PREP BATCH REPORT

Prep Batch **163331** | Prep Code: **PRP-8011-W** | Prep Temp **NA °C** | Technician: **Carry L Tran** | Batch Units: **ML** | Prep Start Date: **1/28/2022 8:52:54 AM** | Prep End Date: **1/28/2022 11:40:00 A**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
MB-163331		6	35	0	0	2.0	0.057		1/28/2022	1/28/2022
	CLT spiked and surrogated. ORR witnessed and assisted. AJC assisted.									
LCS-163331		6	35	0	0	2.0	0.057		1/28/2022	1/28/2022
	Samples went on solvent at 10:35am									
LCS1-163331		6	35	0	0	2.0	0.057	Bal #25	1/28/2022	1/28/2022
	5mL_19K50667 calibrated/passed on 01/28/2022 prior to the extraction.									
CAL1-163331		6	35	0	0	2.0	0.057	Bal #25	1/28/2022	1/28/2022
	Unlocked to add comments, pHs - CLT 1/28/22									
CAL7-163331		6	35	0	0	2.0	0.057	Bal #25	1/28/2022	1/28/2022
	All samples poured to 35mL using a gravimetrically determined standard made by CLT on 01/28/2022									
CAL2-163331		6	35	0	0	2.0	0.057	Bal #25	1/28/2022	1/28/2022
	Unlocked to add comments- CLT 1/31/22									
CAL3-163331		6	35	0	0	2.0	0.057	Bal #25	1/28/2022	1/28/2022
CAL4-163331		6	35	0	0	2.0	0.057	Bal #25	1/28/2022	1/28/2022
CAL5-163331		6	35	0	0	2.0	0.057	Bal #25	1/28/2022	1/28/2022
CAL6-163331		6	35	0	0	2.0	0.057	Bal #25	1/28/2022	1/28/2022
B22011592-001H	Ground Water	1	36	0	0	2.0	0.056	Bal #25	1/28/2022	1/28/2022
	Vial 1/3. Combined vial and sample weight of 61.58g with cap on. Empty vial weight with cap on 25.79g= 35.79g. Entire sample consumed in extraction.									
B22011592-001HMS	Ground Water	1	36	0	0	2.0	0.056	Bal #25	1/28/2022	1/28/2022
	Vial 2/3. Combined vial and sample weight of 61.38g with cap on. Empty vial weight with cap on 25.76g= 35.62g.Entire sample consumed in extraction.									
B22011592-001HMSD	Ground Water	1	36	0	0	2.0	0.056	Bal #25	1/28/2022	1/28/2022
	Vial 3/3. Combined vial and sample weight of 61.63g with cap on. Empty vial weight with cap on 25.69g= 35.94g.Entire sample consumed in extraction.									
B22011592-004A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	1/28/2022	1/28/2022
	Vial 1/1. Combined vial and sample weight of 61.39g with cap on. Empty vial weight with cap on 25.69g= 35.70g.Entire sample consumed in extraction.									
B22011592-006H	Ground Water	1	36	0	0	2.0	0.055	Bal #25	1/28/2022	1/28/2022
	Vial 1/3. Combined vial and sample weight of 62.17g with cap on. Empty vial weight with cap on 25.74g= 36.43g.									

Number	Reagent Name	Exp Date	
11	Carbon Filter Water	1/1/2023	35mL
13776	4ML, Amber Vial, 24163942	4/20/2026	
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
14729	Laboratory Fortified Blank Sample Concentrate	2/6/2023	14uL,3

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl 01/22/22(13	Baked Sodium Chloride	ALL	7g	6/15/2026
PH011922504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL Except CALs	35uL	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

PREP BATCH REPORT

Prep Code: **PRP-8011-W** Technician: **Carry L Tran** Prep Start Date: **1/28/2022 8:52:54 AM**

Prep Batch **163331** Prep Temp **NA °C** Batch Units: **ML** Prep End Date: **1/28/2022 11:40:00 A**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
B22011592-010A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	1/28/2022	1/28/2022
Vial 1/1. Combined vial and sample weight of 61.34g with cap on. Empty vial weight with cap on 25.68g= 35.66g.Entire sample consumed in extraction.										
B22011592-012H	Ground Water	1	36	0	0	2.0	0.055	Bal #25	1/28/2022	1/28/2022
Vial 1/3. Combined vial and sample weight of 61.67g with cap on. Empty vial weight with cap on 25.61g= 36.06g.										
B22011592-015A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	1/28/2022	1/28/2022
Vial 1/1. Combined vial and sample weight of 61.67g with cap on. Empty vial weight with cap on 25.83g= 35.84g.Entire sample consumed in extraction.										
B22011592-017H	Ground Water	1	36	0	0	2.0	0.056	Bal #25	1/28/2022	1/28/2022
Vial 1/3. Combined vial and sample weight of 61.52g with cap on. Empty vial weight with cap on 25.70g= 35.82g. Slight sediment present in sample.										
B22011592-020A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	1/28/2022	1/28/2022
Vial 1/1. Combined vial and sample weight of 61.52g with cap on. Empty vial weight with cap on 25.90g= 35.62g.Entire sample consumed in extraction.										
B22011592-022H	Ground Water	1	36	0	0	2.0	0.056	Bal #25	1/28/2022	1/28/2022
Vial 1/3. Combined vial and sample weight of 61.44g with cap on. Empty vial weight with cap on 25.63g= 35.81g.										
B22011592-025A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	1/28/2022	1/28/2022
Vial 1/1. Combined vial and sample weight of 61.73g with cap on. Empty vial weight with cap on 25.80g= 35.93g.Entire sample consumed in extraction.										
B22011592-027H	Ground Water	1	36	0	0	2.0	0.056	Bal #25	1/28/2022	1/28/2022
Vial 1/3. Combined vial and sample weight of 61.95g with cap on. Empty vial weight with cap on 26.24g= 35.71g.										
B22011592-030A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	1/28/2022	1/28/2022
Vial 1/1. Combined vial and sample weight of 61.37g with cap on. Empty vial weight with cap on 25.80g= 35.57g.Entire sample consumed in extraction.										
B22011717-001H	Ground Water	1	36	0	0	2.0	0.056	Bal #25	1/28/2022	1/28/2022
Vial 1/3. Combined vial and sample weight of 61.52g with cap on. Empty vial weight with cap on 25.79g= 35.73g.										
B22011717-004A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	1/28/2022	1/28/2022
Vial 1/1. Combined vial and sample weight of 61.40g with cap on. Empty vial weight with cap on 25.66g= 35.74g.Entire sample consumed in extraction.										

Number	Reagent Name	Exp Date	
11	Carbon Filter Water	1/1/2023	35mL
13776	4ML, Amber Vial, 24163942	4/20/2026	
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
14729	Laboratory Fortified Blank Sample Concentrate	2/6/2023	14uL,3

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl 01/22/22(13	Baked Sodium Chloride	ALL	7g	6/15/2026
PH011922504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL Except CALs	35uL	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

Energy Laboratories Inc

ANALYTICAL RUN Summary

09-Mar-22

Run ID GECD.I_220128A

Run Start Date: 1/28/2022
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
15006761	CAL1-163331	PST-8011-W	CAL1	GECD.I\G012822\	1/28/2022 12:03:	1	163331	1/28/2022 8:	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	0.01016	0.0101346		0.01	0	0	0.0025835	0.01	0	101%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.0121	0.01206975		0.01	0	0	0.0056259	0.02	0	121%	60	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006762	CAL7-163331	PST-8011-W	CAL7	GECD.I\G012822\	1/28/2022 12:23:	1	163331	1/28/2022 8:	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	0.01731	0.01726673		0.02	0	0	0.0025835	0.01	0	86%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01852	0.0184737		0.02	0	0	0.0056259	0.02	0	92%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006763	CAL2-163331	PST-8011-W	CAL2	GECD.I\G012822\	1/28/2022 12:43:	1	163331	1/28/2022 8:	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	0.04902	0.04889745		0.05	0	0	0.0025835	0.01	0	98%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.04481	0.04469798		0.05	0	0	0.0056259	0.02	0	89%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006764	CAL3-163331	PST-8011-W	CAL3	GECD.I\G012822\	1/28/2022 1:02:5	1	163331	1/28/2022 8:	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	0.10462	0.10435845		0.1	0	0	0.0025835	0.01	0	104%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09404	0.0938049		0.1	0	0	0.0056259	0.02	0	94%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006765	CAL4-163331	PST-8011-W	CAL4	GECD.I\G012822\	1/28/2022 1:22:4	1	163331	1/28/2022 8:	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	0.1958	0.1953105		0.2	0	0	0.0025835	0.01	0	98%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.19776	0.1972656		0.2	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
15006766	CAL5-163331	PST-8011-W	CAL5	GECD.I\G012822\	1/28/2022 1:42:2	1	163331	1/28/2022 8:	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	0.40154	0.40053615		0.4	0	0	0.0025835	0.01	0	100%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.41734	0.41629665		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
15006767	CAL6-163331	PST-8011-W	CAL6	GECD.I\G012822\	1/28/2022 2:02:1	1	163331	1/28/2022 8:	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	0.99986	0.99736035		1	0	0	0.0025835	0.01	0	100%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.99511	0.99262223		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
15006768	LCS-163331	PST-8011-W	ICV	GECD.I\G012822\	1/28/2022 2:41:3	1	163331	1/28/2022 8:	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	0.24122	0.24061695		0.25	0	0	0.0025835	0.01	0	96%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.0941	0.09386475		0.1	0	0	0.0056259	0.02	0	94%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006769	CAL3-163331	PST-8011-W	CCV3	GECD.I\G012822\	1/28/2022 3:01:2	1	163331	1/28/2022 8:	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	0.10663	0.10636343		0.1	0	0	0.0025835	0.01	0	106%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09575	0.09551063		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
15006770	MB-163331	PST-8011-W	MBLK	GECD.I\G012822\	1/28/2022 3:21:1	1	163331	1/28/2022 8:	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	0.09692	0.0966777		0.1	0	0	0.0056259	0.02	0	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006771	LCS-163331	PST-8011-W	LCS-DOD	GECD.I\G012822\	1/28/2022 3:41:0	1	163331	1/28/2022 8:	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	0.242	0.241395		0.25	0	0	0.0025835	0.01	0	97%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09572	0.0954807		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
15006772	LCS1-163331	PST-8011-W	LCS1	GECD.I\G012822\	1/28/2022 4:00:4	1	163331	1/28/2022 8:	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	0.10343	0.10317143		0.1	0	0	0.0025835	0.01	0	103%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09472	0.0944832		0.1	0	0	0.0056259	0.02	0	94%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006773	B22011592-004	PST-8011-W	SAMP	GECD.I\G012822\	1/28/2022 4:40:1	1	163331	1/28/2022 8:	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	0.09765	0.095697		0.098	0	0	0.0055272	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
15006774	B22011592-006	PST-8011-W	SAMP	GECD.I\G012822\	1/28/2022 4:59:5	1	163331	1/28/2022 8:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09927	0.09554738		0.096	0	0	0.0054285	0.02	0	100%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006775	B22011592-010	PST-8011-W	SAMP	GECD.I\G012822\	1/28/2022 5:19:4	1	163331	1/28/2022 8:	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	0.09655	0.094619		0.098	0	0	0.0055272	0.02	0	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006776	B22011592-012	PST-8011-W	SAMP	GECD.I\G012822\	1/28/2022 5:39:3	1	163331	1/28/2022 8:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09751	0.09385338		0.097	0	0	0.0054285	0.02	0	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006777	B22011592-015	PST-8011-W	SAMP	GECD.I\G012822\	1/28/2022 5:59:1	1	163331	1/28/2022 8:	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	0.09733	0.0953834		0.098	0	0	0.0055272	0.02	0	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006778	B22011592-017	PST-8011-W	SAMP	GECD.I\G012822\	1/28/2022 6:19:1	1	163331	1/28/2022 8:	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	0.02	0	0%	0	0	0%	UD
1,1,1,2-Tetrachloroethane	S	ug/L	0.09833	0.0963634		0.098	0	0	0.0055272	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
15006779	B22011592-020	PST-8011-W	SAMP	GECD.I\G012822\	1/28/2022 6:39:0	1	163331	1/28/2022 8:	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	0.09666	0.0947268		0.098	0	0	0.0055272	0.02	0	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006780	B22011592-001	PST-8011-W	SAMP	GECD.I\G012822\	1/28/2022 6:58:4	1	163331	1/28/2022 8:	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	0.02	0	0%	0	0	0%	UD
1,1,1,2-Tetrachloroethane	S	ug/L	0.09386	0.0919828		0.098	0	0	0.0055272	0.02	0	94%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006781	B22011592-001	PST-8011-W	MS-DOD	GECD.I\G012822\	1/28/2022 7:18:3	1	163331	1/28/2022 8:	2E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.26832	0.2629536		0.245	0	0	0.0025382	0.01	0	107%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09731	0.0953638		0.098	0	0	0.0055272	0.02	0	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006782	B22011592-001	PST-8011-W	MSD-DOD	GECD.I\G012822\	1/28/2022 7:38:2	1	163331	1/28/2022 8:	2E+07	2E+07	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.2778	0.272244		0.2425	0	0.2629536	0.0025382	0.01	0	112%	60	140	3%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10198	0.0999404		0.097	0	0	0.0055272	0.02	0	103%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006783	CAL5-163331	PST-8011-W	CCV4	GECD.I\G012822\	1/28/2022 8:18:0	1	163331	1/28/2022 8:	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	0.42276	0.4217031		0.4	0	0	0.0025835	0.01	0	105%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.43804	0.4369449		0.4	0	0	0.0056259	0.02	0	109%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006784	B22011592-022	PST-8011-W	SAMP	GECD.I\G012822\	1/28/2022 8:57:3	1	163331	1/28/2022 8:	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	0.1038	0.101724		0.098	0	0	0.0055272	0.02	0	104%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006785	B22011592-025	PST-8011-W	SAMP	GECD.I\G012822\	1/28/2022 9:17:1	1	163331	1/28/2022 8:	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	0.10425	0.102165		0.097	0	0	0.0055272	0.02	0	105%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006786	B22011592-027	PST-8011-W	SAMP	GECD.I\G012822\	1/28/2022 9:37:0	1	163331	1/28/2022 8:	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	0.10694	0.1048012		0.098	0	0	0.0055272	0.02	0	107%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006787	B22011592-030	PST-8011-W	SAMP	GECD.I\G012822\	1/28/2022 9:56:5	1	163331	1/28/2022 8:	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	0.10347	0.1014006		0.098	0	0	0.0055272	0.02	0	103%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006788	B22011717-001	PST-8011-W	SAMP	GECD.I\G012822\	1/28/2022 10:16:	1	163331	1/28/2022 8:	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	0.09868	0.0967064		0.098	0	0	0.0055272	0.02	0	99%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006789	B22011717-004	PST-8011-W	SAMP	GECD.I\G012822\	1/28/2022 10:36:	1	163331	1/28/2022 8:	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	0.09933	0.0973434		0.098	0	0	0.0055272	0.02	0	99%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15006790	CAL3-163331	PST-8011-W	CCV3	GECD.I\G012822\	1/28/2022 11:16:	1	163331	1/28/2022 8:	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	0.10662	0.10635345		0.1	0	0	0.0025835	0.01	0	106%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10122	0.10096695		0.1	0	0	0.0056259	0.02	0	101%	80	120	0%	

Write Sequence

Insert Entries(Have the first cell for

Data File	Sample Name
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G:\org\GECD.i\G012822.b\G0128_002	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G012822.b\G0128_003	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G012822.b\G0128_004	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G012822.b\G0128_005	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G012822.b\G0128_006	Hexane ;
G:\org\GECD.i\G012822.b\G0128_007	CAL1-163331 ;
G:\org\GECD.i\G012822.b\G0128_008	CAL7-163331 ;
G:\org\GECD.i\G012822.b\G0128_009	CAL2-163331 ;
G:\org\GECD.i\G012822.b\G0128_010	CAL3-163331 ;
G:\org\GECD.i\G012822.b\G0128_011	CAL4-163331 ;
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G:\org\GECD.i\G012822.b\G0128_013	CAL6-163331 ;
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G:\org\GECD.i\G012822.b\G0128_015	LCS-163331 ;
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G:\org\GECD.i\G012822.b\G0128_018	LCS-163331 ;
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G:\org\GECD.i\G012822.b\G0128_020	Hexane ;
G:\org\GECD.i\G012822.b\G0128_021	B22011592-004A ;$PST-8011-W,
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G:\org\GECD.i\G012822.b\G0128_030	B22011592-001HMSD ;$PST-8011-W,
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G:\org\GECD.i\G012822.b\G0128_032	CAL5-163331 ;
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G:\org\GECD.i\G012822.b\G0128_034	B22011592-022H ;$PST-8011-W,
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Quantitative Analysis Results Summary Report

Agilent | Trusted Answers

Batch Path	\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\QuantResults\G012822_8011_W_CLT.batch.bin		
Analysis Time	1/31/2022 9:17 AM	**Analyst Name**	BL2000\ctran
Report Time	3/9/2022 2:26:02 PM	**Reporter Name**	BL2000\ctran
Last Calib Update	1/31/2022 8:18 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Sequence Table

Data File	sample Name	Sample Type	Vial Position	Inj Vol	Level	Acq Method File
G0128_007.0007.D	CAL1-163331	CC		0	1	testAcqFileNamePath
G0128_008.0008.D	CAL7-163331	CC		0	7	testAcqFileNamePath
G0128_009.0009.D	CAL2-163331	CC		0	2	testAcqFileNamePath
G0128_010.0010.D	CAL3-163331	CC		0	3	testAcqFileNamePath
G0128_011.0011.D	CAL4-163331	CC		0	4	testAcqFileNamePath
G0128_012.0012.D	CAL5-163331	CC		0	5	testAcqFileNamePath
G0128_013.0013.D	CAL6-163331	CC		0	6	testAcqFileNamePath
G0128_015.0015.D	LCS-163331	QC		0	LCS	testAcqFileNamePath
G0128_017.0017.D	MB-163331	MethodBlank		0		testAcqFileNamePath

Quantitation Results

Compound: 1,2-Dibromoethane

Data File	Sample Type	RT	Resp	Final Conc	Exp. Conc	Accuracy
G0128_007.0007.D	CC	2.295	1857	0.0102	0.0100	101.6
G0128_008.0008.D	CC	2.297	3160	0.0173	0.0200	86.5
G0128_009.0009.D	CC	2.296	8911	0.0490	0.0500	98.0
G0128_010.0010.D	CC	2.296	18863	0.1046	0.1000	104.6
G0128_011.0011.D	CC	2.293	34833	0.1958	0.2000	97.9
G0128_012.0012.D	CC	2.293	69249	0.4015	0.4000	100.4
G0128_013.0013.D	CC	2.293	156624	0.9999	1.0000	100.0
G0128_015.0015.D	QC	2.296	42622	0.2412	0.2500	96.5
G0128_017.0017.D	Blank	2.391	0	ND		

Compound: 1,1,1,2-Tetrachloroethane

Data File	Sample Type	RT	Resp	Final Conc	Exp. Conc	Accuracy
G0128_007.0007.D	CC	2.833	382	0.0121	0.0100	121.0
G0128_008.0008.D	CC	2.827	2637	0.0185	0.0200	92.6
G0128_009.0009.D	CC	2.823	11915	0.0448	0.0500	89.6
G0128_010.0010.D	CC	2.823	29505	0.0940	0.1000	94.0
G0128_011.0011.D	CC	2.821	67489	0.1978	0.2000	98.9
G0128_012.0012.D	CC	2.820	152046	0.4173	0.4000	104.3
G0128_013.0013.D	CC	2.820	401414	0.9951	1.0000	99.5
G0128_015.0015.D	QC	2.823	29525	0.0941	0.1000	94.1
G0128_017.0017.D	Blank	2.823	30542	0.0969		

Initial Calibration Report - WJB

Method Path	\\MASSHUNTER\Org\Data\GECD.I\GECD_methods
Method File	G012822_8011_W_CLT.m
Batch Name	\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\QuantResults\G012822_8011_W_CLT.batch.bin
Last Calib Update	1/31/2022 8:18:22 AM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_007.0007.D	1/28/2022 12:03:30 PM	1/31/2022 8:18:22 AM
7	\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_008.0008.D	1/28/2022 12:23:16 PM	1/31/2022 8:18:22 AM
2	\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_009.0009.D	1/28/2022 12:43:07 PM	1/31/2022 8:18:22 AM
3	\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_010.0010.D	1/28/2022 1:02:53 PM	1/31/2022 8:18:22 AM
4	\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_011.0011.D	1/28/2022 1:22:40 PM	1/31/2022 8:18:22 AM
5	\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_012.0012.D	1/28/2022 1:42:28 PM	1/31/2022 8:18:22 AM
6	\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_013.0013.D	1/28/2022 2:02:16 PM	1/31/2022 8:18:22 AM

Compound	Curve Fit	1	7	2	3	4	5	6	Avg RF	%RSD
M 1,2-Dibromoethane	Quadratic	185730	158016	178216	188626	174163	173122	156624	173499	7.159
S 1,1,1,2-Tetrachloroethane	Quadratic	38190	131857	238292	295049	337446	380115	401414	260338	51.473

(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 = -26427.210620 * x ^ 2 + 183069.418031 * x	0.999918
S 1,1,1,2-Tetrachloroethane	Quadratic	y = 58342.331255 * x ^ 2 + 349199.285294 * x - 3850.822612	0.998693

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

Calibration Report

Batch Path	\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\QuantResults\G012822_8011_W_CLT.batch.bin		
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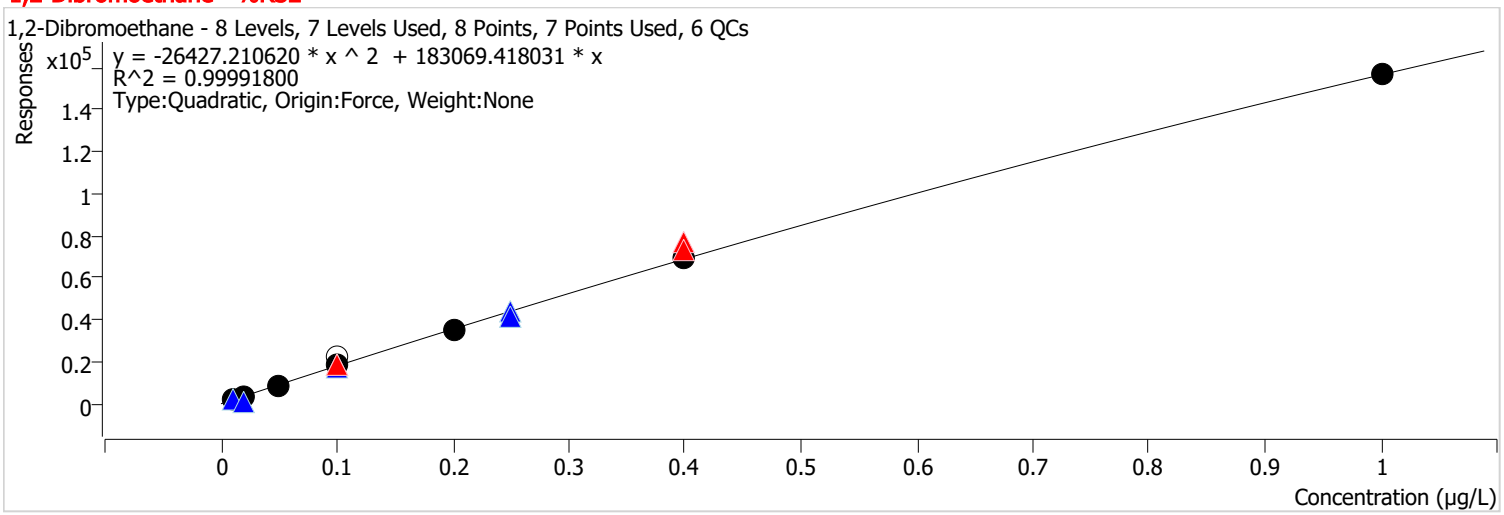
Report Time	3/9/2022 2:30:01 PM	**Reporter Name**	BL2000\ctran
Last Calib Update	1/31/2022 8:18 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dibromoethane %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\Org\Data\GECD.I\G091321\aiaexport\G0913_018.0018.D	QC	7	x	1335	0.0200	66739.7425	
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_008.0008.D	Calibration	7	x	3160	0.0200	158015.5566	
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_009.0009.D	Calibration	2	x	8911	0.0500	178215.8733	
\\MASSHUNTER\Org\Data\GECD.I\G111820\aiaexport\G1118_016.0016.D	Calibration	CC3		22970	0.1000		
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D:\Org\Data\GECD.I\G122121\aiaexport\G1221_061.0061.D	CC	CC3		19101	0.1000	191007.5606	
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\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_011.0011.D	Calibration	4	x	34833	0.2000	174162.5140	
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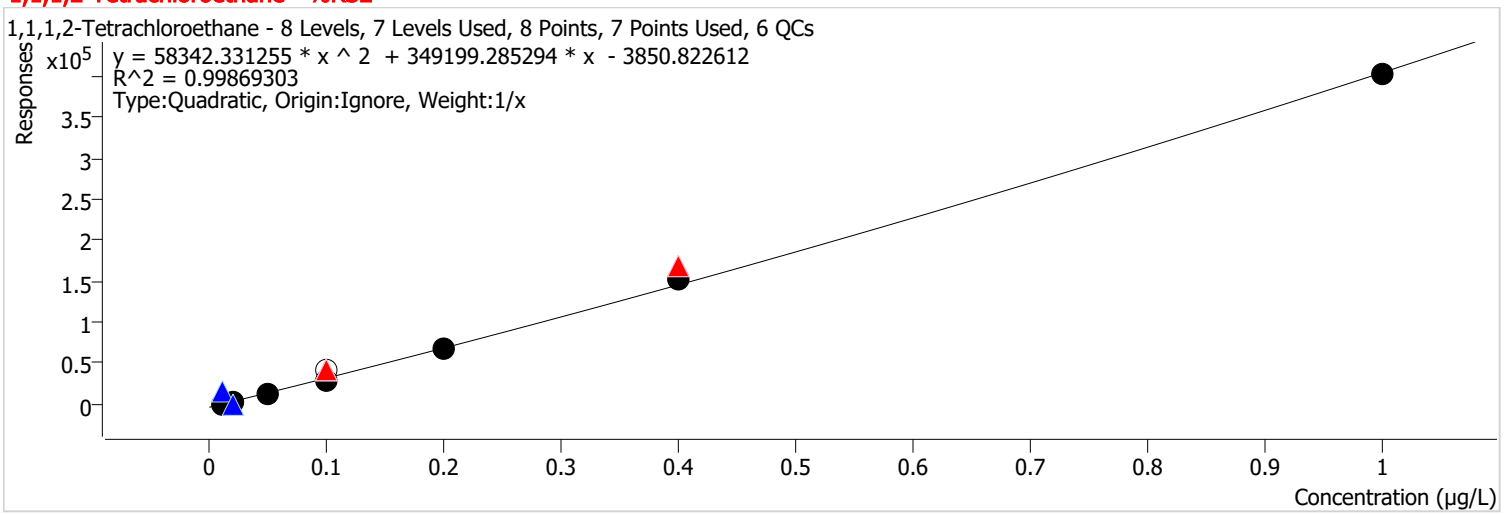
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_012.0012.D	Calibration	5	x	69249	0.4000	173121.5060	
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_013.0013.D	Calibration	6	x	156624	1.0000	156623.7443	

Calibration Report

Batch Path	\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\QuantResults\G012822_8011_W_CLT.batch.bin		
Analysis Time	1/31/2022 9:17 AM	**Analyst Name**	BL2000\ctran
Report Time	3/9/2022 2:30:06 PM	**Reporter Name**	BL2000\ctran
Last Calib Update	1/31/2022 8:18 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

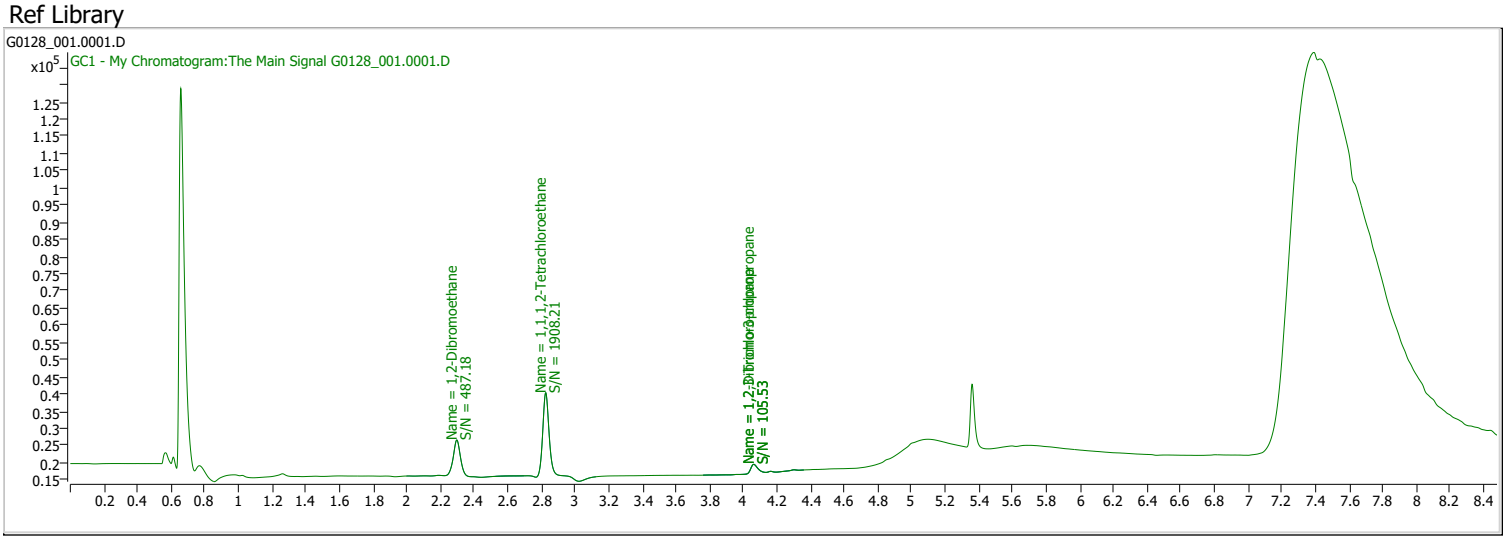
1,1,1,2-Tetrachloroethane %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\GECD.I\G092121\aiaexport\G0921_026.0026.D	QC	1	x	15026	0.0100	1502610.5883	
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_007.0007.D	Calibration	1	x	382	0.0100	38190.2740	
D:\Org\Data\GECD.I\G091321\aiaexport\G0913_018.0018.D	QC	7	x	686	0.0200	34275.7771	
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_008.0008.D	Calibration	7	x	2637	0.0200	131857.2243	
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_009.0009.D	Calibration	2	x	11915	0.0500	238291.7457	
\\MASSHUNTER\Org\Data\GECD.I\G111820\aiaexport\G1118_016.0016.D	Calibration	CC3		41065	0.1000		
D:\Org\Data\GECD.I\G081021\aiaexport\G0810_016.0016.D	QC	CC3		42481	0.1000	424813.5788	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_061.0061.D	CC	CC3		29228	0.1000	292276.2189	
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_041.0041.D	CC	3	x	42038	0.1000	420377.2779	
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_019.0019.D	QC	LCS1	x	40601	0.1000	406011.5231	
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_018.0018.D	QC	LCS	x	40110	0.1000	401095.2465	1.461595
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_016.0016.D	CC	3	x	40413	0.1000	404127.8236	
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_015.0015.D	QC	LCS	x	40947	0.1000	409472.4927	1.461595
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_010.0010.D	Calibration	3	x	29505	0.1000	295049.4849	
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_011.0011.D	Calibration	4	x	67489	0.2000	337445.9752	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_074.0074.D	CC	CC5	x	169695	0.4000	424236.9956	
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_032.0032.D	CC	5	x	167965	0.4000	419912.6728	
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_012.0012.D	Calibration	5	x	152046	0.4000	380115.2347	
\\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_013.0013.D	Calibration	6	x	401414	1.0000	401414.3454	

Quantitation Results Report (QT Reviewed)

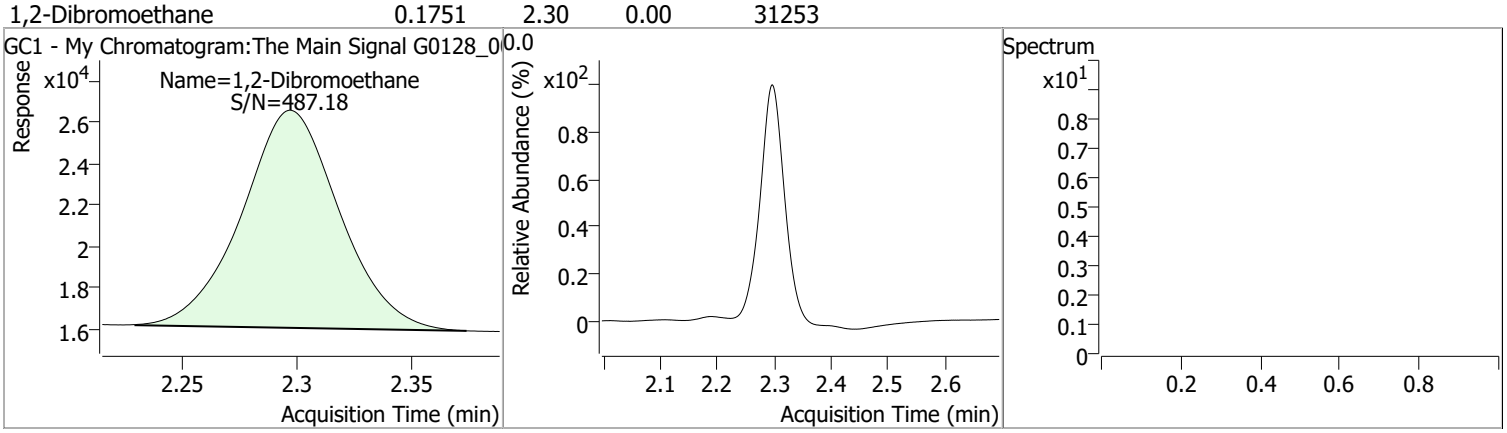
Data File	G0128_001.0001.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 10:05:09 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



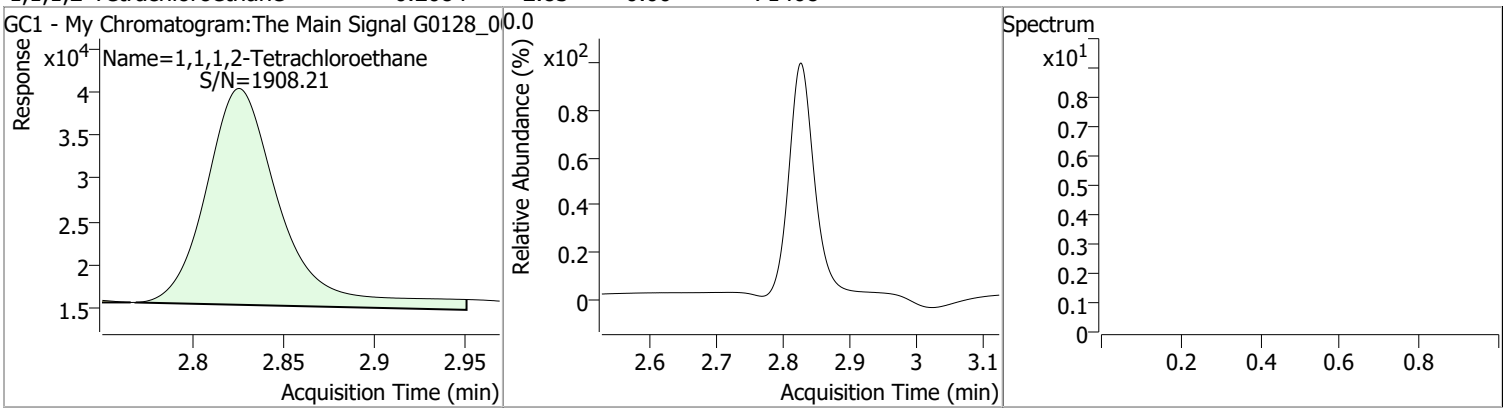
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.826	0.0	71468	0.2084	µg/L		0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 208.43%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.297	0.0	31253	0.1751	µg/L		100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1751	2.30	0.00	31253				

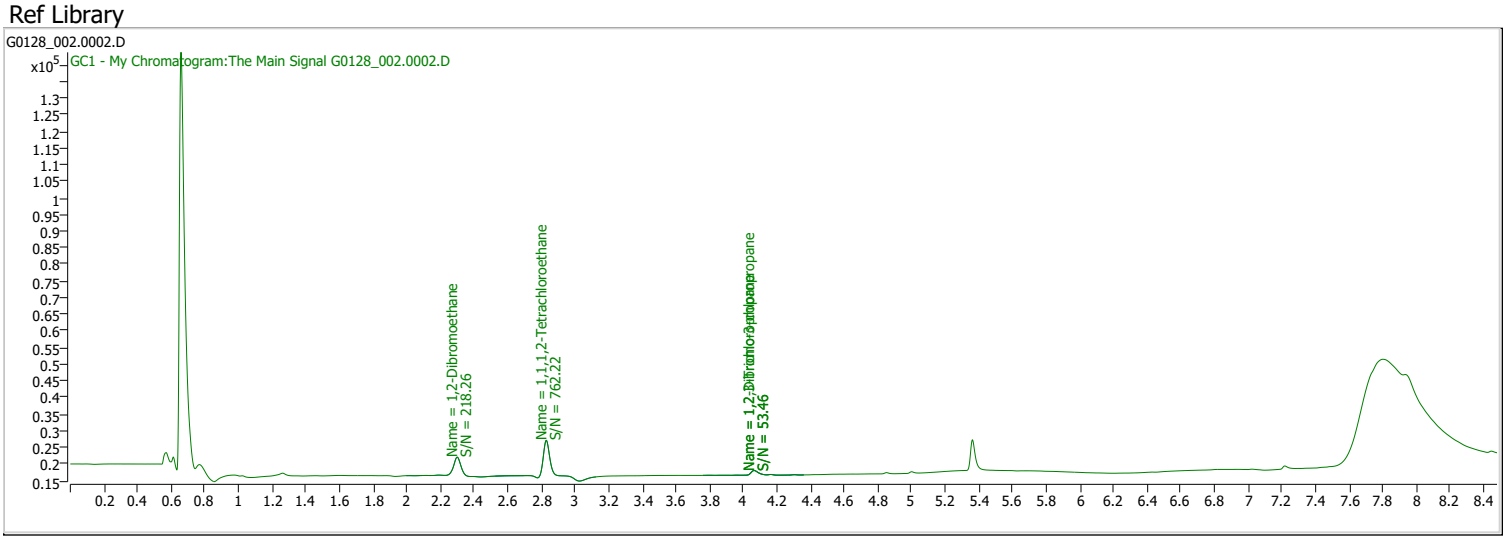


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.2084	2.83	0.00	71468				



Quantitation Results Report (QT Reviewed)

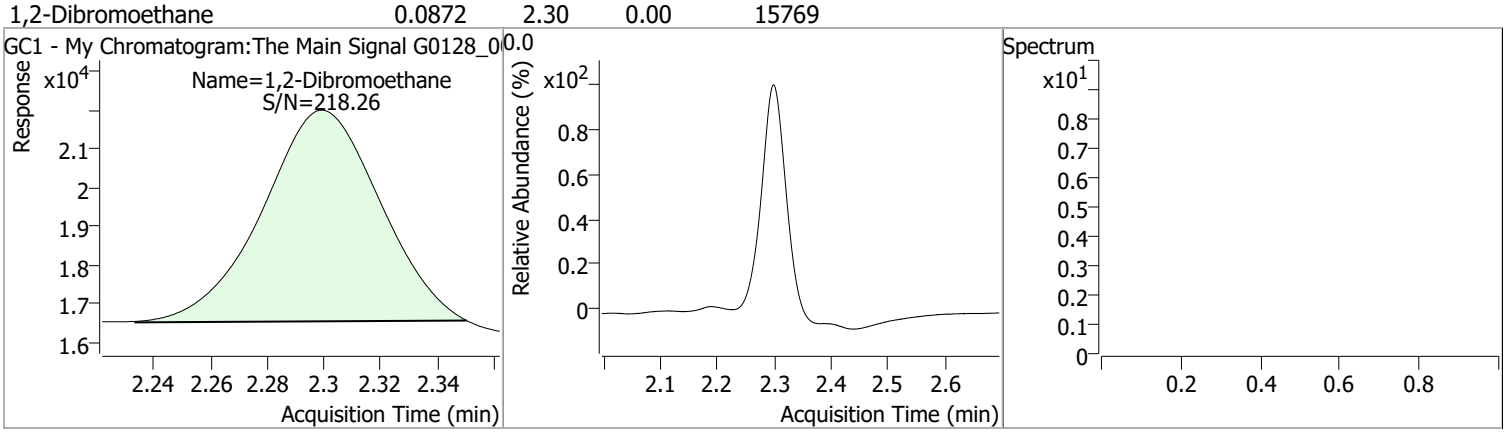
Data File	G0128_002.0002.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 10:24:35 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



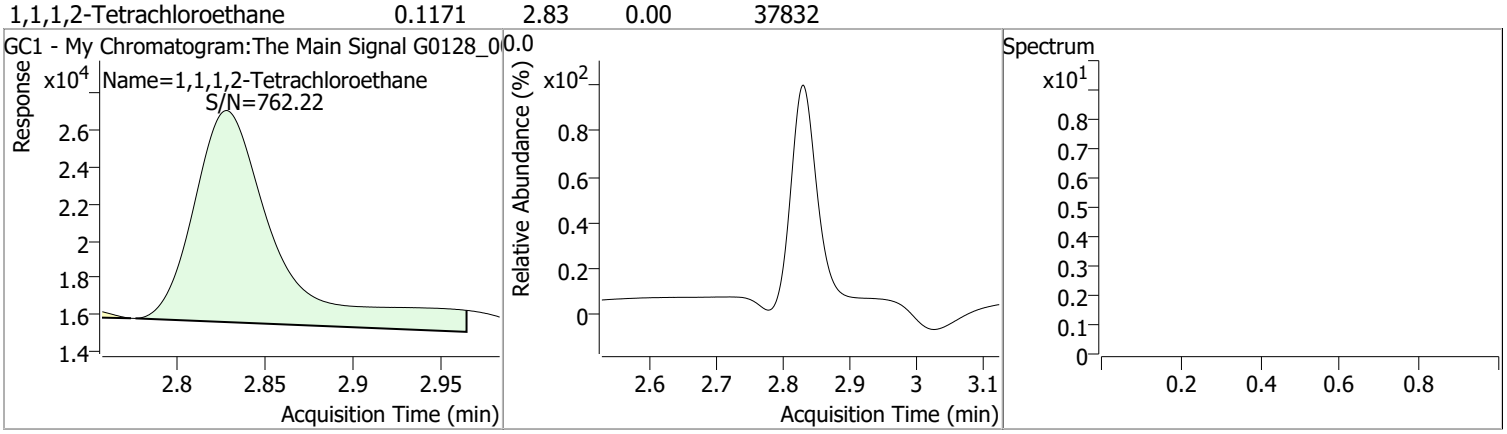
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.829	0.0	37832	0.1171	µg/L	0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 117.08%		
Target Compounds						QValue
M 1,2-Dibromoethane	2.299	0.0	15769	0.0872	µg/L	100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0872	2.30	0.00	15769				

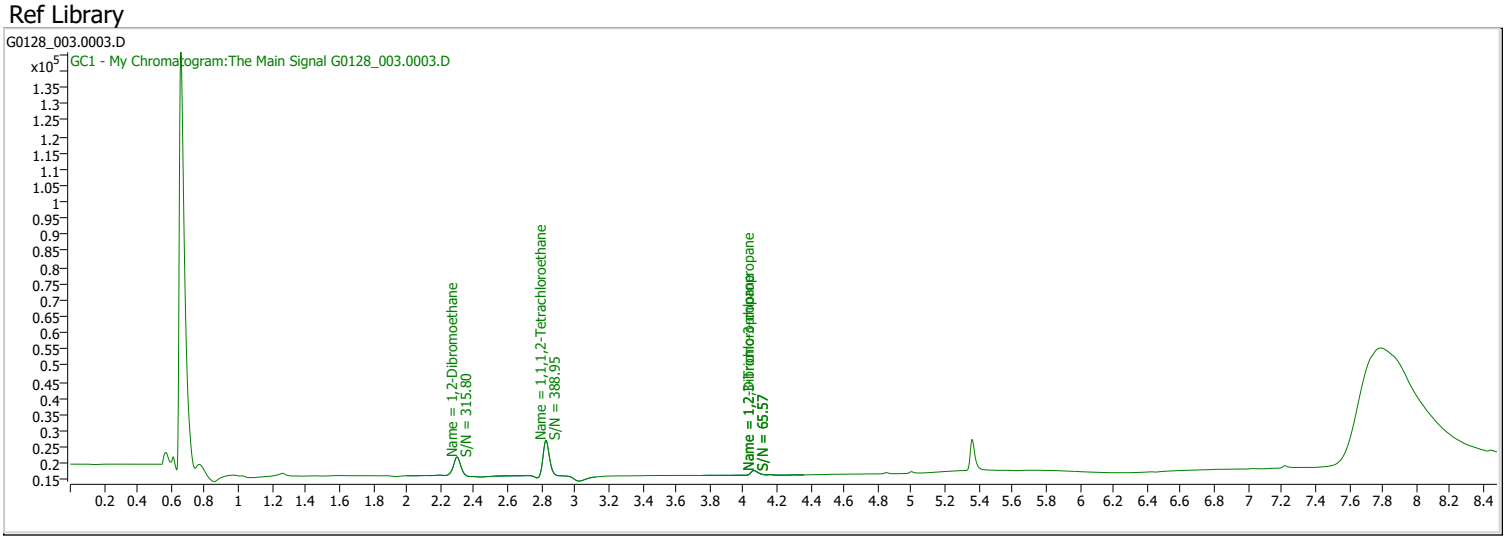


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1171	2.83	0.00	37832				



Quantitation Results Report (QT Reviewed)

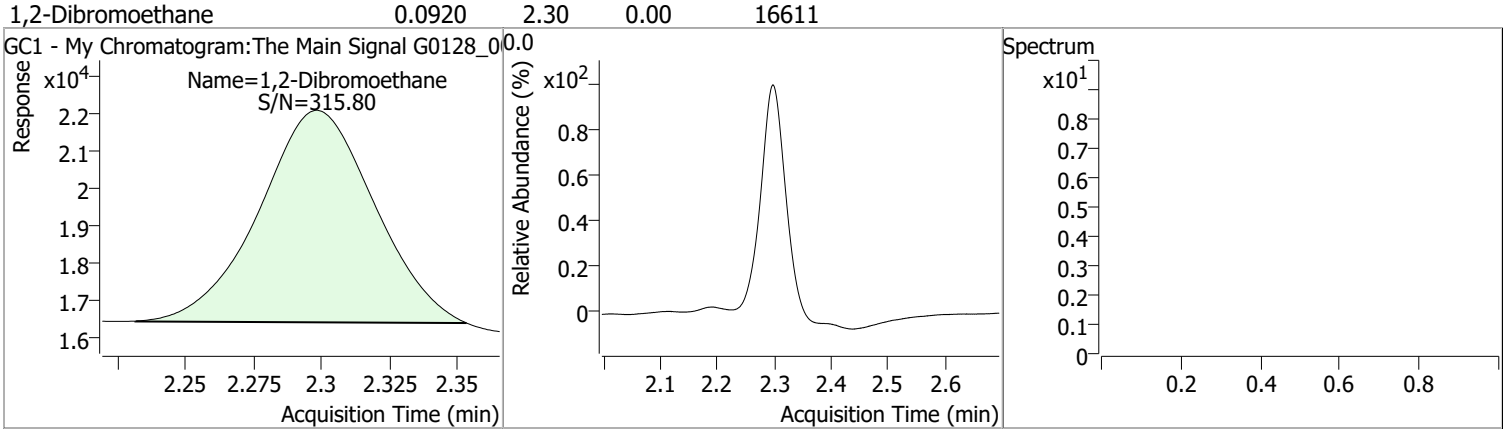
Data File	G0128_003.0003.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 10:44:17 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



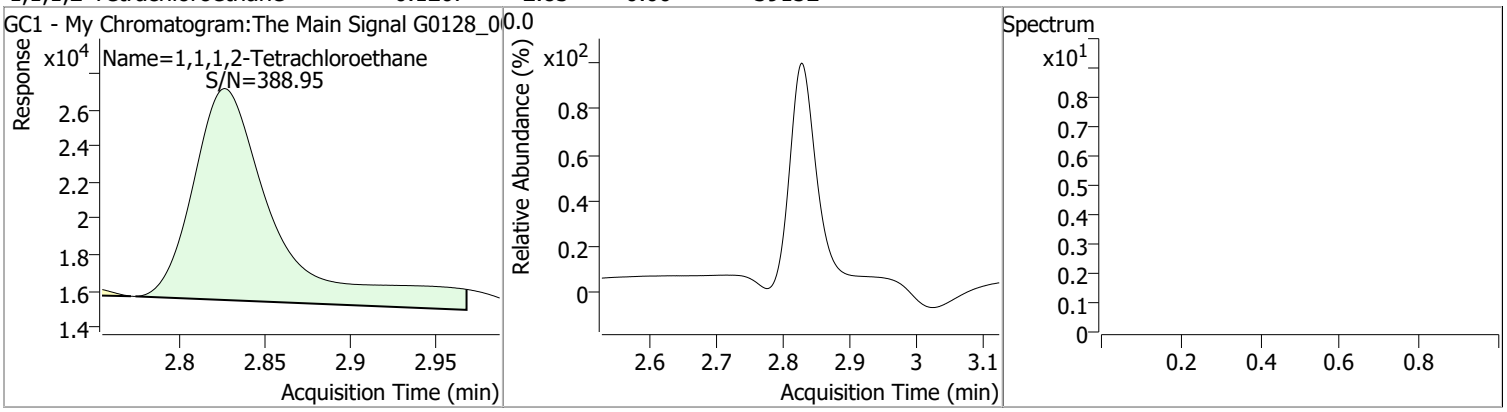
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.827	0.0	39152	0.1207	µg/L	0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 120.71%		
Target Compounds						QValue
M 1,2-Dibromoethane	2.298	0.0	16611	0.0920	µg/L	100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0920	2.30	0.00	16611				

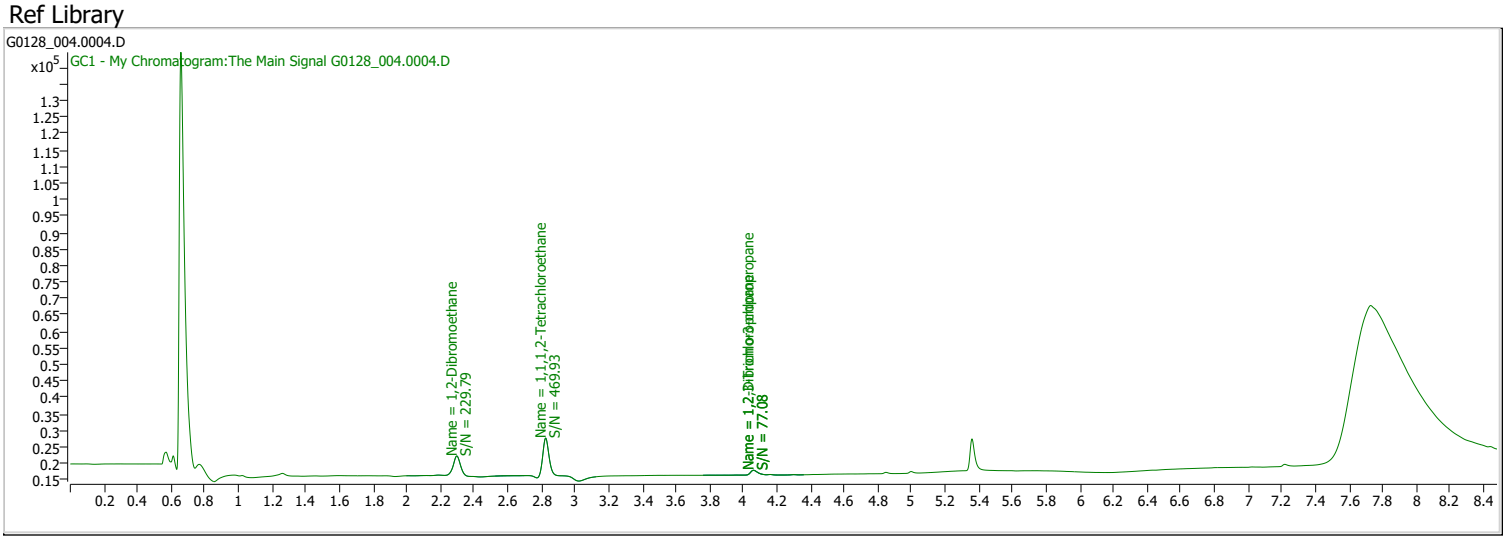


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1207	2.83	0.00	39152				



Quantitation Results Report (QT Reviewed)

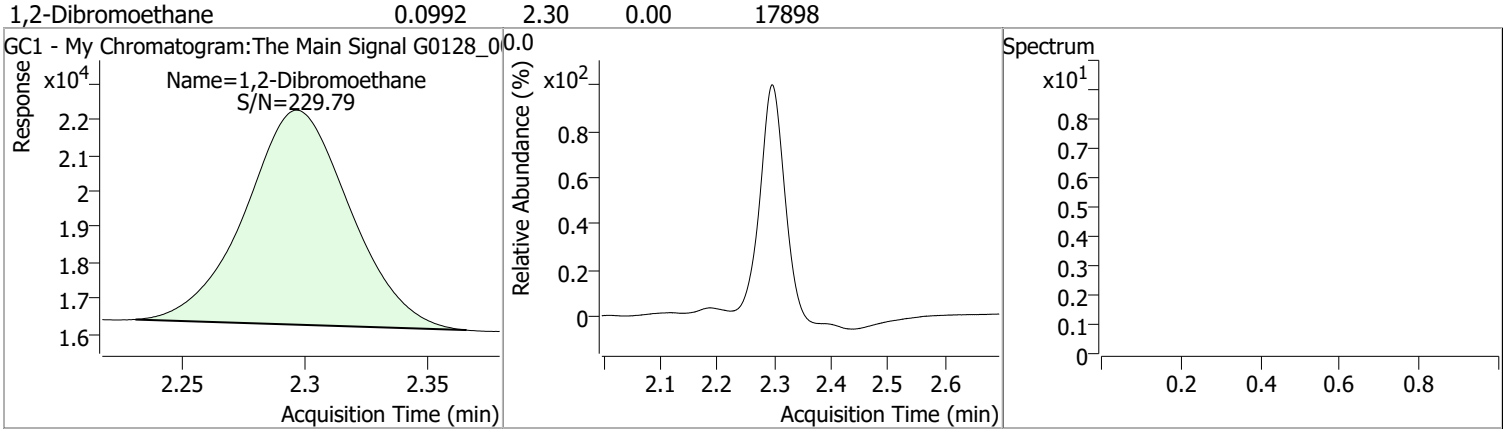
Data File	G0128_004.0004.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 11:03:59 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



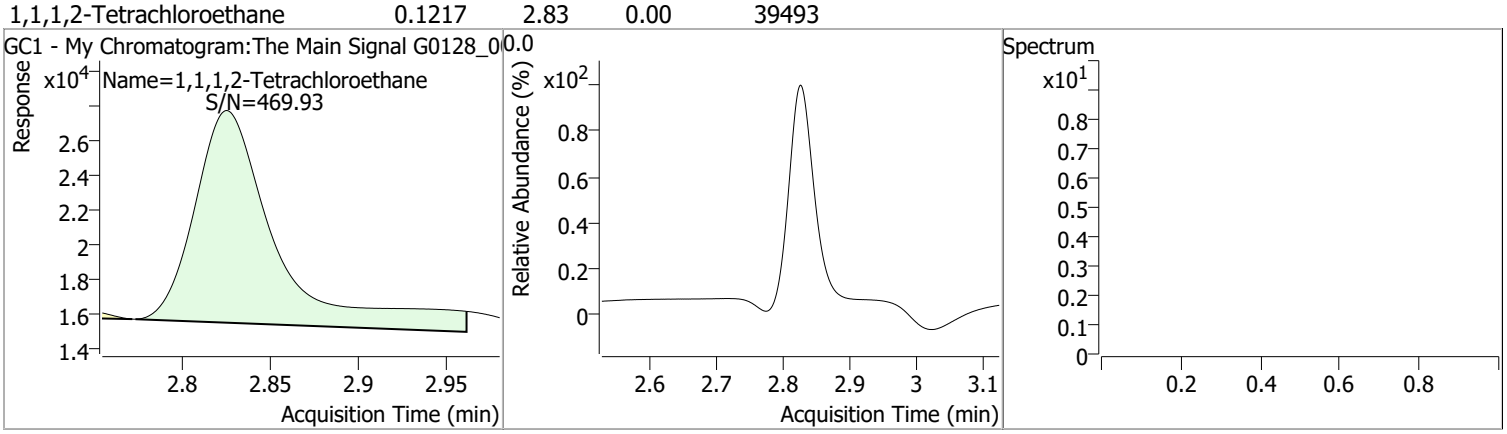
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
System Monitoring Compounds						
S 1,1,1,2-Tetrachloroethane	2.825	0.0	39493	0.1217	µg/L	0.000
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 121.65%		
Target Compounds						QValue
M 1,2-Dibromoethane	2.297	0.0	17898	0.0992	µg/L	100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0992	2.30	0.00	17898				

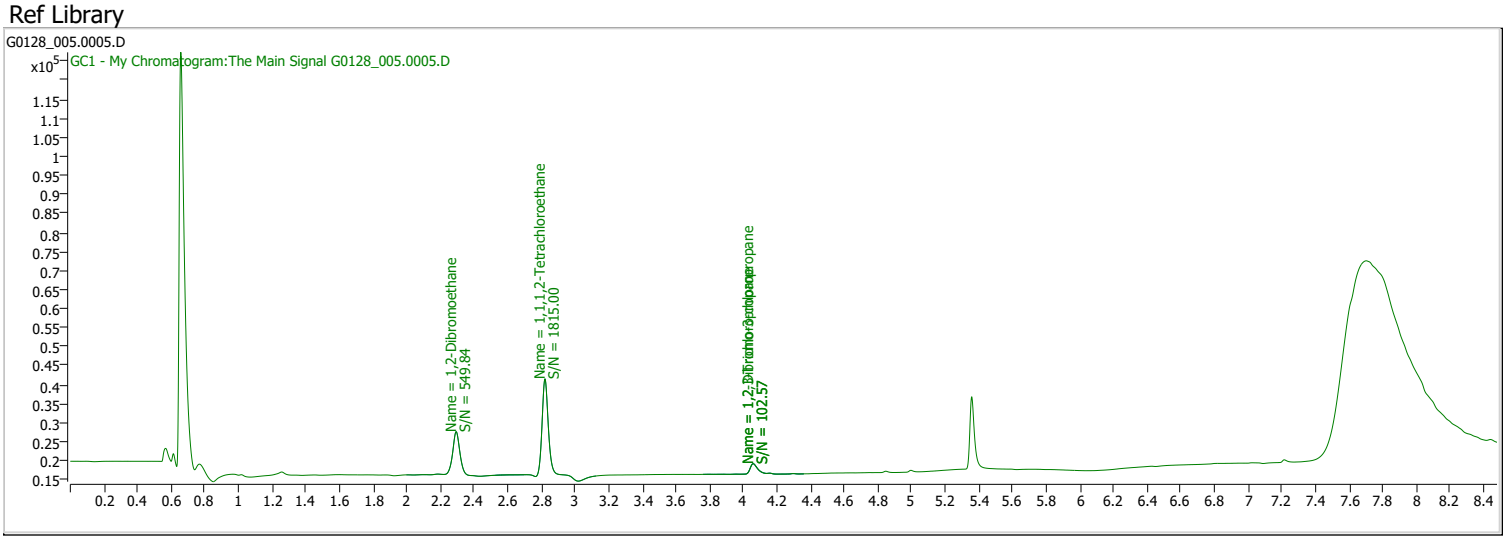


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1217	2.83	0.00	39493				



Quantitation Results Report (QT Reviewed)

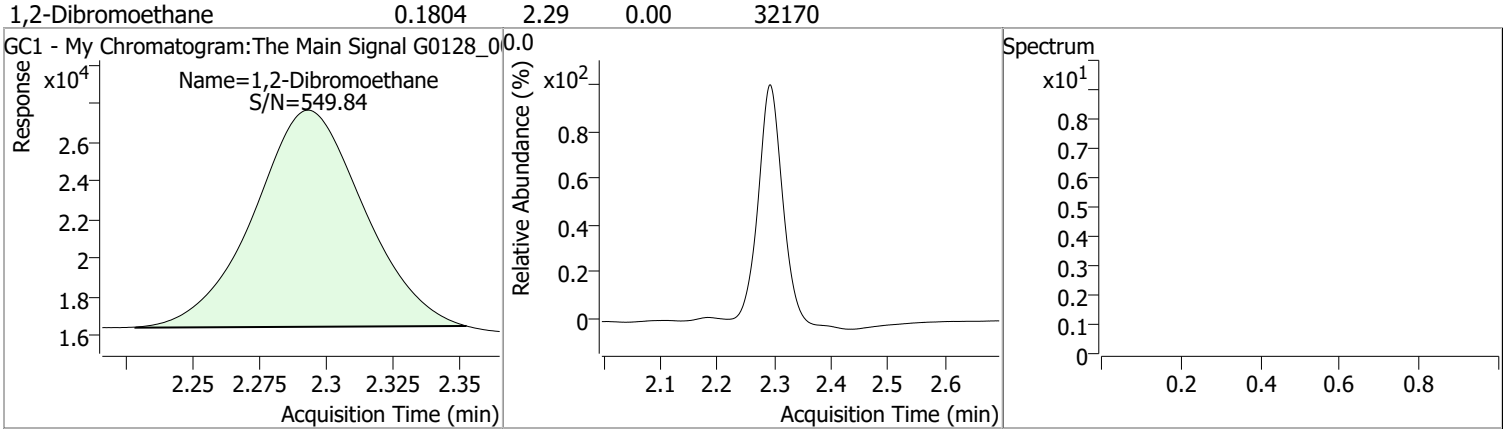
Data File	G0128_005.0005.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 11:23:48 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



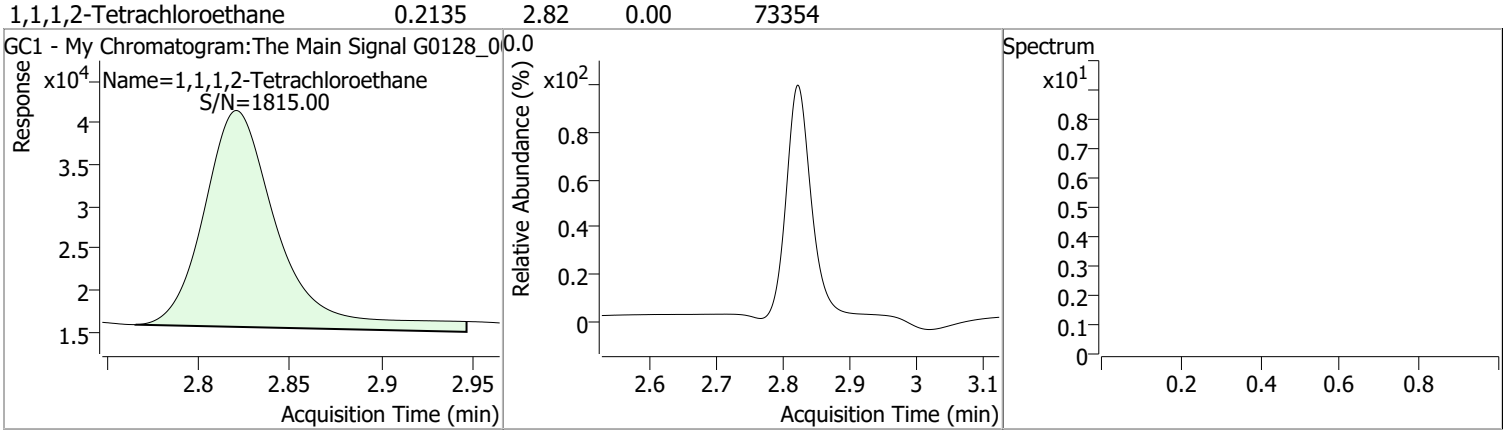
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.821	0.0	73354	0.2135	µg/L		-0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 213.48%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.293	0.0	32170	0.1804	µg/L		100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1804	2.29	0.00	32170				

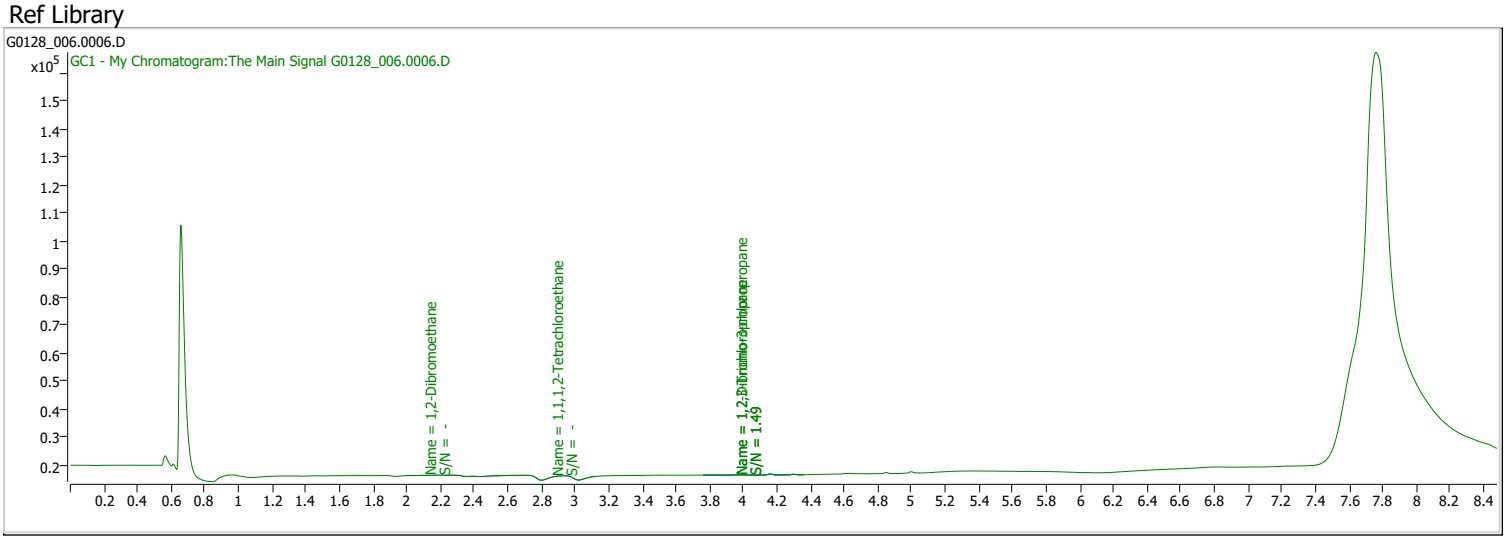


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.2135	2.82	0.00	73354				



Quantitation Results Report (QT Reviewed)

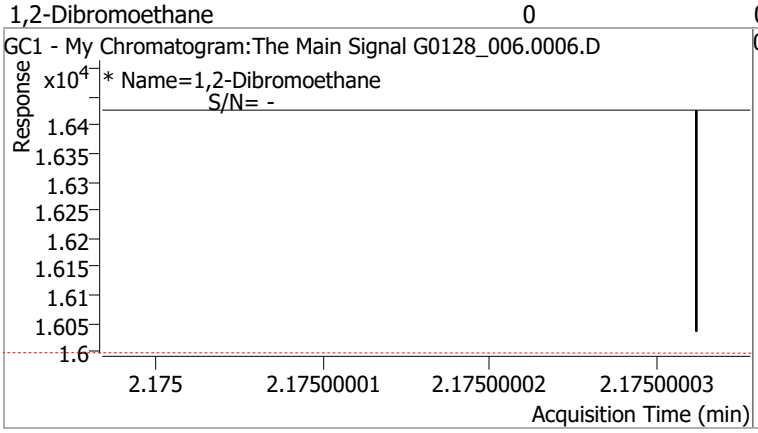
Data File	G0128_006.0006.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 11:43:42 AM
Sample Name	Hexane	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

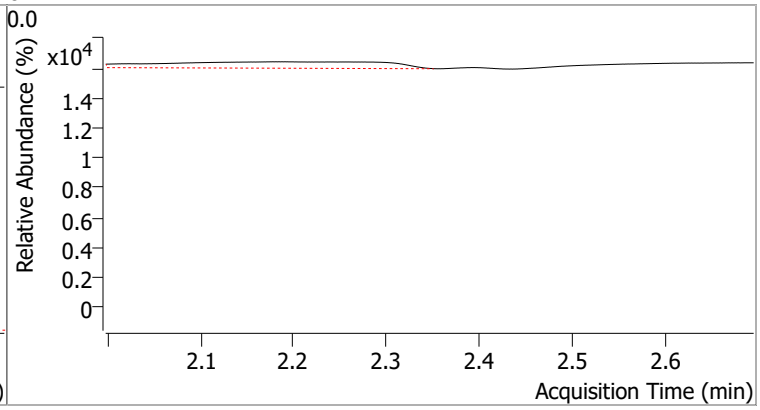


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.929	0.0	0		µg/L	md	0.104
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.175	0.0	0		µg/L	md	1

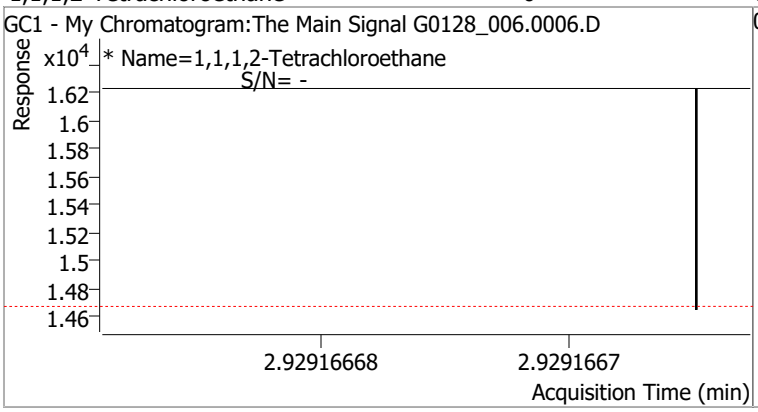
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

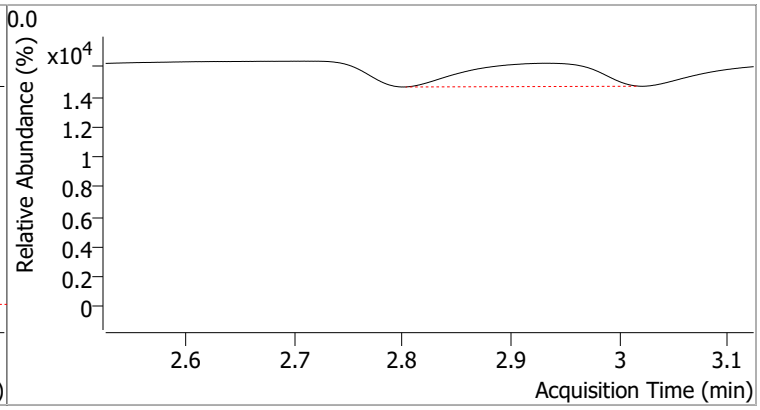
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





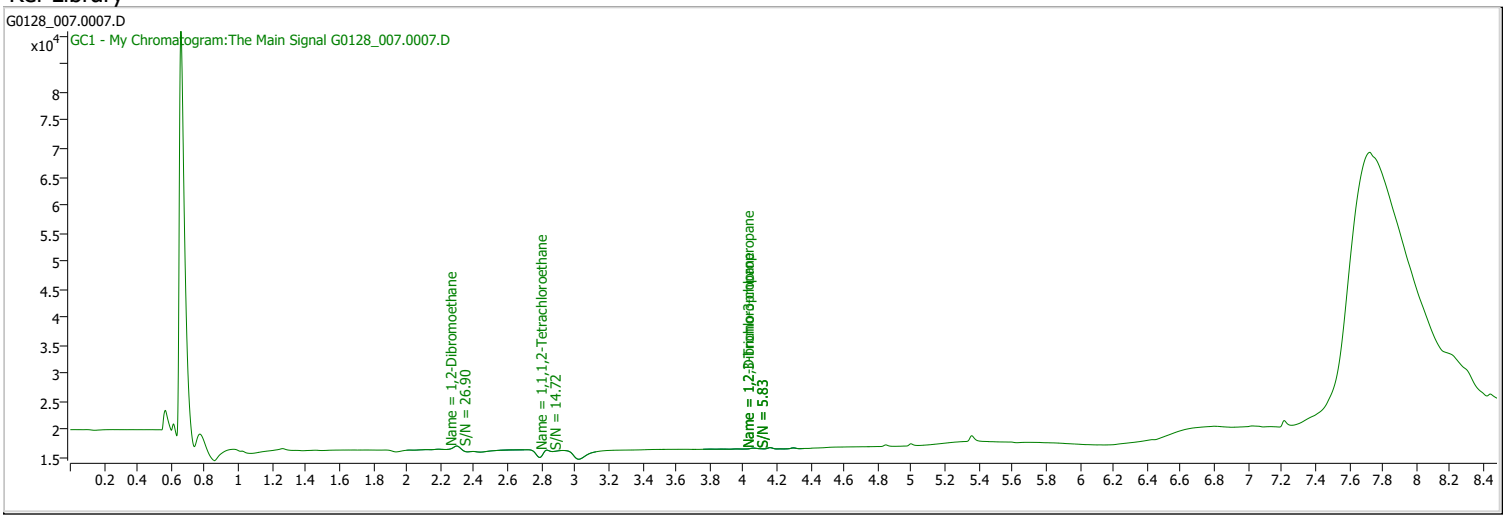
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

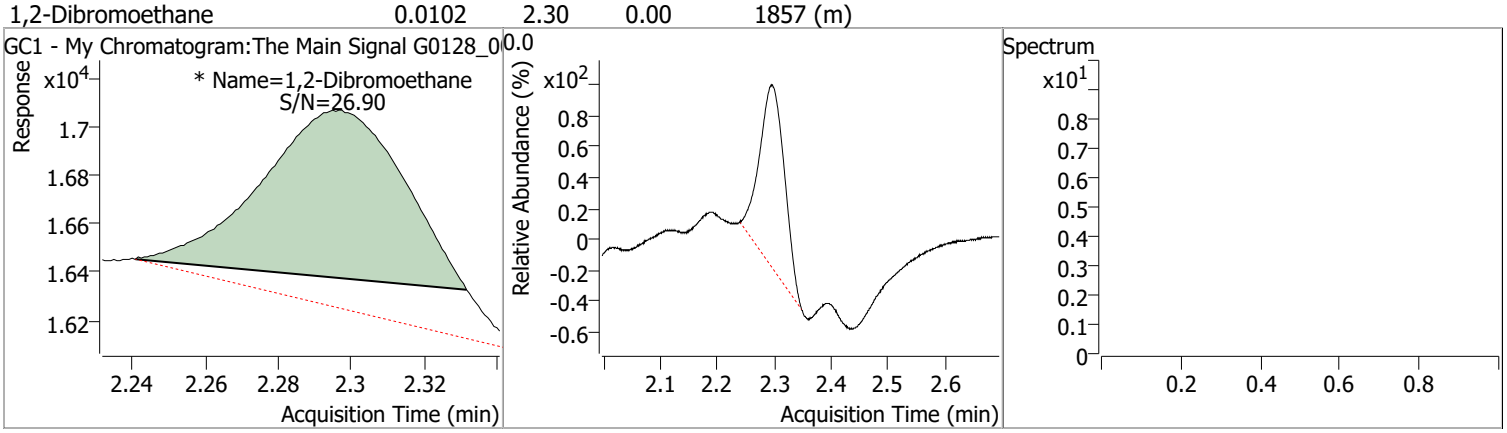
Data File	G0128_007.0007.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 12:03:30 PM
Sample Name	CAL1-163331	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



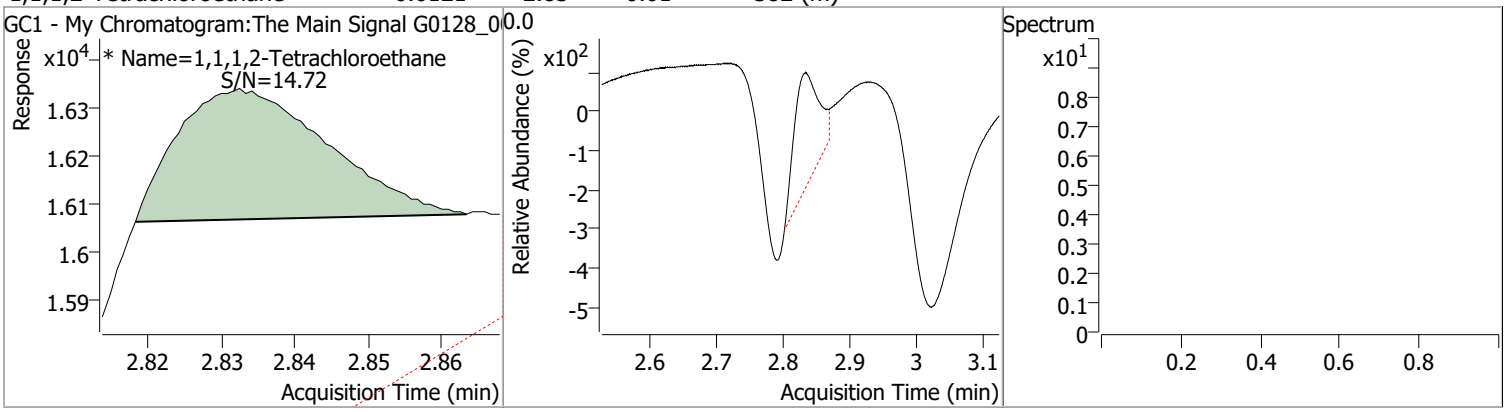
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.833	0.0	382	0.0121	µg/L	m	0.007
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 12.10%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.295	0.0	1857	0.0102	µg/L	m	100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0102	2.30	0.00	1857 (m)				

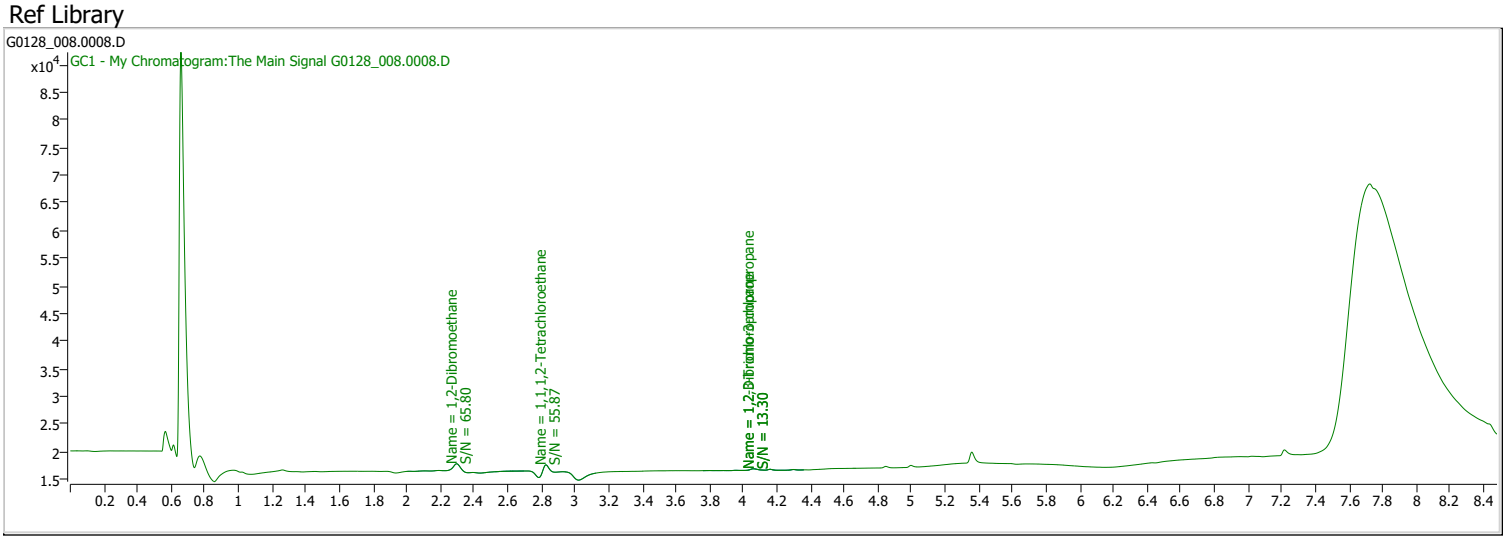


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0121	2.83	0.01	382 (m)				



Quantitation Results Report (QT Reviewed)

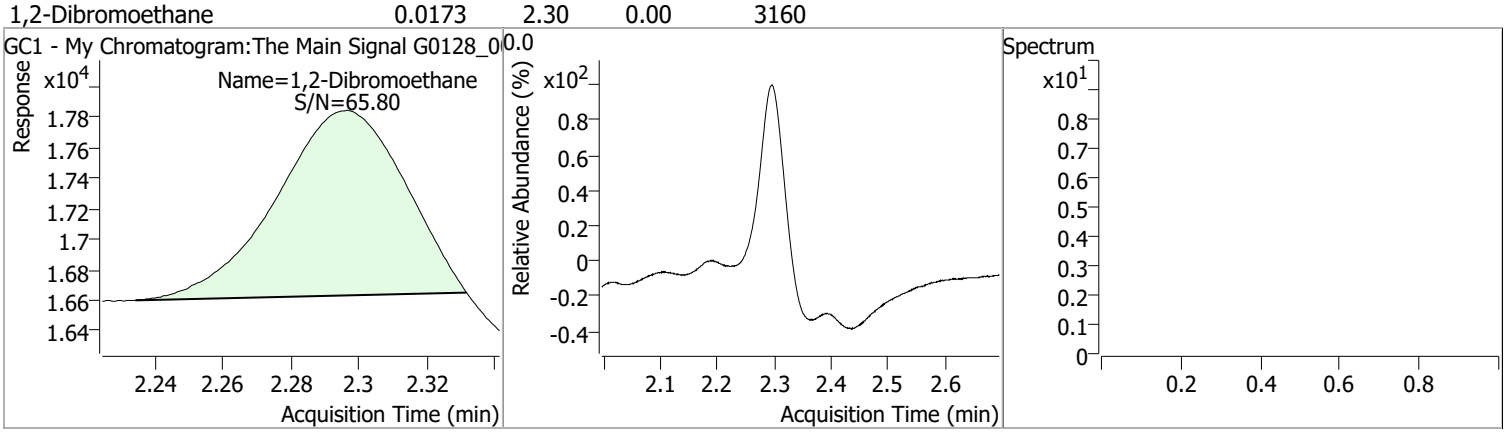
Data File	G0128_008.0008.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 12:23:16 PM
Sample Name	CAL7-163331	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



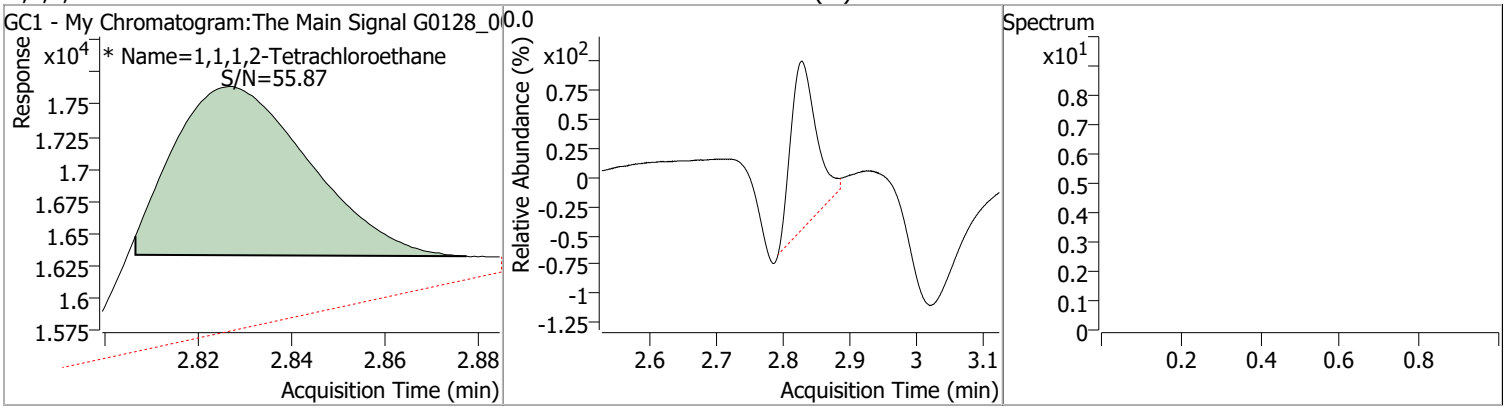
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.827	0.0	2637	0.0185	µg/L	m	0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 18.52%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.297	0.0	3160	0.0173	µg/L		100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0173	2.30	0.00	3160				

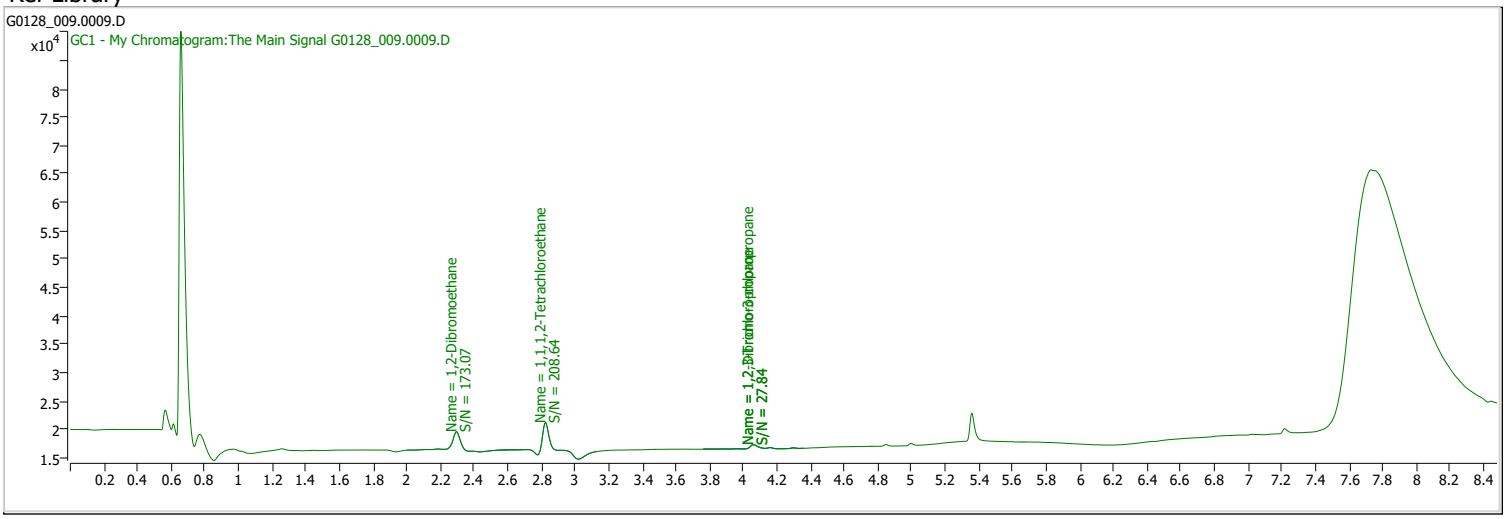


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0185	2.83	0.00	2637 (m)				



Quantitation Results Report (QT Reviewed)

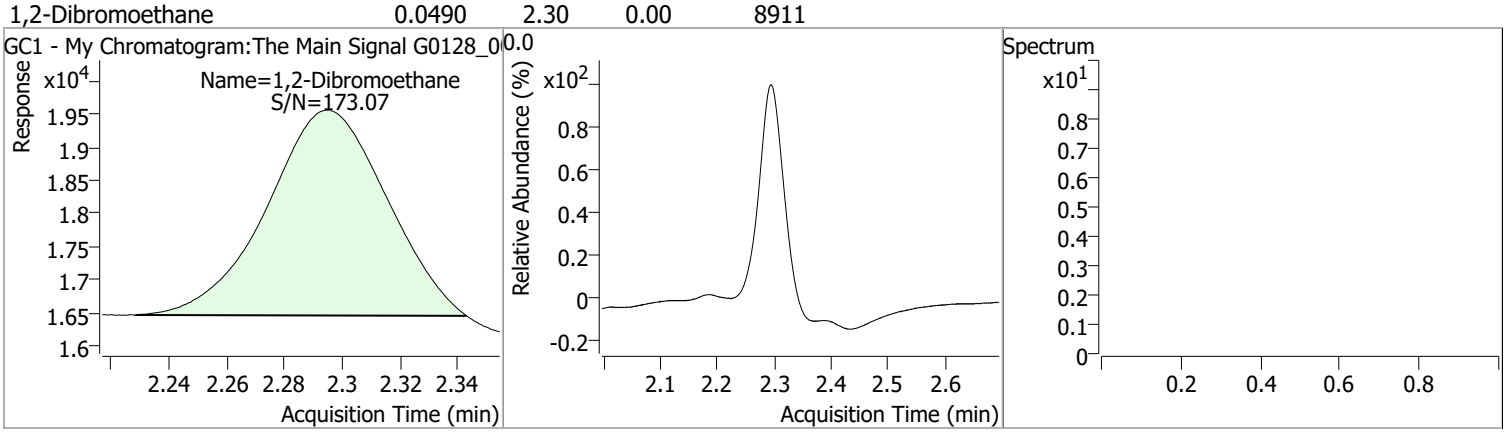
Data File	G0128_009.0009.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 12:43:07 PM
Sample Name	CAL2-163331	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



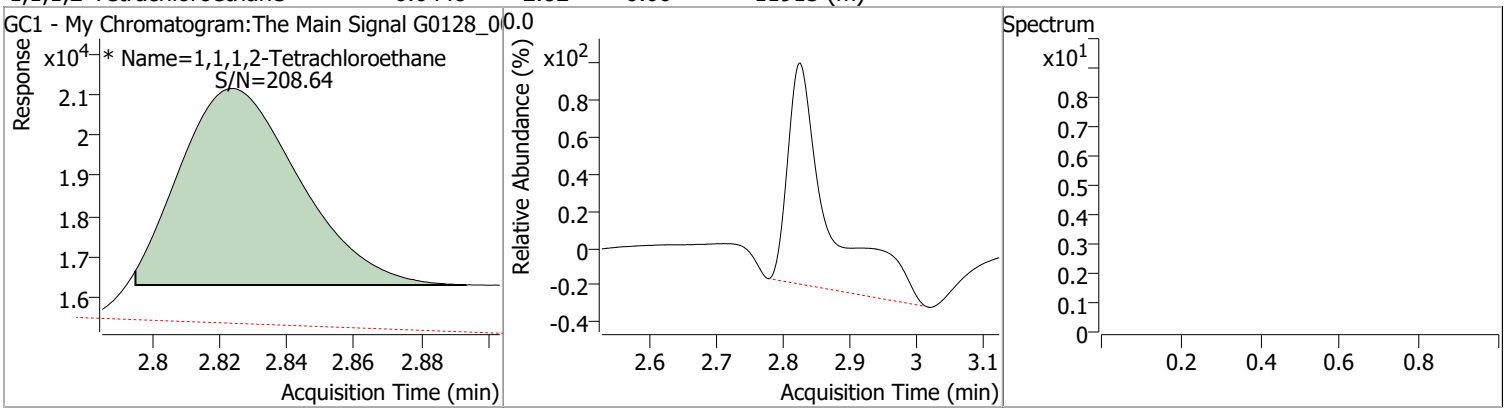
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.823	0.0	11915	0.0448	µg/L	m	-0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 44.81%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.296	0.0	8911	0.0490	µg/L		100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0490	2.30	0.00	8911				

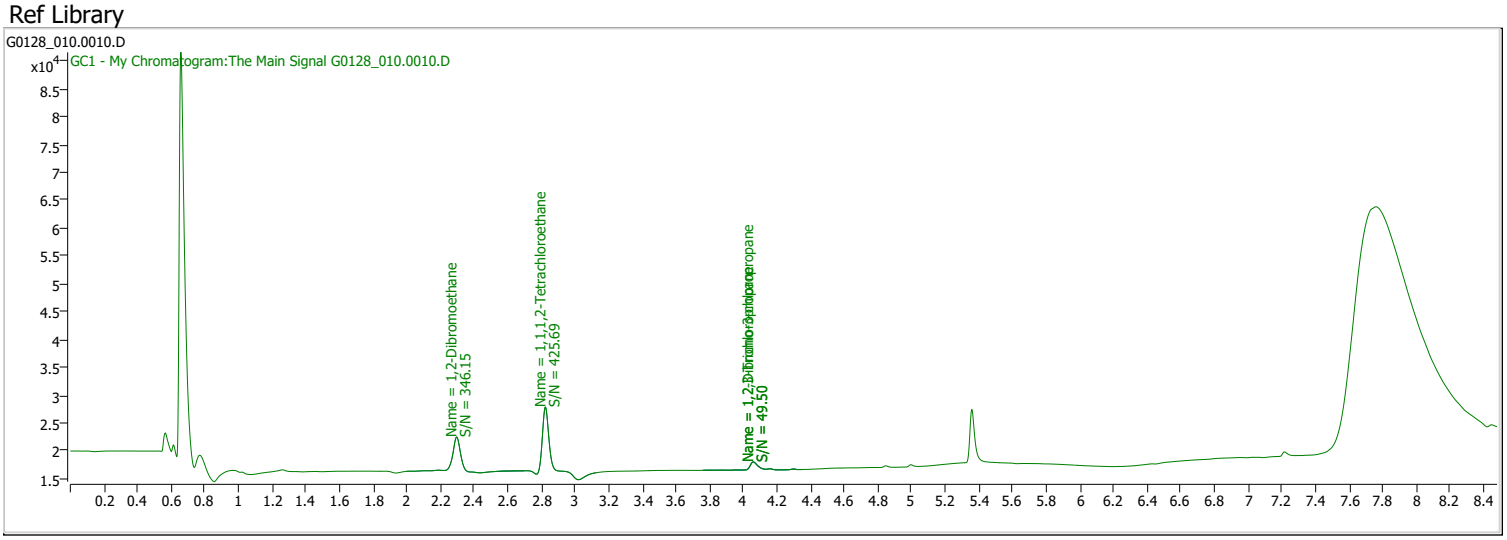


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0448	2.82	0.00	11915 (m)				



Quantitation Results Report (QT Reviewed)

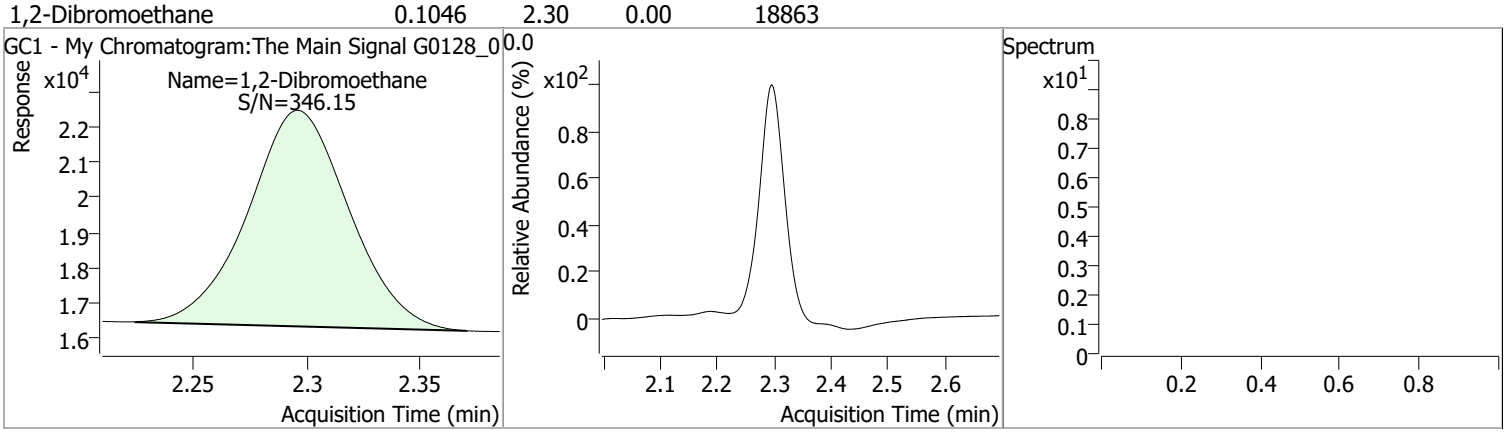
Data File	G0128_010.0010.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 1:02:53 PM
Sample Name	CAL3-163331	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



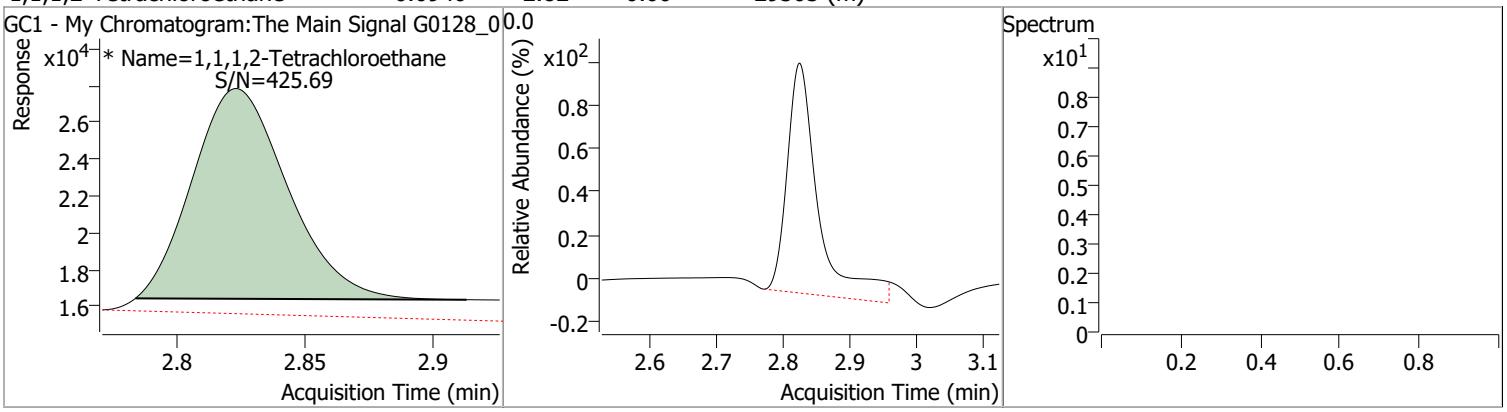
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.823	0.0	29505	0.0940	µg/L	m	-0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 94.04%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.296	0.0	18863	0.1046	µg/L		100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1046	2.30	0.00	18863				

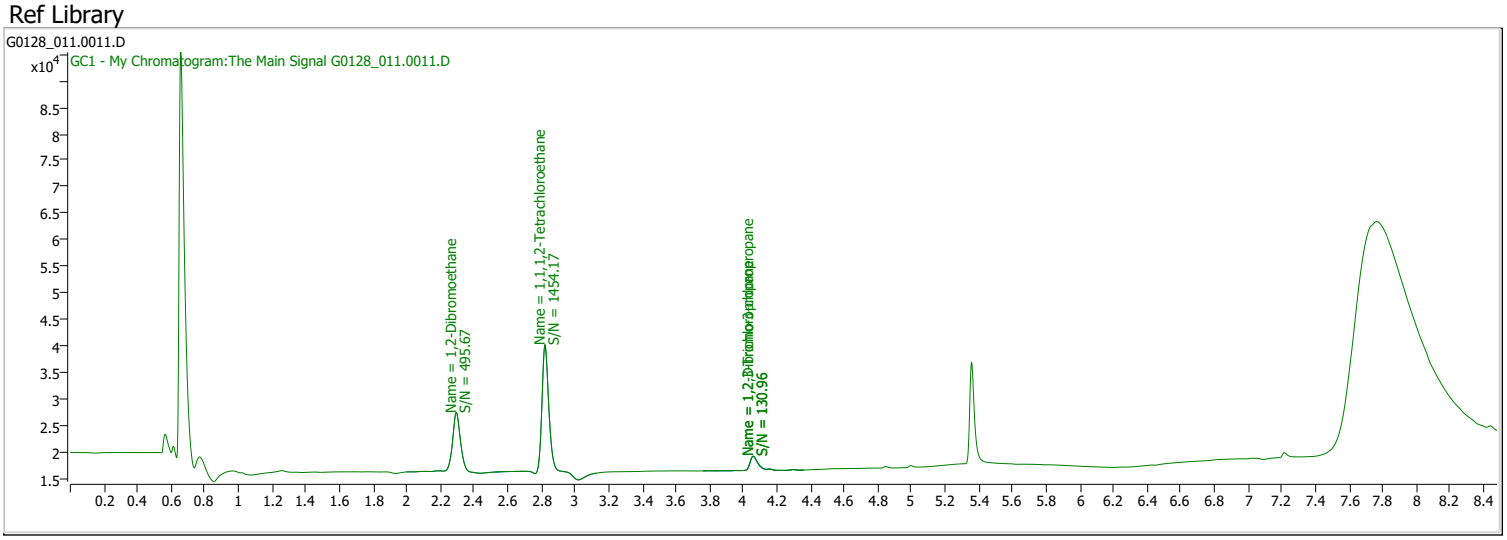


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0940	2.82	0.00	29505 (m)				



Quantitation Results Report (QT Reviewed)

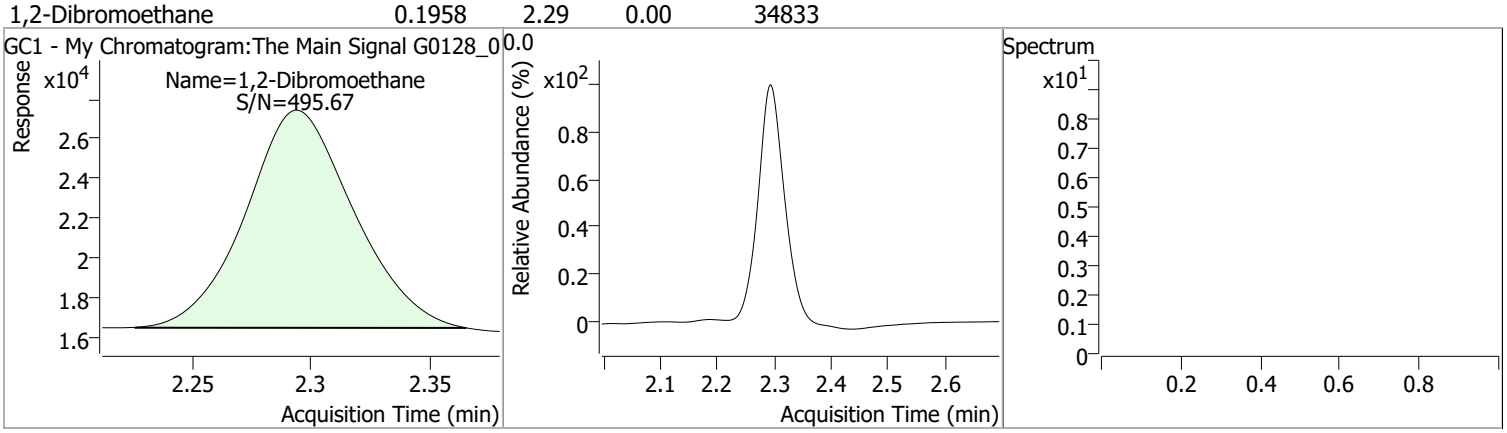
Data File	G0128_011.0011.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 1:22:40 PM
Sample Name	CAL4-163331	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



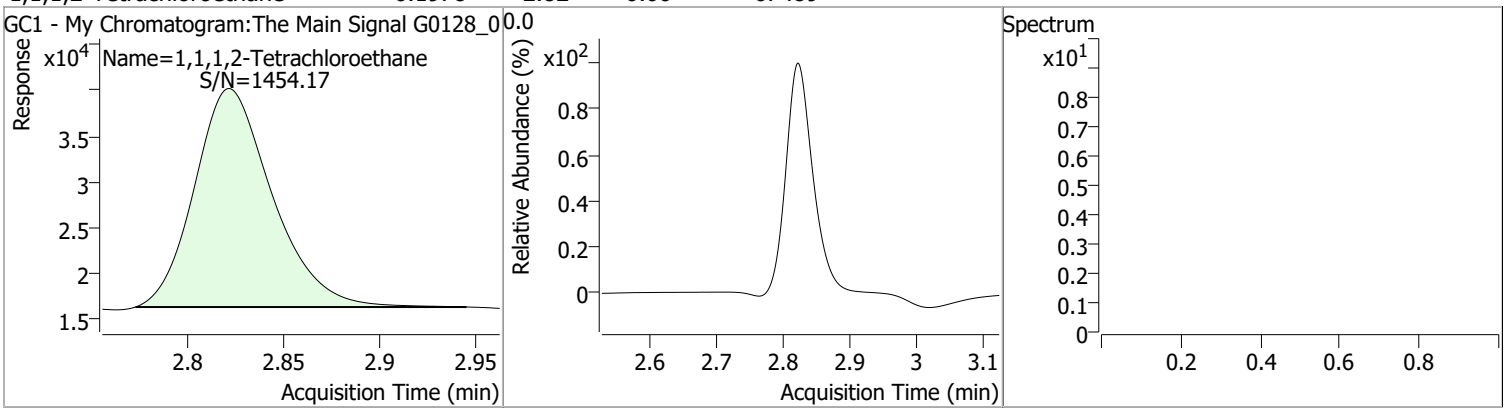
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.821	0.0	67489	0.1978	µg/L		-0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 197.76%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.293	0.0	34833	0.1958	µg/L		100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1958	2.29	0.00	34833				

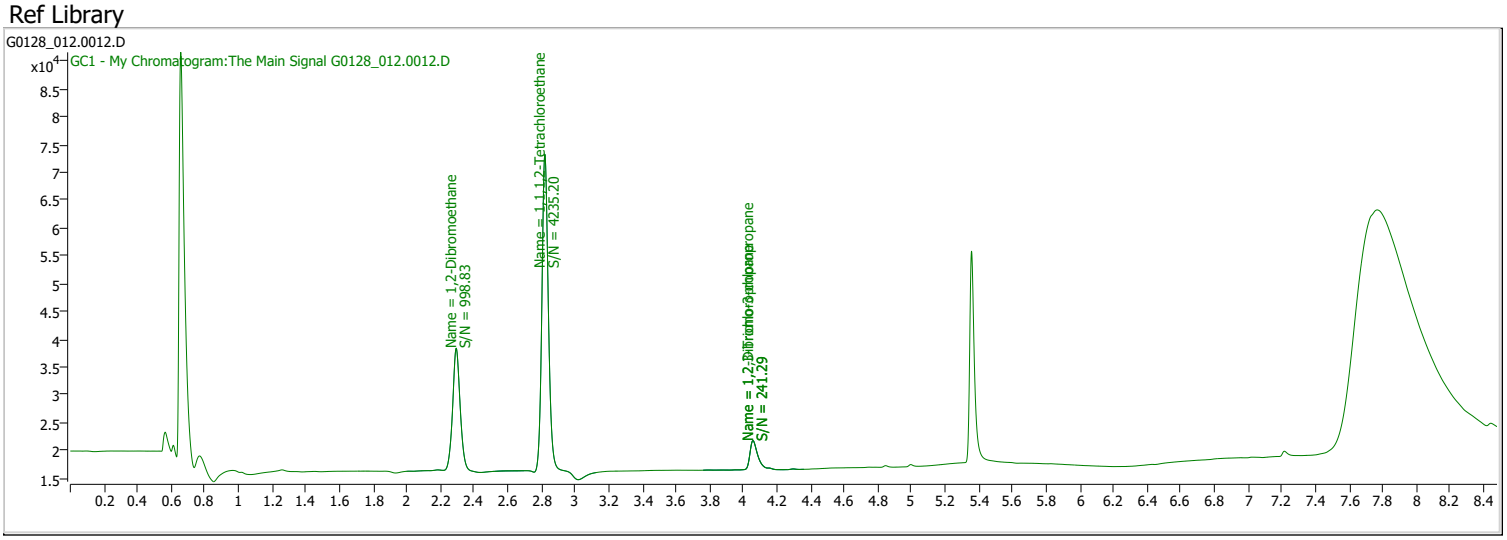


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1978	2.82	0.00	67489				



Quantitation Results Report (QT Reviewed)

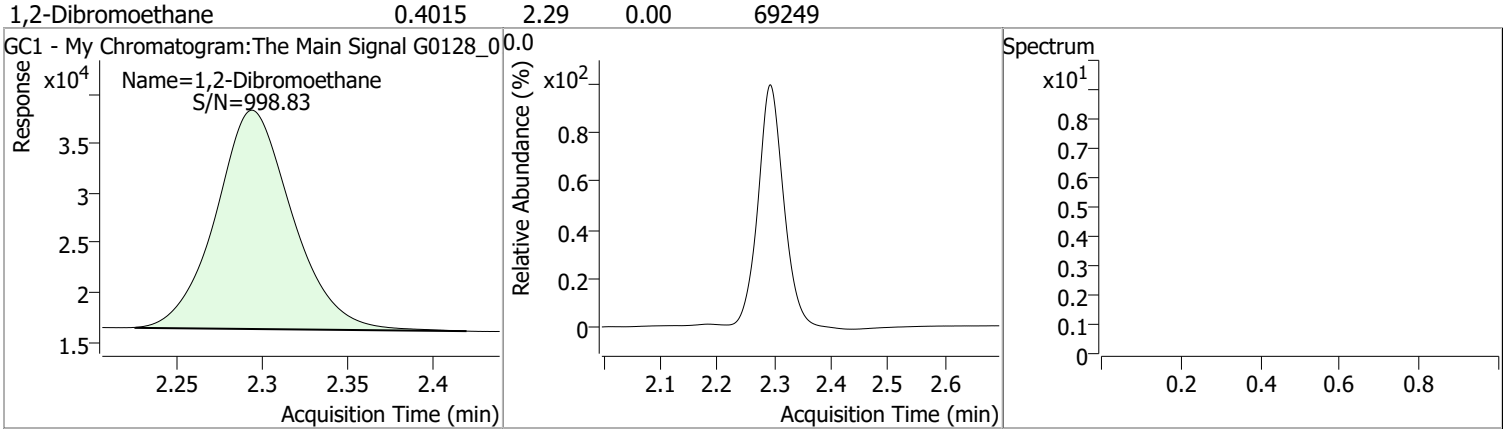
Data File	G0128_012.0012.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 1:42:28 PM
Sample Name	CAL5-163331	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



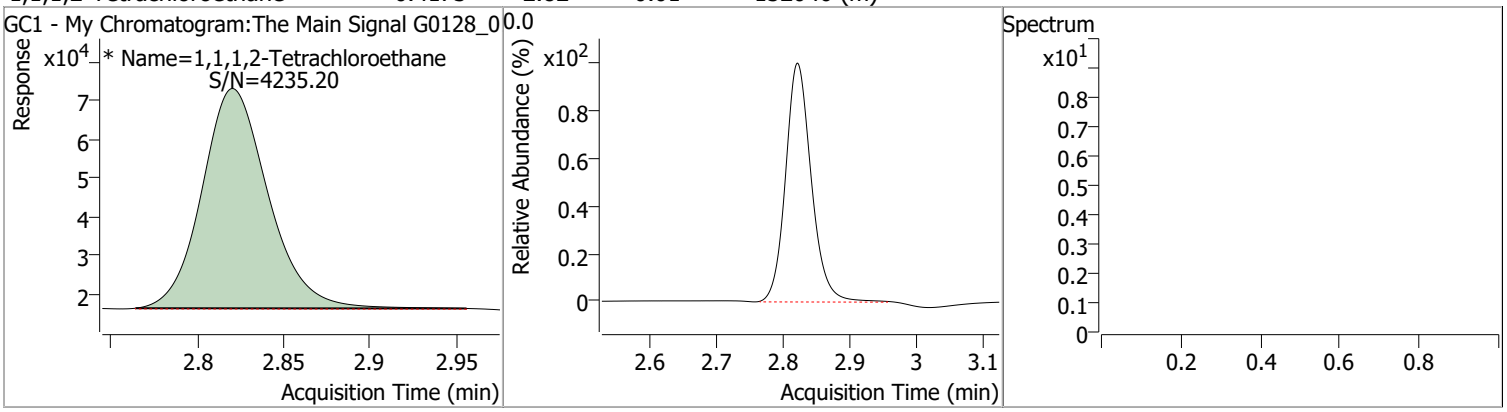
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.820	0.0	152046	0.4173	µg/L	m	-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 417.34%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.293	0.0	69249	0.4015	µg/L		100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.4015	2.29	0.00	69249				

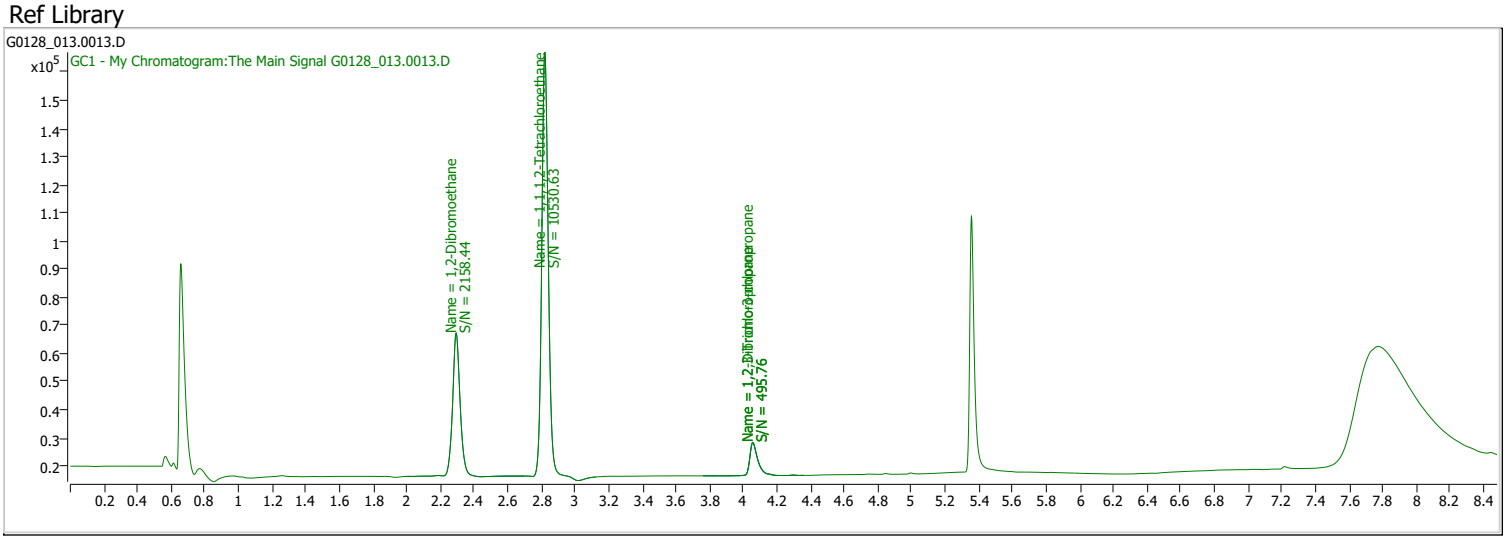


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4173	2.82	-0.01	152046 (m)				



Quantitation Results Report (QT Reviewed)

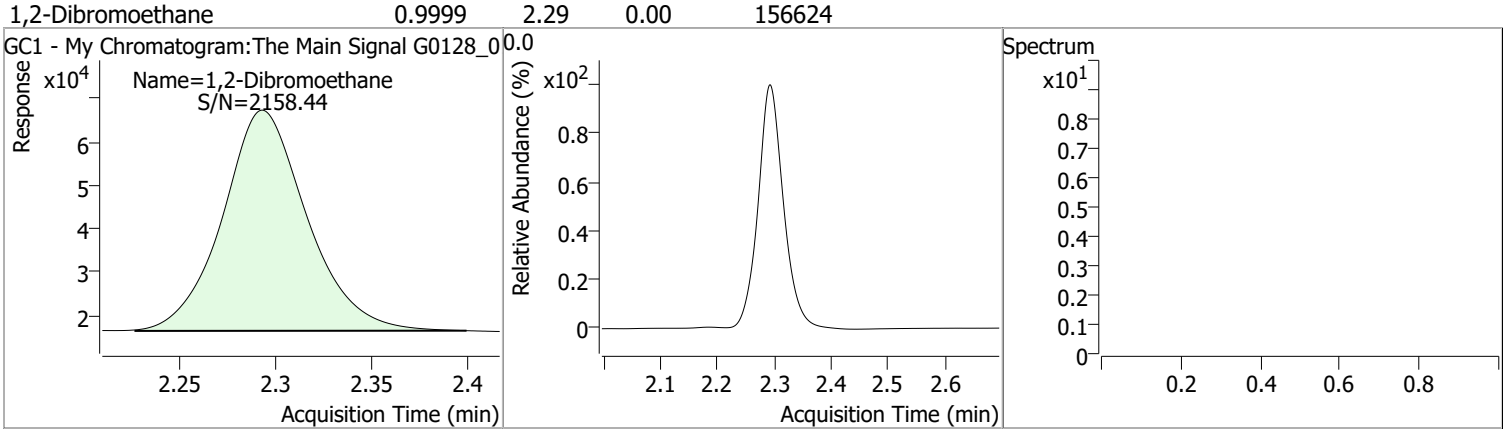
Data File	G0128_013.0013.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 2:02:16 PM
Sample Name	CAL6-163331	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



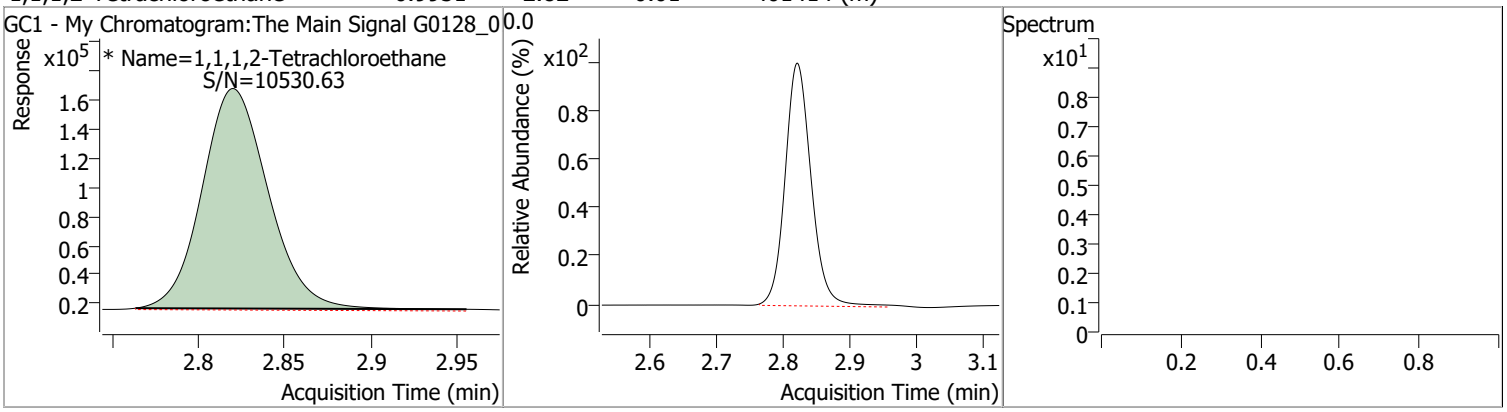
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.820	0.0	401414	0.9951	µg/L	m	-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 995.11%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.293	0.0	156624	0.9999	µg/L		100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.9999	2.29	0.00	156624				

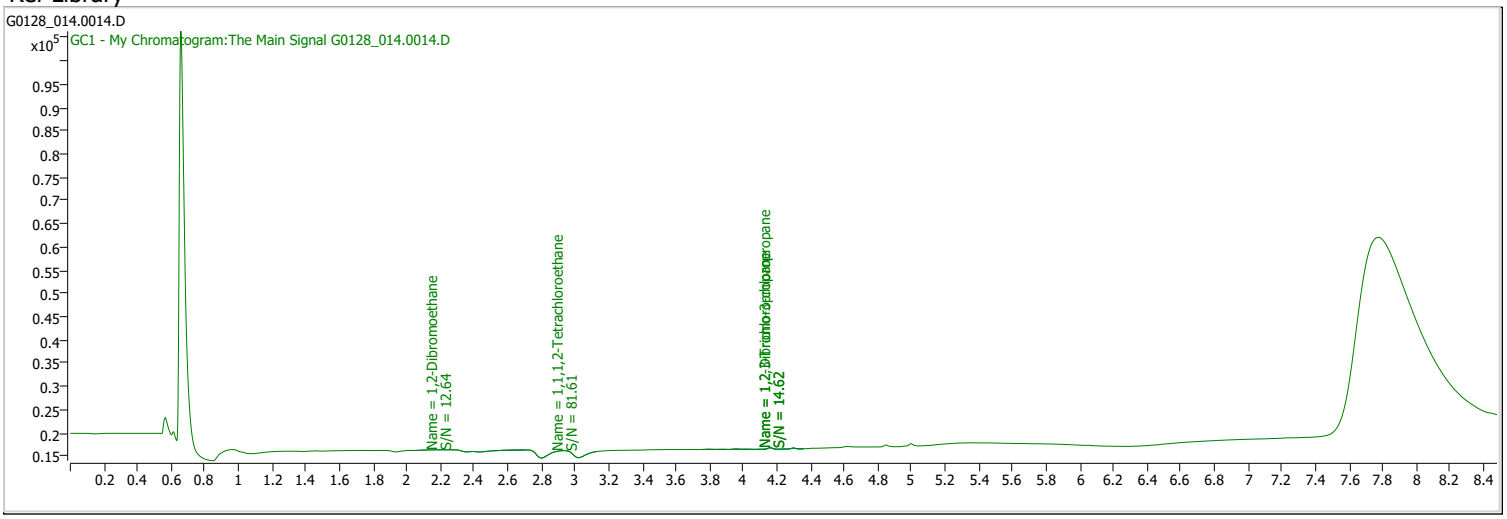


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.9951	2.82	-0.01	401414 (m)				



Quantitation Results Report (QT Reviewed)

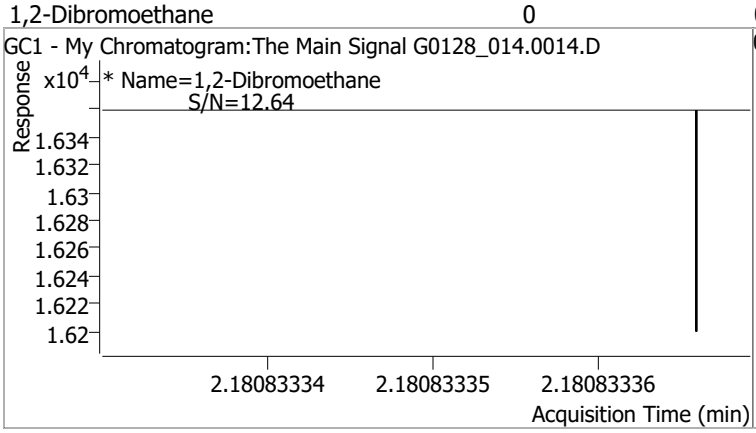
Data File	G0128_014.0014.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 2:22:00 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

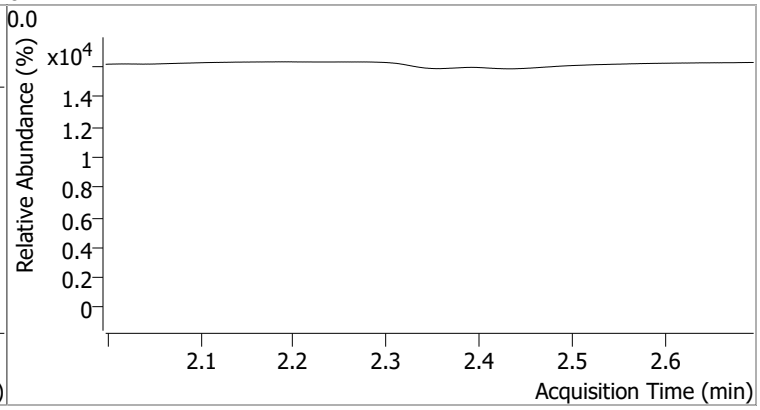


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.927	0.0	0		µg/L	md	0.102
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.181	0.0	0		µg/L	md	1

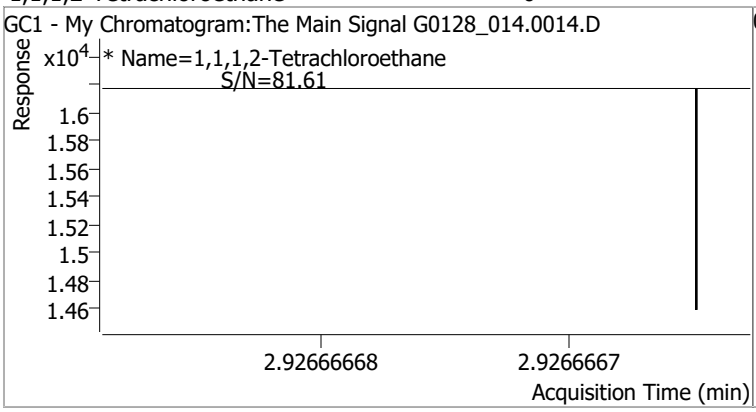
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

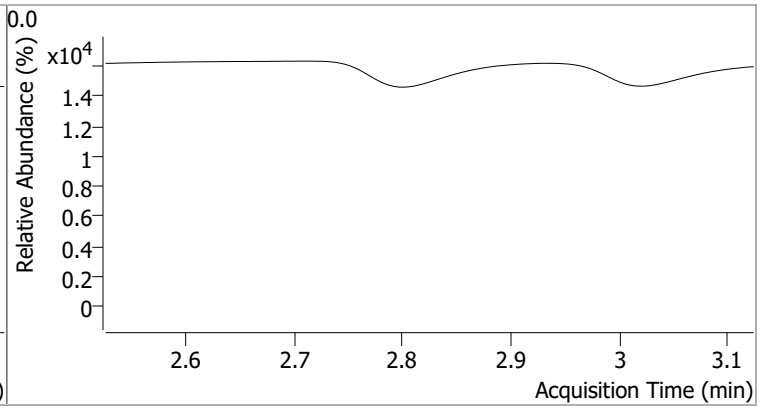
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





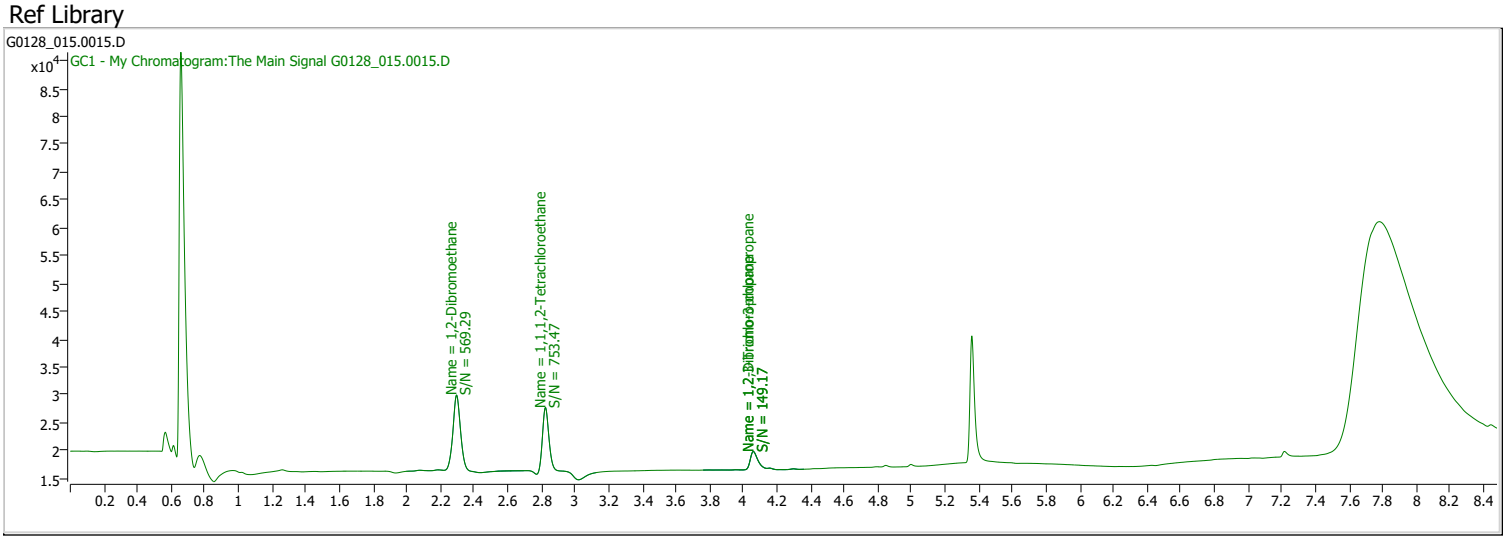
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

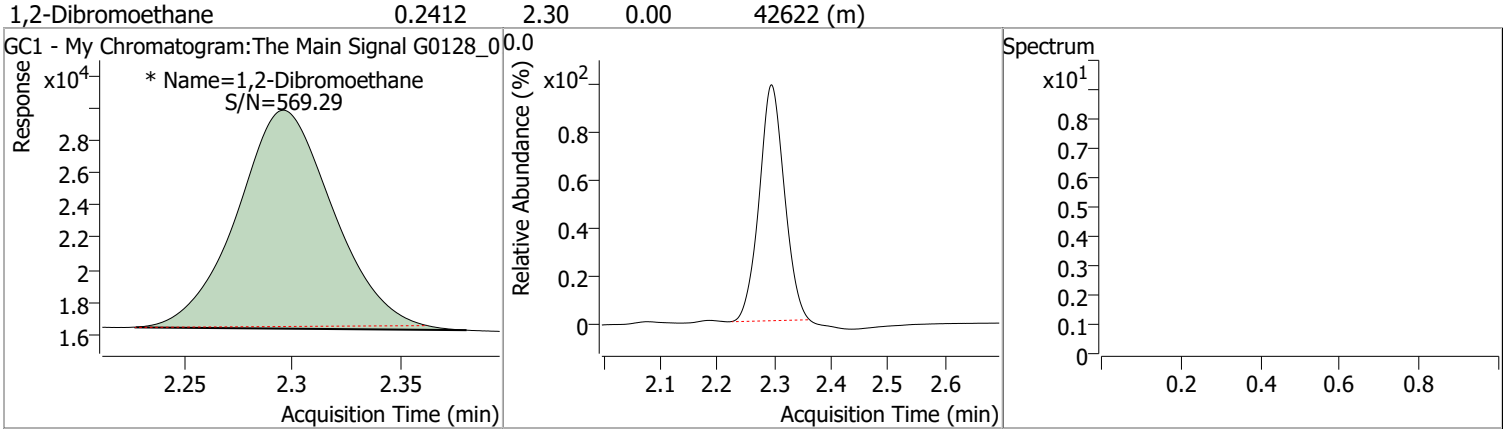
Data File	G0128_015.0015.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 2:41:39 PM
Sample Name	LCS-163331	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



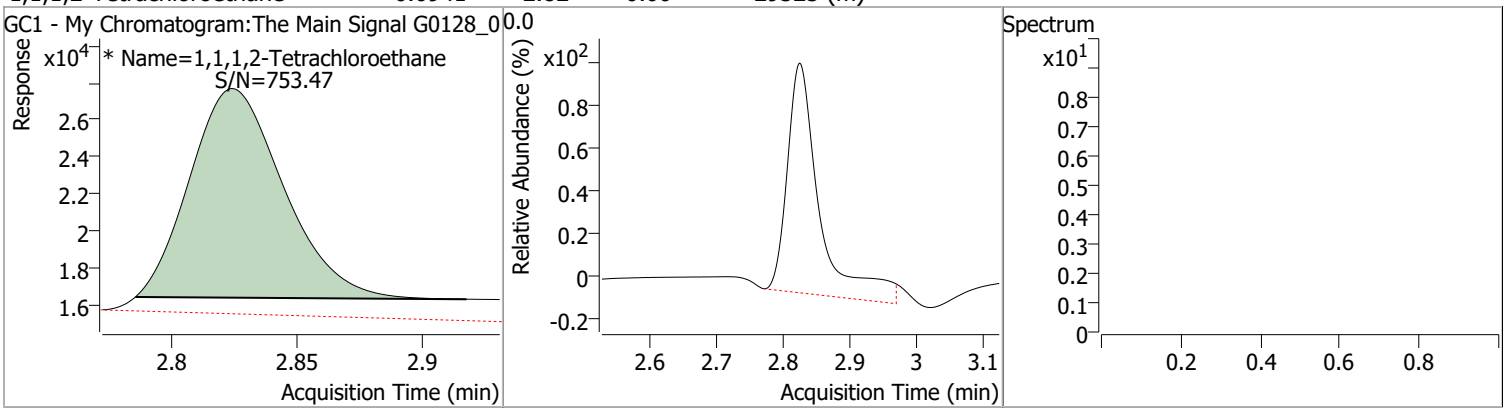
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.823	0.0	29525	0.0941	µg/L	m	-0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 94.10%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.296	0.0	42622	0.2412	µg/L	m	100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2412	2.30	0.00	42622 (m)				

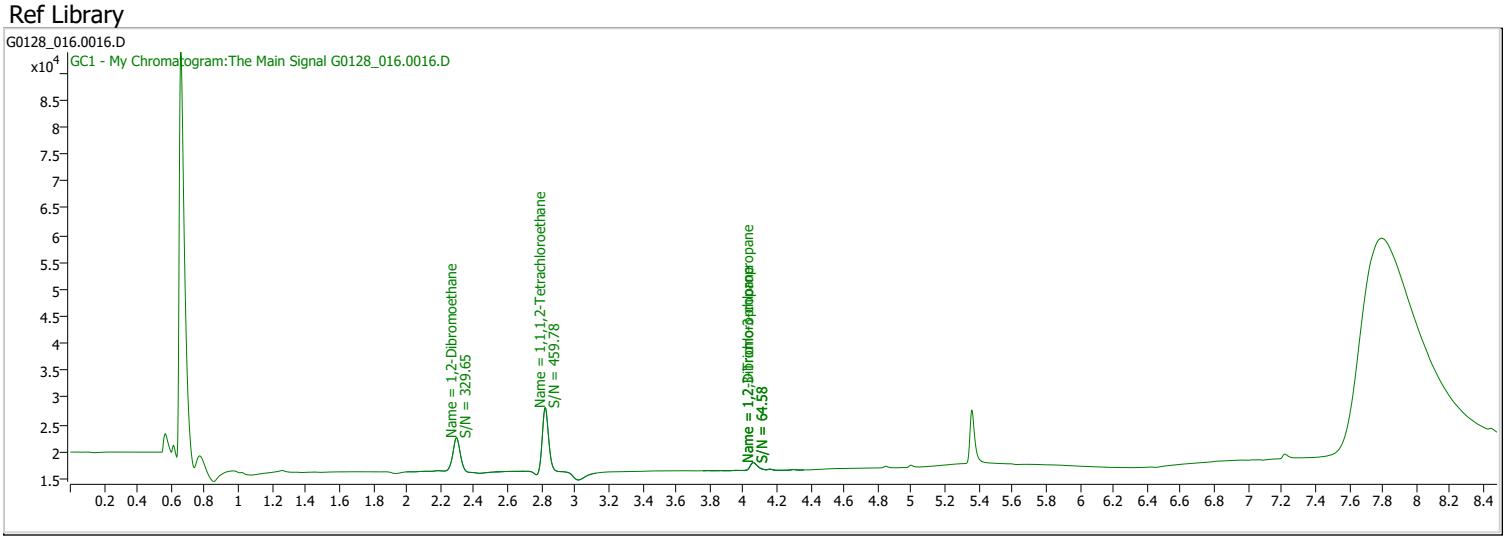


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0941	2.82	0.00	29525 (m)				



Quantitation Results Report (QT Reviewed)

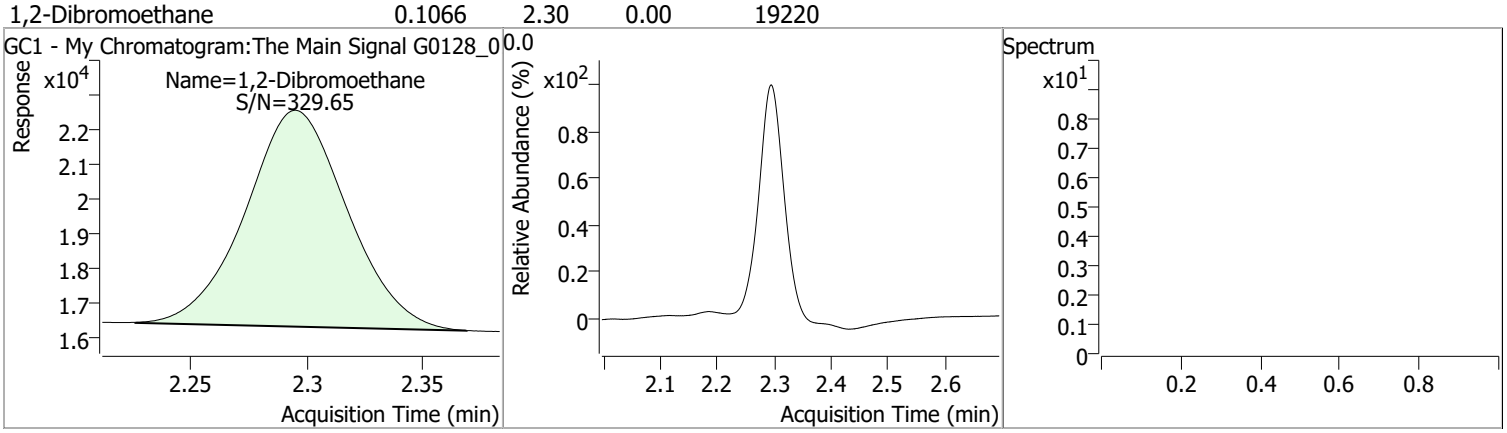
Data File	G0128_016.0016.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 3:01:28 PM
Sample Name	CAL3-163331	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



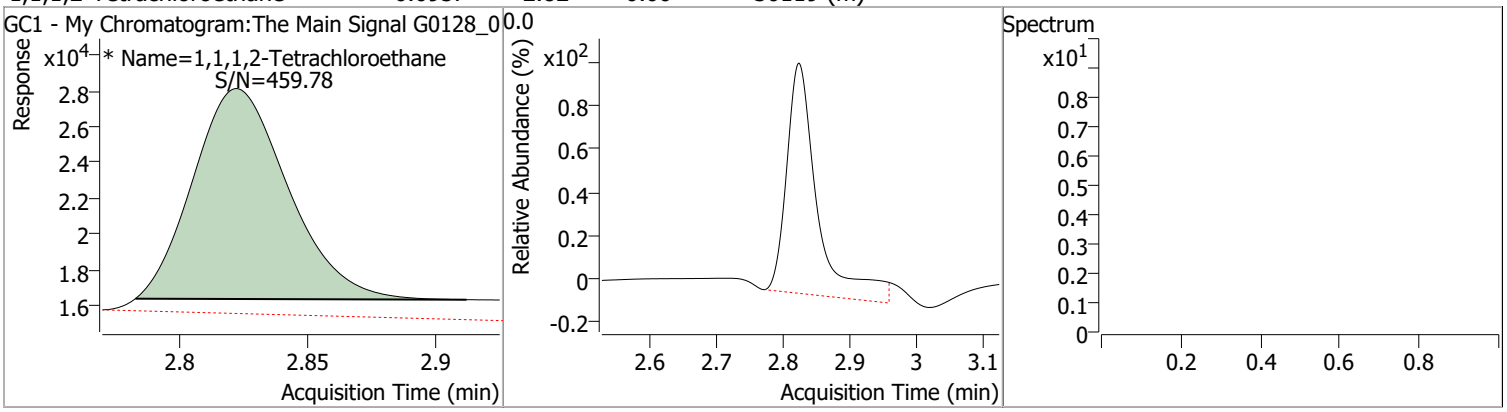
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.823	0.0	30119	0.0957	µg/L	m	-0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 95.75%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.295	0.0	19220	0.1066	µg/L		100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1066	2.30	0.00	19220				

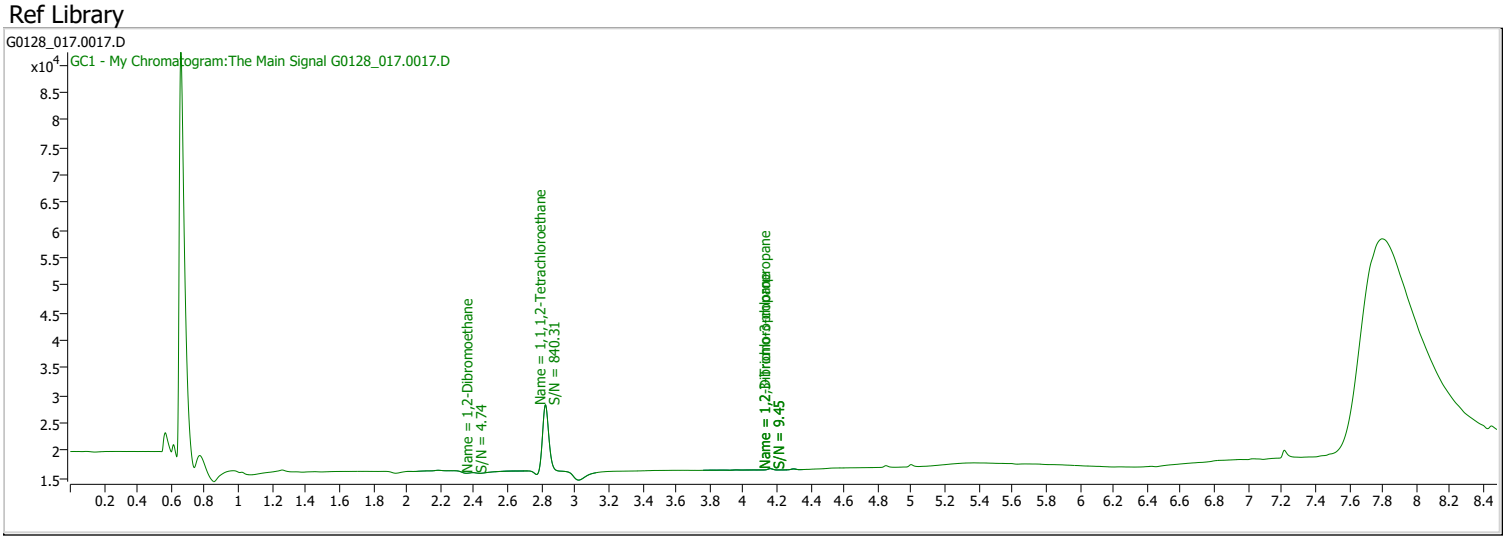


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0957	2.82	0.00	30119 (m)				



Quantitation Results Report (QT Reviewed)

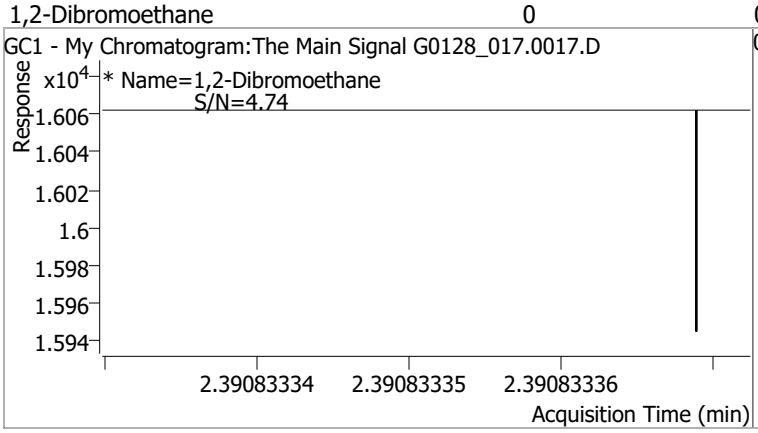
Data File	G0128_017.0017.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 3:21:16 PM
Sample Name	MB-163331	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

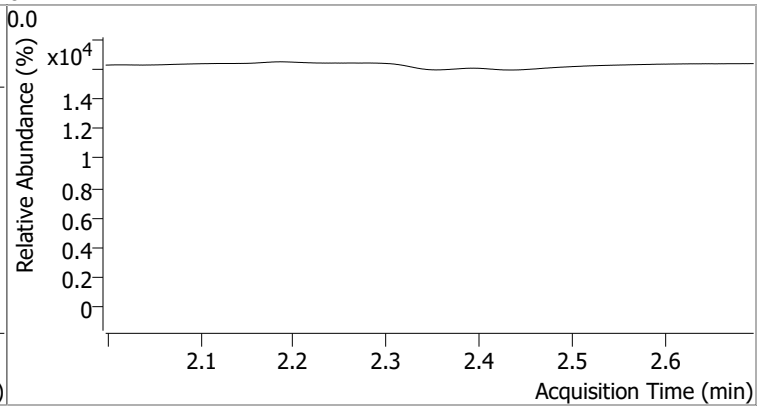


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.823	0.0	30542	0.0969	µg/L	m	-0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 96.92%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.391	0.0	0		µg/L	md	1

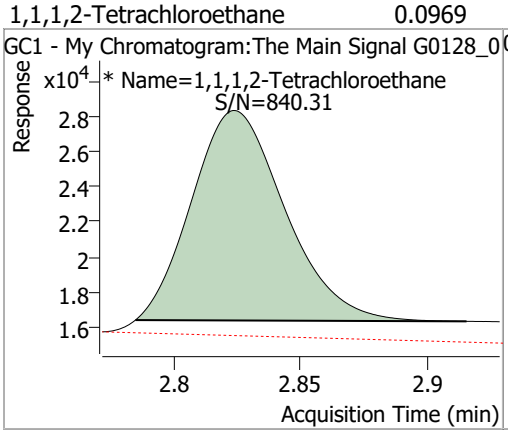
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

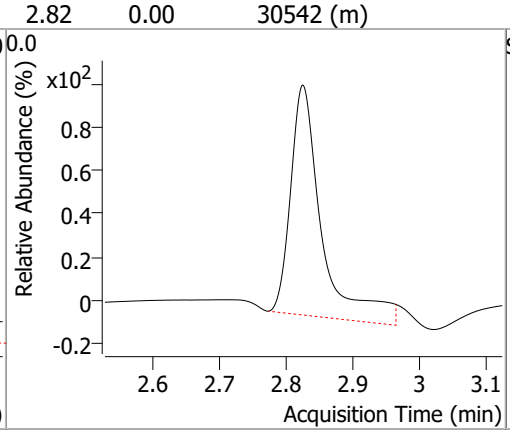
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

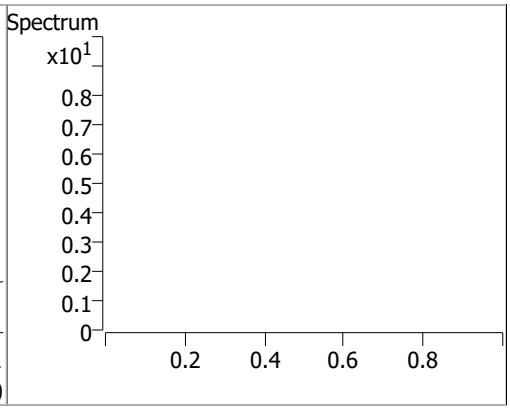




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0969	2.82	0.00	30542 (m)				

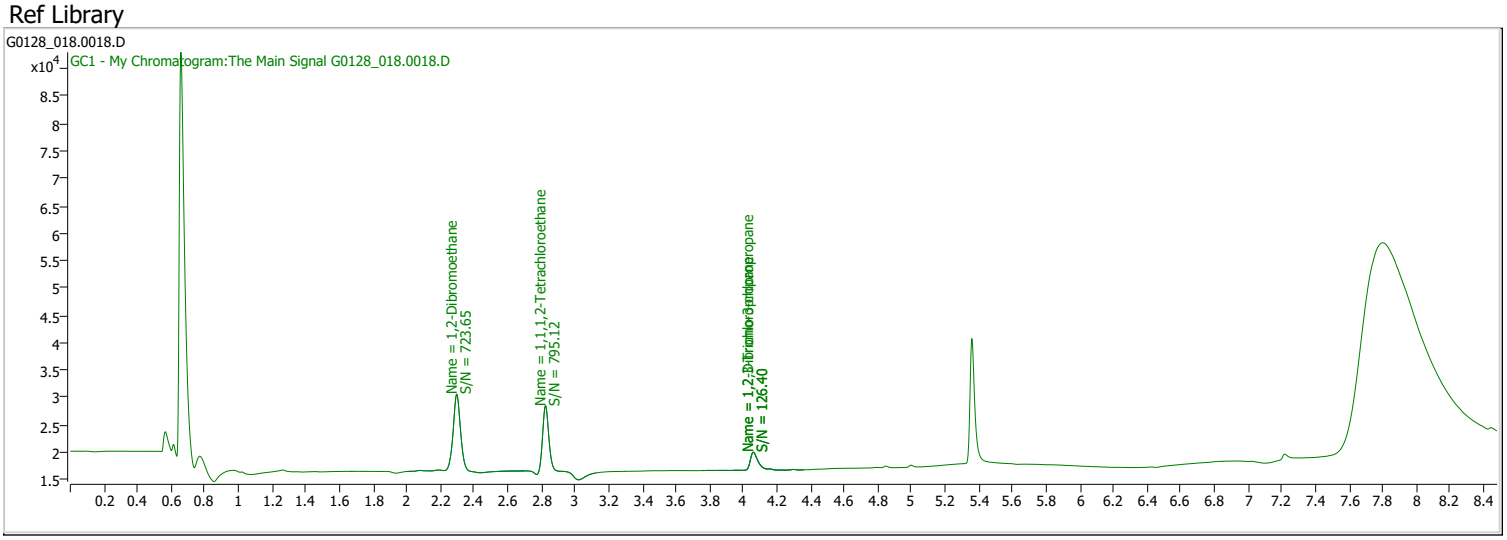






Quantitation Results Report (QT Reviewed)

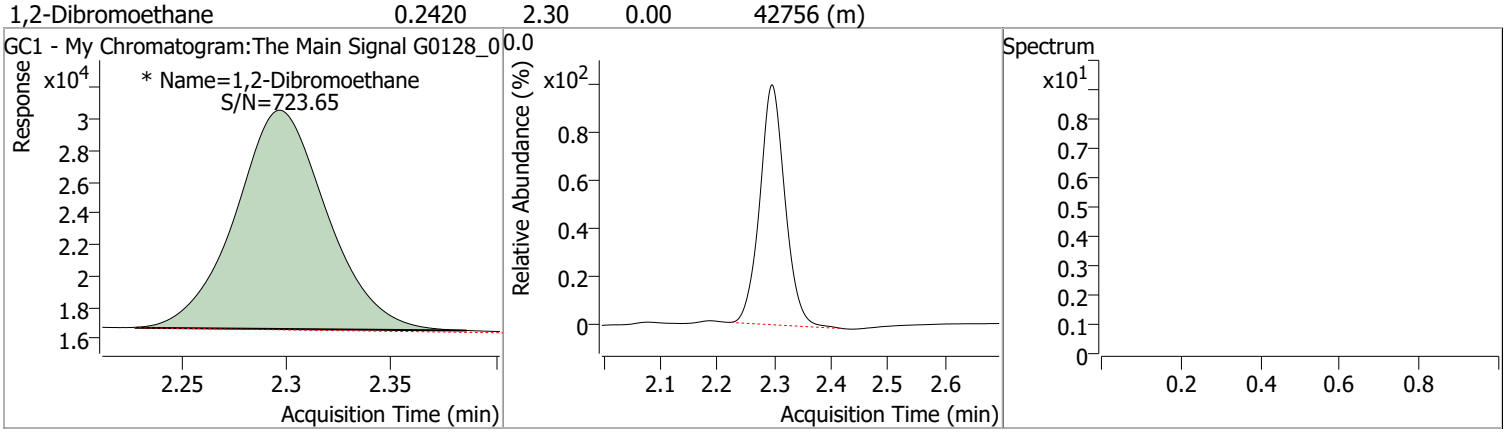
Data File	G0128_018.0018.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 3:41:00 PM
Sample Name	LCS-163331	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



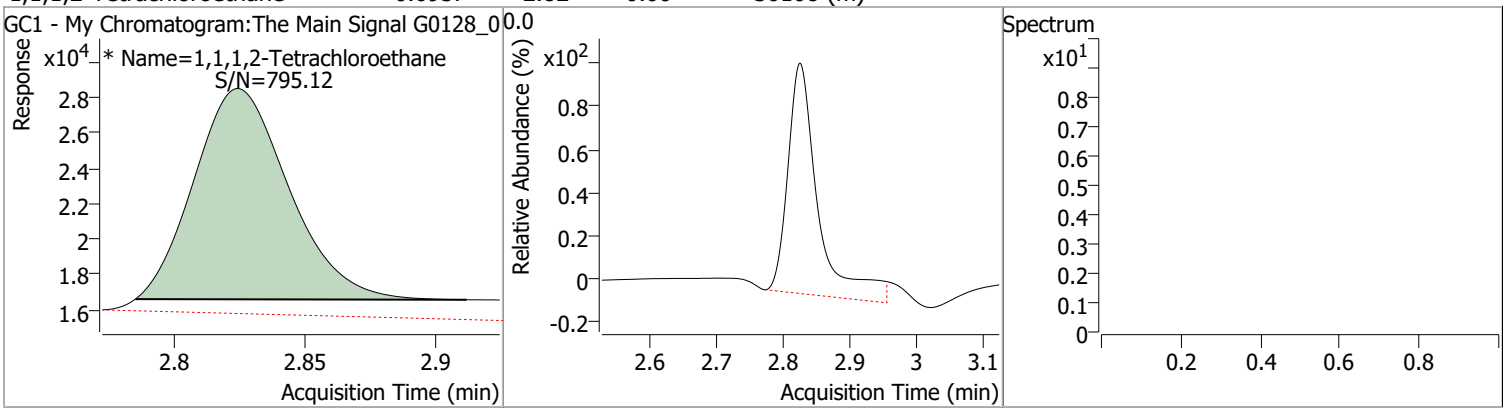
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.824	0.0	30108	0.0957	µg/L	m	-0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 95.72%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.297	0.0	42756	0.2420	µg/L	m	100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2420	2.30	0.00	42756 (m)				

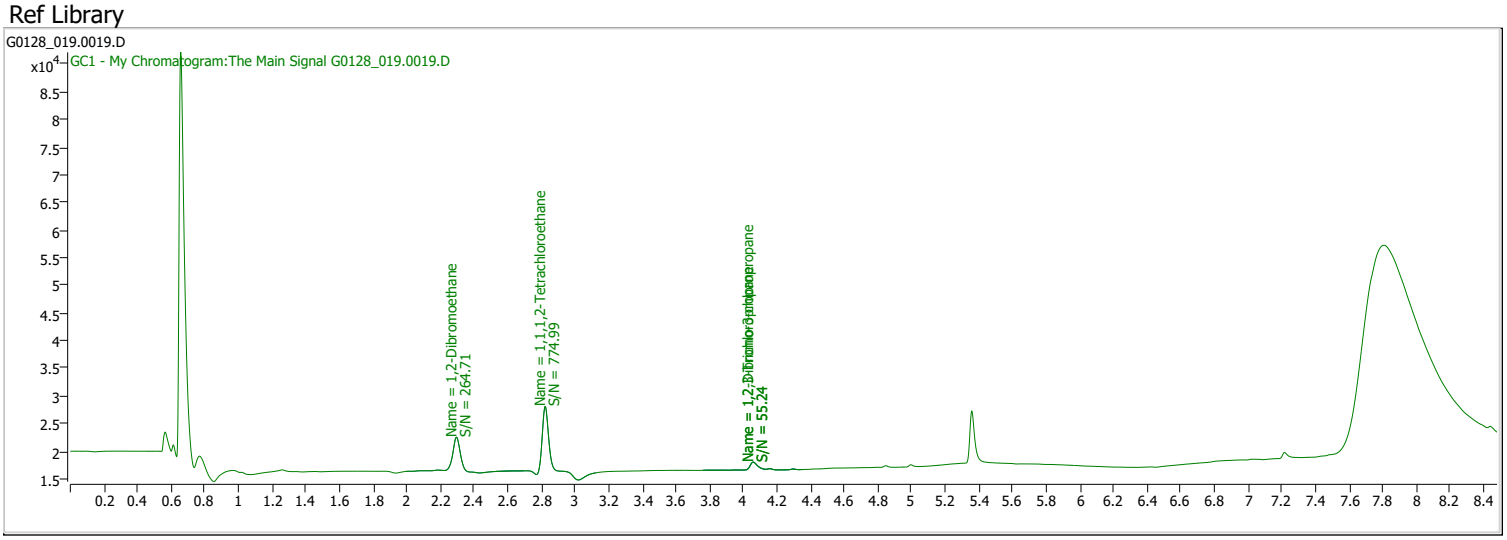


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0957	2.82	0.00	30108 (m)				



Quantitation Results Report (QT Reviewed)

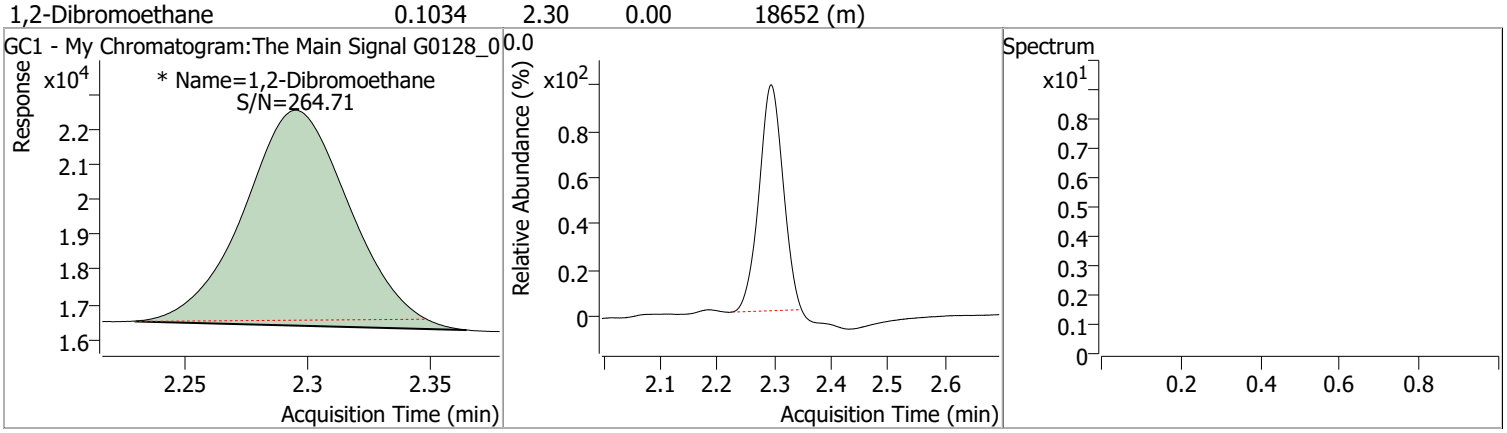
Data File	G0128_019.0019.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 4:00:42 PM
Sample Name	LCS1-163331	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



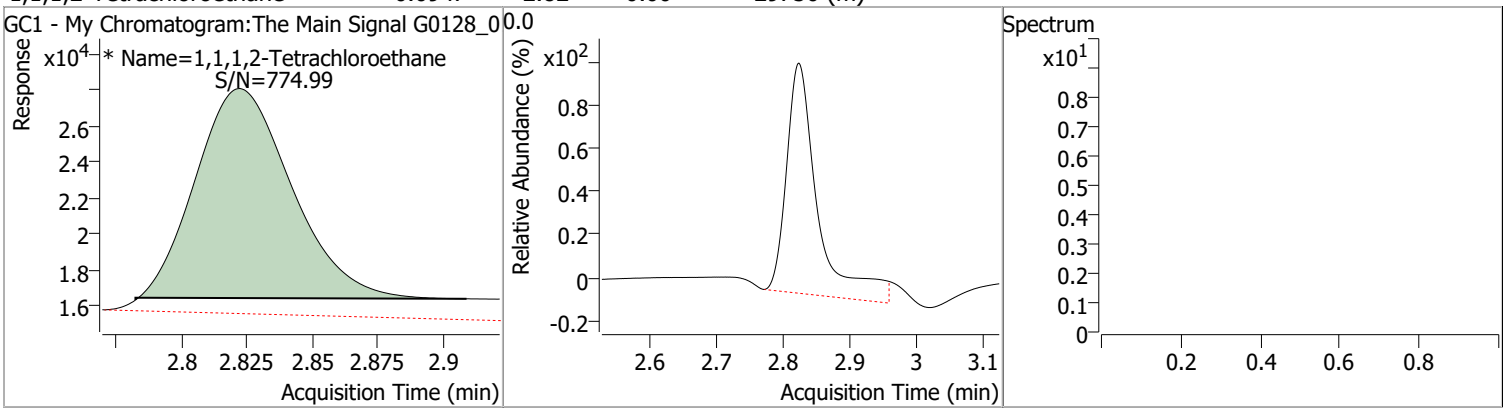
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.823	0.0	29750	0.0947	µg/L	m	-0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 94.72%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.295	0.0	18652	0.1034	µg/L	m	100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1034	2.30	0.00	18652 (m)				

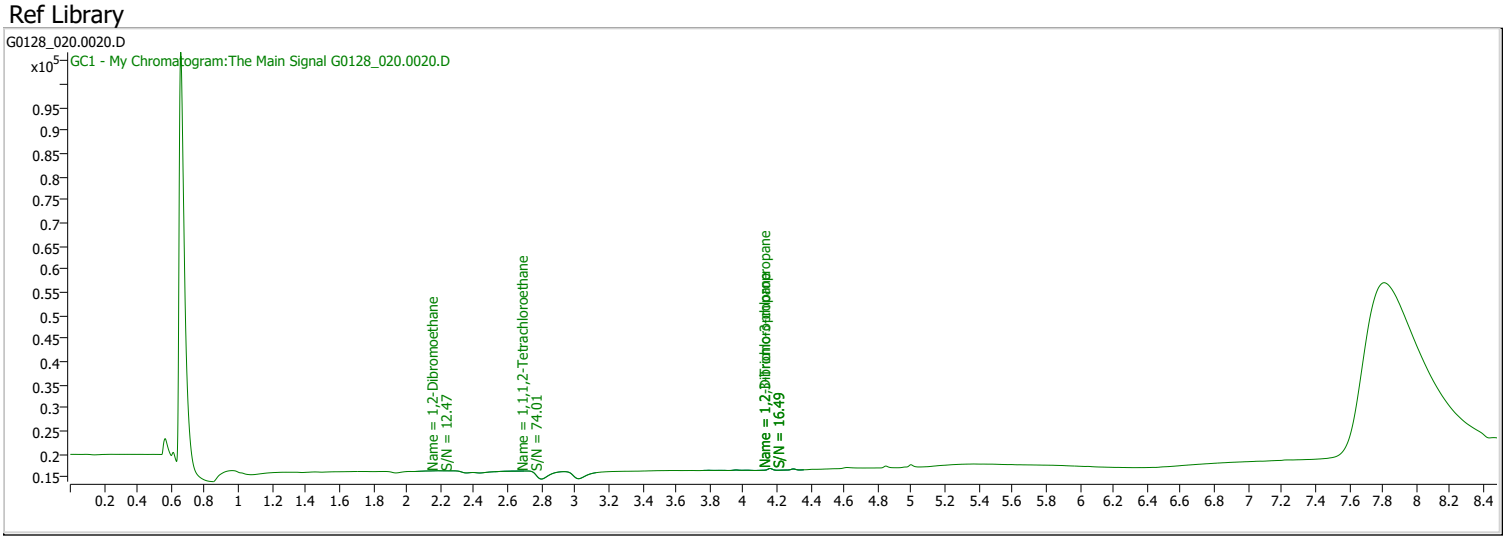


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0947	2.82	0.00	29750 (m)				



Quantitation Results Report (QT Reviewed)

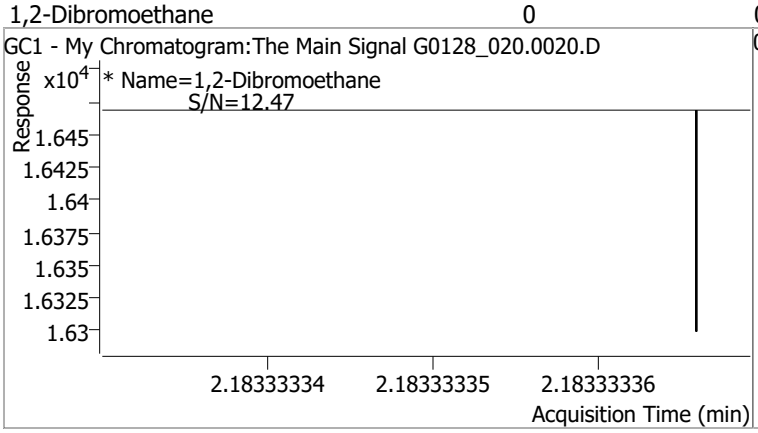
Data File	G0128_020.0020.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 4:20:24 PM
Sample Name	Hexane	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

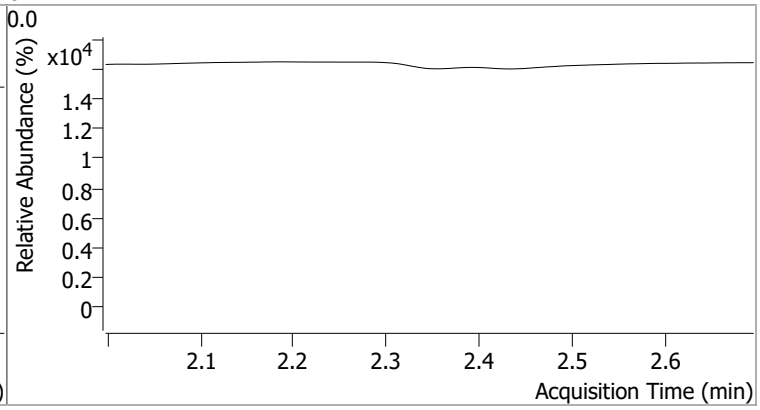


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.719	0.0	0		µg/L	md	-0.106
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.183	0.0	0		µg/L	md	1

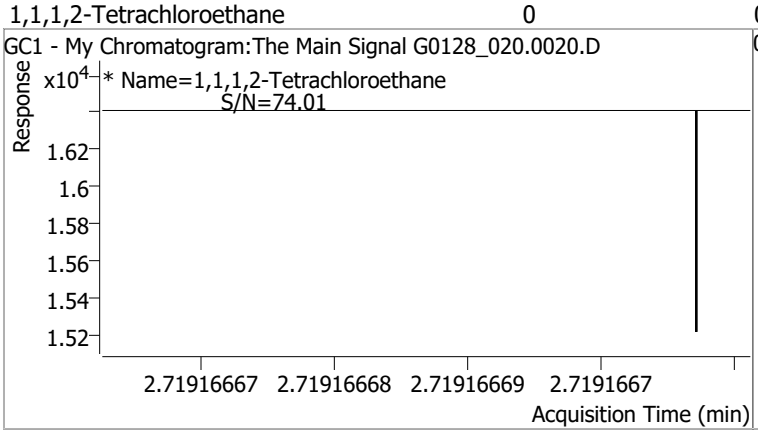
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

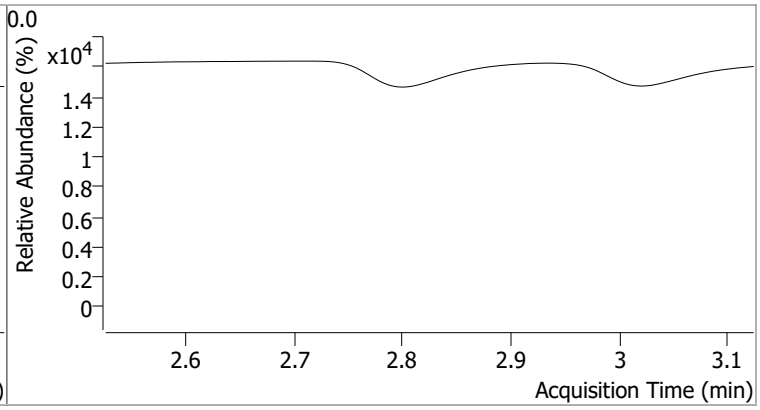
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





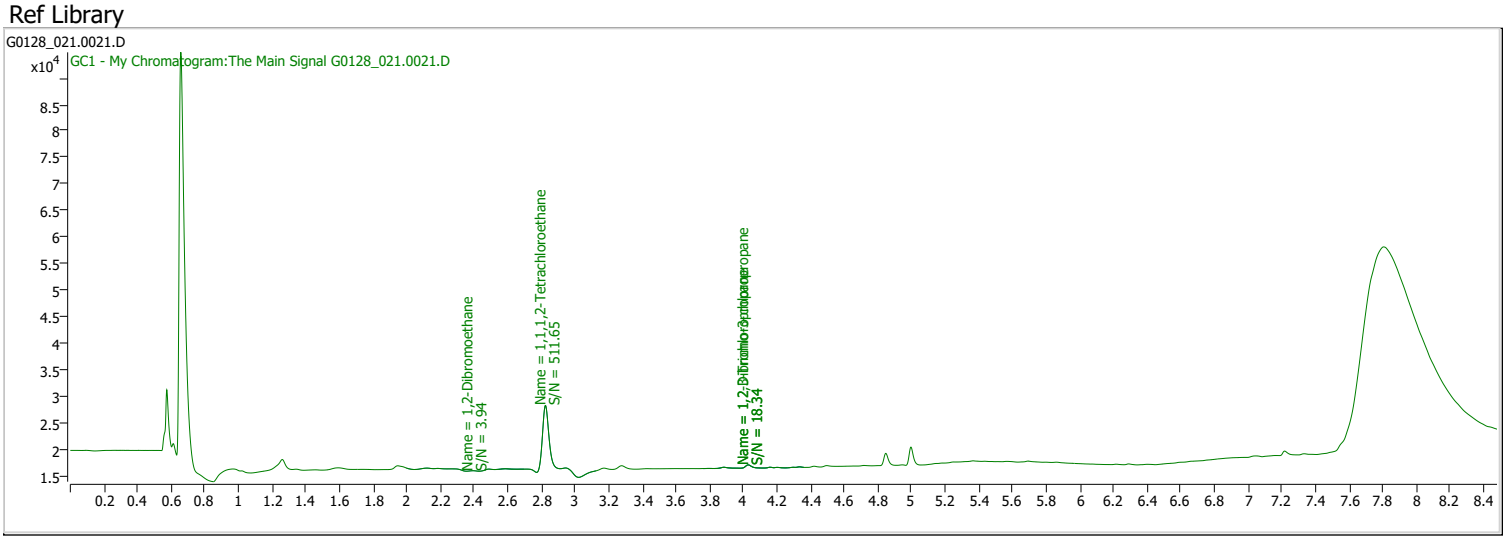
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

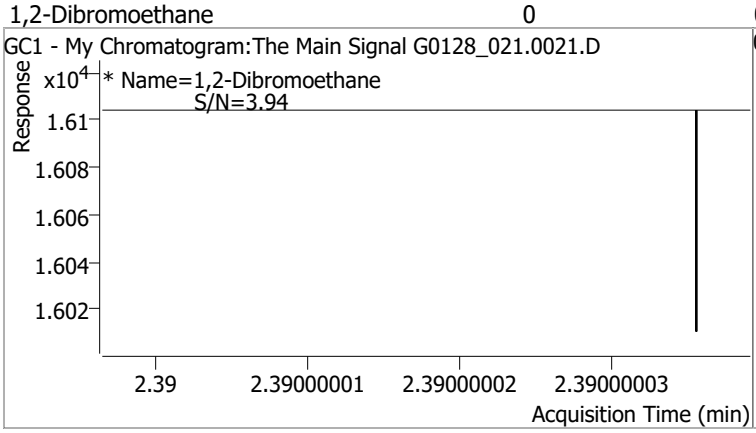
Data File	G0128_021.0021.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 4:40:13 PM
Sample Name	B22011592-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

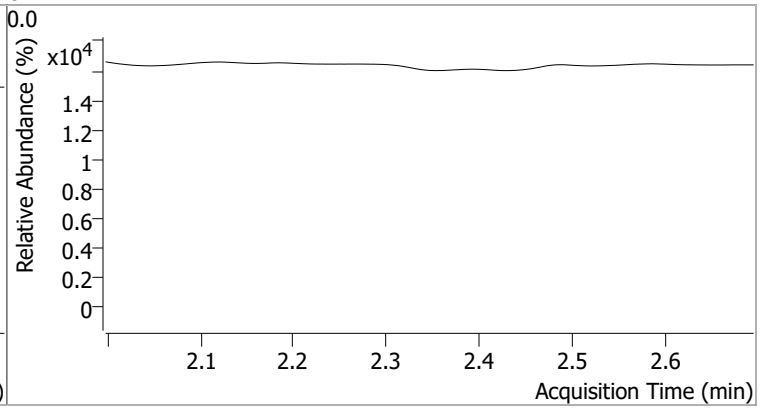


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.823	0.0	30804	0.0976	µg/L		-0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 97.65%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.390	0.0	0		µg/L	md	1

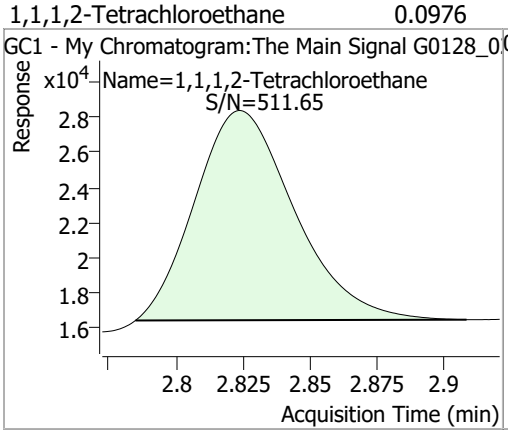
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

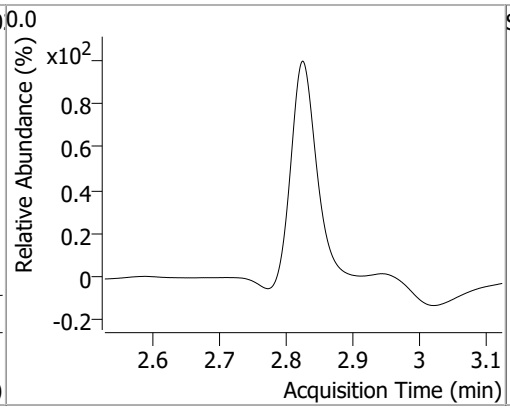
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

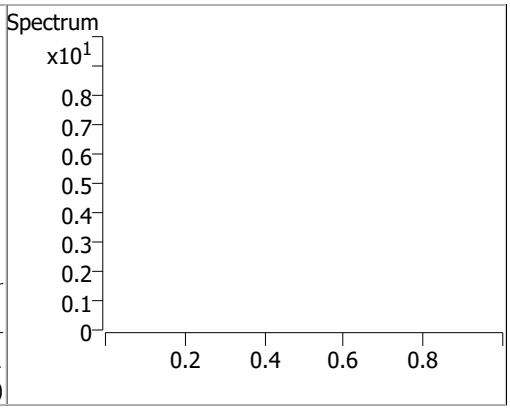




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0976	2.82	0.00	30804				

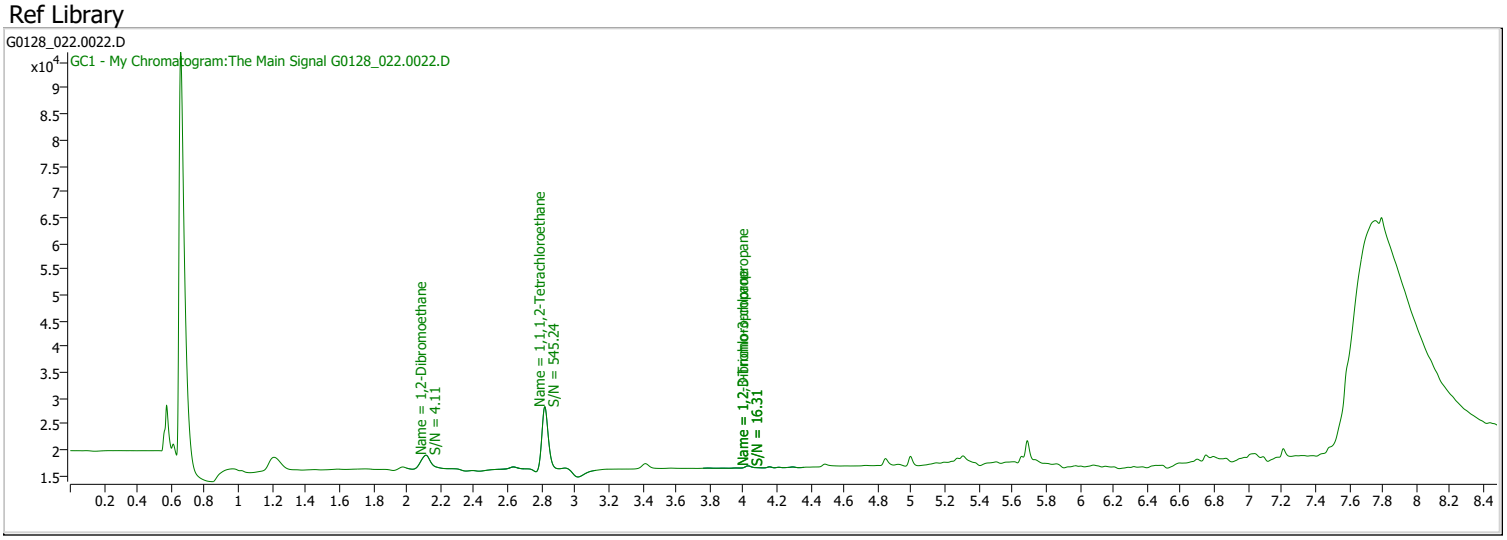






Quantitation Results Report (QT Reviewed)

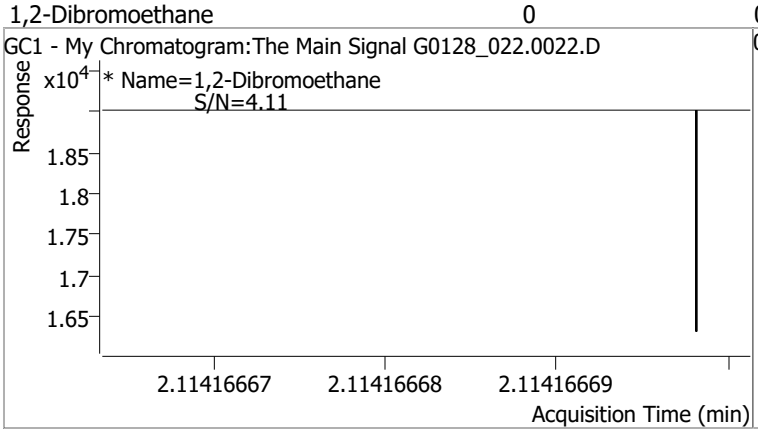
Data File	G0128_022.0022.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 4:59:57 PM
Sample Name	B22011592-006H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

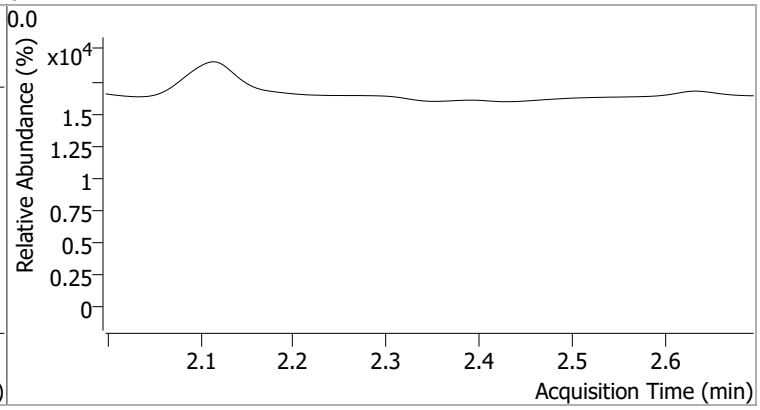


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.820	0.0	31389	0.0993	µg/L	m	-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 99.27%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.114	0.0	0		µg/L	md	1

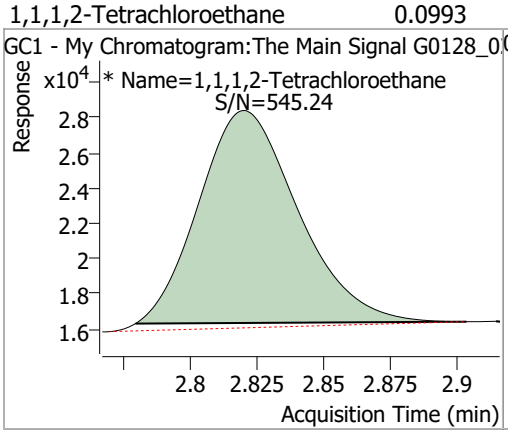
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

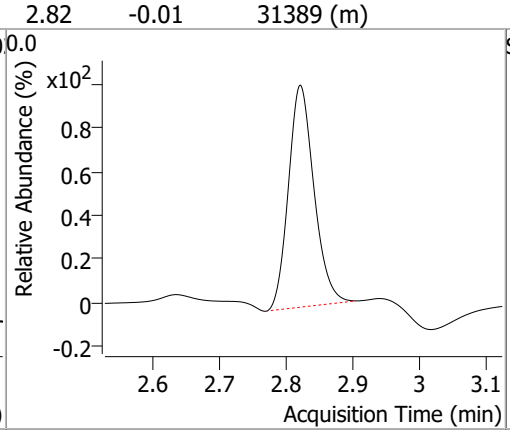
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

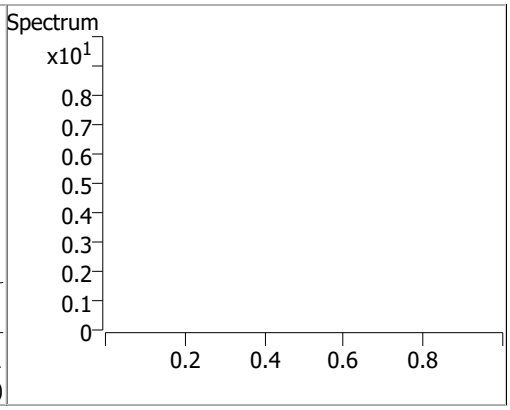




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0993	2.82	-0.01	31389 (m)				

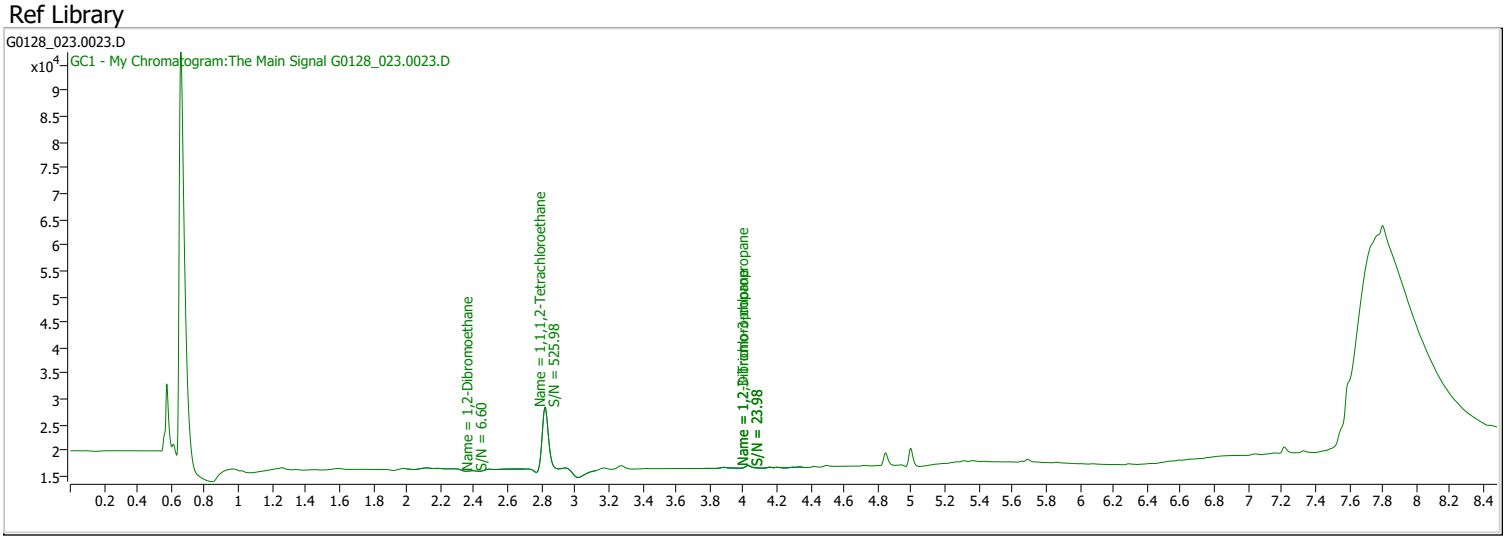






Quantitation Results Report (QT Reviewed)

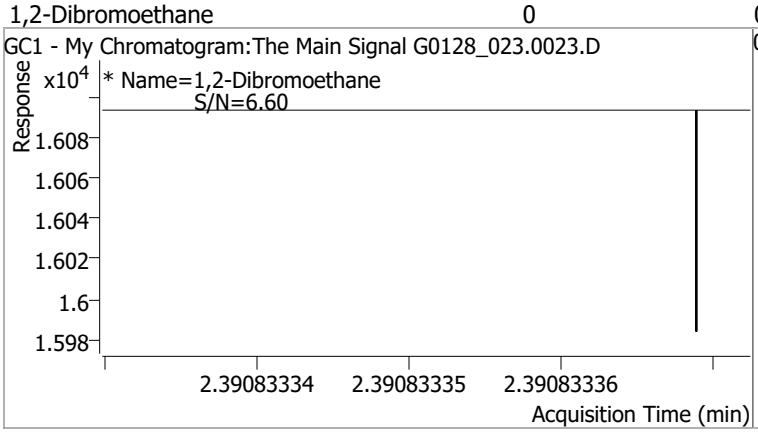
Data File	G0128_023.0023.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 5:19:43 PM
Sample Name	B22011592-010A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

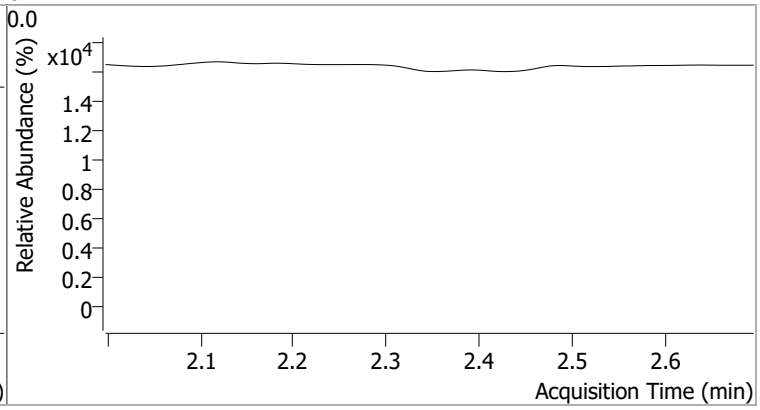


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.822	0.0	30409	0.0966	µg/L		-0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 96.55%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.391	0.0	0		µg/L	md	1

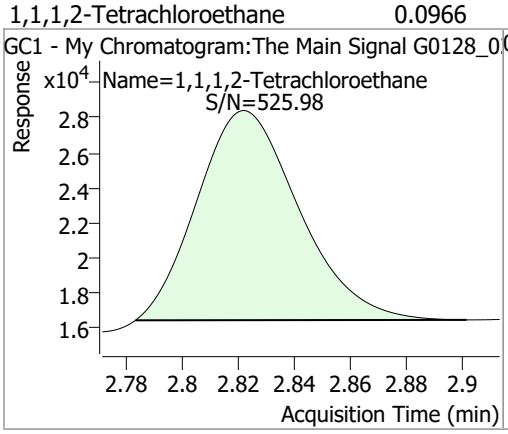
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

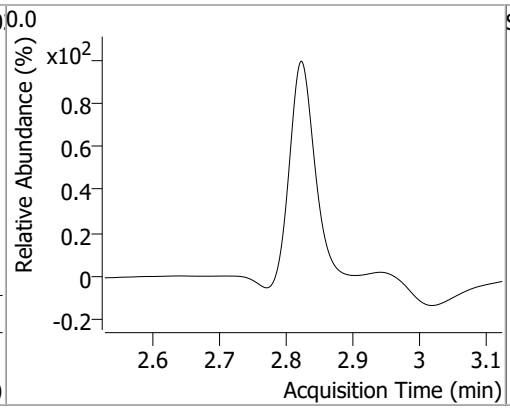
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

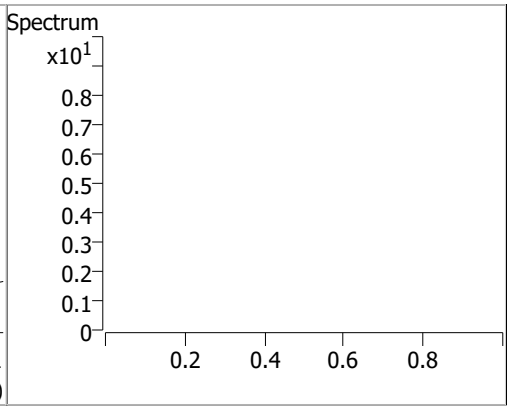




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0966	2.82	0.00	30409				

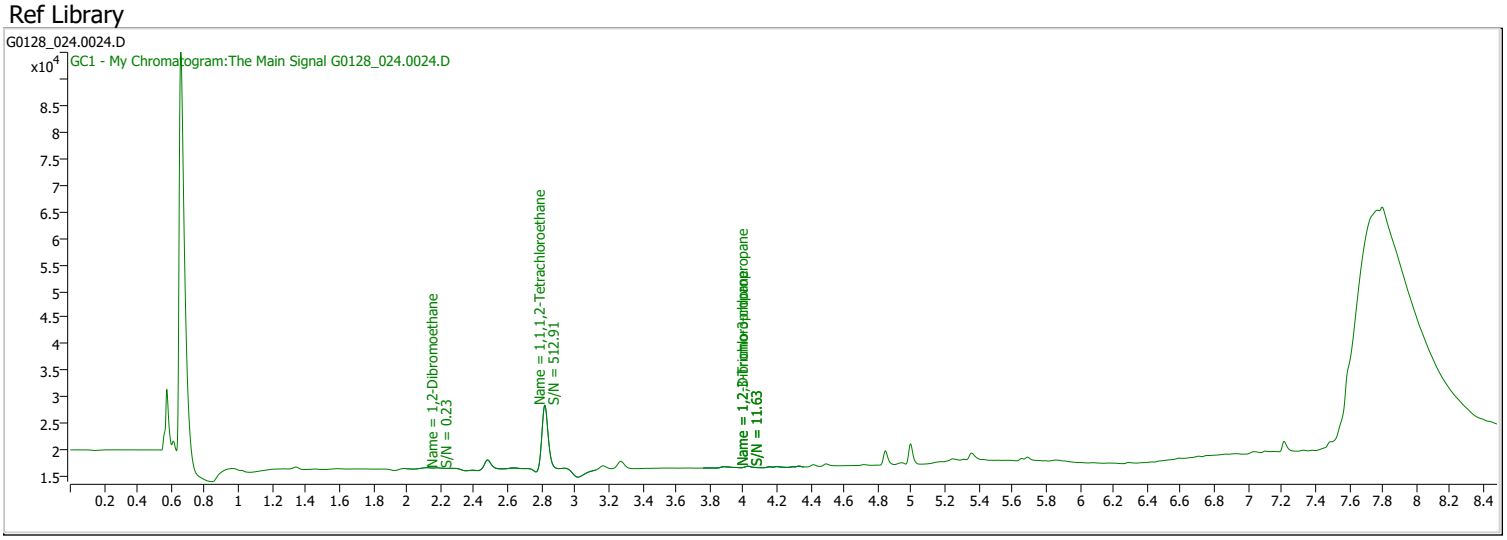






Quantitation Results Report (QT Reviewed)

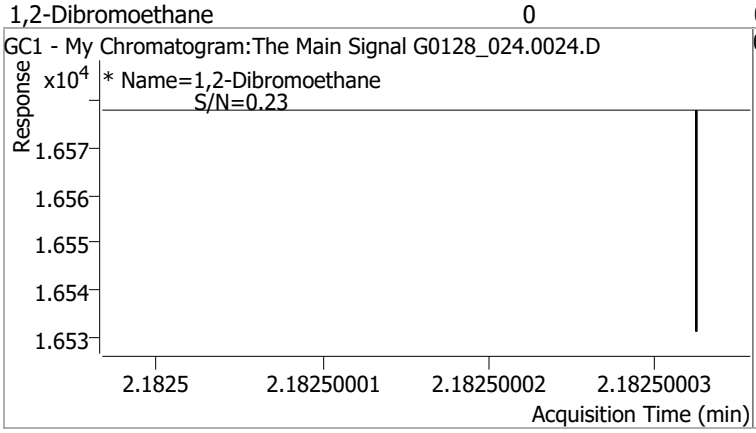
Data File	G0128_024.0024.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 5:39:36 PM
Sample Name	B22011592-012H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

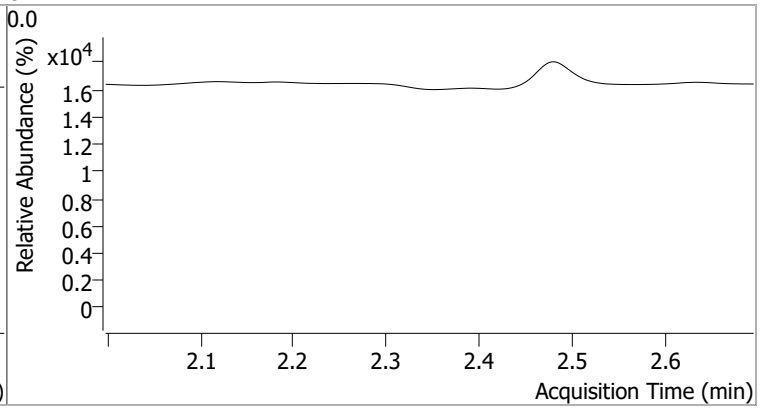


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.820	0.0	30753	0.0975	µg/L	m	-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 97.51%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.183	0.0	0		µg/L	md	1

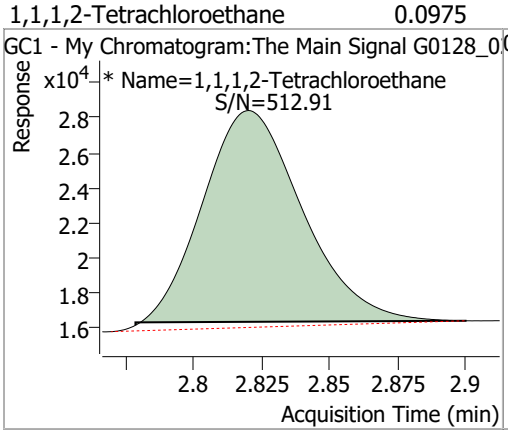
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

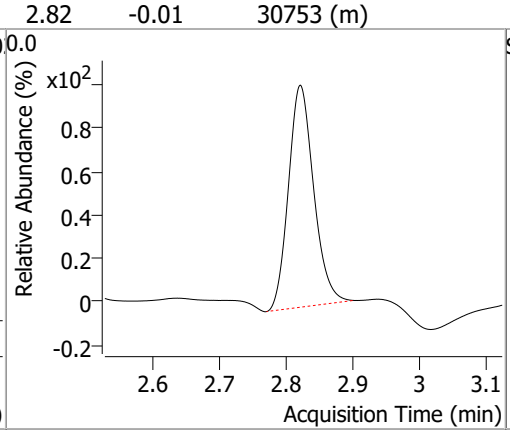
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

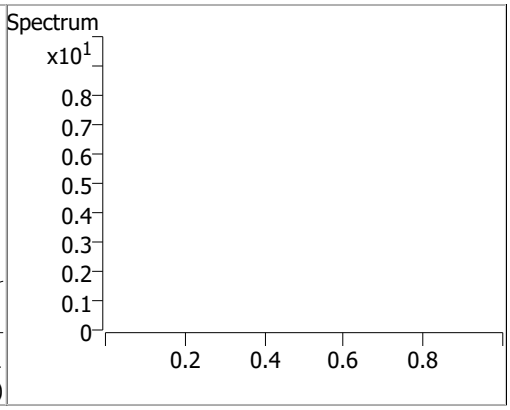




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0975	2.82	-0.01	30753 (m)				

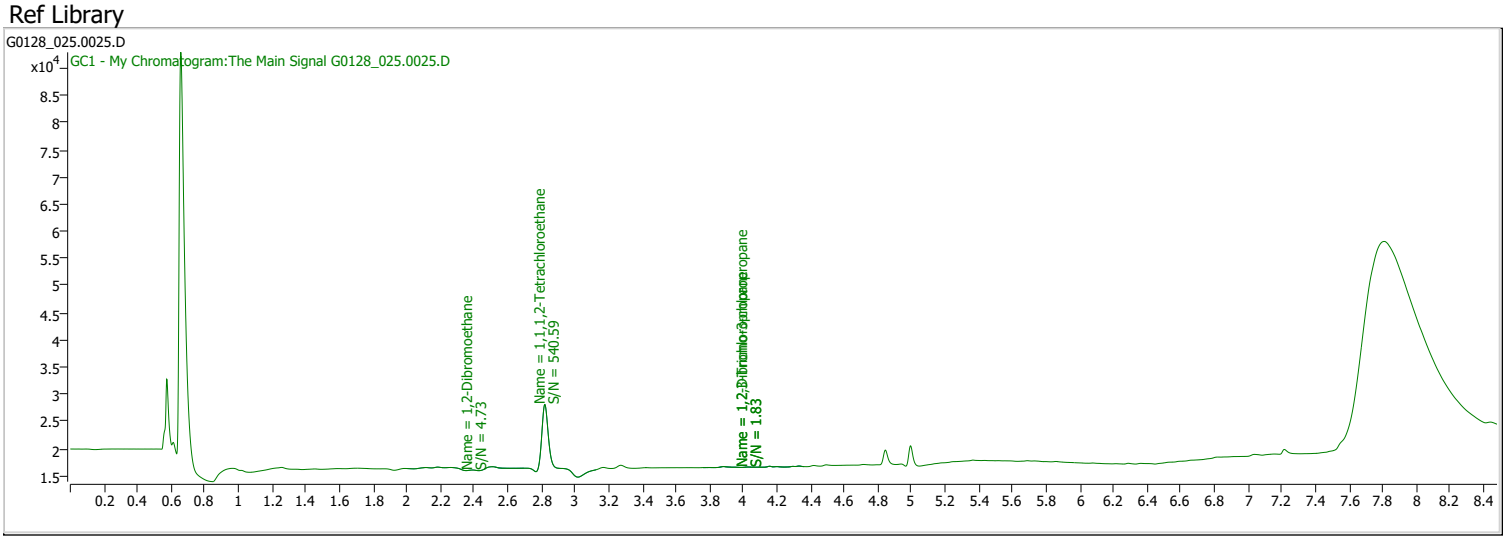






Quantitation Results Report (QT Reviewed)

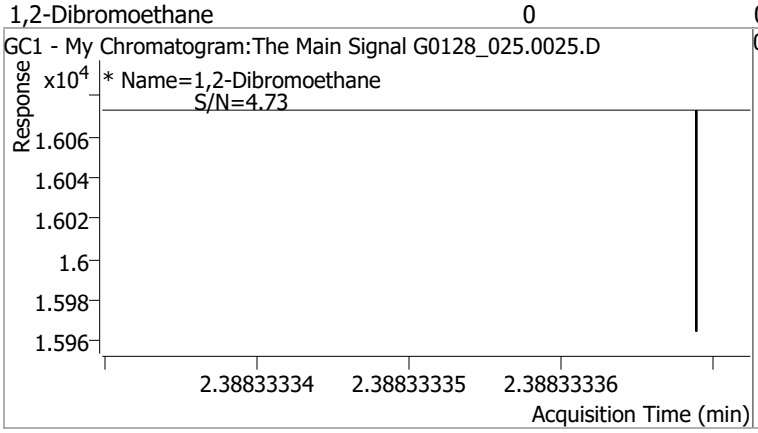
Data File	G0128_025.0025.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 5:59:17 PM
Sample Name	B22011592-015A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

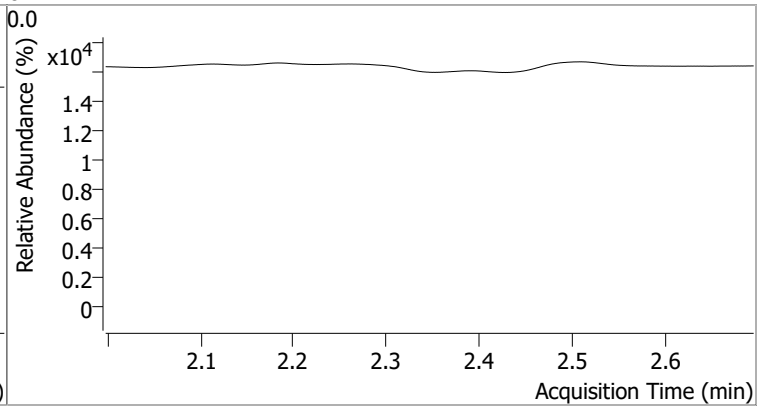


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.820	0.0	30688	0.0973	µg/L	m	-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 97.33%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.388	0.0	0		µg/L	md	1

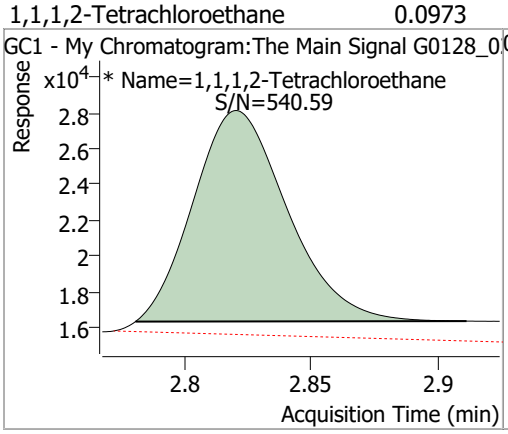
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

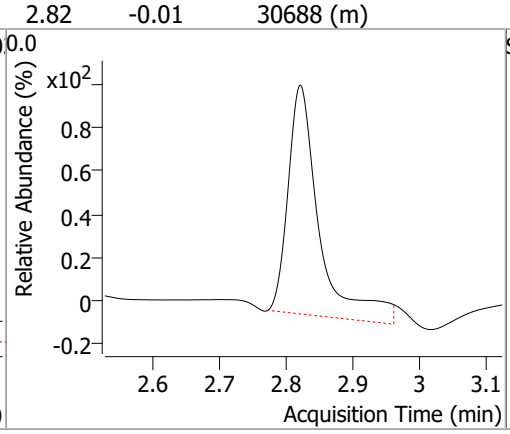
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

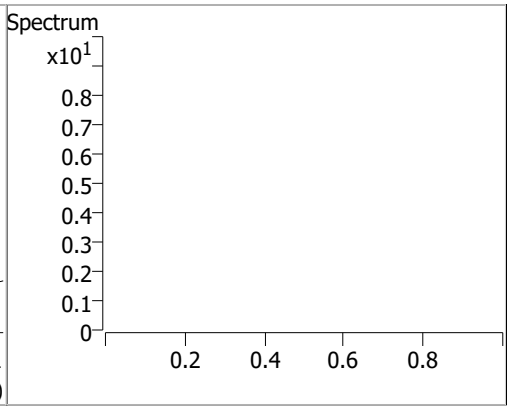




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0973	2.82	-0.01	30688 (m)				

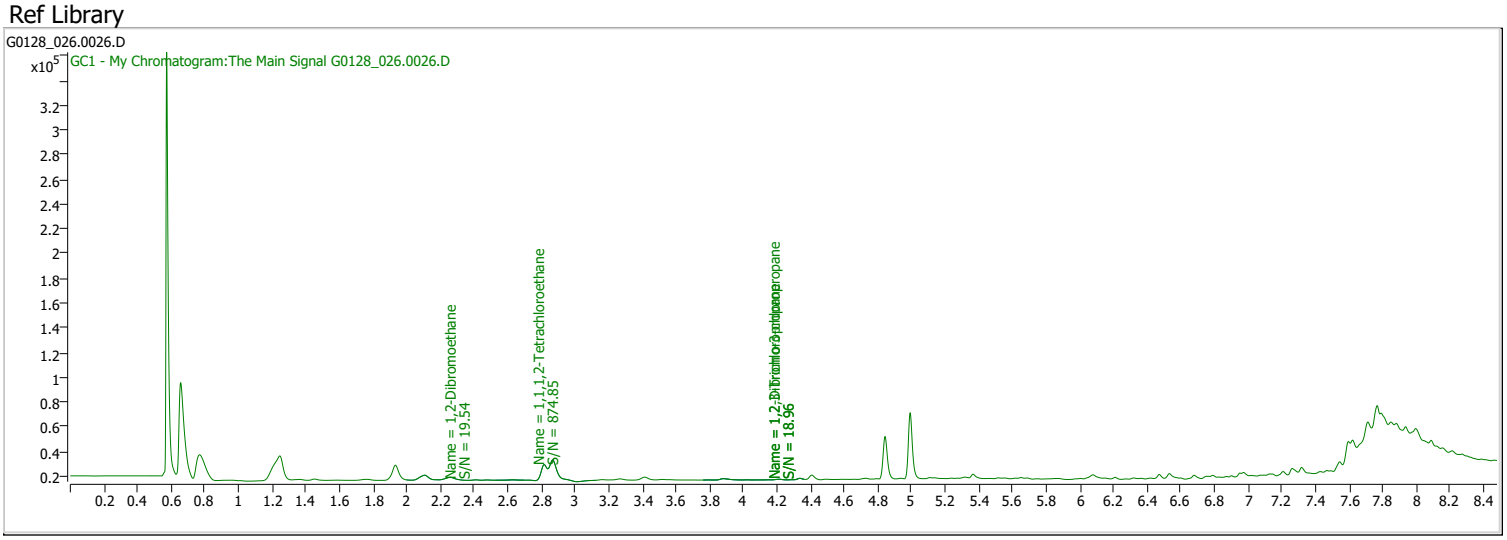






Quantitation Results Report (QT Reviewed)

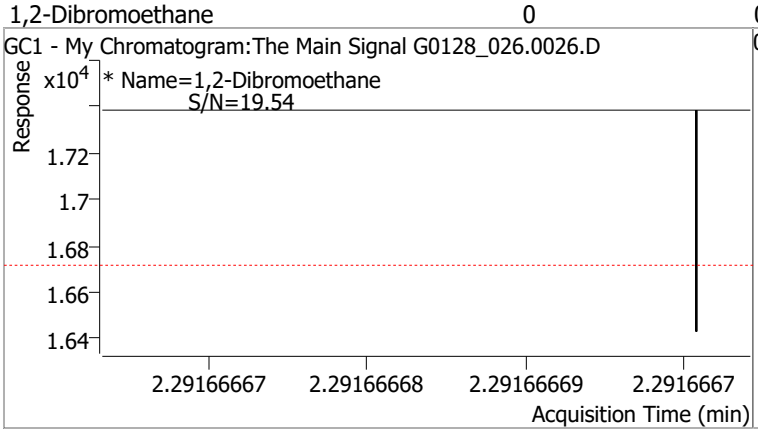
Data File	G0128_026.0026.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 6:19:14 PM
Sample Name	B22011592-017H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

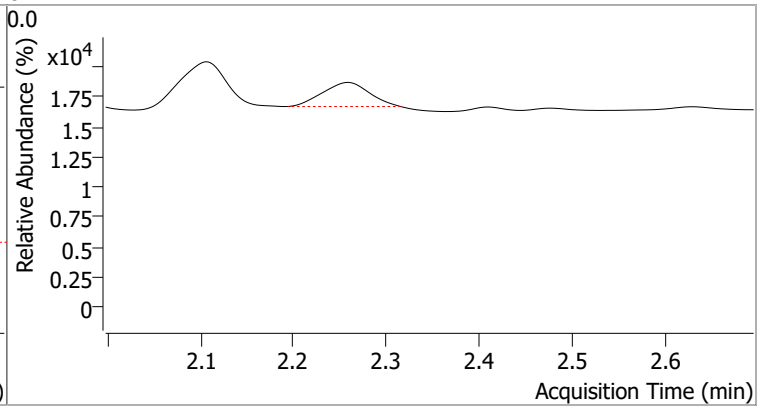


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.816	0.0	31048	0.0983	µg/L		-0.009
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 98.33%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.292	0.0	0		µg/L	md	1

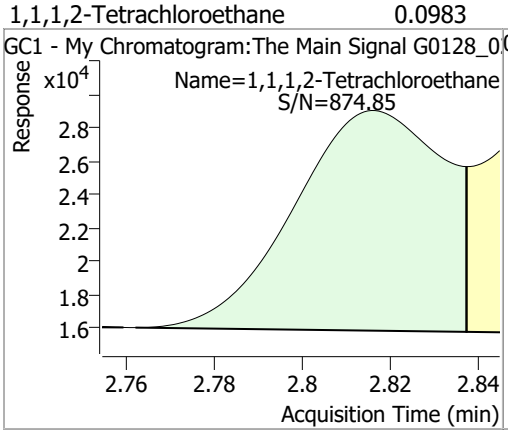
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

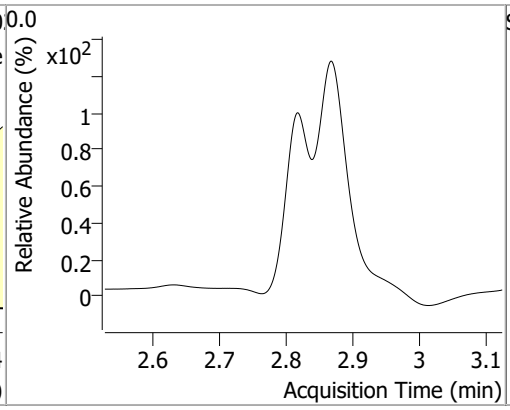
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

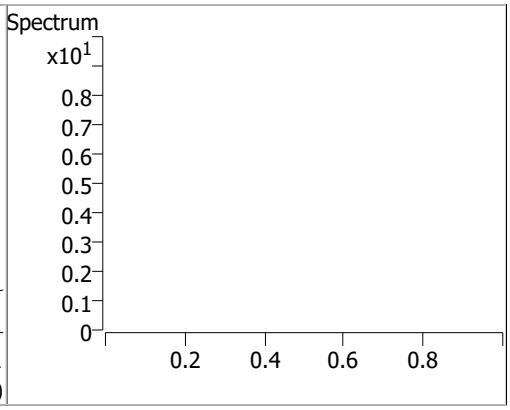




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0983	2.82	-0.01	31048				

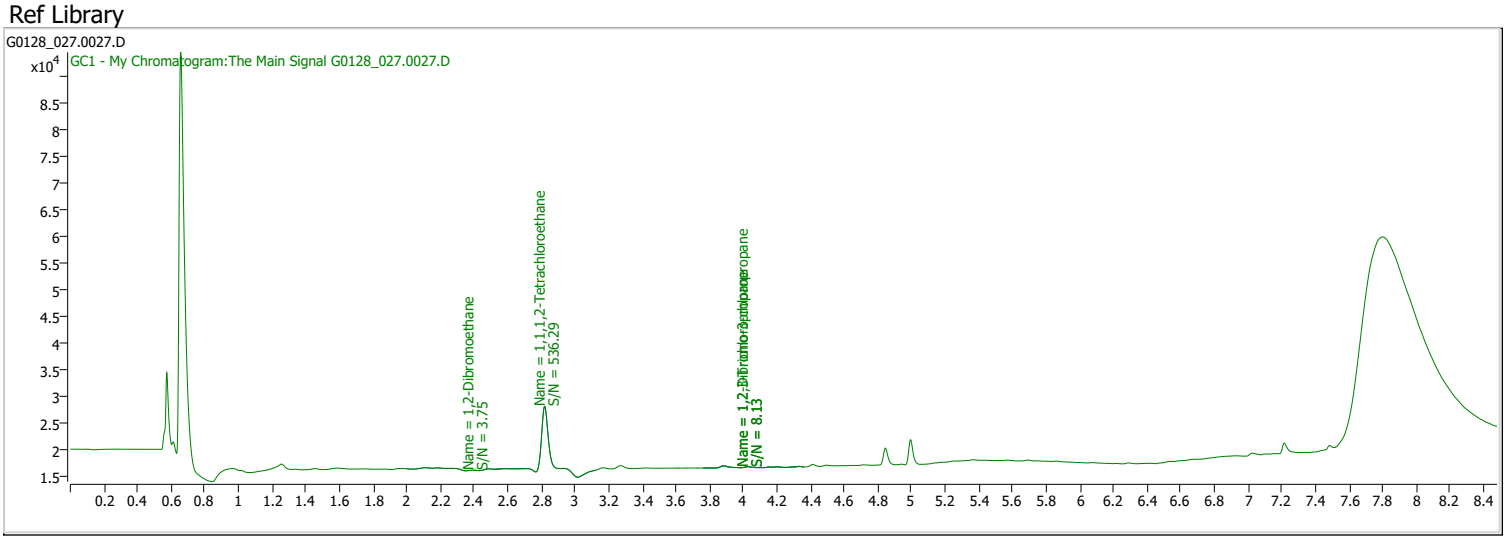






Quantitation Results Report (QT Reviewed)

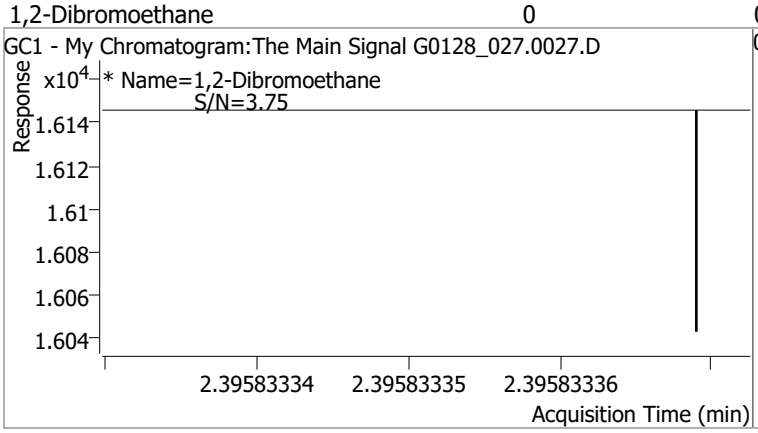
Data File	G0128_027.0027.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 6:39:05 PM
Sample Name	B22011592-020A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

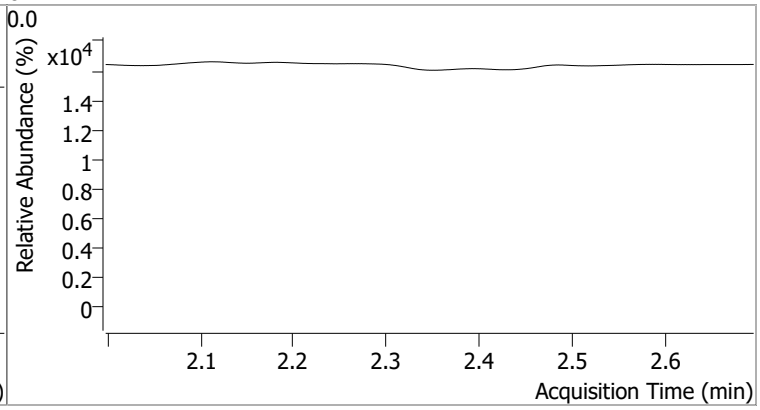


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.819	0.0	30450	0.0967	µg/L		-0.006
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 96.66%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.396	0.0	0		µg/L	md	1

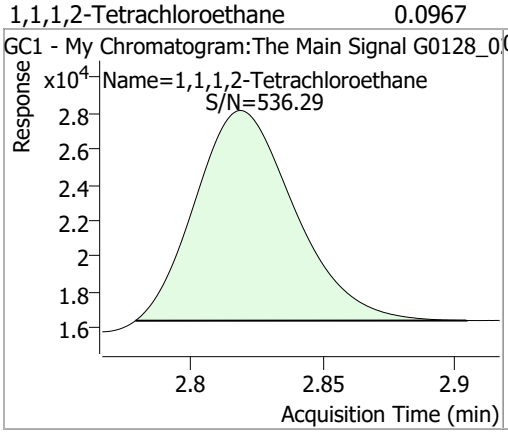
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

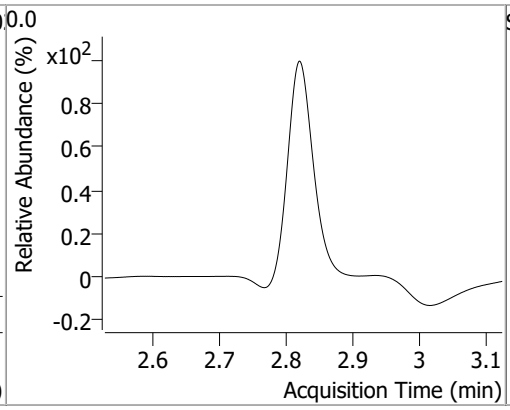
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

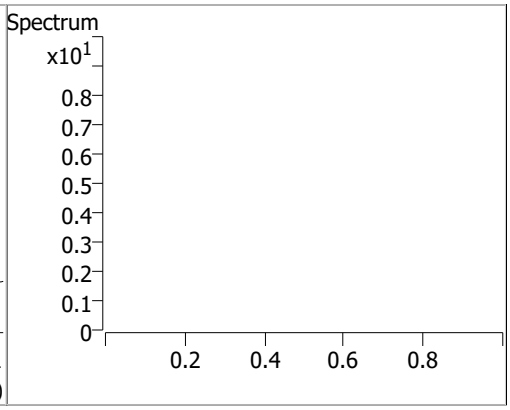




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0967	2.82	-0.01	30450				

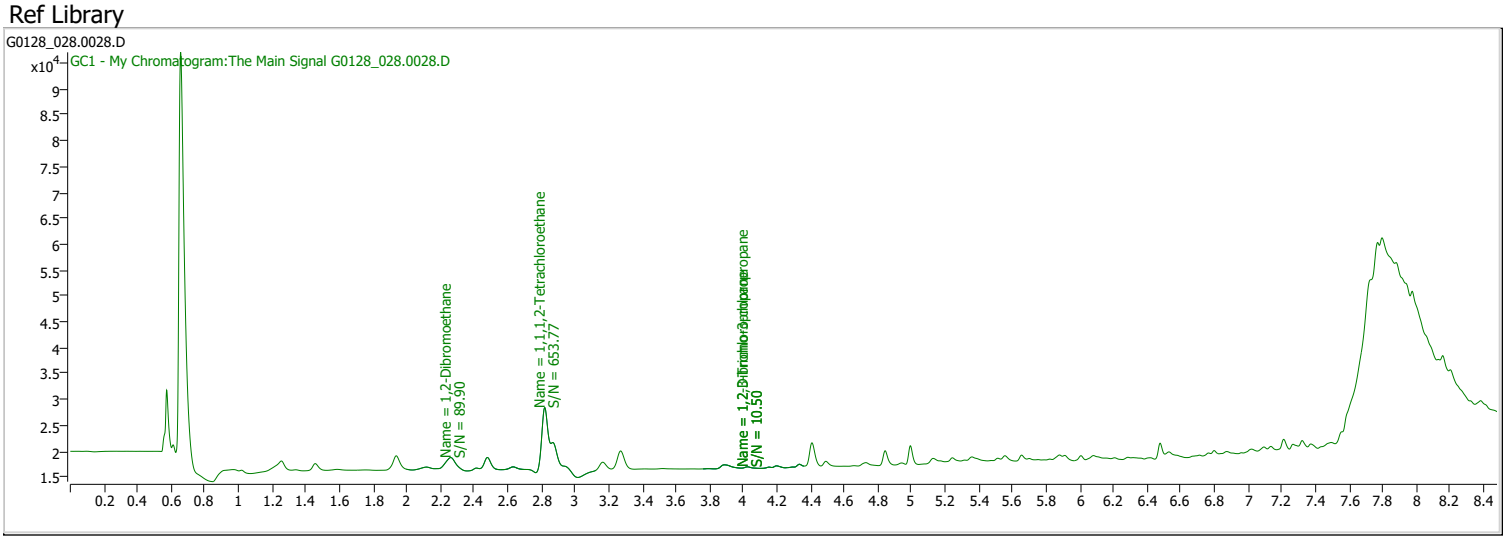






Quantitation Results Report (QT Reviewed)

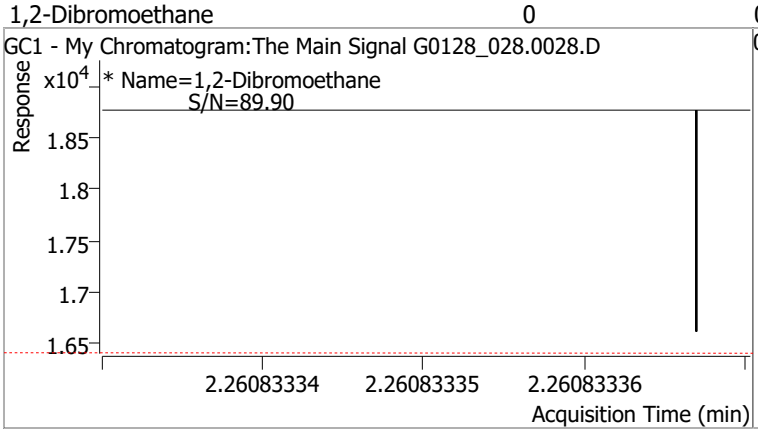
Data File	G0128_028.0028.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 6:58:46 PM
Sample Name	B22011592-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

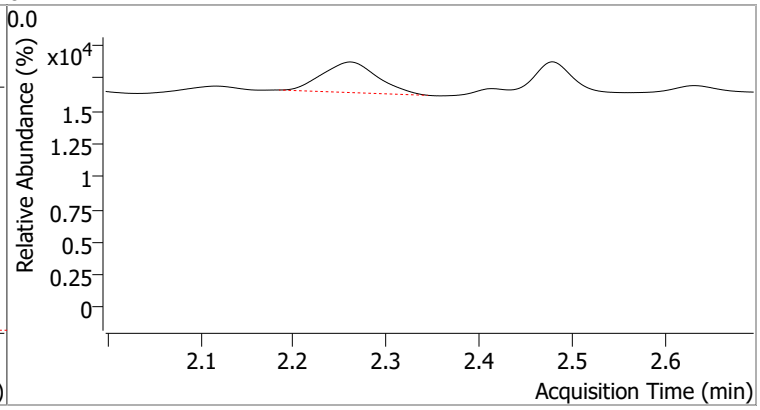


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.819	0.0	29439	0.0939	µg/L	m	-0.006
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 93.86%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.261	0.0	0		µg/L	md	1

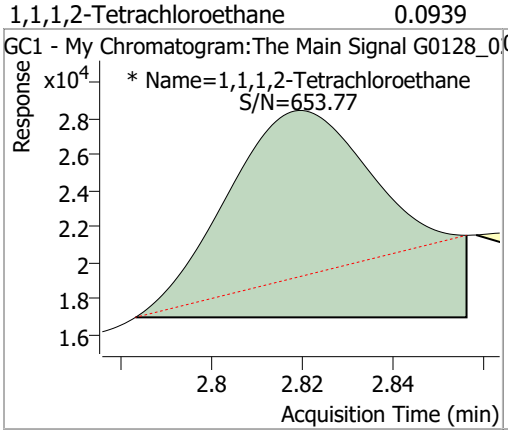
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

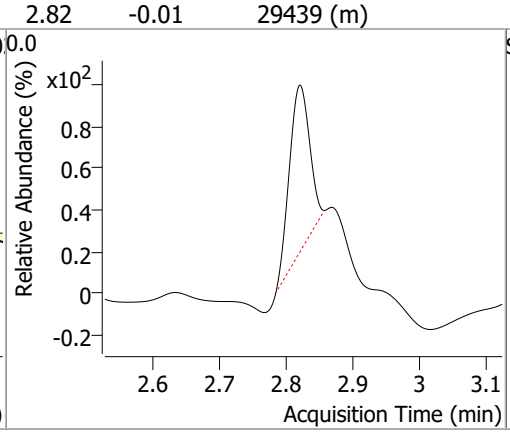
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

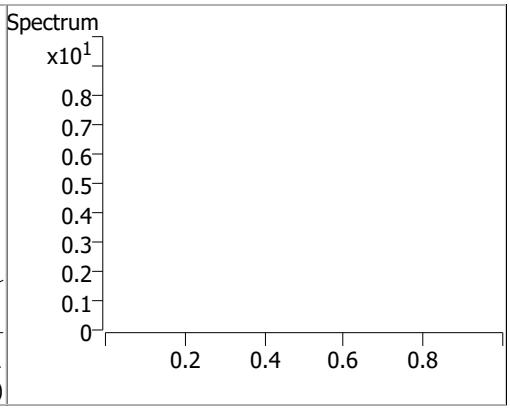




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0939	2.82	-0.01	29439 (m)				

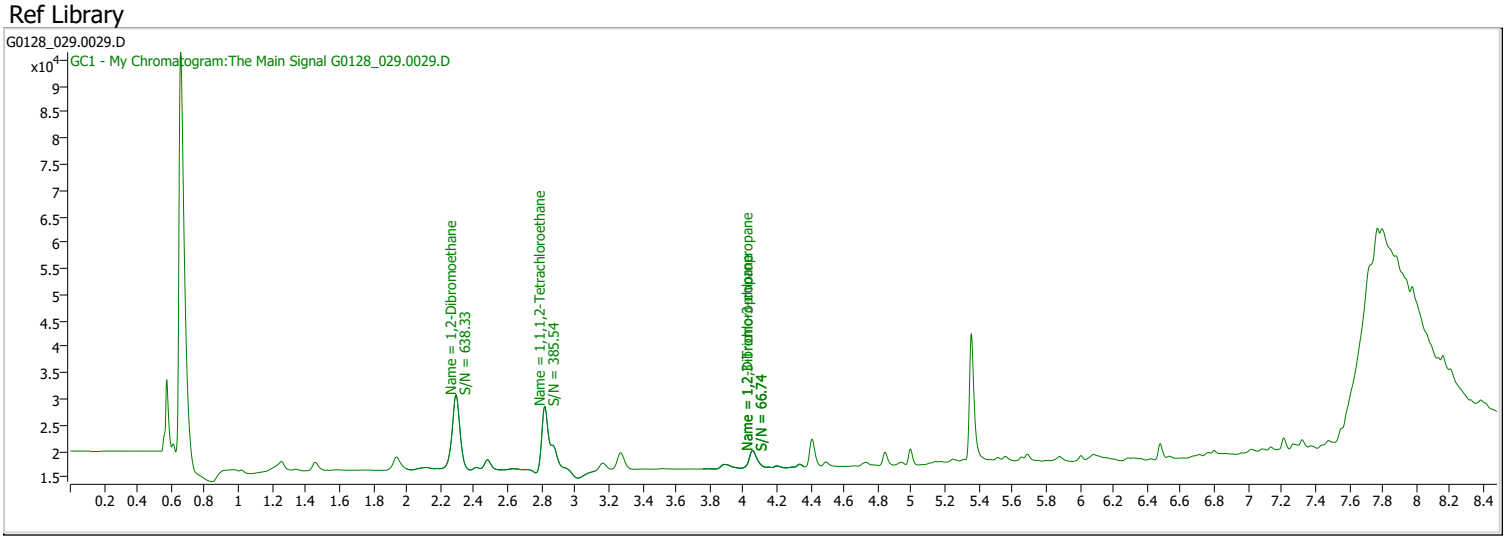






Quantitation Results Report (QT Reviewed)

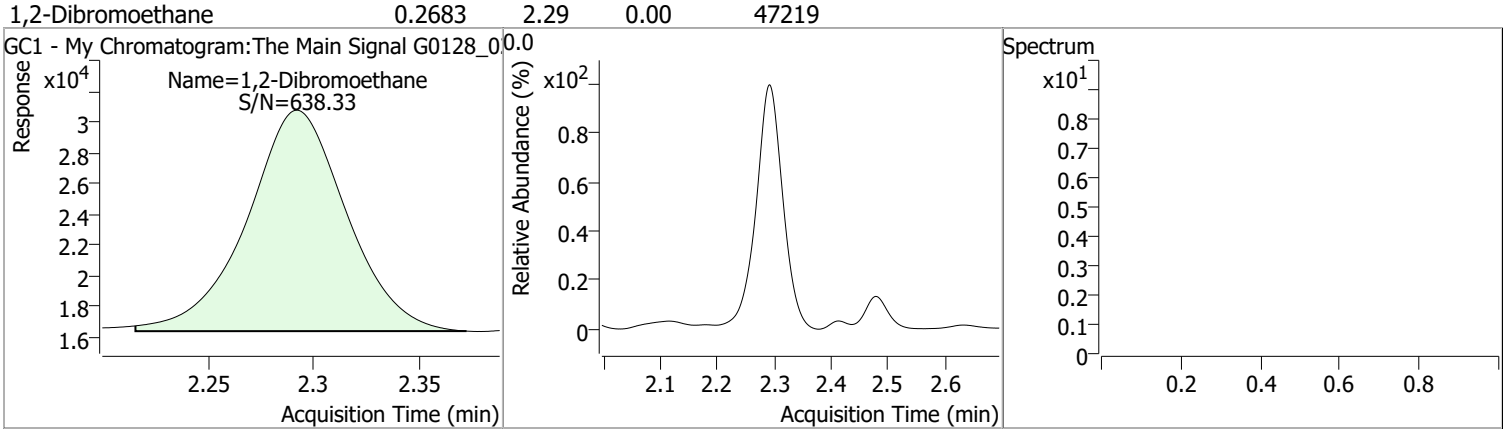
Data File	G0128_029.0029.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 7:18:35 PM
Sample Name	B22011592-001HMS	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



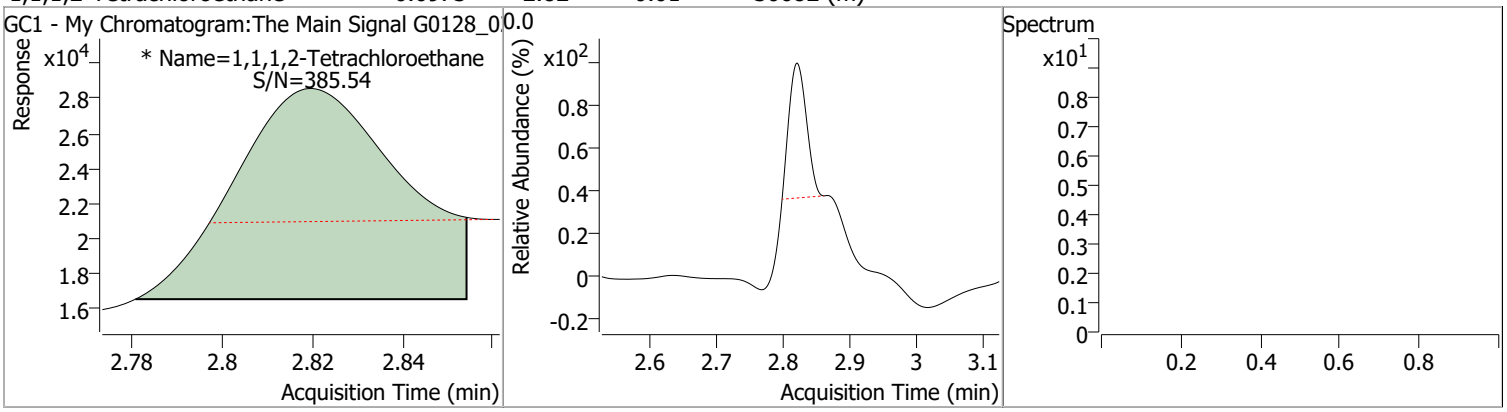
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.820	0.0	30682	0.0973	µg/L	m	-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 97.31%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.293	0.0	47219	0.2683	µg/L		100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2683	2.29	0.00	47219				

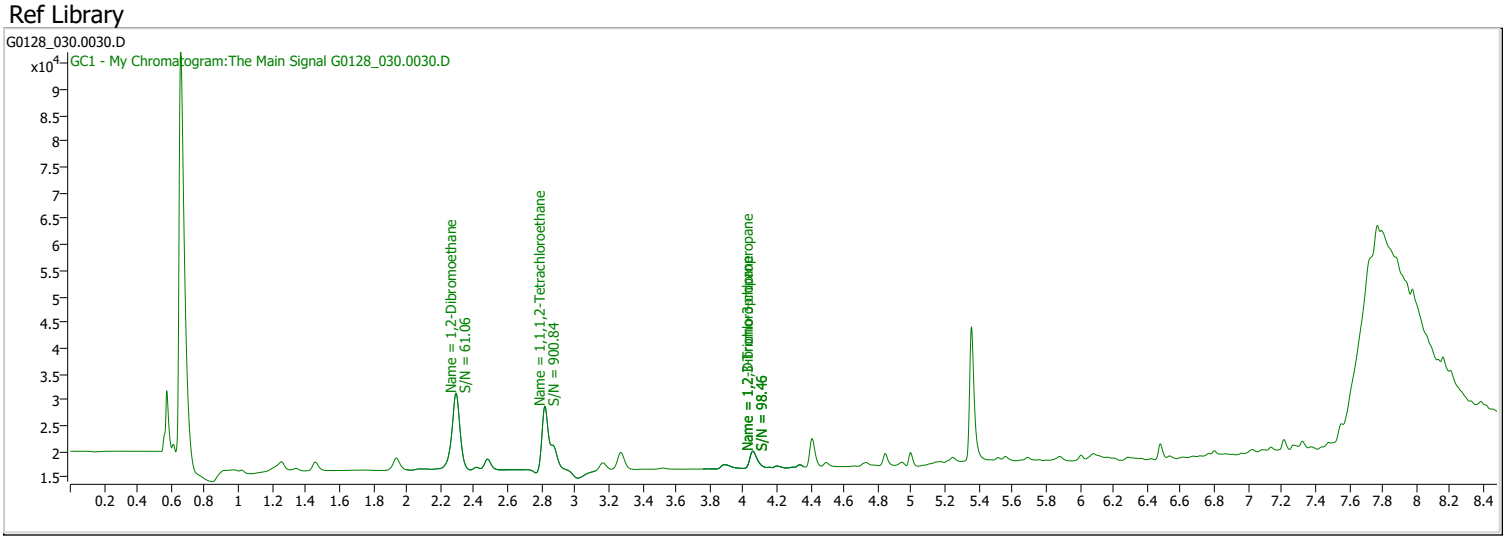


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0973	2.82	-0.01	30682 (m)				



Quantitation Results Report (QT Reviewed)

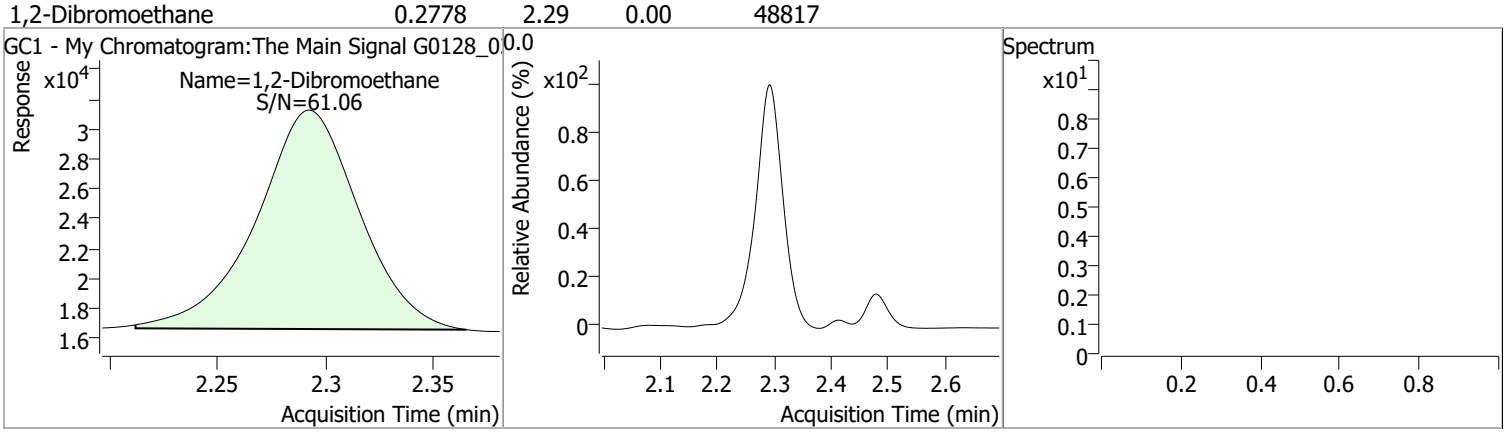
Data File	G0128_030.0030.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 7:38:23 PM
Sample Name	B22011592-001HMSD	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



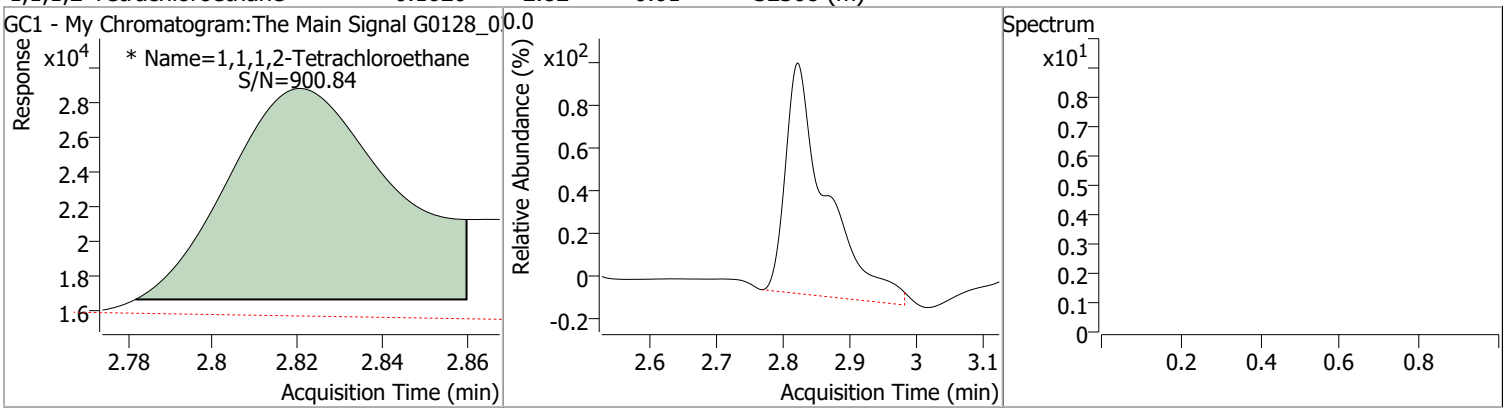
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.820	0.0	32368	0.1020	µg/L	m	-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 101.98%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.293	0.0	48817	0.2778	µg/L		100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2778	2.29	0.00	48817				

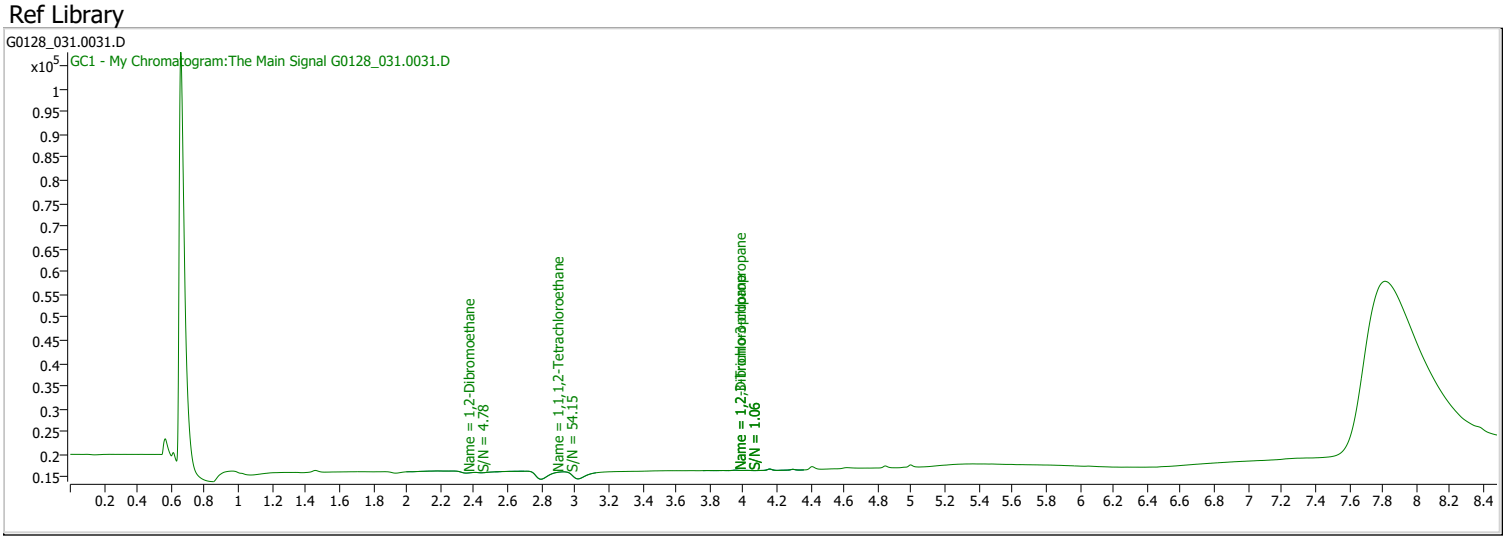


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1020	2.82	-0.01	32368 (m)				



Quantitation Results Report (QT Reviewed)

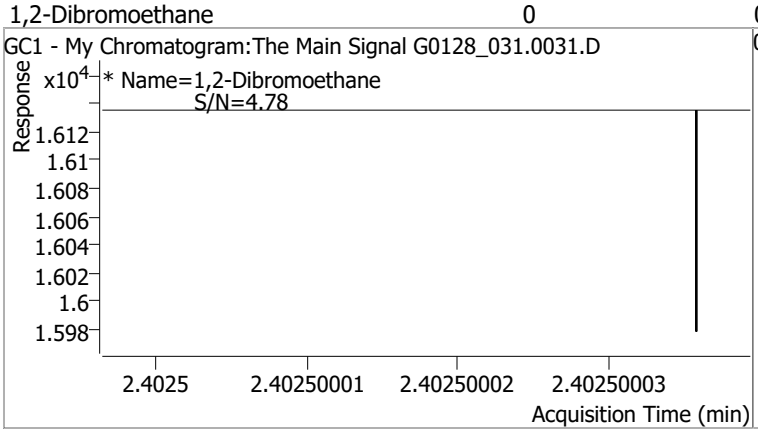
Data File	G0128_031.0031.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 7:58:19 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

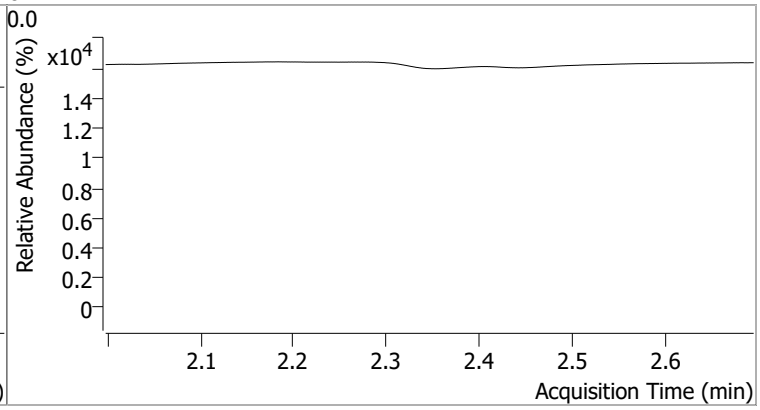


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.931	0.0	0		µg/L	md	0.106
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.403	0.0	0		µg/L	md	1

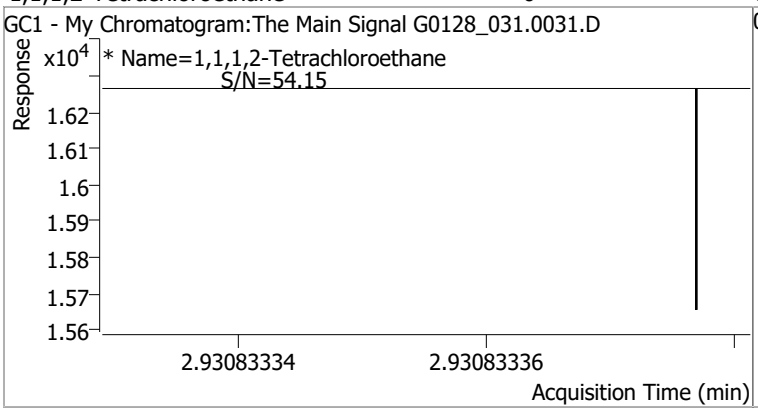
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

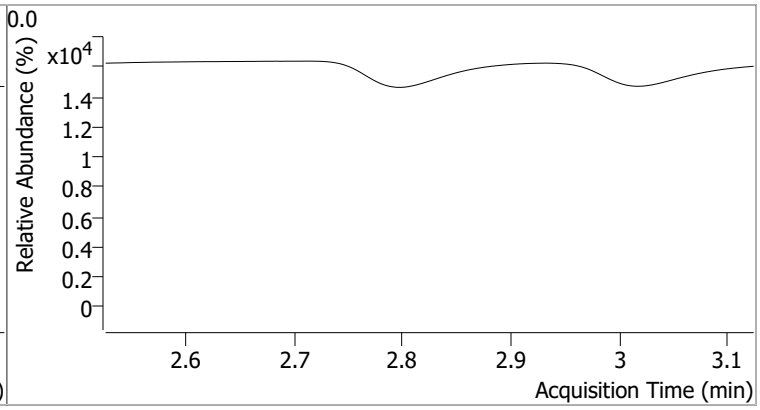
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





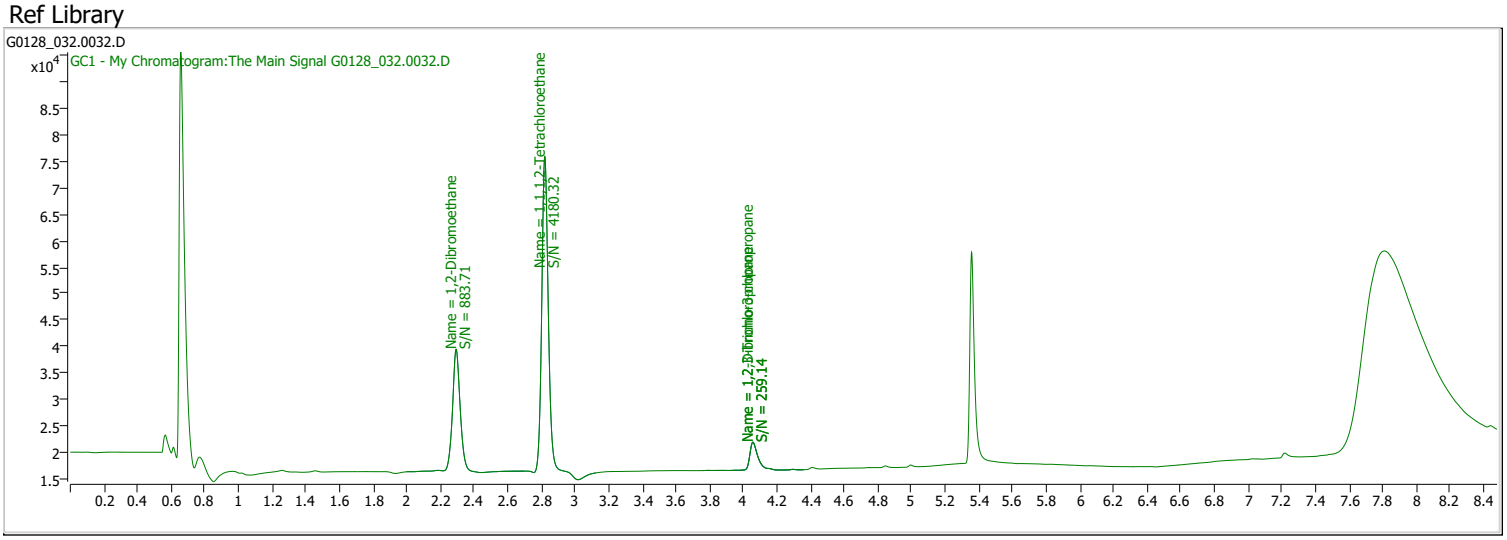
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

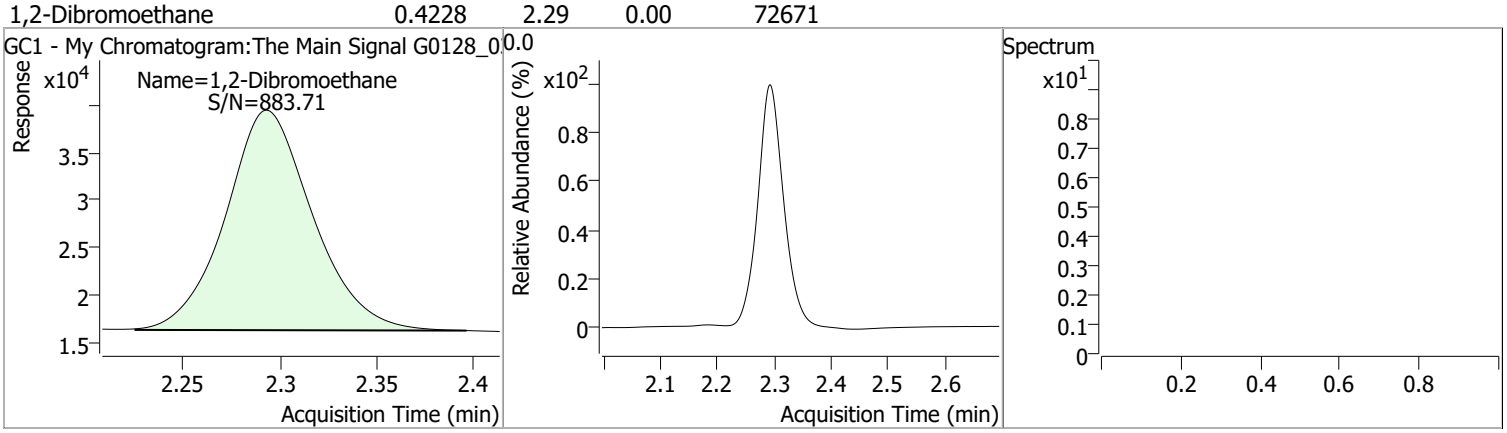
Data File	G0128_032.0032.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 8:18:04 PM
Sample Name	CAL5-163331	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



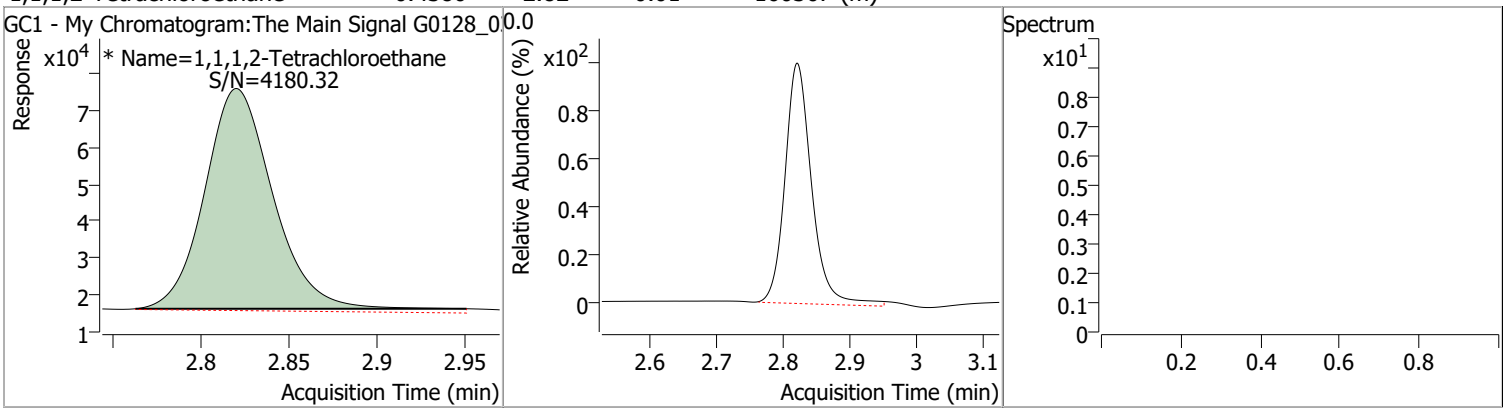
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.820	0.0	160307	0.4380	µg/L	m	-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 438.04%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.293	0.0	72671	0.4228	µg/L		100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.4228	2.29	0.00	72671				

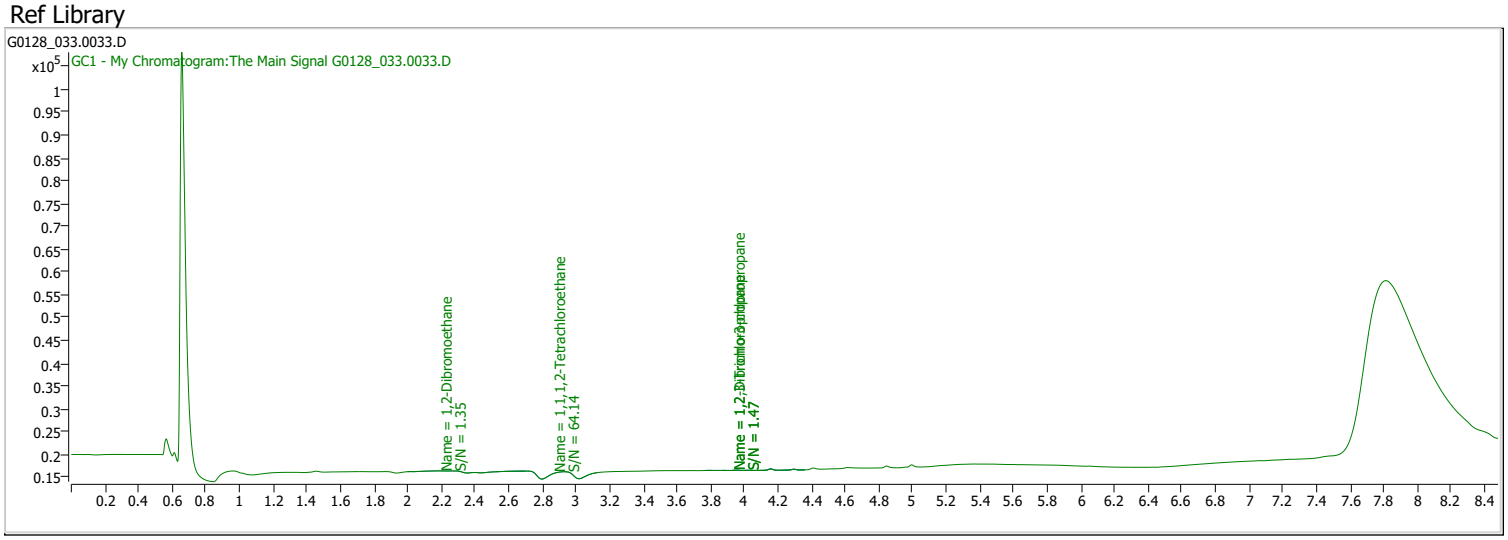


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4380	2.82	-0.01	160307 (m)				



Quantitation Results Report (QT Reviewed)

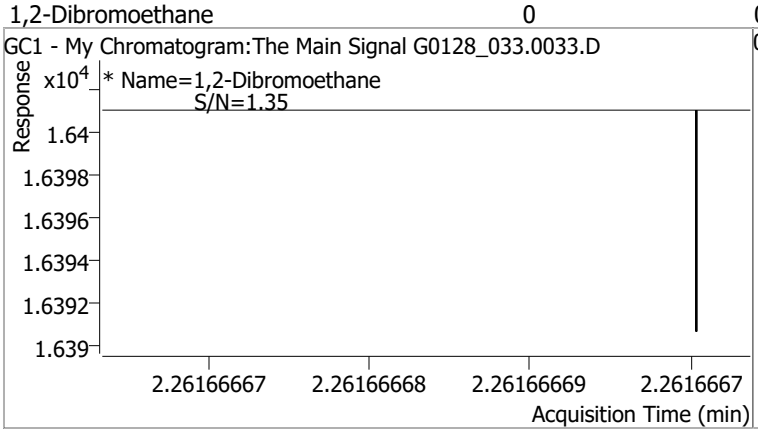
Data File	G0128_033.0033.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 8:37:40 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

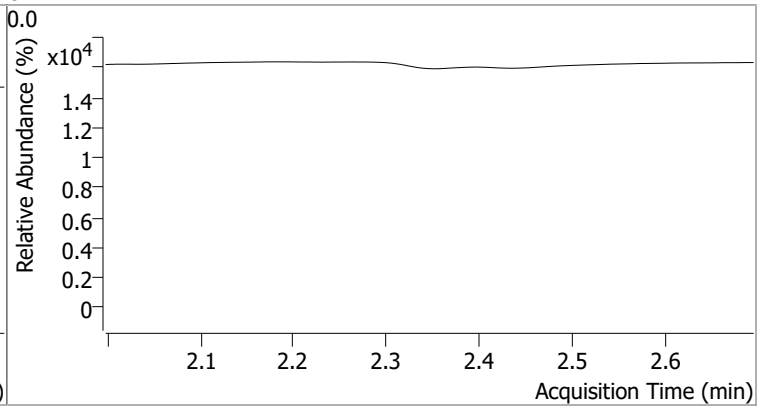


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.936	0.0	0		µg/L	md	0.111
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.262	0.0	0		µg/L	md	1

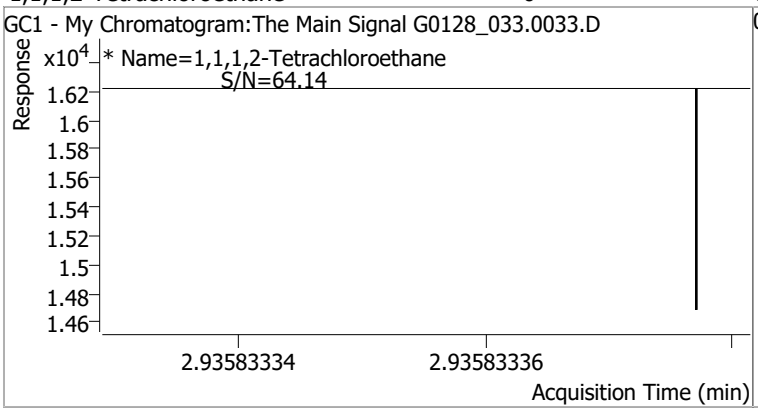
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

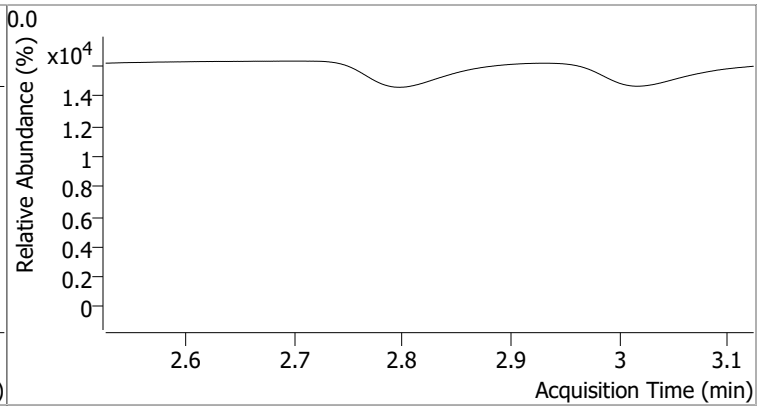
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





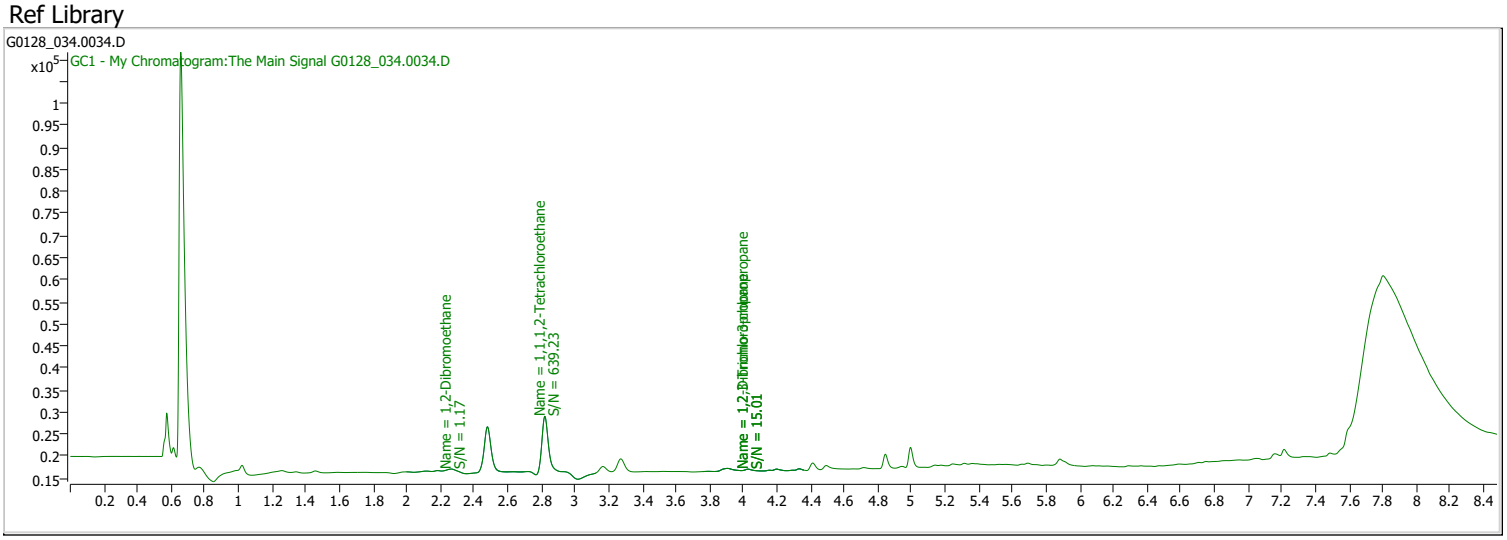
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

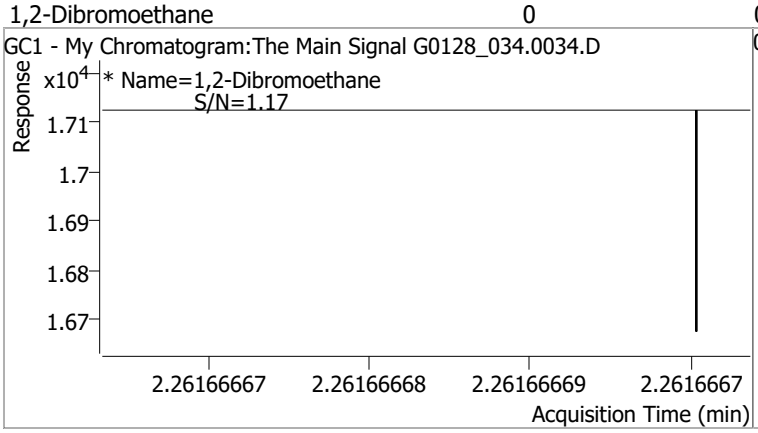
Data File	G0128_034.0034.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 8:57:30 PM
Sample Name	B22011592-022H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

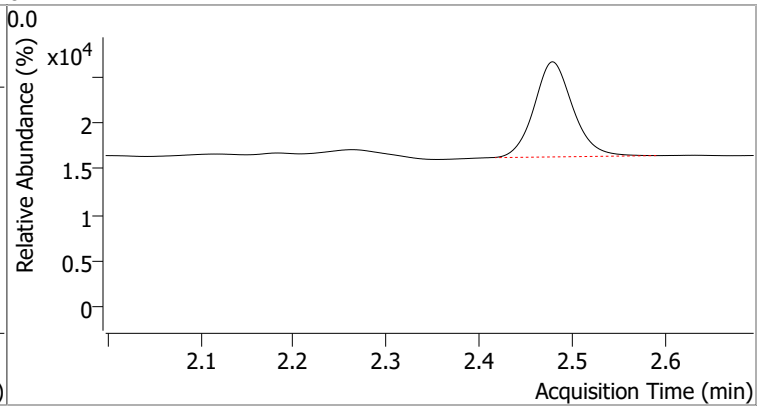


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.820	0.0	33023	0.1038	µg/L	m	-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 103.80%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.262	0.0	0		µg/L	md	1

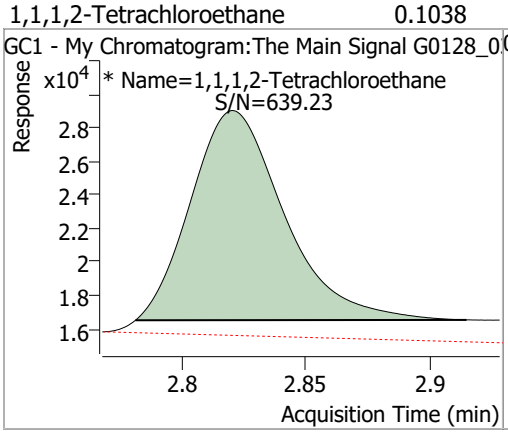
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

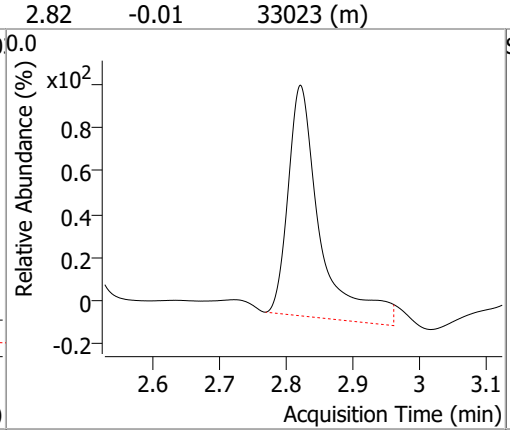
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

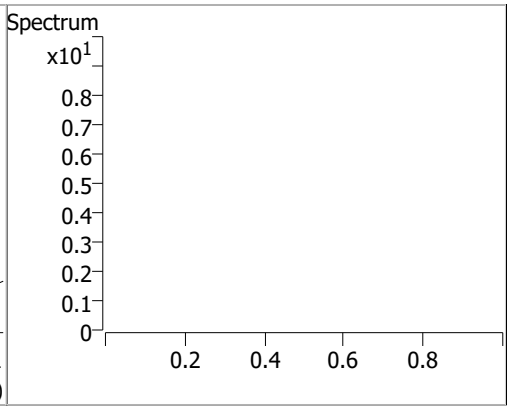




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1038	2.82	-0.01	33023 (m)				

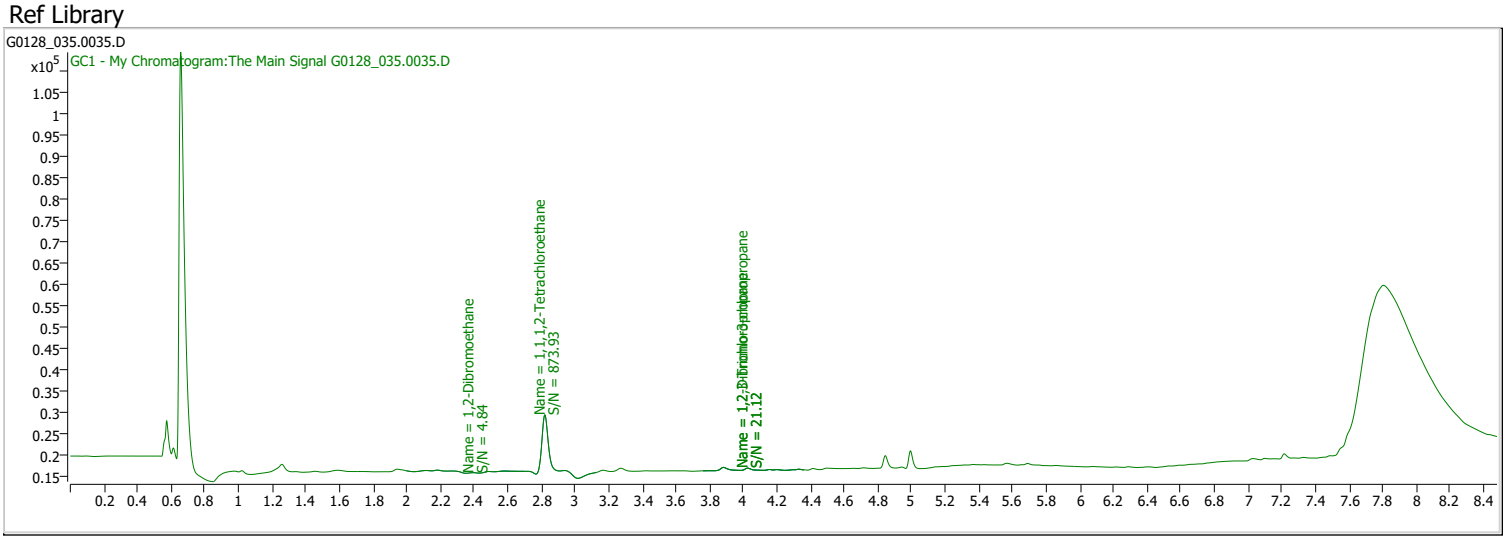






Quantitation Results Report (QT Reviewed)

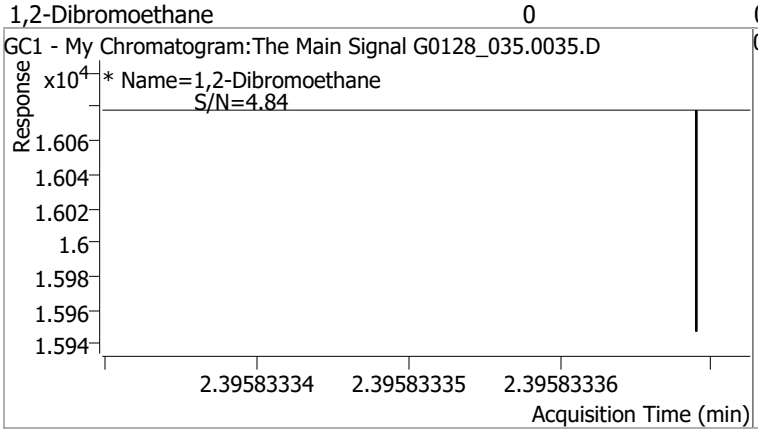
Data File	G0128_035.0035.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 9:17:12 PM
Sample Name	B22011592-025A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

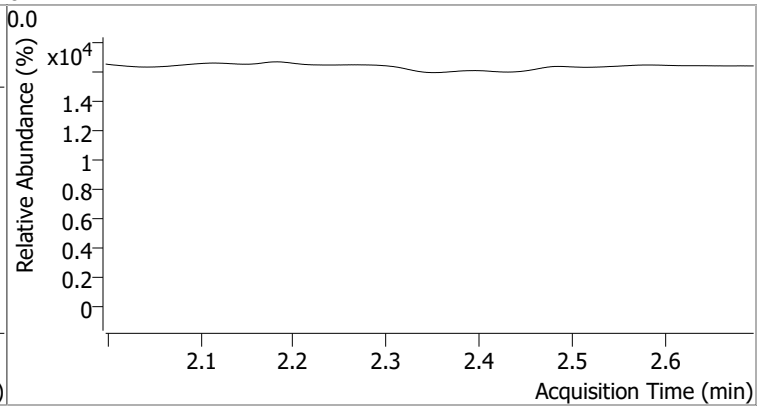


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.820	0.0	33188	0.1043	µg/L		-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 104.25%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.396	0.0	0		µg/L	md	1

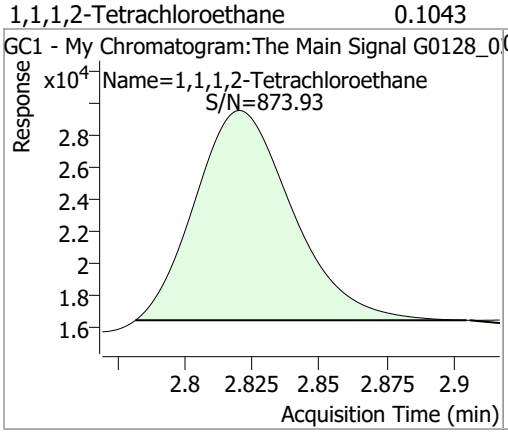
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

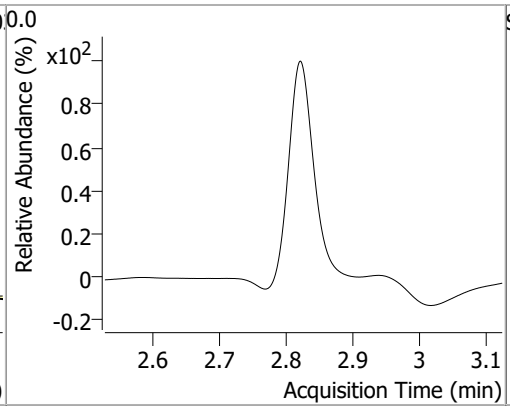
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

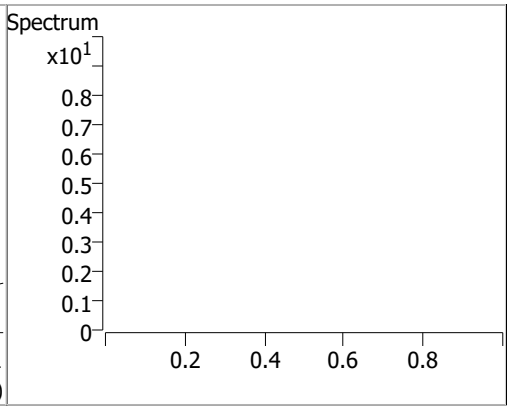




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1043	2.82	-0.01	33188				

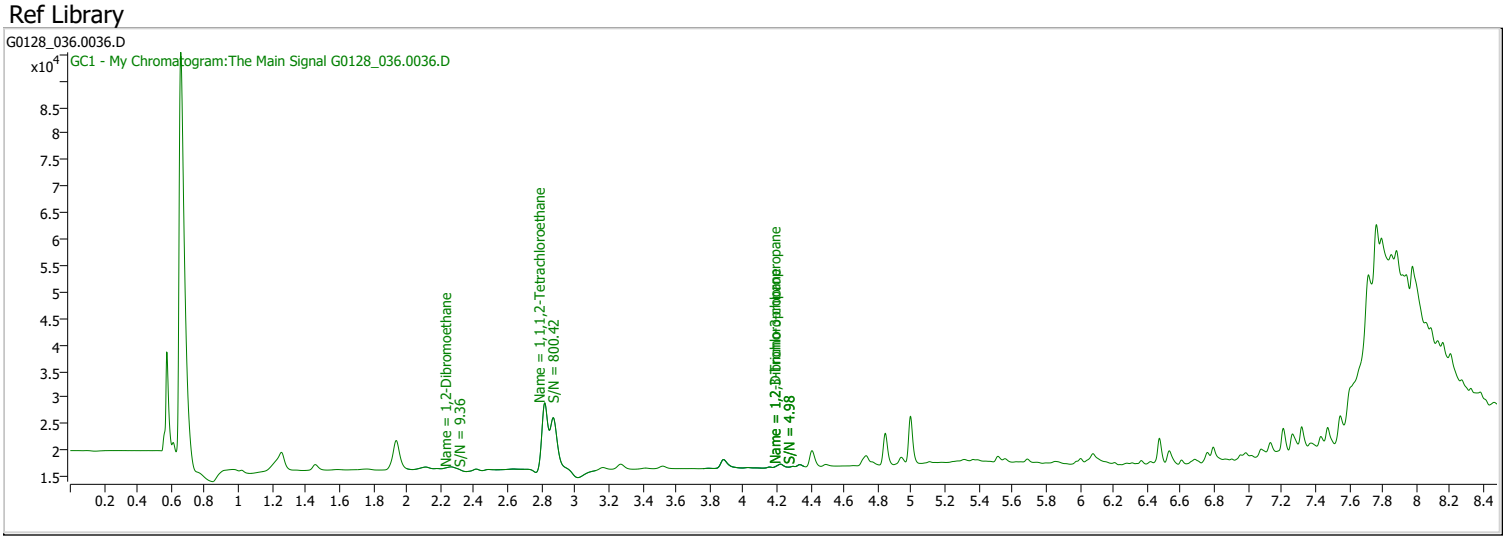






Quantitation Results Report (QT Reviewed)

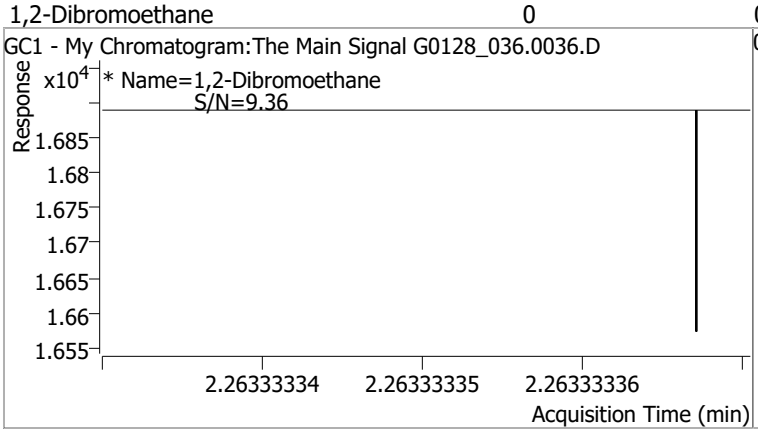
Data File	G0128_036.0036.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 9:37:08 PM
Sample Name	B22011592-027H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

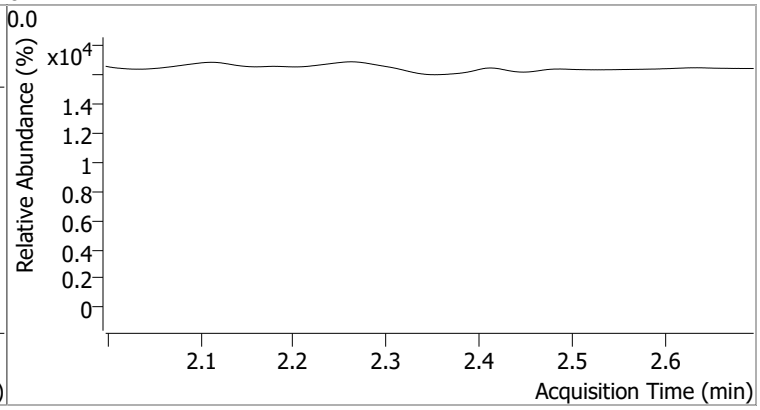


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.820	0.0	34161	0.1069	µg/L		-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 106.94%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.263	0.0	0		µg/L	md	1

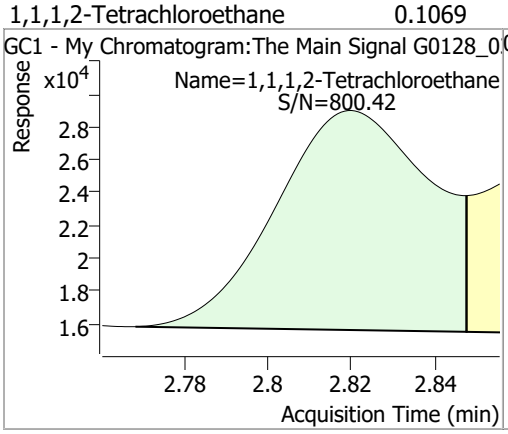
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

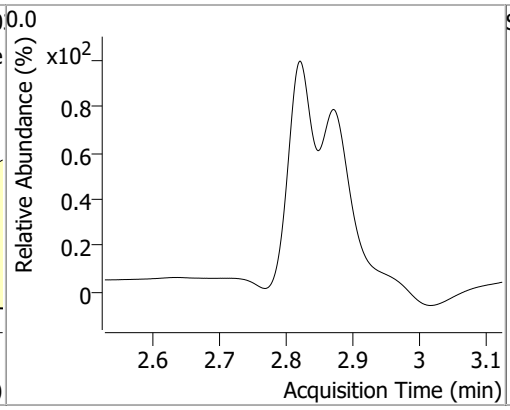
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

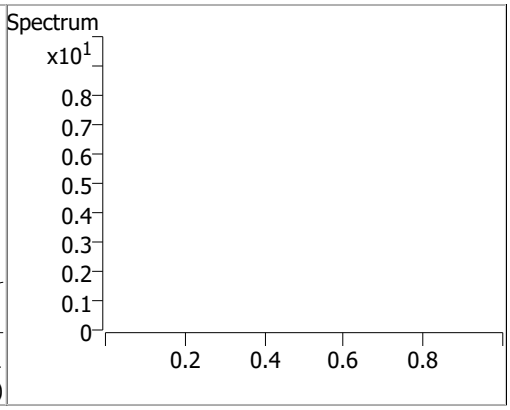




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1069	2.82	-0.01	34161				

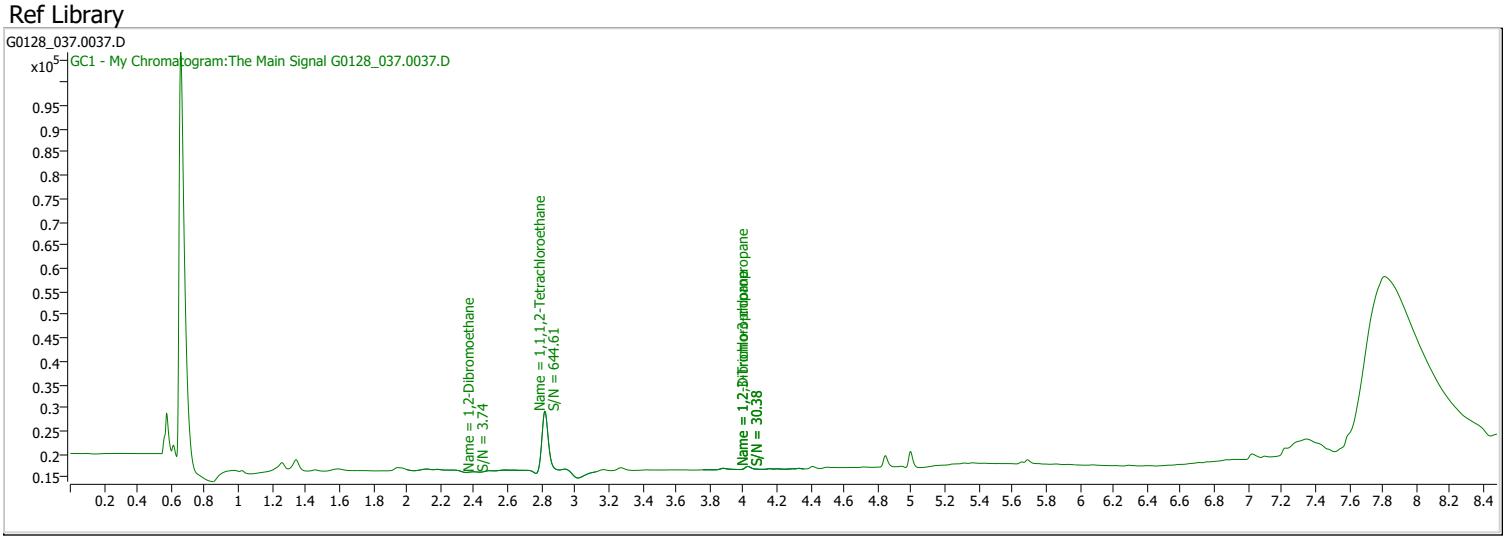






Quantitation Results Report (QT Reviewed)

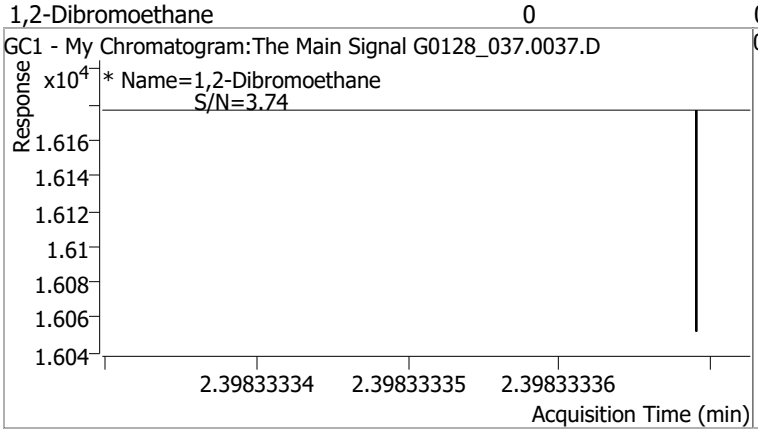
Data File	G0128_037.0037.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 9:56:56 PM
Sample Name	B22011592-030A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

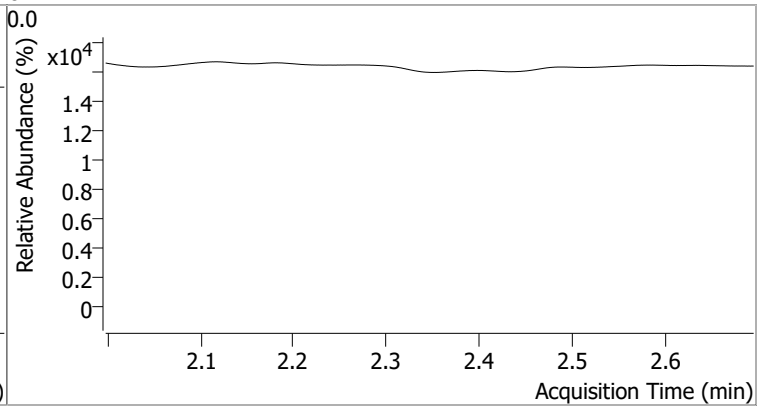


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.820	0.0	32905	0.1035	µg/L	m	-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 103.47%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.398	0.0	0		µg/L	md	1

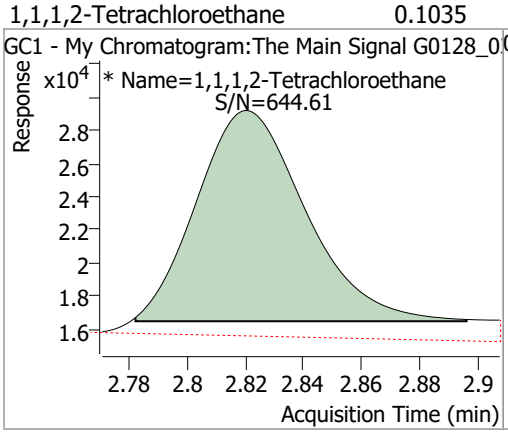
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

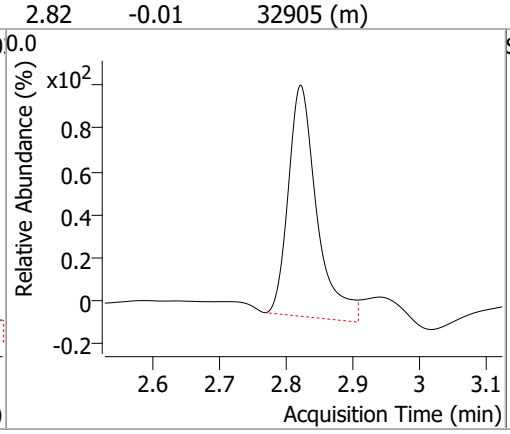
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

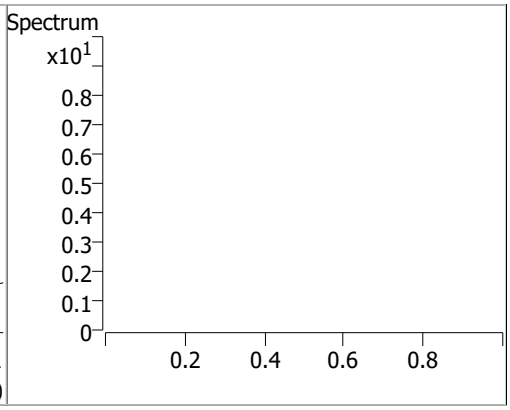




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1035	2.82	-0.01	32905 (m)				

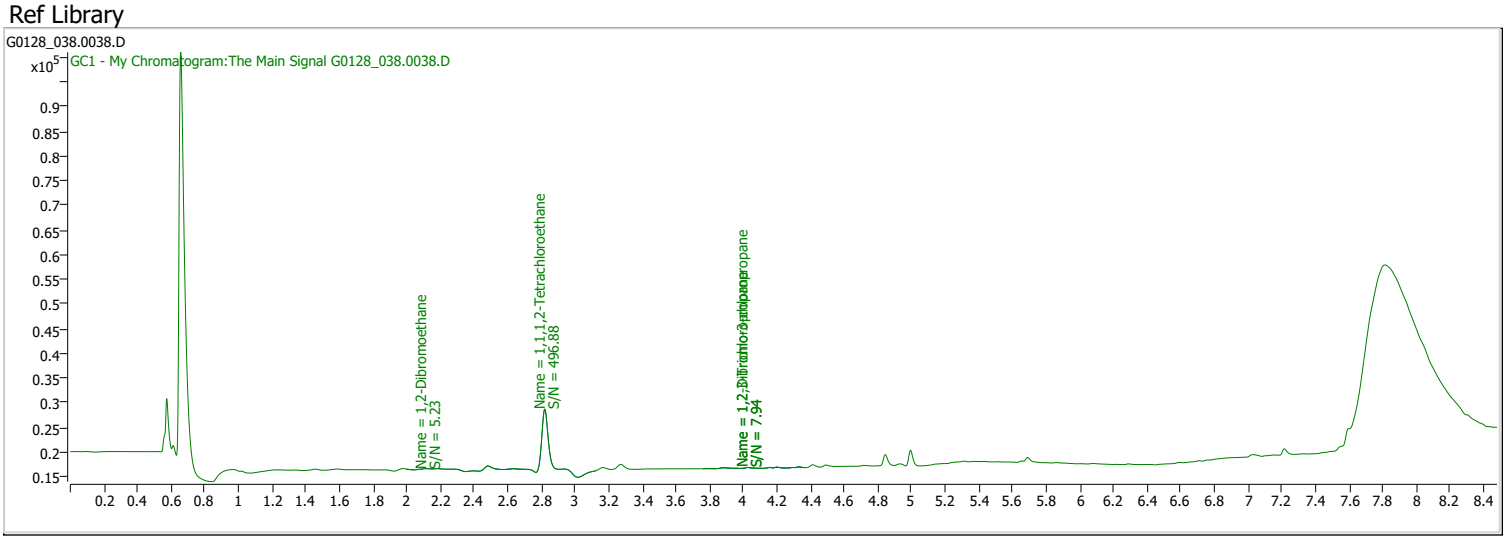






Quantitation Results Report (QT Reviewed)

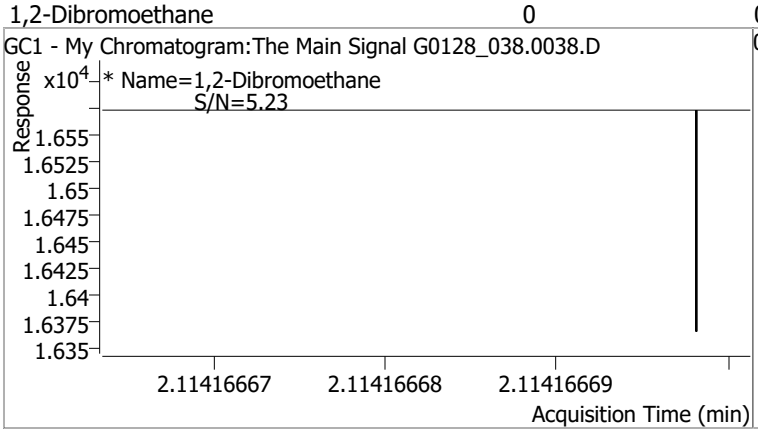
Data File	G0128_038.0038.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 10:16:47 PM
Sample Name	B22011717-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

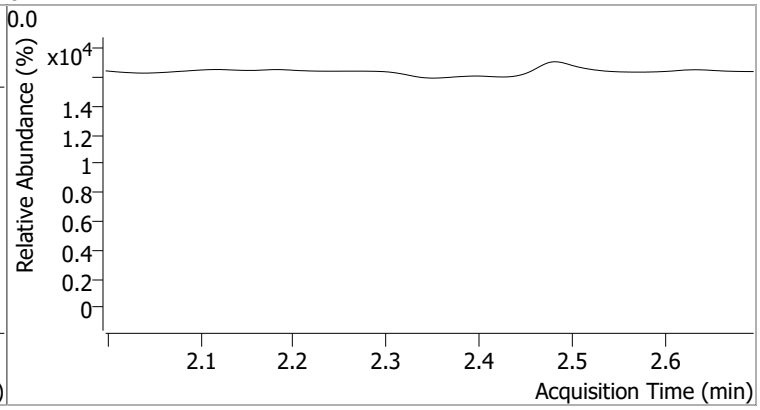


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.820	0.0	31176	0.0987	µg/L		-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 98.68%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.114	0.0	0		µg/L	md	1

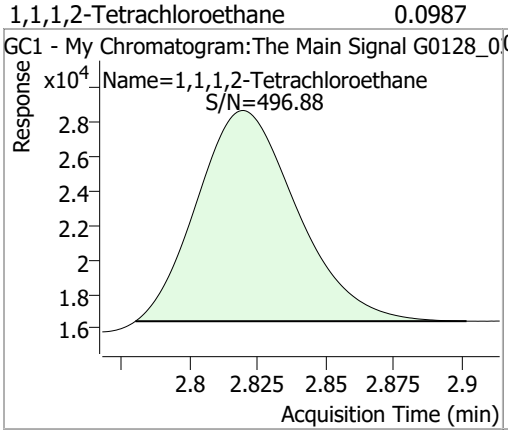
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

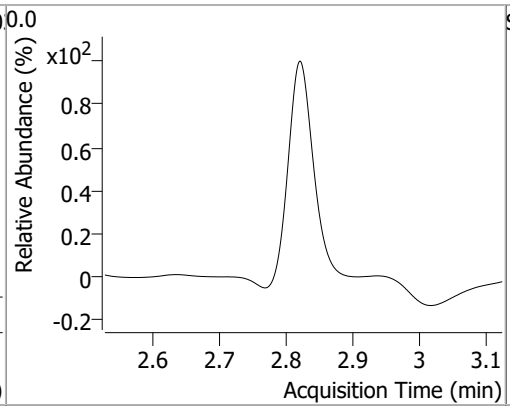
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

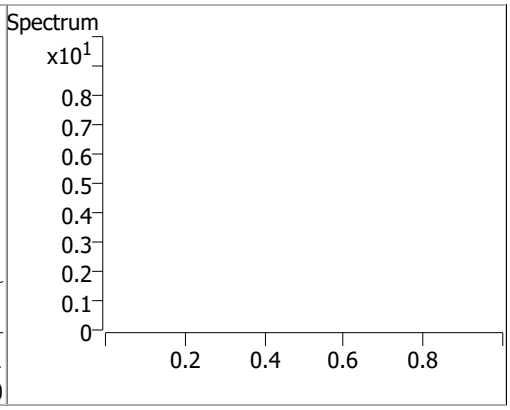




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0987	2.82	-0.01	31176				

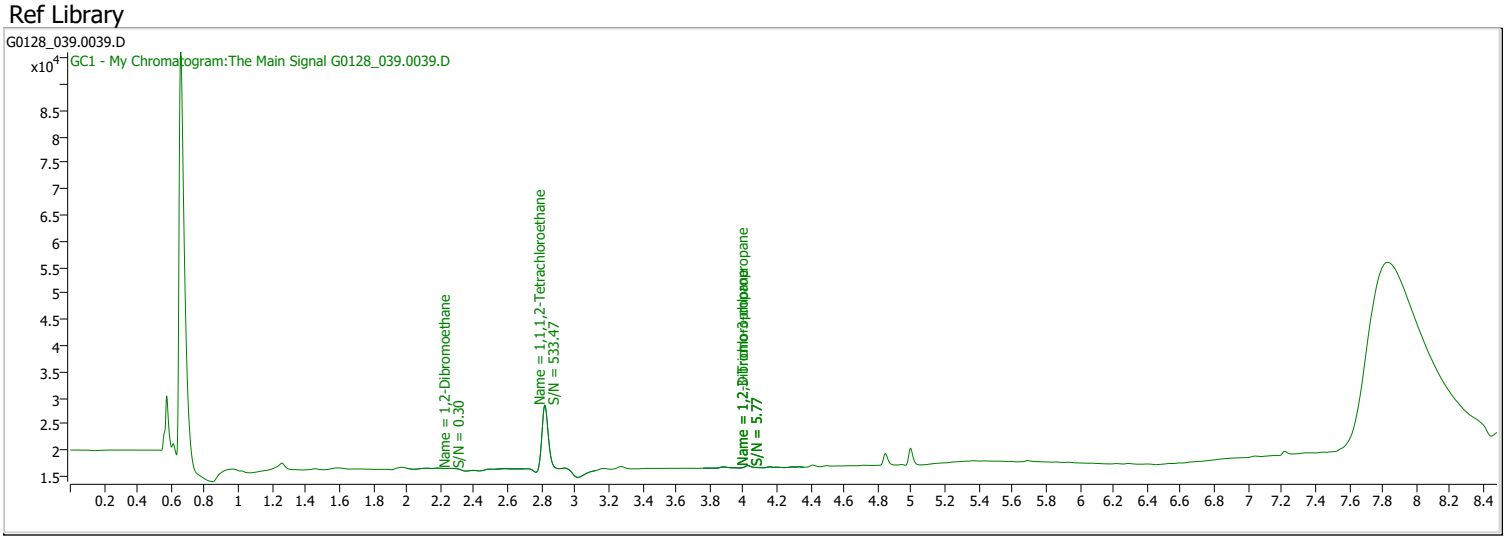






Quantitation Results Report (QT Reviewed)

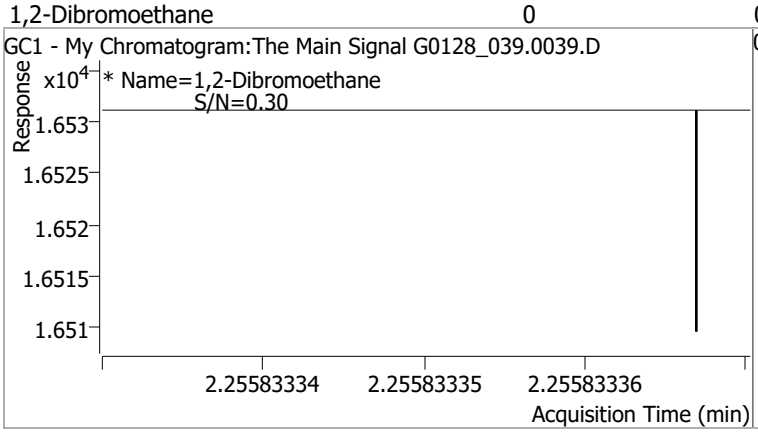
Data File	G0128_039.0039.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 10:36:36 PM
Sample Name	B22011717-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

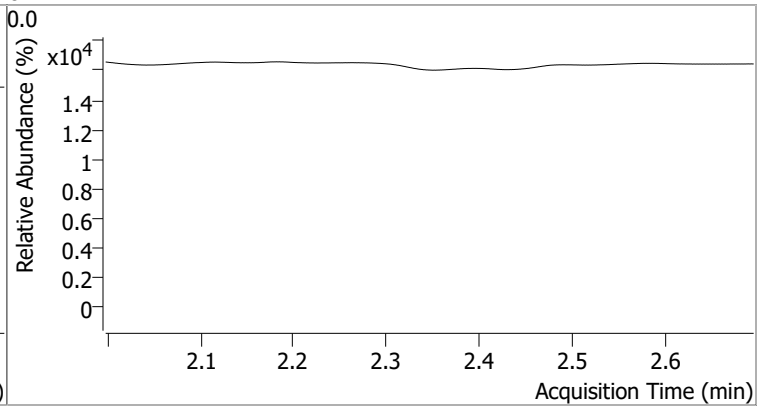


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.820	0.0	31411	0.0993	µg/L	m	-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 99.33%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.256	0.0	0		µg/L	md	1

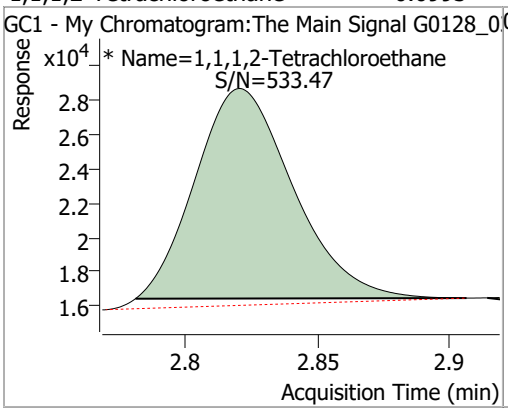
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

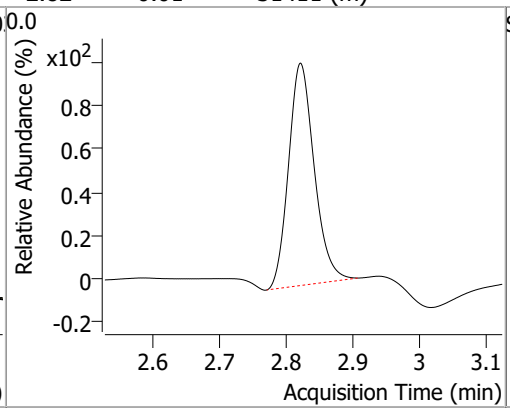
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

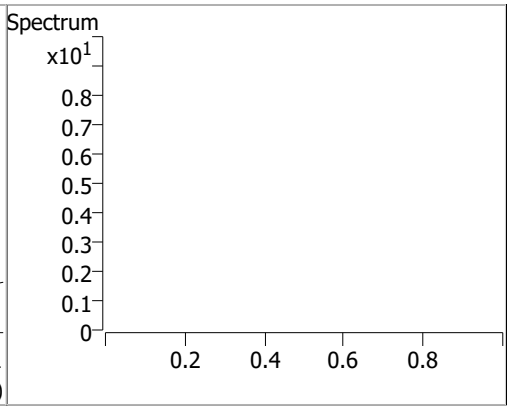




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0993	2.82	-0.01	31411 (m)				

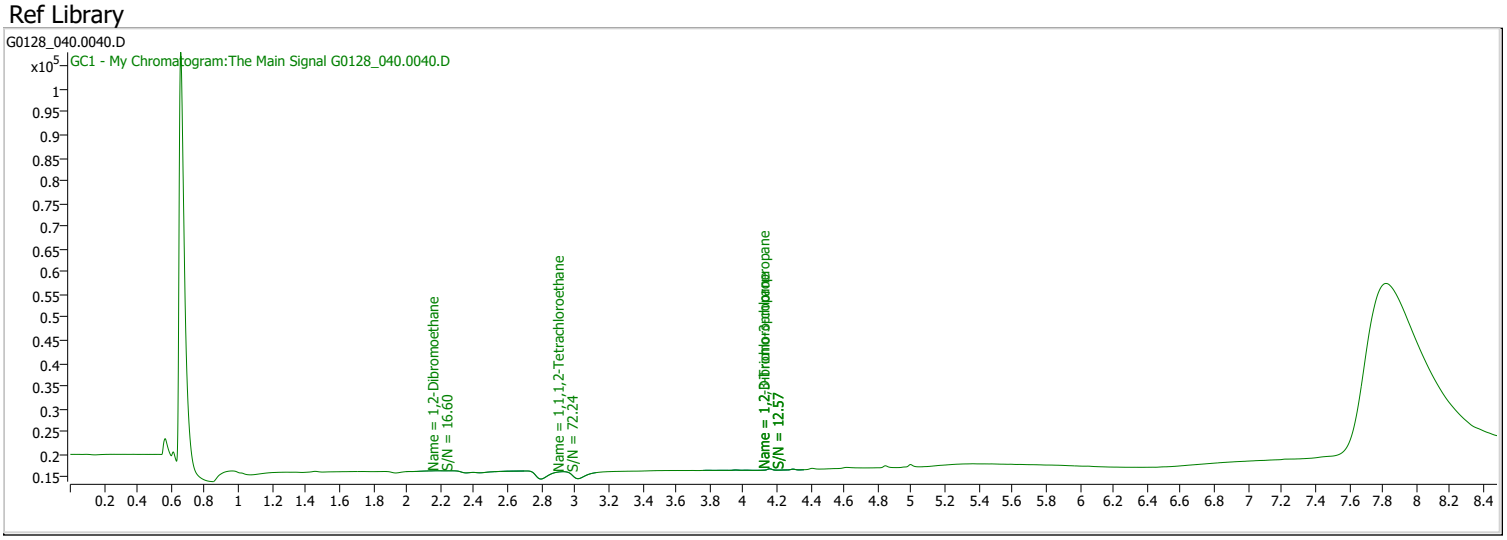






Quantitation Results Report (QT Reviewed)

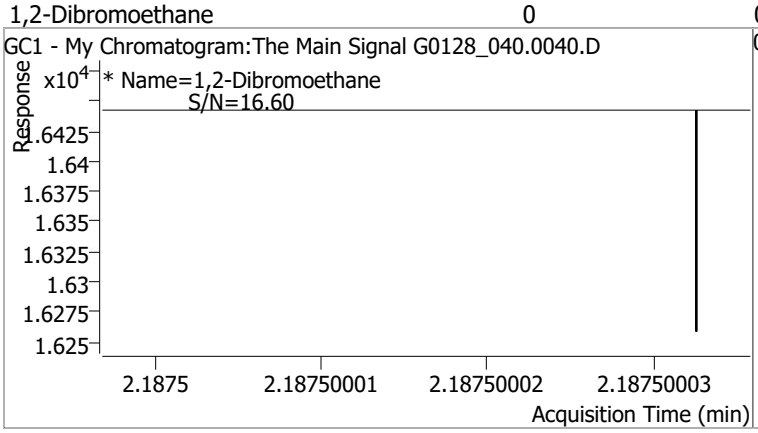
Data File	G0128_040.0040.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 10:56:25 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			

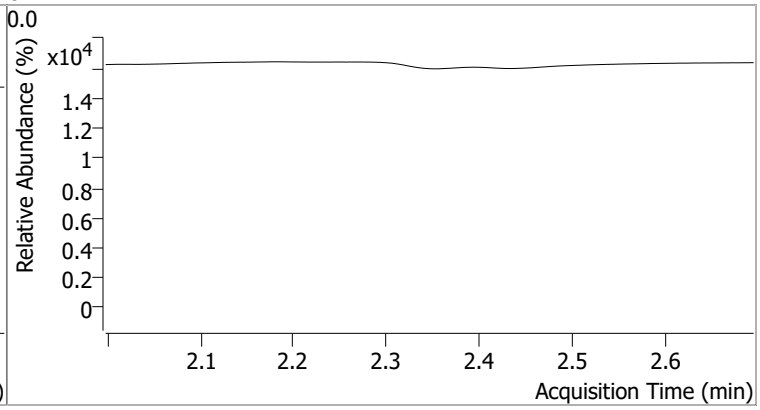


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.933	0.0	0		µg/L	md	0.107
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.188	0.0	0		µg/L	md	1

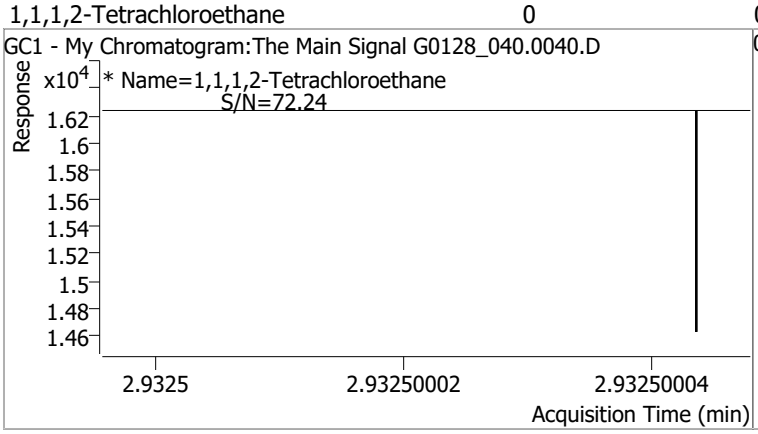
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

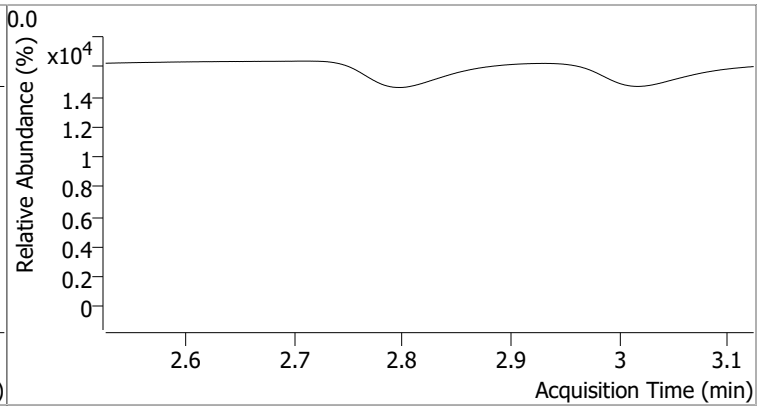
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





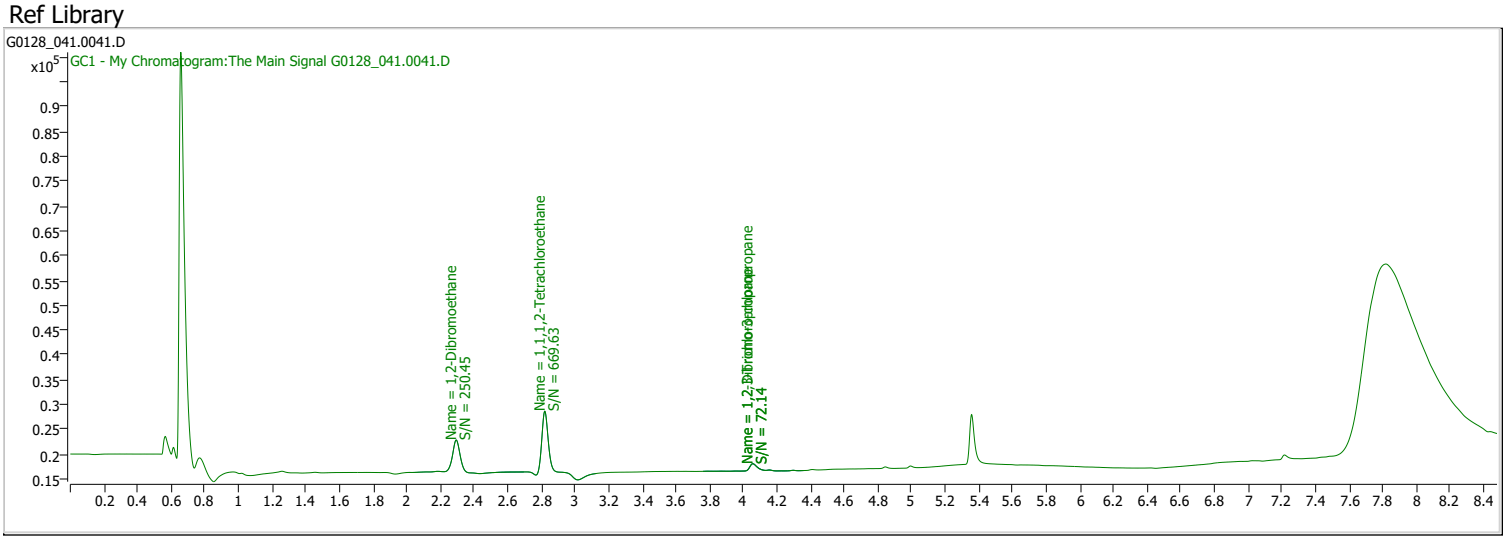
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

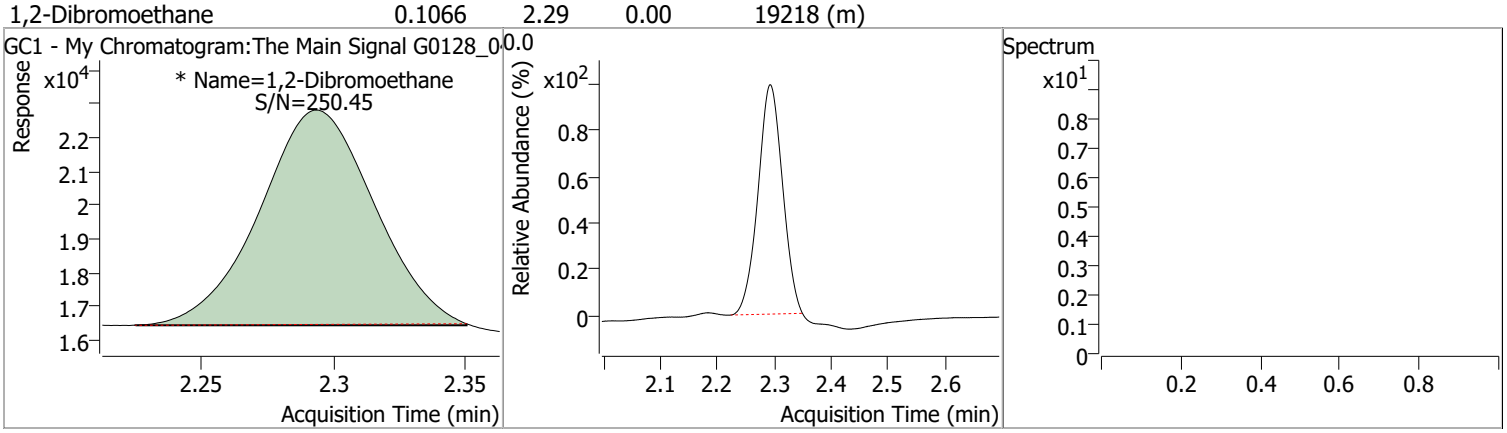
Data File	G0128_041.0041.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/28/2022 11:16:27 PM
Sample Name	CAL3-163331	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G012822_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G012822_8011_W_CLT.batch.bin	Last Calib Update	1/31/2022 8:18:22 AM
Ref Library			



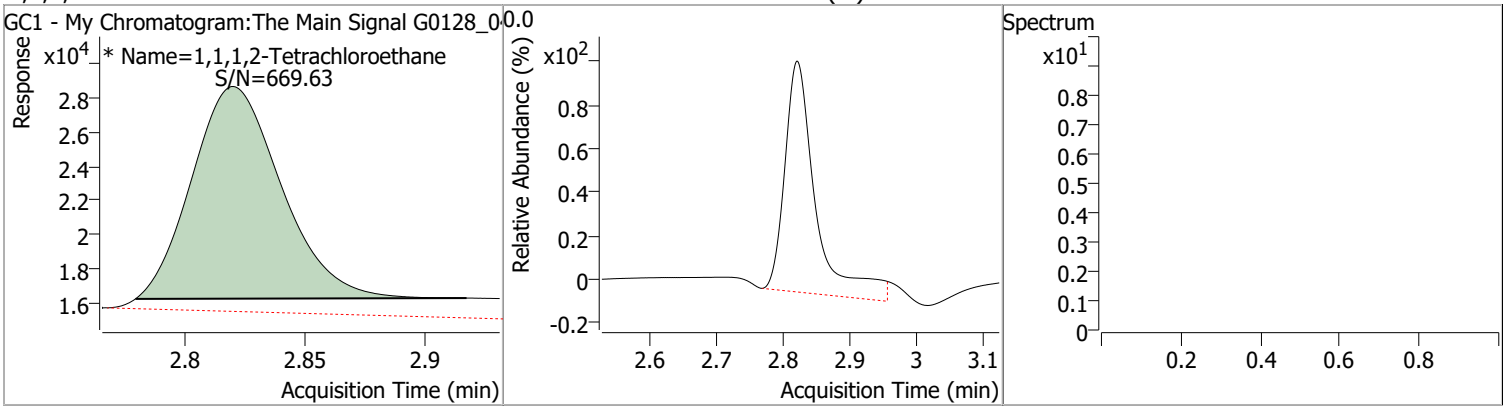
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.820	0.0	32094	0.1012	µg/L	m	-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 101.22%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.293	0.0	19218	0.1066	µg/L	m	100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.1066	2.29	0.00	19218 (m)				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1012	2.82	-0.01	32094 (m)				



Batch name and path: \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\QuantResults\G012822_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	1/28/2022 12:11:23 PM	Create new batch \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G012822_8011_W_CLT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	1/28/2022 12:11:28 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_006.0006.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_005.0005.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_004.0004.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_003.0003.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_002.0002.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_001.0001.D			✓	
CmdStartMethodEditing	BL2000\ctran	1/28/2022 12:11:43 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\ctran	1/28/2022 12:11:44 PM	Import method from file \\MASSHUNTER\Org\Data\GECD.I\GECD_methods\G012122_8011_W_CLT.m			✓	
CmdApplyMethodToAllSamples	BL2000\ctran	1/28/2022 12:11:47 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\ctran	1/28/2022 12:11:48 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\ctran	1/28/2022 12:11:48 PM	End method editing			✓	
CmdQuantitate	BL2000\ctran	1/28/2022 12:11:49 PM	Quantitate all compounds in all samples			✓	
CmdUpdateRetentionTimes	BL2000\ctran	1/28/2022 12:12:04 PM	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	1/28/2022 12:12:07 PM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\ctran	1/28/2022 12:12:30 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	1/28/2022 12:12:30 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\QuantResults\G012822_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	1/28/2022 1:35:31 PM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G012822_8011_W_CLT.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\ctran	1/28/2022 1:35:41 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_011.0011.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_010.0010.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_009.0009.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_008.0008.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_007.0007.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/28/2022 1:35:48 PM	Set SampleType = Calibration for sample G0128_007.0007.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/28/2022 1:35:51 PM	Set LevelName = 1 for sample G0128_007.0007.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/28/2022 1:35:53 PM	Set SampleType = Calibration for sample G0128_008.0008.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/28/2022 1:35:55 PM	Set LevelName = 2 for sample G0128_008.0008.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/28/2022 1:35:57 PM	Set LevelName = 7 for sample G0128_008.0008.D; previous value = 2			✓	
CmdSetSampleAttribute	BL2000\ctran	1/28/2022 1:36:00 PM	Set SampleType = Calibration for sample G0128_009.0009.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/28/2022 1:36:01 PM	Set LevelName = 2 for sample G0128_009.0009.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/28/2022 1:36:03 PM	Set SampleType = Calibration for sample G0128_010.0010.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/28/2022 1:36:06 PM	Set LevelName = 3 for sample G0128_010.0010.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/28/2022 1:36:08 PM	Set SampleType = Calibration for sample G0128_011.0011.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/28/2022 1:36:10 PM	Set LevelName = 4 for sample G0128_011.0011.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	1/28/2022 1:36:14 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	1/28/2022 1:36:16 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\QuantResults\G012822_8011_W_CLT.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/28/2022 1:36:26 PM	Manually integrate compound 1,2-Dibromoethane in sample G0128_007.0007.D, from x, y = 2.241, 16454 to 2.332, 16328, result = 1857; previous integration is from x, y = 2.241, 16454 to 2.348, 16067 and previous response = 2485.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/28/2022 1:36:33 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_007.0007.D, from x, y = 2.818, 16063 to 2.865, 16029, result = 452; previous integration is from x, y = 2.801, 15243 to 2.868, 15867 and previous response = 2031.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/28/2022 1:36:40 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_008.0008.D, from x, y = 2.807, 16334 to 2.878, 16323, result = 2637; previous integration is from x, y = 2.791, 15458 to 2.885, 16201 and previous response = 5031.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/28/2022 1:36:57 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_009.0009.D, from x, y = 2.795, 16344 to 2.893, 16079, result = 12419; previous integration is from x, y = 2.777, 15494 to 3.014, 14760 and previous response = 25225.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/28/2022 1:36:58 PM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0128_009.0009.D, from x = 2.795 to x = 2.893, new integration is from x, y = 2.795, 16651 to 2.893, 16297 and new response = 10870; previous integration is from x, y = 2.795, 16344 to 2.893, 16079 and previous response = 12419.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/28/2022 1:37:00 PM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0128_009.0009.D to y = 16297, new integration is from x, y = 2.795, 16297 to 2.893, 16297 and new response = 11915; previous integration is from x, y = 2.795, 16651 to 2.893, 16297 and previous response = 10870.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/28/2022 1:37:01 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_009.0009.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/28/2022 1:37:08 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_010.0010.D, from x, y = 2.784, 16432 to 2.913, 16359, result = 29505; previous integration is from x, y = 2.771, 15805 to 2.958, 15070 and previous response = 39716.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/28/2022 1:37:09 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_010.0010.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	1/28/2022 1:37:32 PM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\ctran	1/28/2022 1:37:33 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\QuantResults\G012822_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	1/28/2022 4:18:41 PM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G012822_8011_W_CLT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	1/28/2022 4:18:55 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_019.0019.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_018.0018.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_017.0017.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_016.0016.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_015.0015.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_014.0014.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_013.0013.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_012.0012.D			✓	
CmdQuantitate	BL2000\ctran	1/28/2022 4:19:01 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	1/28/2022 4:19:28 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\QuantResults\G012822_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	1/31/2022 8:07:40 AM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G012822_8011_W_CLT.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\ctran	1/31/2022 8:10:43 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_041.0041.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_040.0040.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_039.0039.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_038.0038.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_037.0037.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_036.0036.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_035.0035.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_034.0034.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_033.0033.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_032.0032.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_031.0031.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_030.0030.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_029.0029.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_028.0028.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_027.0027.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_026.0026.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_025.0025.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_024.0024.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_023.0023.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_022.0022.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_021.0021.D, \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G0128_020.0020.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:10:58 AM	Set SampleType = CC for sample G0128_041.0041.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:00 AM	Set LevelName = 3 for sample G0128_041.0041.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:02 AM	Set SampleType = DoubleBlank for sample G0128_040.0040.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:05 AM	Set SampleType = DoubleBlank for sample G0128_033.0033.D; previous value = Sample			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:07 AM	Set SampleType = DoubleBlank for sample G0128_031.0031.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:10 AM	Set SampleType = CC for sample G0128_032.0032.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:12 AM	Set LevelName = 5 for sample G0128_032.0032.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:21 AM	Set SampleType = MatrixBlank for sample G0128_028.0028.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:23 AM	Set SampleType = Matrix for sample G0128_029.0029.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:27 AM	Set SampleType = MatrixDup for sample G0128_030.0030.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:32 AM	Set SampleType = DoubleBlank for sample G0128_020.0020.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:35 AM	Set SampleType = DoubleBlank for sample G0128_014.0014.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:38 AM	Set SampleType = QC for sample G0128_015.0015.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:41 AM	Set SampleType = CC for sample G0128_016.0016.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:45 AM	Set SampleType = Blank for sample G0128_017.0017.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:48 AM	Set SampleType = QC for sample G0128_018.0018.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:51 AM	Set LevelName = LCS for sample G0128_015.0015.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:53 AM	Set LevelName = 3 for sample G0128_016.0016.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:11:59 AM	Set LevelName = LCS for sample G0128_018.0018.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:12:02 AM	Set SampleType = QC for sample G0128_019.0019.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:12:05 AM	Set LevelName = LCS1 for sample G0128_019.0019.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:12:10 AM	Set SampleType = Calibration for sample G0128_012.0012.D; previous value = Sample			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:12:12 AM	Set SampleType = Calibration for sample G0128_013.0013.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:12:15 AM	Set LevelName = 5 for sample G0128_012.0012.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:12:19 AM	Set LevelName = 6 for sample G0128_013.0013.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:12:23 AM	Set SampleType = DoubleBlank for sample G0128_006.0006.D; previous value = Sample			✓	
CmdQuantitate	BL2000\ctran	1/31/2022 8:12:25 AM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:16:14 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_006.0006.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:16:17 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0128_006.0006.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:16:33 AM	Set SampleApproved = True for sample G0128_006.0006.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:16:34 AM	Set SampleApproved = True for sample G0128_005.0005.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:16:34 AM	Set SampleApproved = True for sample G0128_004.0004.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:16:35 AM	Set SampleApproved = True for sample G0128_003.0003.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:16:36 AM	Set SampleApproved = True for sample G0128_002.0002.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:16:37 AM	Set SampleApproved = True for sample G0128_001.0001.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:16:44 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G0128_007.0007.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:16:48 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_007.0007.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:16:50 AM	Set SampleApproved = True for sample G0128_007.0007.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:16:54 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_008.0008.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:16:57 AM	Set SampleApproved = True for sample G0128_008.0008.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:17:03 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_009.0009.D; previous value = GT			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/31/2022 8:17:26 AM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0128_013.0013.D, from x = 2.763 to x = 2.956, new integration is from x, y = 2.763, 17109 to 2.956, 16365 and new response = 401414; previous integration is from x, y = 2.763, 16180 to 2.956, 15151 and previous response = 413787.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/31/2022 8:17:30 AM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0128_012.0012.D, from x = 2.764 to x = 2.956, new integration is from x, y = 2.764, 16292 to 2.956, 16229 and new response = 152046; previous integration is from x, y = 2.764, 16119 to 2.956, 16059 and previous response = 154020.			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:17:39 AM	Set SampleApproved = True for sample G0128_009.0009.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:17:40 AM	Set SampleApproved = True for sample G0128_010.0010.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:17:41 AM	Set SampleApproved = True for sample G0128_011.0011.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:17:42 AM	Set SampleApproved = True for sample G0128_012.0012.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:17:43 AM	Set SampleApproved = True for sample G0128_013.0013.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\ctran	1/31/2022 8:17:50 AM	Replace level 3 with CC sample G0128_041.0041.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 G0128_032.0032.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 G0128_019.0019.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 G0128_018.0018.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 G0128_016.0016.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 G0128_015.0015.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 G0128_013.0013.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 G0128_012.0012.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 G0128_011.0011.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 G0128_010.0010.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 G0128_009.0009.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 G0128_008.0008.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane,			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			1,1,1,2-Tetrachloroethane}; Replace level 1 with Calibration sample G0128_007.0007.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane};				
CmdQuantitate	BL2000\ctran	1/31/2022 8:17:56 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:18:13 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_007.0007.D, from x, y = 2.818, 16063 to 2.863, 16078, result = 382; previous integration is from x, y = 2.818, 16063 to 2.865, 16029 and previous response = 452.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\ctran	1/31/2022 8:18:22 AM	Replace level 3 with CC sample G0128_041.0041.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 G0128_032.0032.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 G0128_019.0019.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 G0128_018.0018.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 G0128_016.0016.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 G0128_015.0015.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 G0128_013.0013.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 G0128_012.0012.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 G0128_011.0011.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 G0128_010.0010.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 G0128_009.0009.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 G0128_008.0008.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane,			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			1,1,1,2-Tetrachloroethane}; Replace level 1 with Calibration sample G0128_007.0007.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane};				
CmdQuantitate	BL2000\ctran	1/31/2022 8:18:26 AM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\ctran	1/31/2022 8:19:08 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\ctran	1/31/2022 8:19:08 AM	Import method from sample G0128_007.0007.D			✓	
CmdSaveMethodAs	BL2000\ctran	1/31/2022 8:19:27 AM	Save method to file \\MASSHUNTER\Org\Data\GECD.I\GECD_methods\G012822_8011_W_CLT.m			✓	
CmdApplyMethodToAllSamples	BL2000\ctran	1/31/2022 8:19:32 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\ctran	1/31/2022 8:19:32 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\ctran	1/31/2022 8:19:33 AM	End method editing			✓	
CmdQuantitate	BL2000\ctran	1/31/2022 8:19:35 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:19:56 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_015.0015.D, from x, y = 2.785, 16406 to 2.918, 16281, result = 29525; previous integration is from x, y = 2.771, 15708 to 2.969, 14920 and previous response = 40947.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:19:57 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_015.0015.D; previous value =			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/31/2022 8:20:11 AM	Drop baseline for compound 1,2-Dibromoethane in sample G0128_015.0015.D to y = 16422, new integration is from x, y = 2.227, 16422 to 2.363, 16422 and new response = 41897; previous integration is from x, y = 2.227, 16422 to 2.363, 16535 and previous response = 41440.			✓	
CmdClearManualIntegration	BL2000\ctran	1/31/2022 8:20:14 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0128_015.0015.D			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/31/2022 8:20:16 AM	Drop baseline for compound 1,2-Dibromoethane in sample G0128_015.0015.D to y = 16422, new integration is from x, y = 2.227, 16422 to 2.363, 16422 and new response = 41897; previous integration is from x, y = 2.227, 16422 to 2.363, 16535 and previous response = 41440.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:20:45 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_016.0016.D, from x, y = 2.783, 16375 to 2.912, 16318, result = 30119; previous integration is from x, y = 2.771, 15750 to 2.958, 15019 and previous response = 40413.			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:20:50 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_014.0014.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:20:52 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0128_014.0014.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:20:53 AM	Set SampleApproved = True for sample G0128_014.0014.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:21:02 AM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0128_015.0015.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:21:03 AM	Set SampleApproved = True for sample G0128_015.0015.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:21:27 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_016.0016.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:21:30 AM	Set SampleApproved = True for sample G0128_016.0016.D; previous value = False			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/31/2022 8:21:49 AM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0128_032.0032.D, from x = 2.763 to x = 2.951, new integration is from x, y = 2.763, 16281 to 2.951, 16286 and new response = 160307; previous integration is from x, y = 2.763, 16092 to 2.951, 15121 and previous response = 167965.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:21:51 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_032.0032.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:22:07 AM	Set SampleApproved = True for sample G0128_032.0032.D; previous value = False			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/31/2022 8:22:14 AM	Drop baseline for compound 1,2-Dibromoethane in sample G0128_041.0041.D to y = 16445, new integration is from x, y = 2.225, 16445 to 2.350, 16445 and new response = 19218; previous integration is from x, y = 2.225, 16445 to 2.350, 16492 and previous response = 19043.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:22:26 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_041.0041.D, from x, y = 2.779, 16281 to 2.918, 16328, result = 32094; previous integration is from x, y = 2.768, 15759 to 2.956, 15029 and previous response = 42038.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:22:27 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_041.0041.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:22:48 AM	Set SampleApproved = True for sample G0128_041.0041.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:22:50 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0128_040.0040.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:22:51 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_040.0040.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:22:52 AM	Set SampleApproved = True for sample G0128_040.0040.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:22:56 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_033.0033.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:22:58 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0128_033.0033.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:22:59 AM	Set SampleApproved = True for sample G0128_033.0033.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:23:01 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0128_031.0031.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:23:02 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_031.0031.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:23:05 AM	Set SampleApproved = True for sample G0128_031.0031.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:23:08 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_020.0020.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:23:10 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0128_020.0020.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:23:11 AM	Set SampleApproved = True for sample G0128_020.0020.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/31/2022 8:23:46 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0128_028.0028.D to y = 16931, new integration is from x, y = 2.783, 16931 to 2.856, 16931 and new response = 29439; previous integration is from x, y = 2.783, 16931 to 2.856, 21490 and previous response = 19556.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:23:59 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_029.0029.D, from x, y = 2.781, 16573 to 2.854, 16878, result = 30010; previous integration is from x, y = 2.797, 20923 to 2.860, 21115 and previous response = 13802.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/31/2022 8:24:00 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0128_029.0029.D to y = 16573, new integration is from x, y = 2.781, 16573 to 2.854, 16573 and new response = 30682; previous integration is from x, y = 2.781, 16573 to 2.854, 16878 and previous response = 30010.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:24:12 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_030.0030.D, from x, y = 2.857, 21266 to 2.883, 23059, result = -1829; previous integration is from x, y = 2.767, 15880 to 2.982, 15012 and previous response = 56083.			✓	
CmdClearManualIntegration	BL2000\ctran	1/31/2022 8:24:13 AM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0128_030.0030.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:24:19 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_030.0030.D, from x, y = 2.782, 16615 to 2.860, 16878, result = 31748; previous integration is from x, y = 2.767, 15880 to 2.982, 15012 and previous response = 56083.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/31/2022 8:24:21 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0128_030.0030.D to y = 16615, new integration is from x, y = 2.782, 16615 to 2.860, 16615 and new response = 32368; previous integration is from x, y = 2.782, 16615 to 2.860, 16878 and previous response = 31748.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:25:03 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_017.0017.D, from x, y = 2.785, 16401 to 2.915, 16328, result = 30542; previous integration is from x, y = 2.772, 15731 to 2.964, 14940 and previous response = 41770.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:25:04 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_017.0017.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:25:07 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_017.0017.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:25:08 AM	Set SampleApproved = True for sample G0128_017.0017.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:25:17 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_018.0018.D, from x, y = 2.785, 16583 to 2.912, 16547, result = 30108; previous integration is from x, y = 2.773, 15972 to 2.955, 15251 and previous response = 40110.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:25:18 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_018.0018.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:25:19 AM	Set SampleApproved = True for sample G0128_018.0018.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:25:26 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_019.0019.D, from x, y = 2.783, 16461 to 2.909, 16401, result = 29750; previous integration is from x, y = 2.771, 15785 to 2.958, 15045 and previous response = 40601.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/31/2022 8:25:31 AM	Drop baseline for compound 1,2-Dibromoethane in sample G0128_019.0019.D to y = 16526, new integration is from x, y = 2.229, 16526 to 2.349, 16526 and new response = 17778; previous integration is from x, y = 2.229, 16526 to 2.349, 16590 and previous response = 17551.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:25:43 AM	Manually integrate compound 1,2-Dibromoethane in sample G0128_019.0019.D, from x, y = 2.229, 16526 to 2.365, 16281, result = 18652; previous integration is from x, y = 2.229, 16526 to 2.349, 16526 and previous response = 17778.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:25:45 AM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0128_019.0019.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:25:49 AM	Set SampleApproved = True for sample G0128_019.0019.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:25:56 AM	Manually integrate compound 1,2-Dibromoethane in sample G0128_015.0015.D, from x, y = 2.227, 16422 to 2.381, 16250, result = 42622; previous integration is from x, y = 2.227, 16422 to 2.363, 16422 and previous response = 41897.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:26:01 AM	Manually integrate compound 1,2-Dibromoethane in sample G0128_018.0018.D, from x, y = 2.228, 16671 to 2.386, 16495, result = 42756; previous integration is from x, y = 2.228, 16671 to 2.421, 16316 and previous response = 43434.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:26:03 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G0128_018.0018.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:26:07 AM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0128_015.0015.D; previous value = LT			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:30:57 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_021.0021.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:34:06 AM	Set SampleApproved = True for sample G0128_021.0021.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:34:19 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_022.0022.D, from x, y = 2.779, 16297 to 2.904, 16406, result = 31389; previous integration is from x, y = 2.770, 15845 to 2.904, 16406 and previous response = 33013.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:34:20 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_022.0022.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:34:25 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_022.0022.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:34:26 AM	Set SampleApproved = True for sample G0128_022.0022.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:34:29 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_023.0023.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:34:39 AM	Set SampleApproved = True for sample G0128_023.0023.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:34:45 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_024.0024.D, from x, y = 2.778, 16338 to 2.900, 16429, result = 30753; previous integration is from x, y = 2.769, 15809 to 2.900, 16429 and previous response = 32592.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:34:46 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_024.0024.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:34:52 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_024.0024.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:34:54 AM	Set SampleApproved = True for sample G0128_024.0024.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:34:56 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_025.0025.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:35:02 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_025.0025.D, from x, y = 2.780, 16339 to 2.912, 16365, result = 30688; previous integration is from x, y = 2.771, 15816 to 2.961, 15060 and previous response = 40755.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:35:03 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_025.0025.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:35:10 AM	Set SampleApproved = True for sample G0128_025.0025.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:41:06 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_027.0027.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:41:10 AM	Set SampleApproved = True for sample G0128_027.0027.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:42:50 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdClearManualIntegration	BL2000\ctran	1/31/2022 8:42:56 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:43:00 AM	Manually integrate compound 1,2-Dibromoethane in sample G0128_028.0028.D, from x, y = 2.184, 16620 to 2.319, 16641, result = 8000; previous integration is from x, y = 2.184, 16620 to 2.345, 16209 and previous response = 9701.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:43:34 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:44:50 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_026.0026.D			✓	
CmdClearManualIntegration	BL2000\ctran	1/31/2022 8:45:28 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0128_026.0026.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:47:50 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_026.0026.D			✓	
CmdClearManualIntegration	BL2000\ctran	1/31/2022 8:48:08 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:49:02 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdClearManualIntegration	BL2000\ctran	1/31/2022 8:49:52 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0128_026.0026.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:50:05 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_026.0026.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:50:06 AM	Set SampleApproved = True for sample G0128_026.0026.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:50:21 AM	Set SampleApproved = True for sample G0128_028.0028.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:50:25 AM	Set UserAnnotation = LT for compound 1,1,1,2-Tetrachloroethane in sample G0128_029.0029.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:50:27 AM	Set UserAnnotation = LT for compound 1,1,1,2-Tetrachloroethane in sample G0128_028.0028.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:53:45 AM	Set SampleApproved = True for sample G0128_029.0029.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:53:51 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_030.0030.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:53:59 AM	Set SampleApproved = True for sample G0128_030.0030.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:54:16 AM	Manually integrate compound 1,2-Dibromoethane in sample G0128_034.0034.D, from x, y = 2.213, 16677 to 2.353, 16057, result = 2687; previous integration is from x, y = 2.418, 16253 to 2.591, 16473 and previous response = 30034.			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:54:18 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_034.0034.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:54:25 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_034.0034.D, from x, y = 2.781, 16510 to 2.915, 16531, result = 33023; previous integration is from x, y = 2.768, 15820 to 2.961, 15035 and previous response = 45158.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:54:26 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_034.0034.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:54:28 AM	Set SampleApproved = True for sample G0128_034.0034.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:54:34 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_035.0035.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:54:35 AM	Set SampleApproved = True for sample G0128_035.0035.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:55:04 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_036.0036.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:55:13 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_036.0036.D, from x, y = 2.780, 16438 to 2.848, 16487, result = 30778; previous integration is from x, y = 2.768, 15844 to 2.848, 15533 and previous response = 34161.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/31/2022 8:55:15 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0128_036.0036.D to y = 16438, new integration is from x, y = 2.780, 16438 to 2.848, 16438 and new response = 30878; previous integration is from x, y = 2.780, 16438 to 2.848, 16487 and previous response = 30778.			✓	
CmdClearManualIntegration	BL2000\ctran	1/31/2022 8:55:19 AM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0128_036.0036.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:55:33 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_037.0037.D, from x, y = 2.783, 16504 to 2.896, 16609, result = 32546; previous integration is from x, y = 2.767, 15833 to 2.908, 15275 and previous response = 40584.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:55:34 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_037.0037.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:55:37 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_037.0037.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:55:41 AM	Set SampleApproved = True for sample G0128_036.0036.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:55:44 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_037.0037.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:55:50 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_038.0038.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:55:56 AM	Set SampleApproved = True for sample G0128_038.0038.D; previous value = False			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/31/2022 8:56:01 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0128_037.0037.D to y = 16504, new integration is from x, y = 2.783, 16504 to 2.896, 16504 and new response = 32905; previous integration is from x, y = 2.783, 16504 to 2.896, 16609 and previous response = 32546.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 8:56:12 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0128_039.0039.D, from x, y = 2.781, 16448 to 2.906, 16484, result = 31411; previous integration is from x, y = 2.770, 15812 to 2.906, 16484 and previous response = 33729.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/31/2022 8:56:13 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0128_039.0039.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:56:15 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_039.0039.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:56:18 AM	Set SampleApproved = True for sample G0128_039.0039.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:56:23 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_037.0037.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 8:56:29 AM	Set SampleApproved = True for sample G0128_037.0037.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 8:56:49 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_036.0036.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 9:00:37 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 9:00:45 AM	Set SampleApproved = False for sample G0128_028.0028.D; previous value = True			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 9:00:50 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdClearManualIntegration	BL2000\ctran	1/31/2022 9:00:52 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 9:01:17 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 9:01:18 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdClearManualIntegration	BL2000\ctran	1/31/2022 9:01:19 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 9:03:27 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 9:03:28 AM	Set SampleApproved = True for sample G0128_028.0028.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 9:03:38 AM	Set SampleApproved = False for sample G0128_028.0028.D; previous value = True			✓	
CmdClearManualIntegration	BL2000\ctran	1/31/2022 9:05:52 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 9:05:58 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 9:06:02 AM	Set SampleApproved = True for sample G0128_028.0028.D; previous value = False			✓	
CmdQuantitate	BL2000\ctran	1/31/2022 9:06:05 AM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdClearManualIntegration	BL2000\ctran	1/31/2022 9:06:34 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 9:06:49 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 9:06:53 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdClearManualIntegration	BL2000\ctran	1/31/2022 9:06:54 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 9:09:15 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_026.0026.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 9:10:03 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_026.0026.D			✓	
CmdClearManualIntegration	BL2000\ctran	1/31/2022 9:10:04 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0128_026.0026.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 9:10:09 AM	Manually integrate compound 1,2-Dibromoethane in sample G0128_026.0026.D, from x, y = 2.287, 16283 to 2.288, 17526, result = 66; previous integration is from x, y = 2.194, 16716 to 2.315, 16716 and previous response = 7022.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 9:10:12 AM	Manually integrate compound 1,2-Dibromoethane in sample G0128_026.0026.D, from x, y = 2.288, 17526 to 2.338, 16220, result = -135; previous integration is from x, y = 2.287, 16283 to 2.288, 17526 and previous response = 66.			✓	
CmdClearManualIntegration	BL2000\ctran	1/31/2022 9:10:13 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0128_026.0026.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 9:10:15 AM	Manually integrate compound 1,2-Dibromoethane in sample G0128_026.0026.D, from x, y = 2.194, 16716 to 2.361, 16297, result = 8354; previous integration is from x, y = 2.194, 16716 to 2.315, 16716 and previous response = 7022.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/31/2022 9:10:18 AM	Manually integrate compound 1,2-Dibromoethane in sample G0128_026.0026.D, from x, y = 2.292, 16430 to 2.361, 16297, result = 1112; previous integration is from x, y = 2.194, 16716 to 2.361, 16297 and previous response = 8354.			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 9:10:20 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_026.0026.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 9:15:39 AM	Set SampleType = CC for sample G0128_007.0007.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 9:15:41 AM	Set SampleType = CC for sample G0128_008.0008.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 9:15:43 AM	Set SampleType = CC for sample G0128_009.0009.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 9:15:44 AM	Set SampleType = CC for sample G0128_010.0010.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 9:15:46 AM	Set SampleType = CC for sample G0128_011.0011.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 9:15:49 AM	Set SampleType = CC for sample G0128_012.0012.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 9:15:51 AM	Set SampleType = CC for sample G0128_013.0013.D; previous value = Calibration			✓	
CmdQuantitate	BL2000\ctran	1/31/2022 9:15:56 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 9:16:18 AM	Set MatrixSpikeGroup = G15921 for sample G0128_028.0028.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 9:16:20 AM	Set MatrixSpikeGroup = G15921 for sample G0128_029.0029.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/31/2022 9:16:21 AM	Set MatrixSpikeGroup = G15921 for sample G0128_030.0030.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	1/31/2022 9:16:25 AM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\ctran	1/31/2022 9:16:27 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0128_028.0028.D			✓	
CmdQuantitate	BL2000\ctran	1/31/2022 9:17:22 AM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\ctran	1/31/2022 9:46:29 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\QuantResults\G012822_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	3/9/2022 2:24:43 PM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\G012822_8011_W_CLT.batch.bin			✓	
GenerateReport	BL2000\ctran	3/9/2022 2:26:07 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Gen_ResultsSummary.m, Output Path: \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\QuantReports\G012822_8011_W_CLT			✓	
GenerateReport	BL2000\ctran	3/9/2022 2:28:26 PM	Generates report - Method: \\MASSHUNTER\Org\reports\init_cal_rpt.m, Output Path: \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\QuantReports\G012822_8011_W_CLT-1			✓	
GenerateReport	BL2000\ctran	3/9/2022 2:30:09 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Gen_Calibration.m, Output Path: \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\QuantReports\G012822_8011_W_CLT-2			✓	
GenerateReport	BL2000\ctran	3/9/2022 2:32:52 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Env_QuantResults_wGraphics+Chromatogram.m, Output Path: \\MASSHUNTER\Org\Data\GECD.I\G012822\aiaexport\QuantReports\G012822_8011_W_CLT-3			✓	

Agilent

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.

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 2
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
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

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 2 of 2
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert
No. AT-1937

Energy Laboratories Inc

Spike LOG

Standard ID:	PH121120504P		
Standard Name	504.1 Mix (200ug/mL) MeOH	Type:	Primary
Date Prepared	12/11/2019	BY:	Selina R. Cox
Date Expires:	12/31/2023		
Department	PST/HRBPR	Status:	New
Vendor:	Agilent		
Lot Number:	0006573696		
Balance ID:			

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**

Analytes **CAS** Conc: **ug/mL**

Page: *1 of 1*

Energy Laboratories Inc

Standard LOG

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

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		Base Units	Amount Added
PH121120504P	504.1 Mix (200ug/mL) MeOH	ug/mL	0.035 mL

Analytes	CAS	Conc:	ug/mL

Page: *1 of 1*

Energy Laboratories Inc

Standard LOG

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

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

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeOH	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/mL**

Energy Laboratories Inc

Standard LOG

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

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

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeOH	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/mL**

Page: *1 of 1*

125 Market Street
New Haven, CT 06513
USA

AccuStandard®

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

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*

Signal Word: Danger

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

Certified Reference Material

ANAB ACCREDITED TESTING LABORATORY AT-1339
ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ilac-MRA

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 #: 14729
Opened:
Laboratory Fortified Blank Sample Concentra
Expires: 2/6/2023
Rec'd: 1/6/2022
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.

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

Page 1 of 1

For use in routine laboratory 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

Agilent

Certificate of Analysis

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/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.

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

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert
No. AT-1937

Energy Laboratories Inc

Standard LOG

Standard ID:	PH011922504SU		
Standard Name	504.1 Surrogate (0.1ug/mL)MeOH	Type:	Secondary
Date Prepared	1/19/2022	BY:	Carry L Tran
Date Expires:	3/20/2023		
Department	PST/HRBPR	Status:	New
Vendor:			
Lot Number:			
Balance ID:			
Comments:	Final Concentration = (0.1ug/mL) Vol Flask: EX-0117		

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**
Analytes	**CAS**	Conc: **ug/mL**