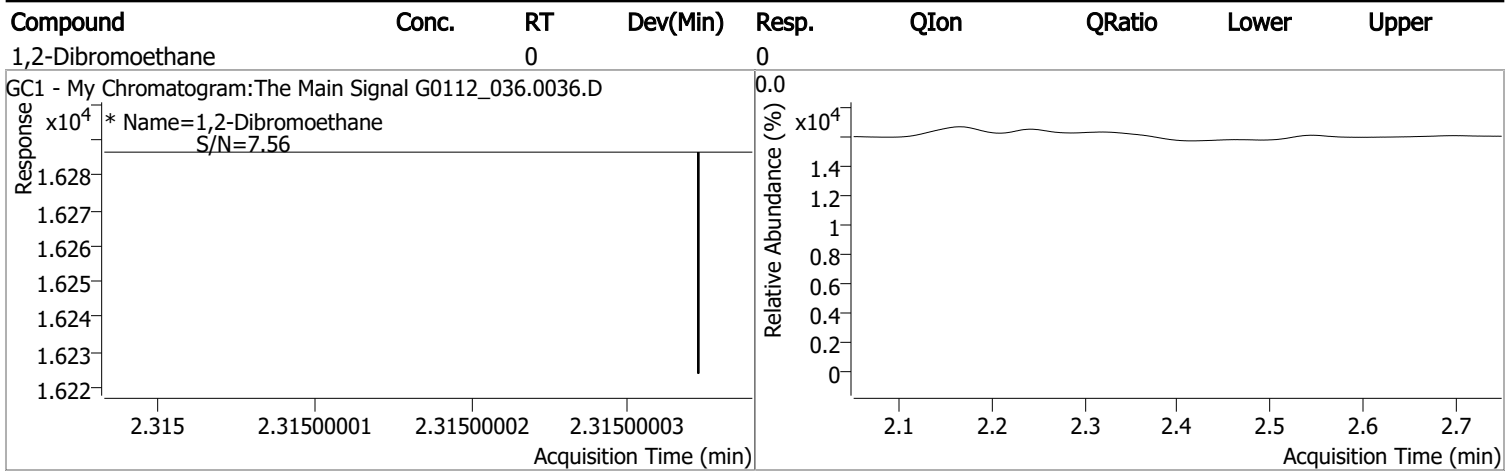
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.886	0.0	25761	0.0861	µg/L	0.000
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 86.14%		
Target Compounds						
M 1,2-Dibromoethane	2.315	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

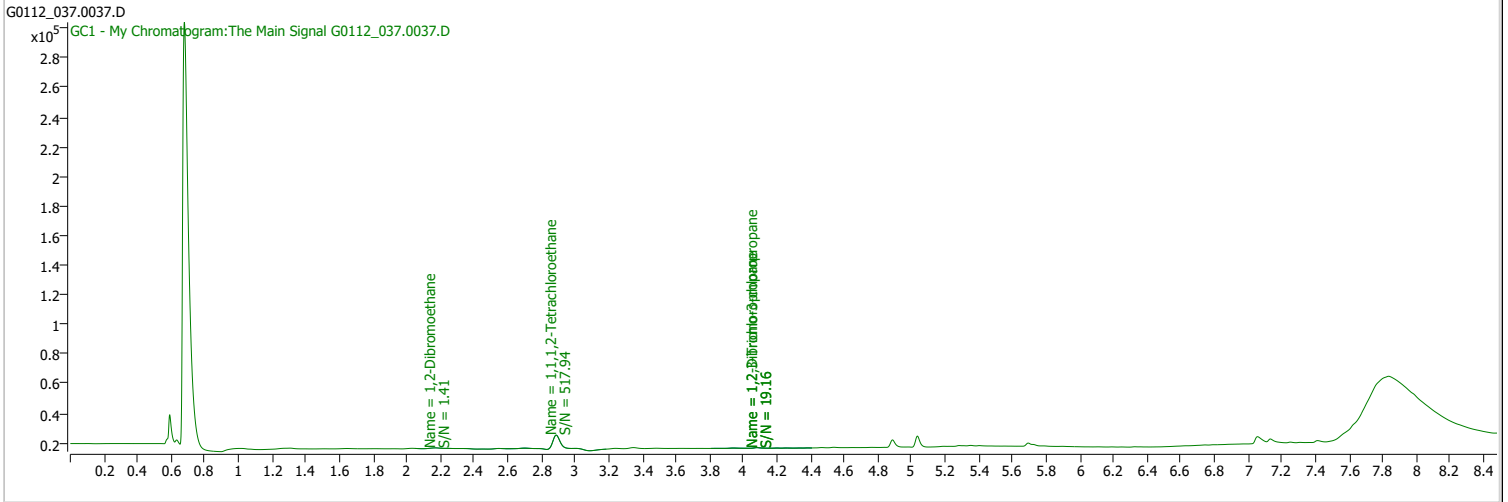
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_037.0037.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 1:21:55 AM
Sample Name	B22010361-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

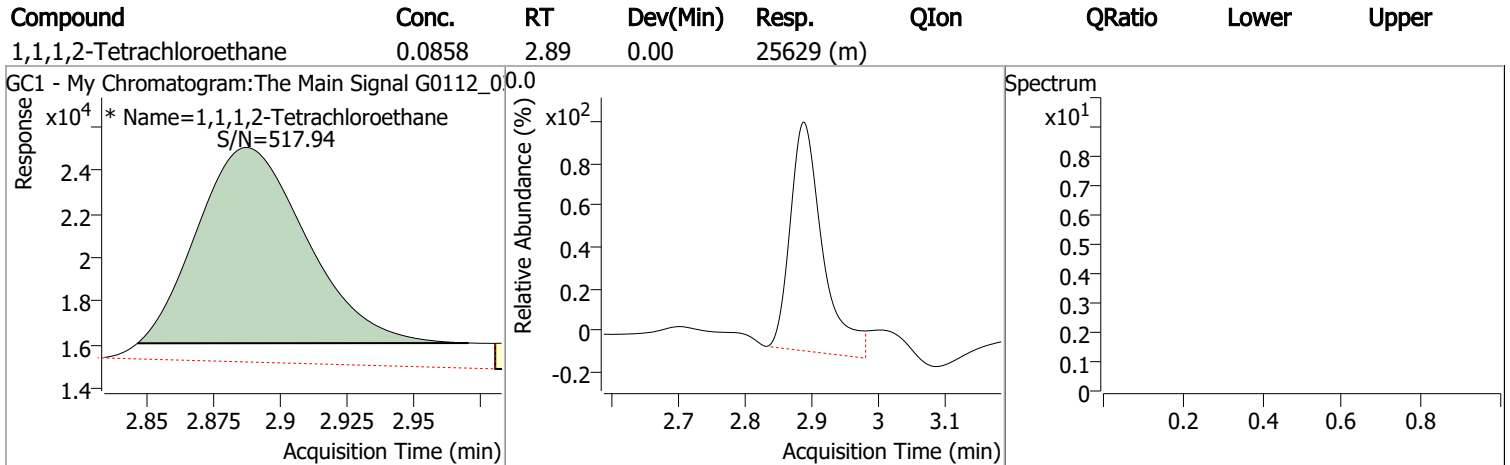
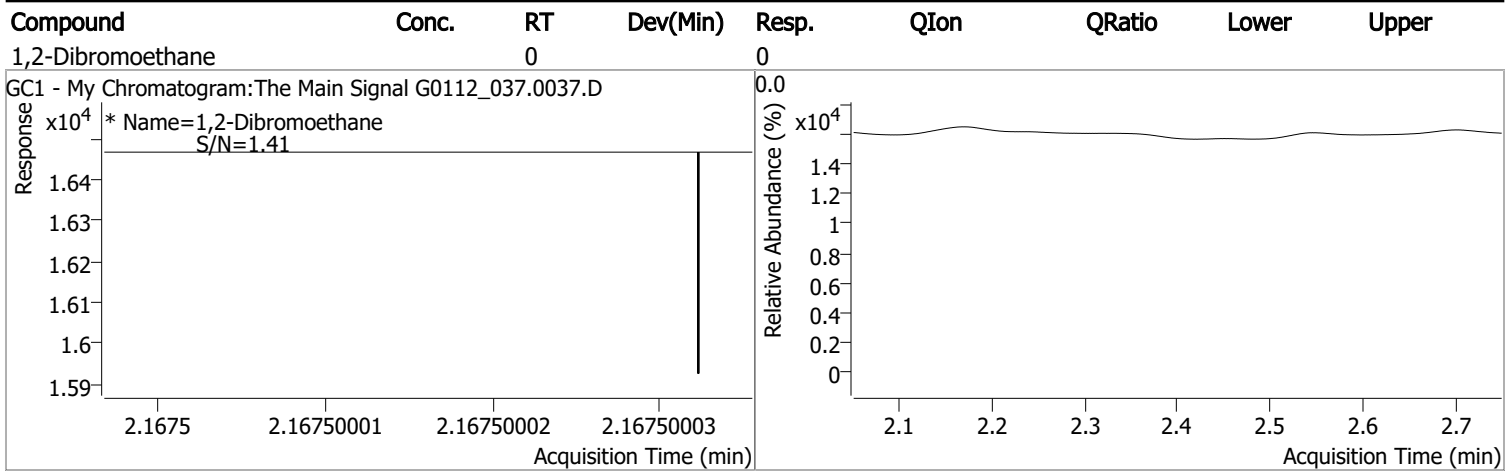
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.888	0.0	25629	0.0858	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 85.77%		
Target Compounds						
M 1,2-Dibromoethane	2.168	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

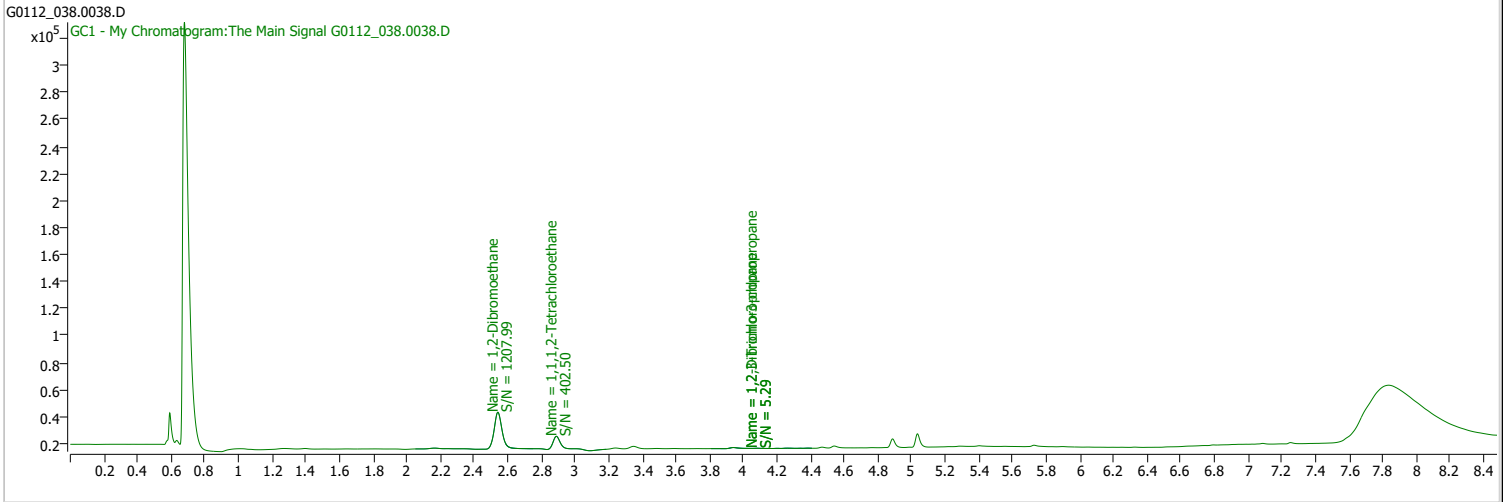
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_038.0038.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 1:41:49 AM
Sample Name	B22010409-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

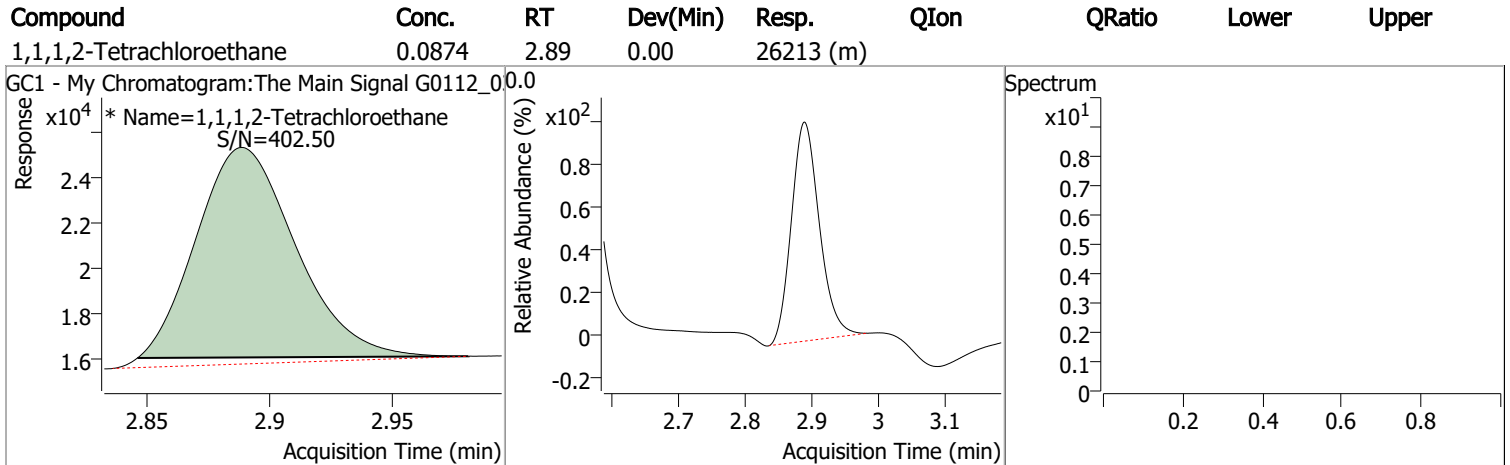
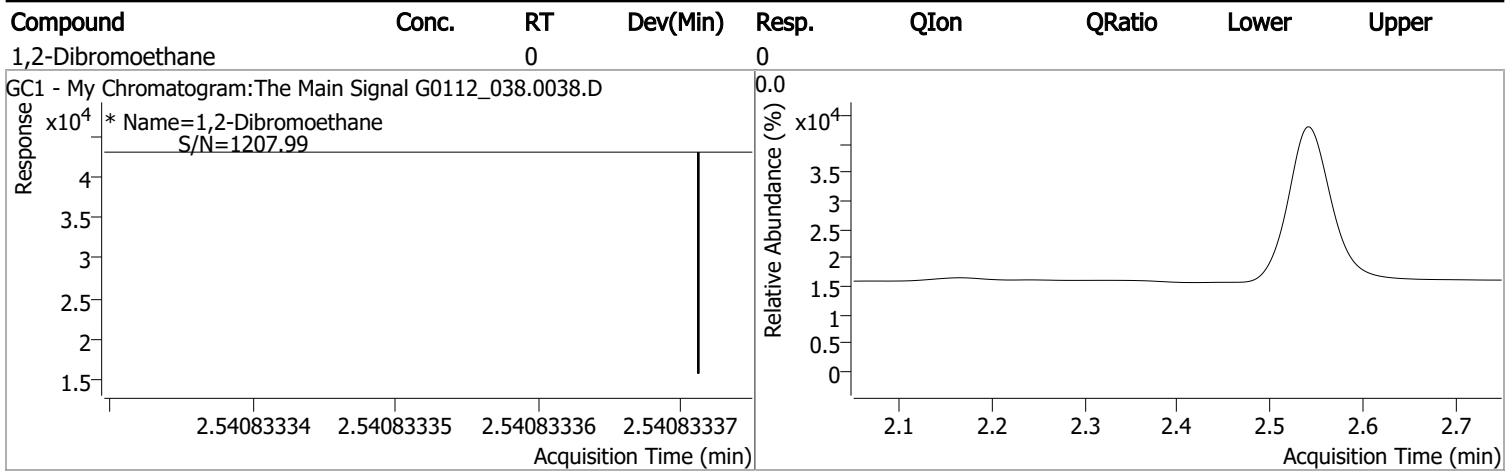
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.888	0.0	26213	0.0874	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 87.44%		
Target Compounds						
M 1,2-Dibromoethane	2.541	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

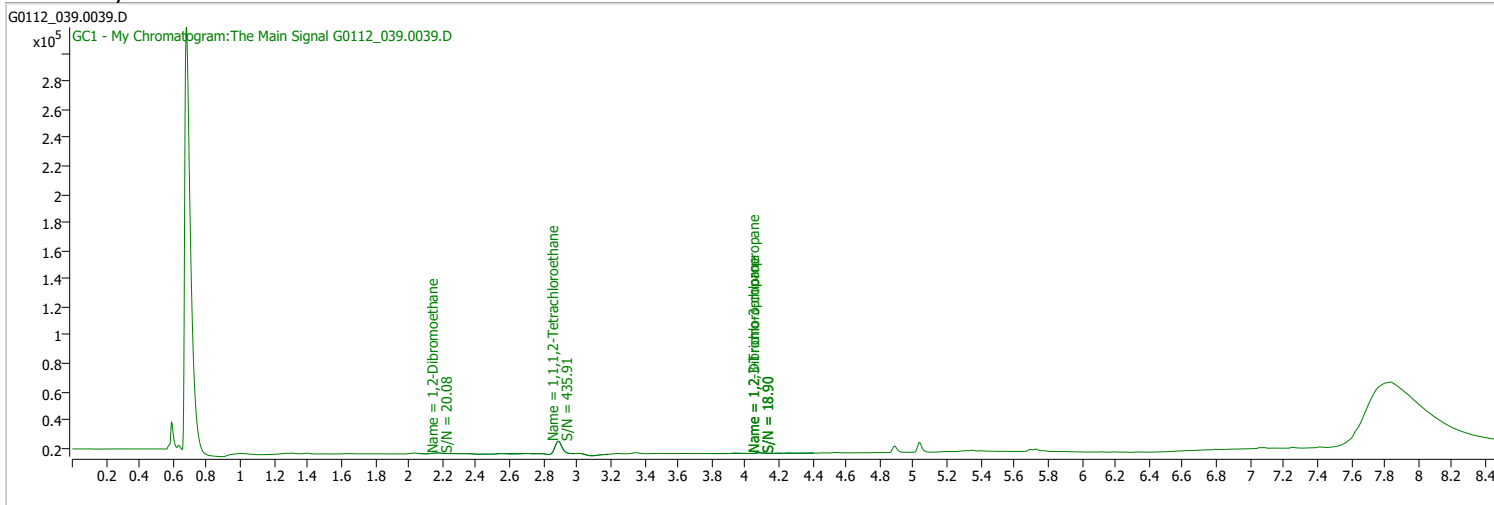
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_039.0039.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 2:01:52 AM
Sample Name	B22010409-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

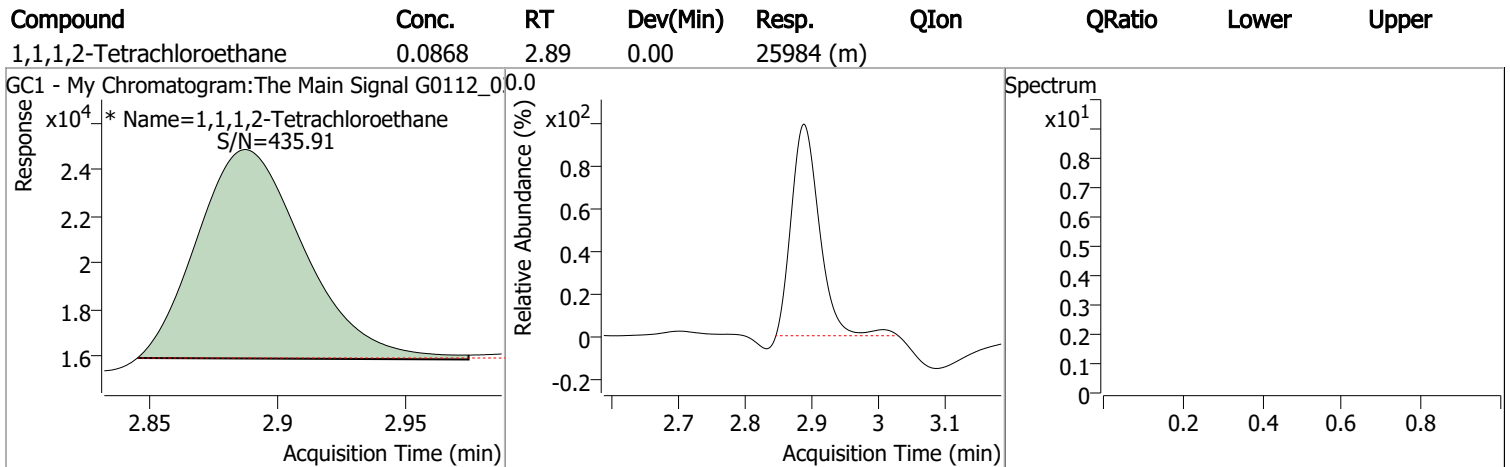
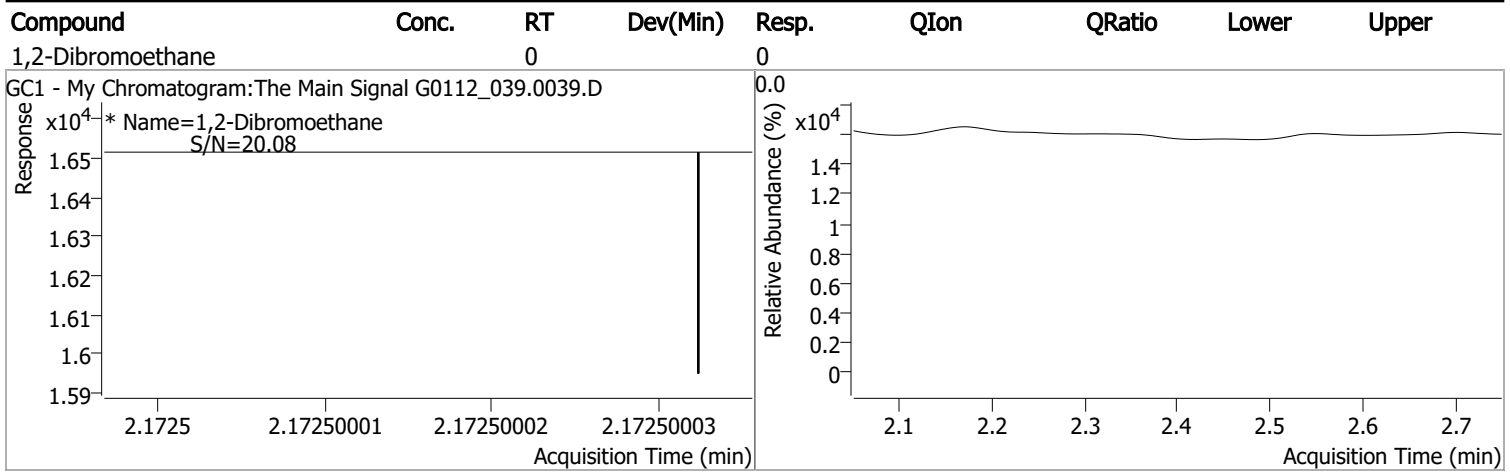
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.888	0.0	25984	0.0868	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 86.78%		
Target Compounds						
M 1,2-Dibromoethane	2.173	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

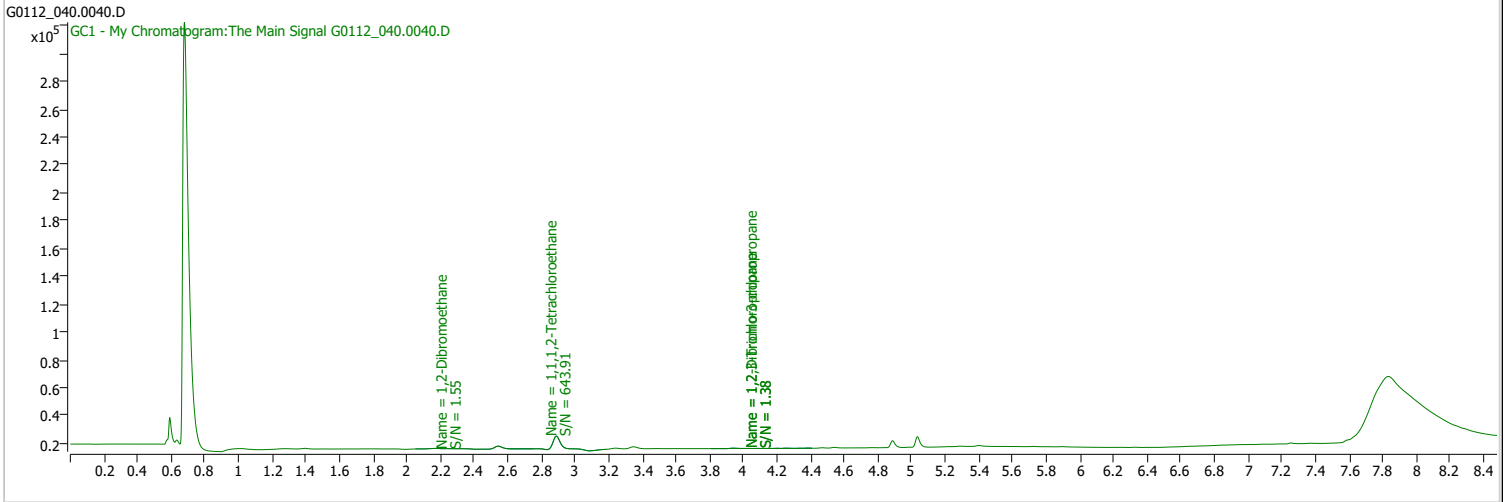
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_040.0040.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 2:21:43 AM
Sample Name	B22010410-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

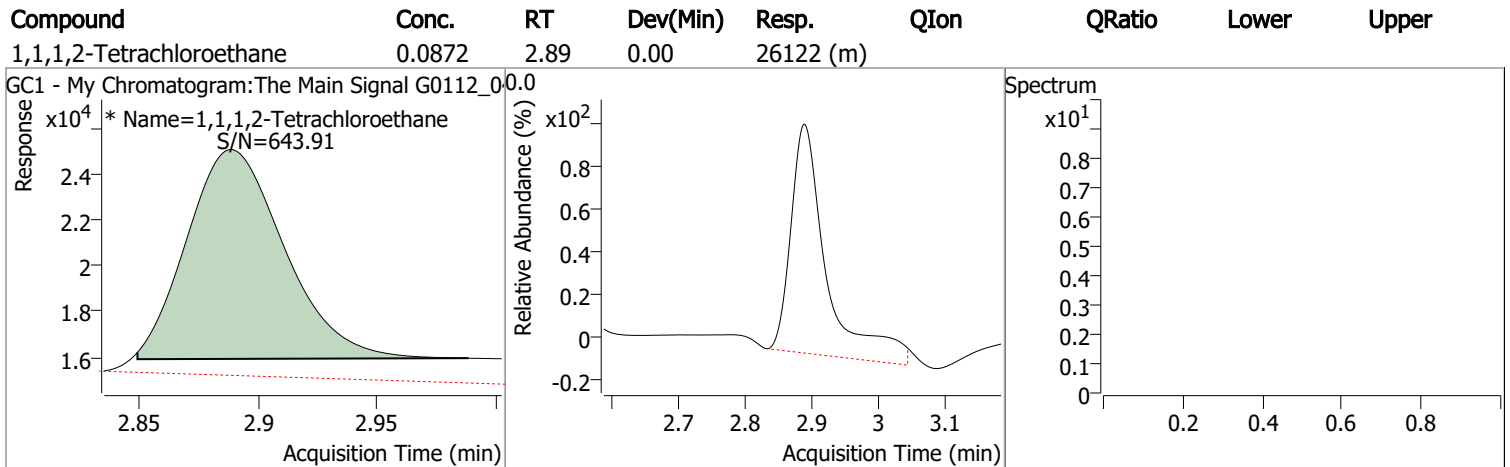
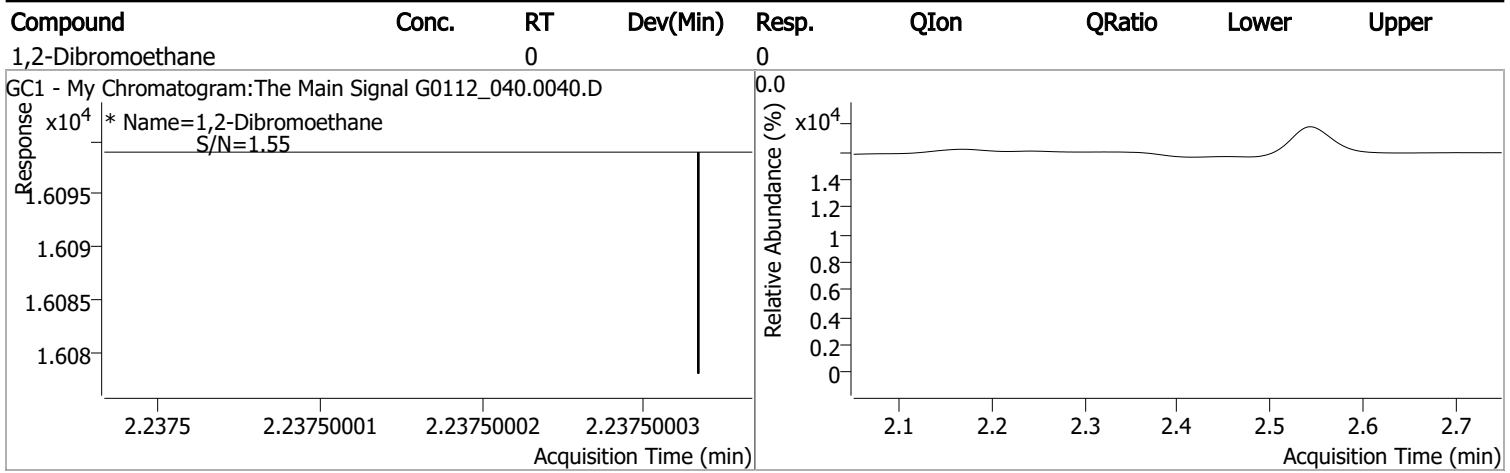
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.888	0.0	26122	0.0872	µg/L	m 0.002
Spiked Amount: 0.100				Range: 70.0 - 130.0% Recovery = 87.18%		
Target Compounds						
M 1,2-Dibromoethane	2.238	0.0	0		µg/L	md 1

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

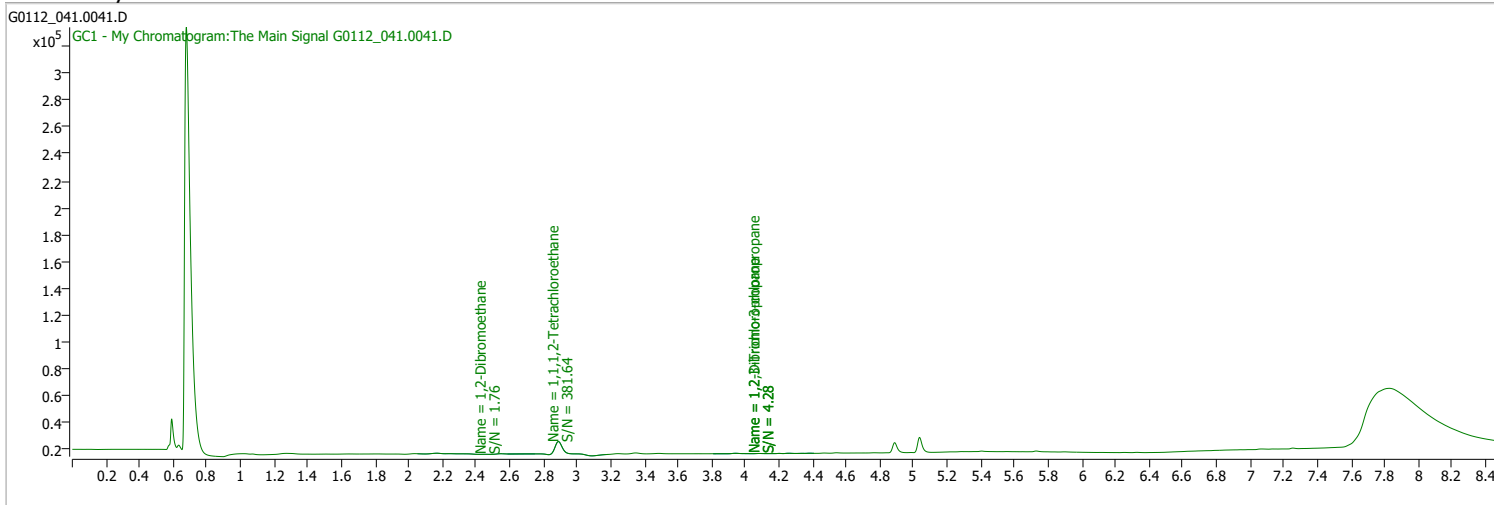
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_041.0041.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 2:41:39 AM
Sample Name	B22010410-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library



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

System Monitoring Compounds

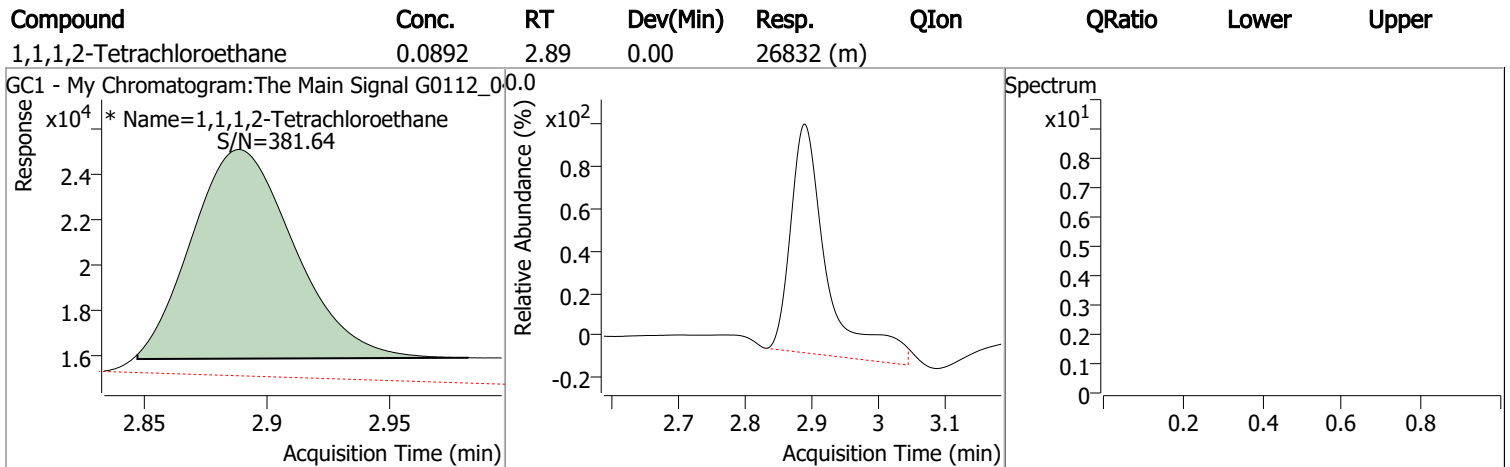
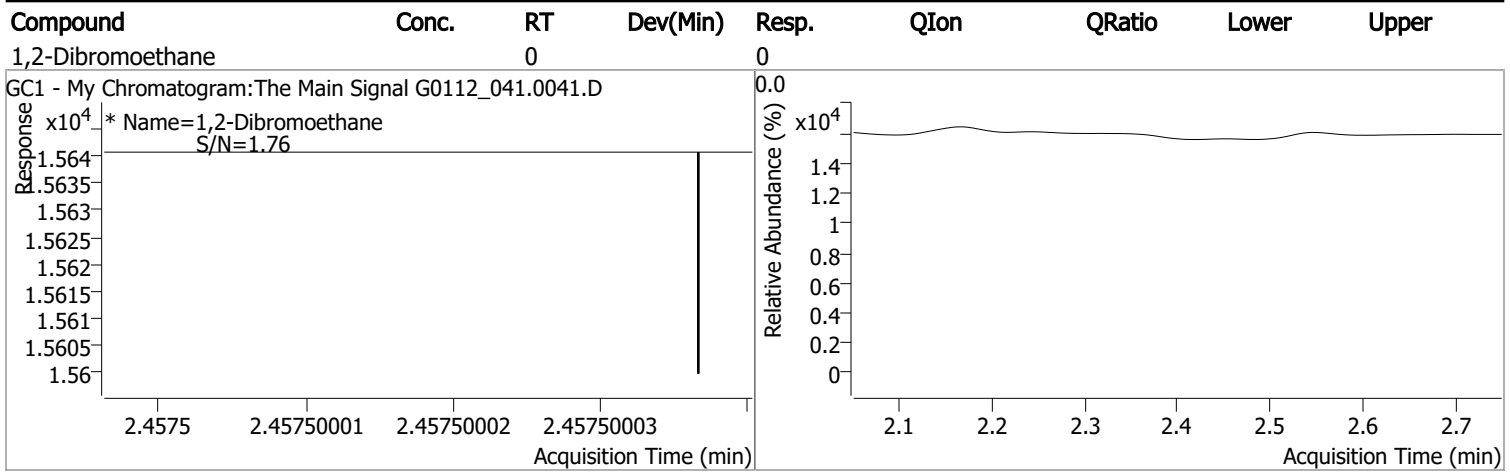
S 1,1,1,2-Tetrachloroethane	2.888	0.0	26832	0.0892	µg/L	m	0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%		Recovery = 89.21%				

Target Compounds

M 1,2-Dibromoethane	2.458	0.0	0	µg/L	md	QValue	1
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(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

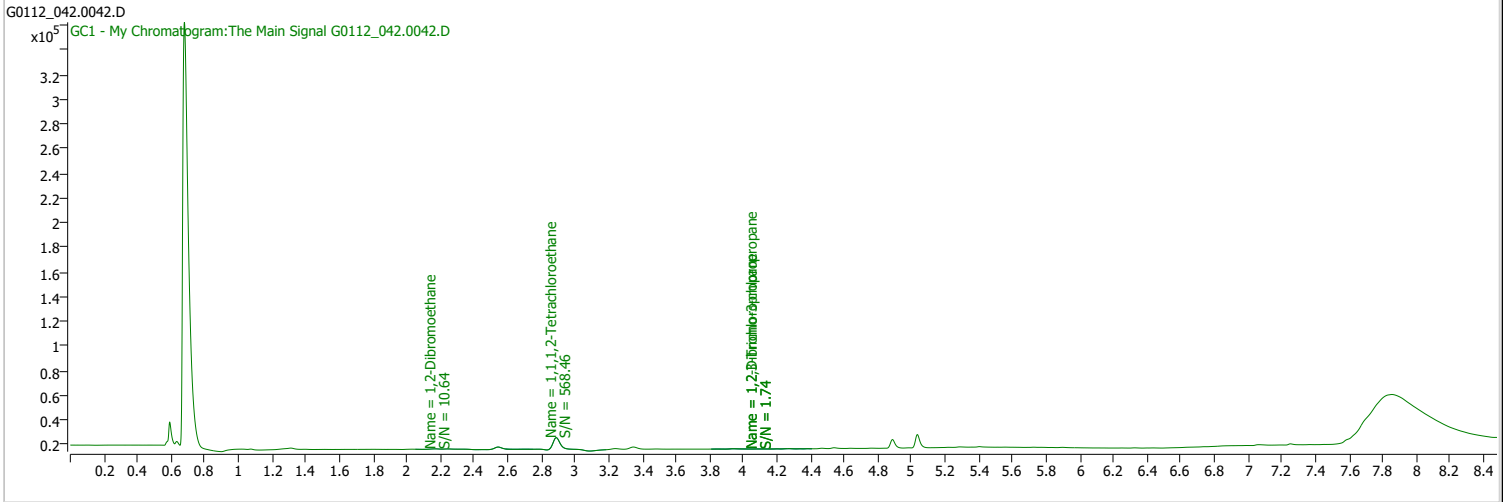
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_042.0042.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 3:01:43 AM
Sample Name	B22010338-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

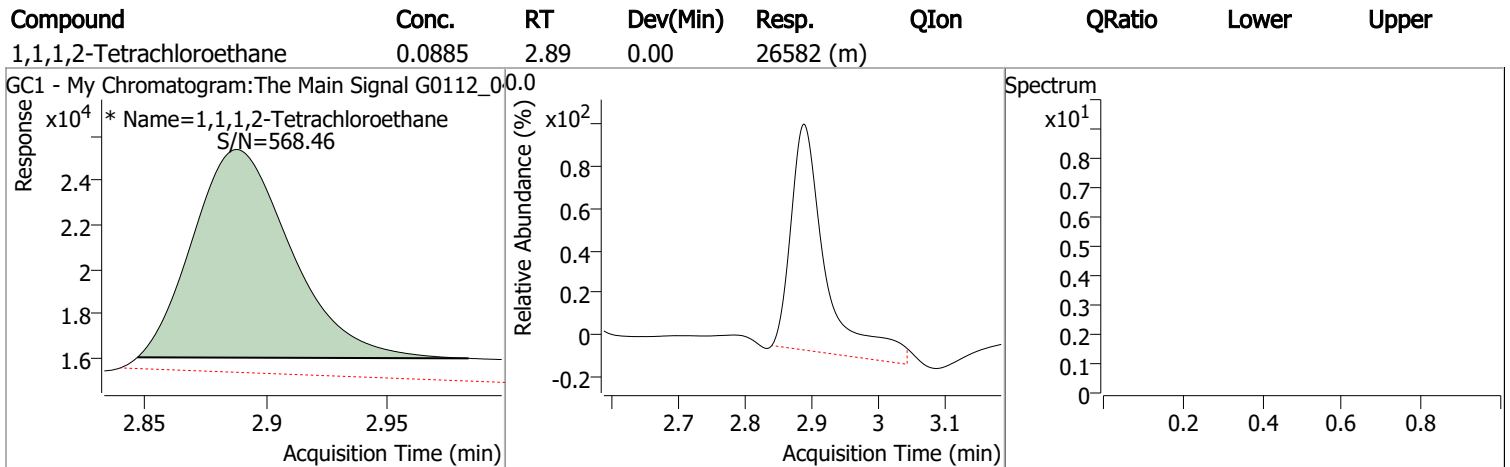
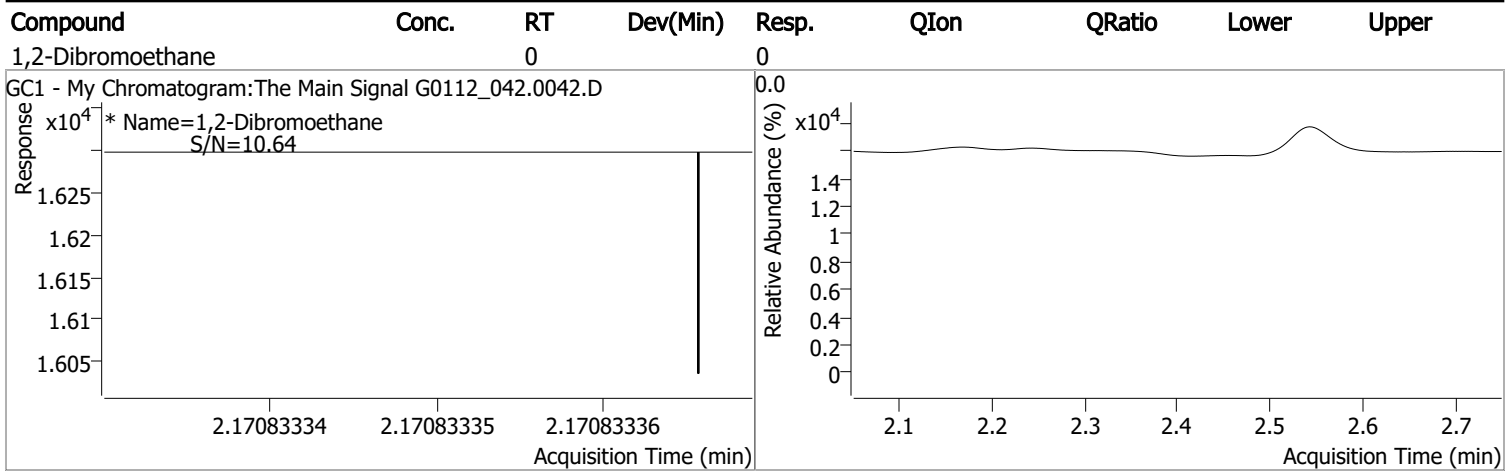
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.888	0.0	26582	0.0885	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 88.50%		
Target Compounds						
M 1,2-Dibromoethane	2.171	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

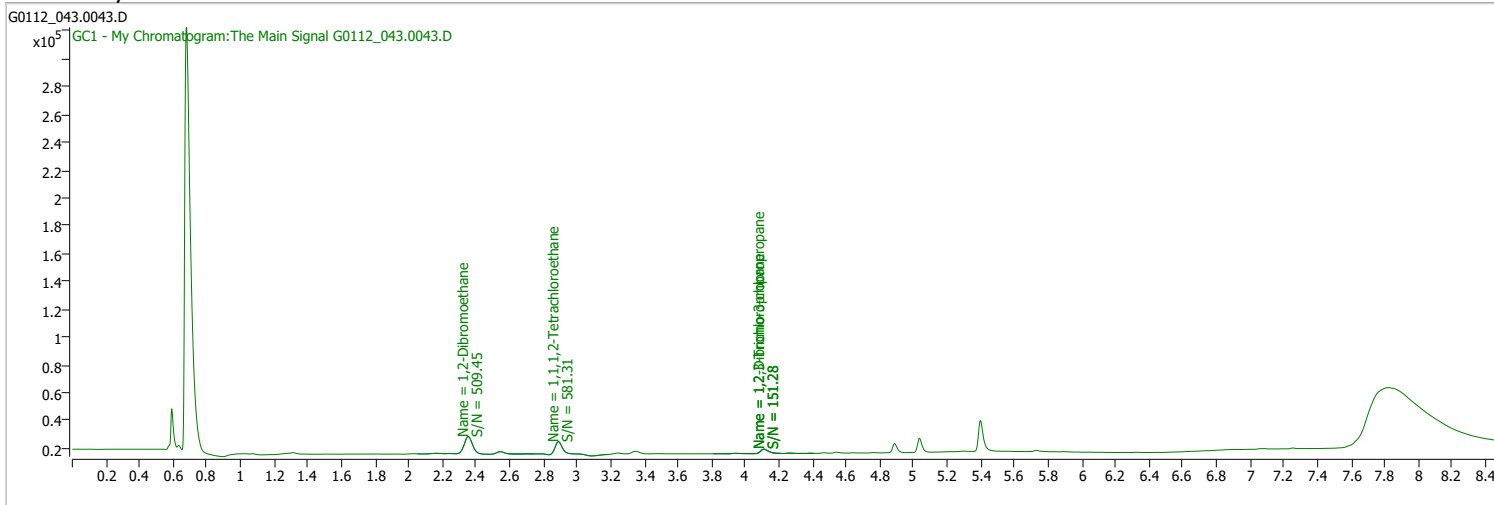
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_043.0043.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 3:21:45 AM
Sample Name	B22010338-001HMS	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 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	2.888	0.0	25296	0.0848	µg/L	m	0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%		Recovery = 84.81%				

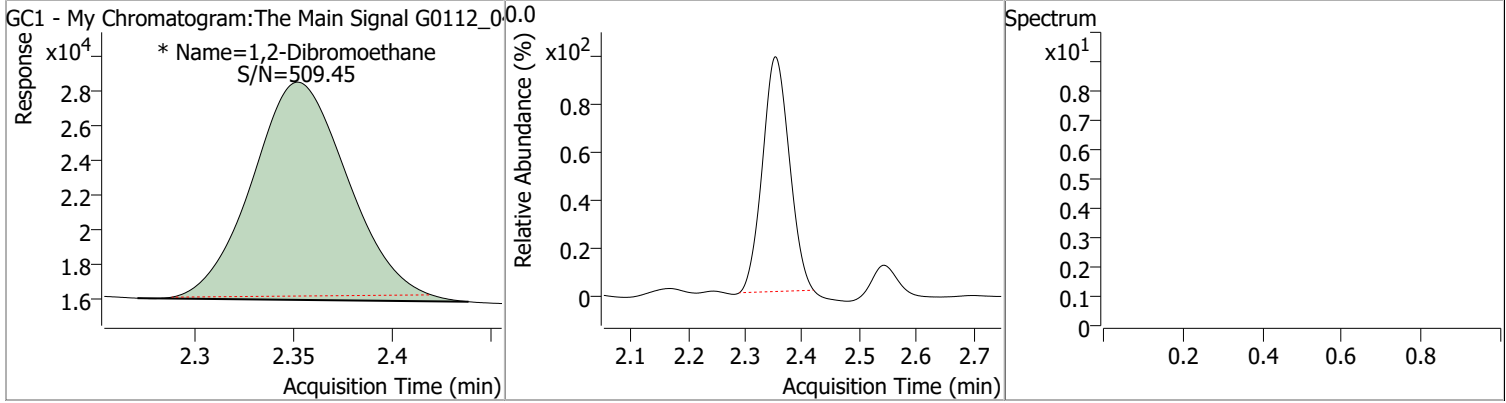
Target Compounds

M 1,2-Dibromoethane	2.352	0.0	42362	0.2338	µg/L	m	QValue 100
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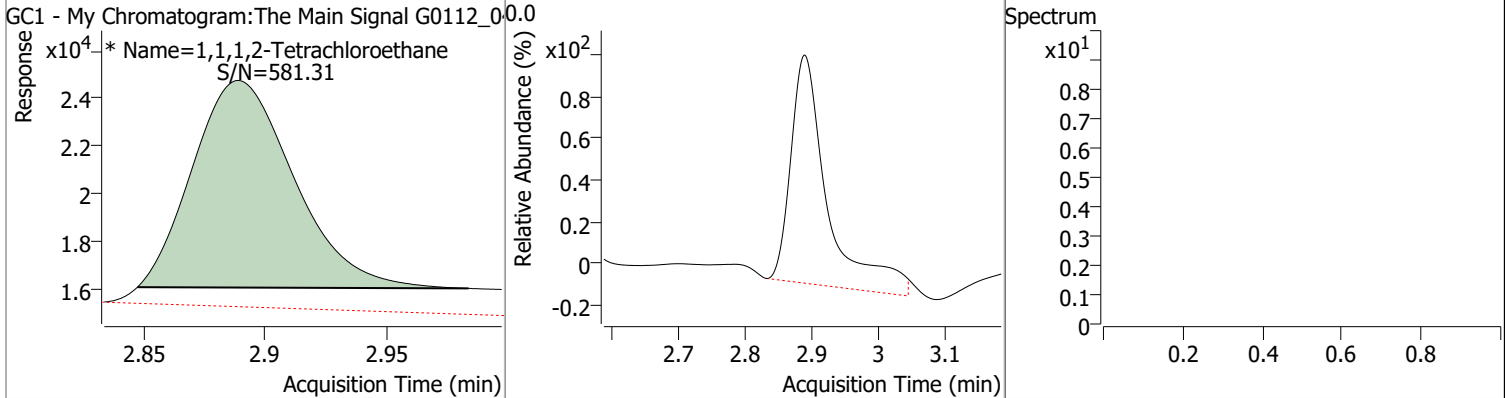
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2338	2.35	0.00	42362 (m)				



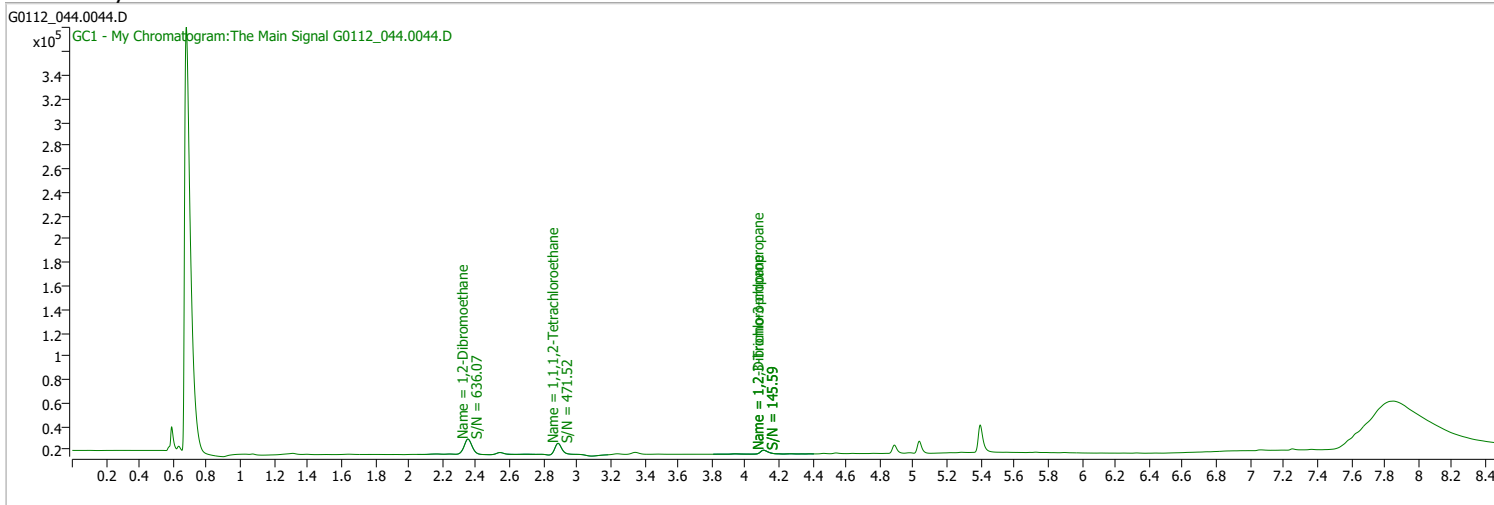
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0848	2.89	0.00	25296 (m)				



Quantitation Results Report (QT Reviewed)

Data File	G0112_044.0044.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 3:41:43 AM
Sample Name	B22010338-001HMSD	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

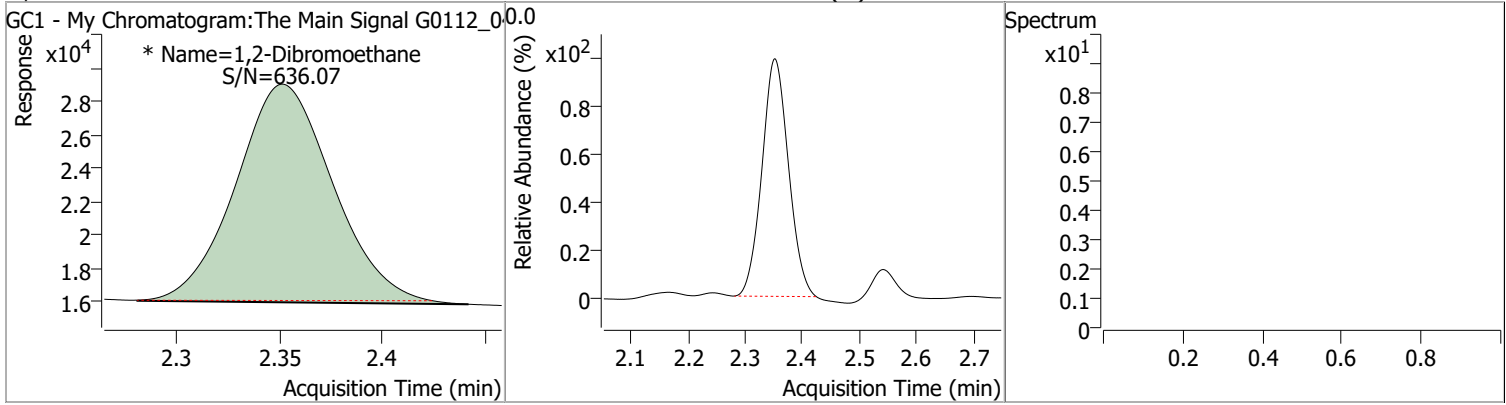


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.887	0.0	25543	0.0855	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 85.52%		
Target Compounds						
M 1,2-Dibromoethane	2.351	0.0	43158	0.2383	µg/L	m
						QValue 100

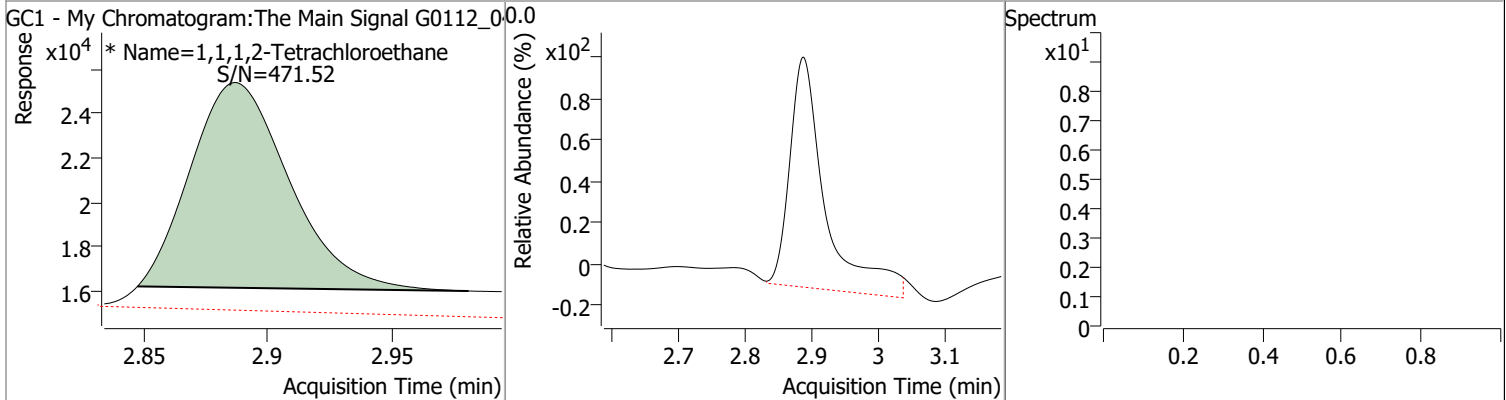
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2383	2.35	0.00	43158 (m)				



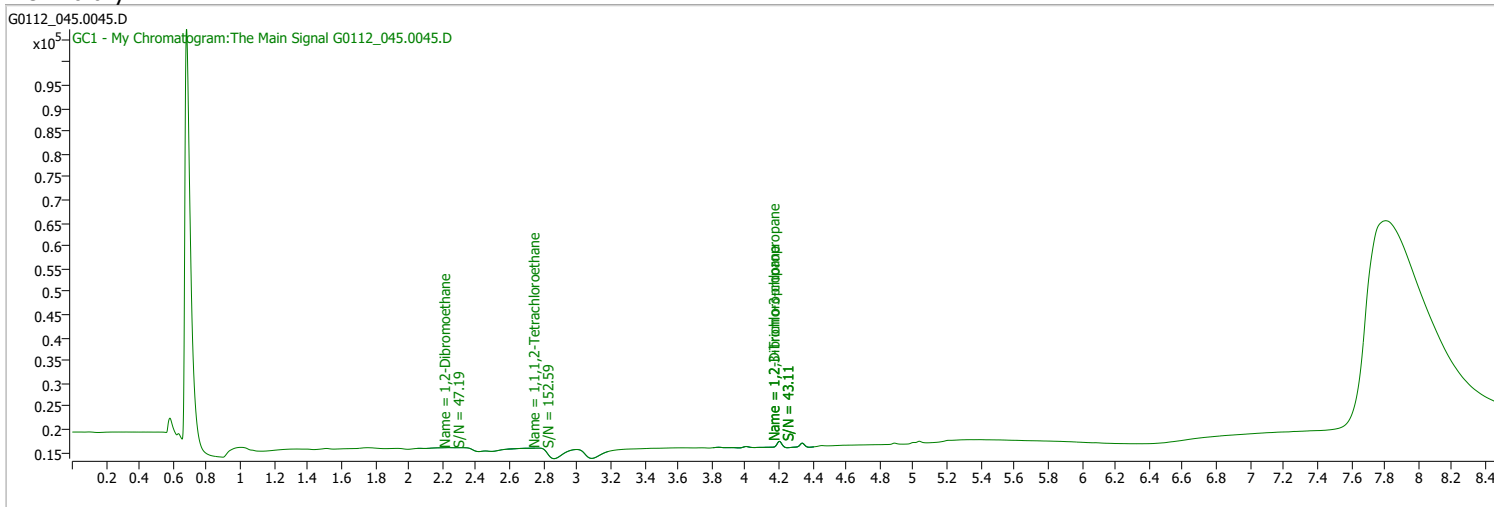
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0855	2.89	0.00	25543 (m)				



Quantitation Results Report (QT Reviewed)

Data File	G0112_045.0045.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 4:01:42 AM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

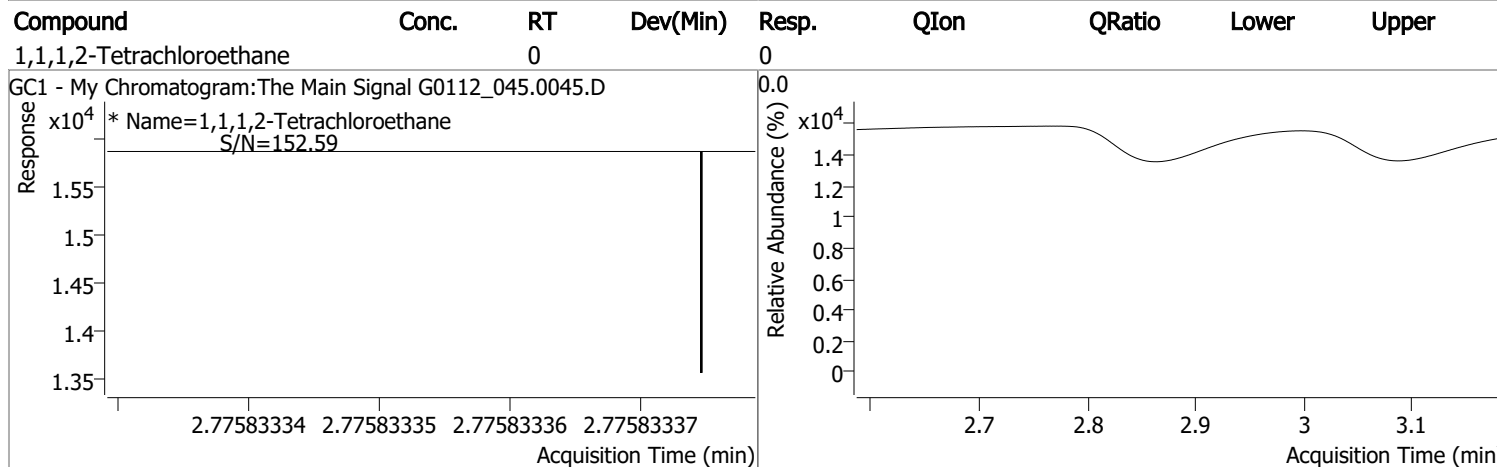
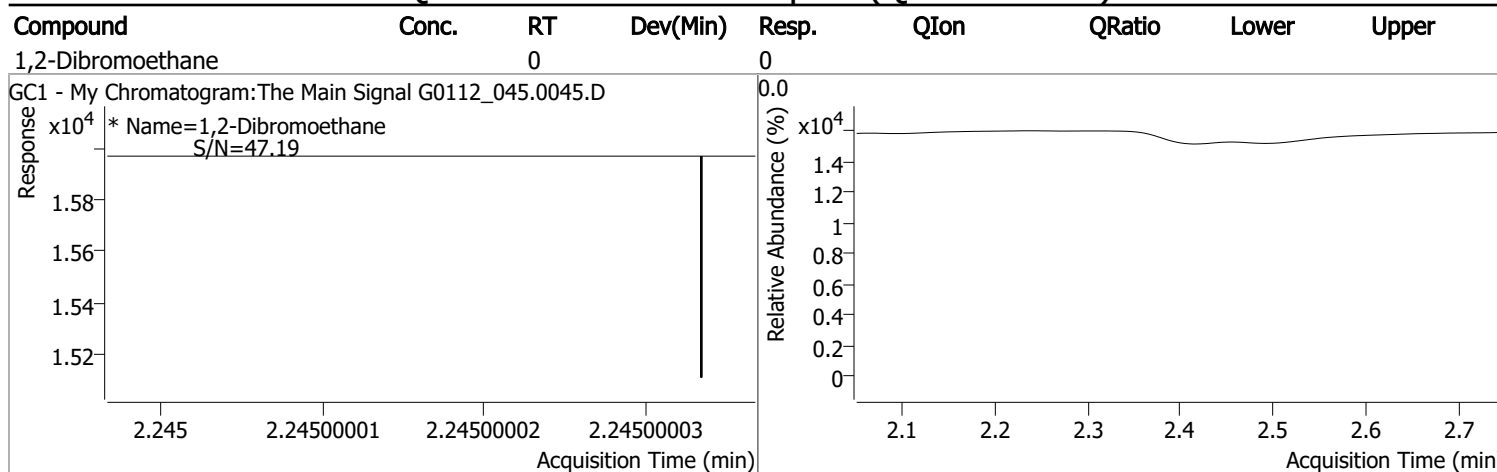
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.776	0.0	0		µg/L	md
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = NA%		
Target Compounds						
M 1,2-Dibromoethane	2.245	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

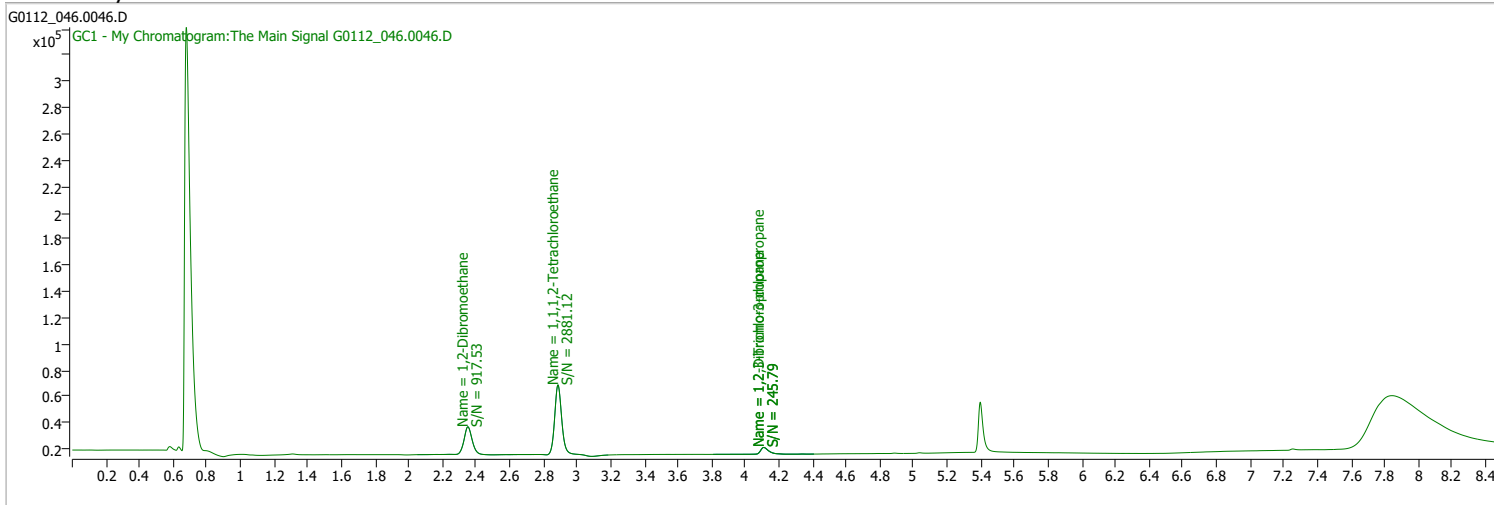
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_046.0046.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 4:21:46 AM
Sample Name	CK5-162876	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

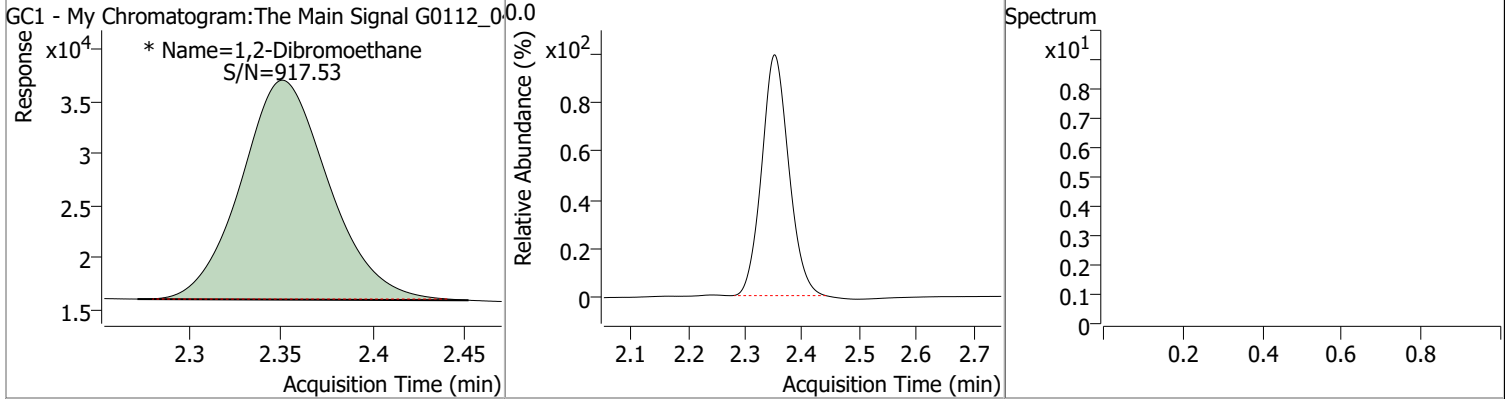


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.887	0.0	154987	0.4287	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 428.69%		*
Target Compounds						
M 1,2-Dibromoethane	2.351	0.0	70390	0.3983	µg/L	m
						QValue
						100

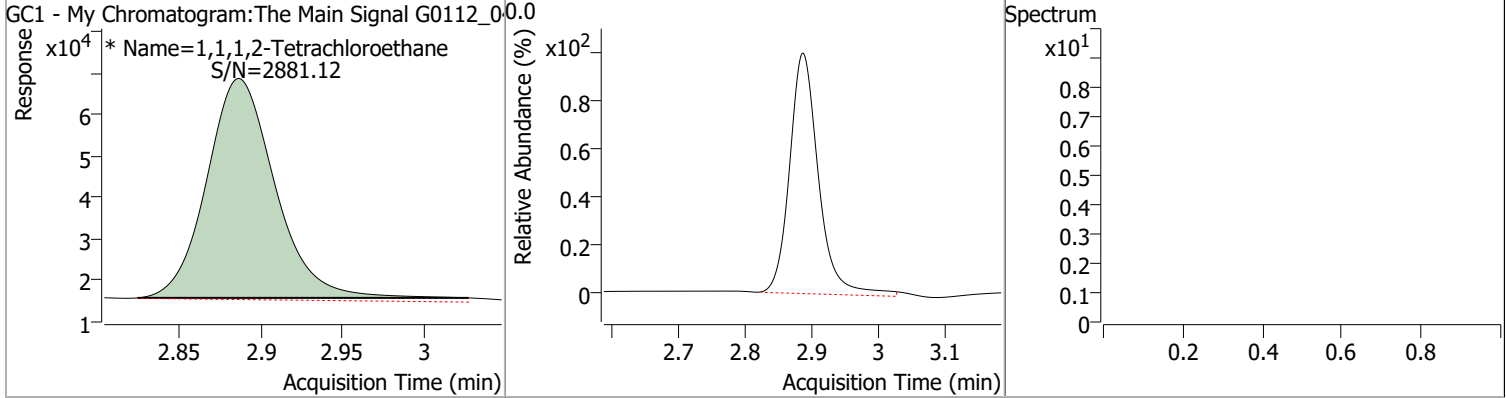
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.3983	2.35	0.00	70390 (m)				



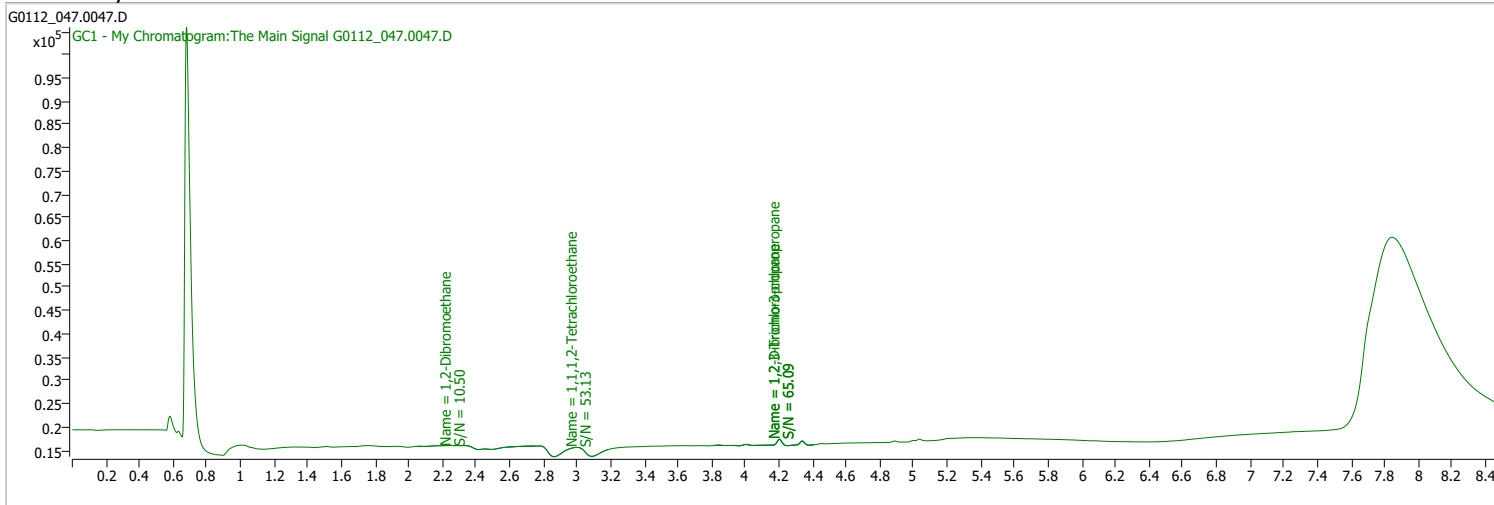
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4287	2.89	0.00	154987 (m)				



Quantitation Results Report (QT Reviewed)

Data File	G0112_047.0047.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 4:41:50 AM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

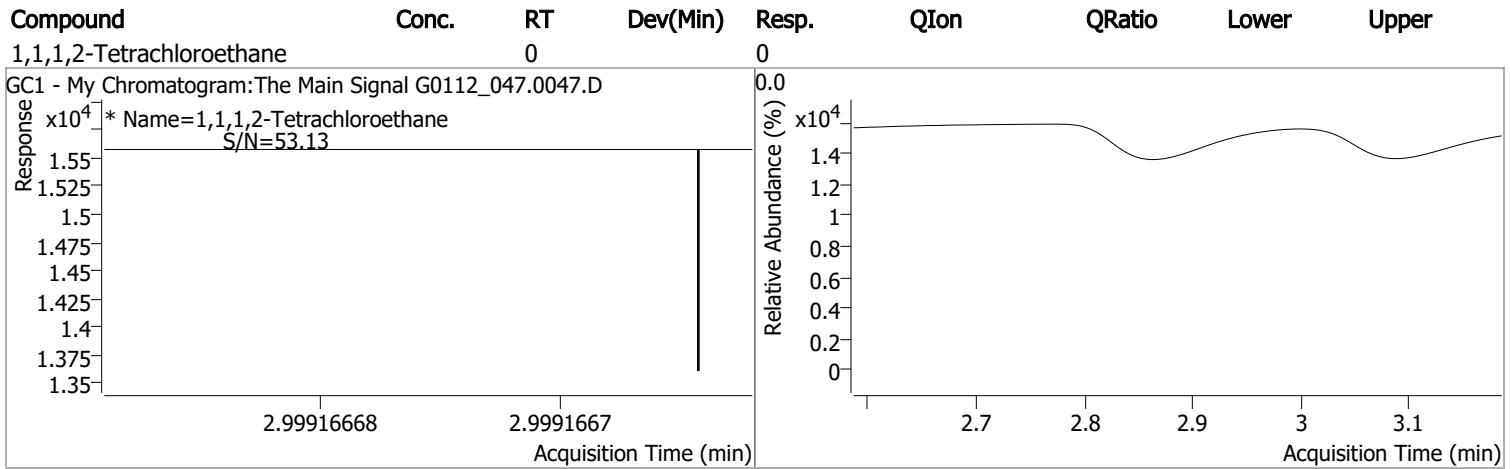
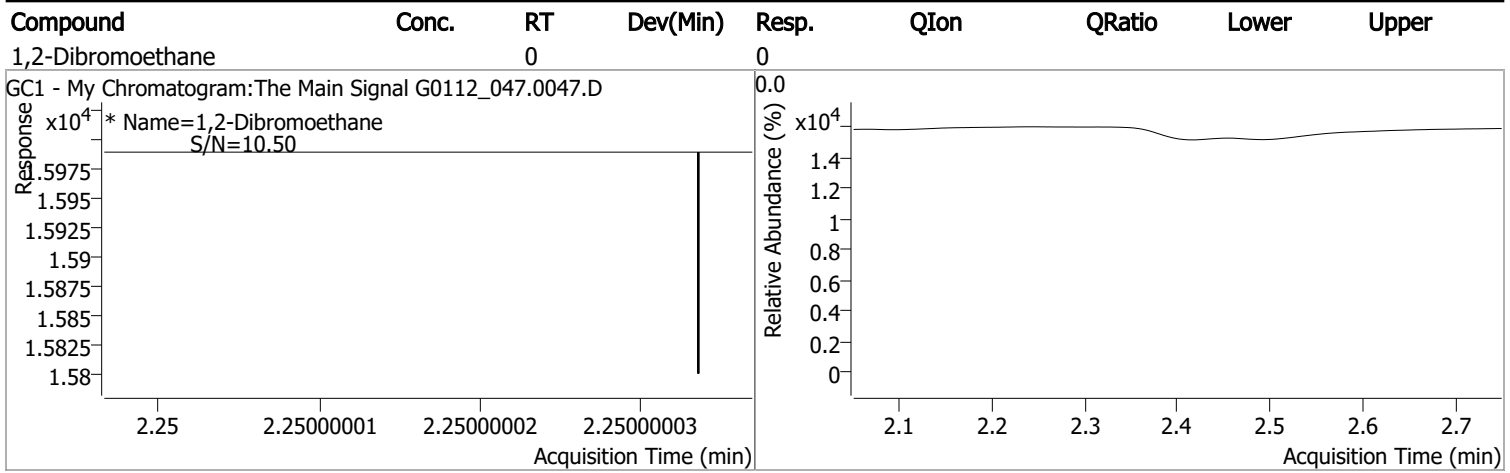
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.999	0.0	0		µg/L	md 0.113
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%		
Target Compounds						
M 1,2-Dibromoethane	2.250	0.0	0		µg/L	md 1

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

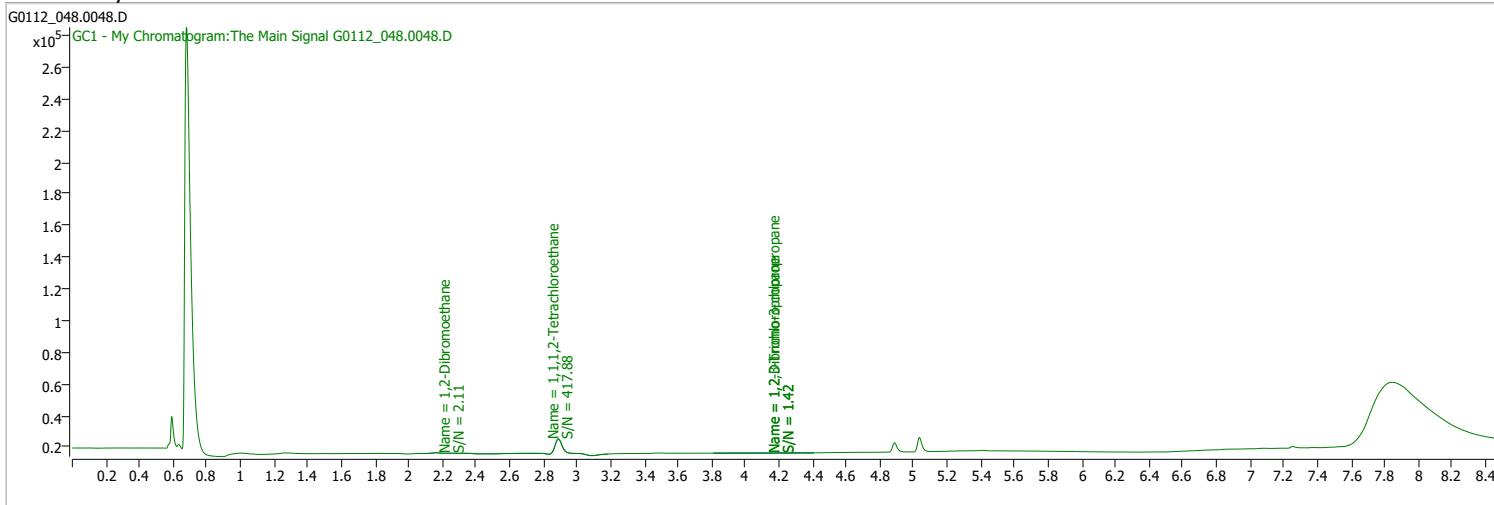
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_048.0048.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 5:01:50 AM
Sample Name	B22010411-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

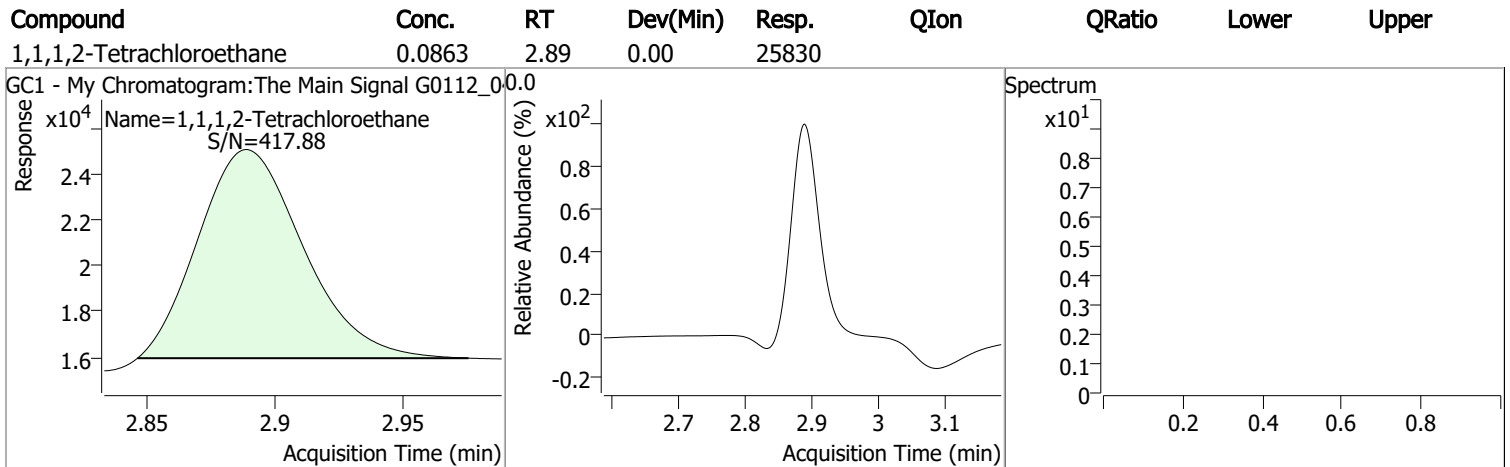
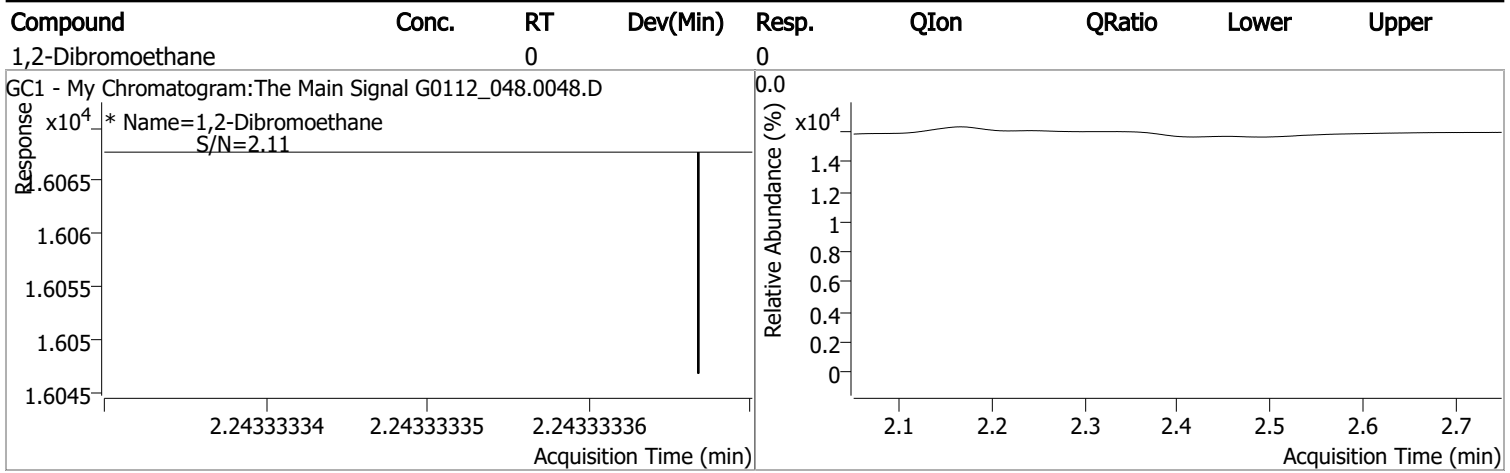
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.888	0.0	25830	0.0863	µg/L	0.002
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 86.34%		
Target Compounds						
M 1,2-Dibromoethane	2.243	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

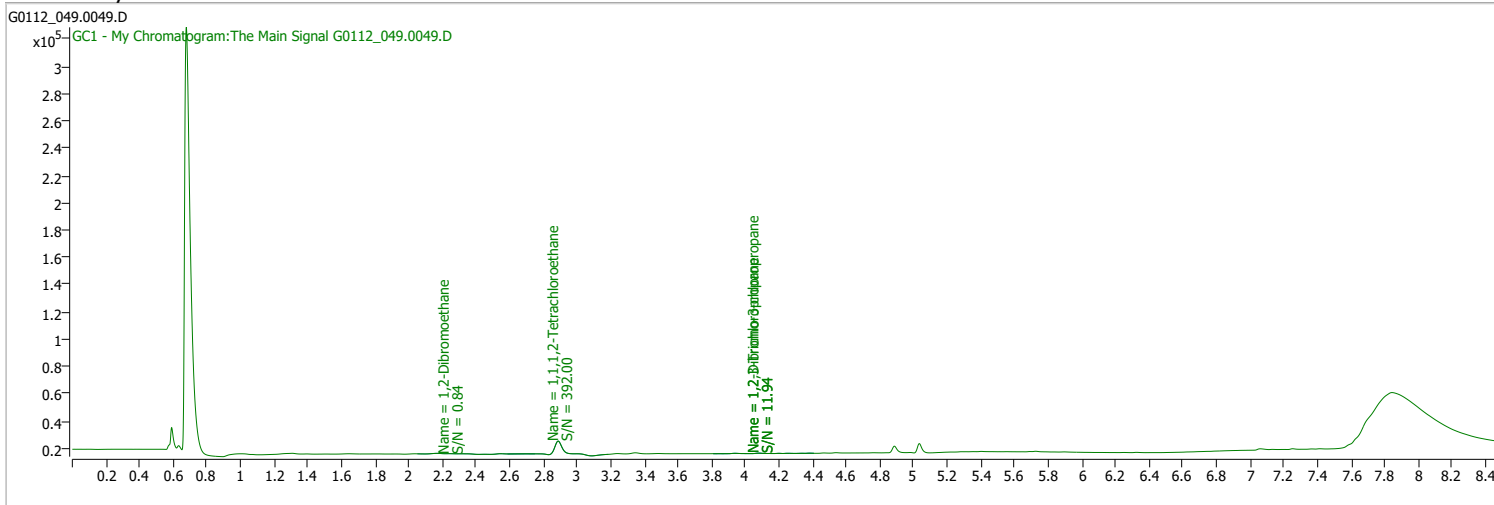
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_049.0049.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 5:21:51 AM
Sample Name	B22010411-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

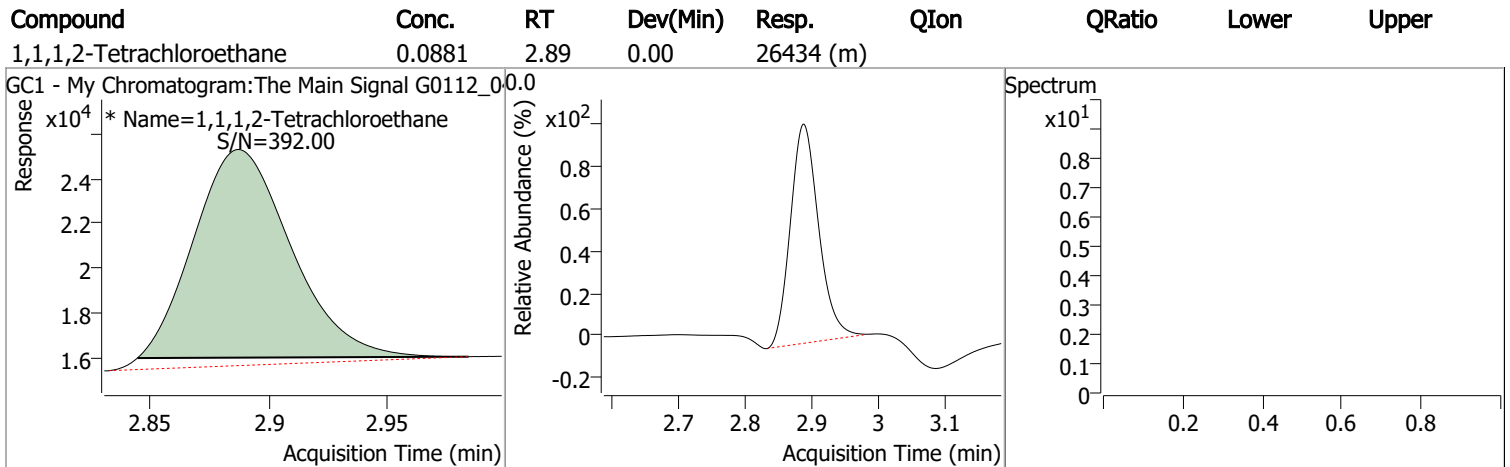
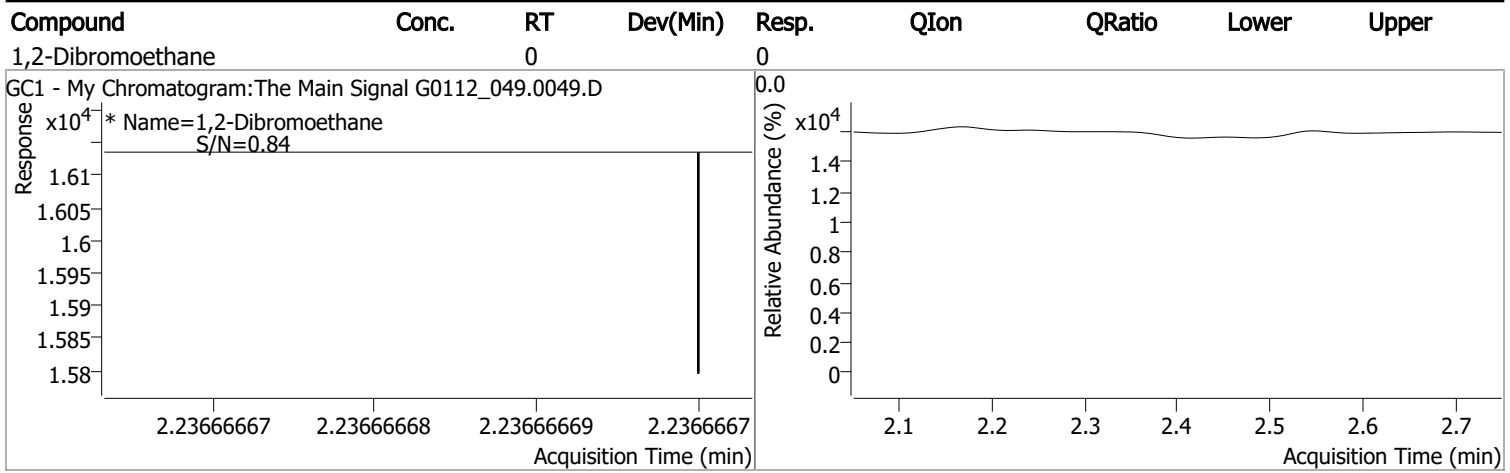
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.888	0.0	26434	0.0881	µg/L	m
Spiked Amount: 0.100		Range: 70.0 - 130.0%		Recovery = 88.07%		
Target Compounds						
M 1,2-Dibromoethane	2.237	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

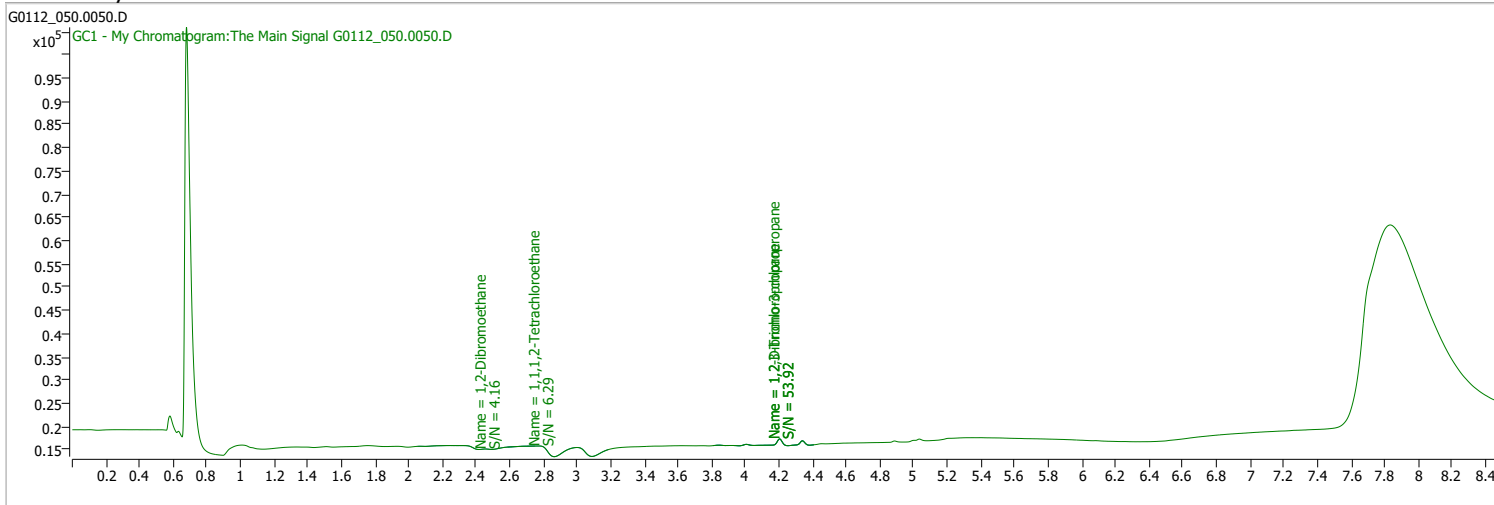
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_050.0050.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 5:41:52 AM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

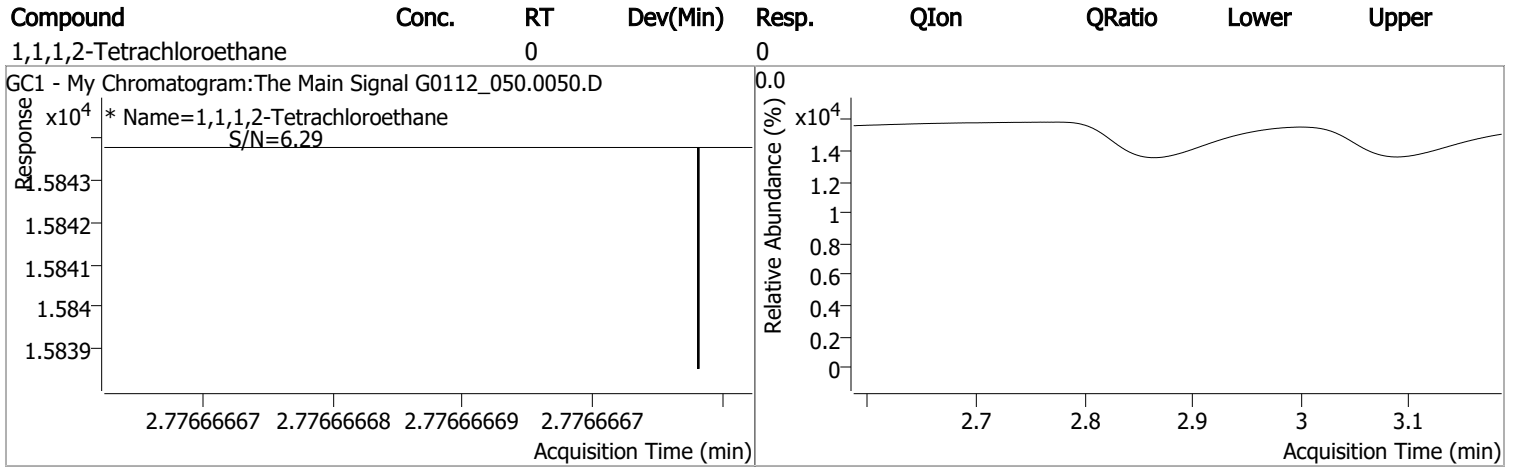
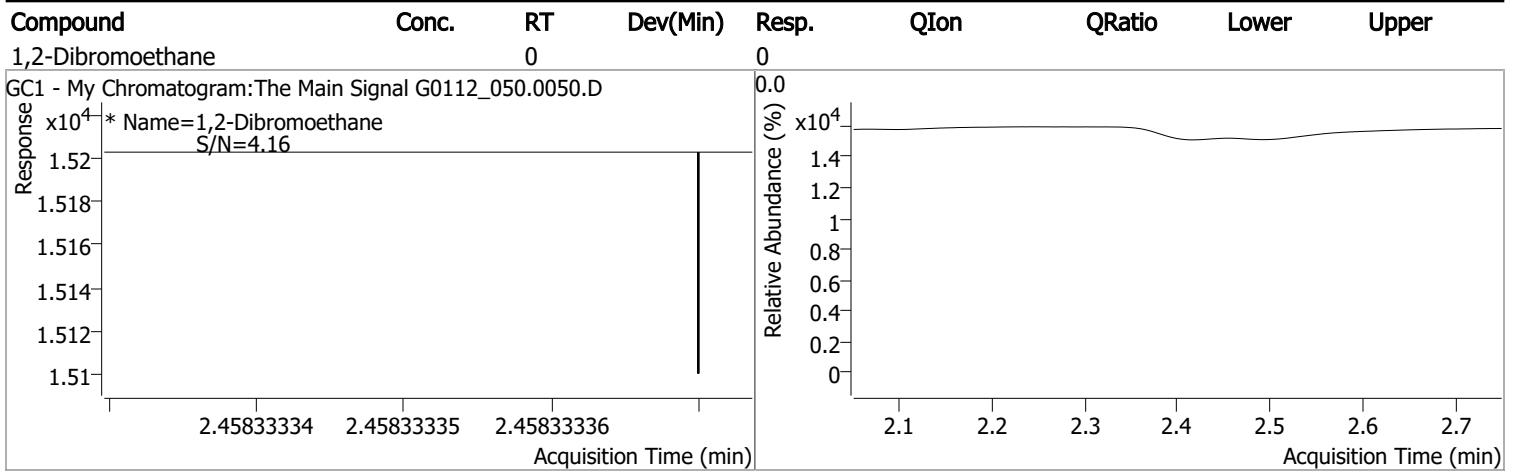
Ref Library



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.777	0.0	0		µg/L	md
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%		
Target Compounds						
M 1,2-Dibromoethane	2.458	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

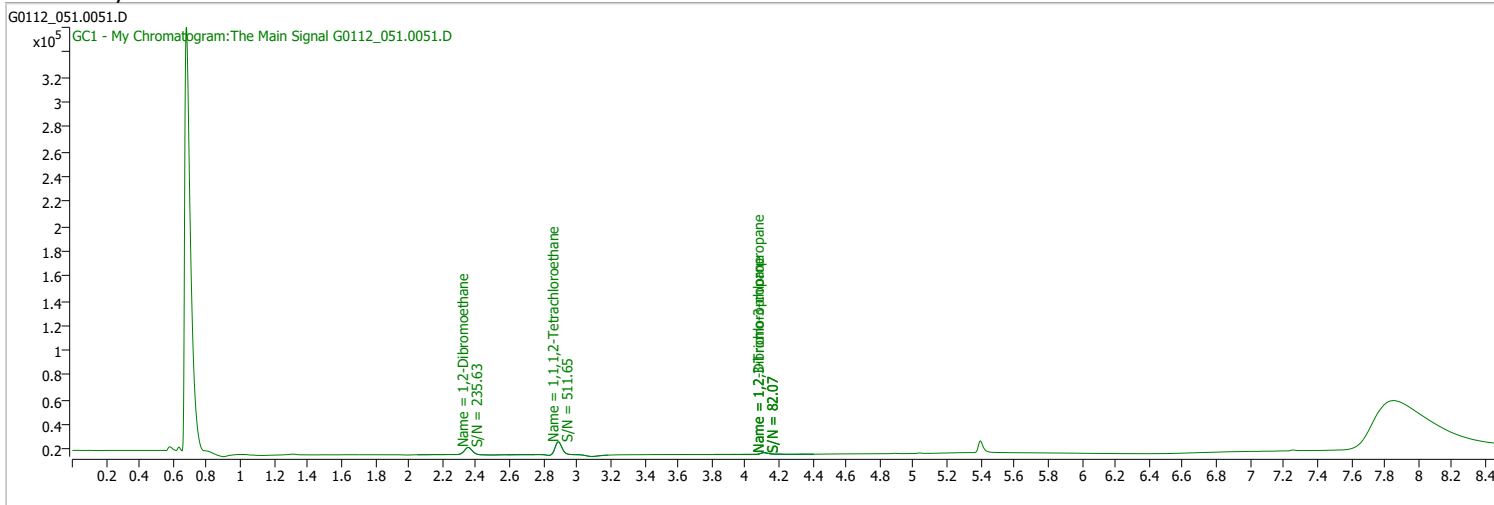
Quantitation Results Report (QT Reviewed)



Quantitation Results Report (QT Reviewed)

Data File	G0112_051.0051.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 6:02:00 AM
Sample Name	CK3-162876	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011222_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011222_8011_W_CLT.batch.bin	Last Calib Update	1/13/2022 8:30:23 AM

Ref Library

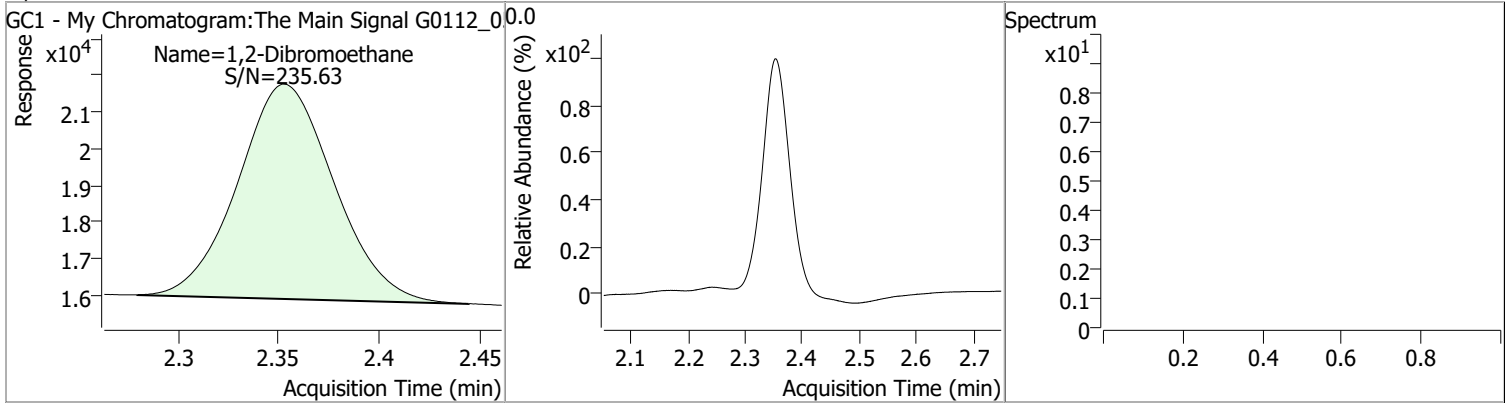


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.888	0.0	30572	0.0999	µg/L	m
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 99.89%		
Target Compounds						
M 1,2-Dibromoethane	2.353	0.0	19488	0.1055	µg/L	QValue 100

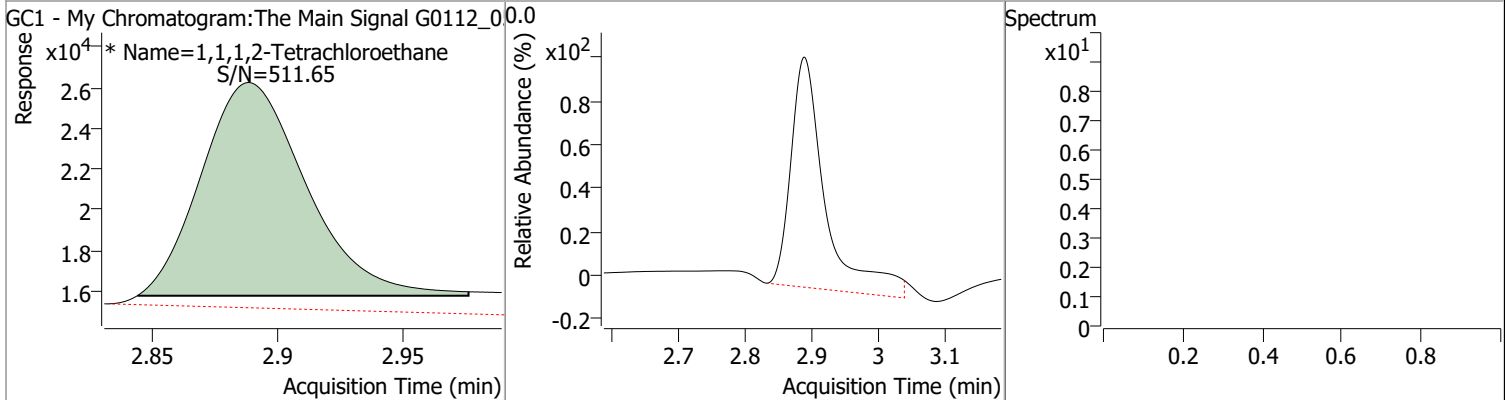
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1055	2.35	0.00	19488				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0999	2.89	0.00	30572 (m)				



Audit Trail report

Batch name and path: \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\QuantResults\G011222_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	1/12/2022 12:58:07 PM	Create new batch \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G011222_8011_W_CLT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	1/12/2022 12:58:11 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_006.0006.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_005.0005.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_004.0004.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_003.0003.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_002.0002.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_001.0001.D			✓	
CmdStartMethodEditing	BL2000\ctran	1/12/2022 12:58:37 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\ctran	1/12/2022 12:58:38 PM	Import method from file \\MASSHUNTER\Org\Data\GECD.I\GEC D_methods\G011022_8011_W_CLT.m			✓	
CmdApplyMethodToAllSamples	BL2000\ctran	1/12/2022 12:58:42 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\ctran	1/12/2022 12:58:42 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\ctran	1/12/2022 12:58:43 PM	End method editing			✓	
CmdQuantitate	BL2000\ctran	1/12/2022 12:58:44 PM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\ctran	1/12/2022 12:58:46 PM	Quantitate all compounds in all samples			✓	
CmdUpdateRetentionTimes	BL2000\ctran	1/12/2022 12:59:21 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	1/12/2022 12:59:24 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	1/12/2022 12:59:40 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\QuantResults\G011222_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	1/13/2022 8:19:19 AM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G011222_8011_W_CLT.batch.bin			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\ctran	1/13/2022 8:19:46 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_051.0051.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_050.0050.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_049.0049.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_048.0048.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_047.0047.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_046.0046.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_045.0045.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_044.0044.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_043.0043.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_042.0042.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_041.0041.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_040.0040.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_039.0039.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_038.0038.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_037.0037.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_036.0036.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_035.0035.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_034.0034.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_033.0033.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_032.0032.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_031.0031.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_030.0030.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_029.0029.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_028.0028.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_027.0027.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_026.0026.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_025.0025.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_024.0024.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_023.0023.D,			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			\\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_022.0022.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_021.0021.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_020.0020.D, \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G0112_019.0019.D				
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:19:57 AM	Set SampleApproved = True for sample G0112_001.0001.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:19:57 AM	Set SampleApproved = True for sample G0112_002.0002.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:19:58 AM	Set SampleApproved = True for sample G0112_003.0003.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:19:58 AM	Set SampleApproved = True for sample G0112_004.0004.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:19:59 AM	Set SampleApproved = True for sample G0112_005.0005.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:20:19 AM	Set SampleType = DoubleBlank for sample G0112_006.0006.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:20:20 AM	Set SampleType = DoubleBlank for sample G0112_019.0019.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:20:38 AM	Set SampleType = Calibration for sample G0112_020.0020.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:20:40 AM	Set SampleType = Calibration for sample G0112_021.0021.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:20:42 AM	Set SampleType = Calibration for sample G0112_022.0022.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:20:43 AM	Set SampleType = Calibration for sample G0112_023.0023.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:20:45 AM	Set SampleType = Calibration for sample G0112_024.0024.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:20:47 AM	Set SampleType = Calibration for sample G0112_025.0025.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:20:50 AM	Set SampleType = Calibration for sample G0112_026.0026.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:20:55 AM	Set LevelName = 1 for sample G0112_020.0020.D; previous value =			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:20:58 AM	Set LevelName = 6 for sample G0112_021.0021.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:03 AM	Set LevelName = 7 for sample G0112_021.0021.D; previous value = 6			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:05 AM	Set LevelName = 2 for sample G0112_022.0022.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:08 AM	Set LevelName = 3 for sample G0112_023.0023.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:11 AM	Set LevelName = 4 for sample G0112_024.0024.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:14 AM	Set LevelName = 5 for sample G0112_025.0025.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:20 AM	Set LevelName = 6 for sample G0112_026.0026.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:25 AM	Set SampleType = DoubleBlank for sample G0112_027.0027.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:27 AM	Set SampleType = QC for sample G0112_028.0028.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:29 AM	Set LevelName = LCS for sample G0112_028.0028.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:32 AM	Set SampleType = CC for sample G0112_029.0029.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:34 AM	Set LevelName = 3 for sample G0112_029.0029.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:36 AM	Set SampleType = Blank for sample G0112_030.0030.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:38 AM	Set SampleType = QC for sample G0112_031.0031.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:40 AM	Set LevelName = LCS for sample G0112_031.0031.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:42 AM	Set SampleType = QC for sample G0112_032.0032.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:45 AM	Set LevelName = LCS1 for sample G0112_032.0032.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:48 AM	Set SampleType = DoubleBlank for sample G0112_033.0033.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:55 AM	Set SampleType = MatrixBlank for sample G0112_042.0042.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:57 AM	Set SampleType = MatrixDup for sample G0112_043.0043.D; previous value = Sample			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:21:59 AM	Set SampleType = Matrix for sample G0112_043.0043.D; previous value = MatrixDup			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:22:02 AM	Set SampleType = MatrixDup for sample G0112_044.0044.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:22:10 AM	Set MatrixSpikeGroup = G338 for sample G0112_042.0042.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:22:15 AM	Set MatrixSpikeGroup = G338 for sample G0112_043.0043.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:22:20 AM	Set MatrixSpikeGroup = G338 for sample G0112_044.0044.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:22:27 AM	Set SampleType = DoubleBlank for sample G0112_045.0045.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:22:29 AM	Set SampleType = CC for sample G0112_046.0046.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:22:31 AM	Set LevelName = 5 for sample G0112_046.0046.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:22:33 AM	Set SampleType = DoubleBlank for sample G0112_047.0047.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:22:36 AM	Set SampleType = DoubleBlank for sample G0112_050.0050.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:22:39 AM	Set SampleType = CC for sample G0112_051.0051.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 8:22:41 AM	Set LevelName = 3 for sample G0112_051.0051.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	1/13/2022 8:22:46 AM	Quantitate all compounds in all samples			✓	
CmdUpdateRetentionTimes	BL2000\ctran	1/13/2022 8:26:56 AM	Update retention time for compound 1,2,3-Trichloropropane; 1,2-Dibromo-3-chloropropane; 1,1,1,2-Tetrachloroethane; 1,2-Dibromoethane;			✓	
CmdQuantitate	BL2000\ctran	1/13/2022 8:27:00 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:27:10 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_028.0028.D, from x, y = 2.845, 16089 to 2.975, 15995, result = 25029; previous integration is from x, y = 2.830, 15423 to 3.038, 14686 and previous response = 36274.			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:27:15 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_029.0029.D, from x, y = 2.843, 16193 to 2.980, 16130, result = 29249; previous integration is from x, y = 2.828, 15583 to 3.037, 14834 and previous response = 40220.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:27:35 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_031.0031.D, from x, y = 2.843, 15891 to 2.975, 15948, result = 25307; previous integration is from x, y = 2.830, 15372 to 3.037, 14654 and previous response = 35856.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:27:40 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_032.0032.D, from x, y = 2.845, 16068 to 2.982, 15927, result = 25058; previous integration is from x, y = 2.830, 15359 to 3.032, 14660 and previous response = 36110.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/13/2022 8:27:50 AM	Drop baseline for compound 1,2-Dibromoethane in sample G0112_021.0021.D to y = 16269, new integration is from x, y = 2.289, 16269 to 2.388, 16269 and new response = 3460; previous integration is from x, y = 2.289, 16269 to 2.388, 16333 and previous response = 3268.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/13/2022 8:27:53 AM	Drop baseline for compound 1,2-Dibromoethane in sample G0112_020.0020.D to y = 16202, new integration is from x, y = 2.294, 16202 to 2.379, 16202 and new response = 1594; previous integration is from x, y = 2.294, 16202 to 2.379, 16237 and previous response = 1505.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/13/2022 8:28:36 AM	Drop baseline for compound 1,2-Dibromoethane in sample G0112_025.0025.D to y = 16235, new integration is from x, y = 2.278, 16235 to 2.432, 16235 and new response = 69409; previous integration is from x, y = 2.278, 16235 to 2.432, 16328 and previous response = 68980.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:28:40 AM	Manually integrate compound 1,2-Dibromoethane in sample G0112_025.0025.D, from x, y = 2.278, 16235 to 2.444, 16151, result = 69824; previous integration is from x, y = 2.278, 16235 to 2.432, 16235 and previous response = 69409.			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/13/2022 8:28:45 AM	Snap baseline for compound 1,2-Dibromoethane in sample G0112_026.0026.D, from x = 2.277 to x = 2.488, new integration is from x, y = 2.277, 16203 to 2.488, 15927 and new response = 160498; previous integration is from x, y = 2.277, 16020 to 2.488, 15926 and previous response = 161667.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/13/2022 8:28:51 AM	Drop baseline for compound 1,2-Dibromoethane in sample G0112_024.0024.D to y = 15832, new integration is from x, y = 2.279, 15832 to 2.476, 15832 and new response = 38915; previous integration is from x, y = 2.279, 16162 to 2.476, 15832 and previous response = 36970.			✓	
CmdClearManualIntegration	BL2000\ctran	1/13/2022 8:28:53 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0112_024.0024.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:29:11 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_020.0020.D, from x, y = 2.841, 15247 to 2.854, 15009, result = -219; previous integration is from x, y = 2.857, 14952 to 2.925, 15818 and previous response = 1428.			✓	
CmdClearManualIntegration	BL2000\ctran	1/13/2022 8:29:12 AM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0112_020.0020.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:29:15 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_020.0020.D, from x, y = 2.879, 15797 to 2.925, 15818, result = 307; previous integration is from x, y = 2.857, 14952 to 2.925, 15818 and previous response = 1428.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:29:20 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_021.0021.D, from x, y = 2.867, 15979 to 2.948, 15966, result = 2572; previous integration is from x, y = 2.850, 15187 to 2.948, 15966 and previous response = 4453.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:29:25 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_022.0022.D, from x, y = 2.854, 16120 to 2.958, 16102, result = 11824; previous integration is from x, y = 2.854, 16191 to 2.958, 16102 and previous response = 11604.			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:29:33 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_023.0023.D, from x, y = 2.843, 16115 to 2.978, 16115, result = 28854; previous integration is from x, y = 2.829, 15555 to 3.027, 14832 and previous response = 39203.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:29:39 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_024.0024.D, from x, y = 2.836, 16358 to 2.982, 16214, result = 64485; previous integration is from x, y = 2.824, 15701 to 3.022, 14852 and previous response = 75676.			✓	
CmdClearManualIntegration	BL2000\ctran	1/13/2022 8:29:41 AM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0112_024.0024.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:29:47 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_024.0024.D, from x, y = 2.837, 16203 to 2.985, 16193, result = 65255; previous integration is from x, y = 2.824, 15701 to 3.022, 14852 and previous response = 75676.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 8:29:48 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_024.0024.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:29:54 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_025.0025.D, from x, y = 2.828, 16365 to 3.000, 16281, result = 149803; previous integration is from x, y = 2.823, 15958 to 3.025, 14988 and previous response = 159799.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 8:29:55 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_025.0025.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	1/13/2022 8:30:04 AM	Quantitate all compounds in all samples			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\ctran	1/13/2022 8:30:24 AM	Replace level 3 with CC sample G0112_051.0051.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 5 with CC sample G0112_046.0046.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level LCS1 with QC sample G0112_032.0032.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level LCS with QC sample G0112_031.0031.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 3 with CC sample G0112_029.0029.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level LCS with QC sample G0112_028.0028.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 6 with Calibration sample G0112_026.0026.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 5 with Calibration sample G0112_025.0025.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 4 with Calibration sample G0112_024.0024.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 3 with Calibration sample G0112_023.0023.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 2 with Calibration sample G0112_022.0022.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 7 with Calibration sample G0112_021.0021.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane,			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
			1,1,1,2-Tetrachloroethane}; Replace level 1 with Calibration sample G0112_020.0020.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane};				
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:31:41 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_034.0034.D, from x, y = 2.845, 15979 to 2.980, 15906, result = 25750; previous integration is from x, y = 2.839, 15516 to 3.031, 14660 and previous response = 35102.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:31:46 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_035.0035.D, from x, y = 2.844, 16083 to 2.963, 16130, result = 25155; previous integration is from x, y = 2.830, 15448 to 2.972, 14967 and previous response = 32426.			✓	
CmdClearManualIntegration	BL2000\ctran	1/13/2022 8:31:48 AM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0112_035.0035.D			✓	
CmdClearManualIntegration	BL2000\ctran	1/13/2022 8:31:50 AM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0112_034.0034.D			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/13/2022 8:31:52 AM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0112_034.0034.D, from x = 2.839 to x = 3.031, new integration is from x, y = 2.839, 15521 to 3.031, 15589 and new response = 29729; previous integration is from x, y = 2.839, 15516 to 3.031, 14660 and previous response = 35102.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:31:57 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_034.0034.D, from x, y = 2.844, 15896 to 2.982, 15901, result = 26111; previous integration is from x, y = 2.839, 15521 to 3.031, 15589 and previous response = 29729.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:32:01 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_035.0035.D, from x, y = 2.844, 16083 to 2.967, 16120, result = 25197; previous integration is from x, y = 2.830, 15448 to 2.972, 14967 and previous response = 32426.			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:32:10 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_037.0037.D, from x, y = 2.847, 16073 to 2.971, 16083, result = 25629; previous integration is from x, y = 2.832, 15406 to 2.981, 14898 and previous response = 33496.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:32:14 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_038.0038.D, from x, y = 2.846, 16010 to 2.982, 16086, result = 26213; previous integration is from x, y = 2.836, 15549 to 2.982, 16086 and previous response = 28032.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:32:20 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_039.0039.D, from x, y = 2.846, 15944 to 2.975, 15881, result = 25984; previous integration is from x, y = 2.846, 15944 to 3.030, 15944 and previous response = 26341.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:32:25 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_040.0040.D, from x, y = 2.849, 15907 to 2.988, 15953, result = 26122; previous integration is from x, y = 2.833, 15385 to 3.044, 14675 and previous response = 36818.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:32:32 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_041.0041.D, from x, y = 2.848, 15907 to 2.983, 15964, result = 26832; previous integration is from x, y = 2.832, 15365 to 3.045, 14631 and previous response = 38105.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:32:38 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_042.0042.D, from x, y = 2.847, 16031 to 2.984, 15984, result = 26582; previous integration is from x, y = 2.840, 15555 to 3.043, 14721 and previous response = 36409.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:32:45 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_043.0043.D, from x, y = 2.848, 16042 to 2.983, 15990, result = 25296; previous integration is from x, y = 2.833, 15410 to 3.045, 14681 and previous response = 36553.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:32:48 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_044.0044.D, from x, y = 2.848, 16229 to 2.981, 16021, result = 25543; previous integration is from x, y = 2.832, 15336 to 3.038, 14683 and previous response = 38134.			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/13/2022 8:32:54 AM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0112_046.0046.D, from x = 2.824 to x = 3.028, new integration is from x, y = 2.824, 15823 to 3.028, 15813 and new response = 154987; previous integration is from x, y = 2.824, 15689 to 3.028, 14800 and previous response = 161981.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:33:06 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_049.0049.D, from x, y = 2.845, 15969 to 2.984, 16031, result = 26434; previous integration is from x, y = 2.833, 15406 to 2.984, 16031 and previous response = 28702.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:33:16 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_051.0051.D, from x, y = 2.844, 15755 to 2.981, 15692, result = 30885; previous integration is from x, y = 2.833, 15355 to 3.039, 14643 and previous response = 39967.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 8:33:19 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0112_051.0051.D, from x, y = 2.844, 15755 to 2.976, 15953, result = 29790; previous integration is from x, y = 2.844, 15755 to 2.981, 15692 and previous response = 30885.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/13/2022 8:33:22 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0112_051.0051.D to y = 15755, new integration is from x, y = 2.844, 15755 to 2.976, 15755 and new response = 30572; previous integration is from x, y = 2.844, 15755 to 2.976, 15953 and previous response = 29790.			✓	
CmdSaveBatchTable	BL2000\ctran	1/13/2022 8:33:28 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\QuantResults\G011222_8011_W_CLT.batch.bin			✓	
CmdQuantitate	BL2000\ctran	1/13/2022 8:33:37 AM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\ctran	1/13/2022 8:33:55 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	1/13/2022 8:34:03 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\QuantResults\G011222_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	1/13/2022 2:27:14 PM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\G011222_8011_W_CLT.batch.bin			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:27:32 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_006.0006.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:27:33 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0112_006.0006.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:27:35 PM	Zero out primary peak of compound 1,2-Dibromo-3-chloropropane in sample G0112_006.0006.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:27:38 PM	Zero out primary peak of compound 1,2,3-Trichloropropane in sample G0112_006.0006.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:27:39 PM	Set SampleApproved = True for sample G0112_006.0006.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:27:42 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_019.0019.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:27:44 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0112_019.0019.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:27:46 PM	Zero out primary peak of compound 1,2-Dibromo-3-chloropropane in sample G0112_019.0019.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:27:48 PM	Zero out primary peak of compound 1,2,3-Trichloropropane in sample G0112_019.0019.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:27:49 PM	Set SampleApproved = True for sample G0112_019.0019.D; previous value = False			✓	
CmdStartMethodEditing	BL2000\ctran	1/13/2022 2:28:06 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\ctran	1/13/2022 2:28:06 PM	Import method from sample G0112_020.0020.D			✓	
CmdSaveMethodAs	BL2000\ctran	1/13/2022 2:28:20 PM	Save method to file \\MASSHUNTER\Org\Data\GEC.D.I\GEC.D_methods\G011222_8011_W_CLT.m			✓	
CmdApplyMethodToAllSamples	BL2000\ctran	1/13/2022 2:28:27 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\ctran	1/13/2022 2:28:27 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\ctran	1/13/2022 2:28:27 PM	End method editing			✓	
CmdQuantitate	BL2000\ctran	1/13/2022 2:28:30 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:30:45 PM	Set SampleApproved = True for sample G0112_020.0020.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:30:46 PM	Set SampleApproved = True for sample G0112_021.0021.D; previous value = False			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:30:46 PM	Set SampleApproved = True for sample G0112_022.0022.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:30:47 PM	Set SampleApproved = True for sample G0112_023.0023.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:30:48 PM	Set SampleApproved = True for sample G0112_024.0024.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:30:48 PM	Set SampleApproved = True for sample G0112_025.0025.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:30:49 PM	Set SampleApproved = True for sample G0112_027.0027.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:30:51 PM	Set SampleApproved = True for sample G0112_026.0026.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:30:55 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_027.0027.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:30:57 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0112_027.0027.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:31:10 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_028.0028.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:31:14 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_024.0024.D; previous value = GT			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:31:16 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_023.0023.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:31:18 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_022.0022.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:31:19 PM	Set UserAnnotation = LT for compound 1,1,1,2-Tetrachloroethane in sample G0112_022.0022.D; previous value = GT			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:31:22 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_021.0021.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:31:24 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_020.0020.D; previous value =			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:31:27 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0112_020.0020.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:31:30 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0112_021.0021.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:31:39 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0112_025.0025.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:31:42 PM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G0112_026.0026.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 2:32:05 PM	Manually integrate compound 1,2-Dibromoethane in sample G0112_028.0028.D, from x, y = 2.278, 16094 to 2.439, 15948, result = 43086; previous integration is from x, y = 2.278, 16094 to 2.423, 16193 and previous response = 41998.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:32:07 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0112_028.0028.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:32:14 PM	Set SampleApproved = True for sample G0112_028.0028.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:32:22 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_029.0029.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:32:28 PM	Set SampleApproved = True for sample G0112_029.0029.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:33:44 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_030.0030.D			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/13/2022 2:33:49 PM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0112_030.0030.D to y = 16110, new integration is from x, y = 2.848, 16110 to 2.957, 16110 and new response = 25228; previous integration is from x, y = 2.848, 16488 to 2.957, 16110 and previous response = 23998.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:33:54 PM	Set UserAnnotation = LT for compound 1,1,1,2-Tetrachloroethane in sample G0112_030.0030.D; previous value =			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:33:58 PM	Set SampleApproved = True for sample G0112_030.0030.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:34:04 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_031.0031.D; previous value =			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/13/2022 2:34:12 PM	Snap baseline for compound 1,2-Dibromoethane in sample G0112_031.0031.D, from x = 2.277 to x = 2.470, new integration is from x, y = 2.277, 16057 to 2.470, 15740 and new response = 42921; previous integration is from x, y = 2.277, 15918 to 2.470, 15743 and previous response = 43708.			✓	
CmdClearManualIntegration	BL2000\ctran	1/13/2022 2:34:15 PM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0112_031.0031.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 2:34:22 PM	Manually integrate compound 1,2-Dibromoethane in sample G0112_032.0032.D, from x, y = 2.282, 16018 to 2.413, 15901, result = 18129; previous integration is from x, y = 2.282, 16018 to 2.409, 16075 and previous response = 17452.			✓	
CmdClearManualIntegration	BL2000\ctran	1/13/2022 2:34:23 PM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0112_032.0032.D			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/13/2022 2:34:25 PM	Drop baseline for compound 1,2-Dibromoethane in sample G0112_032.0032.D to y = 16018, new integration is from x, y = 2.282, 16018 to 2.409, 16018 and new response = 17669; previous integration is from x, y = 2.282, 16018 to 2.409, 16075 and previous response = 17452.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:34:27 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0112_032.0032.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:34:31 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_032.0032.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:34:33 PM	Set SampleApproved = True for sample G0112_032.0032.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:34:36 PM	Set SampleApproved = True for sample G0112_031.0031.D; previous value = False			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:35:39 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0112_033.0033.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:35:41 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_033.0033.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:35:44 PM	Zero out primary peak of compound 1,2-Dibromo-3-chloropropane in sample G0112_033.0033.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:35:46 PM	Zero out primary peak of compound 1,2,3-Trichloropropane in sample G0112_033.0033.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:35:47 PM	Set SampleApproved = True for sample G0112_033.0033.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:35:53 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_034.0034.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:35:56 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_034.0034.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:36:23 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_035.0035.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:36:26 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_035.0035.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:36:34 PM	Set SampleApproved = True for sample G0112_034.0034.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:36:34 PM	Set SampleApproved = True for sample G0112_035.0035.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:36:42 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_036.0036.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:36:48 PM	Set SampleApproved = True for sample G0112_036.0036.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:37:16 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_037.0037.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:37:19 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_037.0037.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:38:44 PM	Set SampleApproved = True for sample G0112_037.0037.D; previous value = False			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:38:47 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_038.0038.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:38:51 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_038.0038.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:38:53 PM	Set SampleApproved = True for sample G0112_038.0038.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:38:56 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_039.0039.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:38:59 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_039.0039.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:39:02 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_040.0040.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:39:06 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_040.0040.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:39:07 PM	Set SampleApproved = True for sample G0112_039.0039.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:39:08 PM	Set SampleApproved = True for sample G0112_040.0040.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:39:11 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_041.0041.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:39:15 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_041.0041.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:39:17 PM	Set SampleApproved = True for sample G0112_041.0041.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:39:19 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_042.0042.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:39:23 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_042.0042.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:39:24 PM	Set SampleApproved = True for sample G0112_042.0042.D; previous value = False			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:39:27 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_043.0043.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:39:30 PM	Set SampleApproved = True for sample G0112_043.0043.D; previous value = False			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/13/2022 2:39:44 PM	Drop baseline for compound 1,2-Dibromoethane in sample G0112_043.0043.D to y = 16178, new integration is from x, y = 2.289, 16178 to 2.420, 16178 and new response = 40959; previous integration is from x, y = 2.289, 16178 to 2.420, 16310 and previous response = 40439.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 2:39:48 PM	Manually integrate compound 1,2-Dibromoethane in sample G0112_043.0043.D, from x, y = 2.272, 16120 to 2.438, 15917, result = 42362; previous integration is from x, y = 2.289, 16178 to 2.420, 16178 and previous response = 40959.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:39:50 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0112_043.0043.D; previous value =			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/13/2022 2:39:53 PM	Drop baseline for compound 1,2-Dibromoethane in sample G0112_044.0044.D to y = 16061, new integration is from x, y = 2.281, 16061 to 2.424, 16061 and new response = 42267; previous integration is from x, y = 2.281, 16093 to 2.424, 16061 and previous response = 42129.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 2:39:56 PM	Manually integrate compound 1,2-Dibromoethane in sample G0112_044.0044.D, from x, y = 2.281, 16061 to 2.442, 15849, result = 43158; previous integration is from x, y = 2.281, 16061 to 2.424, 16061 and previous response = 42267.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:39:58 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0112_044.0044.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:40:03 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_044.0044.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:40:03 PM	Set SampleApproved = True for sample G0112_044.0044.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:40:17 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0112_045.0045.D			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:40:19 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_045.0045.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:40:21 PM	Set SampleApproved = True for sample G0112_045.0045.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/13/2022 2:40:33 PM	Manually integrate compound 1,2-Dibromoethane in sample G0112_046.0046.D, from x, y = 2.272, 16021 to 2.453, 15906, result = 70390; previous integration is from x, y = 2.280, 16029 to 2.441, 16029 and previous response = 69726.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:40:36 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0112_046.0046.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:40:41 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_046.0046.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:40:43 PM	Set SampleApproved = True for sample G0112_046.0046.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:40:45 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0112_047.0047.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:40:46 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_047.0047.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:40:49 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_048.0048.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:40:56 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_049.0049.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:40:59 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_049.0049.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:41:02 PM	Set SampleApproved = True for sample G0112_047.0047.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:41:02 PM	Set SampleApproved = True for sample G0112_048.0048.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:41:04 PM	Set SampleApproved = True for sample G0112_049.0049.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:41:07 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0112_050.0050.D			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	1/13/2022 2:41:10 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0112_050.0050.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:41:12 PM	Set SampleApproved = True for sample G0112_050.0050.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/13/2022 2:41:16 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0112_051.0051.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:41:21 PM	Set SampleApproved = True for sample G0112_051.0051.D; previous value = False			✓	
CmdQuantitate	BL2000\ctran	1/13/2022 2:41:56 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:48:27 PM	Set SampleType = CC for sample G0112_020.0020.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:48:29 PM	Set SampleType = CC for sample G0112_021.0021.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:48:31 PM	Set SampleType = CC for sample G0112_022.0022.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:48:32 PM	Set SampleType = CC for sample G0112_023.0023.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:48:34 PM	Set SampleType = CC for sample G0112_024.0024.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:48:36 PM	Set SampleType = CC for sample G0112_025.0025.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/13/2022 2:48:38 PM	Set SampleType = CC for sample G0112_026.0026.D; previous value = Calibration			✓	
CmdQuantitate	BL2000\ctran	1/13/2022 2:48:40 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	1/13/2022 2:53:51 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011222\aiexport\QuantResults\G011222_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\srcox	1/30/2022 12:16:15 PM	Open batch D:\Org\Data\GECD.I\G011222\aiexport\G011222_8011_W_CLT.batch.bin			✓	
GenerateReport	BL2000\srcox	1/30/2022 12:17:27 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Gen_ResultsSummary.m, Output Path: D:\Org\Data\GECD.I\G011222\aiexport\QuantReports\G011222_8011_W_CLT			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
GenerateReport	BL2000\srcox	1/30/2022 12:19:35 PM	Generates report - Method: \\MASSHUNTER\Org\reports\init_cal_rpt.m, Output Path: D:\Org\Data\GECD.I\G011222\aiareport\QuantReports\G011222_8011_W_CLT-1			✓	
GenerateReport	BL2000\srcox	1/30/2022 12:21:23 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Gen_Calibration.m, Output Path: D:\Org\Data\GECD.I\G011222\aiareport\QuantReports\G011222_8011_W_CLT-2			✓	
GenerateReport	BL2000\srcox	1/30/2022 12:23:29 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Env_QuantResults_wGraphics+Chromatogram.m, Output Path: D:\Org\Data\GECD.I\G011222\aiareport\QuantReports\G011222_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/NCSL 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 for information regarding this RM.



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/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937

Certificate of Analysis

Product Number: DWM-514-1

Lot Number: 0006573696

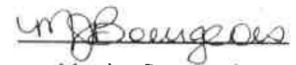
Expiration of Certification:

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

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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

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 ² (µg/mL)	Certified Analyte Concentration ¹ (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 #: 14066
Opened: _____
Laboratory Fortified Blank Sample Concentrate
Expires: 2/6/2023
Rec'd: 7/14/2021
Energy Laboratories Inc 1120 So. 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.

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

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

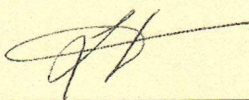
The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution 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

Energy Laboratories Inc

Spike LOG

Standard ID: PH071421LFB
Standard Name: LaboratoryFortifiedBlank0.25ug/mL(MeOH) Type: Primary
Date Prepared: 7/14/2021 BY: Selina R. Cox
Date Expires: 2/6/2023
Department: PST/HRB Status: New
Vendor: AccuStandard
Lot Number: 220021015
Balance ID:

Comments: Date prepared = Date received Concentration= 0.25ug/mL 4X1mL

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Laboratory Fortified Blank Sample Conce	14066	4	mL	2/6/2023

Final Volume: 4 mL

Stock Source

Base Units

Amount Added

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 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/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937

Energy Laboratories Inc

Standard LOG

Standard ID: PH122821504SU
Standard Name: 504.1 Surrogate (0.1ug/mL)MeOH
Date Prepared: 12/28/2021
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-0114

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap - EB199-US	14334	9.99	mL	3/20/
1, 1, 1, 2-Tetrachloroethane Standard	14248	0.01	mL	11/30

Final Volume: 10 mL

Stock Source

Base Units

Amount Added

Analvtes

CAS

Conc: **ug/mL**