PREP BATCH REPORT

Prep Batch **162519** | Prep Code: **PRP-8011-W** | Prep Temp: **NA °C** | Technician: **Carry L Tran** | Batch Units: **ML** | Prep Start Date: **12/28/2021 9:04:49 A** | Prep End Date: **12/28/2021 12:53:00 P**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
MB-162519		6	35	0	0	2.0	0.057		12/28/2021	12/28/2021
	CLT spiked and surrogated. SRC witnessed and assisted.									
LCS-162519		6	35	0	0	2.0	0.057		12/28/2021	12/28/2021
	Unlocked to add comments, masses- CLT 12/29/21									
LCS1-162519		6	35	0	0	2.0	0.057	Bal #25	12/28/2021	12/28/2021
	5mL_19K50667 calibrated/passed on 12/28/2021 prior to the extraction.									
CAL1-162519		6	35	0	0	2.0	0.057	Bal #25	12/28/2021	12/28/2021
	All samples poured to 35mL using a gravimetrically determined standard made by CLT on 12/28/21.									
CAL7-162519		6	35	0	0	2.0	0.057	Bal #25	12/28/2021	12/28/2021
	Batch unlocked 01/05/2022 by SRC to correct the sample Matrix from "Aqueous" to "Trip Blank".									
CAL2-162519		6	35	0	0	2.0	0.057	Bal #25	12/28/2021	12/28/2021
CAL3-162519		6	35	0	0	2.0	0.057	Bal #25	12/28/2021	12/28/2021
CAL4-162519		6	35	0	0	2.0	0.057	Bal #25	12/28/2021	12/28/2021
CAL5-162519		6	35	0	0	2.0	0.057	Bal #25	12/28/2021	12/28/2021
CAL6-162519		6	35	0	0	2.0	0.057	Bal #25	12/28/2021	12/28/2021
B21121957-001E	Aqueous	2	35	0	0	2.0	0.057	Bal #25	12/28/2021	12/28/2021
	Vial 1/3. Combined vial and sample weight of 61.49g with cap on. Empty vial weight with cap on 26.13g=35.36g.Entire sample consumed in extraction									
B21121957-001EMS	Aqueous	2	35	0	0	2.0	0.056	Bal #25	12/28/2021	12/28/2021
	Vial 2/3. Combined vial and sample weight of 61.51g with cap on. Empty vial weight with cap on 26.08g=35.43g.Entire sample consumed in extraction									
B21121957-001EMSD	Aqueous	2	35	0	0	2.0	0.058	Bal #25	12/28/2021	12/28/2021
	Vial 3/3. Combined vial and sample weight of 60.93g with cap on. Empty vial weight with cap on 26.16g=34.77g. Entire Sample consumed in extraction.									
B21121957-004A	Trip Blank	6	34	0	0	2.0	0.059	Bal #25	12/28/2021	12/28/2021
	Vial 1/2. Combined vial and sample weight of 62.80g with cap on. Empty vial weight with cap on 28.89g=33.91g. Matrix changed from "Aqueous" to "Trip Blank"-SRC 01/05/2022.									
B21121959-001H	Aqueous	2	35	0	0	2.0	0.057	Bal #25	12/28/2021	12/28/2021
	Vial 1/3. Combined vial and sample weight of 61.00g with cap on. Empty vial weight with cap on 25.91g=35.09g.									

Number	Reagent Name	Exp Date	
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14249	Hexane EB352	4/13/2023	2mL
14500	40 mL Clear VOA Lot 00081369	11/9/2026	
14634	4ML, Amber Vial, 20211215	12/15/2022	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 11/6/	Baked Sodium Chloride	ALL	7g	9/10/2025
PH122821504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL except CAL1-	35µL	3/20/2023
PH092621504C1	504.1 Cal Stock 1(0.007ug/mL) MeO	CAL1,CAL7	50µL,100	2/12/2023
PH092621504C2	504.1 Cal Stock 2(0.07ug/mL) MeOH	CAL2,CAL3,CAL4	25µL,50µ	2/12/2023
PH092621504C3	504.1 Cal Stock 3(0.7ug/mL) MeOH	CAL5,CAL6	20µL,50µ	2/12/2023
PH071421LFB	LaboratoryFortifiedBlank0.25ug/mL(M	LCS1,LCS,MS,M	14µL, 35µ	2/6/2023

PREP BATCH REPORT

Prep Batch **162519** | Prep Code: **PRP-8011-W** | Prep Temp: **NA °C** | Technician: **Carry L Tran** | Batch Units: **ML** | Prep Start Date: **12/28/2021 9:04:49 A** | Prep End Date: **12/28/2021 12:53:00 P**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
B21121959-004A	Trip Blank	6	34	0	0	2.0	0.059	Bal #25	12/28/2021	12/28/2021
Vial 1/2. Combined vial and sample weight of 63.18g with cap on. Empty vial weight with cap on 29.15g=34.03g. Matrix changed from "Aqueous" to "Trip Blank"-SRC 01/05/2022.										
B21121961-001H	Aqueous	6	35	0	0	2.0	0.057	Bal #25	12/28/2021	12/28/2021
Vial 1/3. Combined vial and sample weight of 60.99g with cap on. Empty vial weight with cap on 25.84g=35.15g.										
B21121961-004A	Trip Blank	6	34	0	0	2.0	0.058	Bal #25	12/28/2021	12/28/2021
Vial 1/2. Combined vial and sample weight of 63.57g with cap on. Empty vial weight with cap on 29.24g=34.33g. Matrix changed from "Aqueous" to "Trip Blank" -SRC 01/05/2022.										
B21121965-001H	Aqueous	2	35	0	0	2.0	0.057	Bal #25	12/28/2021	12/28/2021
Vial 1/3. Combined vial and sample weight of 60.94g with cap on. Empty vial weight with cap on 25.68g=35.26g.										
B21121965-005A	Trip Blank	6	34	0	0	2.0	0.059	Bal #25	12/28/2021	12/28/2021
Vial 1/3. Combined vial and sample weight of 62.82g with cap on. Empty vial weight with cap on 28.89g=33.93g. Matrix changed from "Aqueous" to "Trip Blank" -SRC 01/05/2022.										
B21121967-001H	Aqueous	2	35	0	0	2.0	0.057	Bal #25	12/28/2021	12/28/2021
Vial 1/3. Combined vial and sample weight of 61.13g with cap on. Empty vial weight with cap on 26.00g=35.13g.Sample emulsed after shaking, had to use centrifuge to separate it.										
B21121967-005A	Trip Blank	6	34	0	0	2.0	0.059	Bal #25	12/28/2021	12/28/2021
Vial 1/3. Combined vial and sample weight of 62.72g with cap on. Empty vial weight with cap on 28.90g=33.82g. Matrix changed from "Aqueous" to "Trip Blank" -SRC 01/05/2022.										
B21121968-001H	Ground Water	2	35	0	0	2.0	0.057	Bal #25	12/28/2021	12/28/2021
Vial 1/3. Combined vial and sample weight of 60.63g with cap on. Empty vial weight with cap on 25.62g=35.01g.										
B21121968-005A	Trip Blank	2	34	0	0	2.0	0.059	Bal #25	12/28/2021	12/28/2021
Vial 1/3. Combined vial and sample weight of 63.22g with cap on. Empty vial weight with cap on 29.20g=34.02g. Matrix changed from "Aqueous" to "Trip Blank" -SRC 01/05/2022.										

Number	Reagent Name	Exp Date	
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14249	Hexane EB352	4/13/2023	2mL
14500	40 mL Clear VOA Lot 00081369	11/9/2026	
14634	4ML, Amber Vial, 20211215	12/15/2022	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 11/6/	Baked Sodium Chloride	ALL	7g	9/10/2025
PH122821504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL except CAL1-	35µL	3/20/2023
PH092621504C1	504.1 Cal Stock 1(0.007ug/mL) MeO	CAL1,CAL7	50µL,100	2/12/2023
PH092621504C2	504.1 Cal Stock 2(0.07ug/mL) MeOH	CAL2,CAL3,CAL4	25µL,50µ	2/12/2023
PH092621504C3	504.1 Cal Stock 3(0.7ug/mL) MeOH	CAL5,CAL6	20µL,50µ	2/12/2023
PH071421LFB	LaboratoryFortifiedBlank0.25ug/mL(M	LCS1,LCS,MS,M	14µL, 35µ	2/6/2023

PREP BATCH REPORT

Prep Batch **162607** | Prep Code: **PRP-8011-W** | Prep Temp: **NA °C** | Technician: **Carry L Tran** | Batch Units: **ML** | Prep Start Date: **12/30/2021 9:33:42 A** | Prep End Date: **12/30/2021 1:50:00 P**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
MB-162607		6	35	0	0	2.0	0.057		12/30/2021	12/30/2021
	CLT spiked and surrogated. SRC witnessed and assisted. Unlocked the prep record to put in sample amounts. 1/3/2021JEM									
LCS-162607		6	35	0	0	2.0	0.057		12/30/2021	12/30/2021
	5mL_19K50667 calibrated/passed on 12/30/2021 prior to the extraction.									
LCS1-162607		6	35	0	0	2.0	0.057	Bal #25	12/30/2021	12/30/2021
	All samples poured to 35mL using a gravimetrically determined standard made by CLT on 12/30/21.									
CK3-162607		6	35	0	0	2.0	0.057	Bal #25	12/30/2021	12/30/2021
	Batch unlocked 01/05/2022 by SRC to correct the sample Matrix from "Aqueous" to "Trip Blank".									
CK5-162607		6	35	0	0	2.0	0.057	Bal #25	12/30/2021	12/30/2021
B21010847-033A	Aqueous	6	35	0	0	2.0	0.057	Bal #25	12/30/2021	12/30/2021
	Vial 1/3. Combined vial and sample weight of 64.70g with cap on. Empty vial weight with cap on 29.33g= 35.37g.									
B21122077-001H	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/30/2021	12/30/2021
	Vial 1/3. Combined vial and sample weight of 63.13g with cap on. Empty vial weight with cap on 27.45 g= 35.68g.									
B21122077-004A	Trip Blank	1	35	0	0	2.0	0.057	Bal #25	12/30/2021	12/30/2021
	Vial 1/2. Custody seal intact prior to extraction. Combined vial and sample weight of 62.75g with cap on. Empty vial weight with cap on 27.38g=35.37g. Sample Matrix changed from "Aqueous" to "Trip Blank"-SRC 01/05/22.									
B21122088-001H	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/30/2021	12/30/2021
	Vial 1/3. Combined vial and sample weight of 61.52g with cap on. Empty vial weight with cap on 25.80g= 35.72g.Entire sample consumed in extraction									
B21122088-001HMS	Ground Water	1	36	0	0	2.0	0.055	Bal #25	12/30/2021	12/30/2021
	Vial 2/3. Combined vial and sample weight of 61.72g with cap on. Empty vial weight with cap on 25.49 g= 36.23g.Small amount of dark sediment in sample.Entire sample consumed in extraction									
B21122088-001HMSD	Ground Water	1	36	0	0	2.0	0.055	Bal #25	12/30/2021	12/30/2021
	Vial 3/3. Combined vial and sample weight of 62.03g with cap on. Empty vial weight with cap on 25.72 g= 36.31g.Small amount of sediment present in sample. Entire sample consumed in extraction									
B21122090-001H	Ground Water	1	36	0	0	2.0	0.055	Bal #25	12/30/2021	12/30/2021
	Vial 1/3. Combined vial and sample weight of 61.99g with cap on. Empty vial weight with cap on 25.80g= 36.19g.									
B21122090-004A	Trip Blank	6	35	0	0	2.0	0.057	Bal #25	12/30/2021	12/30/2021
	Vial 2/2. Combined vial and sample weight of 64.53g with cap on. Empty vial weight with cap on 29.39g= 35.14g. Sample Matrix changed from "Aqueous" to "Trip Blank"-SRC 01/05/22.									

Number	Reagent Name	Exp Date	
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14249	Hexane EB352	4/13/2023	2mL
14500	40 mL Clear VOA Lot 00081369	11/9/2026	
14554	4ML, Amber Vial, 0430380915	11/29/2022	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 11/6/	Baked Sodium Chloride	ALL	7g	9/10/2025
PH122821504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL except CK3/5	35µL	3/20/2023
PH092621504C2	504.1 Cal Stock 2(0.07ug/mL) MeOH	CK3	50µL	2/12/2023
PH092621504C3	504.1 Cal Stock 3(0.7ug/mL) MeOH	CK5	20µL	2/12/2023
PH071421LFB	LaboratoryFortifiedBlank0.25ug/mL(M	LCS1,LCS,MS,M	14µL, 35µ	2/6/2023

PREP BATCH REPORT

Prep Code: **PRP-8011-W** Technician: **Carry L Tran** Prep Start Date: **12/30/2021 9:33:42 A**

Prep Batch **162607** Prep Temp: **NA °C** Batch Units: **ML** Prep End Date: **12/30/2021 1:50:00 P**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
B21122105-001H	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/30/2021	12/30/2021
Vial 1/3. Combined vial and sample weight of 61.62g with cap on. Empty vial weight with cap on 25.91g= 35.71g.Light colored sediment present in sample										
B21122105-004A	Trip Blank	6	35	0	0	2.0	0.057	Bal #25	12/30/2021	12/30/2021
Vial 1/2. Custody seal intact prior to extraction.Combined vial and sample weight of 63.91g with cap on. Empty vial weight with cap on 29.00 g= 34.91g.										
B21122088-004A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	12/30/2021	12/30/2021
Vial 1/3. Combined vial and sample weight of 61.37g with cap on. Empty vial weight with cap on 25.77g= 35.6g. Sample Matrix changed from "Aqueous" to "Trip Blank"-SRC 01/05/22.										

Number	Reagent Name	Exp Date	
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14249	Hexane EB352	4/13/2023	2mL
14500	40 mL Clear VOA Lot 00081369	11/9/2026	
14554	4ML, Amber Vial, 0430380915	11/29/2022	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 11/6/	Baked Sodium Chloride	ALL	7g	9/10/2025
PH122821504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL except CK3/5	35µL	3/20/2023
PH092621504C2	504.1 Cal Stock 2(0.07ug/mL) MeOH	CK3	50µL	2/12/2023
PH092621504C3	504.1 Cal Stock 3(0.7ug/mL) MeOH	CK5	20µL	2/12/2023
PH071421LFB	LaboratoryFortifiedBlank0.25ug/mL(M	LCS1,LCS,MS,M	14µL, 35µ	2/6/2023

Energy Laboratories Inc

ANALYTICAL RUN Summary

05-Jan-22

Run ID GECD.I_211230A

Run Start Date: 12/30/2021
Analyst: Selina R. Cox
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
14959080	CAL1-162519	PST-8011-W	CAL1	G123021\aiaexpo1	12/30/2021 1:40:	1	162519	12/28/2021	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	0.00944	0.0094164		0.01	0	0	0.0025835	0.01	0	94%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01209	0.012059775		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
14959081	CAL7-162519	PST-8011-W	CAL7	;ECD.I\G123021\a	12/30/2021 2:00:	1	162519	12/28/2021	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	0.02029	0.020239275		0.02	0	0	0.0025835	0.01	0	101%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01803	0.017984925		0.02	0	0	0.0056259	0.02	0	90%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959082	CAL2-162519	PST-8011-W	CAL2	;ECD.I\G123021\a	12/30/2021 2:20:	1	162519	12/28/2021	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	0.05163	0.051500925		0.05	0	0	0.0025835	0.01	0	103%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.04579	0.045675525		0.05	0	0	0.0056259	0.02	0	91%	70	130	0%	

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Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959083	CAL3-162519	PST-8011-W	CAL3	;ECD.I\G123021\	12/30/2021 2:40:	1	162519	12/28/2021	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	0.1022	0.1019445		0.1	0	0	0.0025835	0.01	0	102%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09542	0.09518145		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
14959084	CAL4-162519	PST-8011-W	CAL4	;ECD.I\G123021\	12/30/2021 3:00:	1	162519	12/28/2021	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	0.19995	0.199450125		0.2	0	0	0.0025835	0.01	0	100%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.19714	0.19664715		0.2	0	0	0.0056259	0.02	0	98%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959085	CAL5-162519	PST-8011-W	CAL5	;ECD.I\G123021\	12/30/2021 3:19:	1	162519	12/28/2021	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	0.39414	0.39315465		0.4	0	0	0.0025835	0.01	0	98%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.41487	0.413832825		0.4	0	0	0.0056259	0.02	0	103%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959086	CAL6-162519	PST-8011-W	CAL6	;ECD.I\G123021\	12/30/2021 3:39:	1	162519	12/28/2021	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	1.00249	0.999983775		1	0	0	0.0025835	0.01	0	100%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.99614	0.99364965		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
14959087	LCS-162519	PST-8011-W	ICV	;ECD.I\G123021\	12/30/2021 4:19:	1	162519	12/28/2021	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	0.23491	0.234322725		0.25	0	0	0.0025835	0.01	0	94%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08194	0.08173515		0.1	0	0	0.0056259	0.02	0	82%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959088	CK3-162607	PST-8011-W	CCV3	;ECD.I\G123021\	12/30/2021 4:39:	1	162607	12/30/2021	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	0.10144	0.1011864		0.1	0	0	0.0025835	0.01	0	101%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09249	0.092258775		0.1	0	0	0.0056259	0.02	0	92%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959089	MB-162607	PST-8011-W	MBLK	;ECD.I\G123021\	12/30/2021 4:58:	1	162607	12/30/2021	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	0.0812	0.080997		0.1	0	0	0.0056259	0.02	0	81%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959090	LCS-162607	PST-8011-W	LCS-DOD	;ECD.I\G123021\	12/30/2021 5:18:	1	162607	12/30/2021	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	0.22563	0.225065925		0.25	0	0	0.0025835	0.01	0	90%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.07978	0.07958055		0.1	0	0	0.0056259	0.02	0	80%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959091	LCS1-162607	PST-8011-W	LCS1	;ECD.I\G123021\	12/30/2021 5:38:	1	162607	12/30/2021	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	0.09704	0.0967974		0.1	0	0	0.0025835	0.01	0	97%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08046	0.08025885		0.1	0	0	0.0056259	0.02	0	80%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959092	B21010847-033	PST-8011-W	SAMP	;ECD.I\G123021\	12/30/2021 6:18:	1	162607	12/30/2021	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.07921	0.079011975		0.099	0	0	0.0056259	0.02	0	80%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959093	B21122077-001	PST-8011-W	SAMP	;ECD.I\G123021\	12/30/2021 6:38:	1	162607	12/30/2021	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	0.08051	0.0788998		0.098	0	0	0.0055272	0.02	0	81%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959094	B21122077-004	PST-8011-W	SAMP	;ECD.I\G123021\	12/30/2021 6:58:	1	162607	12/30/2021	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08065	0.080448375		0.099	0	0	0.0056259	0.02	0	81%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959095	B21122088-004	PST-8011-W	SAMP	;ECD.I\G123021\	12/30/2021 7:18:	1	162607	12/30/2021	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	0.08298	0.0813204		0.098	0	0	0.0055272	0.02	0	83%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959096	B21122090-001	PST-8011-W	SAMP	;ECD.I\G123021\	12/30/2021 7:38:	1	162607	12/30/2021	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	0.07763	0.074718875		0.097	0	0	0.0054285	0.02	0	77%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959097	B21122090-004	PST-8011-W	SAMP	;ECD.I\G123021\	12/30/2021 7:58:	1	162607	12/30/2021	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08003	0.079829925		0.1	0	0	0.0056259	0.02	0	80%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959098	B21122105-001	PST-8011-W	SAMP	;ECD.I\G123021\	12/30/2021 8:18:	1	162607	12/30/2021	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	0.08095	0.079331		0.098	0	0	0.0055272	0.02	0	81%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959099	B21122105-004	PST-8011-W	SAMP	;ECD.I\G123021\	12/30/2021 8:38:	1	162607	12/30/2021	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.07962	0.07942095		0.1	0	0	0.0056259	0.02	0	79%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959100	B21122088-001	PST-8011-W	SAMP	;ECD.I\G123021\	12/30/2021 8:58:	1	162607	12/30/2021	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	0.08382	0.0821436		0.098	0	0	0.0055272	0.02	0	84%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959101	B21122088-001	PST-8011-W	MS-DOD	;ECD.I\G123021\	12/30/2021 9:18:	1	162607	12/30/2021	1E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.22726	0.21873775		0.2425	0	0	0.0024929	0.01	0	90%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08535	0.082149375		0.097	0	0	0.0054285	0.02	0	85%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959102	B21122088-001	PST-8011-W	MSD-DOD	;ECD.I\G123021\	12/30/2021 9:38:	1	162607	12/30/2021	1E+07	1E+07	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.2635	0.25361875		0.24	0	0.2187378	0.0024929	0.01	0	106%	60	140	15%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10204	0.0982135		0.096	0	0	0.0054285	0.02	0	102%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14959103	CK5-162607	PST-8011-W	CCV4	;ECD.I\G123021\4	12/30/2021 10:1	1	162607	12/30/2021	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	0.40757	0.406551075		0.4	0	0	0.0025835	0.01	0	102%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.43251	0.431428725		0.4	0	0	0.0056259	0.02	0	108%	80	120	0%	

Write Sequence

Insert Entries(Have the first cell for entries selecte

Data File	Sample Name
G:\org\GECD.i\G123021.b\G1230_001	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G123021.b\G1230_002	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G123021.b\G1230_003	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G123021.b\G1230_004	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G123021.b\G1230_005	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G123021.b\G1230_006	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G123021.b\G1230_007	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G123021.b\G1230_008	Hexane ;
G:\org\GECD.i\G123021.b\G1230_009	CAL1-162519 ;
G:\org\GECD.i\G123021.b\G1230_010	CAL7-162519 ;
G:\org\GECD.i\G123021.b\G1230_011	CAL2-162519 ;
G:\org\GECD.i\G123021.b\G1230_012	CAL3-162519 ;
G:\org\GECD.i\G123021.b\G1230_013	CAL4-162519 ;
G:\org\GECD.i\G123021.b\G1230_014	CAL5-162519 ;
G:\org\GECD.i\G123021.b\G1230_015	CAL6-162519 ;
G:\org\GECD.i\G123021.b\G1230_016	Hexane ;
G:\org\GECD.i\G123021.b\G1230_017	LCS-162519 ;
G:\org\GECD.i\G123021.b\G1230_018	CK3-162607 ;
G:\org\GECD.i\G123021.b\G1230_019	MB-162607 ;
G:\org\GECD.i\G123021.b\G1230_020	LCS-162607 ;
G:\org\GECD.i\G123021.b\G1230_021	LCS1-162607 ;
G:\org\GECD.i\G123021.b\G1230_022	Hexane;;
G:\org\GECD.i\G123021.b\G1230_023	B21010847-033A ;$PST-8011-W,
G:\org\GECD.i\G123021.b\G1230_024	B21122077-001H ;$PST-8011-W,
G:\org\GECD.i\G123021.b\G1230_025	B21122077-004A ;$PST-8011-W,
G:\org\GECD.i\G123021.b\G1230_026	B21122088-004A ;$PST-8011-W,
G:\org\GECD.i\G123021.b\G1230_027	B21122090-001H ;$PST-8011-W,
G:\org\GECD.i\G123021.b\G1230_028	B21122090-004A ;$PST-8011-W,
G:\org\GECD.i\G123021.b\G1230_029	B21122105-001H ;$PST-8011-W,
G:\org\GECD.i\G123021.b\G1230_030	B21122105-004A ;$PST-8011-W,
G:\org\GECD.i\G123021.b\G1230_031	B21122088-001H ;$PST-8011-W,
G:\org\GECD.i\G123021.b\G1230_032	B21122088-001HMS ;$PST-8011-W,
G:\org\GECD.i\G123021.b\G1230_033	B21122088-001HMSD ;$PST-8011-W,
G:\org\GECD.i\G123021.b\G1230_034	Hexane;;
G:\org\GECD.i\G123021.b\G1230_035	CK5-162607 ;
G:\org\GECD.i\G123021.b\G1230_036	
G:\org\GECD.i\G123021.b\G1230_037	
G:\org\GECD.i\G123021.b\G1230_038	
G:\org\GECD.i\G123021.b\G1230_039	
G:\org\GECD.i\G123021.b\G1230_040	
G:\org\GECD.i\G123021.b\G1230_041	
G:\org\GECD.i\G123021.b\G1230_042	
G:\org\GECD.i\G123021.b\G1230_043	
G:\org\GECD.i\G123021.b\G1230_044	
G:\org\GECD.i\G123021.b\G1230_045	
G:\org\GECD.i\G123021.b\G1230_046	
G:\org\GECD.i\G123021.b\G1230_047	
G:\org\GECD.i\G123021.b\G1230_048	
G:\org\GECD.i\G123021.b\G1230_049	

Quantitative Analysis Results Summary Report

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Batch Path	D:\Org\Data\GECD.I\G123021\aiaexport\QuantResults\G123021_8011_W_CLT.batch.bin		
Analysis Time	1/5/2022 10:51 AM	**Analyst Name**	BL2000\srcox
Report Time	1/5/2022 10:52:57 AM	**Reporter Name**	BL2000\srcox
Last Calib Update	1/3/2022 12:01 PM	**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
G1230_009.0009.D	CAL1-162519	CC		0	1	testAcqFileNamePath
G1230_010.0010.D	CAL7-162519	CC		0	7	testAcqFileNamePath
G1230_011.0011.D	CAL2-162519	CC		0	2	testAcqFileNamePath
G1230_012.0012.D	CAL3-162519	CC		0	3	testAcqFileNamePath
G1230_013.0013.D	CAL4-162519	CC		0	4	testAcqFileNamePath
G1230_014.0014.D	CAL5-162519	CC		0	5	testAcqFileNamePath
G1230_015.0015.D	CAL6-162519	CC		0	6	testAcqFileNamePath
G1230_017.0017.D	LCS-162519	QC		0	LCS	testAcqFileNamePath
G1230_019.0019.D	MB-162607	MethodBlank		0		testAcqFileNamePath

Quantitation Results

Compound: 1,2-Dibromoethane

Data File	Sample Type	RT	Resp	Final Conc	Exp. Conc	Accuracy
G1230_009.0009.D	CC	2.383	2063	0.0094	0.0100	94.4
G1230_010.0010.D	CC	2.383	4449	0.0203	0.0200	101.4
G1230_011.0011.D	CC	2.383	11302	0.0516	0.0500	103.3
G1230_012.0012.D	CC	2.383	22232	0.1022	0.1000	102.2
G1230_013.0013.D	CC	2.383	42923	0.1999	0.2000	100.0
G1230_014.0014.D	CC	2.383	82312	0.3941	0.4000	98.5
G1230_015.0015.D	CC	2.381	190934	1.0025	1.0000	100.2
G1230_017.0017.D	QC	2.383	50182	0.2349	0.2500	94.0
G1230_019.0019.D	Blank	2.478	0	ND		

Compound: 1,1,1,2-Tetrachloroethane

Data File	Sample Type	RT	Resp	Final Conc	Exp. Conc	Accuracy
G1230_009.0009.D	CC	2.930	527	0.0121	0.0100	120.9
G1230_010.0010.D	CC	2.927	2869	0.0180	0.0200	90.1
G1230_011.0011.D	CC	2.923	13923	0.0458	0.0500	91.6
G1230_012.0012.D	CC	2.922	34083	0.0954	0.1000	95.4
G1230_013.0013.D	CC	2.923	76976	0.1971	0.2000	98.6
G1230_014.0014.D	CC	2.923	175933	0.4149	0.4000	103.7
G1230_015.0015.D	CC	2.920	487795	0.9961	1.0000	99.6
G1230_017.0017.D	QC	2.923	28556	0.0819	0.1000	81.9
G1230_019.0019.D	Blank	2.922	28255	0.0812		

Initial Calibration Report - WJB

Method Path	\\MASSHUNTER\Org\Data\GECD.I\GECD_methods
Method File	G123021_8011_W_SRC.m
Batch Name	D:\Org\Data\GECD.I\G123021\aiaexport\QuantResults\G123021_8011_W_CLT.batch.bin
Last Calib Update	1/3/2022 12:01:23 PM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	D:\Org\Data\GECD.I\G123021\aiaexport\G1230_009.0009.D	12/30/2021 1:40:20 PM	1/3/2022 12:01:23 PM
7	D:\Org\Data\GECD.I\G123021\aiaexport\G1230_010.0010.D	12/30/2021 2:00:24 PM	1/3/2022 12:01:23 PM
2	D:\Org\Data\GECD.I\G123021\aiaexport\G1230_011.0011.D	12/30/2021 2:20:10 PM	1/3/2022 12:01:23 PM
3	D:\Org\Data\GECD.I\G123021\aiaexport\G1230_012.0012.D	12/30/2021 2:40:05 PM	1/3/2022 12:01:23 PM
4	D:\Org\Data\GECD.I\G123021\aiaexport\G1230_013.0013.D	12/30/2021 3:00:06 PM	1/3/2022 12:01:23 PM
5	D:\Org\Data\GECD.I\G123021\aiaexport\G1230_014.0014.D	12/30/2021 3:19:54 PM	1/3/2022 12:01:23 PM
6	D:\Org\Data\GECD.I\G123021\aiaexport\G1230_015.0015.D	12/30/2021 3:39:41 PM	1/3/2022 12:01:23 PM

Compound	Curve Fit	1	7	2	3	4	5	6	Avg RF	%RSD
M 1,2-Dibromoethane	Quadratic	206294	222472	226048	222320	214613	205780	190934	212637	5.863
S 1,1,1,2-Tetrachloroethane	Quadratic	52744	143467	278458	340826	384878	439833	487795	304000	51.956

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

Compounds with Curve fitting not using Avg Response Factor:

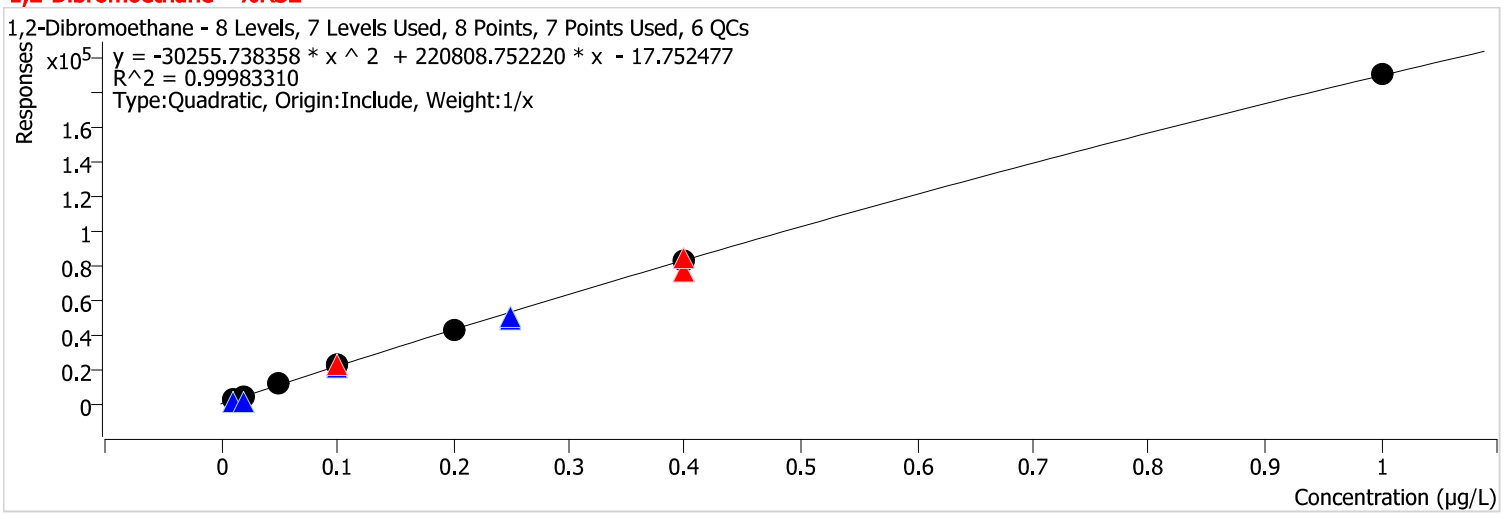
Compound	Curve Fit	Curve Fit Formula	Curve Fit R2
M 1,2-Dibromoethane	Quadratic	y = -30255.738358 * x ^ 2 + 220808.752220 * x - 17.752477	0.999833
S 1,1,1,2-Tetrachloroethane	Quadratic	y = 102663.446999 * x ^ 2 + 391655.509037 * x - 4224.558324	0.999023

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

Calibration Report

Batch Path	D:\Org\Data\GECD.I\G123021\aiaexport\QuantResults\G123021_8011_W_CLT.batch.bin		
Analysis Time	1/5/2022 10:51 AM	**Analyst Name**	BL2000\srcox
Report Time	1/5/2022 11:00:46 AM	**Reporter Name**	BL2000\srcox
Last Calib Update	1/3/2022 12:01 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dibromoethane %RSE =

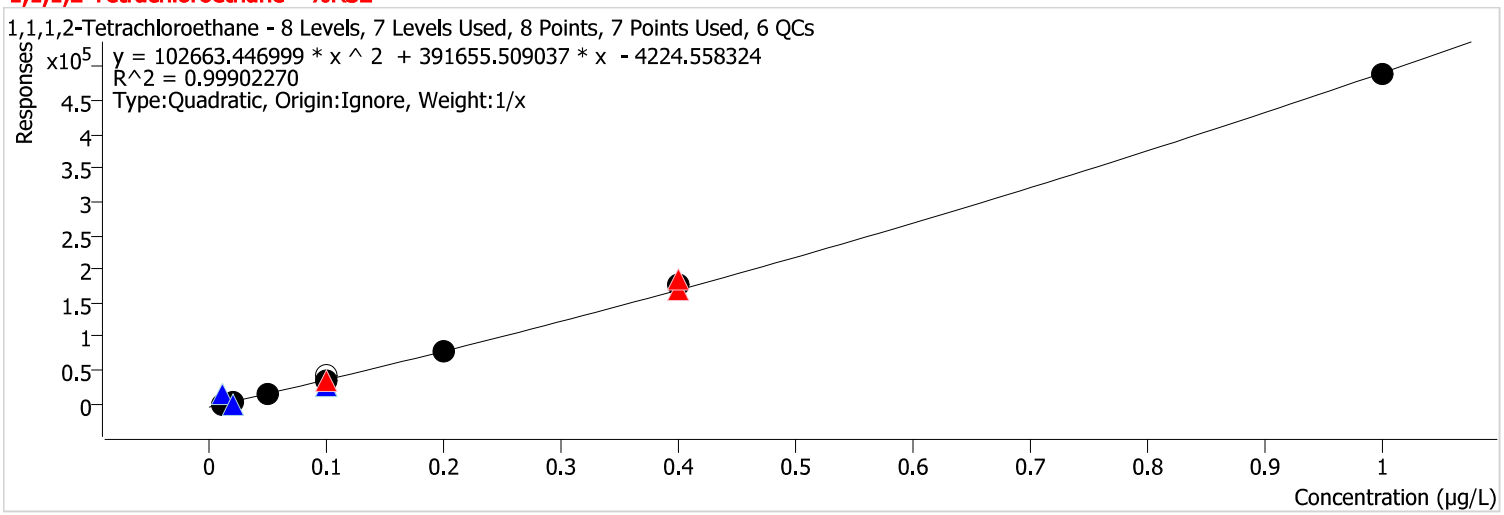


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\GECD.I\G092121\aiaexport\G0921_026.0026.D	QC	1	x	1707	0.0100	170728.9447	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_009.0009.D	Calibration	1	x	2063	0.0100	206293.5933	
D:\Org\Data\GECD.I\G091321\aiaexport\G0913_018.0018.D	QC	7	x	1335	0.0200	66739.7425	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_010.0010.D	Calibration	7	x	4449	0.0200	222471.6191	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_011.0011.D	Calibration	2	x	11302	0.0500	226047.6813	
\\MASSHUNTER\Org\Data\GECD.I\G111820\aiaexport\G1118_016.0016.D	Calibration	CC3		22970	0.1000		
D:\Org\Data\GECD.I\G081021\aiaexport\G0810_016.0016.D	QC	CC3		21004	0.1000	210042.4247	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_061.0061.D	CC	CC3		19101	0.1000	191007.5606	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_021.0021.D	QC	LCS1	x	21125	0.1000	211253.7099	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_018.0018.D	CC	3	x	22069	0.1000	220687.3157	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_012.0012.D	Calibration	3	x	22232	0.1000	222319.9854	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_013.0013.D	Calibration	4	x	42923	0.2000	214612.8776	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_020.0020.D	QC	LCS	x	48263	0.2500	193050.7408	2.757718
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_017.0017.D	QC	LCS	x	50182	0.2500	200729.4604	2.757718
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_074.0074.D	CC	CC5	x	77330	0.4000	193324.5351	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_035.0035.D	CC	5	x	84952	0.4000	212380.5240	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_014.0014.D	Calibration	5	x	82312	0.4000	205780.2966	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_015.0015.D	Calibration	6	x	190934	1.0000	190933.6559	

Calibration Report

Batch Path	D:\Org\Data\GECD.I\G123021\aiaexport\QuantResults\G123021_8011_W_CLT.batch.bin		
Analysis Time	1/5/2022 10:51 AM	**Analyst Name**	BL2000\srcox
Report Time	1/5/2022 11:00:51 AM	**Reporter Name**	BL2000\srcox
Last Calib Update	1/3/2022 12:01 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

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

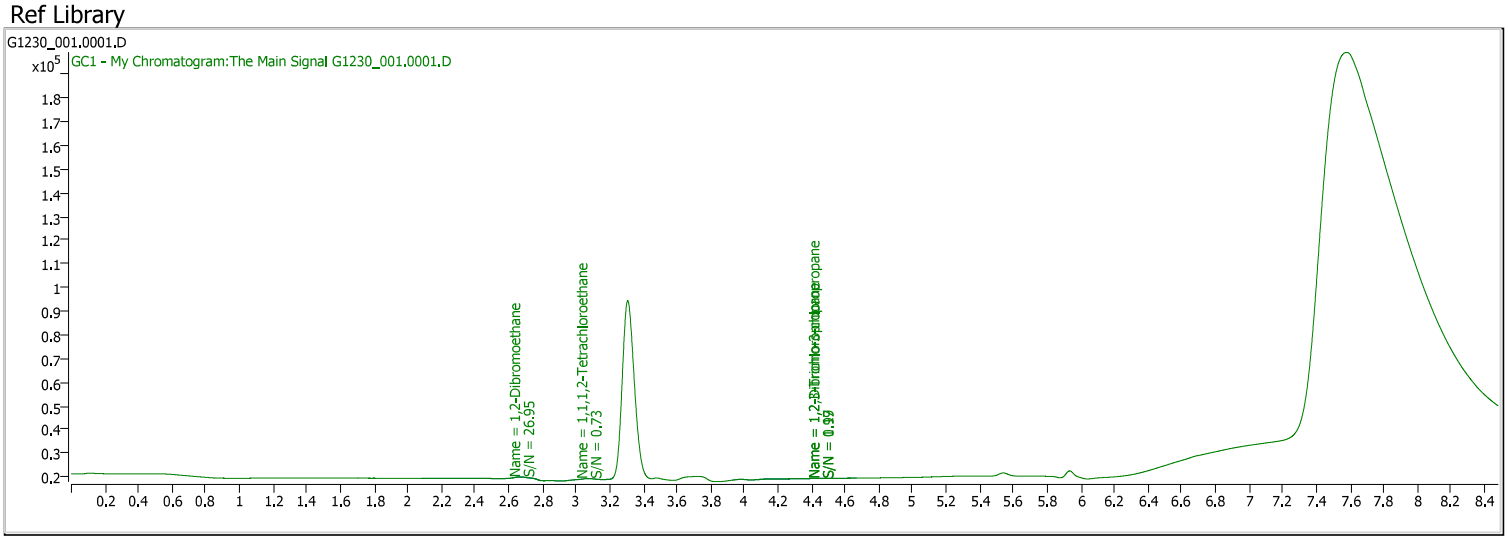


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\GECD.I\G092121\aiaexport\G0921_026.0026.D	QC	1	x	15026	0.0100	1502610.5883	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_009.0009.D	Calibration	1	x	527	0.0100	52743.7492	
D:\Org\Data\GECD.I\G091321\aiaexport\G0913_018.0018.D	QC	7	x	686	0.0200	34275.7771	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_010.0010.D	Calibration	7	x	2869	0.0200	143467.1470	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_011.0011.D	Calibration	2	x	13923	0.0500	278458.3362	
\\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	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_021.0021.D	QC	LCS1	x	27955	0.1000	279545.6033	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_020.0020.D	QC	LCS	x	27686	0.1000	276858.0515	0.131902
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_018.0018.D	CC	3	x	32878	0.1000	328784.2460	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_017.0017.D	QC	LCS	x	27737	0.1000	277374.9797	0.131902
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_012.0012.D	Calibration	3	x	34083	0.1000	340825.5266	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_013.0013.D	Calibration	4	x	76976	0.2000	384877.6090	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_074.0074.D	CC	CC5	x	169695	0.4000	424236.9956	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_035.0035.D	CC	5	x	184373	0.4000	460932.3101	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_014.0014.D	Calibration	5	x	175933	0.4000	439833.3327	
D:\Org\Data\GECD.I\G123021\aiaexport\G1230_015.0015.D	Calibration	6	x	487795	1.0000	487794.5542	

Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

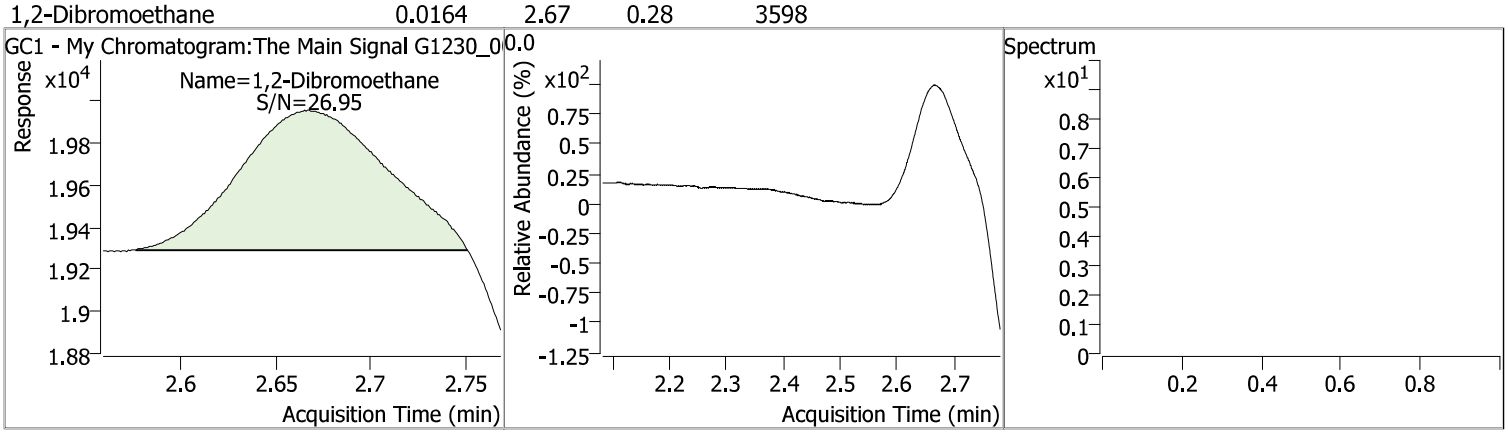
Data File	G1230_001.0001.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 10:37:06 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



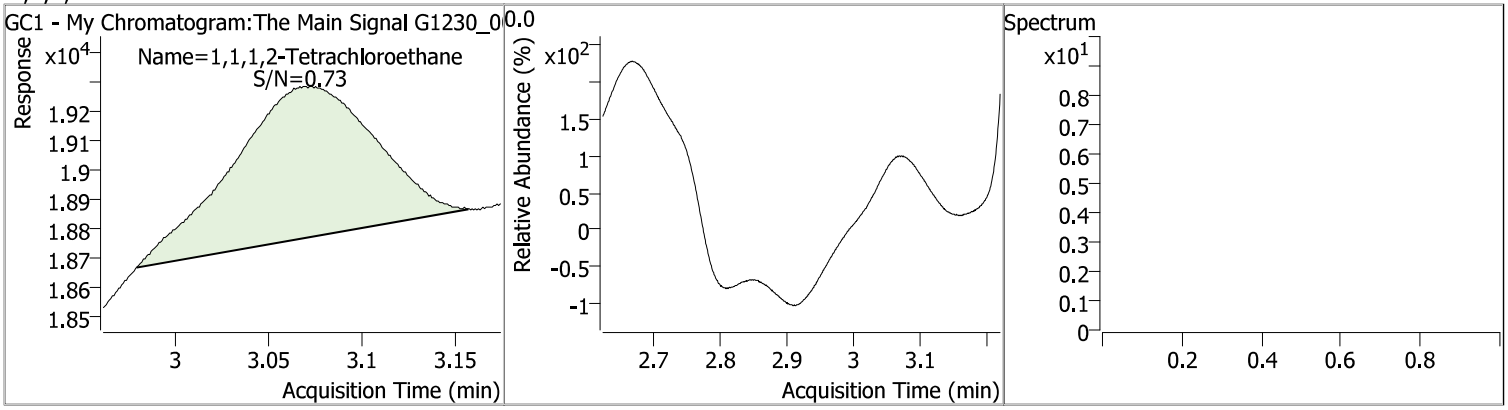
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.067	0.0	2756	0.0177	µg/L		0.145
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 17.74%		*	
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.668	0.0	3598	0.0164	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	0.0164	2.67	0.28	3598				



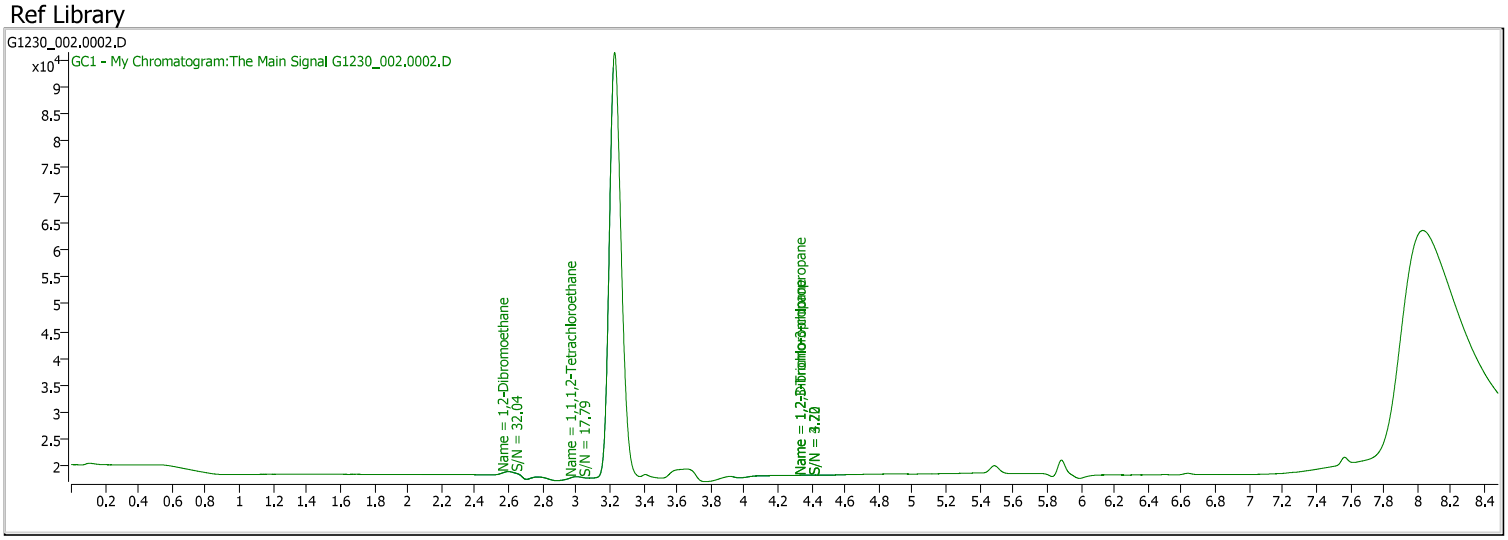
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0177	3.07	0.14	2756				



Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

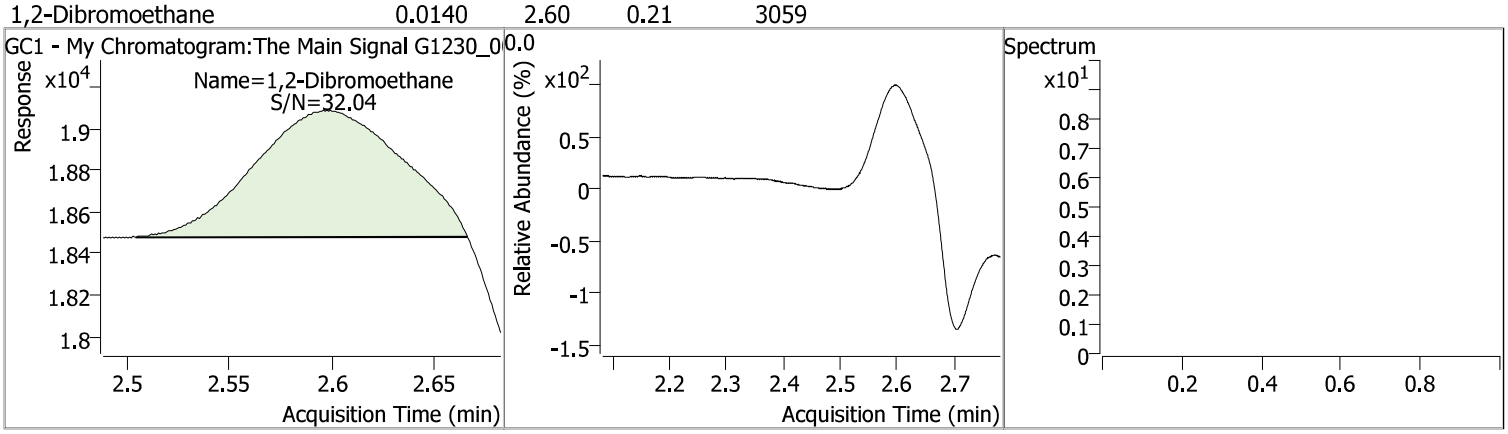
Data File	G1230_002.0002.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 10:56:53 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



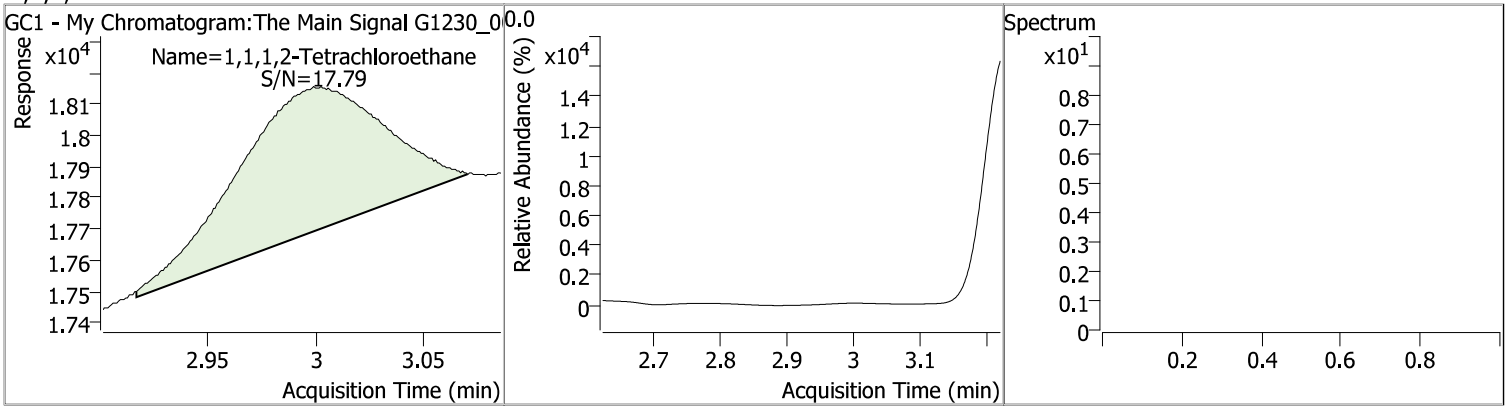
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.999	0.0	2196	0.0163	µg/L		0.077
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 16.32%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.596	0.0	3059	0.0140	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	0.0140	2.60	0.21	3059				



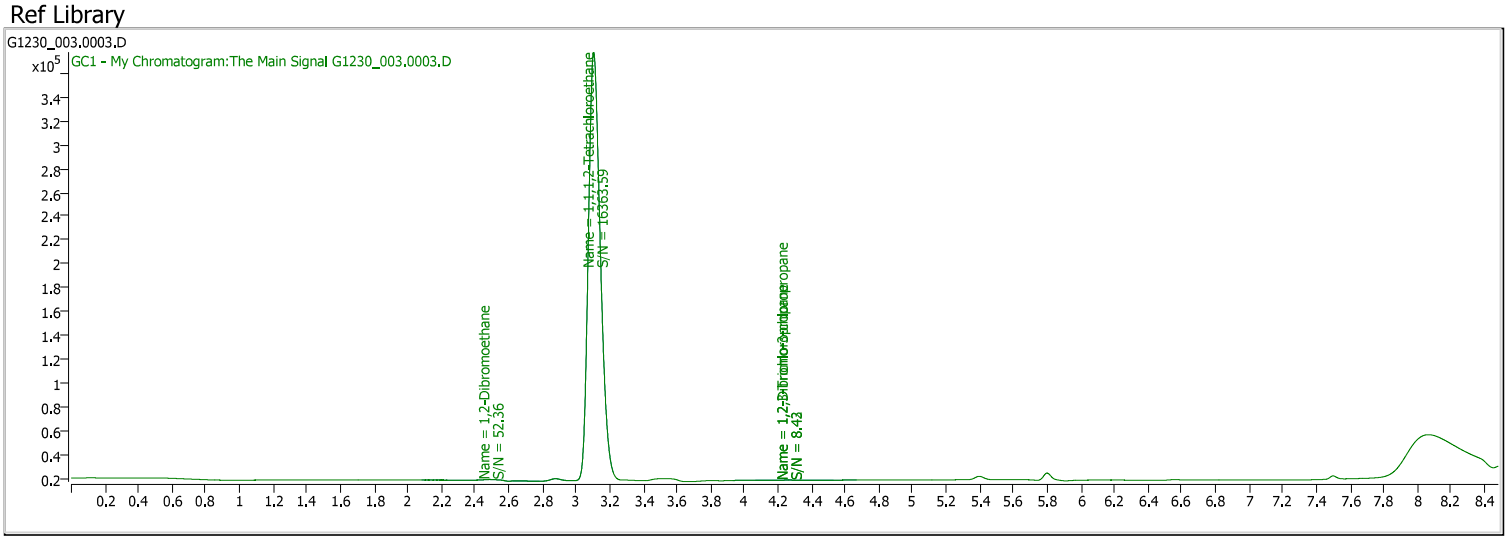
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0163	3.00	0.08	2196				



Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

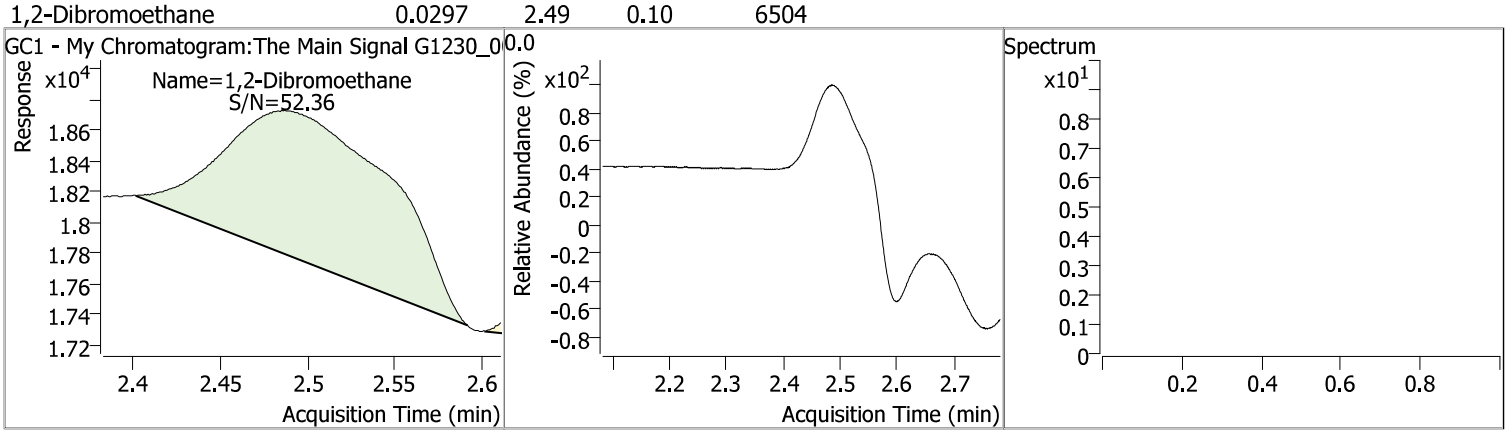
Data File	G1230_003.0003.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 11:17:09 AM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



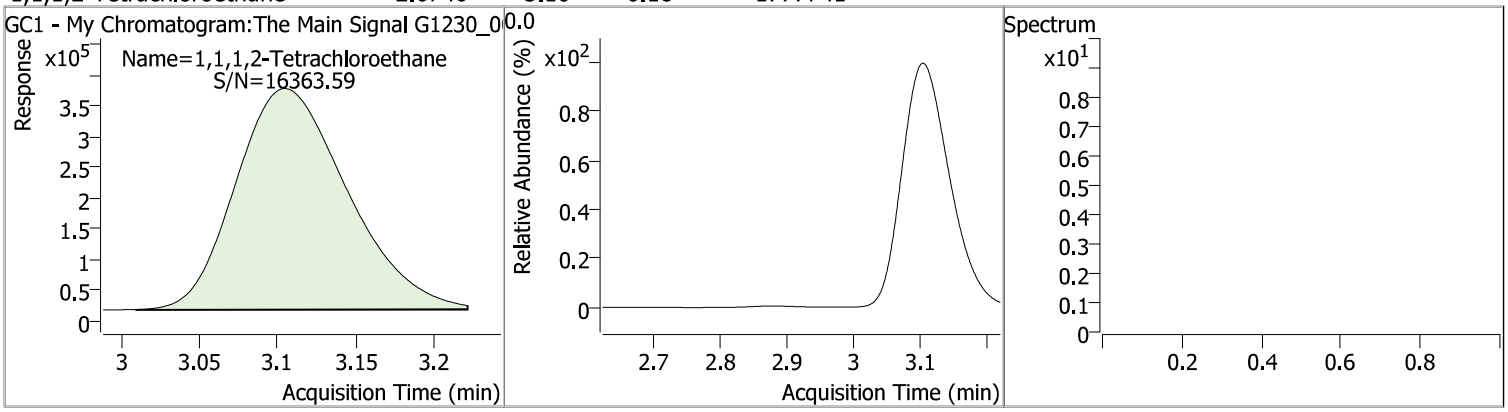
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.104	0.0	1777741	2.6746	µg/L		0.182
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 2674.64%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.485	0.0	6504	0.0297	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	0.0297	2.49	0.10	6504				

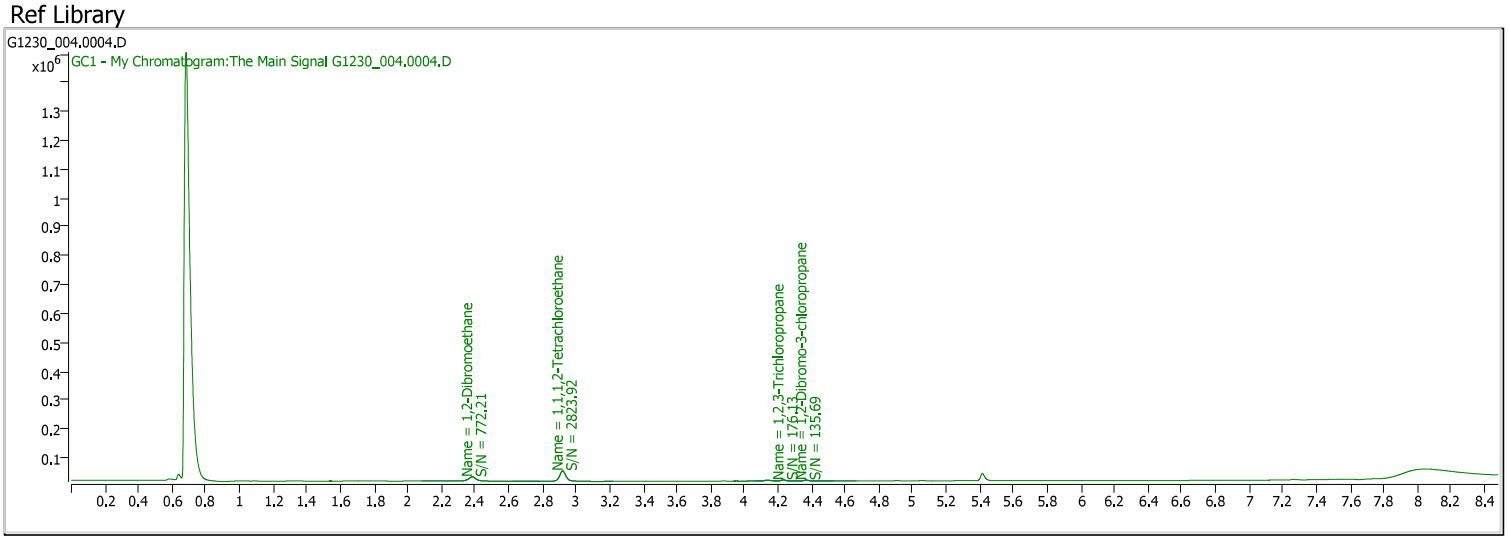


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	2.6746	3.10	0.18	1777741				



Quantitation Results Report (QT Reviewed)

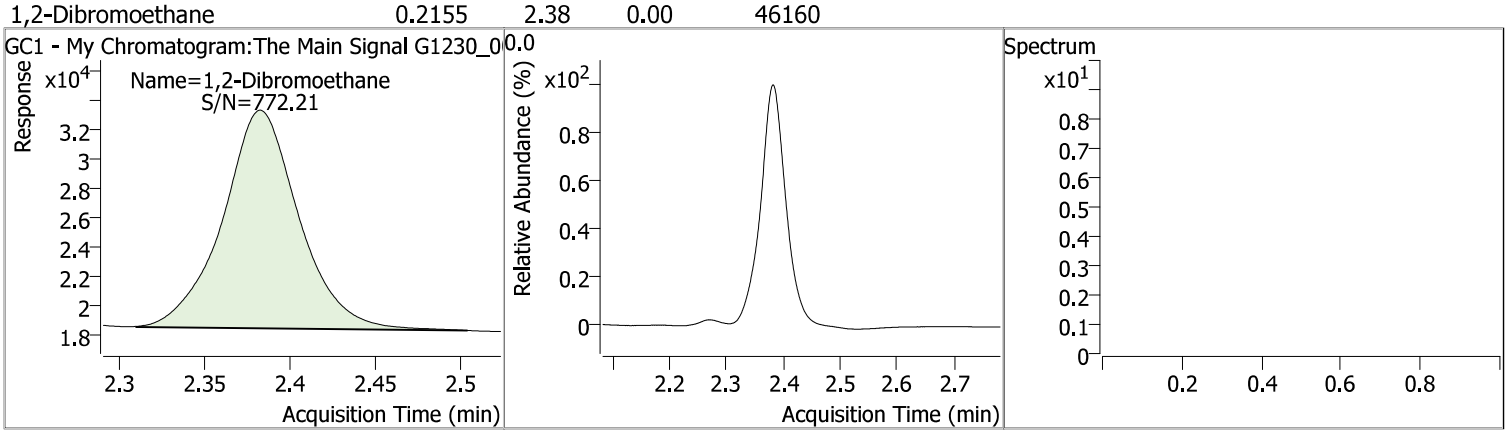
Data File	G1230_004.0004.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 12:01:19 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



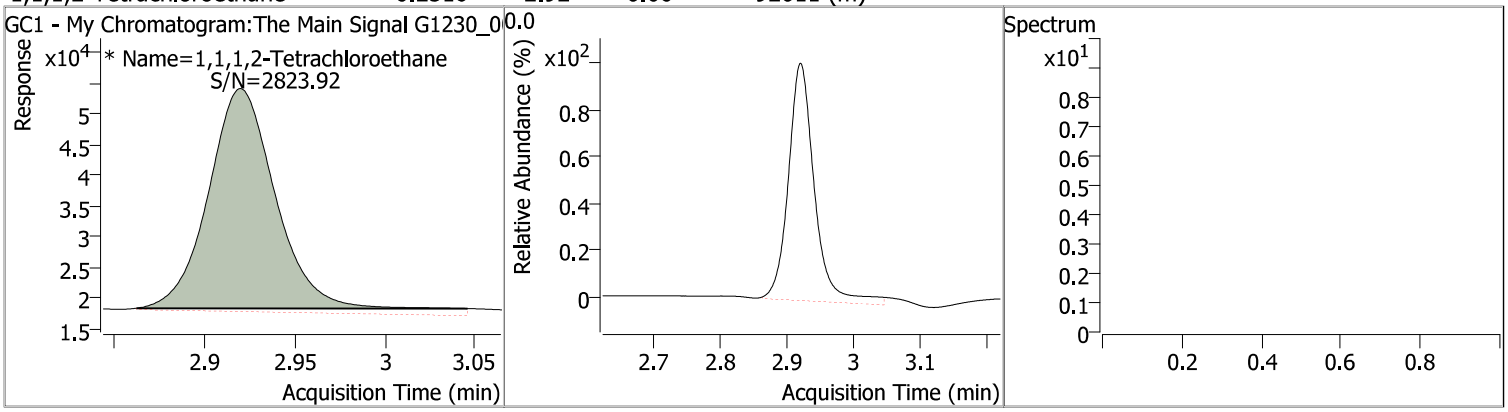
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.920	0.0	92011	0.2316	µg/L	m	-0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 231.65%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.383	0.0	46160	0.2155	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	0.2155	2.38	0.00	46160				

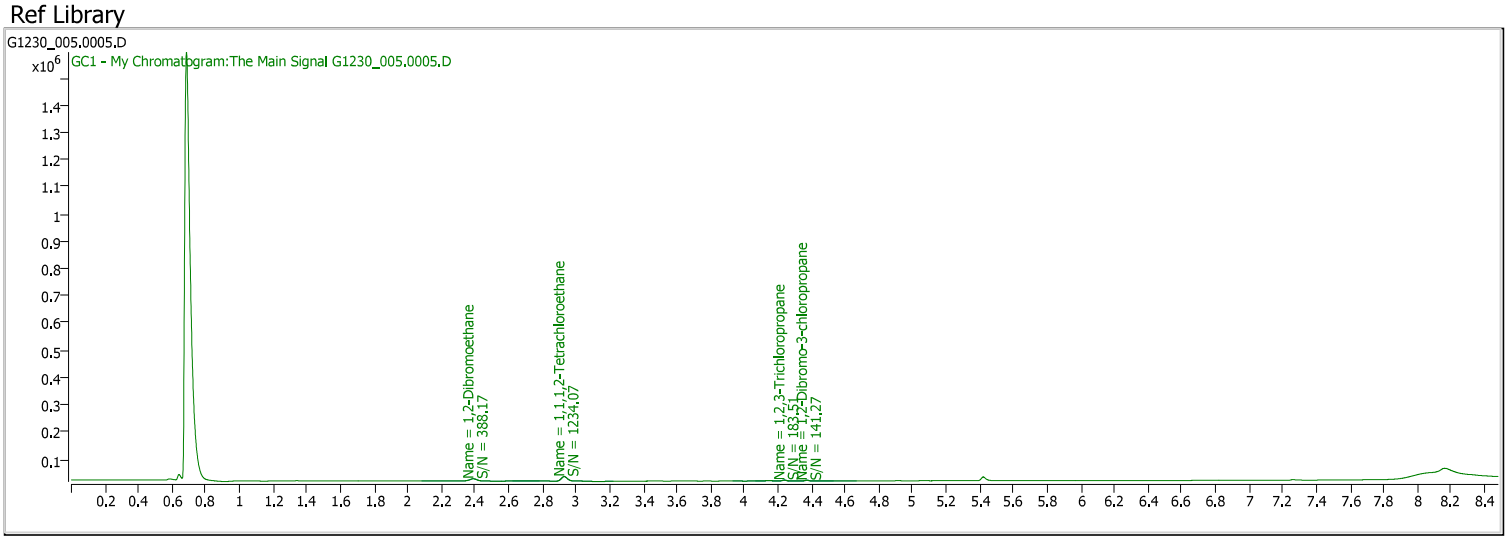


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.2316	2.92	0.00	92011 (m)				



Quantitation Results Report (QT Reviewed)

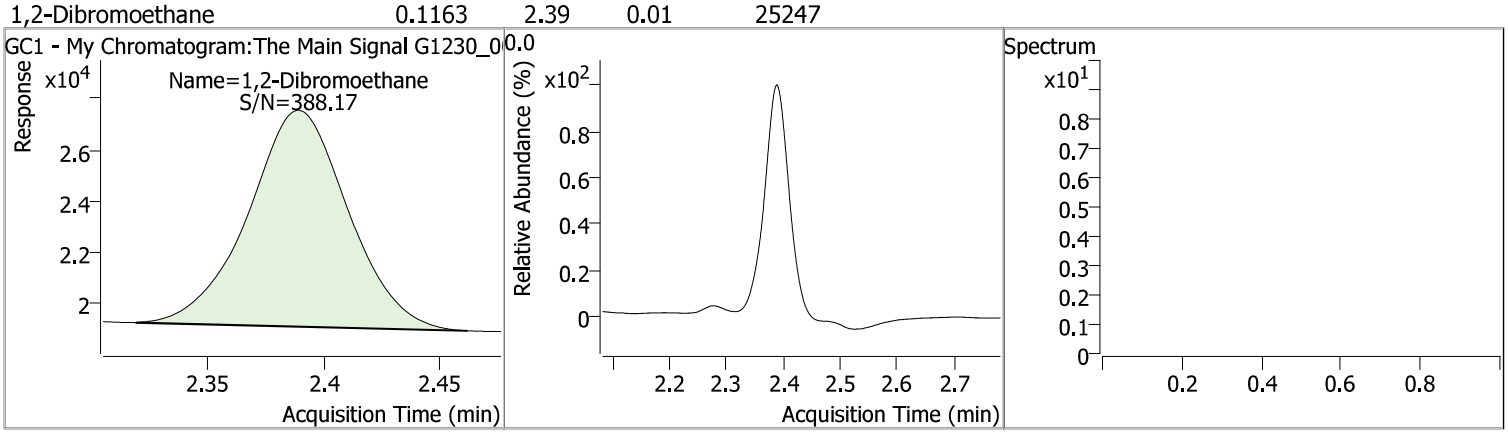
Data File	G1230_005.0005.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 12:20:40 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



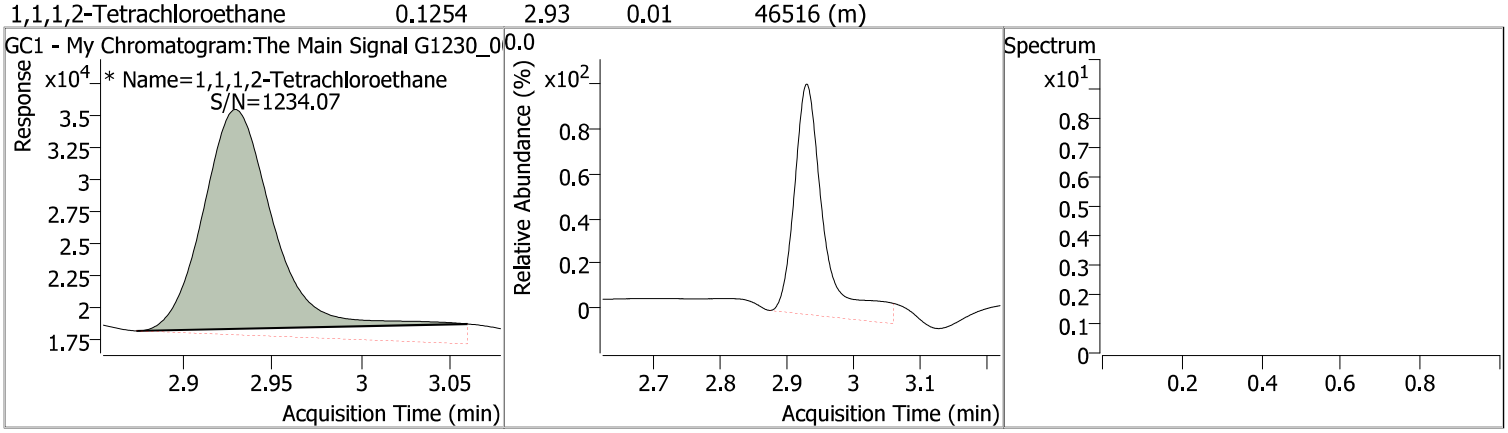
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.929	0.0	46516	0.1254	µg/L	m	0.007
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 125.43%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.389	0.0	25247	0.1163	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	0.1163	2.39	0.01	25247				

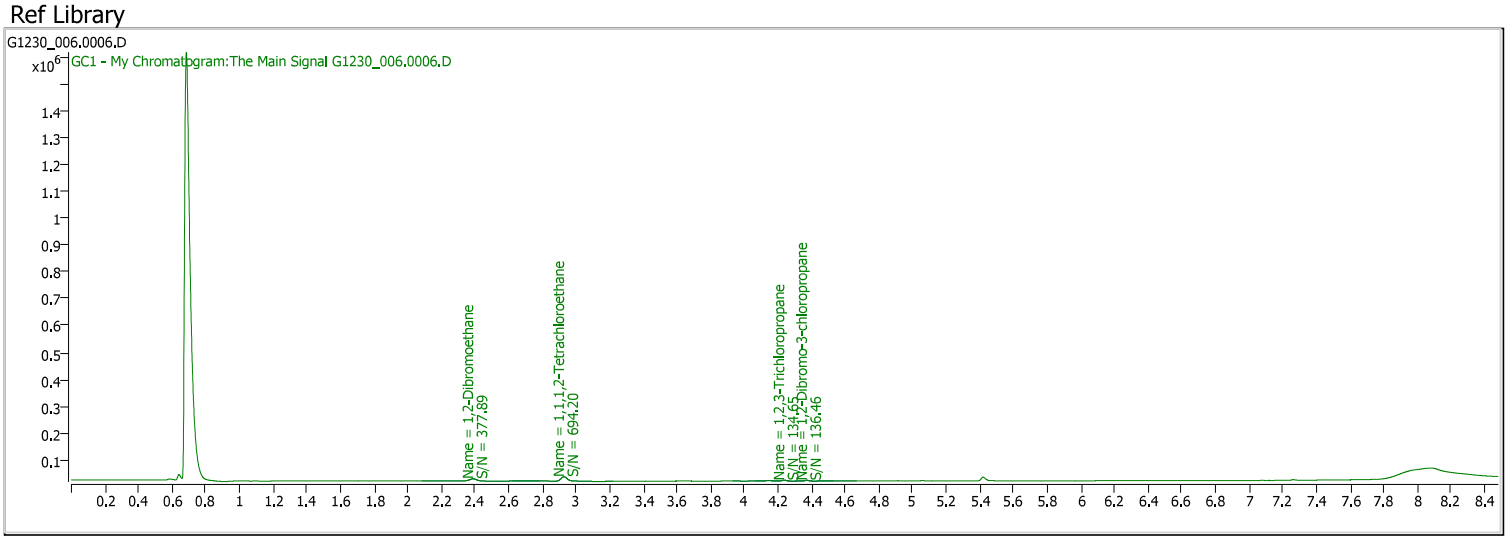


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1254	2.93	0.01	46516 (m)				



Quantitation Results Report (QT Reviewed)

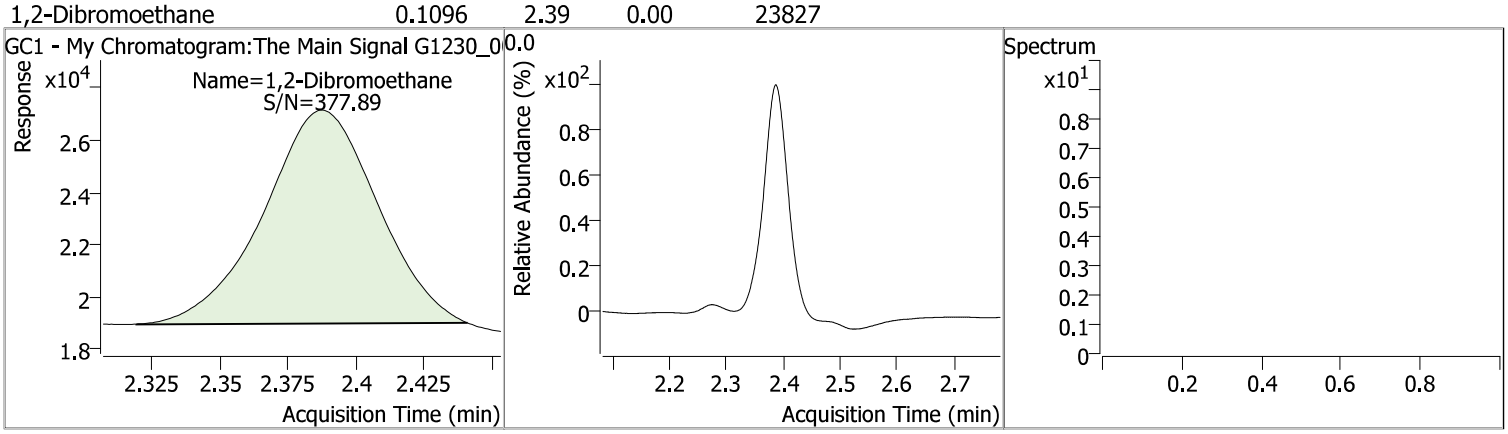
Data File	G1230_006.0006.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 12:40:32 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



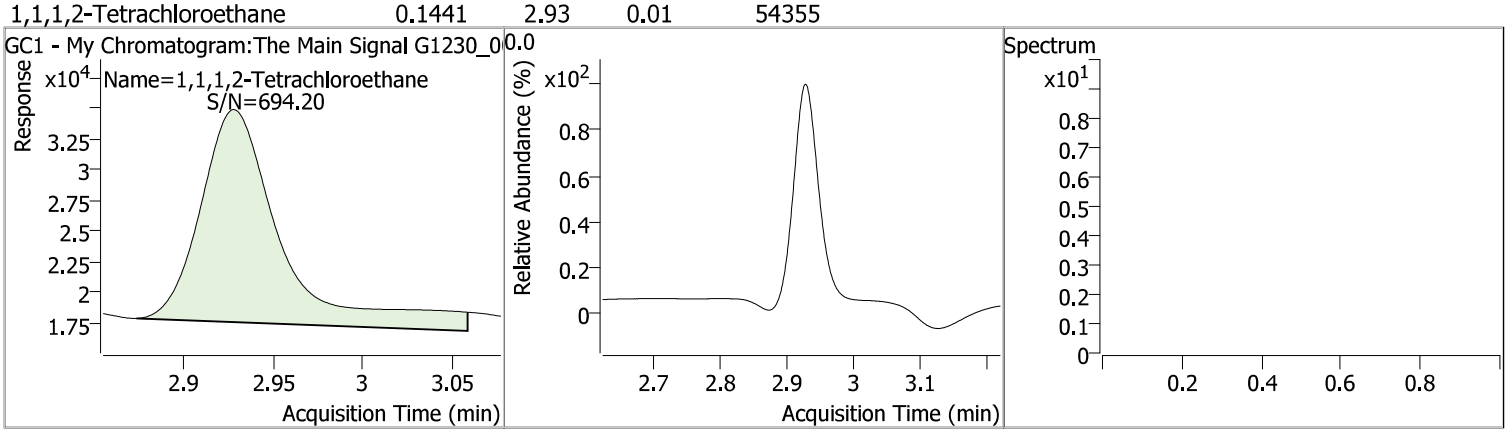
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.928	0.0	54355	0.1441	µg/L		0.006
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 144.12%		*	
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.388	0.0	23827	0.1096	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	0.1096	2.39	0.00	23827				

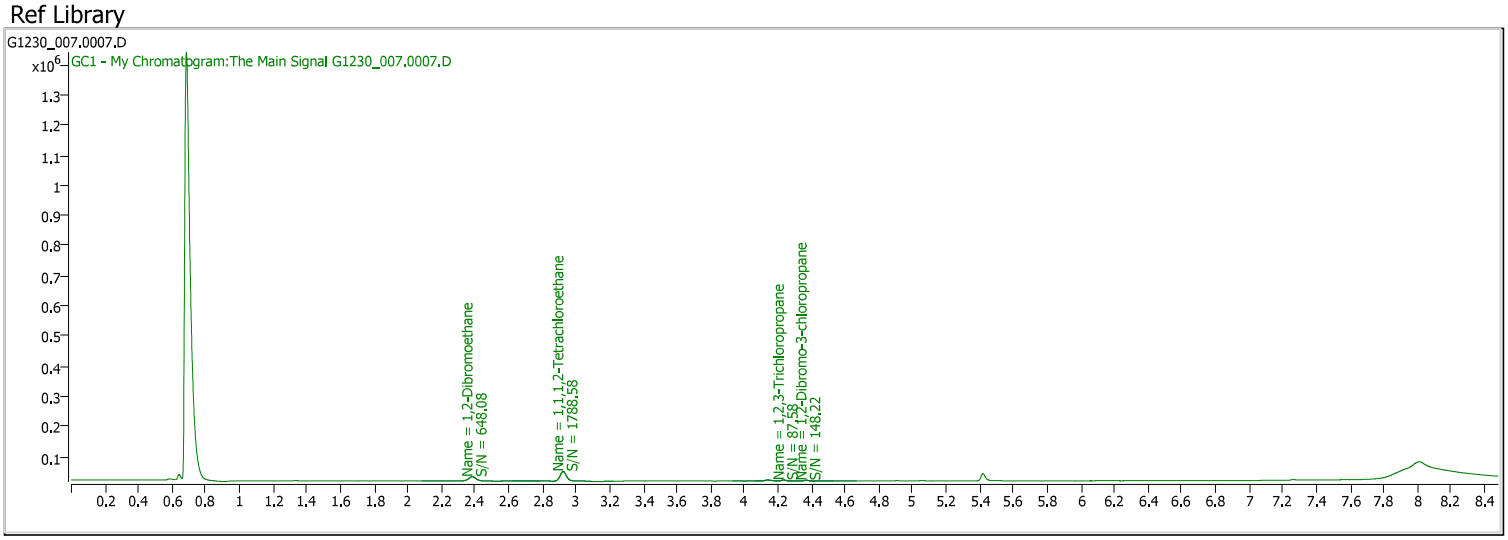


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1441	2.93	0.01	54355				



Quantitation Results Report (QT Reviewed)

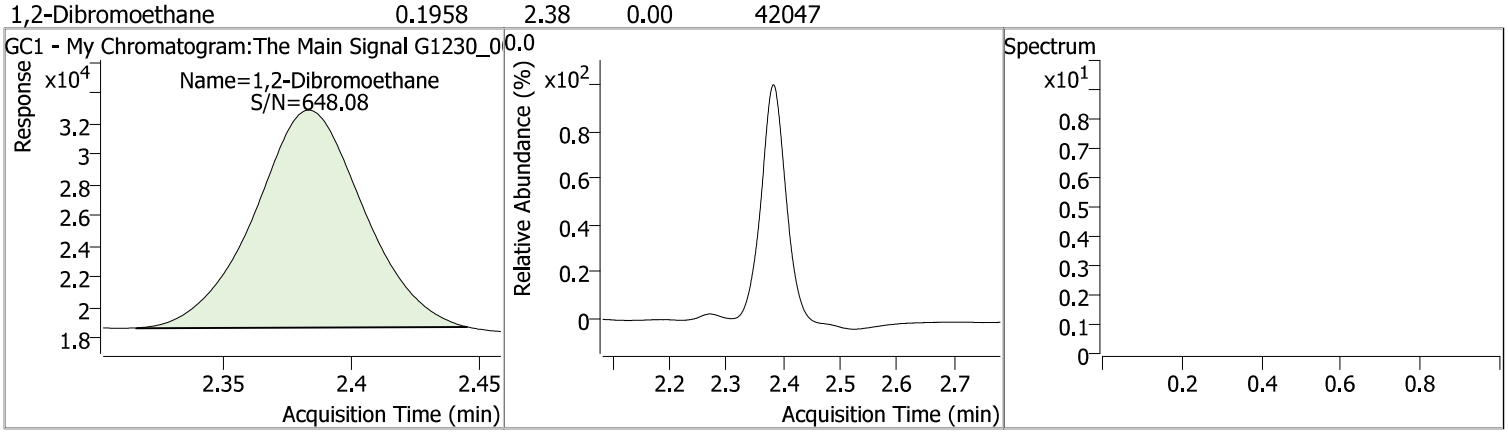
Data File	G1230_007.0007.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 1:00:37 PM
Sample Name	8011Primer	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



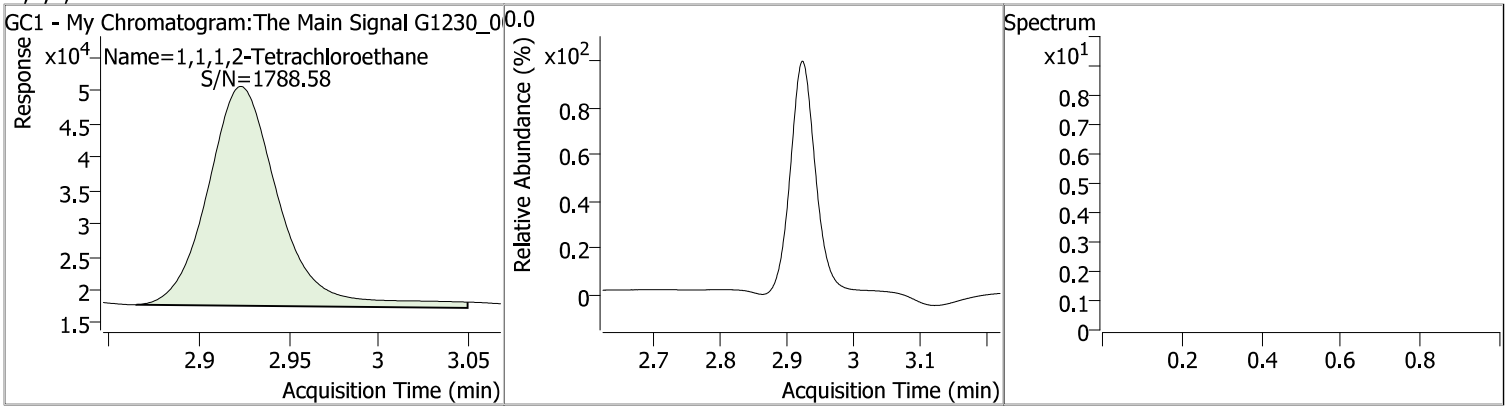
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.923	0.0	91210	0.2298	µg/L		0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 229.82%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.383	0.0	42047	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	2.38	0.00	42047				

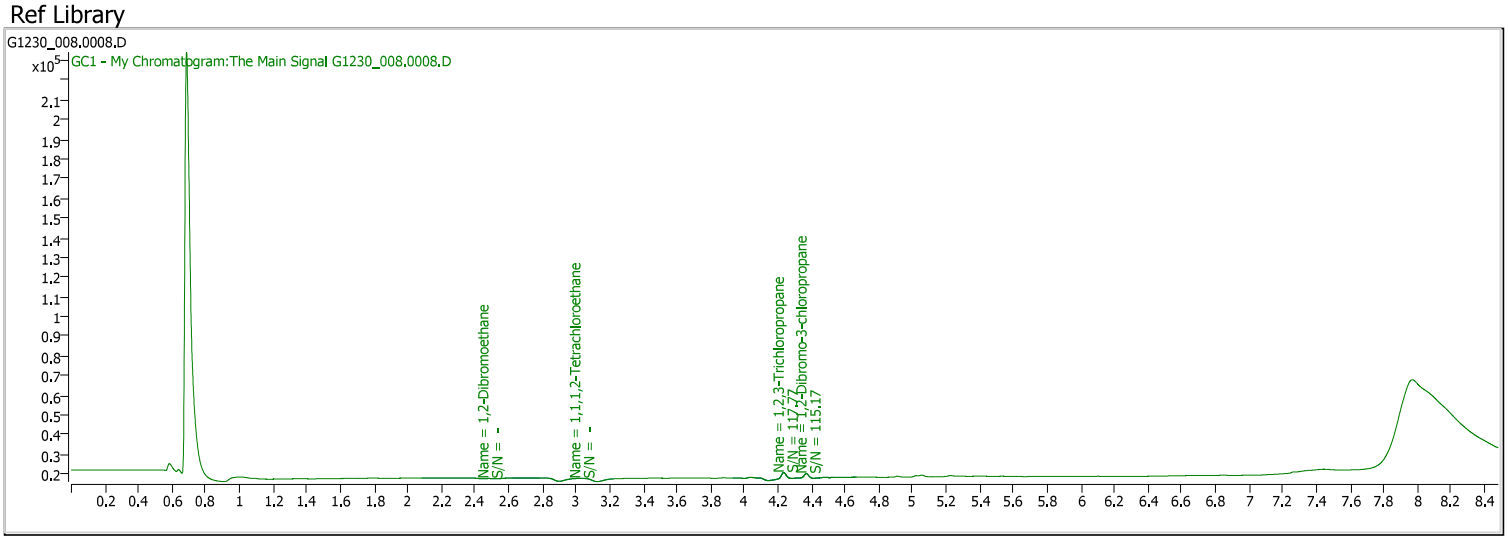


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.2298	2.92	0.00	91210				



Quantitation Results Report (QT Reviewed)

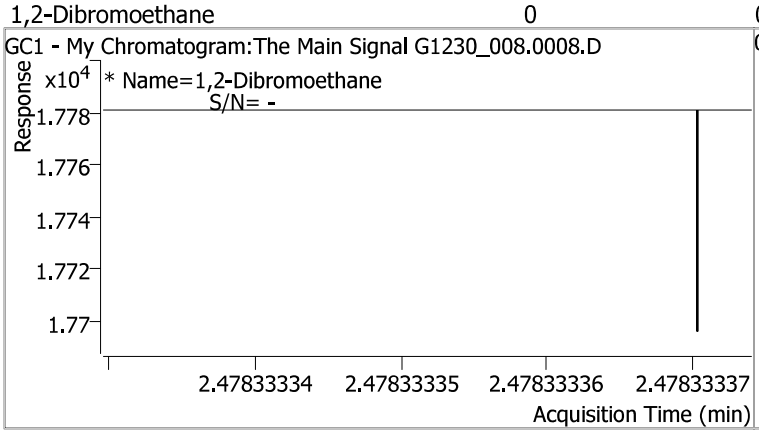
Data File	G1230_008.0008.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 1:20:36 PM
Sample Name	Hexane	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			

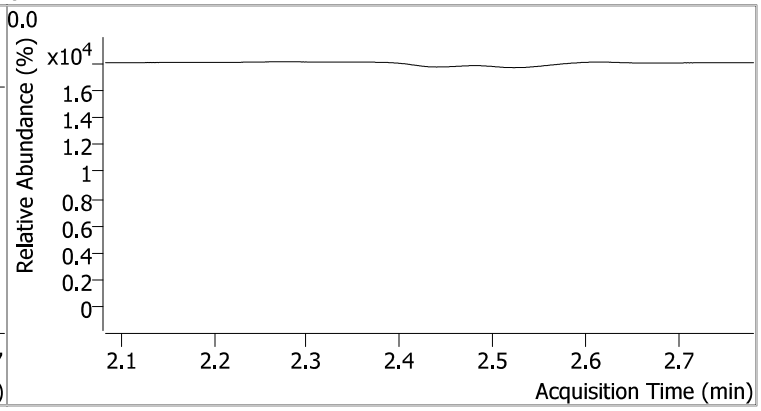


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.025	0.0	0		µg/L	md	0.103
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.478	0.0	0		µg/L	md	1

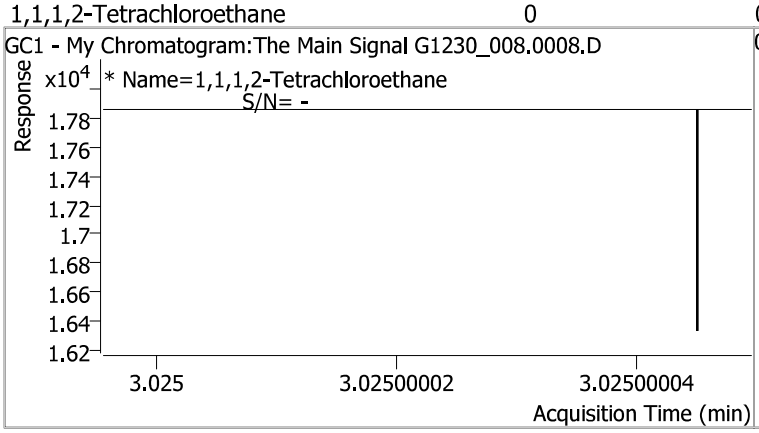
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

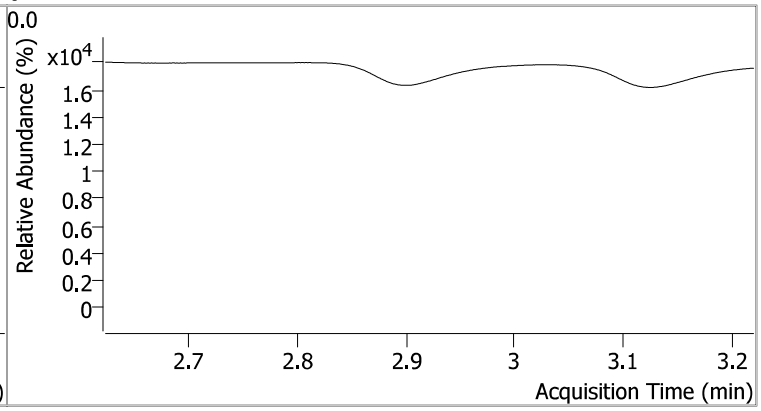
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





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

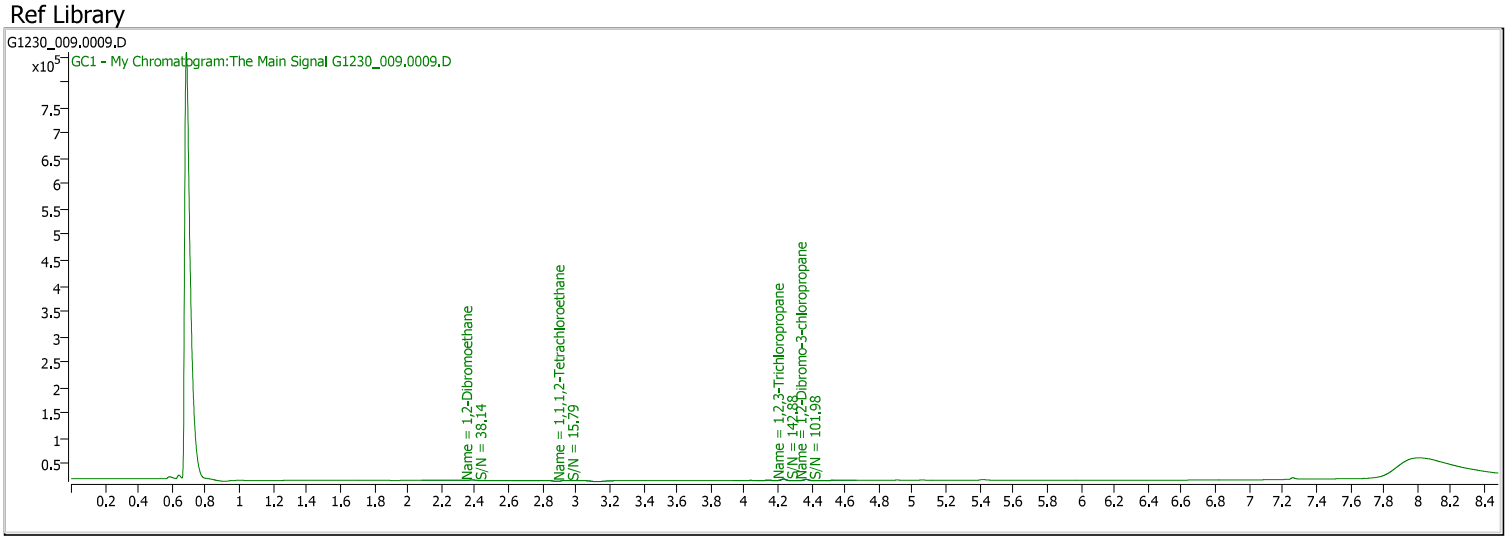




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

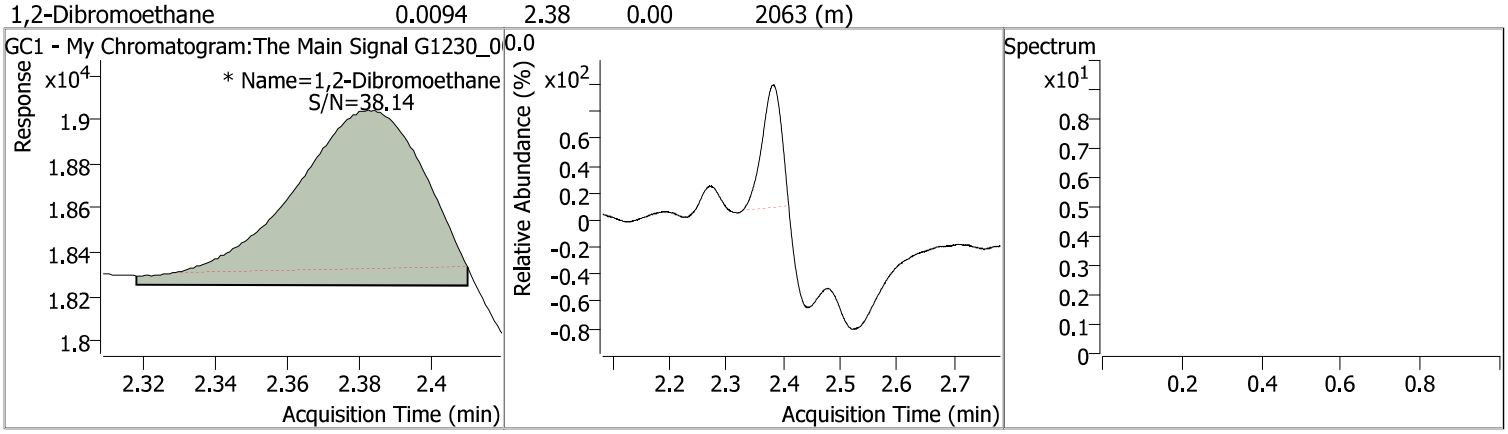
Data File	G1230_009.0009.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 1:40:20 PM
Sample Name	CAL1-162519	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



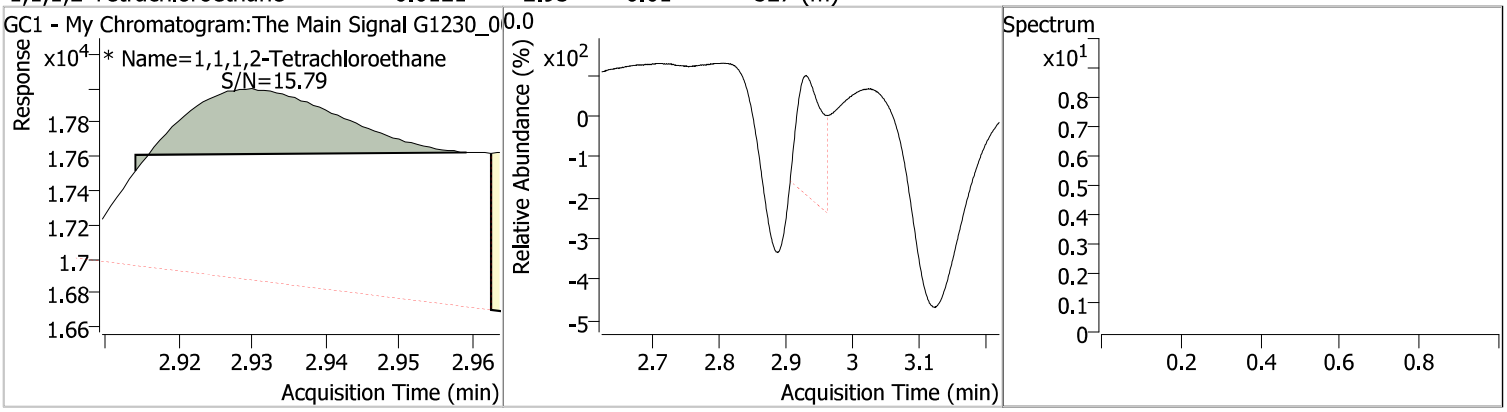
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.930	0.0	527	0.0121	µg/L	m	0.008
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 12.09%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.383	0.0	2063	0.0094	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	0.0094	2.38	0.00	2063 (m)				

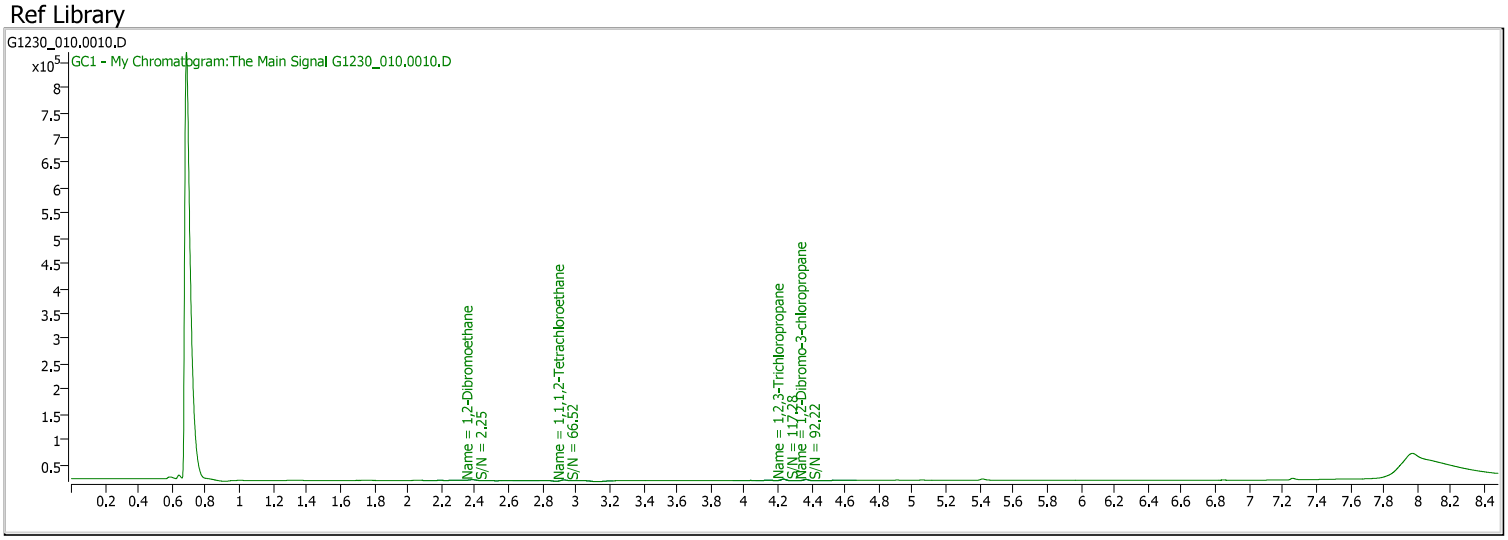


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0121	2.93	0.01	527 (m)				



Quantitation Results Report (QT Reviewed)

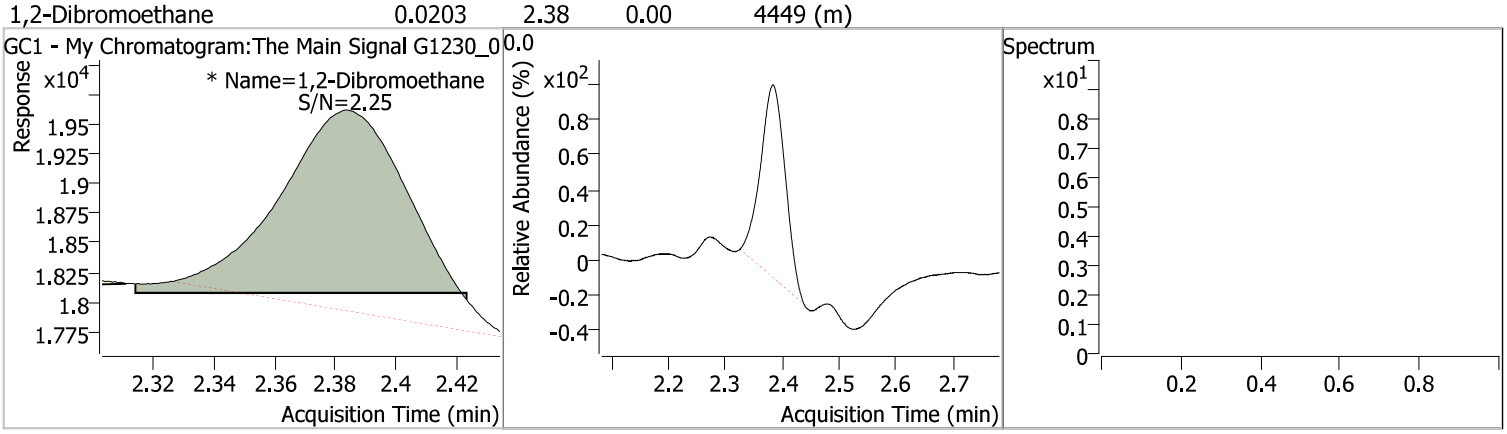
Data File	G1230_010.0010.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 2:00:24 PM
Sample Name	CAL7-162519	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



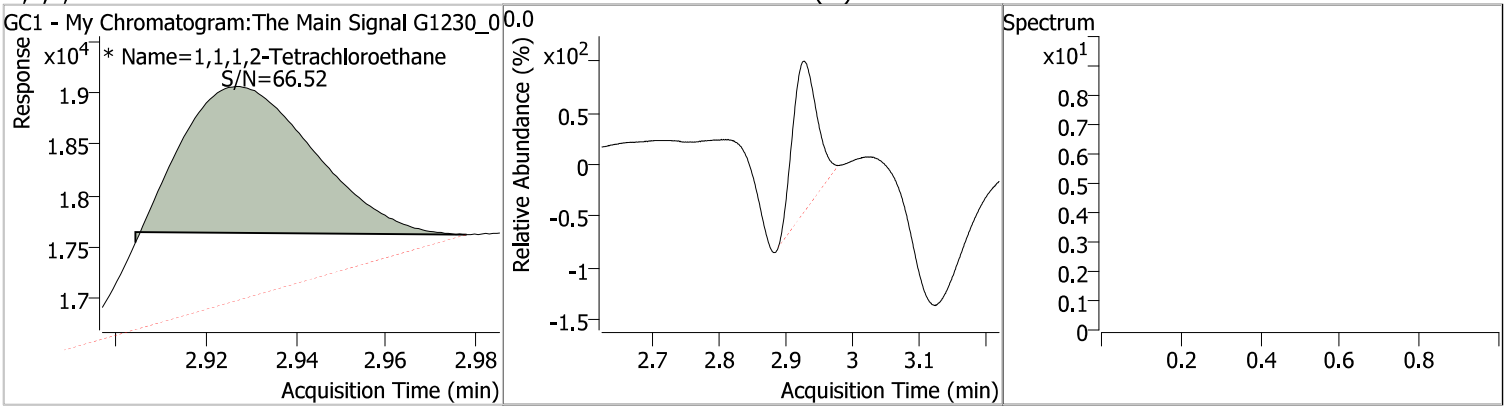
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.927	0.0	2869	0.0180	µg/L	m	0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 18.03%		*	
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.383	0.0	4449	0.0203	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	0.0203	2.38	0.00	4449 (m)				

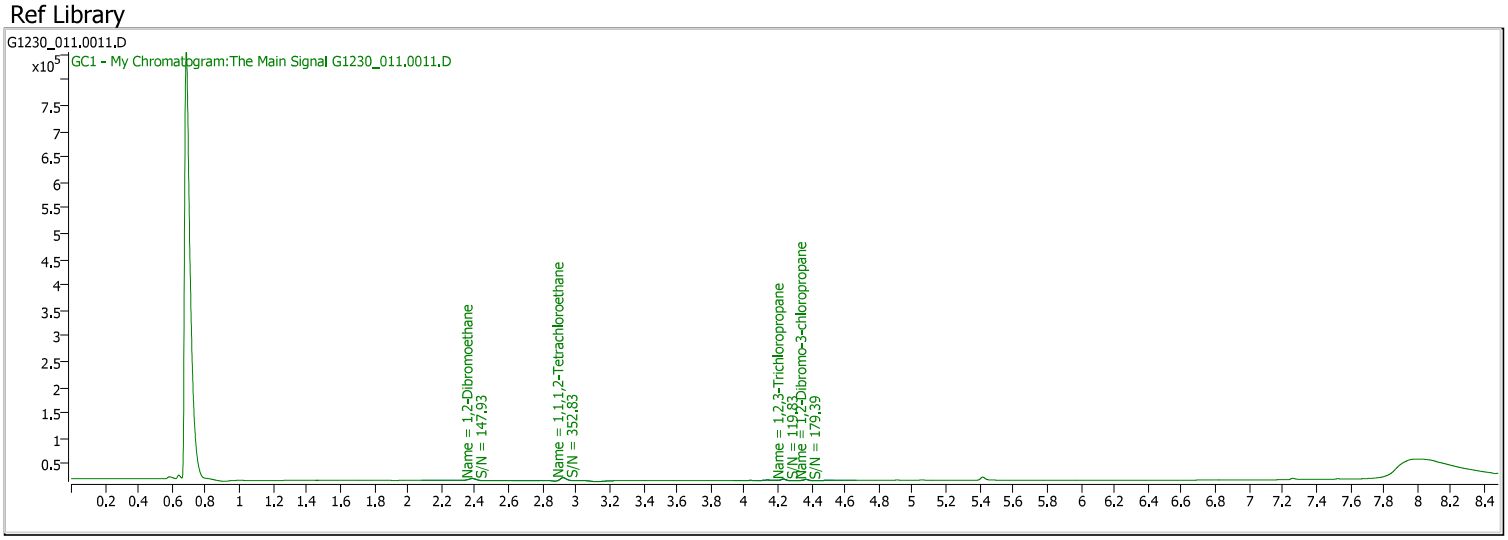


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0180	2.93	0.00	2869 (m)				



Quantitation Results Report (QT Reviewed)

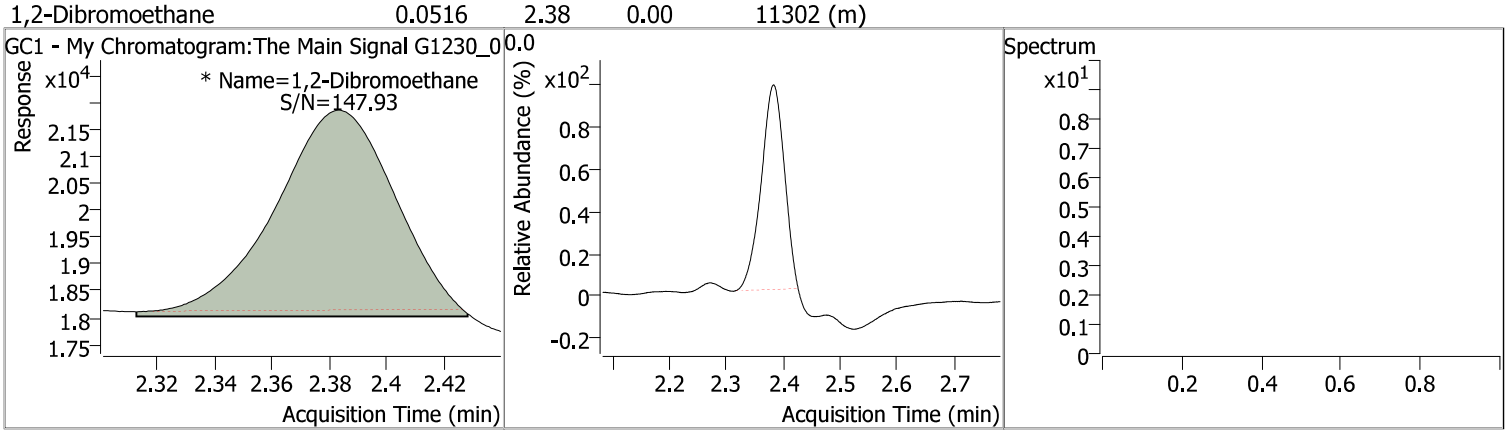
Data File	G1230_011.0011.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 2:20:10 PM
Sample Name	CAL2-162519	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



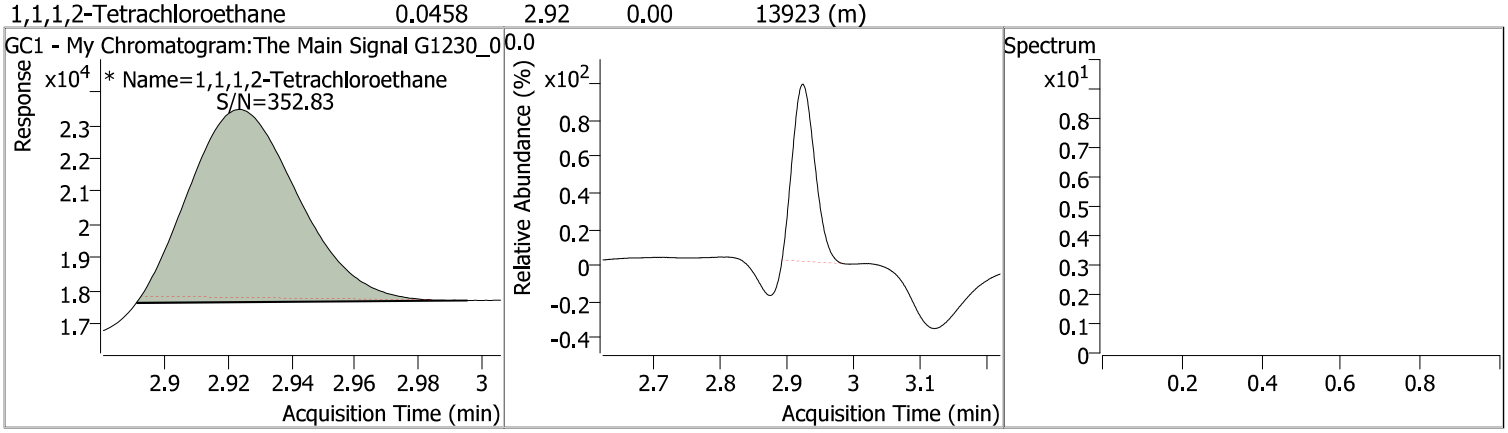
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.923	0.0	13923	0.0458	µg/L	m	0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 45.79%		*	
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.383	0.0	11302	0.0516	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	0.0516	2.38	0.00	11302 (m)				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0458	2.92	0.00	13923 (m)				



Quantitation Results Report (QT Reviewed)

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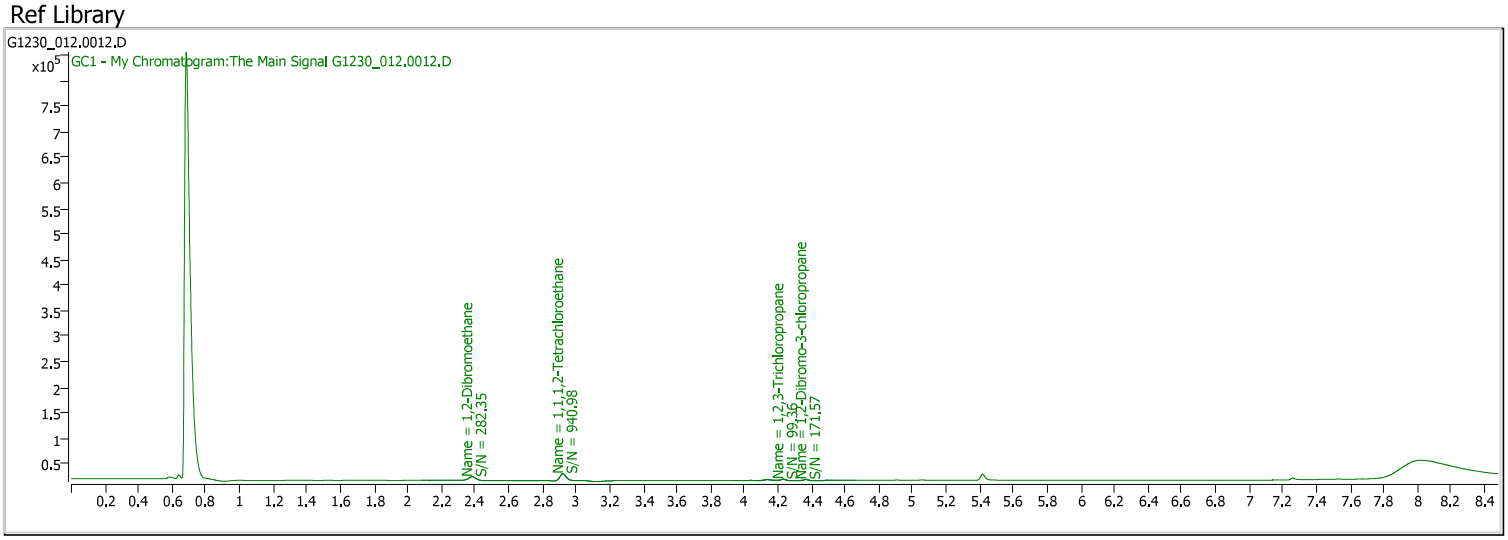
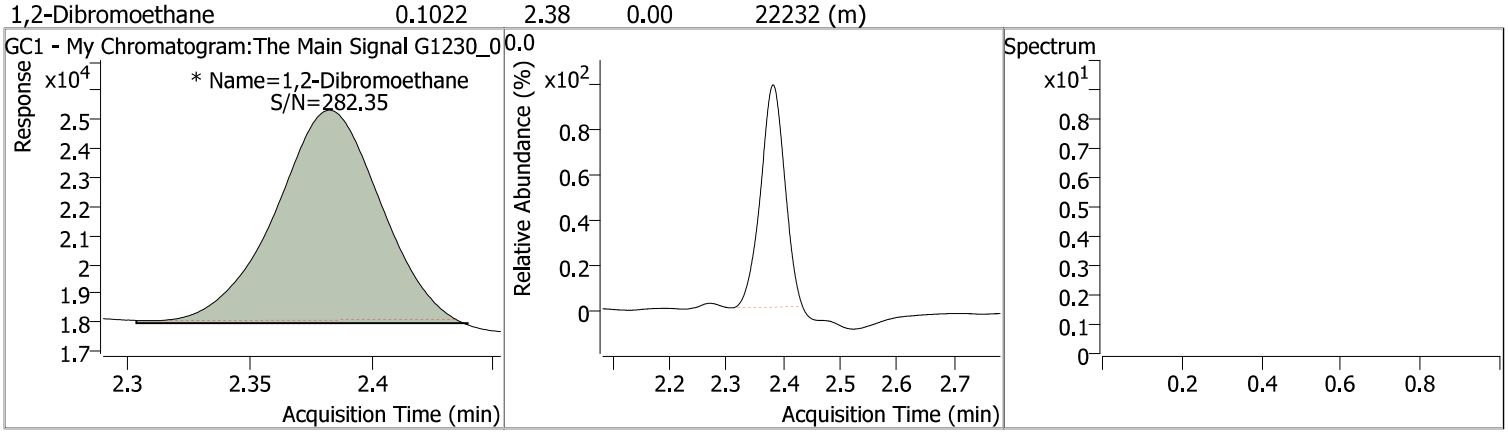
Data File	G1230_012.0012.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 2:40:05 PM
Sample Name	CAL3-162519	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



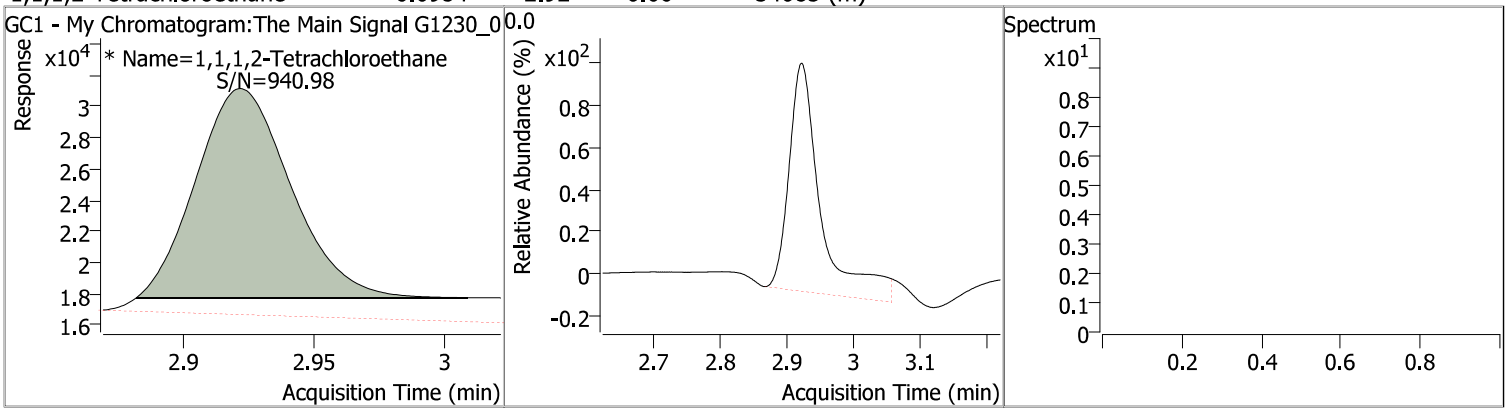
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.922	0.0	34083	0.0954	µg/L	m	0.000
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 95.42%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.383	0.0	22232	0.1022	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	0.1022	2.38	0.00	22232 (m)				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0954	2.92	0.00	34083 (m)				



Quantitation Results Report (QT Reviewed)

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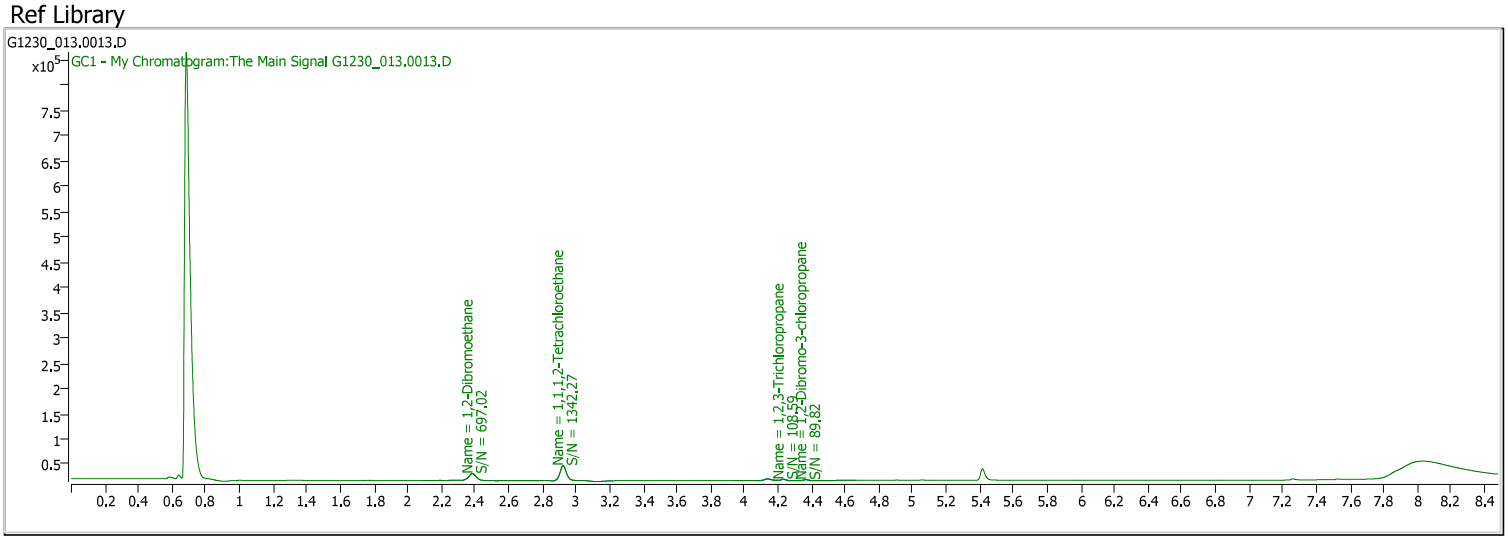
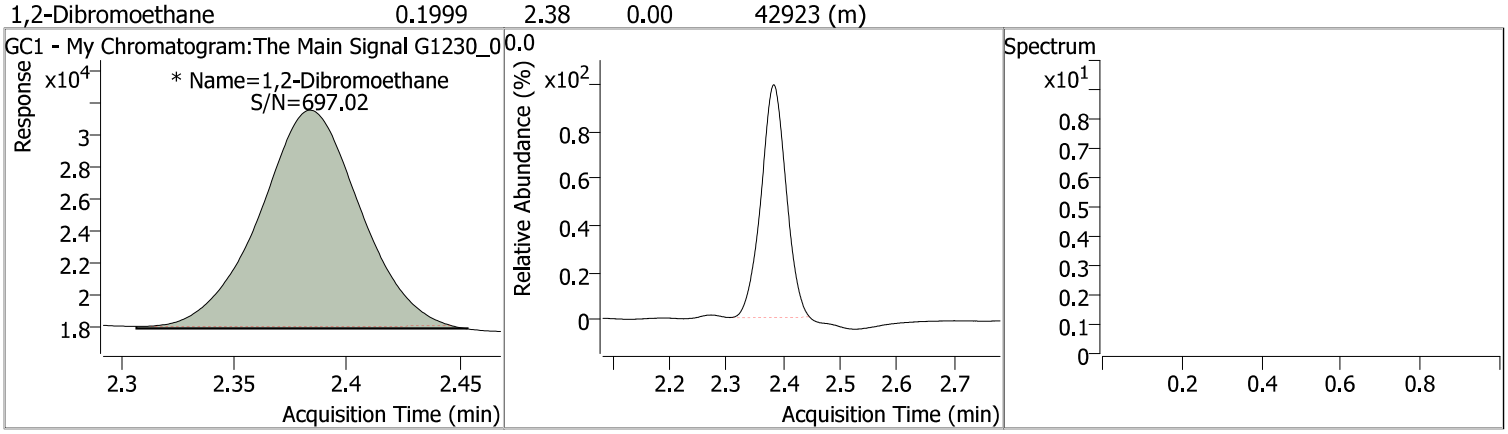
Data File	G1230_013.0013.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 3:00:06 PM
Sample Name	CAL4-162519	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



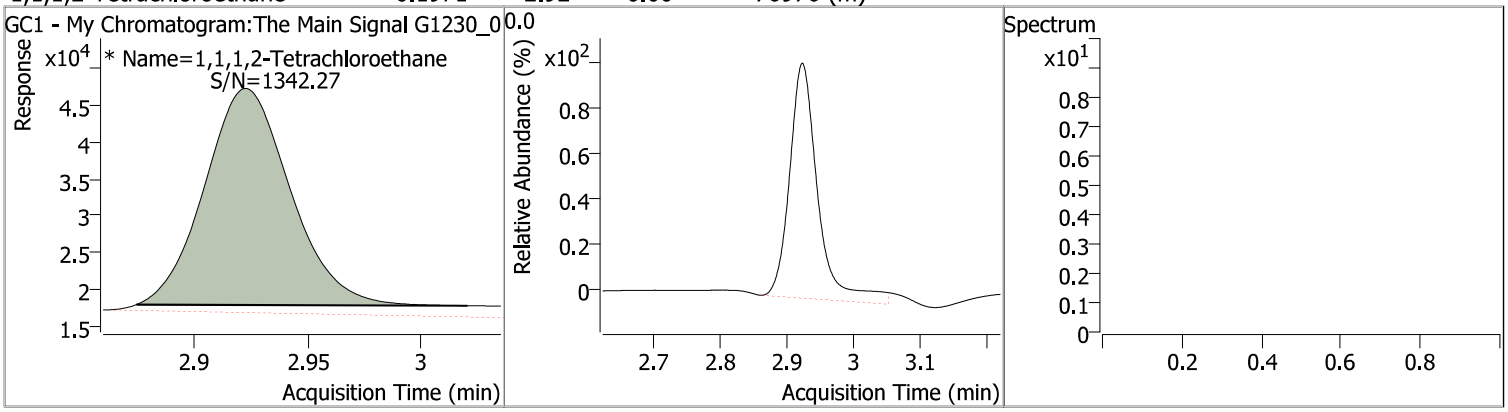
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.923	0.0	76976	0.1971	µg/L	m	0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 197.14%		*	
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.383	0.0	42923	0.1999	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	0.1999	2.38	0.00	42923 (m)				

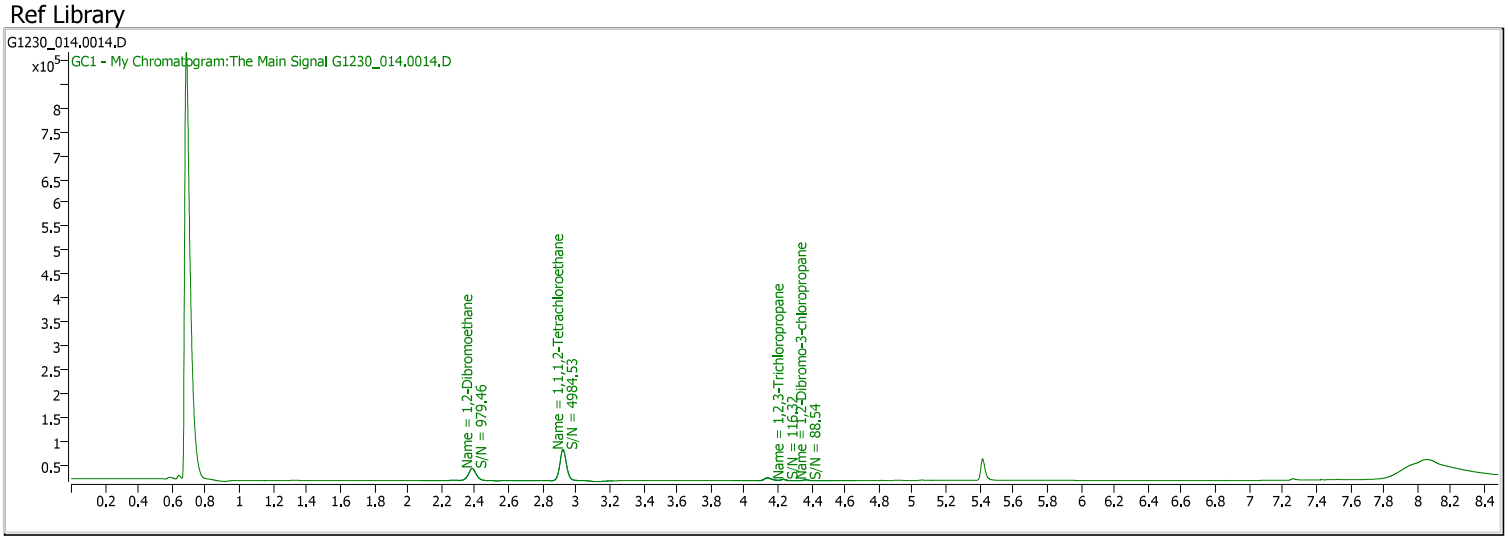


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1971	2.92	0.00	76976 (m)				



Quantitation Results Report (QT Reviewed)

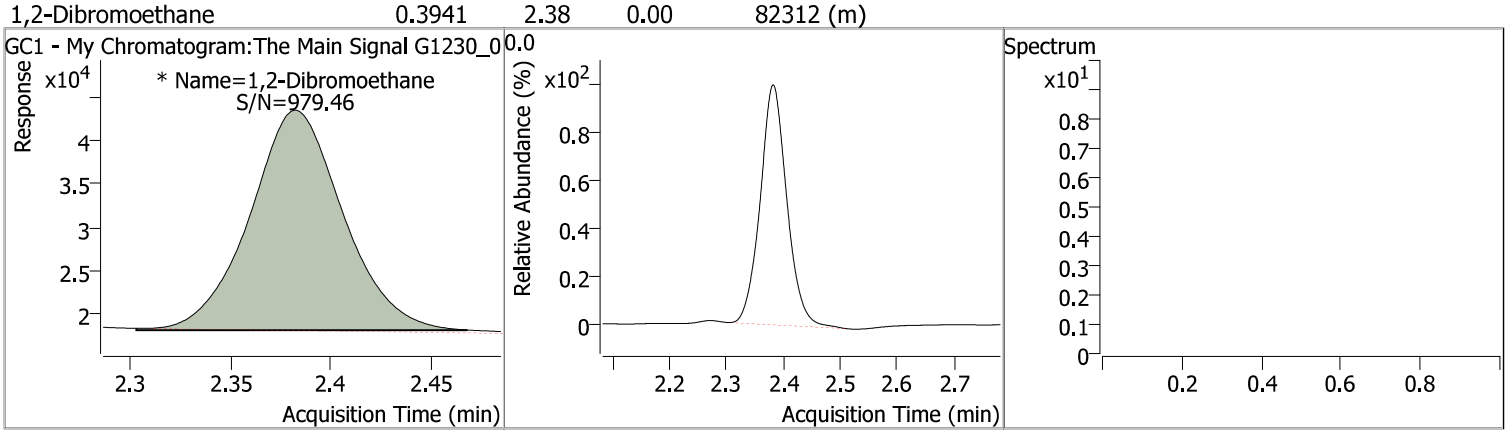
Data File	G1230_014.0014.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 3:19:54 PM
Sample Name	CAL5-162519	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



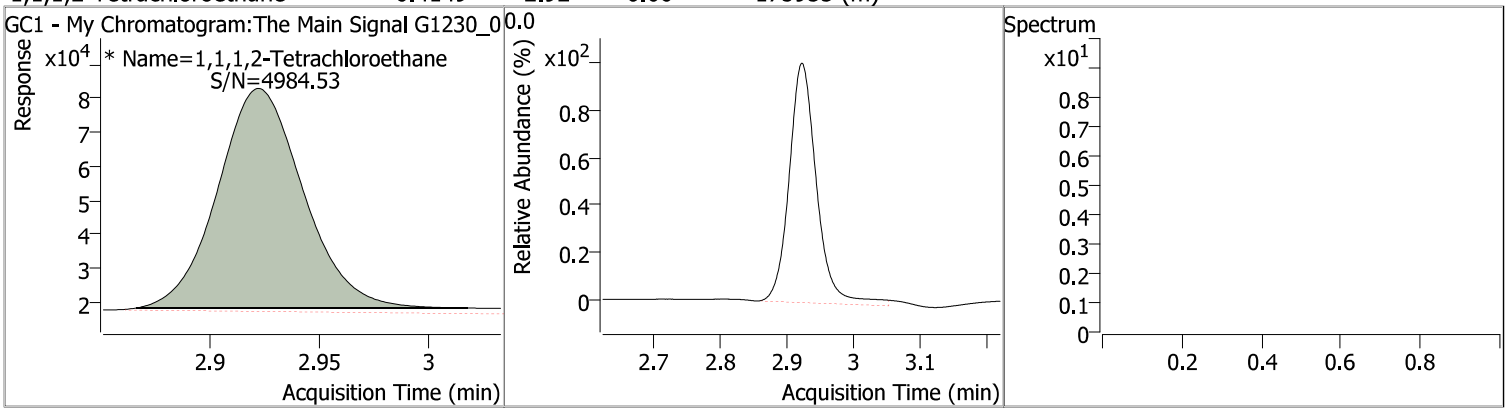
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.923	0.0	175933	0.4149	µg/L	m	0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 414.87%		*	
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.383	0.0	82312	0.3941	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	0.3941	2.38	0.00	82312 (m)				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4149	2.92	0.00	175933 (m)				



Quantitation Results Report (QT Reviewed)

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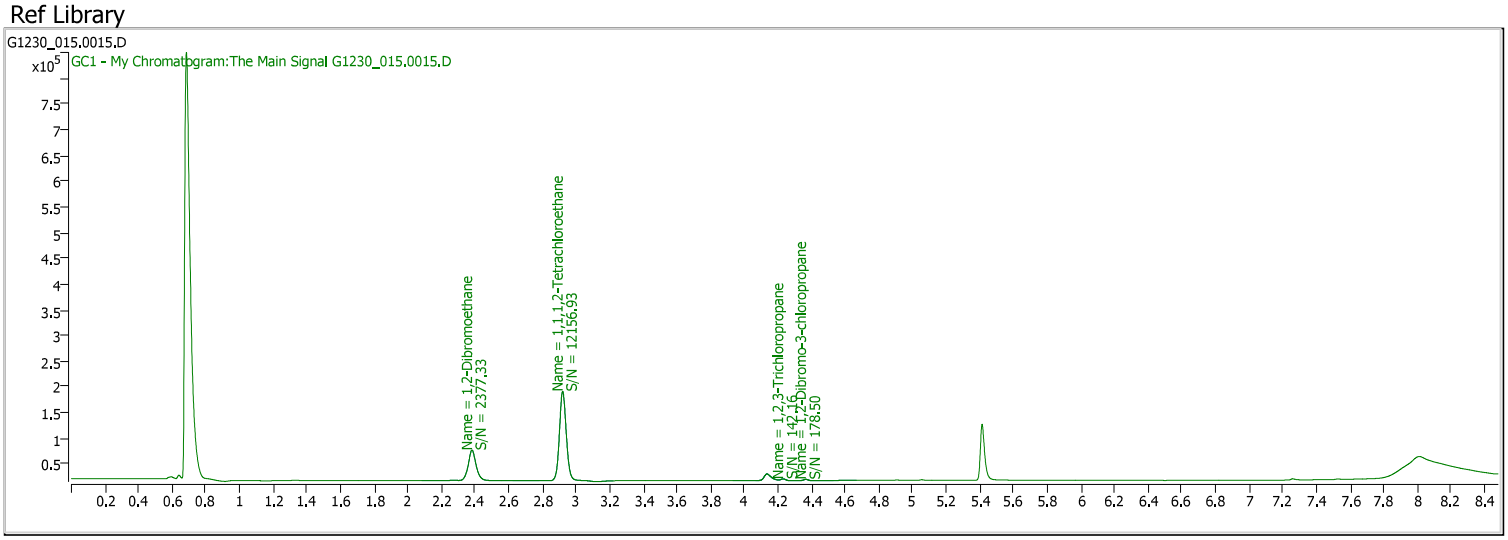
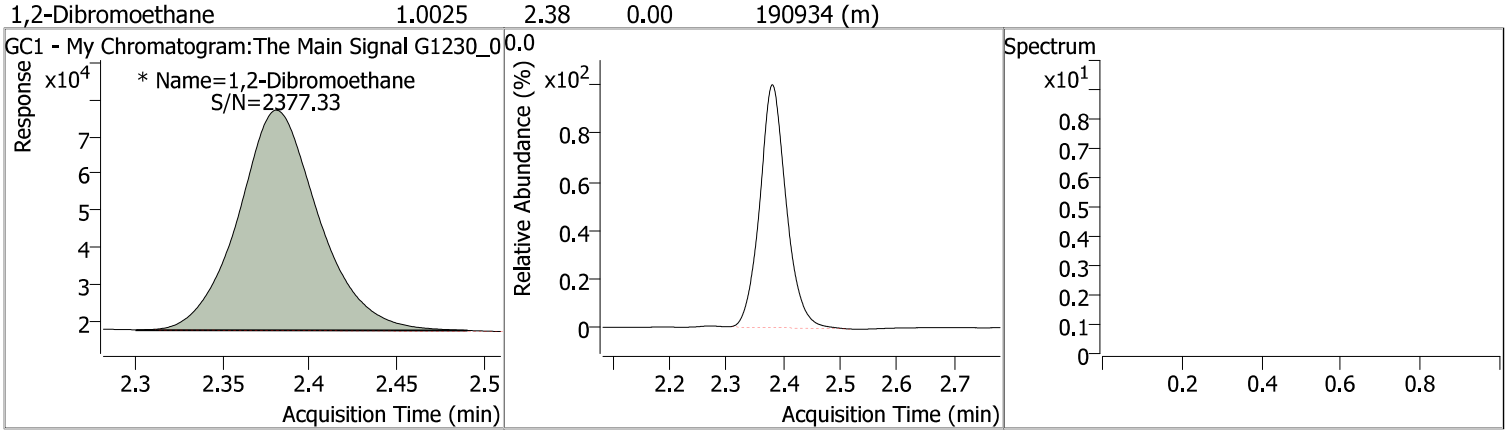
Data File	G1230_015.0015.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 3:39:41 PM
Sample Name	CAL6-162519	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



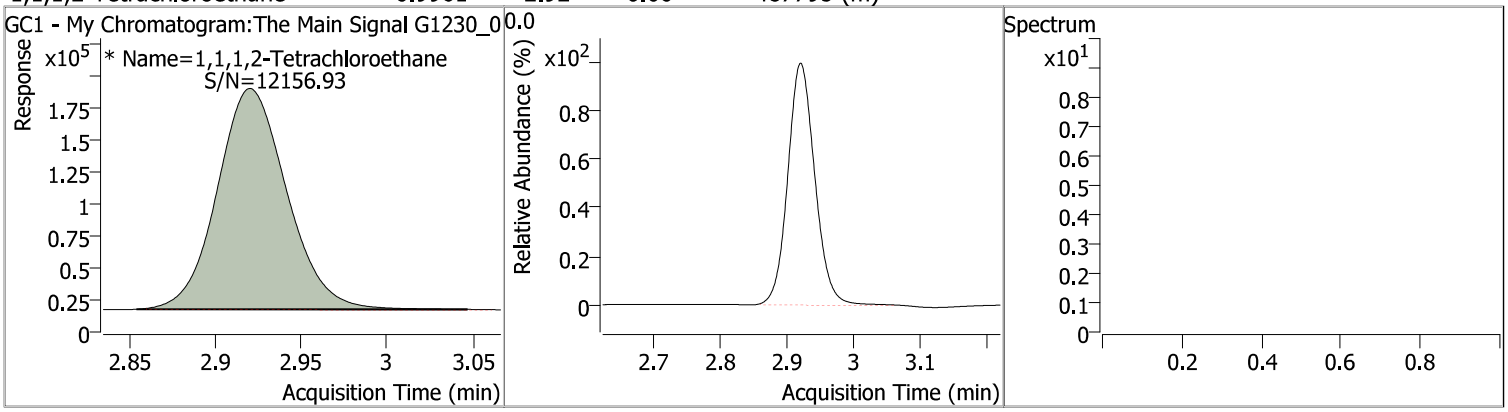
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.920	0.0	487795	0.9961	µg/L	m	-0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 996.14%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.381	0.0	190934	1.0025	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	1.0025	2.38	0.00	190934 (m)				

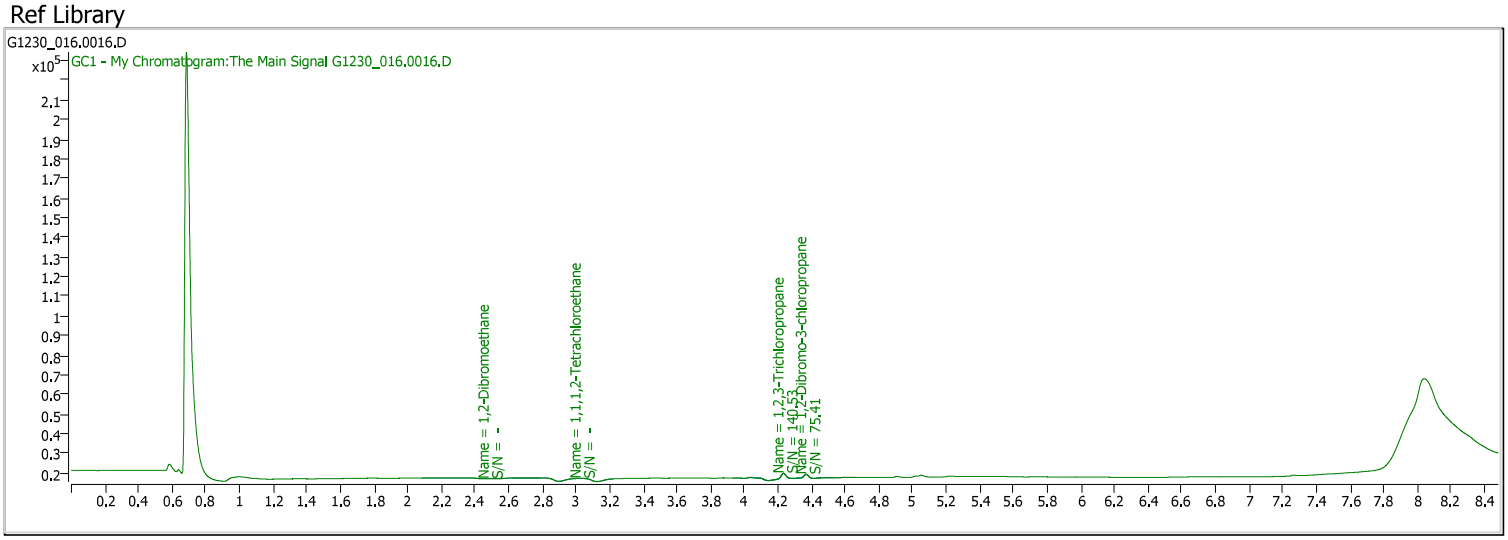


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.9961	2.92	0.00	487795 (m)				



Quantitation Results Report (QT Reviewed)

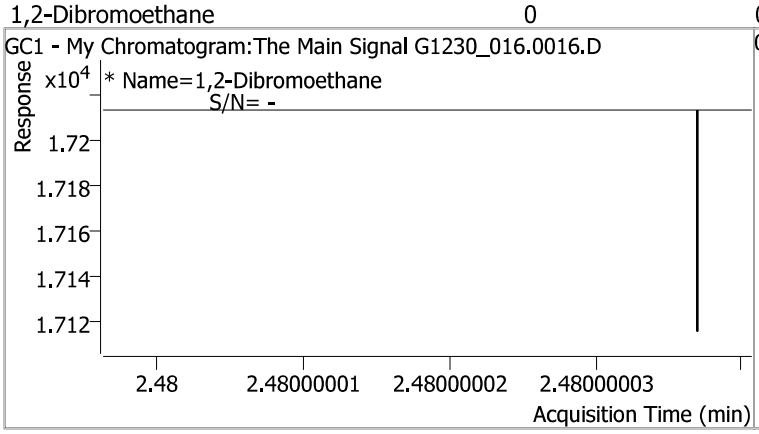
Data File	G1230_016.0016.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 3:59:34 PM
Sample Name	Hexane	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			

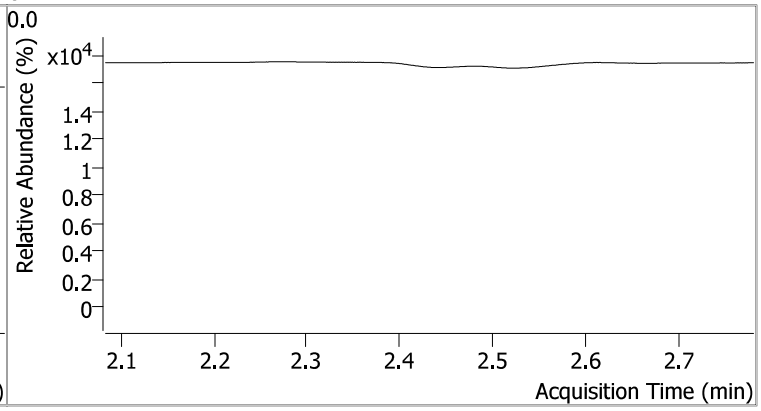


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.027	0.0	0		µg/L	md	0.105
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.480	0.0	0		µg/L	md	1

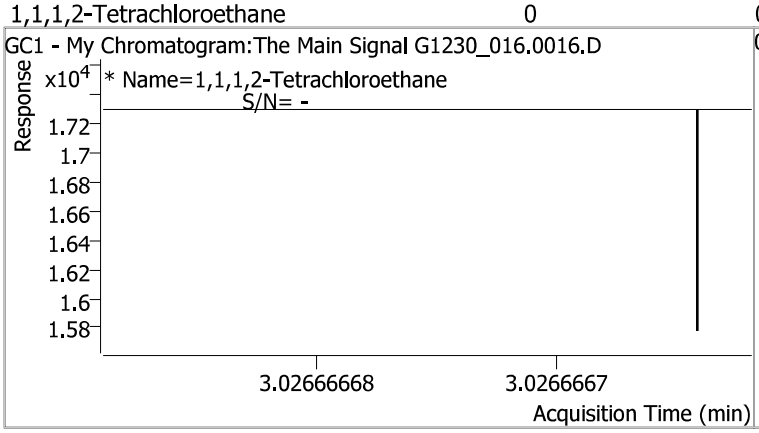
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

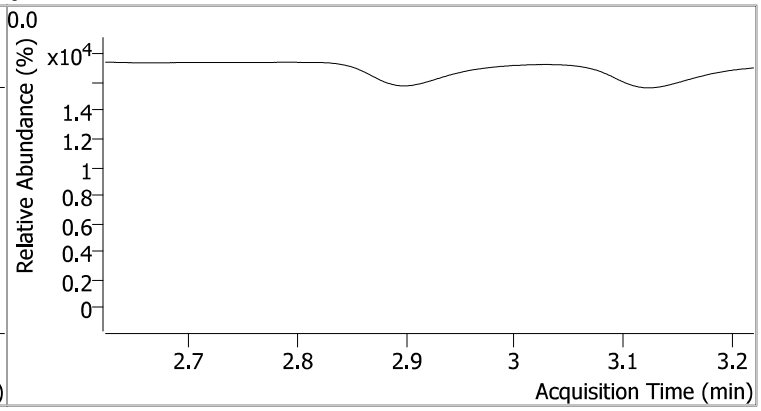
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





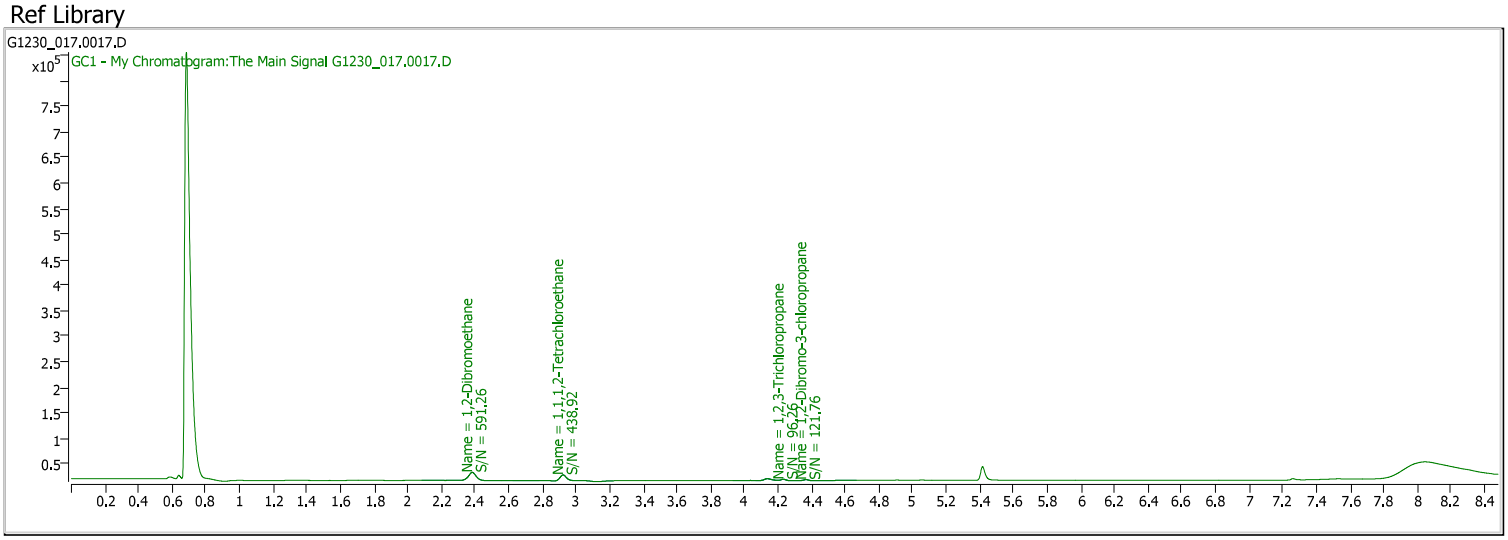
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

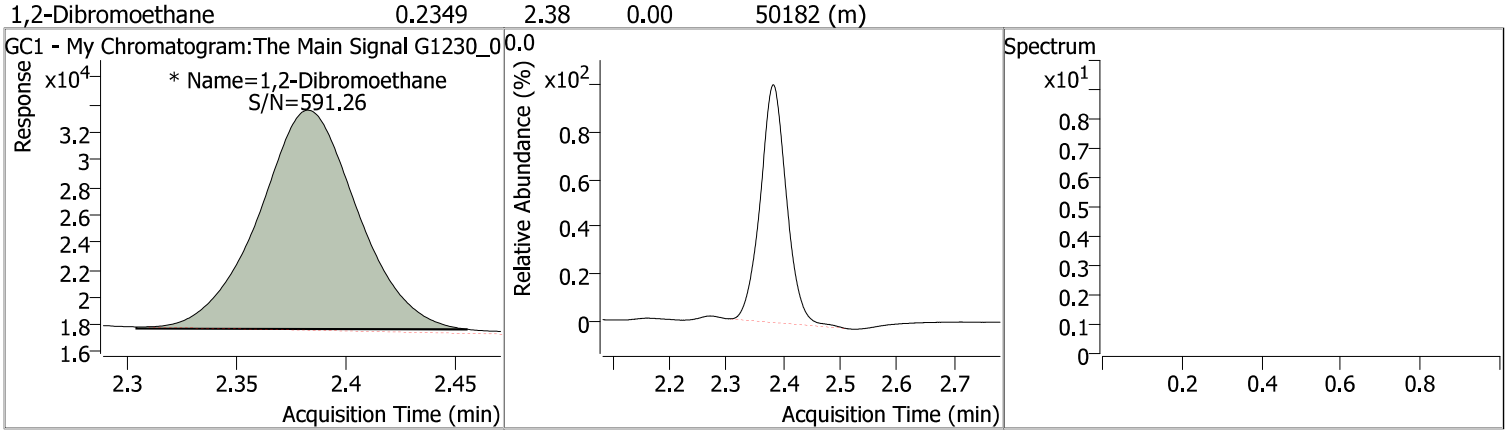
Data File	G1230_017.0017.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 4:19:21 PM
Sample Name	LCS-162519	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



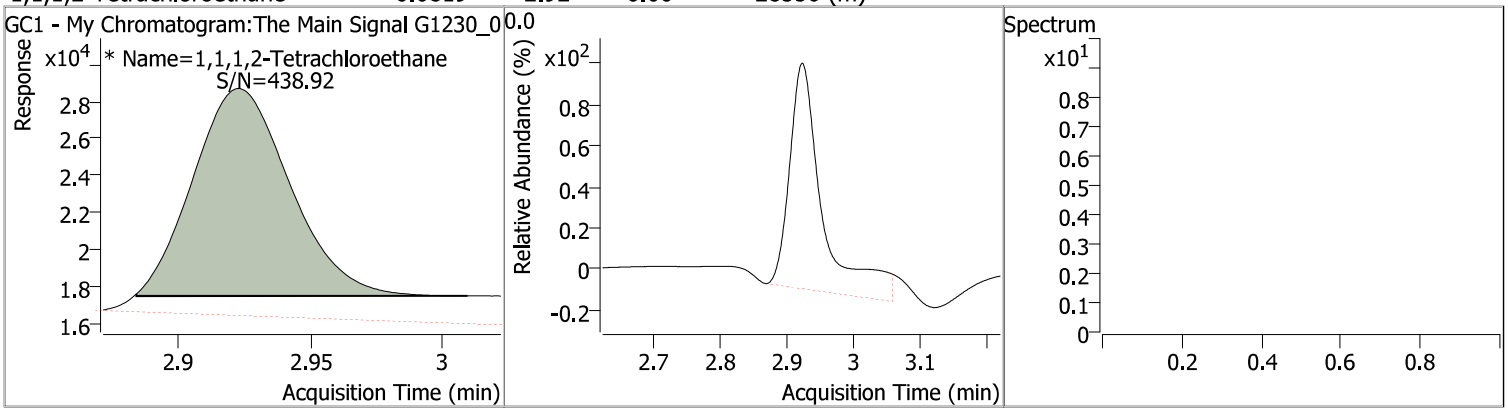
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.923	0.0	28556	0.0819	µg/L	m	0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 81.94%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.383	0.0	50182	0.2349	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	0.2349	2.38	0.00	50182 (m)				



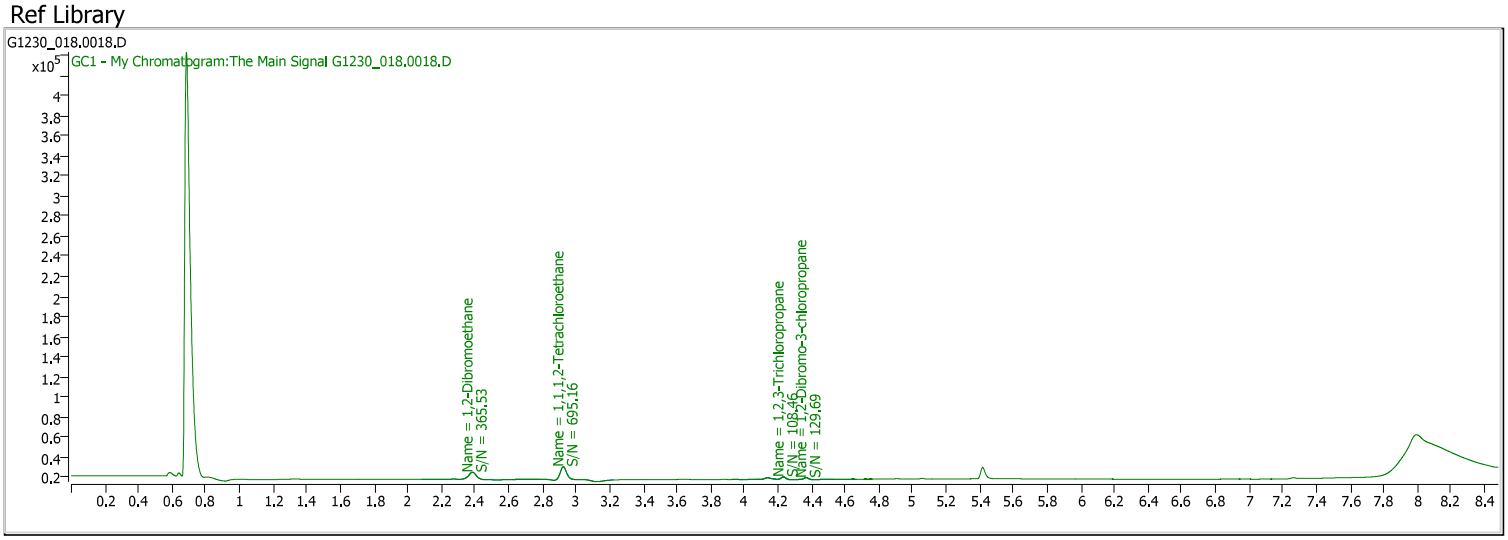
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0819	2.92	0.00	28556 (m)				



Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

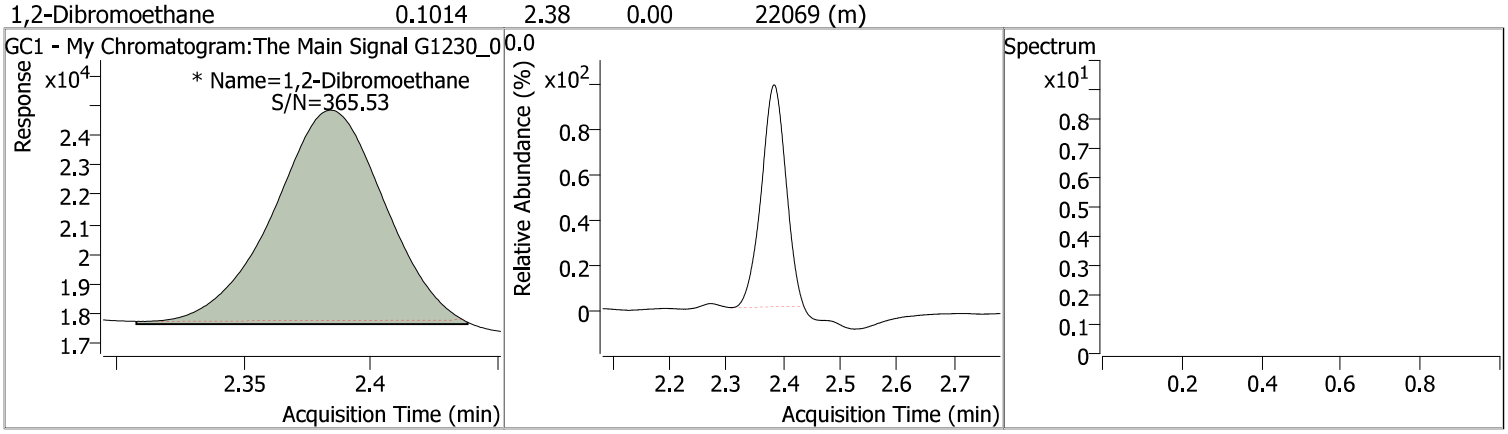
Data File	G1230_018.0018.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 4:39:02 PM
Sample Name	CK3-162607	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



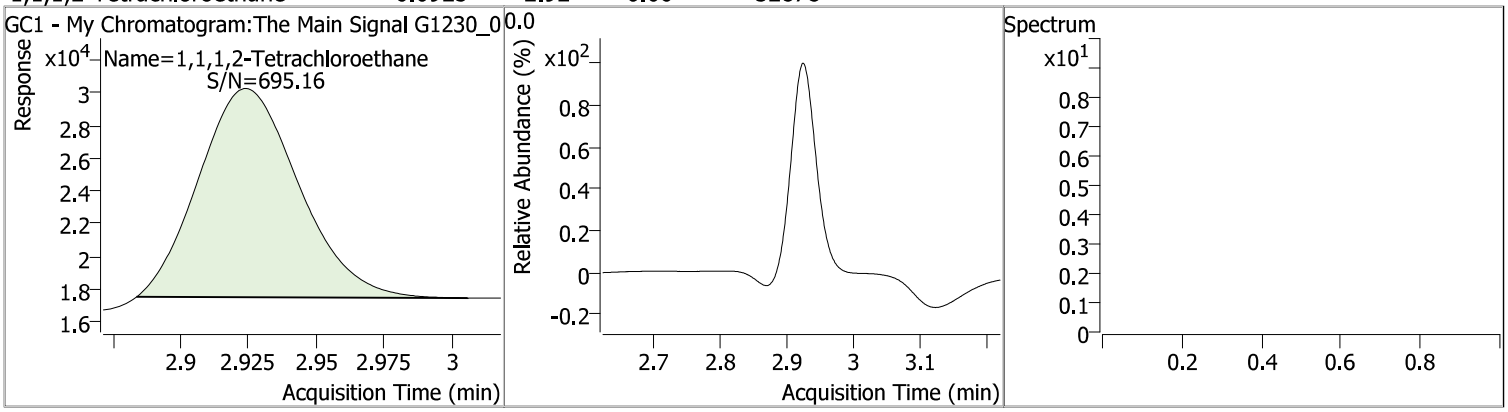
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.924	0.0	32878	0.0925	µg/L		0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 92.49%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.384	0.0	22069	0.1014	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	0.1014	2.38	0.00	22069 (m)				



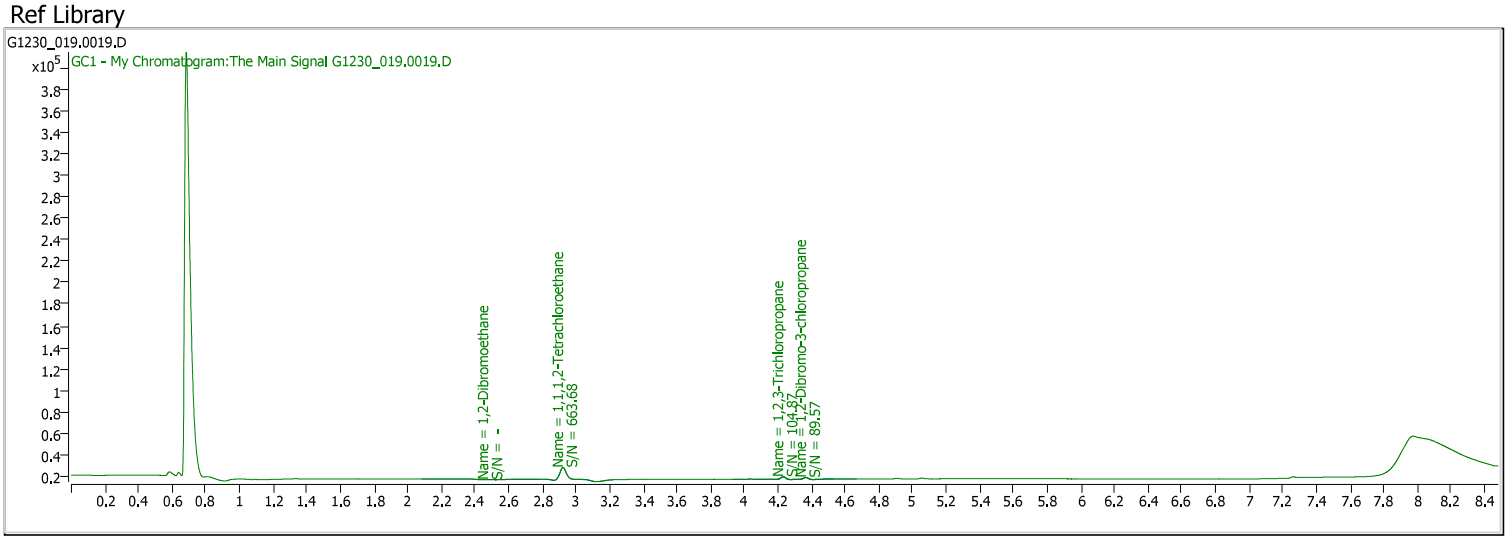
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0925	2.92	0.00	32878				



Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

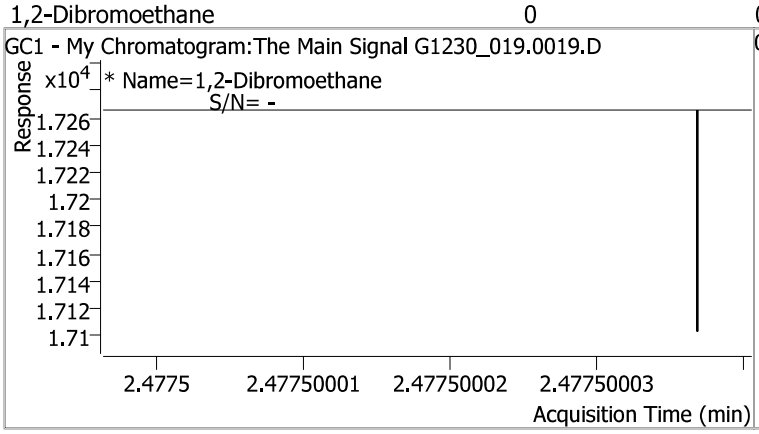
Data File	G1230_019.0019.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 4:58:58 PM
Sample Name	MB-162607	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			

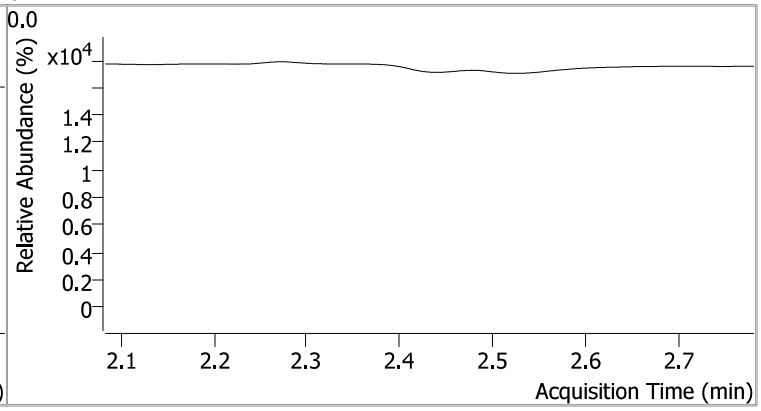


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.922	0.0	28255	0.0812	µg/L	m	0.000
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 81.20%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.478	0.0	0		µg/L	md	1

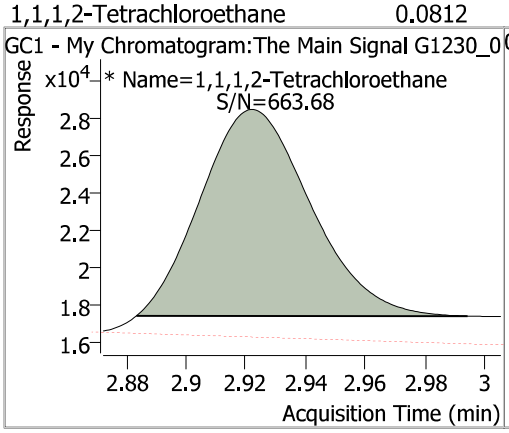
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

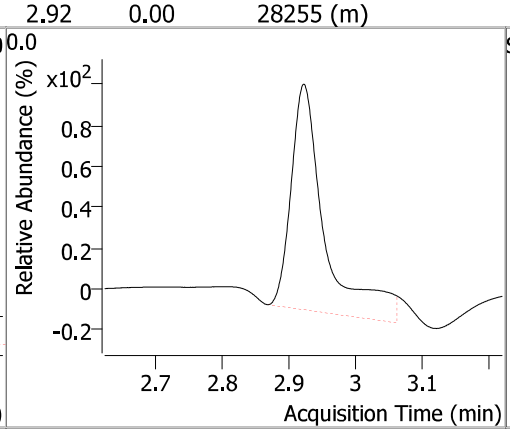
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

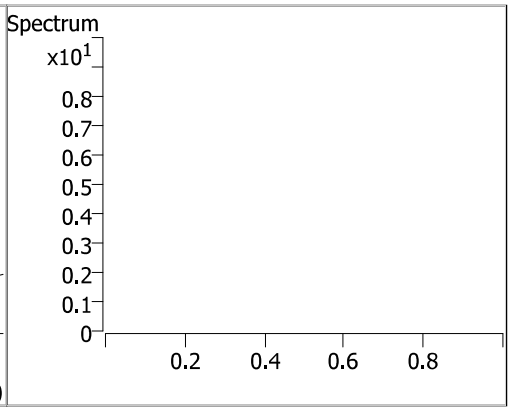




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0812	2.92	0.00	28255 (m)				

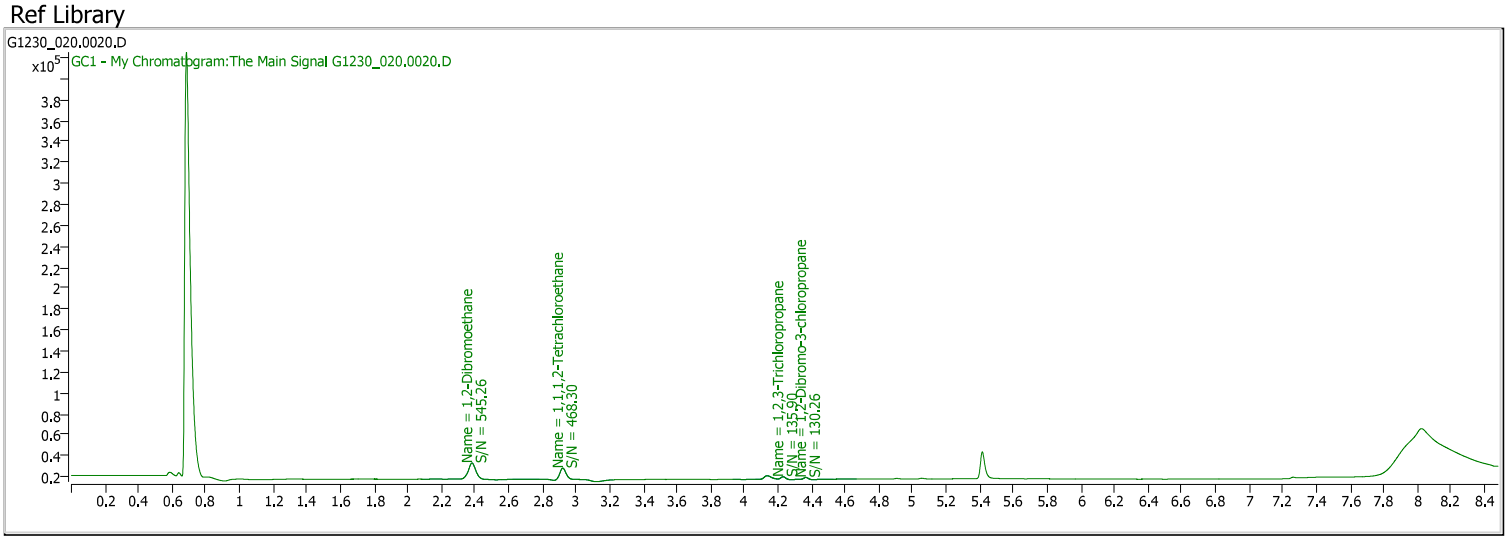






Quantitation Results Report (QT Reviewed)

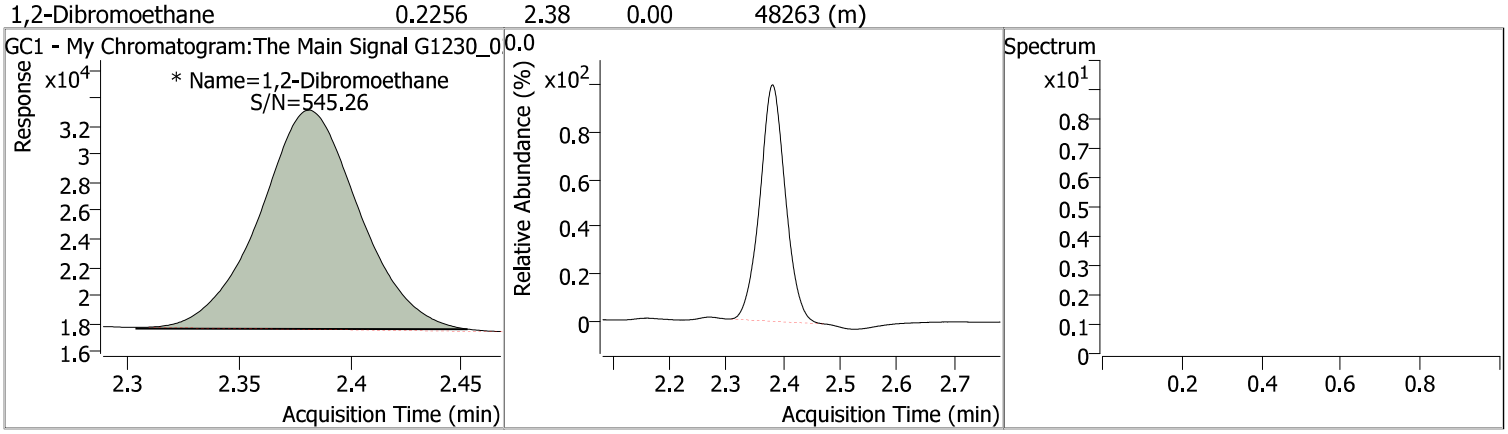
Data File	G1230_020.0020.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 5:18:59 PM
Sample Name	LCS-162607	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



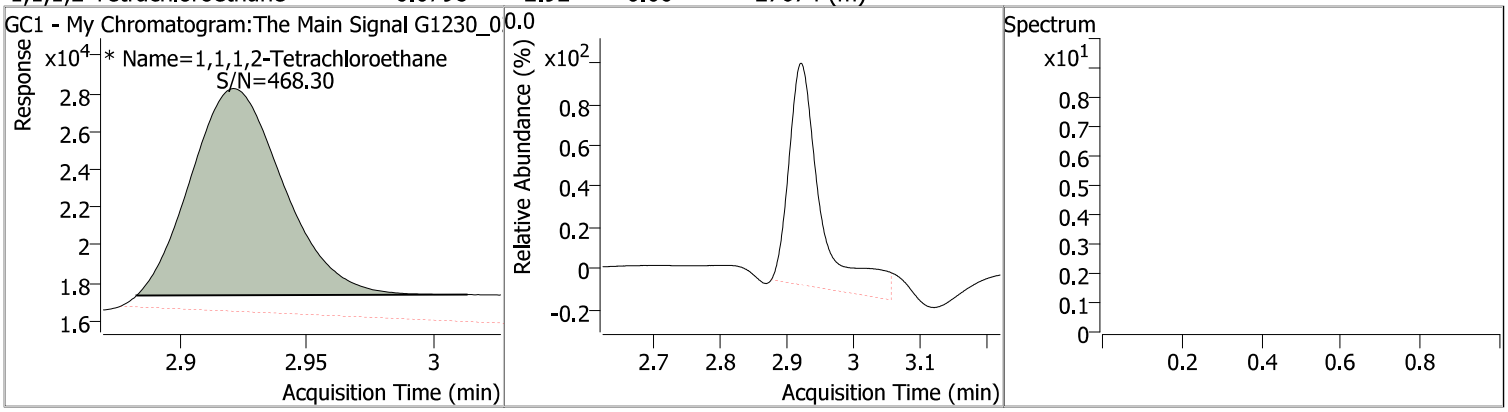
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.921	0.0	27674	0.0798	µg/L	m	-0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 79.78%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.382	0.0	48263	0.2256	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	0.2256	2.38	0.00	48263 (m)				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0798	2.92	0.00	27674 (m)				



Quantitation Results Report (QT Reviewed)

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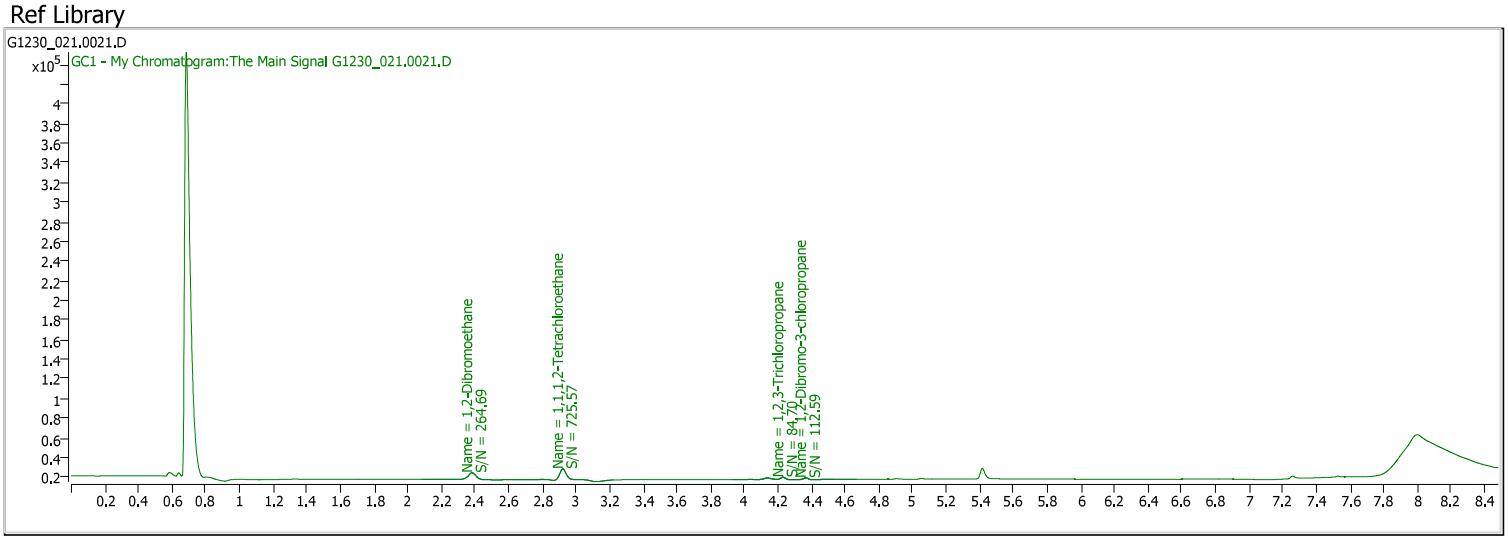
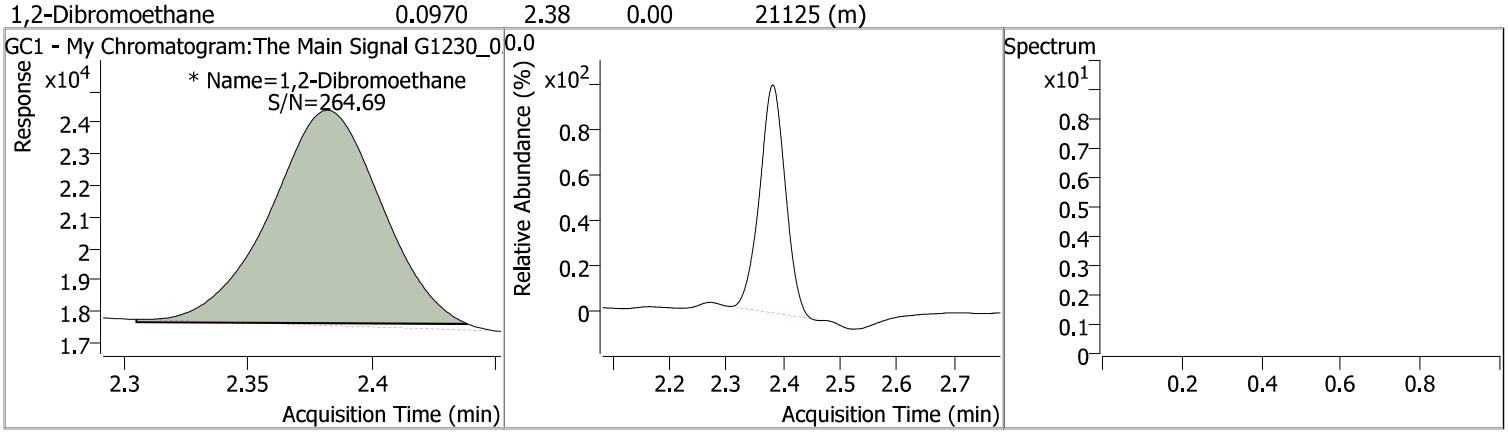
Data File	G1230_021.0021.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 5:38:50 PM
Sample Name	LCS1-162607	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



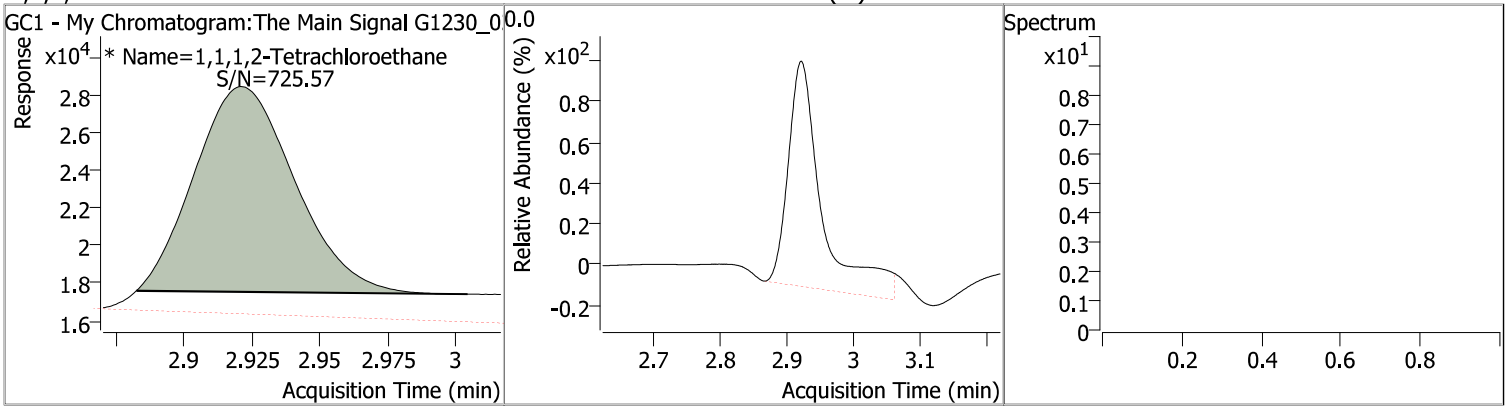
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.921	0.0	27955	0.0805	µg/L	m	-0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 80.46%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.382	0.0	21125	0.0970	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	0.0970	2.38	0.00	21125 (m)				

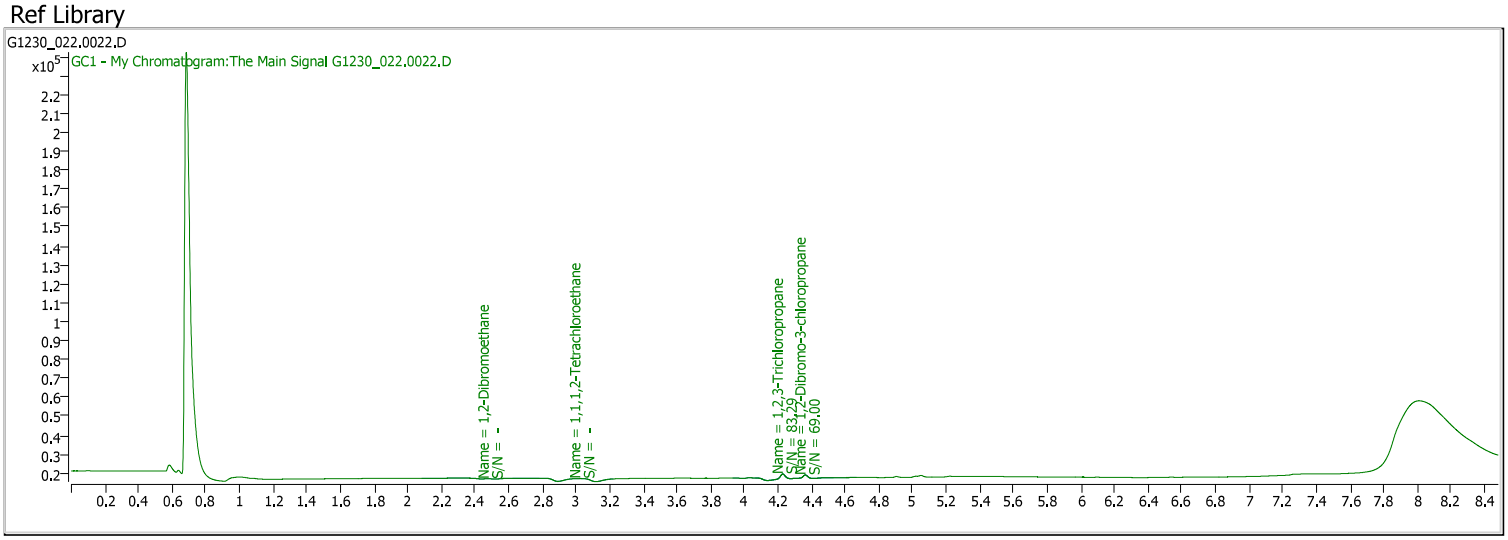


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0805	2.92	0.00	27955 (m)				



Quantitation Results Report (QT Reviewed)

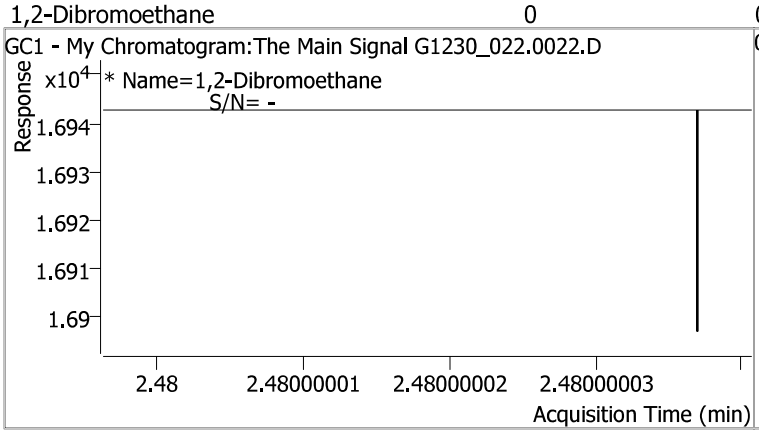
Data File	G1230_022.0022.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 5:58:51 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			

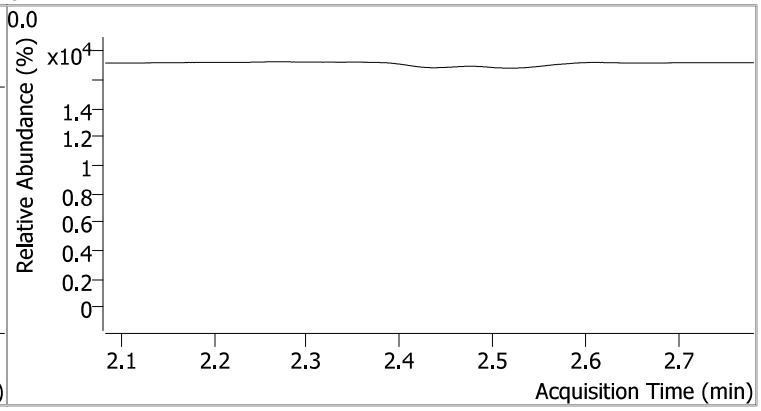


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.025	0.0	0		µg/L	md	0.103
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.480	0.0	0		µg/L	md	1

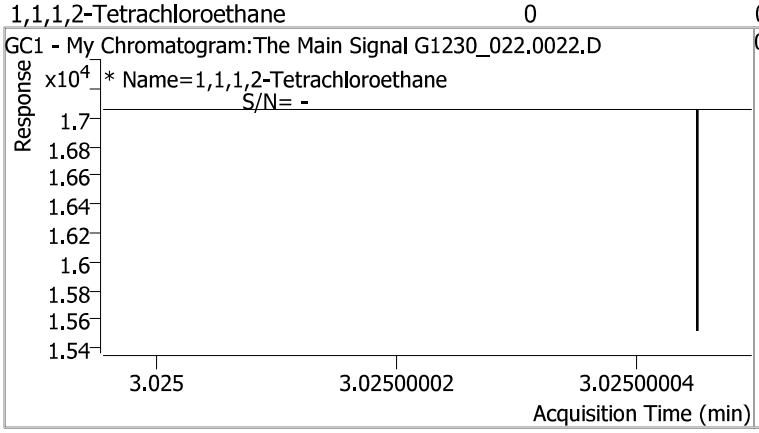
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

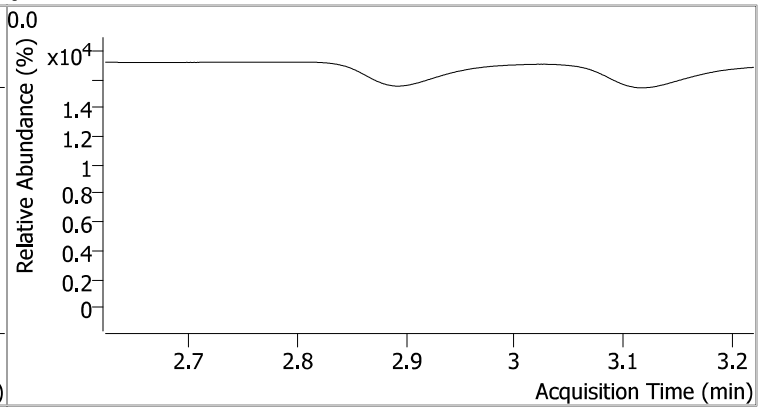
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





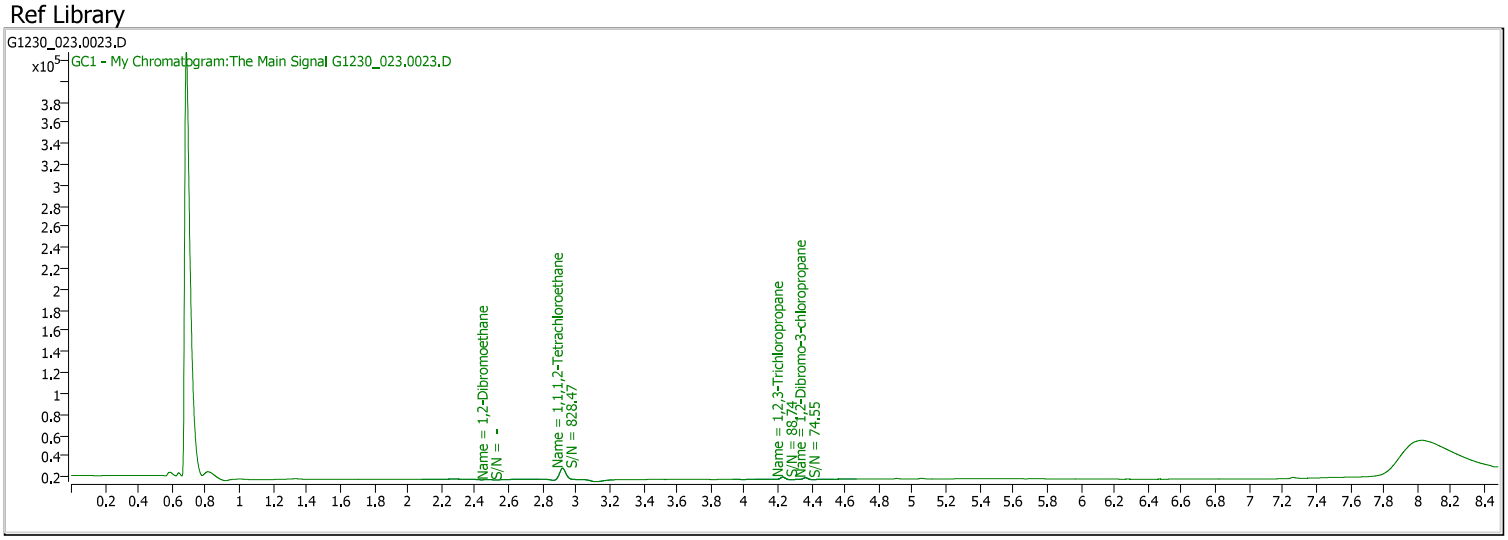
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

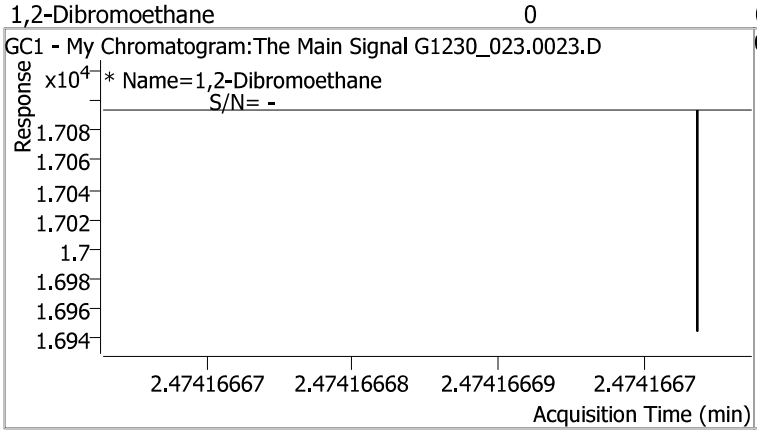
Data File	G1230_023.0023.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 6:18:38 PM
Sample Name	B21010847-033A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			

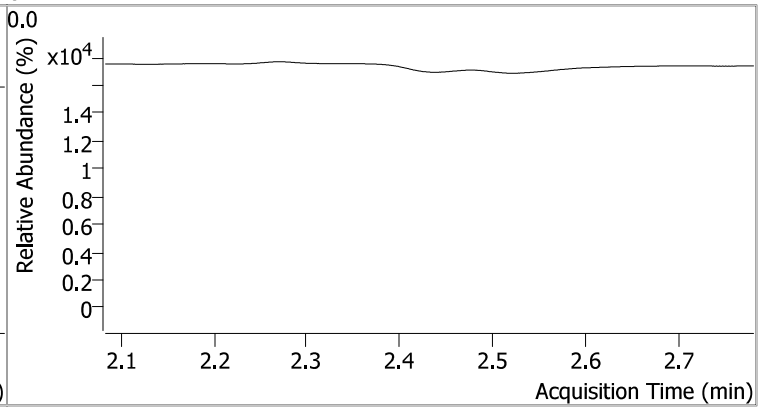


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.920	0.0	27442	0.0792	µg/L	m	-0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 79.21%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.474	0.0	0		µg/L	md	1

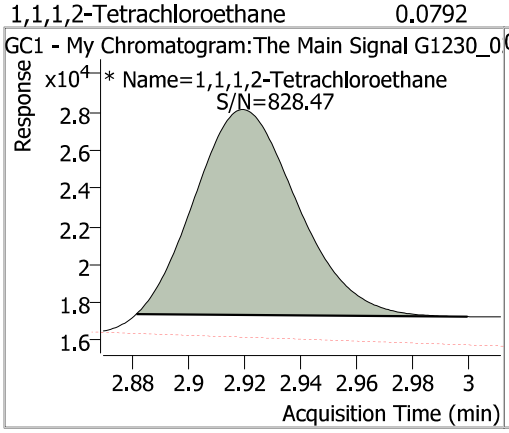
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

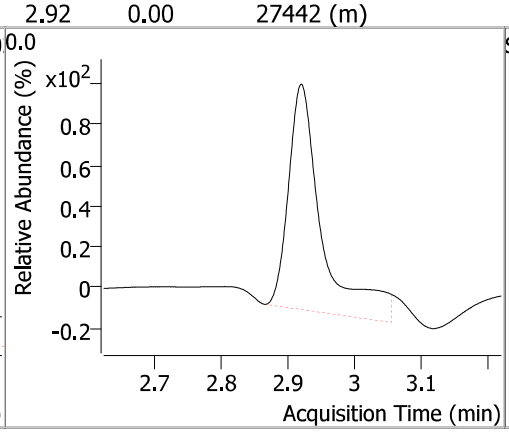
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

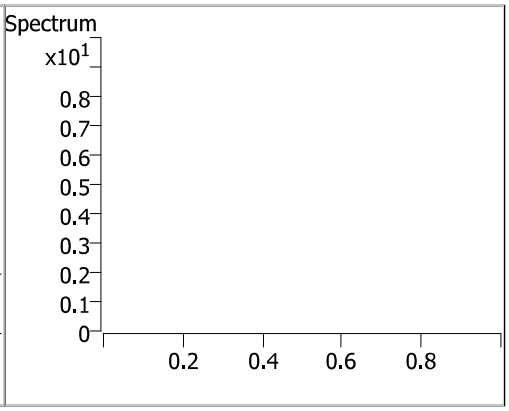




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0792	2.92	0.00	27442 (m)				

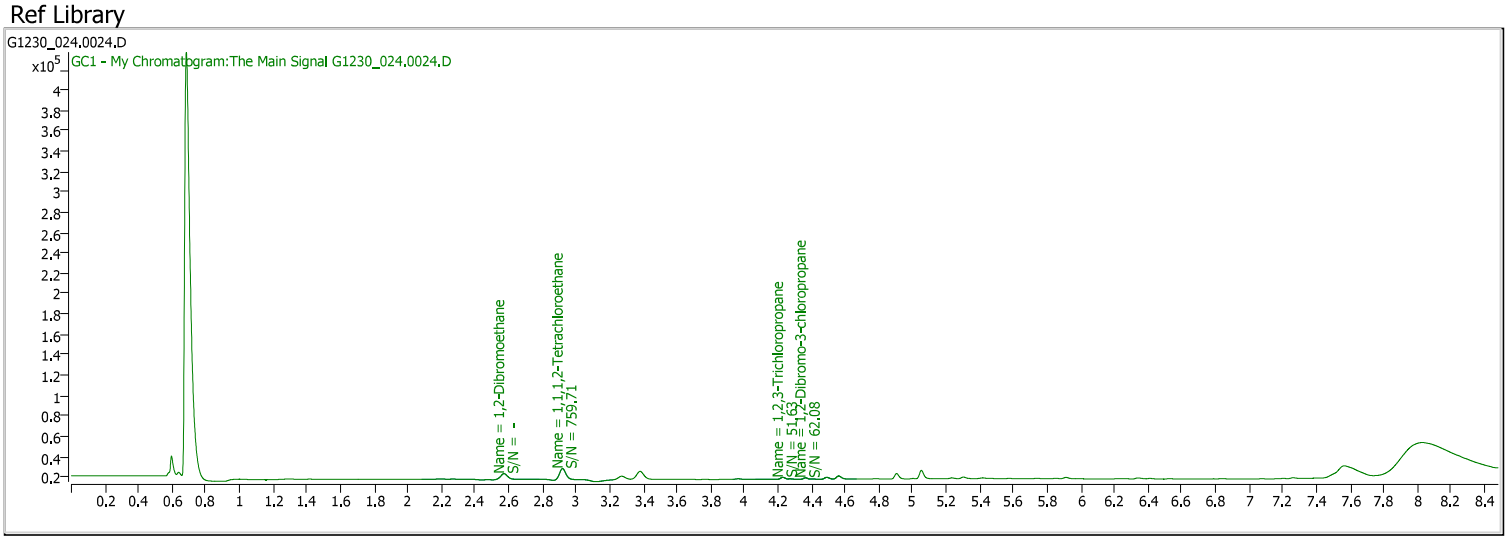






Quantitation Results Report (QT Reviewed)

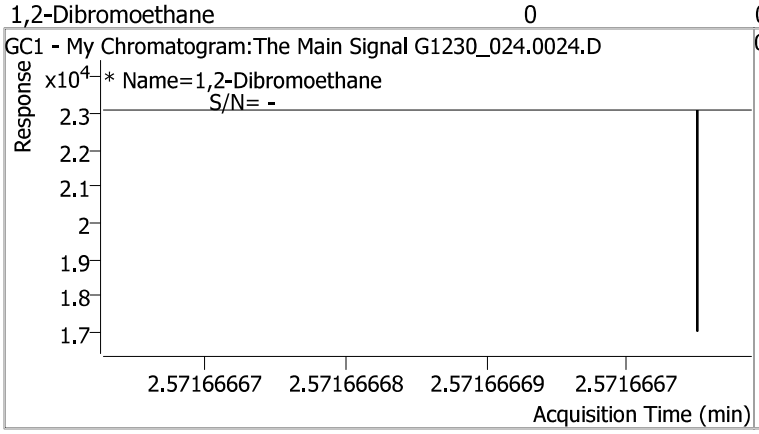
Data File	G1230_024.0024.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 6:38:35 PM
Sample Name	B21122077-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			

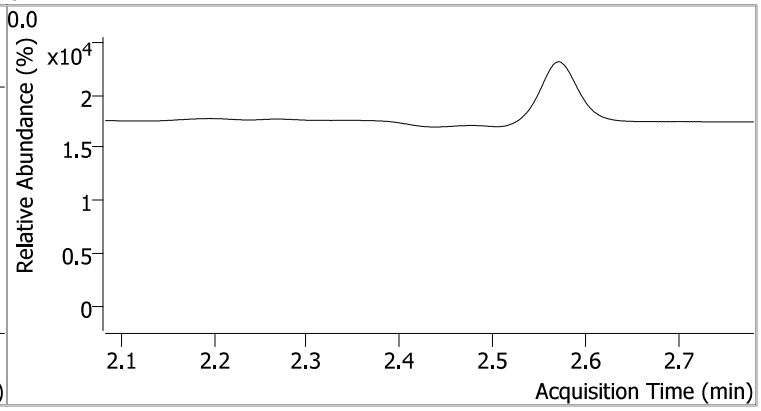


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.919	0.0	27972	0.0805	µg/L	m	-0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 80.51%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.572	0.0	0		µg/L	md	1

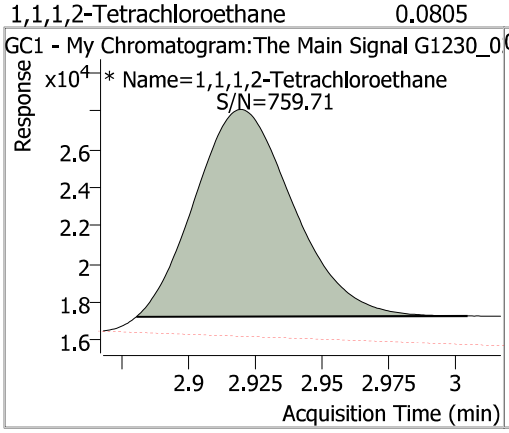
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

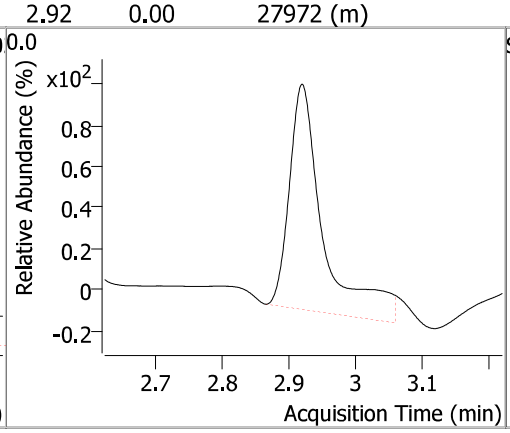
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

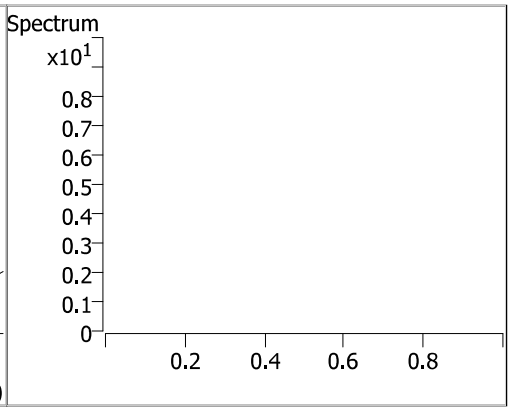




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0805	2.92	0.00	27972 (m)				



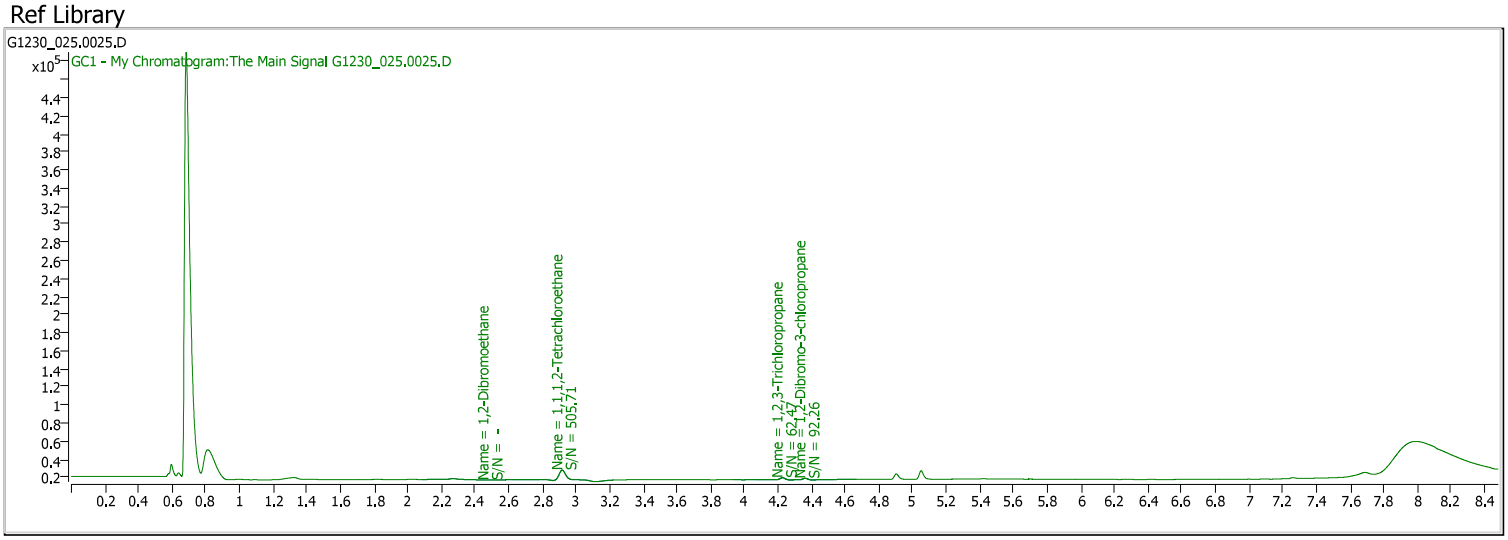




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

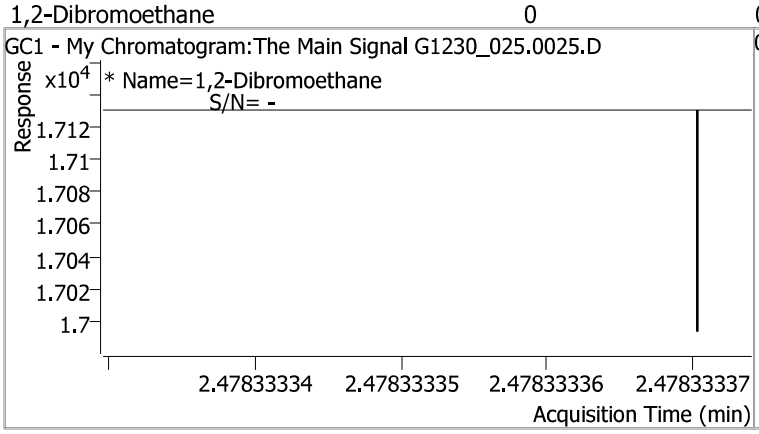
Data File	G1230_025.0025.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 6:58:31 PM
Sample Name	B21122077-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			

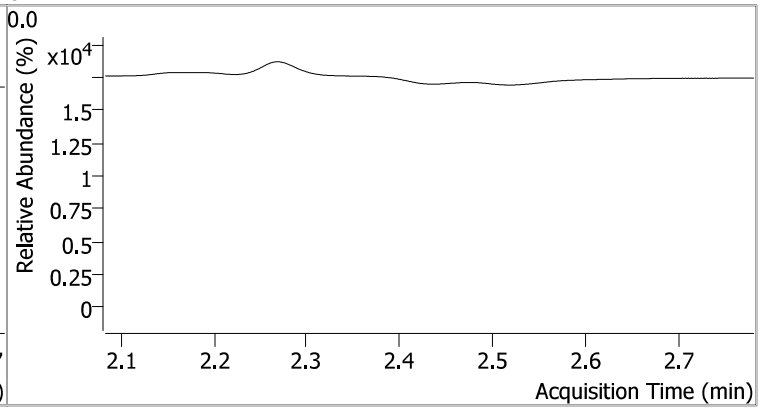


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.918	0.0	28030	0.0806	µg/L	m	-0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 80.65%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.478	0.0	0		µg/L	md	1

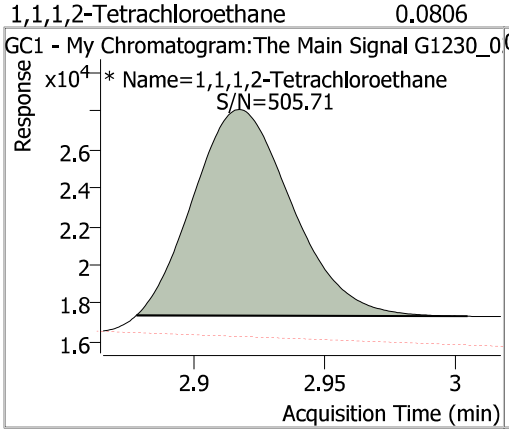
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

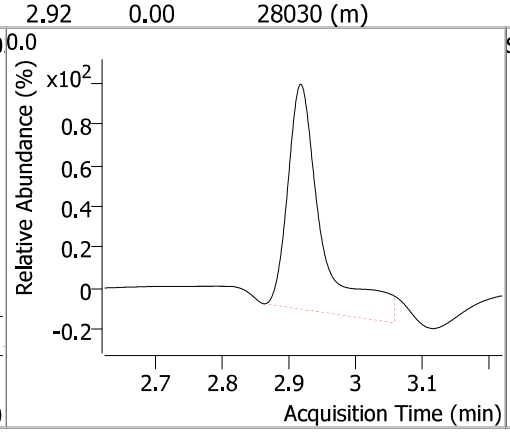
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

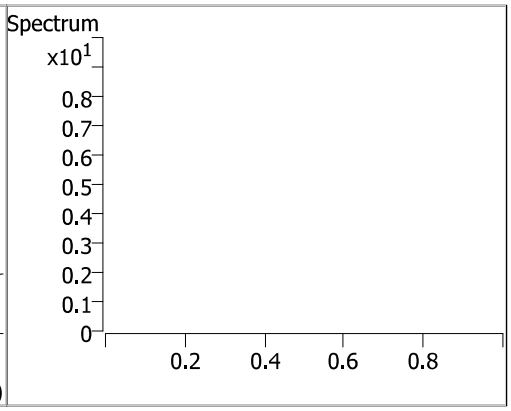




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0806	2.92	0.00	28030 (m)				



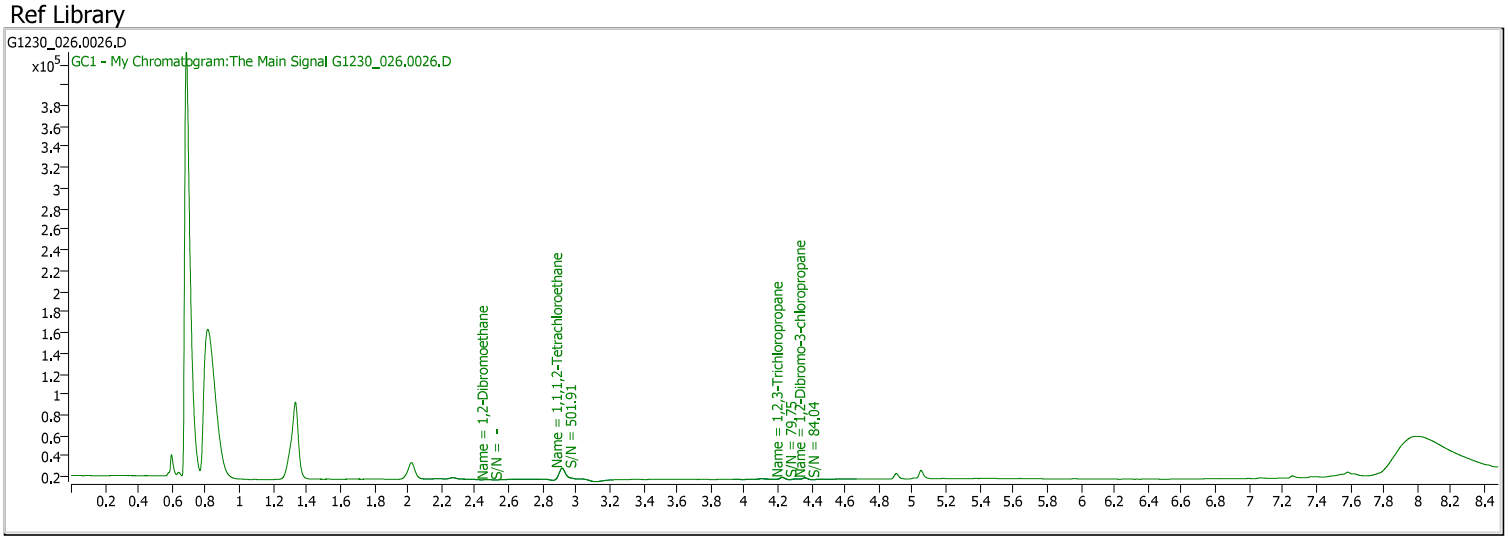




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

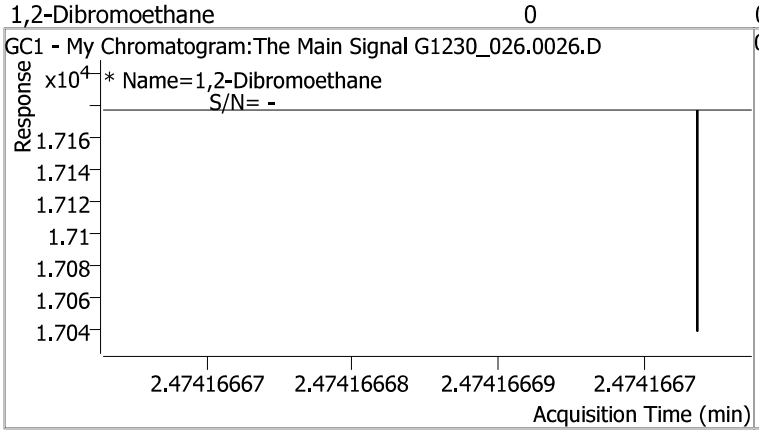
Data File	G1230_026.0026.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 7:18:30 PM
Sample Name	B21122088-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			

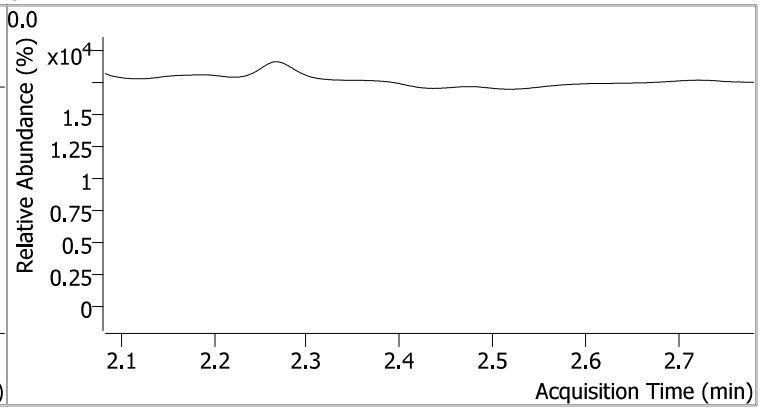


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.917	0.0	28980	0.0830	µg/L	m	-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 82.98%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.474	0.0	0		µg/L	md	1

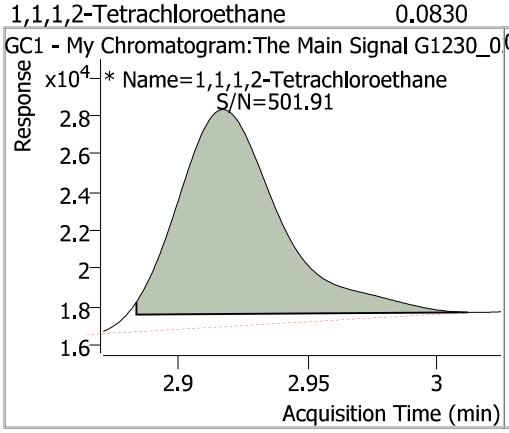
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

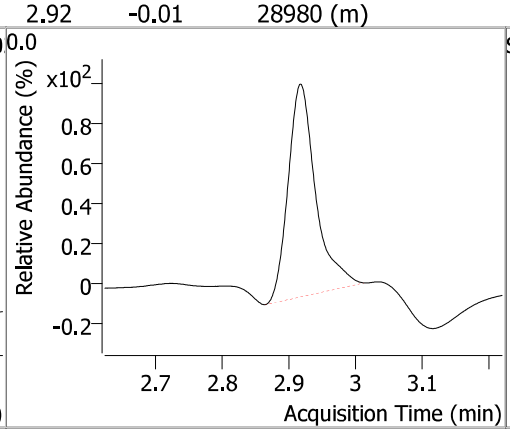
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

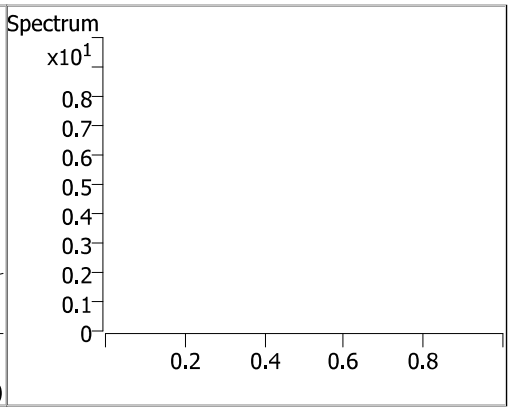




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0830	2.92	-0.01	28980 (m)				

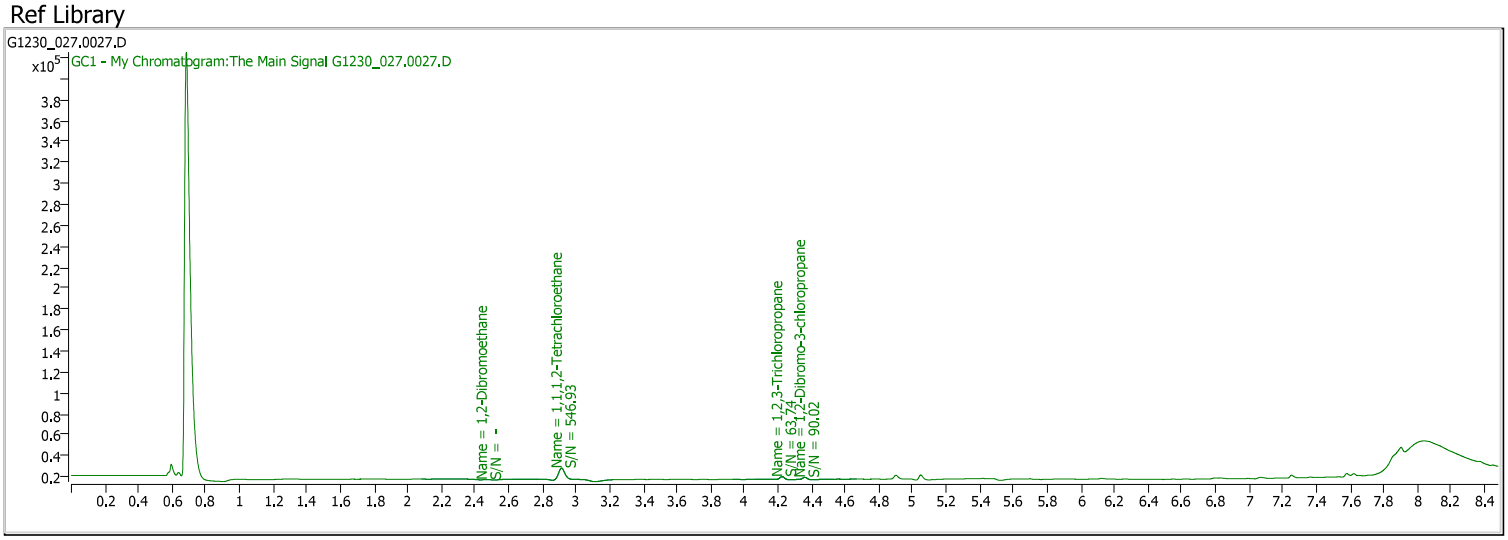






Quantitation Results Report (QT Reviewed)

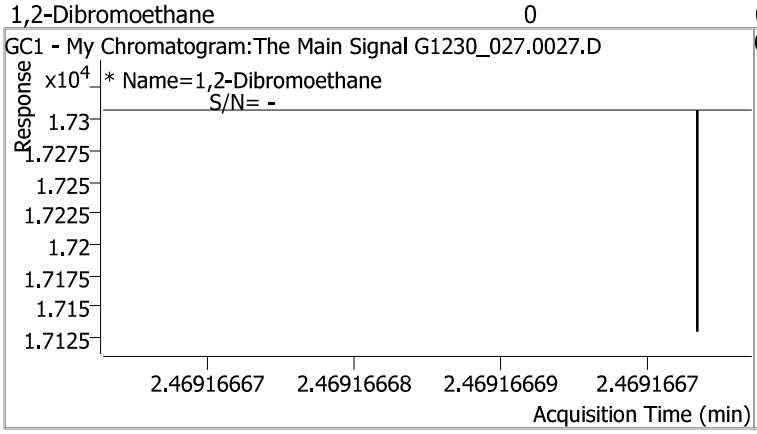
Data File	G1230_027.0027.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 7:38:32 PM
Sample Name	B21122090-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			

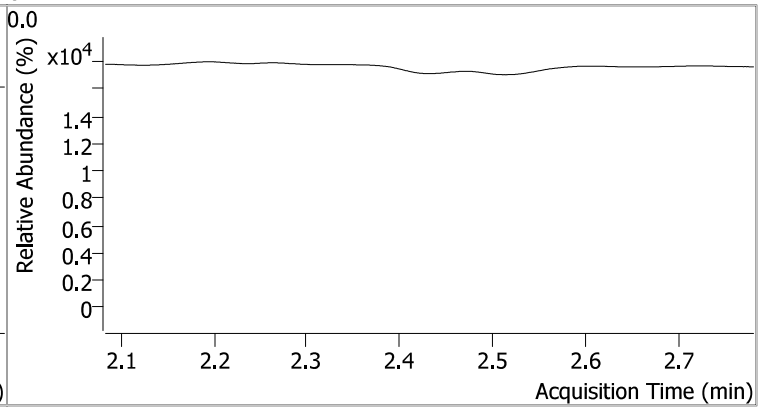


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.914	0.0	26799	0.0776	µg/L		-0.008
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 77.63%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.469	0.0	0		µg/L	md	1

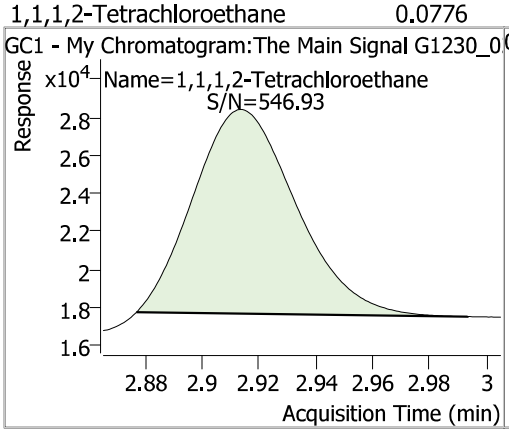
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

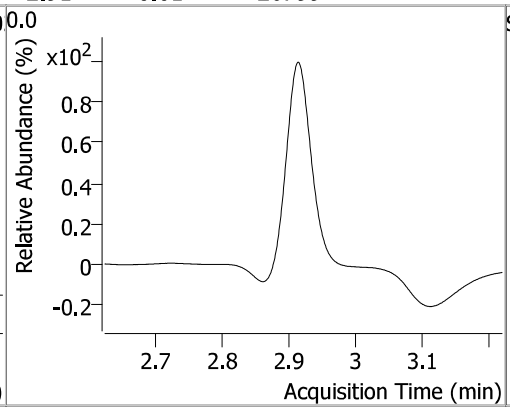
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

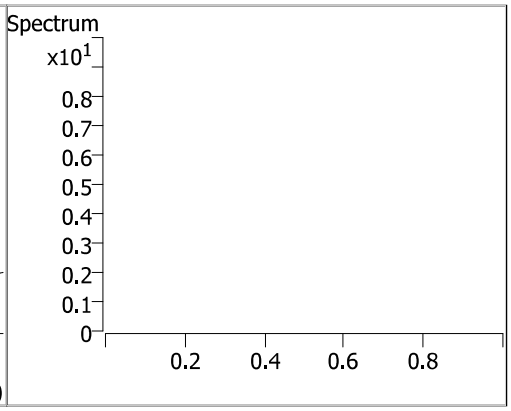




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0776	2.91	-0.01	26799				

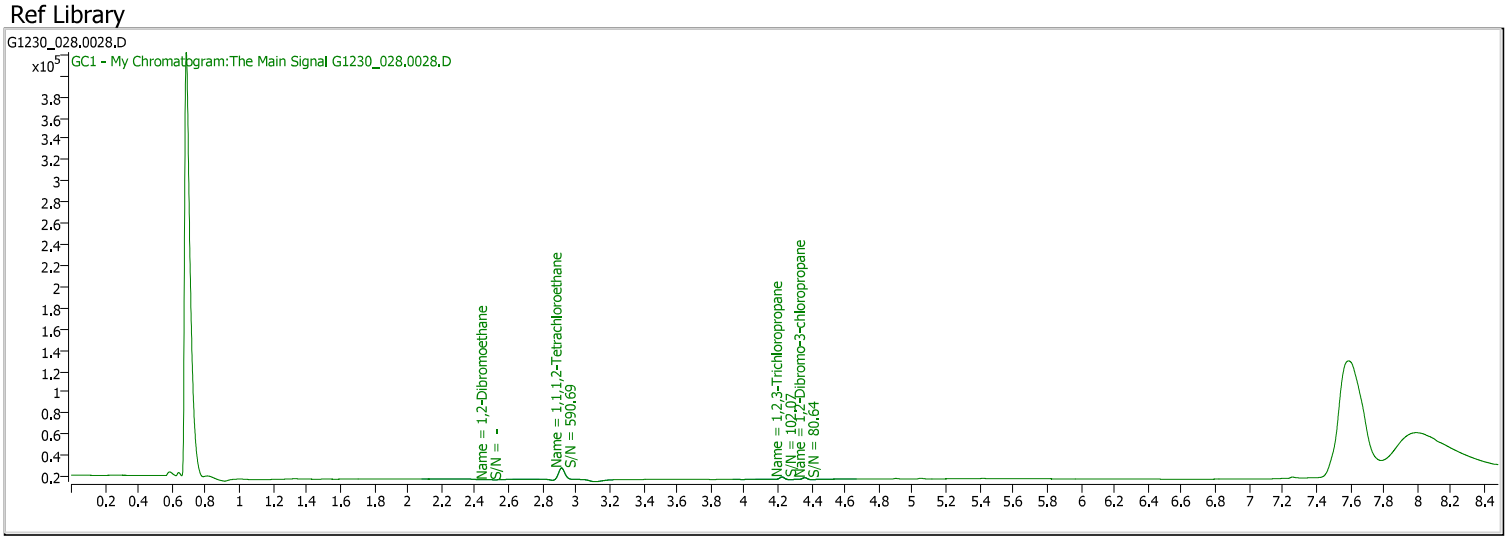






Quantitation Results Report (QT Reviewed)

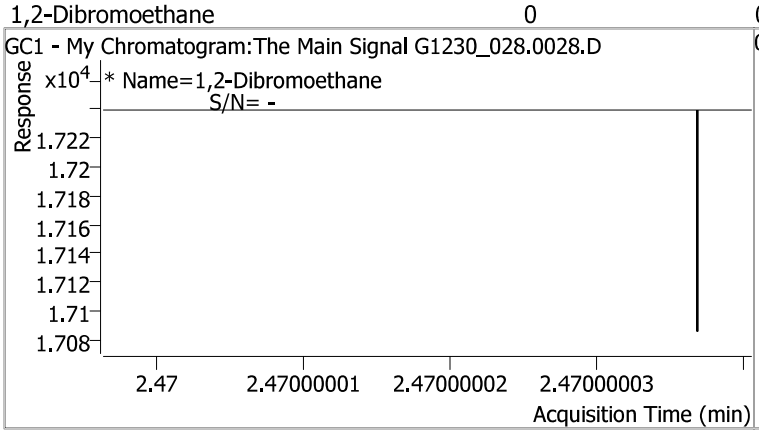
Data File	G1230_028.0028.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 7:58:29 PM
Sample Name	B21122090-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			

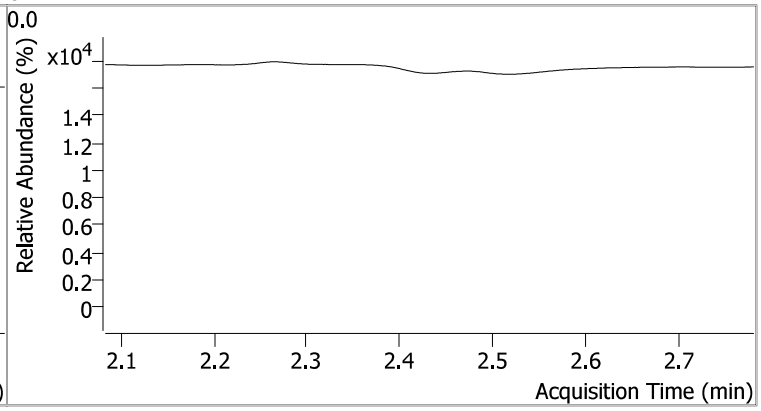


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.913	0.0	27777	0.0800	µg/L	m	-0.008
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 80.03%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.470	0.0	0		µg/L	md	1

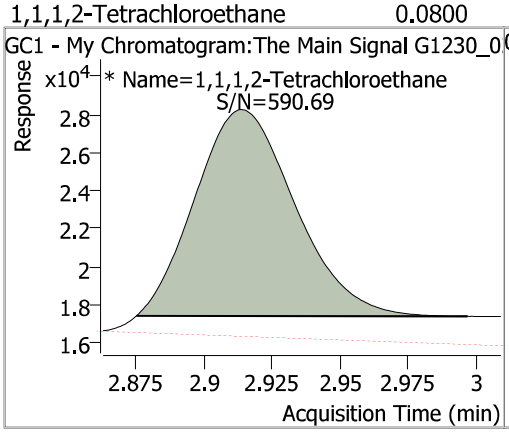
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

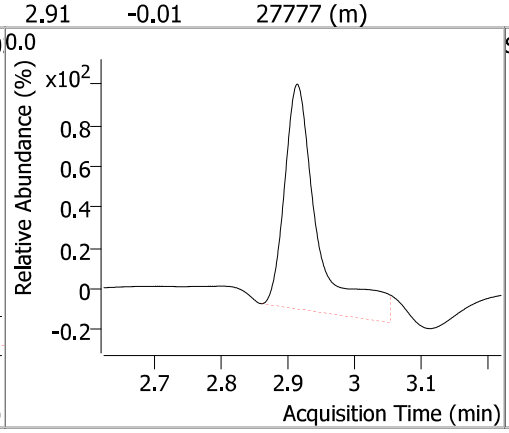
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

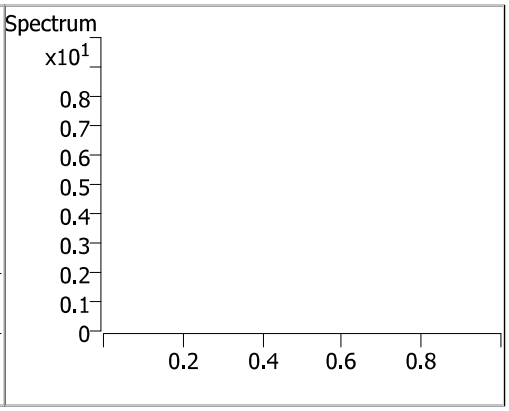




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0800	2.91	-0.01	27777 (m)				

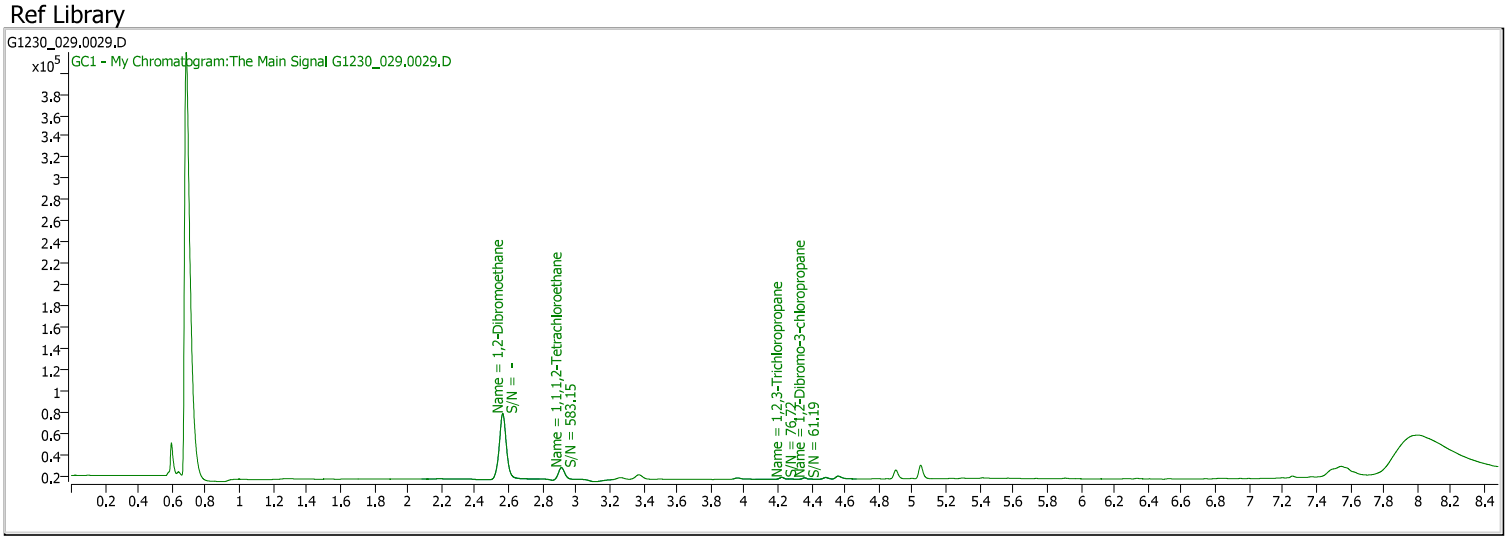






Quantitation Results Report (QT Reviewed)

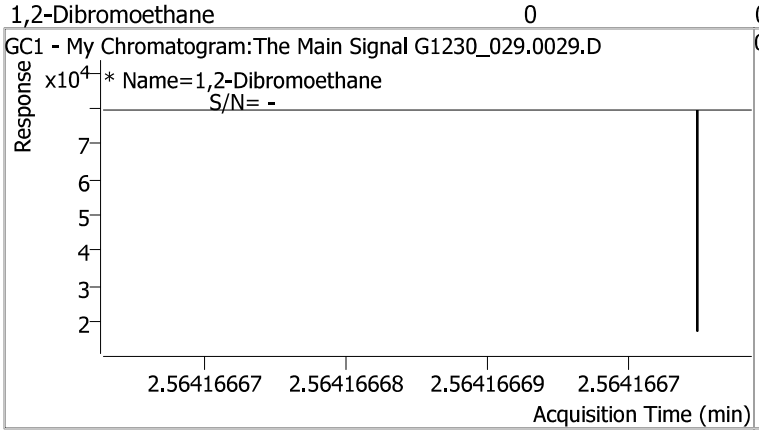
Data File	G1230_029.0029.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 8:18:33 PM
Sample Name	B21122105-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			

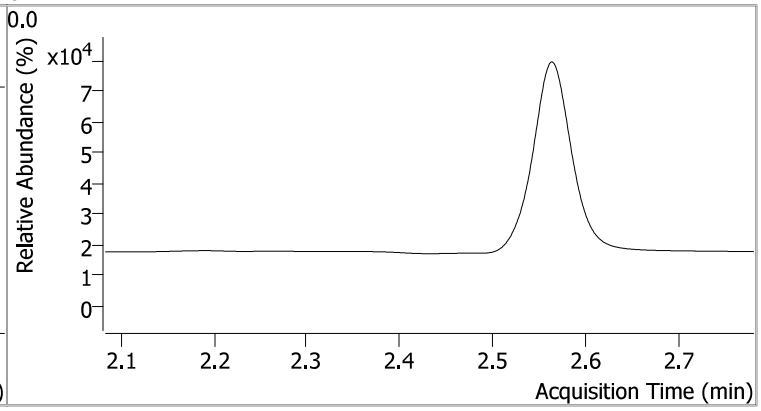


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.913	0.0	28154	0.0810	µg/L	m	-0.008
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 80.95%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.564	0.0	0		µg/L	md	1

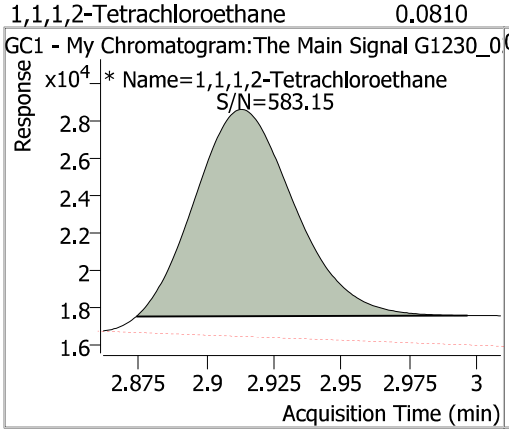
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

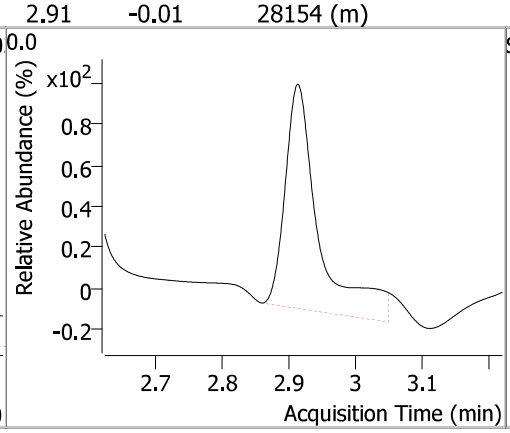
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

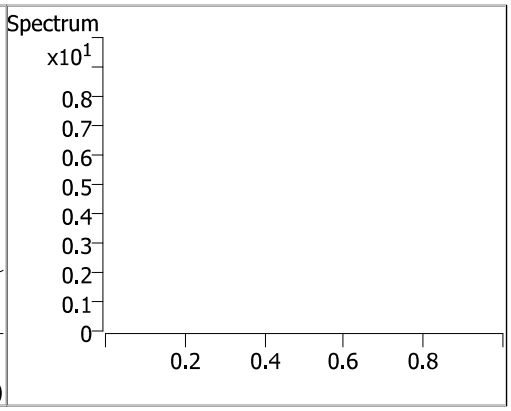




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0810	2.91	-0.01	28154 (m)				

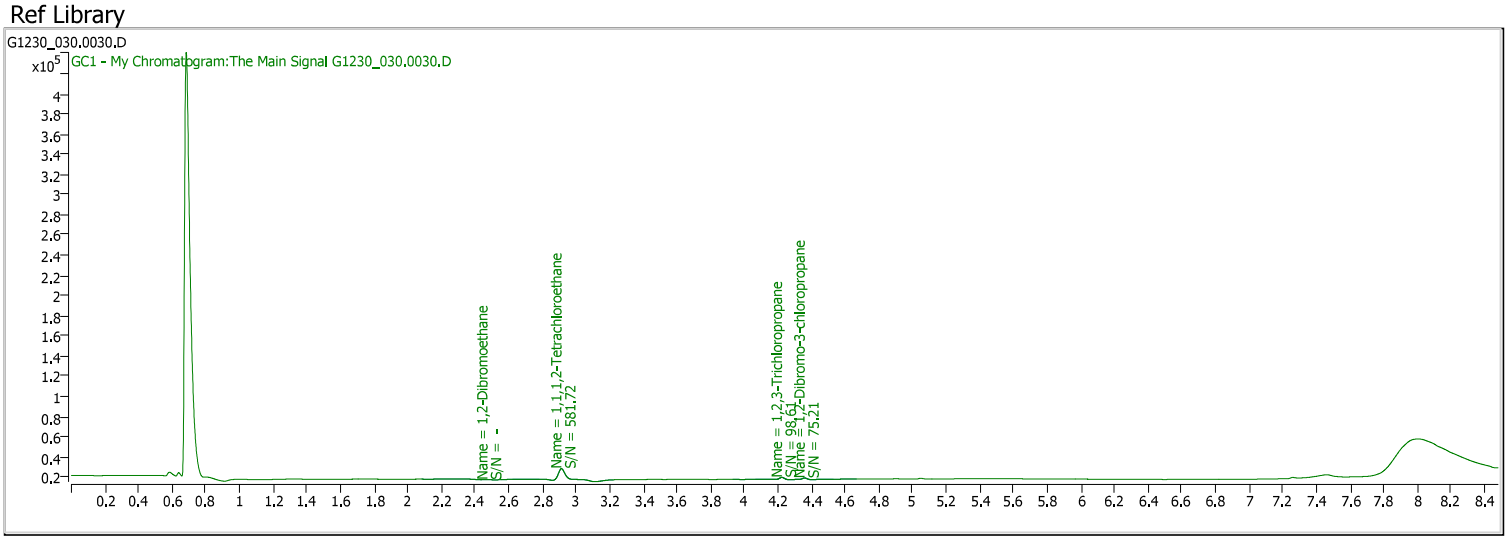






Quantitation Results Report (QT Reviewed)

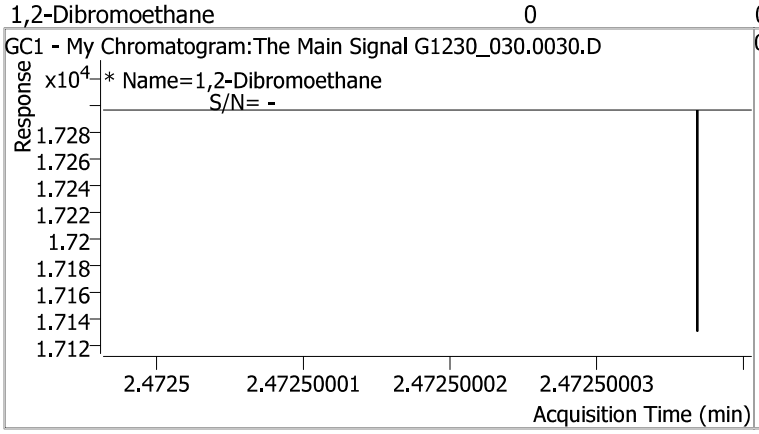
Data File	G1230_030.0030.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 8:38:31 PM
Sample Name	B21122105-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			

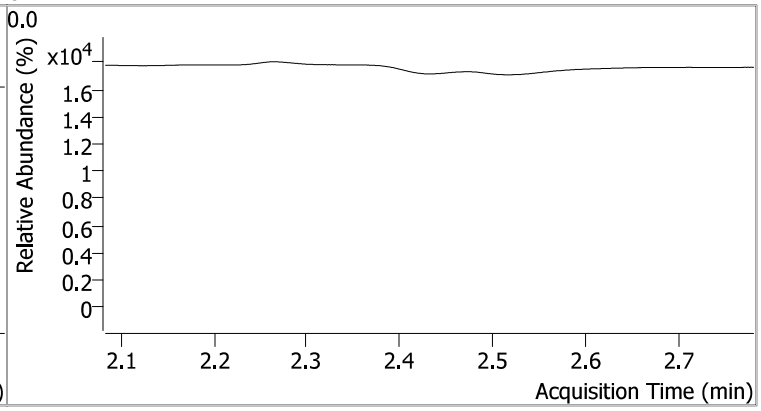


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.913	0.0	27610	0.0796	µg/L		-0.008
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 79.62%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.473	0.0	0		µg/L	md	1

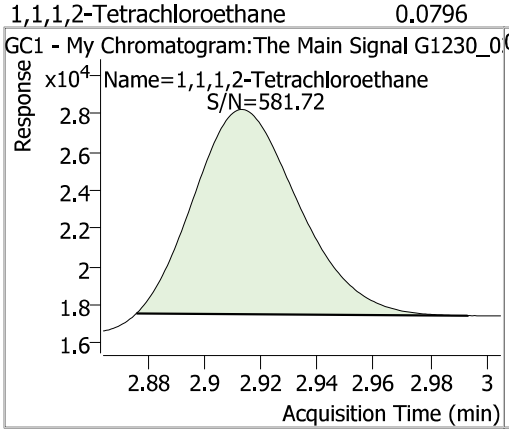
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

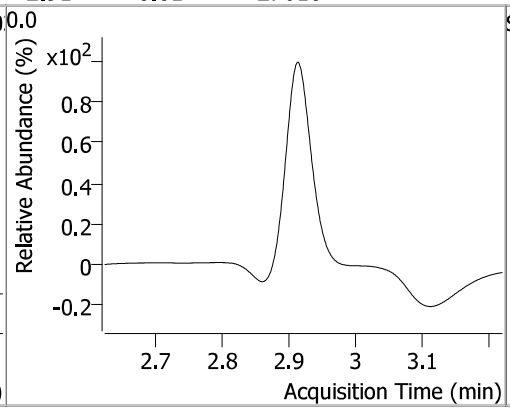
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

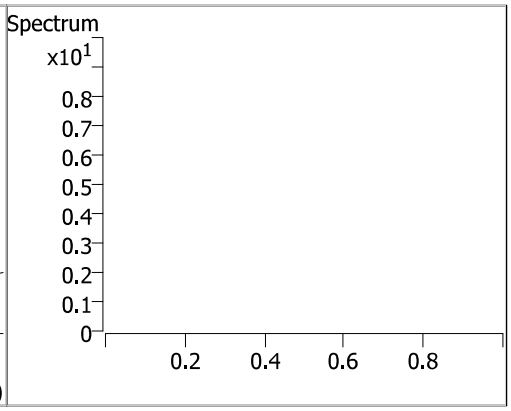




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0796	2.91	-0.01	27610				



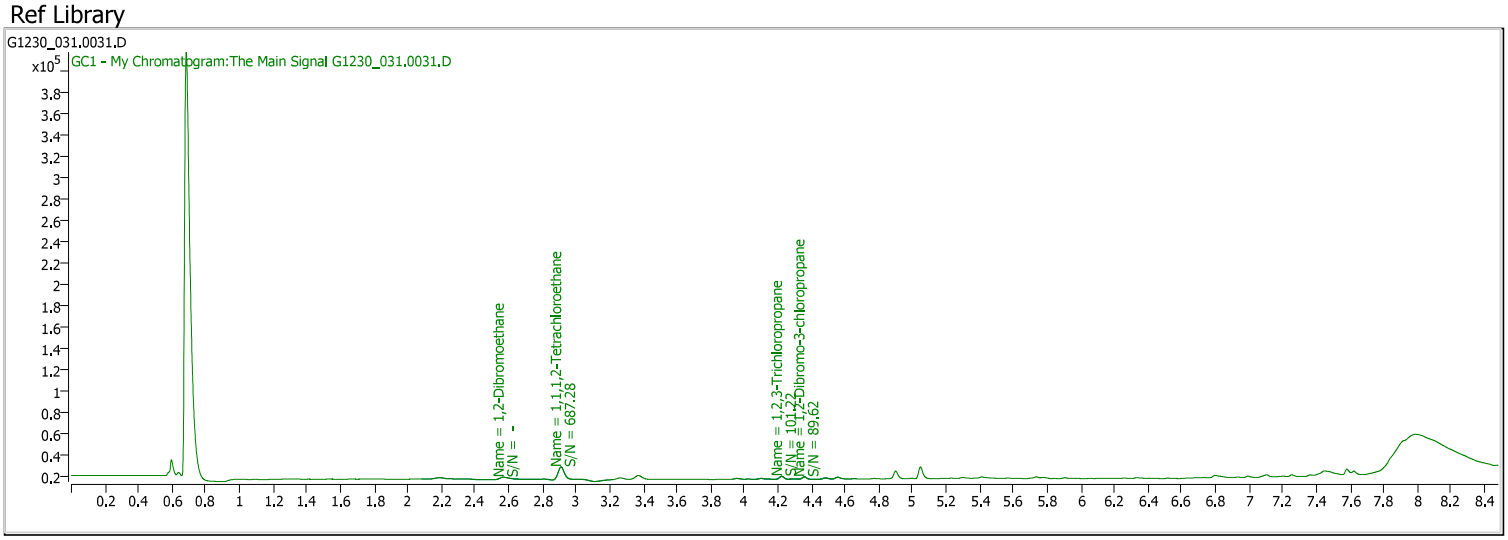




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

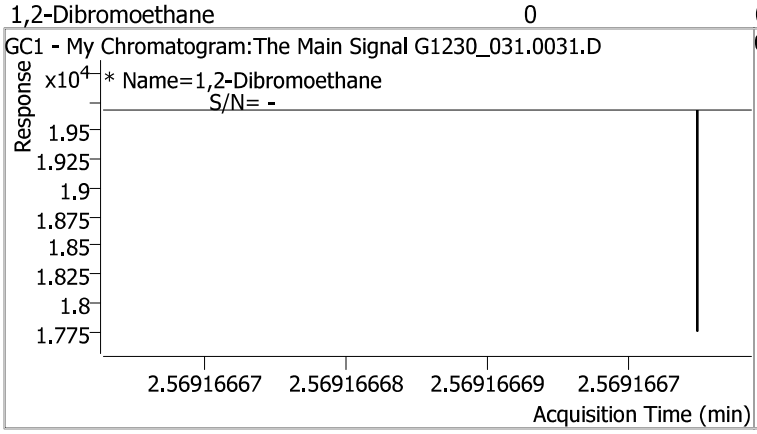
Data File	G1230_031.0031.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 8:58:28 PM
Sample Name	B21122088-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			

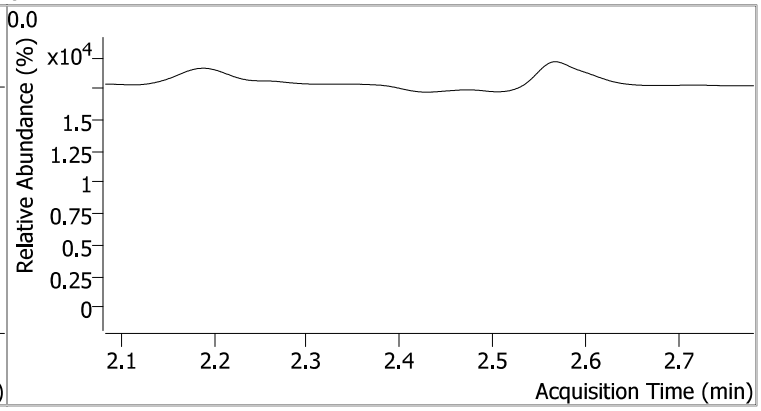


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.911	0.0	29326	0.0838	µg/L	m	-0.011
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 83.82%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.569	0.0	0		µg/L	md	1

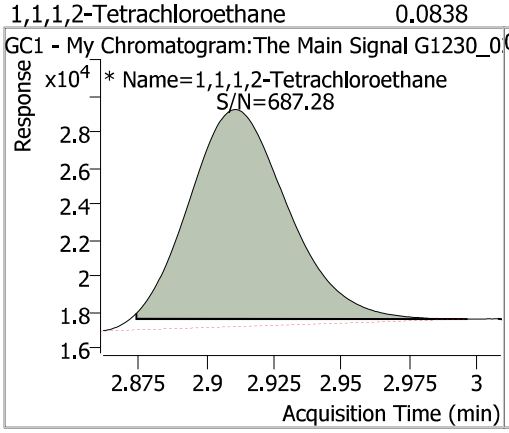
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

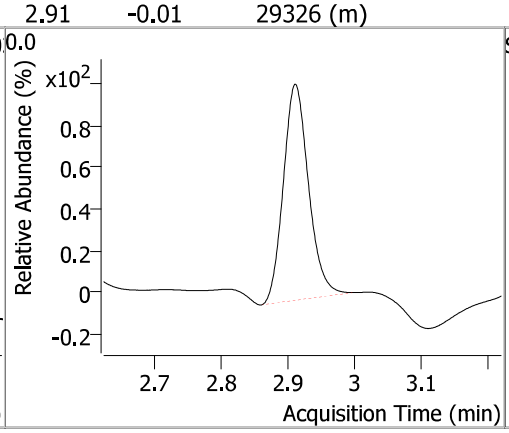
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

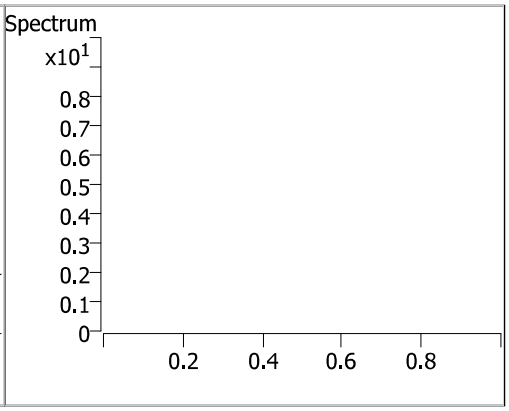




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0838	2.91	-0.01	29326 (m)				

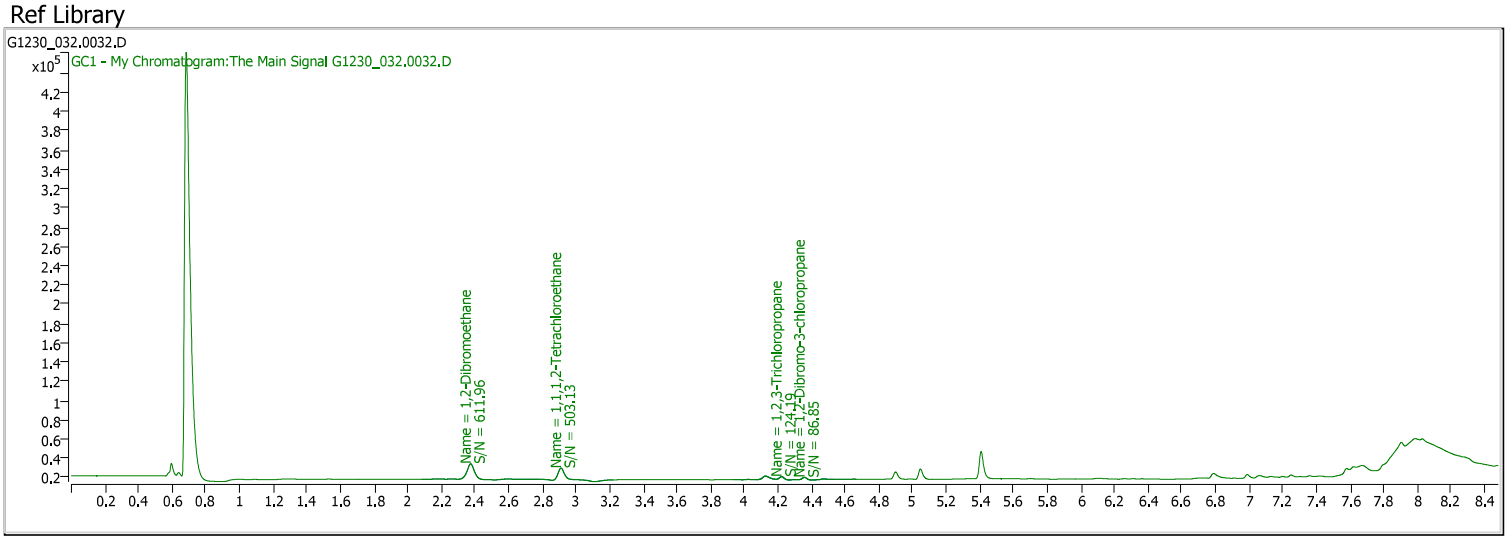






Quantitation Results Report (QT Reviewed)

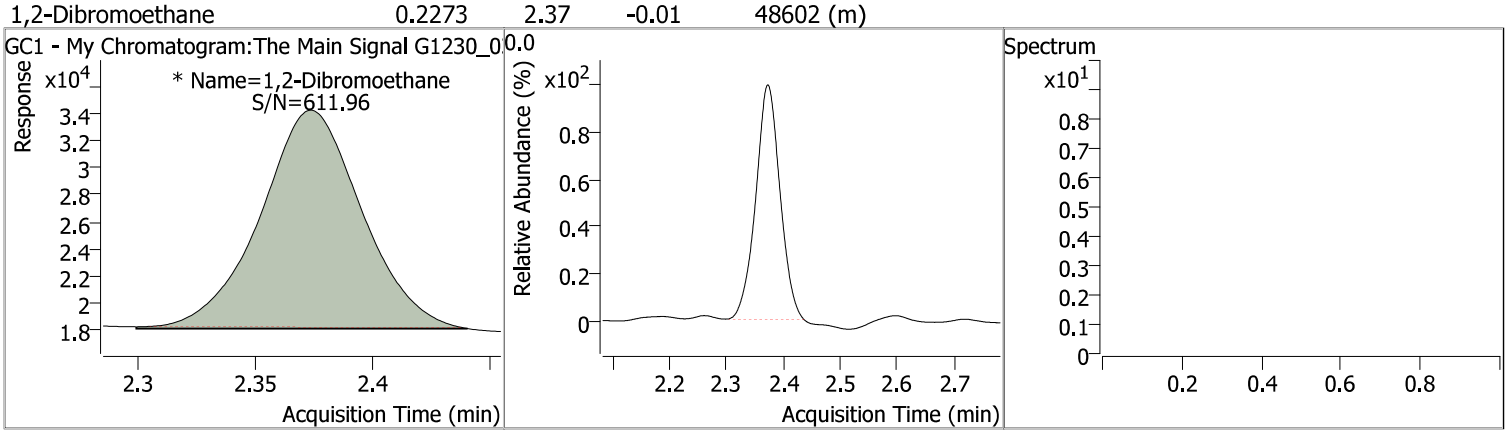
Data File	G1230_032.0032.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 9:18:38 PM
Sample Name	B21122088-001HMS	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



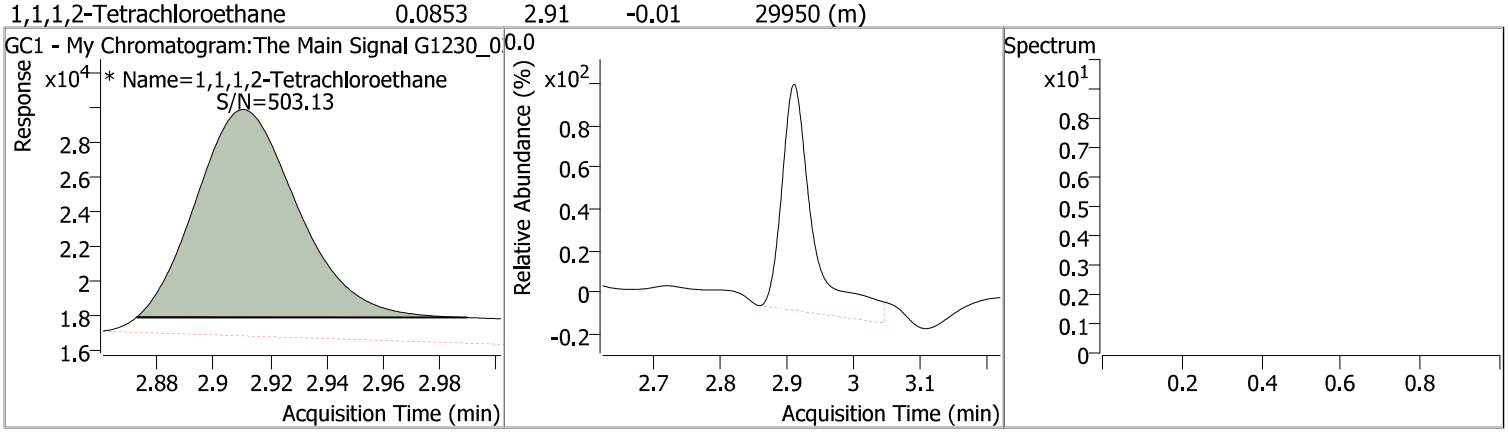
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.910	0.0	29950	0.0853	µg/L	m	-0.012
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 85.35%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.373	0.0	48602	0.2273	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	0.2273	2.37	-0.01	48602 (m)				

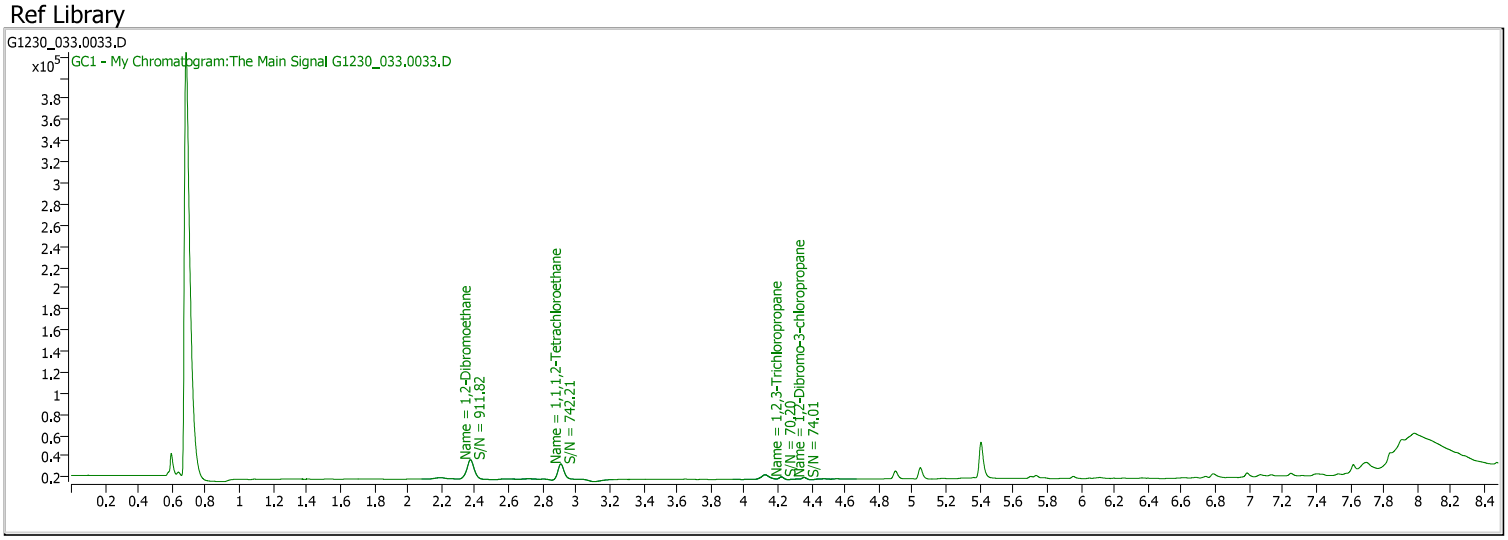


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0853	2.91	-0.01	29950 (m)				



Quantitation Results Report (QT Reviewed)

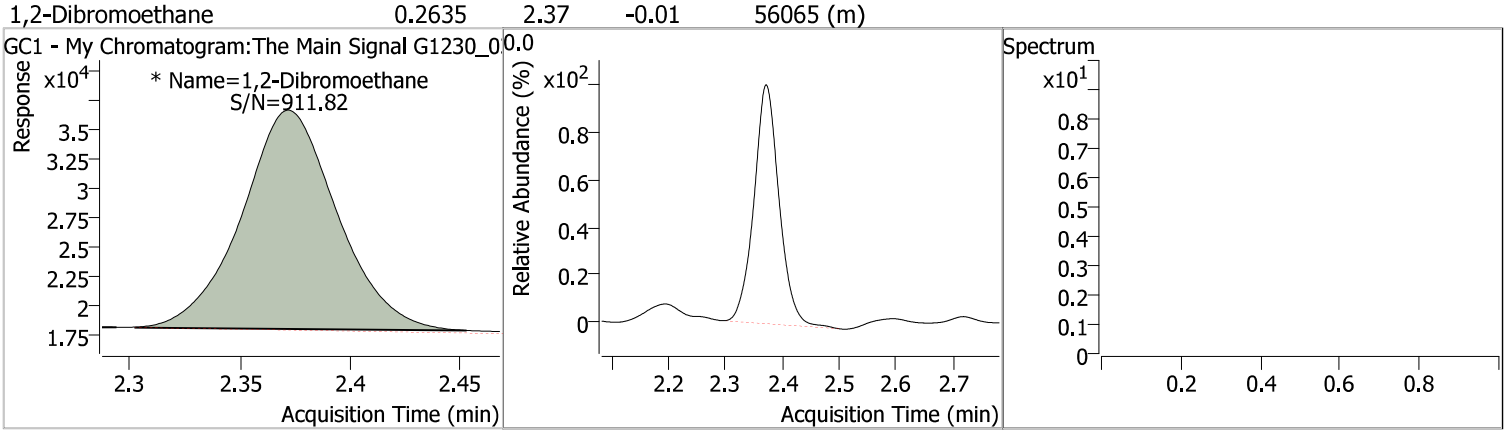
Data File	G1230_033.0033.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 9:38:38 PM
Sample Name	B21122088-001HMSD	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



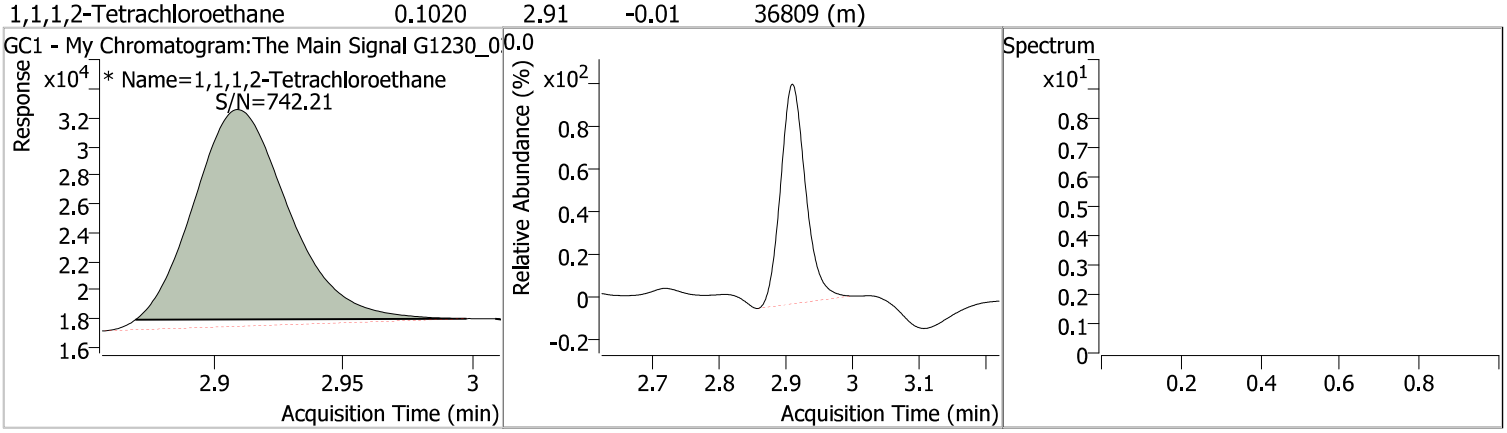
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.909	0.0	36809	0.1020	µg/L	m	-0.013
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 102.04%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.373	0.0	56065	0.2635	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	0.2635	2.37	-0.01	56065 (m)				

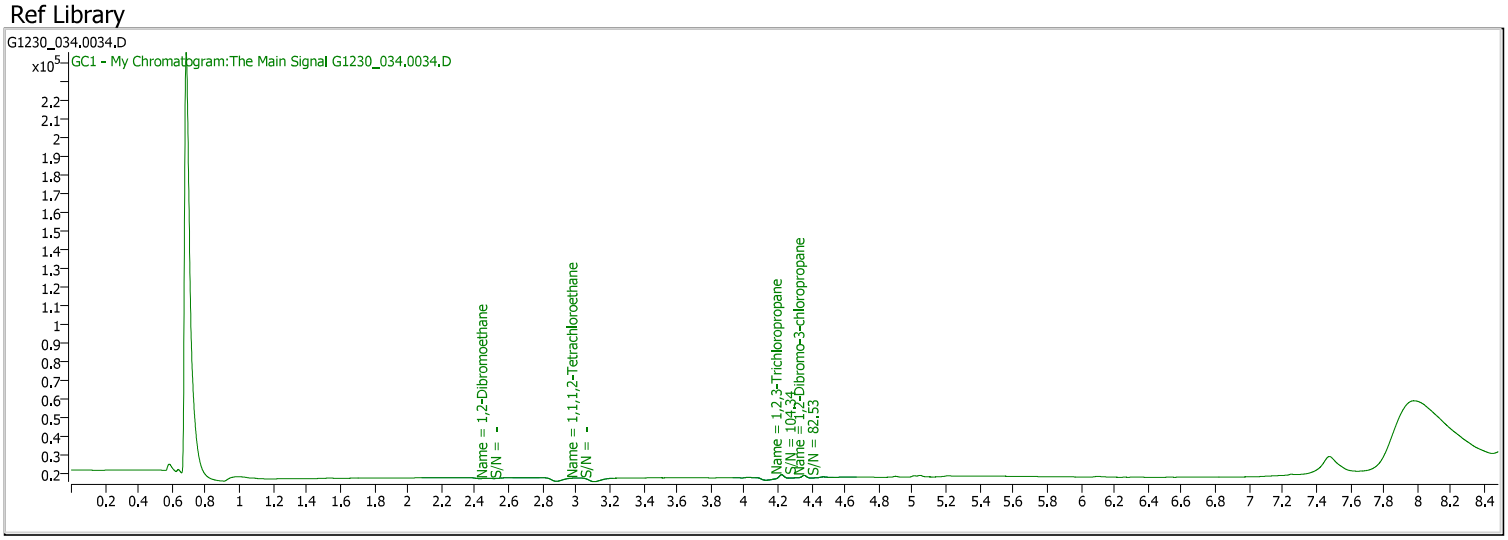


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1020	2.91	-0.01	36809 (m)				



Quantitation Results Report (QT Reviewed)

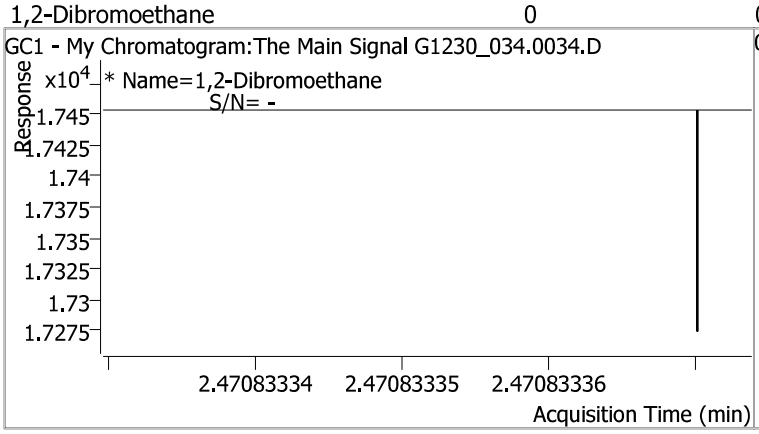
Data File	G1230_034.0034.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 9:58:44 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			

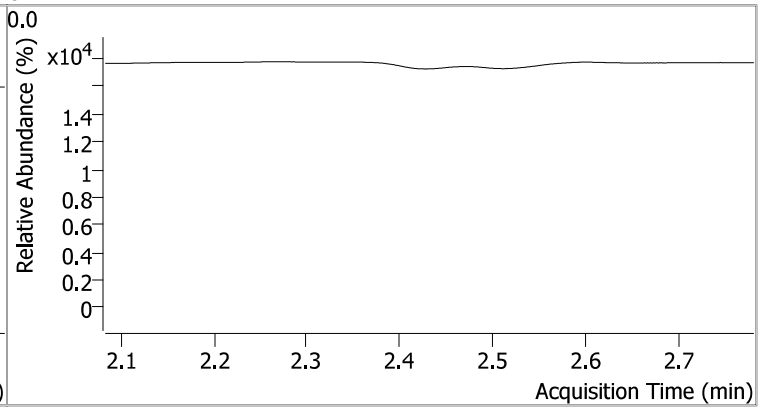


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.007	0.0	0		µg/L	md	0.085
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.471	0.0	0		µg/L	md	1

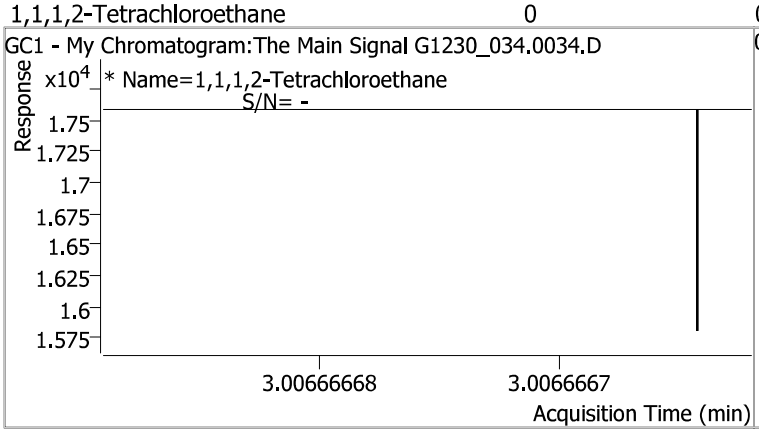
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

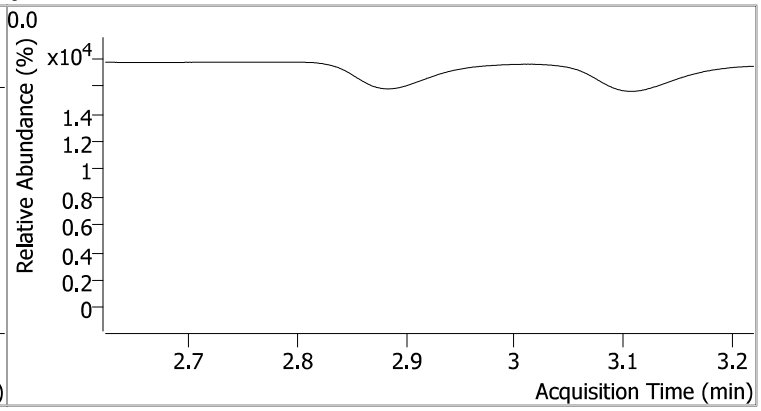
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





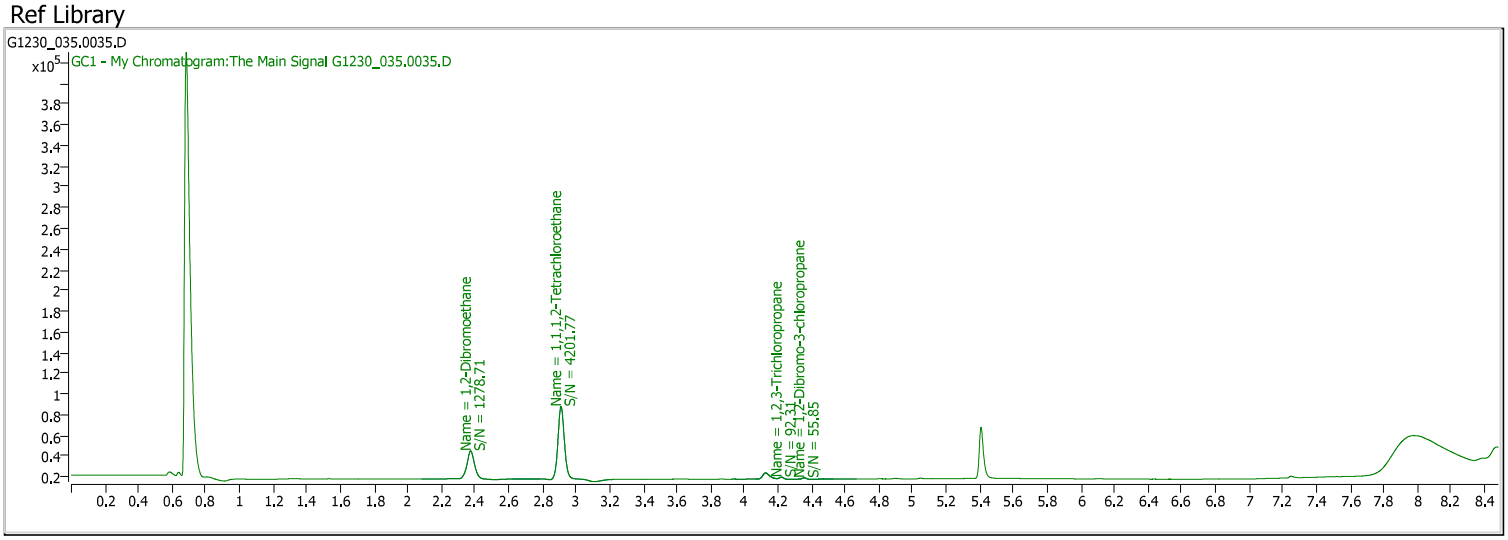
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

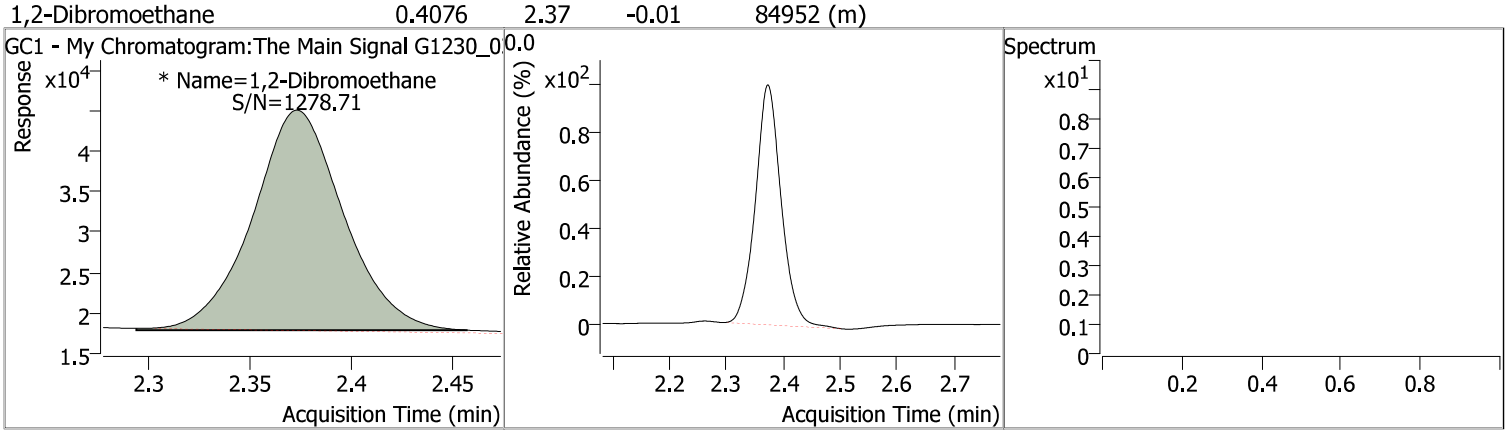
Data File	G1230_035.0035.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/30/2021 10:18:36 PM
Sample Name	CK5-162607	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G123021_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G123021_8011_W_CLT.batch.bin	Last Calib Update	1/3/2022 12:01:23 PM
Ref Library			



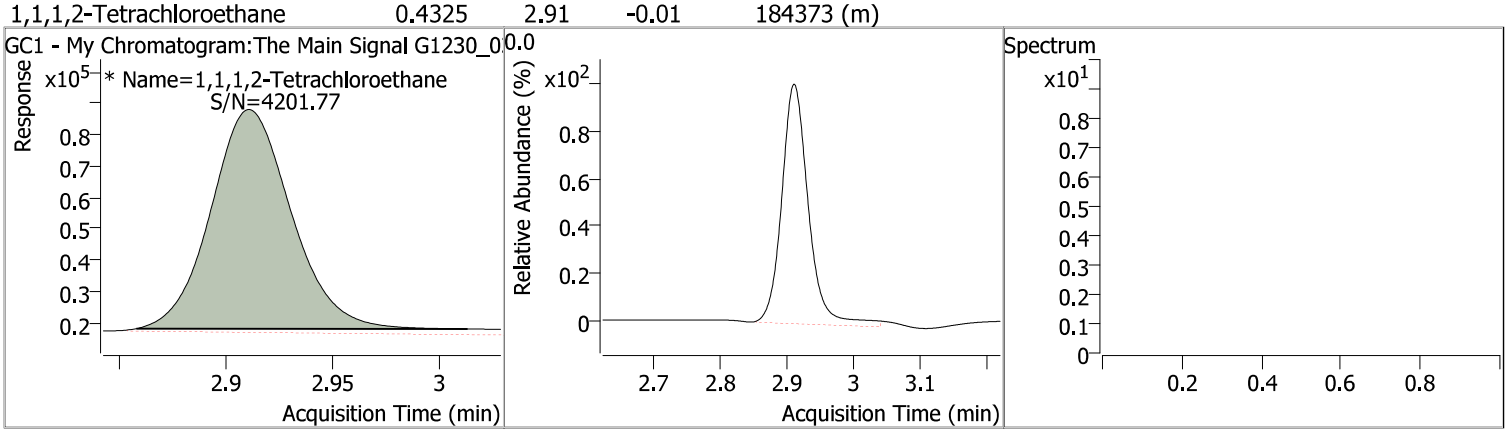
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.910	0.0	184373	0.4325	µg/L	m	-0.012
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 432.51%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.373	0.0	84952	0.4076	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	0.4076	2.37	-0.01	84952 (m)				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4325	2.91	-0.01	184373 (m)				



Audit Trail report

Batch name and path: D:\Org\Data\GECD.I\G123021\aiaexport\QuantResults\G123021_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	12/30/2021 12:50:29 PM	Create new batch \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G123021_8011_W_CLT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	12/30/2021 12:52:08 PM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_006.0006.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_005.0005.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_004.0004.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_003.0003.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_002.0002.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_001.0001.D			✓	
CmdStartMethodEditing	BL2000\ctran	12/30/2021 12:52:17 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\ctran	12/30/2021 12:52:17 PM	Import method from file \\MASSHUNTER\Org\Data\GECD.I\GECD_methods\G122821_8011_W_CLT.m			✓	
CmdApplyMethodToAllSamples	BL2000\ctran	12/30/2021 12:52:22 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\ctran	12/30/2021 12:52:22 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\ctran	12/30/2021 12:52:23 PM	End method editing			✓	
CmdQuantitate	BL2000\ctran	12/30/2021 12:52:24 PM	Quantitate all compounds in all samples			✓	
CmdUpdateRetentionTimes	BL2000\ctran	12/30/2021 12:53:49 PM	Update retention time for compound 1,2-Dibromoethane; 1,1,1,2-Tetrachloroethane;			✓	
CmdQuantitate	BL2000\ctran	12/30/2021 12:53:51 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\ctran	12/30/2021 12:54:13 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_004.0004.D, from x, y = 2.867, 18484 to 3.009, 18385, result = 90103; previous integration is from x, y = 2.863, 18039 to 3.046, 17050 and previous response = 99601.			✓	
CmdClearManualIntegration	BL2000\ctran	12/30/2021 12:54:17 PM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G1230_004.0004.D			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	12/30/2021 12:54:20 PM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G1230_004.0004.D, from x = 2.863 to x = 3.046, new integration is from x, y = 2.863, 18255 to 3.046, 18214 and new response = 92011; previous integration is from x, y = 2.863, 18039 to 3.046, 17050 and previous response = 99601.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	12/30/2021 12:54:29 PM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G1230_005.0005.D, from x = 2.874 to x = 3.060, new integration is from x, y = 2.874, 18161 to 3.060, 18698 and new response = 46516; previous integration is from x, y = 2.874, 18161 to 3.060, 17145 and previous response = 55191.			✓	
CmdClearManualIntegration	BL2000\ctran	12/30/2021 12:54:35 PM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G1230_005.0005.D			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	12/30/2021 12:54:36 PM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G1230_005.0005.D, from x = 2.874 to x = 3.060, new integration is from x, y = 2.874, 18161 to 3.060, 18698 and new response = 46516; previous integration is from x, y = 2.874, 18161 to 3.060, 17145 and previous response = 55191.			✓	
CmdSaveBatchTable	BL2000\ctran	12/30/2021 12:55:56 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\QuantResults\G123021_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	12/30/2021 2:08:33 PM	Open batch D:\Org\Data\GECD.I\G123021\aiaexport\G123021_8011_W_CLT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	12/30/2021 2:08:46 PM	Add samples from worklist: D:\Org\Data\GECD.I\G123021\aiaexport\G1230_009.0009.D, D:\Org\Data\GECD.I\G123021\aiaexport\G1230_008.0008.D, D:\Org\Data\GECD.I\G123021\aiaexport\G1230_007.0007.D			✓	
CmdQuantitate	BL2000\ctran	12/30/2021 2:08:49 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\ctran	12/30/2021 2:09:06 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_009.0009.D, from x, y = 2.916, 17527 to 2.961, 17625, result = 647; previous integration is from x, y = 2.906, 17006 to 2.963, 16702 and previous response = 2941.			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	12/30/2021 2:09:09 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_009.0009.D, from x, y = 2.914, 17516 to 2.917, 17600, result = 4; previous integration is from x, y = 2.916, 17527 to 2.961, 17625 and previous response = 647.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	12/30/2021 2:09:13 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_009.0009.D, from x, y = 2.914, 17611 to 2.959, 17625, result = 527; previous integration is from x, y = 2.914, 17516 to 2.917, 17600 and previous response = 4.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	12/30/2021 2:09:32 PM	Manually integrate compound 1,2-Dibromoethane in sample G1230_009.0009.D, from x, y = 2.227, 18257 to 2.410, 18249, result = 2603; previous integration is from x, y = 2.329, 18308 to 2.410, 18335 and previous response = 1690.			✓	
CmdManuallyIntegrateSplit	BL2000\ctran	12/30/2021 2:09:34 PM	Split peak for compound 1,2-Dibromoethane in sample G1230_009.0009.D and keep right peak, new integration is from x, y = 2.318, 18253.2284924899 to 2.410, 18249.1712184261 and new response = 2063, previous integration is from x, y = 2.227, 18257 to 2.410, 18249 and previous response = 2603.			✓	
CmdZeroOutPeak	BL2000\ctran	12/30/2021 2:09:59 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_008.0008.D			✓	
CmdZeroOutPeak	BL2000\ctran	12/30/2021 2:10:02 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G1230_008.0008.D			✓	
CmdQuantitate	BL2000\ctran	12/30/2021 2:10:41 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	12/30/2021 2:10:44 PM	Save batch D:\Org\Data\GECD.I\G123021\aiaexport\QuantResults\G123021_8011_W_CLT.batch.bin			✓	
CmdSaveBatchTable	BL2000\ctran	12/30/2021 2:19:29 PM	Save batch D:\Org\Data\GECD.I\G123021\aiaexport\QuantResults\G123021_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	1/3/2022 7:47:45 AM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G123021_8011_W_CLT.batch.bin			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\ctran	1/3/2022 7:48:30 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_035.0035.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_034.0034.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_033.0033.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_032.0032.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_031.0031.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_030.0030.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_029.0029.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_028.0028.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_027.0027.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_026.0026.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_025.0025.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_024.0024.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_023.0023.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_022.0022.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_021.0021.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_020.0020.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_019.0019.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_018.0018.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_017.0017.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_016.0016.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_015.0015.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_014.0014.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_013.0013.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_012.0012.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_011.0011.D, \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\G1230_010.0010.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:48:37 AM	Set SampleType = CC for sample G1230_009.0009.D; previous value = Sample			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:48:38 AM	Set SampleType = Calibration for sample G1230_009.0009.D; previous value = CC			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:48:40 AM	Set SampleType = Calibration for sample G1230_010.0010.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:48:42 AM	Set SampleType = Calibration for sample G1230_011.0011.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:48:45 AM	Set SampleType = Calibration for sample G1230_012.0012.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:48:47 AM	Set SampleType = Calibration for sample G1230_013.0013.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:48:48 AM	Set SampleType = Calibration for sample G1230_014.0014.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:48:50 AM	Set SampleType = Calibration for sample G1230_015.0015.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:48:53 AM	Set LevelName = 1 for sample G1230_009.0009.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:48:55 AM	Set LevelName = 7 for sample G1230_010.0010.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:48:58 AM	Set LevelName = 2 for sample G1230_011.0011.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:49:00 AM	Set LevelName = 3 for sample G1230_012.0012.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:49:03 AM	Set LevelName = 4 for sample G1230_013.0013.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:49:06 AM	Set LevelName = 5 for sample G1230_014.0014.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:49:09 AM	Set LevelName = 6 for sample G1230_015.0015.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:49:13 AM	Set SampleType = DoubleBlank for sample G1230_016.0016.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:49:16 AM	Set SampleType = QC for sample G1230_017.0017.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:49:18 AM	Set LevelName = LCS for sample G1230_017.0017.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:49:21 AM	Set SampleType = MatrixBlank for sample G1230_018.0018.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:49:23 AM	Set SampleType = CC for sample G1230_018.0018.D; previous value = MatrixBlank			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:49:25 AM	Set LevelName = 3 for sample G1230_018.0018.D; previous value =			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:49:40 AM	Set SampleType = Blank for sample G1230_019.0019.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:49:57 AM	Set SampleType = QC for sample G1230_020.0020.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:50:00 AM	Set LevelName = LCS for sample G1230_020.0020.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:50:02 AM	Set SampleType = QC for sample G1230_021.0021.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:50:05 AM	Set LevelName = LCS1 for sample G1230_021.0021.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:50:08 AM	Set SampleType = DoubleBlank for sample G1230_022.0022.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:50:25 AM	Set SampleType = MatrixBlank for sample G1230_031.0031.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:50:28 AM	Set SampleType = Matrix for sample G1230_032.0032.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:50:34 AM	Set SampleType = MatrixDup for sample G1230_033.0033.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:50:37 AM	Set SampleType = DoubleBlank for sample G1230_034.0034.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:50:39 AM	Set SampleType = CC for sample G1230_035.0035.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:50:43 AM	Set LevelName = 5 for sample G1230_035.0035.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:50:59 AM	Set MatrixSpikeGroup = B211220881 for sample G1230_031.0031.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:51:00 AM	Set MatrixSpikeGroup = B211220881 for sample G1230_032.0032.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:51:02 AM	Set MatrixSpikeGroup = B211220881 for sample G1230_033.0033.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	1/3/2022 7:51:05 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:51:10 AM	Set SampleApproved = True for sample G1230_001.0001.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:51:10 AM	Set SampleApproved = True for sample G1230_002.0002.D; previous value = False			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:51:11 AM	Set SampleApproved = True for sample G1230_003.0003.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:51:12 AM	Set SampleApproved = True for sample G1230_004.0004.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:51:12 AM	Set SampleApproved = True for sample G1230_005.0005.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:51:13 AM	Set SampleApproved = True for sample G1230_006.0006.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:51:13 AM	Set SampleApproved = True for sample G1230_007.0007.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:51:21 AM	Set SampleApproved = True for sample G1230_008.0008.D; previous value = False			✓	
CmdUpdateRetentionTimes	BL2000\ctran	1/3/2022 7:51:34 AM	Update retention time for compound 1,2,3-Trichloropropane; 1,2-Dibromo-3-chloropropane; 1,2-Dibromoethane; 1,1,1,2-Tetrachloroethane;			✓	
CmdQuantitate	BL2000\ctran	1/3/2022 7:51:38 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	1/3/2022 7:51:40 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\QuantResults\G123021_8011_W_CLT.batch.bin			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:51:54 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G1230_009.0009.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:51:57 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_009.0009.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:51:59 AM	Set SampleApproved = True for sample G1230_009.0009.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:52:07 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_010.0010.D, from x, y = 2.904, 17650 to 2.978, 17625, result = 2869; previous integration is from x, y = 2.888, 16509 to 2.978, 17625 and previous response = 5277.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:52:15 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_010.0010.D; previous value =			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:52:24 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_010.0010.D, from x, y = 2.327, 18172 to 2.425, 18013, result = 4288; previous integration is from x, y = 2.327, 18172 to 2.439, 17689 and previous response = 5140.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/3/2022 7:52:35 AM	Drop baseline for compound 1,2-Dibromoethane in sample G1230_010.0010.D to y = 18013, new integration is from x, y = 2.327, 18013 to 2.425, 18013 and new response = 4760; previous integration is from x, y = 2.327, 18172 to 2.425, 18013 and previous response = 4288.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:52:46 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_010.0010.D, from x, y = 2.229, 18094 to 2.423, 18077, result = 4964; previous integration is from x, y = 2.327, 18013 to 2.425, 18013 and previous response = 4760.			✓	
CmdManuallyIntegrateSplit	BL2000\ctran	1/3/2022 7:52:50 AM	Split peak for compound 1,2-Dibromoethane in sample G1230_010.0010.D and keep right peak, new integration is from x, y = 2.314, 18086.4346622995 to 2.423, 18077.0394736842 and new response = 4419, previous integration is from x, y = 2.229, 18094 to 2.423, 18077 and previous response = 4964.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/3/2022 7:52:52 AM	Drop baseline for compound 1,2-Dibromoethane in sample G1230_010.0010.D to y = 18077, new integration is from x, y = 2.314, 18077 to 2.423, 18077 and new response = 4449; previous integration is from x, y = 2.314, 18086 to 2.423, 18077 and previous response = 4419.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:52:56 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G1230_010.0010.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:53:00 AM	Set SampleApproved = True for sample G1230_010.0010.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:53:21 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_011.0011.D, from x, y = 2.223, 18083 to 2.428, 18027, result = 11719; previous integration is from x, y = 2.318, 18123 to 2.426, 18161 and previous response = 10513.			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSplit	BL2000\ctran	1/3/2022 7:53:23 AM	Split peak for compound 1,2-Dibromoethane in sample G1230_011.0011.D and keep right peak, new integration is from x, y = 2.313, 18058.778613088 to 2.428, 18026.8795793599 and new response = 11192, previous integration is from x, y = 2.223, 18083 to 2.428, 18027 and previous response = 11719.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/3/2022 7:53:25 AM	Drop baseline for compound 1,2-Dibromoethane in sample G1230_011.0011.D to y = 18027, new integration is from x, y = 2.313, 18027 to 2.428, 18027 and new response = 11302; previous integration is from x, y = 2.313, 18059 to 2.428, 18027 and previous response = 11192.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:53:28 AM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G1230_011.0011.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:53:31 AM	Set SampleApproved = True for sample G1230_011.0011.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:53:40 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_012.0012.D, from x, y = 2.882, 17734 to 3.009, 17729, result = 34083; previous integration is from x, y = 2.867, 16938 to 3.058, 15943 and previous response = 48110.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:53:41 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_012.0012.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:53:43 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_012.0012.D; previous value = GT			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:54:54 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_012.0012.D, from x, y = 2.229, 18016 to 2.439, 17980, result = 22646; previous integration is from x, y = 2.313, 18061 to 2.434, 18104 and previous response = 21427.			✓	
CmdManuallyIntegrateSplit	BL2000\ctran	1/3/2022 7:54:55 AM	Split peak for compound 1,2-Dibromoethane in sample G1230_012.0012.D and keep right peak, new integration is from x, y = 2.303, 18002.9197379475 to 2.439, 17979.6505501435 and new response = 22137, previous integration is from x, y = 2.229, 18016 to 2.439, 17980 and previous response = 22646.			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/3/2022 7:54:57 AM	Drop baseline for compound 1,2-Dibromoethane in sample G1230_012.0012.D to y = 17980, new integration is from x, y = 2.303, 17980 to 2.439, 17980 and new response = 22232; previous integration is from x, y = 2.303, 18003 to 2.439, 17980 and previous response = 22137.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:55:00 AM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G1230_012.0012.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:55:03 AM	Set SampleApproved = True for sample G1230_012.0012.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:55:11 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_013.0013.D, from x, y = 2.875, 17885 to 3.016, 17755, result = 76927; previous integration is from x, y = 2.863, 17163 to 3.053, 16009 and previous response = 90349.			✓	
CmdClearManualIntegration	BL2000\ctran	1/3/2022 7:55:12 AM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G1230_013.0013.D			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/3/2022 7:55:13 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G1230_013.0013.D to y = 16009, new integration is from x, y = 2.863, 16009 to 3.053, 16009 and new response = 96927; previous integration is from x, y = 2.863, 17163 to 3.053, 16009 and previous response = 90349.			✓	
CmdClearManualIntegration	BL2000\ctran	1/3/2022 7:55:15 AM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G1230_013.0013.D			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/3/2022 7:55:16 AM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G1230_013.0013.D, from x = 2.863 to x = 3.053, new integration is from x, y = 2.863, 17182 to 3.053, 17500 and new response = 81743; previous integration is from x, y = 2.863, 17163 to 3.053, 16009 and previous response = 90349.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:55:20 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_013.0013.D, from x, y = 2.875, 17885 to 3.053, 17500, result = 77923; previous integration is from x, y = 2.863, 17182 to 3.053, 17500 and previous response = 81743.			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:55:24 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_013.0013.D, from x, y = 2.875, 17885 to 3.020, 17740, result = 76976; previous integration is from x, y = 2.875, 17885 to 3.053, 17500 and previous response = 77923.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:55:25 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_013.0013.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:55:36 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_013.0013.D, from x, y = 2.223, 17929 to 2.453, 17892, result = 43517; previous integration is from x, y = 2.313, 17995 to 2.447, 18052 and previous response = 41790.			✓	
CmdManuallyIntegrateSplit	BL2000\ctran	1/3/2022 7:55:37 AM	Split peak for compound 1,2-Dibromoethane in sample G1230_013.0013.D and keep right peak, new integration is from x, y = 2.307, 17915.3644397126 to 2.453, 17891.5079193623 and new response = 42818, previous integration is from x, y = 2.223, 17929 to 2.453, 17892 and previous response = 43517.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/3/2022 7:55:39 AM	Drop baseline for compound 1,2-Dibromoethane in sample G1230_013.0013.D to y = 17892, new integration is from x, y = 2.307, 17892 to 2.453, 17892 and new response = 42923; previous integration is from x, y = 2.307, 17915 to 2.453, 17892 and previous response = 42818.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:55:41 AM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G1230_013.0013.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:55:46 AM	Set SampleApproved = True for sample G1230_013.0013.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:55:55 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_014.0014.D, from x, y = 2.867, 18104 to 3.018, 18073, result = 175933; previous integration is from x, y = 2.862, 17502 to 3.053, 16187 and previous response = 189809.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:55:59 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_014.0014.D; previous value =			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:56:09 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_014.0014.D, from x, y = 2.229, 18113 to 2.468, 18063, result = 83148; previous integration is from x, y = 2.310, 18241 to 2.513, 17595 and previous response = 83357.			✓	
CmdManuallyIntegrateSplit	BL2000\ctran	1/3/2022 7:56:10 AM	Split peak for compound 1,2-Dibromoethane in sample G1230_014.0014.D and keep right peak, new integration is from x, y = 2.303, 18097.2595427876 to 2.468, 18062.5 and new response = 82140, previous integration is from x, y = 2.229, 18113 to 2.468, 18063 and previous response = 83148.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\ctran	1/3/2022 7:56:11 AM	Drop baseline for compound 1,2-Dibromoethane in sample G1230_014.0014.D to y = 18063, new integration is from x, y = 2.303, 18063 to 2.468, 18063 and new response = 82312; previous integration is from x, y = 2.303, 18097 to 2.468, 18063 and previous response = 82140.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:56:14 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G1230_014.0014.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:56:20 AM	Set SampleApproved = True for sample G1230_014.0014.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:56:31 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_015.0015.D, from x, y = 2.854, 17797 to 3.047, 17708, result = 487795; previous integration is from x, y = 2.860, 17497 to 3.061, 17116 and previous response = 492922.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:56:33 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_015.0015.D; previous value =			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/3/2022 7:57:25 AM	Snap baseline for compound 1,2-Dibromoethane in sample G1230_015.0015.D, from x = 2.312 to x = 2.518, new integration is from x, y = 2.312, 18089 to 2.518, 17411 and new response = 190945; previous integration is from x, y = 2.312, 17924 to 2.518, 17408 and previous response = 191984.			✓	
CmdClearManualIntegration	BL2000\ctran	1/3/2022 7:57:27 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G1230_015.0015.D			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:57:31 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_015.0015.D, from x, y = 2.221, 17849 to 2.491, 17760, result = 191721; previous integration is from x, y = 2.312, 17924 to 2.518, 17408 and previous response = 191984.			✓	
CmdManuallyIntegrateSplit	BL2000\ctran	1/3/2022 7:57:32 AM	Split peak for compound 1,2-Dibromoethane in sample G1230_015.0015.D and keep right peak, new integration is from x, y = 2.301, 17822.724609375 to 2.491, 17760.41796875 and new response = 190934, previous integration is from x, y = 2.221, 17849 to 2.491, 17760 and previous response = 191721.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:57:33 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G1230_015.0015.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:57:34 AM	Set SampleApproved = True for sample G1230_015.0015.D; previous value = False			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\ctran	1/3/2022 7:57:50 AM	Replace level 5 with CC sample G1230_035.0035.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level LCS1 with QC sample G1230_021.0021.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level LCS with QC sample G1230_020.0020.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 3 with CC sample G1230_018.0018.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level LCS with QC sample G1230_017.0017.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 6 with Calibration sample G1230_015.0015.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 5 with Calibration sample G1230_014.0014.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 4 with Calibration sample G1230_013.0013.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 3 with Calibration sample G1230_012.0012.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 2 with Calibration sample G1230_011.0011.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 7 with Calibration sample G1230_010.0010.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 1 with Calibration sample G1230_009.0009.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane};			✓	
CmdQuantitate	BL2000\ctran	1/3/2022 7:57:54 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:58:00 AM	Set CurveFitOrigin = originIgnore for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = originInclude			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:58:02 AM	Set CurveFitOrigin = originInclude for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = originIgnore			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:58:04 AM	Set CurveFit = fitLinear for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = fitQuadratic			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:58:07 AM	Set CurveFitOrigin = originIgnore for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = originInclude			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:58:09 AM	Set CurveFit = fitQuadratic for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = fitLinear			✓	
CmdQuantitate	BL2000\ctran	1/3/2022 7:58:14 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:58:36 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_017.0017.D, from x, y = 2.223, 17760 to 2.456, 17667, result = 50965; previous integration is from x, y = 2.310, 17836 to 2.510, 17202 and previous response = 51410.			✓	
CmdManuallyIntegrateSplit	BL2000\ctran	1/3/2022 7:58:37 AM	Split peak for compound 1,2-Dibromoethane in sample G1230_017.0017.D and keep right peak, new integration is from x, y = 2.304, 17727.60546875 to 2.456, 17666.66796875 and new response = 50182, previous integration is from x, y = 2.223, 17760 to 2.456, 17667 and previous response = 50965.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:58:39 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G1230_017.0017.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:58:45 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_017.0017.D, from x, y = 2.885, 17693 to 3.009, 17479, result = 27737; previous integration is from x, y = 2.869, 16698 to 3.058, 15721 and previous response = 42305.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:58:46 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_017.0017.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:58:52 AM	Set SampleApproved = True for sample G1230_017.0017.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 7:58:55 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G1230_016.0016.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 7:58:57 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_016.0016.D			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:58:58 AM	Set SampleApproved = True for sample G1230_016.0016.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:59:06 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_018.0018.D, from x, y = 2.223, 17708 to 2.438, 17668, result = 22452; previous integration is from x, y = 2.316, 17757 to 2.437, 17806 and previous response = 21189.			✓	
CmdManuallyIntegrateSplit	BL2000\ctran	1/3/2022 7:59:07 AM	Split peak for compound 1,2-Dibromoethane in sample G1230_018.0018.D and keep right peak, new integration is from x, y = 2.308, 17692.666398953 to 2.438, 17668.3118354753 and new response = 21973, previous integration is from x, y = 2.223, 17708 to 2.438, 17668 and previous response = 22452.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/3/2022 7:59:08 AM	Drop baseline for compound 1,2-Dibromoethane in sample G1230_018.0018.D to y = 17668, new integration is from x, y = 2.308, 17668 to 2.438, 17668 and new response = 22069; previous integration is from x, y = 2.308, 17693 to 2.438, 17668 and previous response = 21973.			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:59:17 AM	Set SampleApproved = True for sample G1230_018.0018.D; previous value = False			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/3/2022 7:59:24 AM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G1230_035.0035.D, from x = 2.853 to x = 3.041, new integration is from x, y = 2.853, 17563 to 3.041, 17583 and new response = 188259; previous integration is from x, y = 2.853, 17231 to 3.041, 15861 and previous response = 199815.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:59:29 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_035.0035.D, from x, y = 2.853, 17563 to 3.013, 17896, result = 186451; previous integration is from x, y = 2.853, 17563 to 3.041, 17583 and previous response = 188259.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:59:31 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_035.0035.D, from x, y = 2.858, 18005 to 3.013, 17896, result = 184373; previous integration is from x, y = 2.853, 17563 to 3.013, 17896 and previous response = 186451.			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:59:33 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_035.0035.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 7:59:44 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_035.0035.D, from x, y = 2.218, 18052 to 2.458, 17901, result = 85130; previous integration is from x, y = 2.303, 18103 to 2.504, 17398 and previous response = 85937.			✓	
CmdManuallyIntegrateSplit	BL2000\ctran	1/3/2022 7:59:45 AM	Split peak for compound 1,2-Dibromoethane in sample G1230_035.0035.D and keep right peak, new integration is from x, y = 2.294, 18003.8347710503 to 2.458, 17901.04296875 and new response = 84449, previous integration is from x, y = 2.218, 18052 to 2.458, 17901 and previous response = 85130.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 7:59:46 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G1230_035.0035.D; previous value =			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/3/2022 7:59:48 AM	Drop baseline for compound 1,2-Dibromoethane in sample G1230_035.0035.D to y = 17901, new integration is from x, y = 2.294, 17901 to 2.458, 17901 and new response = 84952; previous integration is from x, y = 2.294, 18004 to 2.458, 17901 and previous response = 84449.			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 7:59:54 AM	Set SampleApproved = True for sample G1230_035.0035.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:00:04 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_019.0019.D, from x, y = 2.883, 17464 to 2.994, 17453, result = 28255; previous integration is from x, y = 2.868, 16604 to 3.063, 15617 and previous response = 42987.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:00:05 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_019.0019.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:00:08 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_019.0019.D			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:01:20 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_023.0023.D, from x, y = 2.882, 17406 to 3.000, 17271, result = 27442; previous integration is from x, y = 2.866, 16469 to 3.056, 15507 and previous response = 41837.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:01:21 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_023.0023.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:01:25 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_024.0024.D, from x, y = 2.880, 17250 to 3.005, 17286, result = 27972; previous integration is from x, y = 2.866, 16500 to 3.060, 15518 and previous response = 41993.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:01:27 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_024.0024.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:01:30 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_025.0025.D, from x, y = 2.878, 17359 to 3.004, 17313, result = 28030; previous integration is from x, y = 2.863, 16536 to 3.058, 15535 and previous response = 42323.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:01:31 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_025.0025.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:01:36 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_026.0026.D, from x, y = 2.883, 17593 to 3.012, 17704, result = 28980; previous integration is from x, y = 2.864, 16542 to 3.012, 17704 and previous response = 33012.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:03:21 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_026.0026.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:03:33 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_028.0028.D, from x, y = 2.875, 17417 to 2.997, 17396, result = 27777; previous integration is from x, y = 2.860, 16617 to 3.054, 15609 and previous response = 42009.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:03:34 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_028.0028.D; previous value =			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:03:43 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_029.0029.D, from x, y = 2.877, 17542 to 2.997, 17615, result = 28225; previous integration is from x, y = 2.860, 16786 to 3.049, 15762 and previous response = 42517.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:03:45 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_029.0029.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:03:51 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_029.0029.D, from x, y = 2.874, 17568 to 2.997, 17615, result = 28154; previous integration is from x, y = 2.877, 17542 to 2.997, 17615 and previous response = 28225.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:04:03 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_031.0031.D, from x, y = 2.874, 17645 to 2.997, 17641, result = 29326; previous integration is from x, y = 2.861, 16968 to 2.997, 17641 and previous response = 31819.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:04:05 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_031.0031.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:04:13 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_032.0032.D, from x, y = 2.873, 17865 to 2.990, 17849, result = 29950; previous integration is from x, y = 2.859, 17068 to 3.046, 16074 and previous response = 43059.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:04:14 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_032.0032.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:04:18 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_033.0033.D, from x, y = 2.870, 17932 to 2.997, 18012, result = 36809; previous integration is from x, y = 2.858, 17166 to 2.997, 18012 and previous response = 39622.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:04:20 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_033.0033.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:04:23 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G1230_034.0034.D			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:04:24 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_034.0034.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:04:31 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_033.0033.D, from x, y = 2.303, 18209 to 2.453, 17958, result = 56065; previous integration is from x, y = 2.303, 18209 to 2.501, 17591 and previous response = 57417.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:04:33 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G1230_033.0033.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:04:42 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_032.0032.D, from x, y = 2.223, 18122 to 2.226, 18250, result = 9; previous integration is from x, y = 2.305, 18226 to 2.437, 18191 and previous response = 47636.			✓	
CmdClearManualIntegration	BL2000\ctran	1/3/2022 8:04:43 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G1230_032.0032.D			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/3/2022 8:04:45 AM	Drop baseline for compound 1,2-Dibromoethane in sample G1230_032.0032.D to y = 18191, new integration is from x, y = 2.305, 18191 to 2.437, 18191 and new response = 47771; previous integration is from x, y = 2.305, 18226 to 2.437, 18191 and previous response = 47636.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:04:51 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_032.0032.D, from x, y = 2.297, 18147 to 2.437, 18191, result = 47975; previous integration is from x, y = 2.305, 18191 to 2.437, 18191 and previous response = 47771.			✓	
CmdClearManualIntegration	BL2000\ctran	1/3/2022 8:04:53 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G1230_032.0032.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:05:01 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_032.0032.D, from x, y = 2.229, 18250 to 2.440, 18094, result = 48664; previous integration is from x, y = 2.305, 18226 to 2.437, 18191 and previous response = 47636.			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/3/2022 8:05:02 AM	Drop baseline for compound 1,2-Dibromoethane in sample G1230_032.0032.D to y = 18094, new integration is from x, y = 2.229, 18094 to 2.440, 18094 and new response = 49652; previous integration is from x, y = 2.229, 18250 to 2.440, 18094 and previous response = 48664.			✓	
CmdManuallyIntegrateSplit	BL2000\ctran	1/3/2022 8:05:04 AM	Split peak for compound 1,2-Dibromoethane in sample G1230_032.0032.D and keep right peak, new integration is from x, y = 2.299, 18093.75 to 2.440, 18093.75 and new response = 48602, previous integration is from x, y = 2.229, 18094 to 2.440, 18094 and previous response = 49652.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:05:10 AM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G1230_032.0032.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 8:05:14 AM	Set SampleApproved = True for sample G1230_032.0032.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 8:05:15 AM	Set SampleApproved = True for sample G1230_033.0033.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:05:17 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_034.0034.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:05:19 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G1230_034.0034.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 8:05:20 AM	Set SampleApproved = True for sample G1230_034.0034.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:05:25 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_031.0031.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:05:27 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_030.0030.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 8:05:42 AM	Set SampleApproved = True for sample G1230_019.0019.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:05:48 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_020.0020.D, from x, y = 2.883, 17339 to 3.006, 17396, result = 27686; previous integration is from x, y = 2.876, 16781 to 3.057, 15714 and previous response = 39565.			✓	

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Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:05:49 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_020.0020.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:06:00 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_020.0020.D, from x, y = 2.233, 17672 to 2.453, 17599, result = 48770; previous integration is from x, y = 2.310, 17724 to 2.473, 17404 and previous response = 48627.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:06:01 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G1230_020.0020.D; previous value =			✓	
CmdManuallyIntegrateSplit	BL2000\ctran	1/3/2022 8:06:07 AM	Split peak for compound 1,2-Dibromoethane in sample G1230_020.0020.D and keep right peak, new integration is from x, y = 2.304, 17648.3089873455 to 2.453, 17598.958984375 and new response = 48263, previous integration is from x, y = 2.233, 17672 to 2.453, 17599 and previous response = 48770.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:06:09 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G1230_020.0020.D; previous value = GT			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 8:06:10 AM	Set SampleApproved = True for sample G1230_020.0020.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:06:17 AM	Manually integrate compound 1,2-Dibromoethane in sample G1230_021.0021.D, from x, y = 2.223, 17693 to 2.438, 17599, result = 21665; previous integration is from x, y = 2.308, 17743 to 2.450, 17377 and previous response = 21569.			✓	
CmdManuallyIntegrateSplit	BL2000\ctran	1/3/2022 8:06:18 AM	Split peak for compound 1,2-Dibromoethane in sample G1230_021.0021.D and keep right peak, new integration is from x, y = 2.305, 17656.8740422901 to 2.438, 17598.958984375 and new response = 21125, previous integration is from x, y = 2.223, 17693 to 2.438, 17599 and previous response = 21665.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:06:19 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G1230_021.0021.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 8:06:21 AM	Set SampleApproved = True for sample G1230_021.0021.D; previous value = False			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/3/2022 8:06:27 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_021.0021.D, from x, y = 2.883, 17594 to 3.004, 17411, result = 27955; previous integration is from x, y = 2.867, 16651 to 3.062, 15650 and previous response = 42607.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/3/2022 8:06:28 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_021.0021.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:06:36 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G1230_022.0022.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:06:38 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_022.0022.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/3/2022 8:06:41 AM	Set SampleApproved = True for sample G1230_022.0022.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:06:45 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_023.0023.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:06:48 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_024.0024.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:06:50 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_023.0023.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:06:52 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_024.0024.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:06:53 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_025.0025.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:06:55 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_026.0026.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:06:57 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_027.0027.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:06:59 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_028.0028.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:07:01 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_029.0029.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:07:04 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_030.0030.D			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	1/3/2022 8:07:07 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1230_031.0031.D			✓	
CmdQuantitate	BL2000\ctran	1/3/2022 8:07:12 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	1/3/2022 8:07:13 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G123021\aiaexport\QuantResults\G123021_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\srcox	1/3/2022 11:18:46 AM	Open batch D:\Org\Data\GECD.I\G123021\aiaexport\G123021_8011_W_CLT.batch.bin			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 11:55:45 AM	Set SampleType = DoubleBlank for sample G1230_008.0008.D; previous value = Sample			✓	
CmdUpdateRetentionTimes	BL2000\srcox	1/3/2022 11:56:00 AM	Update retention time for compound 1,2,3-Trichloropropane; 1,2-Dibromo-3-chloropropane; 1,1,1,2-Tetrachloroethane; 1,2-Dibromoethane;			✓	
CmdQuantitate	BL2000\srcox	1/3/2022 11:56:03 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\srcox	1/3/2022 12:01:03 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_011.0011.D, from x, y = 2.891, 17641 to 2.996, 17714, result = 13923; previous integration is from x, y = 2.892, 17845 to 2.984, 17730 and previous response = 13282.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	1/3/2022 12:01:04 PM	Set UserAnnotation = LT for compound 1,1,1,2-Tetrachloroethane in sample G1230_011.0011.D; previous value =			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\srcox	1/3/2022 12:01:23 PM	Replace level 5 with CC sample G1230_035.0035.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level LCS1 with QC sample G1230_021.0021.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level LCS with QC sample G1230_020.0020.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 3 with CC sample G1230_018.0018.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level LCS with QC sample G1230_017.0017.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 6 with Calibration sample G1230_015.0015.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 5 with Calibration sample G1230_014.0014.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 4 with Calibration sample G1230_013.0013.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 3 with Calibration sample G1230_012.0012.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 2 with Calibration sample G1230_011.0011.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 7 with Calibration sample G1230_010.0010.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 1 with Calibration sample G1230_009.0009.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane};			✓	
CmdQuantitate	BL2000\srcox	1/3/2022 12:01:26 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	1/3/2022 12:01:59 PM	Set CurveFitOrigin = originForce for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = originIgnore			✓	
CmdQuantitate	BL2000\srcox	1/3/2022 12:02:03 PM	Quantitate all compounds in all samples			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\srcox	1/3/2022 12:02:06 PM	Set CurveFitOrigin = originIgnore for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = originForce			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	1/3/2022 12:02:08 PM	Set CurveFitWeight = weightEqual for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = weightOneOverX			✓	
CmdQuantitate	BL2000\srcox	1/3/2022 12:02:11 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	1/3/2022 12:02:18 PM	Set CurveFitWeight = weightOneOverX for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\srcox	1/3/2022 12:02:21 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\srcox	1/3/2022 12:02:36 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_017.0017.D, from x, y = 2.884, 17475 to 3.009, 17479, result = 28556; previous integration is from x, y = 2.885, 17693 to 3.009, 17479 and previous response = 27737.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	1/3/2022 12:02:38 PM	Set UserAnnotation = LT for compound 1,1,1,2-Tetrachloroethane in sample G1230_017.0017.D; previous value = GT			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	1/3/2022 12:02:41 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1230_017.0017.D; previous value = LT			✓	
CmdStartMethodEditing	BL2000\srcox	1/3/2022 12:06:10 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\srcox	1/3/2022 12:06:10 PM	Import method from sample G1230_017.0017.D			✓	
CmdSaveMethodAs	BL2000\srcox	1/3/2022 12:06:45 PM	Save method to file \\MASSHUNTER\Org\Data\GECD.I\GECD_methods\G123021_8011_W_SRC.m			✓	
CmdApplyMethodToAllSamples	BL2000\srcox	1/3/2022 12:06:49 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\srcox	1/3/2022 12:06:49 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\srcox	1/3/2022 12:06:50 PM	End method editing			✓	
CmdQuantitate	BL2000\srcox	1/3/2022 12:06:52 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:06:56 PM	Set SampleType = CC for sample G1230_009.0009.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:06:58 PM	Set SampleType = CC for sample G1230_010.0010.D; previous value = Calibration			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:00 PM	Set SampleType = CC for sample G1230_011.0011.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:02 PM	Set SampleType = CC for sample G1230_012.0012.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:05 PM	Set SampleType = CC for sample G1230_013.0013.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:08 PM	Set SampleType = CC for sample G1230_014.0014.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:10 PM	Set SampleType = CC for sample G1230_015.0015.D; previous value = Calibration			✓	
CmdQuantitate	BL2000\srcox	1/3/2022 12:07:14 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\srcox	1/3/2022 12:07:15 PM	Save batch D:\Org\Data\GECD.I\G123021\aiaexport\QuantResults\G123021_8011_W_CLT.batch.bin			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:19 PM	Set SampleApproved = False for sample G1230_009.0009.D; previous value = True			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:20 PM	Set SampleApproved = False for sample G1230_010.0010.D; previous value = True			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:21 PM	Set SampleApproved = False for sample G1230_011.0011.D; previous value = True			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:21 PM	Set SampleApproved = False for sample G1230_012.0012.D; previous value = True			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:23 PM	Set SampleApproved = False for sample G1230_014.0014.D; previous value = True			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:23 PM	Set SampleApproved = False for sample G1230_015.0015.D; previous value = True			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:24 PM	Set SampleApproved = False for sample G1230_016.0016.D; previous value = True			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:24 PM	Set SampleApproved = False for sample G1230_017.0017.D; previous value = True			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:26 PM	Set SampleApproved = False for sample G1230_013.0013.D; previous value = True			✓	
CmdQuantitate	BL2000\srcox	1/3/2022 12:07:29 PM	Quantitate all compounds in all samples			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:36 PM	Set SampleApproved = True for sample G1230_009.0009.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:37 PM	Set SampleApproved = True for sample G1230_010.0010.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:39 PM	Set SampleApproved = True for sample G1230_012.0012.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:40 PM	Set SampleApproved = True for sample G1230_013.0013.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:41 PM	Set SampleApproved = True for sample G1230_014.0014.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:42 PM	Set SampleApproved = True for sample G1230_011.0011.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:44 PM	Set SampleApproved = True for sample G1230_015.0015.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:07:48 PM	Set SampleApproved = True for sample G1230_016.0016.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\srcox	1/3/2022 12:08:41 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_020.0020.D, from x, y = 2.883, 17353 to 3.020, 17380, result = 27708; previous integration is from x, y = 2.883, 17339 to 3.006, 17396 and previous response = 27686.			✓	
CmdManuallyIntegratePeak	BL2000\srcox	1/3/2022 12:08:47 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_020.0020.D, from x, y = 2.881, 17373 to 3.013, 17391, result = 27570; previous integration is from x, y = 2.883, 17353 to 3.020, 17380 and previous response = 27708.			✓	
CmdManuallyIntegratePeak	BL2000\srcox	1/3/2022 12:08:52 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_020.0020.D, from x, y = 2.881, 17373 to 3.013, 17391, result = 27570; previous integration is from x, y = 2.881, 17373 to 3.013, 17391 and previous response = 27570.			✓	
CmdManuallyIntegratePeak	BL2000\srcox	1/3/2022 12:08:56 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_020.0020.D, from x, y = 2.883, 17347 to 3.013, 17391, result = 27682; previous integration is from x, y = 2.881, 17373 to 3.013, 17391 and previous response = 27570.			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\srcox	1/3/2022 12:09:01 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_020.0020.D, from x, y = 2.883, 17351 to 3.013, 17391, result = 27669; previous integration is from x, y = 2.883, 17347 to 3.013, 17391 and previous response = 27682.			✓	
CmdManuallyIntegratePeak	BL2000\srcox	1/3/2022 12:09:16 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1230_020.0020.D, from x, y = 2.883, 17350 to 3.013, 17391, result = 27674; previous integration is from x, y = 2.883, 17351 to 3.013, 17391 and previous response = 27669.			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:10:37 PM	Set SampleApproved = True for sample G1230_017.0017.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:13:09 PM	Set SampleApproved = True for sample G1230_031.0031.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:14:56 PM	Set SampleApproved = True for sample G1230_030.0030.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:14:56 PM	Set SampleApproved = True for sample G1230_029.0029.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:14:57 PM	Set SampleApproved = True for sample G1230_028.0028.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:14:58 PM	Set SampleApproved = True for sample G1230_027.0027.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:15:00 PM	Set SampleApproved = True for sample G1230_026.0026.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:15:02 PM	Set SampleApproved = True for sample G1230_025.0025.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:15:02 PM	Set SampleApproved = True for sample G1230_024.0024.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	1/3/2022 12:15:03 PM	Set SampleApproved = True for sample G1230_023.0023.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\srcox	1/3/2022 12:19:17 PM	Save batch D:\Org\Data\GECD.I\G123021\aiaexport\QuantResults\G123021_8011_W_CLT.batch.bin			✓	
CmdSaveBatchTable	BL2000\srcox	1/3/2022 2:41:36 PM	Save batch D:\Org\Data\GECD.I\G123021\aiaexport\QuantResults\G123021_8011_W_CLT.batch.bin			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdOpenBatchTable	BL2000\srcox	1/5/2022 10:51:28 AM	Open batch D:\Org\Data\GECD.I\G123021\aiaexport\G123021_8011_W_CLT.batch.bin			✓	
CmdQuantitate	BL2000\srcox	1/5/2022 10:51:41 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\srcox	1/5/2022 10:51:42 AM	Save batch D:\Org\Data\GECD.I\G123021\aiaexport\QuantResults\G123021_8011_W_CLT.batch.bin			✓	
GenerateReport	BL2000\srcox	1/5/2022 10:53:02 AM	Generates report - Method: \\MASSHUNTER\Org\reports\Gen_ResultsSummary.m, Output Path: D:\Org\Data\GECD.I\G123021\aiaexport\QuantReports\G123021_8011_W_CLT			✓	
GenerateReport	BL2000\srcox	1/5/2022 10:56:03 AM	Generates report - Method: \\MASSHUNTER\Org\reports\init_cal_rpt.m, Output Path: D:\Org\Data\GECD.I\G123021\aiaexport\QuantReports\G123021_8011_W_CLT-1			✓	
GenerateReport	BL2000\srcox	1/5/2022 10:59:40 AM	Generates report - Method: \\MASSHUNTER\Org\reports\Env_Report.m, Output Path: D:\Org\Data\GECD.I\G123021\aiaexport\QuantReports\G123021_8011_W_CLT-2			✓	
GenerateReport	BL2000\srcox	1/5/2022 11:00:52 AM	Generates report - Method: \\MASSHUNTER\Org\reports\Gen_Calibration.m, Output Path: D:\Org\Data\GECD.I\G123021\aiaexport\QuantReports\G123021_8011_W_CLT-3			✓	
GenerateReport	BL2000\srcox	1/5/2022 11:05:02 AM	Generates report - Method: \\MASSHUNTER\Org\reports\Env_QuantResults_wGraphics+Chromatogram.m, Output Path: D:\Org\Data\GECD.I\G123021\aiaexport\QuantReports\G123021_8011_W_CLT-4			✓	
CmdSaveBatchTable	BL2000\srcox	1/5/2022 11:07:49 AM	Save batch D:\Org\Data\GECD.I\G123021\aiaexport\QuantResults\G123021_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\srcox	1/5/2022 11:09:37 AM	Open batch D:\Org\Data\GECD.I\G123021\aiaexport\G123021_8011_W_CLT.batch.bin			✓	
GenerateReport	BL2000\srcox	1/5/2022 11:10:48 AM	Generates report - Method: \\MASSHUNTER\Org\reports\Env_QuantResults_wGraphics+Chromatogram.m, Output Path: D:\Org\Data\GECD.I\G123021\aiaexport\QuantReports\G123021_8011_W_CLT-5			✓	

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

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

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
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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**

Energy Laboratories Inc

Standard LOG

Standard ID:	PH092621504C3		
Standard Name:	504.1 Cal Stock 3(0.7ug/mL) MeOH	Type:	Secondary
Date Prepared:	9/26/2021	BY:	Selina R. Cox
Date Expires:	2/12/2023		
Department:	PST/HRBPR	Status:	New
Vendor:			
Lot Number:			
Balance ID:			

Comments: Final concentration = 0.7ug/mL Vol Flask# - EX-0119. 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

Energy Laboratories Inc

Standard LOG

Standard ID: PH092621504C2
Standard Name: 504.1 Cal Stock 2(0.07ug/mL) MeOH
Date Prepared: 9/26/2021
Date Expires: 2/12/2023
Department: PST/HRBPR
Vendor:
Lot Number:
Balance ID:

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

Comments: Final concentration = 0.07ug/mL Vol Flask# - EX-0119

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
PH092621504C3	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: PH092621504C1
Standard Name: 504.1 Cal Stock 1(0.007ug/mL) MeOH
Date Prepared: 9/26/2021
Date Expires: 2/12/2023
Department: PST/HRBPR
Vendor:
Lot Number:
Balance ID:

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

Comments: Final concentration = 0.007ug/mL Vol Flask# - EX-0119

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
PH092621504C2	504.1 Cal Stock 2(0.07ug/mL) MeOH	ug/mL	1 mL

Analytes	CAS	Conc: ug/mL

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 REFERENCE MATERIAL PRODUCER AR-1463

ANAB ACCREDITED TESTING LABORATORY AT-1339

ilac-MRA

Component	CAS #	Purity % (GC/FID)	Prepared Concentration² (µg/mL)	Certified Analyte Concentration¹ (µg/mL)
1,2-Dibromoethane	106-93-4	99.9	0.2503	0.2500
1,2-Dibromo-3-chloropropane	96-12-8	100.0	0.2505	0.2505
1,2,3-Trichloropropane	96-18-4	99.0	0.2503	0.2478

ID #: 14066
Opened:
Laboratory Fortified Blank Sample Concentrat
Expires: 2/6/2023
Rec'd: 7/14/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

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

Matrix blank to be used for background correction.

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

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

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

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

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

For use in routine laboratory analysis.

Energy Laboratories Inc

Spike LOG

Standard ID:	PH071421LFB		
Standard Name:	LaboratoryFortifiedBlank0.25ug/mL(MeOH)	Type:	Primary
Date Prepared:	7/14/2021	BY:	Selina R. Cox
Date Expires:	2/6/2023		
Department:	PST/HRB	Status:	New
Vendor:	AccuStandard		
Lot Number:	220021015		
Balance ID:			
Comments:	Date prepared = Date received Concentration= 0.25ug/mL 4X1mL		

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

Final Volume: 4 mL

Stock Source **Base Units** **Amount Added**

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

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:
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Hazards:
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Expiration of Certification:
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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:

M Bourgeois
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
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CSD-QA-015.1

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

Energy Laboratories Inc

Standard LOG

Standard ID: PH122821504SU
Standard Name: 504.1 Surrogate (0.1ug/mL)MeOH
Date Prepared: 12/28/2021
Date Expires: 3/20/2023
Department: PST/HRBPR
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: Carry L Tran
Status: New

Comments: Final Concentration = (0.1ug/mL) Vol Flask: EX-0114

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

Final Volume: 10 mL

Stock Source **Base Units** **Amount Added**

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