PREP BATCH REPORT

Prep Batch **162287** | Prep Code: **PRP-8011-W** | Prep Temp: **NA °C** | Technician: **Carry L Tran** | Batch Units: **ML** | Prep Start Date: **12/17/2021 9:02:02 A** | Prep End Date: **12/17/2021 11:58:00 A**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
MB-162287		6	35	0	0	2.0	0.057		12/17/2021	12/17/2021
	Spiked and surrogated by CLT. Witnessed and assisted by CNA.									
LCS-162287		6	35	0	0	2.0	0.057		12/17/2021	12/17/2021
	5mL_19K50667 calibrated/passed on 12/17/2021 prior to the extraction.									
LCS1-162287		6	35	0	0	2.0	0.057	Bal #25	12/17/2021	12/17/2021
	All samples poured to 35mL using a gravimetrically determined standard made by CLT on 12/17/21.									
CAL1-162287		6	35	0	0	2.0	0.057	Bal #25	12/17/2021	12/17/2021
	Unlocked to add final masses and pHs- CLT 12/17/21									
CAL7-162287		6	35	0	0	2.0	0.057	Bal #25	12/17/2021	12/17/2021
	Unlocked to add additional comments-CLT 12/17/21									
CAL2-162287		6	35	0	0	2.0	0.057	Bal #25	12/17/2021	12/17/2021
	Batch unlocked to correct copy/paste error-SRC 01/05/2022.									
CAL3-162287		6	35	0	0	2.0	0.057	Bal #25	12/17/2021	12/17/2021
	Batch Unlocked 01/16/2022 by SRC to correct the sample Matrix from "Aqueous" to "Trip Blank".									
CAL4-162287		6	35	0	0	2.0	0.057	Bal #25	12/17/2021	12/17/2021
CAL5-162287		6	35	0	0	2.0	0.057	Bal #25	12/17/2021	12/17/2021
CAL6-162287		6	35	0	0	2.0	0.057	Bal #25	12/17/2021	12/17/2021
B21121402-001F	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/17/2021	12/17/2021
	Vial 1/3. Custody seal intact prior to extraction. Combined vial and sample weight of 61.94g with cap on. Empty vial weight with cap on 26.11g=35.83g. Entire sample consumed in extraction									
B21121402-001FMS	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/17/2021	12/17/2021
	Vial 2/3. Custody seal intact prior to extraction. Combined vial and sample weight of 62.04g with cap on. Empty vial weight with cap on 26.26g=35.78g. Entire sample consumed in extraction									
B21121402-001FMSD	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/17/2021	12/17/2021
	Vial 3/3. Custody seal intact prior to extraction. Combined vial and sample weight of 61.98g with cap on. Empty vial weight with cap on 26.05g=35.93g.Entire sample consumed in extraction									
B21121402-002F	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/17/2021	12/17/2021
	Vial 1/3. Custody seal intact prior to extraction. Combined vial and sample weight of 61.92g with cap on. Empty vial weight with cap on 26.13g=35.79g.									

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	
14555	4ML, Amber Vial, 0430387672	11/29/2022	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 9/4/2	Baked Sodium Chloride	ALL	7g	9/10/2025
PH111421504Su	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 Code: **PRP-8011-W** Technician: **Carry L Tran** Prep Start Date: **12/17/2021 9:02:02 A**

Prep Batch **162287** Prep Temp: **NA °C** Batch Units: **ML** Prep End Date: **12/17/2021 11:58:00 A**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
B21121402-003F	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/17/2021	12/17/2021
Vial 1/3. Custody seal intact prior to extraction. Combined vial and sample weight of 62.26g with cap on. Empty vial weight with cap on 26.31g=35.95g.										
B21121402-008A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	12/17/2021	12/17/2021
Vial 1/2. Custody seal intact prior to extraction. Combined vial and sample weight of 61.54g with cap on. Empty vial weight with cap on 25.43g=36.11g. Sample matrix changed from "Aqueous" to "Trip Blank"-SRC 01/16/2022.										
B21121402-013A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	12/17/2021	12/17/2021
Vial 1/2. Custody seal intact prior to extraction. Combined vial and sample weight of 61.66g with cap on. Empty vial weight with cap on 26.06g=35.60g. Sample matrix changed from "Aqueous" to "Trip Blank"-SRC 01/16/2022.										
B21010847-028A	Aqueous	6	35	0	0	2.0	0.057	Bal #25	12/17/2021	12/17/2021
Vial 1/2. Combined vial and sample weight of 64.15g with cap on. Empty vial weight with cap on 29.22g=34.93g.										

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	
14555	4ML, Amber Vial, 0430387672	11/29/2022	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 9/4/2	Baked Sodium Chloride	ALL	7g	9/10/2025
PH111421504Su	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 **162394** | Prep Code: **PRP-8011-W** | Prep Temp: **NA °C** | Technician: **Carry L Tran** | Batch Units: **ML** | Prep Start Date: **12/21/2021 10:30:46 A** | Prep End Date: **12/21/2021 4:40:00 P**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
MB-162394		6	35	0	0	2.0	0.057		12/21/2021	12/21/2021
	CLT spiked and surrogated. SRC witnessed and assisted. CNA assisted.									
LCS-162394		6	35	0	0	2.0	0.057		12/21/2021	12/21/2021
	All samples poured to 35mL using a gravimetrically determined standard made by CLT on 12/21/21.									
LCS1-162394		6	35	0	0	2.0	0.057	Bal #25	12/21/2021	12/21/2021
	5mL_19K50667 calibrated/passed on 12/21/2021 prior to the extraction.									
CK3-162394		6	35	0	0	2.0	0.057	Bal #25	12/21/2021	12/21/2021
	Unlocked to add comments- CLT 12/21/21. Unlocked to add reagents- CLT 12/21/21									
CK5-162394		6	35	0	0	2.0	0.057	Bal #25	12/21/2021	12/21/2021
	Unlocked to add final sample amounts-SRC 12/22/2021 Batch unlocked 01/16/2022 by SRC to correct the sample Matrix from "Aqueous" to "Trip Blank".									
B21010847-030A	Aqueous	1	36	0	0	2.0	0.056	Bal #25	12/21/2021	12/21/2021
	Vial 1/2. Combined vial and sample weight of 65.78g with cap on. Empty vial weight with cap on 29.75g=36.03g.									
B21121605-001G	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/21/2021	12/21/2021
	Vial 1/3. Combined vial and sample weight of 63.19g with cap on. Empty vial weight with cap on 27.65g=35.54g.									
B21121605-002G	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/21/2021	12/21/2021
	Vial 1/3. Combined vial and sample weight of 63.31g with cap on. Empty vial weight with cap on 27.54g=35.77g.									
B21121605-006A	Trip Blank	1	34	0	0	2.0	0.059	Bal #25	12/21/2021	12/21/2021
	Vial 1/3. Combined vial and sample weight of 61.25g with cap on. Empty vial weight with cap on 27.18g=34.07g. Matrix changed from "Aqueous" to "Trip Blank" -SRC 01/16/2022.									
B21121613-001G	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/21/2021	12/21/2021
	Vial 1/3. Combined vial and sample weight of 62.84g with cap on. Empty vial weight with cap on 27.19g=35.65g. Entire sample consumed in extraction.									
B21121613-001GMS	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/21/2021	12/21/2021
	Vial 2/3. Combined vial and sample weight of 63.47g with cap on. Empty vial weight with cap on 27.57g=35.90g. Entire sample consumed in extraction.									
B21121613-001GMSD	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/21/2021	12/21/2021
	Vial 3/3. Combined vial and sample weight of 63.04g with cap on. Empty vial weight with cap on 27.33g=35.71g. Entire sample consumed in extraction.									
B21121613-002E	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/21/2021	12/21/2021
	Vial 1/3. Combined vial and sample weight of 63.13g with cap on. Empty vial weight with cap on 27.18g=35.95g.									

Number	Reagent Name	Exp Date	A
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	
14555	4ML, Amber Vial, 0430387672	11/29/2022	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 9/4/2	Baked Sodium Chloride	ALL	7g	9/10/2025
PH111421504Su	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: **12/21/2021 10:30:46 A**

Prep Batch **162394** Prep Temp: **NA °C** Batch Units: **ML** Prep End Date: **12/21/2021 4:40:00 P**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
B21121613-005A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	12/21/2021	12/21/2021
Vial 1/3. Combined vial and sample weight of 61.23g with cap on. Empty vial weight with cap on 25.72g=35.51g. Matrix changed from "Aqueous" to "Trip Blank" -SRC 01/16/2022.										
B21121613-009A	Trip Blank	1	35	0	0	2.0	0.056	Bal #25	12/21/2021	12/21/2021
Vial 1/3. Combined vial and sample weight of 61.06g with cap on. Empty vial weight with cap on 25.57g=35.49g. Matrix changed from "Aqueous" to "Trip Blank" -SRC 01/16/2022.										
B21121622-001E	Ground Water	1	35	0	0	2.0	0.056	Bal #25	12/21/2021	12/21/2021
Vial 1/3. Combined vial and sample weight of 61.27g with cap on. Empty vial weight with cap on 25.85g=35.42g.										
B21121622-002E	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/21/2021	12/21/2021
Vial 1/3. Combined vial and sample weight of 61.47g with cap on. Empty vial weight with cap on 25.71g=35.76g.										
B21121622-003E	Ground Water	1	41	0	0	2.0	0.049	Bal #25	12/21/2021	12/21/2021
Vial 1/3. Combined vial and sample weight of 67.18g with cap on. Empty vial weight with cap on 26.45g=40.73g.										
B21121622-006A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	12/21/2021	12/21/2021
Vial 1/3. Combined vial and sample weight of 61.09g with cap on. Empty vial weight with cap on 25.21g=35.88g. Matrix changed from "Aqueous" to "Trip Blank" -SRC 01/16/2022.										
B21121622-010A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	12/21/2021	12/21/2021
Vial 1/3. Combined vial and sample weight of 60.95g with cap on. Empty vial weight with cap on 25.43g=35.52g. Matrix changed from "Aqueous" to "Trip Blank" -SRC 01/16/2022.										
B21121623-001G	Ground Water	1	36	0	0	2.0	0.056	Bal #25	12/21/2021	12/21/2021
Vial 1/3. Combined vial and sample weight of 63.27g with cap on. Empty vial weight with cap on 27.53g=35.74g.										
B21121623-004A	Trip Blank	1	36	0	0	2.0	0.056	Bal #25	12/21/2021	12/21/2021
Vial 1/3. Combined vial and sample weight of 61.56g with cap on. Empty vial weight with cap on 25.71g=35.85g. Matrix changed from "Aqueous" to "Trip Blank" -SRC 01/16/2022.										

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	
14555	4ML, Amber Vial, 0430387672	11/29/2022	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 9/4/2	Baked Sodium Chloride	ALL	7g	9/10/2025
PH111421504Su	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

16-Jan-22

Run ID GECD.I_211221A

Run Start Date: 12/21/2021
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
14945484	CAL1-162287	PST-8011-W	CAL1	G122121\aiaexpo	12/22/2021 5:50:	1	162287	12/17/2021	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	0.0109	0.01087275		0.01	0	0	0.0025835	0.01	0	109%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01294	0.01290765		0.01	0	0	0.0056259	0.02	0	129%	60	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945486	CAL7-162287	PST-8011-W	CAL7	G122121\aiaexpo	12/22/2021 6:10:	1	162287	12/17/2021	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	0.01872	0.0186732		0.02	0	0	0.0025835	0.01	0	93%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01761	0.017565975		0.02	0	0	0.0056259	0.02	0	88%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945487	CAL2-162287	PST-8011-W	CAL2	G122121\aiaexpo	12/22/2021 6:31:	1	162287	12/17/2021	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	0.04709	0.046972275		0.05	0	0	0.0025835	0.01	0	94%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.0424	0.042294		0.05	0	0	0.0056259	0.02	0	85%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945488	CAL3-162287	PST-8011-W	CAL3	G122121\aiaexpo	12/22/2021 6:51:	1	162287	12/17/2021	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	0.10494	0.10467765		0.1	0	0	0.0025835	0.01	0	105%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09641	0.096168975		0.1	0	0	0.0056259	0.02	0	96%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945489	CAL4-162287	PST-8011-W	CAL4	G122121\aiaexpo	12/22/2021 7:10:	1	162287	12/17/2021	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	0.19369	0.193205775		0.2	0	0	0.0025835	0.01	0	97%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.19166	0.19118085		0.2	0	0	0.0056259	0.02	0	96%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945491	CAL5-162287	PST-8011-W	CAL5	G122121\aiaexpo	12/22/2021 7:30:	1	162287	12/17/2021	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	0.40663	0.405613425		0.4	0	0	0.0025835	0.01	0	101%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.4245	0.42343875		0.4	0	0	0.0056259	0.02	0	106%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945493	CAL6-162287	PST-8011-W	CAL6	G122121\aiaexpo	12/22/2021 7:50:	1	162287	12/17/2021	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	0.99798	0.99548505		1	0	0	0.0025835	0.01	0	100%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.99378	0.99129555		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
14945494	LCS-162287	PST-8011-W	ICV	G122121\aiaexpo	12/22/2021 8:30:	1	162287	12/17/2021	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	0.23244	0.2318589		0.25	0	0	0.0025835	0.01	0	93%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09137	0.091141575		0.1	0	0	0.0056259	0.02	0	91%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945495	CK3-162394	PST-8011-W	CCV3	G122121\aiaexpo	12/22/2021 8:50:	1	162394	12/21/2021	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	0.09885	0.098602875		0.1	0	0	0.0025835	0.01	0	99%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08798	0.08776005		0.1	0	0	0.0056259	0.02	0	88%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945496	MB-162394	PST-8011-W	MBLK	G122121\aiaexpo	12/22/2021 9:10:	1	162394	12/21/2021	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	0.09358	0.09334605		0.1	0	0	0.0056259	0.02	0	93%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945499	LCS-162394	PST-8011-W	LCS-DOD	G122121\aiaexpo	12/22/2021 9:29:	1	162394	12/21/2021	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	0.2277	0.22713075		0.25	0	0	0.0025835	0.01	0	91%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09047	0.090243825		0.1	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
14945502	LCS1-162394	PST-8011-W	LCS1	G122121\aiaexpo	12/22/2021 9:49:	1	162394	12/21/2021	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	0.09395	0.093715125		0.1	0	0	0.0025835	0.01	0	94%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08915	0.088927125		0.1	0	0	0.0056259	0.02	0	89%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945505	B21010847-030	PST-8011-W	SAMP	G122121\aiaexpo	12/22/2021 10:2	1	162394	12/21/2021	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%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08853	0.0867594		0.097	0	0	0.0055272	0.02	0	89%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945507	B21121605-001	PST-8011-W	SAMP	G122121\aiaexpo	12/22/2021 10:4	1	162394	12/21/2021	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	0.08296	0.0813008		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
14945510	B21121605-002	PST-8011-W	SAMP	G122121\aiaexpo	12/22/2021 11:0	1	162394	12/21/2021	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	0.08522	0.0835156		0.098	0	0	0.0055272	0.02	0	85%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945512	B21121605-006	PST-8011-W	SAMP	G122121\aiaexpo	12/22/2021 11:2	1	162394	12/21/2021	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	0.0026742	0.010325	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09207	0.095062275		0.1	0	0	0.0058233	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
14945515	B21121613-002	PST-8011-W	SAMP	G122121\aiaexpo	12/22/2021 11:4	1	162394	12/21/2021	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	0.09349	0.0916202		0.097	0	0	0.0055272	0.02	0	94%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945518	B21121613-005	PST-8011-W	SAMP	G122121\aiaexpo	12/22/2021 12:0	1	162394	12/21/2021	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	0.09002	0.0882196		0.099	0	0	0.0055272	0.02	0	89%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945520	B21121613-009	PST-8011-W	SAMP	G122121\aiaexpo	12/22/2021 12:2	1	162394	12/21/2021	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	0.0915	0.08967		0.099	0	0	0.0055272	0.02	0	91%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945522	CK5-162394	PST-8011-W	CCV4	G122121\aiaexpo	12/22/2021 1:09:	1	162394	12/21/2021	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	0.39642	0.39542895		0.4	0	0	0.0025835	0.01	0	99%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.41234	0.41130915		0.4	0	0	0.0056259	0.02	0	103%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945523	B21121622-001	PST-8011-W	SAMP	G122121\aiaexpo	12/22/2021 1:49:	1	162394	12/21/2021	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	0.08952	0.0877296		0.099	0	0	0.0055272	0.02	0	89%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945525	B21121622-002	PST-8011-W	SAMP	G122121\aiaexpo	12/22/2021 2:09:	1	162394	12/21/2021	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	0.08932	0.0875336		0.098	0	0	0.0055272	0.02	0	89%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945526	B21121622-003	PST-8011-W	SAMP	G122121\aiaexpo	12/22/2021 2:29:	1	162394	12/21/2021	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	0.0022209	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09113	0.078143975		0.086	0	0	0.0048363	0.02	0	91%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945528	B21121622-006	PST-8011-W	SAMP	G122121\aiaexpo	12/22/2021 2:49:	1	162394	12/21/2021	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	0.09115	0.089327		0.098	0	0	0.0055272	0.02	0	91%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945529	B21121622-010	PST-8011-W	SAMP	G122121\aiaexpo	12/22/2021 3:10:	1	162394	12/21/2021	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	0.09293	0.0910714		0.099	0	0	0.0055272	0.02	0	92%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945531	B21121623-001	PST-8011-W	SAMP	G122121\aiaexpo	12/22/2021 3:30:	1	162394	12/21/2021	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	0.09338	0.0915124		0.098	0	0	0.0055272	0.02	0	93%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945532	B21121623-004	PST-8011-W	SAMP	G122121\aiaexpo	12/22/2021 3:50:	1	162394	12/21/2021	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	0.09278	0.0909244		0.098	0	0	0.0055272	0.02	0	93%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945533	B21121613-001	PST-8011-W	SAMP	G122121\aiaexpo	12/22/2021 4:10:	1	162394	12/21/2021	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	0.0915	0.08967		0.098	0	0	0.0055272	0.02	0	91%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945534	B21121613-001	PST-8011-W	MS-DOD	G122121\aiaexpo	12/22/2021 4:30:	1	162394	12/21/2021	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	0.23087	0.2262526		0.2425	0	0	0.0025382	0.01	0	93%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09132	0.0894936		0.097	0	0	0.0055272	0.02	0	92%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945535	B21121613-001	PST-8011-W	MSD-DOD	G122121\aiaexpo	12/22/2021 4:50:	1	162394	12/21/2021	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	0.22537	0.2208626		0.245	0	0.2262526	0.0025382	0.01	0	90%	60	140	2%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08889	0.0871122		0.098	0	0	0.0055272	0.02	0	89%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14945536	CK3-162394	PST-8011-W	CCV3	G122121\aiaexpo	12/22/2021 5:31:	1	162394	12/21/2021	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	0.09946	0.09921135		0.1	0	0	0.0025835	0.01	0	99%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09017	0.089944575		0.1	0	0	0.0056259	0.02	0	90%	80	120	0%	

Write Sequence

Insert Entries(Have the first cell for entries

Data File	Sample Name
G:\org\GECD.i\G122121.b\G1221_001	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G122121.b\G1221_002	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G122121.b\G1221_003	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G122121.b\G1221_004	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G122121.b\G1221_005	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G122121.b\G1221_006	Hexane ;
G:\org\GECD.i\G122121.b\G1221_007	CAL1-162112 ;
G:\org\GECD.i\G122121.b\G1221_008	CAL7-162112 ;
G:\org\GECD.i\G122121.b\G1221_009	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G122121.b\G1221_010	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G122121.b\G1221_011	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G122121.b\G1221_012	Hexane ;
G:\org\GECD.i\G122121.b\G1221_013	CAL1-162112 ;
G:\org\GECD.i\G122121.b\G1221_014	CAL7-162112 ;
G:\org\GECD.i\G122121.b\G1221_015	CAL2-162112 ;
G:\org\GECD.i\G122121.b\G1221_016	CAL3-162112 ;
G:\org\GECD.i\G122121.b\G1221_017	CAL4-162112 ;
G:\org\GECD.i\G122121.b\G1221_018	CAL5-162112 ;
G:\org\GECD.i\G122121.b\G1221_019	CAL6-162112 ;
G:\org\GECD.i\G122121.b\G1221_020	Hexane;;
G:\org\GECD.i\G122121.b\G1221_021	LCS-162112 ;
G:\org\GECD.i\G122121.b\G1221_022	CK2-162393 ;
G:\org\GECD.i\G122121.b\G1221_023	LCS-162393 ;
G:\org\GECD.i\G122121.b\G1221_024	LCS1-162393 ;
G:\org\GECD.i\G122121.b\G1221_025	MDLA162393 ;
G:\org\GECD.i\G122121.b\G1221_026	MDLB-162393 ;
G:\org\GECD.i\G122121.b\G1221_027	MBLKIA-162393 ;
G:\org\GECD.i\G122121.b\G1221_028	MBLKIB-162393 ;
G:\org\GECD.i\G122121.b\G1221_029	MBLKIC-162393 ;
G:\org\GECD.i\G122121.b\G1221_030	MB-162393 ;
G:\org\GECD.i\G122121.b\G1221_031	B21121608-002E ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_032	B21121608-003E ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_033	B21121608-006A ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_034	B21121637-001E ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_035	B21121637-002E ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_036	B21121637-003E ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_037	B21121637-006A ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_038	B21121642-001E ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_039	B21121642-002E ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_040	B21121642-003E ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_041	B21121642-006A ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_042	B21121647-001E ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_043	B21121647-002E ;$PST-8011-W-LL,

G:\org\GECD.i\G122121.b\G1221_044	B21121647-003E ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_045	B21121647-006A ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_046	B21121608-001E ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_047	B21121608-001EMS ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_048	B21121608-001EMSD ;$PST-8011-W-LL,
G:\org\GECD.i\G122121.b\G1221_049	Hexane;;
G:\org\GECD.i\G122121.b\G1221_050	CK4-162393 ;
G:\org\GECD.i\G122121.b\G1221_051	Hexane;;
G:\org\GECD.i\G122121.b\G1221_052	CAL1-162287 ;
G:\org\GECD.i\G122121.b\G1221_053	CAL7-162287 ;
G:\org\GECD.i\G122121.b\G1221_054	CAL2-162287 ;
G:\org\GECD.i\G122121.b\G1221_055	CAL3-162287 ;
G:\org\GECD.i\G122121.b\G1221_056	CAL4-162287 ;
G:\org\GECD.i\G122121.b\G1221_057	CAL5-162287 ;
G:\org\GECD.i\G122121.b\G1221_058	CAL6-162287 ;
G:\org\GECD.i\G122121.b\G1221_059	Hexane;;
G:\org\GECD.i\G122121.b\G1221_060	LCS-162287 ;
G:\org\GECD.i\G122121.b\G1221_061	CK3-162394 ;
G:\org\GECD.i\G122121.b\G1221_062	MB-162394 ;
G:\org\GECD.i\G122121.b\G1221_063	LCS-162394 ;
G:\org\GECD.i\G122121.b\G1221_064	LCS1-162394 ;
G:\org\GECD.i\G122121.b\G1221_065	Hexane;;
G:\org\GECD.i\G122121.b\G1221_066	B21010847-030A ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_067	B21121605-001G ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_068	B21121605-002G ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_069	B21121605-006A ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_070	B21121613-002E ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_071	B21121613-005A ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_072	B21121613-009A ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_073	Hexane;;
G:\org\GECD.i\G122121.b\G1221_074	CK5-162394 ;
G:\org\GECD.i\G122121.b\G1221_075	Hexane;;
G:\org\GECD.i\G122121.b\G1221_076	B21121622-001E ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_077	B21121622-002E ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_078	B21121622-003E ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_079	B21121622-006A ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_080	B21121622-010A ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_081	B21121623-001G ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_082	B21121623-004A ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_083	B21121613-001G ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_084	B21121613-001GMS ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_085	B21121613-001GMSD ;$PST-8011-W,
G:\org\GECD.i\G122121.b\G1221_086	Hexane;;
G:\org\GECD.i\G122121.b\G1221_087	CK3-162394 ;
G:\org\GECD.i\G122121.b\G1221_088	
G:\org\GECD.i\G122121.b\G1221_089	

Quantitative Analysis Results Summary Report

Agilent | Trusted Answers

Batch Path	D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin		
Analysis Time	12/23/2021 9:50 AM	**Analyst Name**	BL2000\srcox
Report Time	1/16/2022 12:22:23 PM	**Reporter Name**	BL2000\srcox
Last Calib Update	12/22/2021 2:42 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
G1221_052.0052.D	CAL1-162287	CC		0	1	testAcqFileNamePath
G1221_053.0053.D	CAL7-162287	CC		0	7	testAcqFileNamePath
G1221_054.0054.D	CAL2-162287	CC		0	2	testAcqFileNamePath
G1221_055.0055.D	CAL3-162287	CC		0	3	testAcqFileNamePath
G1221_056.0056.D	CAL4-162287	CC		0	4	testAcqFileNamePath
G1221_057.0057.D	CAL5-162287	CC		0	5	testAcqFileNamePath
G1221_058.0058.D	CAL6-162287	CC		0	6	testAcqFileNamePath
G1221_060.0060.D	LCS-162287	QC		0	LCS	testAcqFileNamePath
G1221_062.0062.D	MB-162394	MethodBlank		0		testAcqFileNamePath

Quantitation Results

Compound: 1,2-Dibromoethane

Data File	Sample Type	RT	Resp	Final Conc	Exp. Conc	Accuracy
G1221_052.0052.D	CC	2.502	1419	0.0109	0.0100	109.0
G1221_053.0053.D	CC	2.503	3039	0.0187	0.0200	93.6
G1221_054.0054.D	CC	2.505	8889	0.0471	0.0500	94.2
G1221_055.0055.D	CC	2.508	20684	0.1049	0.1000	104.9
G1221_056.0056.D	CC	2.508	38421	0.1937	0.2000	96.8
G1221_057.0057.D	CC	2.510	79229	0.4066	0.4000	101.7
G1221_058.0058.D	CC	2.509	179586	0.9980	1.0000	99.8
G1221_060.0060.D	QC	2.512	46031	0.2324	0.2500	93.0
G1221_062.0062.D	Blank	2.608	0	ND		

Compound: 1,1,1,2-Tetrachloroethane

Data File	Sample Type	RT	Resp	Final Conc	Exp. Conc	Accuracy
G1221_052.0052.D	CC	3.073	183	0.0129	0.0100	129.4
G1221_053.0053.D	CC	3.066	2004	0.0176	0.0200	88.0
G1221_054.0054.D	CC	3.063	11729	0.0424	0.0500	84.8
G1221_055.0055.D	CC	3.066	33288	0.0964	0.1000	96.4
G1221_056.0056.D	CC	3.068	72566	0.1917	0.2000	95.8
G1221_057.0057.D	CC	3.068	175298	0.4245	0.4000	106.1
G1221_058.0058.D	CC	3.068	466662	0.9938	1.0000	99.4
G1221_060.0060.D	QC	3.071	31257	0.0914	0.1000	91.4
G1221_062.0062.D	Blank	3.073	32146	0.0936		

Initial Calibration Report - WJB

Method Path	\\MASSHUNTER\Org\Data\GECD.I\GECD_methods
Method File	G122121_8011_W_SRC.m
Batch Name	D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin
Last Calib Update	12/22/2021 2:42:12 PM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	D:\Org\Data\GECD.I\G122121\aiaexport\G1221_052.0052.D	12/22/2021 5:50:59 AM	12/22/2021 2:42:12 PM
7	D:\Org\Data\GECD.I\G122121\aiaexport\G1221_053.0053.D	12/22/2021 6:10:55 AM	12/22/2021 2:42:12 PM
2	D:\Org\Data\GECD.I\G122121\aiaexport\G1221_054.0054.D	12/22/2021 6:31:00 AM	12/22/2021 2:42:12 PM
3	D:\Org\Data\GECD.I\G122121\aiaexport\G1221_055.0055.D	12/22/2021 6:51:00 AM	12/22/2021 2:42:12 PM
4	D:\Org\Data\GECD.I\G122121\aiaexport\G1221_056.0056.D	12/22/2021 7:10:43 AM	12/22/2021 2:42:12 PM
5	D:\Org\Data\GECD.I\G122121\aiaexport\G1221_057.0057.D	12/22/2021 7:30:39 AM	12/22/2021 2:42:12 PM
6	D:\Org\Data\GECD.I\G122121\aiaexport\G1221_058.0058.D	12/22/2021 7:50:38 AM	12/22/2021 2:42:12 PM

Compound	Curve Fit	1	7	2	3	4	5	6	Avg RF	%RSD
M 1,2-Dibromoethane	Quadratic	141922	151927	177775	206835	192103	198072	179586	178317	13.382
S 1,1,1,2-Tetrachloroethane	Quadratic	18281	100187	234589	332880	362828	438245	466662	279096	60.740

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

Compounds with Curve fitting not using Avg Response Factor:

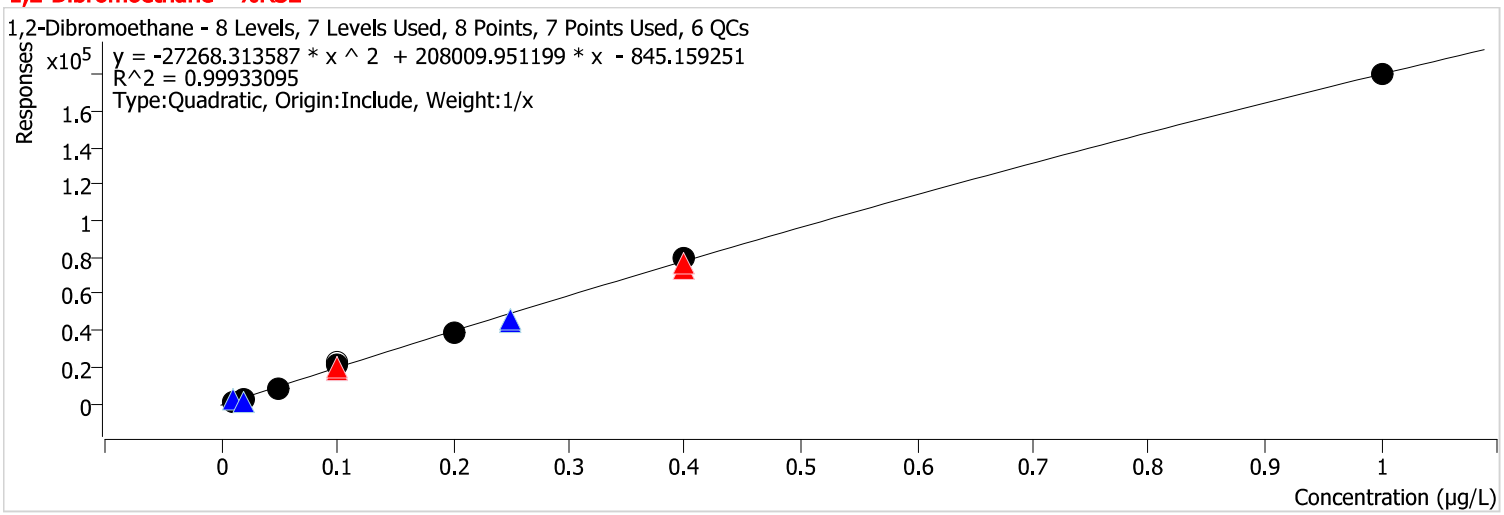
Compound	Curve Fit	Curve Fit Formula	Curve Fit R2
M 1,2-Dibromoethane	Quadratic	y = -27268.313587 * x ^ 2 + 208009.951199 * x - 845.159251	0.999331
S 1,1,1,2-Tetrachloroethane	Quadratic	y = 88013.589491 * x ^ 2 + 386984.316026 * x - 4837.572197	0.997565

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

Calibration Report

Batch Path	D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin		
Analysis Time	12/23/2021 9:50 AM	**Analyst Name**	BL2000\srcox
Report Time	1/16/2022 12:26:58 PM	**Reporter Name**	BL2000\srcox
Last Calib Update	12/22/2021 2:42 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dibromoethane %RSE =

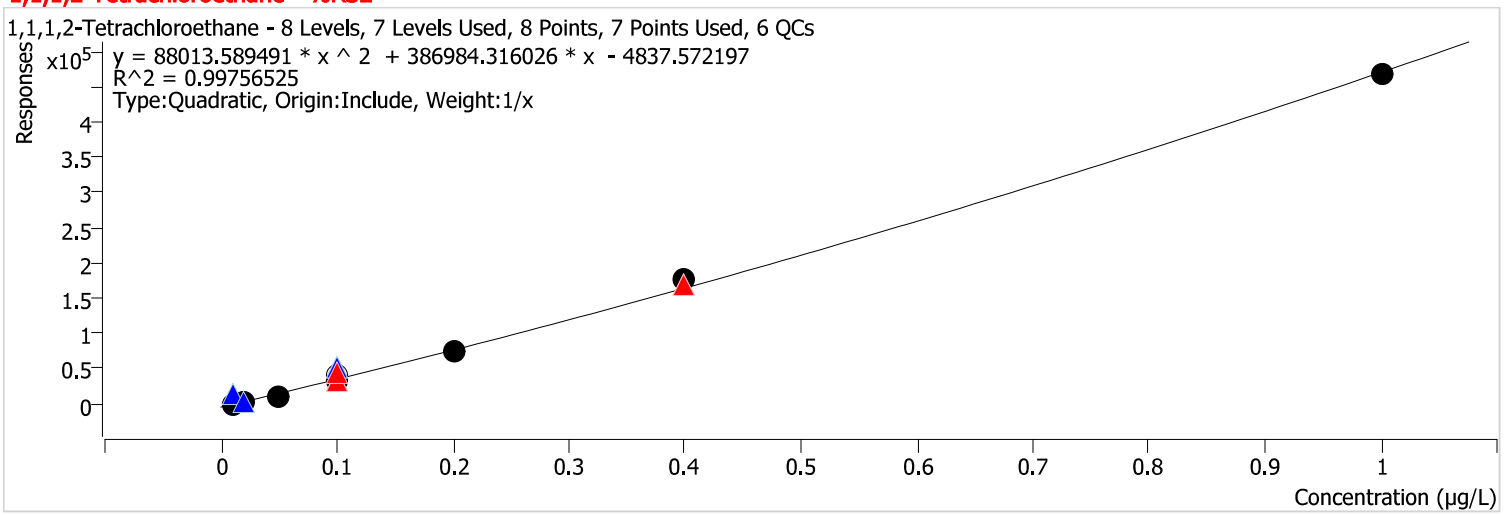


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\GECD.I\G092121\aiaexport\G0921_026.0026.D	QC	1	x	1707	0.0100	170728.9447	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_052.0052.D	Calibration	1	x	1419	0.0100	141922.0387	
D:\Org\Data\GECD.I\G091321\aiaexport\G0913_018.0018.D	QC	7	x	1335	0.0200	66739.7425	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_053.0053.D	Calibration	7	x	3039	0.0200	151927.2606	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_054.0054.D	Calibration	2	x	8889	0.0500	177774.6176	
\\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	
\\MASSHUNTER\Org\Data\GECD.I\G102821\aiaexport\G1028_073.0073.D	CC	3	x	18782	0.1000	187816.5950	
\\MASSHUNTER\Org\Data\GECD.I\G102821\aiaexport\G1028_045.0045.D	CC	3	x	20387	0.1000	203871.6918	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_064.0064.D	QC	LCS1	x	18591	0.1000	185912.1107	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_061.0061.D	CC	CC3		19101	0.1000	191007.5606	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_055.0055.D	Calibration	3	x	20684	0.1000	206835.0985	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_056.0056.D	Calibration	4	x	38421	0.2000	192102.5874	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_063.0063.D	QC	LCS	x	45106	0.2500	180422.3859	0.477812
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_060.0060.D	QC	LCS	x	45411	0.2500	181645.6845	0.477812
\\MASSHUNTER\Org\Data\GECD.I\G102821\aiaexport\G1028_060.0060.D	CC	5	x	73465	0.4000	183662.9086	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_074.0074.D	CC	CC5	x	77330	0.4000	193324.5351	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_057.0057.D	Calibration	5	x	79229	0.4000	198072.2143	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_058.0058.D	Calibration	6	x	179586	1.0000	179585.7245	

Calibration Report

Batch Path	D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin		
Analysis Time	12/23/2021 9:50 AM	**Analyst Name**	BL2000\srcox
Report Time	1/16/2022 12:27:01 PM	**Reporter Name**	BL2000\srcox
Last Calib Update	12/22/2021 2:42 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

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

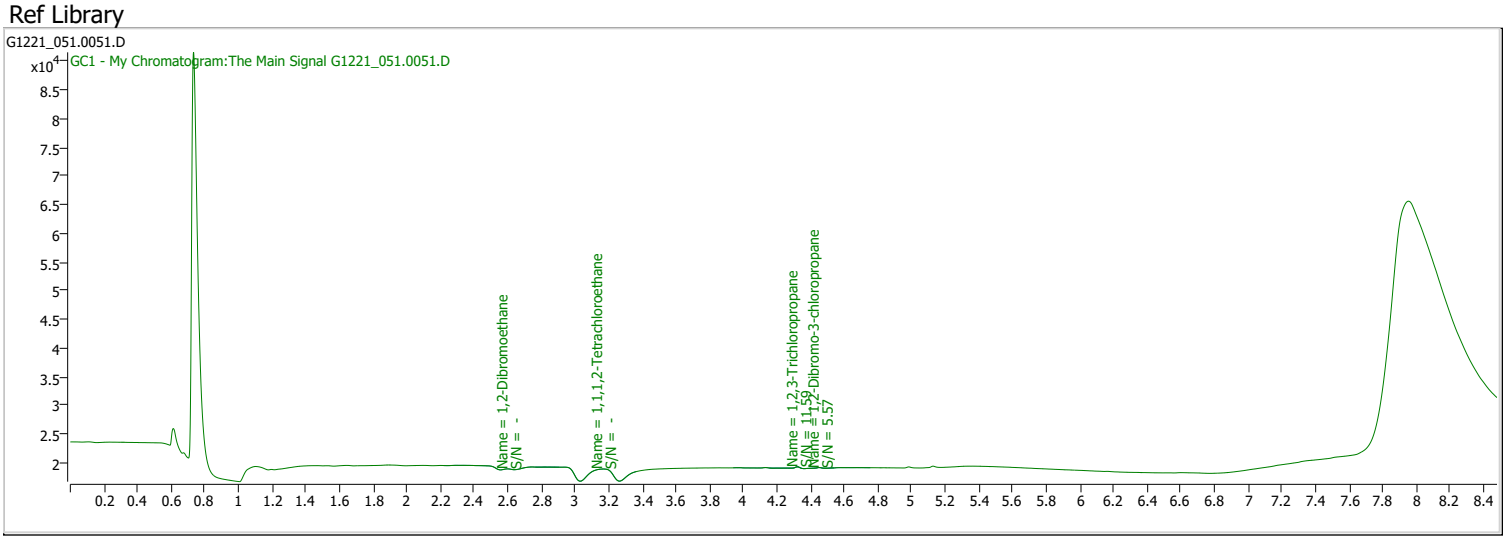


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\GECD.I\G092121\aiaexport\G0921_026.0026.D	QC	1	x	15026	0.0100	1502610.5883	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_052.0052.D	Calibration	1	x	183	0.0100	18281.1673	
D:\Org\Data\GECD.I\G091321\aiaexport\G0913_018.0018.D	QC	7	x	686	0.0200	34275.7771	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_053.0053.D	Calibration	7	x	2004	0.0200	100187.1612	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_054.0054.D	Calibration	2	x	11729	0.0500	234588.5523	
\\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	
\\MASSHUNTER\Org\Data\GECD.I\G102821\aiaexport\G1028_073.0073.D	CC	3	x	31327	0.1000	313271.6962	
\\MASSHUNTER\Org\Data\GECD.I\G102821\aiaexport\G1028_045.0045.D	CC	3	x	42700	0.1000	426998.2695	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_064.0064.D	QC	LCS1	x	50110	0.1000	501101.9397	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_063.0063.D	QC	LCS	x	50088	0.1000	500876.0950	32.737489
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_061.0061.D	CC	CC3		29228	0.1000	292276.2189	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_060.0060.D	QC	LCS	x	31257	0.1000	312571.8430	32.737489
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_055.0055.D	Calibration	3	x	33288	0.1000	332880.1876	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_056.0056.D	Calibration	4	x	72566	0.2000	362828.1353	
\\MASSHUNTER\Org\Data\GECD.I\G102821\aiaexport\G1028_060.0060.D	CC	5	x	170680	0.4000	426700.2655	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_074.0074.D	CC	CC5	x	169695	0.4000	424236.9956	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_057.0057.D	Calibration	5	x	175298	0.4000	438244.8431	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_058.0058.D	Calibration	6	x	466662	1.0000	466661.9956	

Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

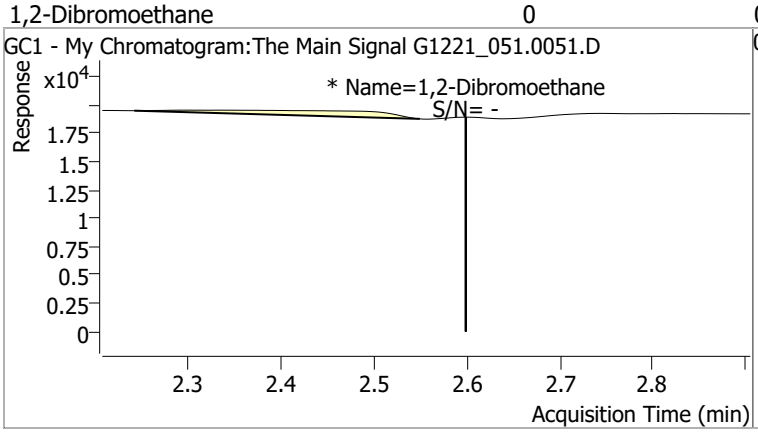
Data File	G1221_051.0051.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 5:30:58 AM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

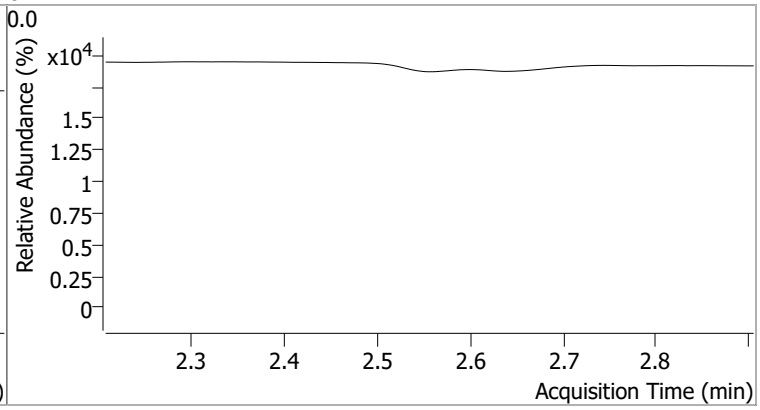


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.162	0.0	0		µg/L	md	0.098
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.598	0.0	0		µg/L	md	1

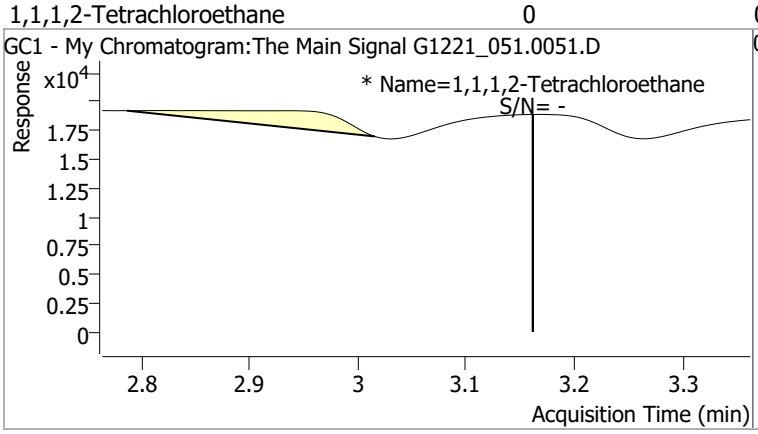
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

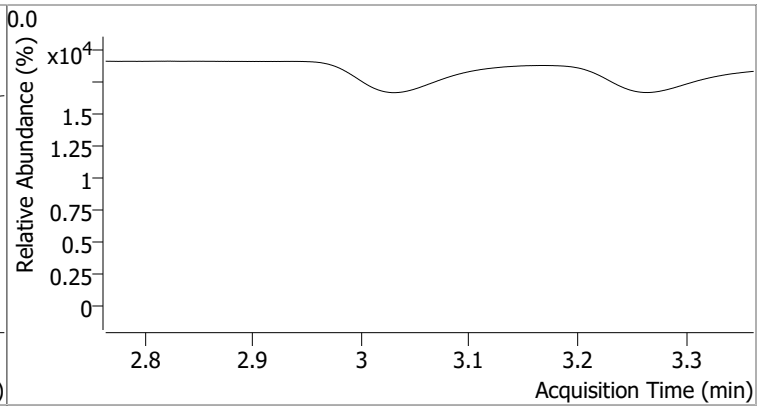
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





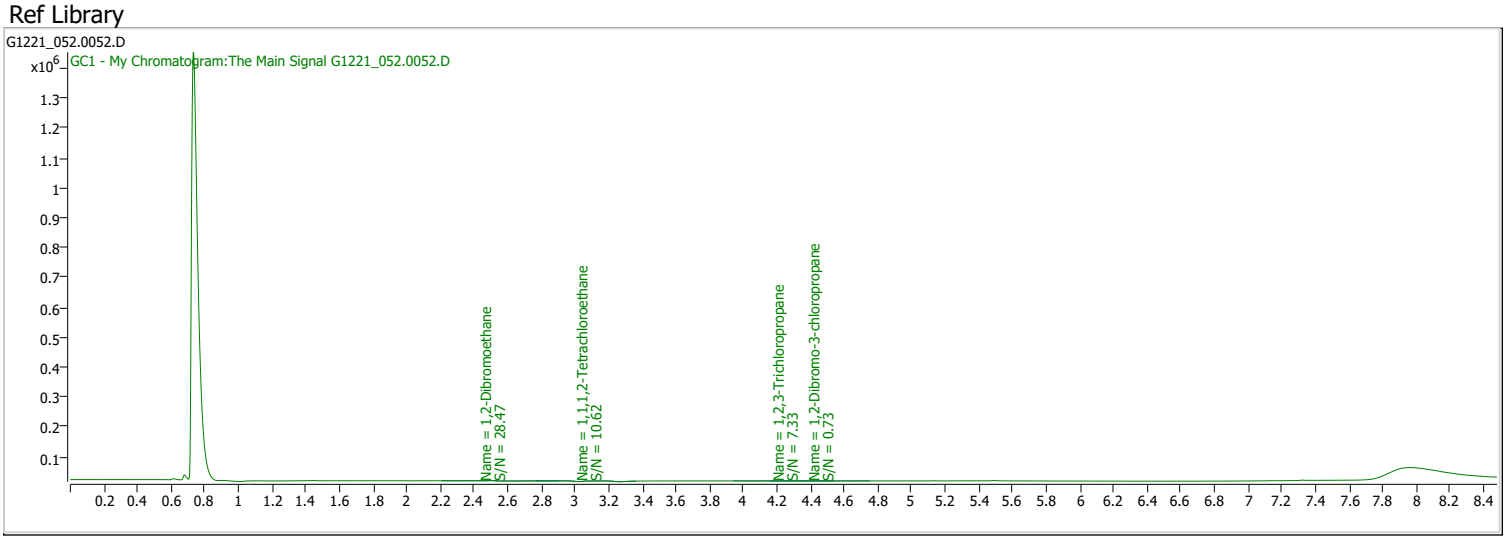
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

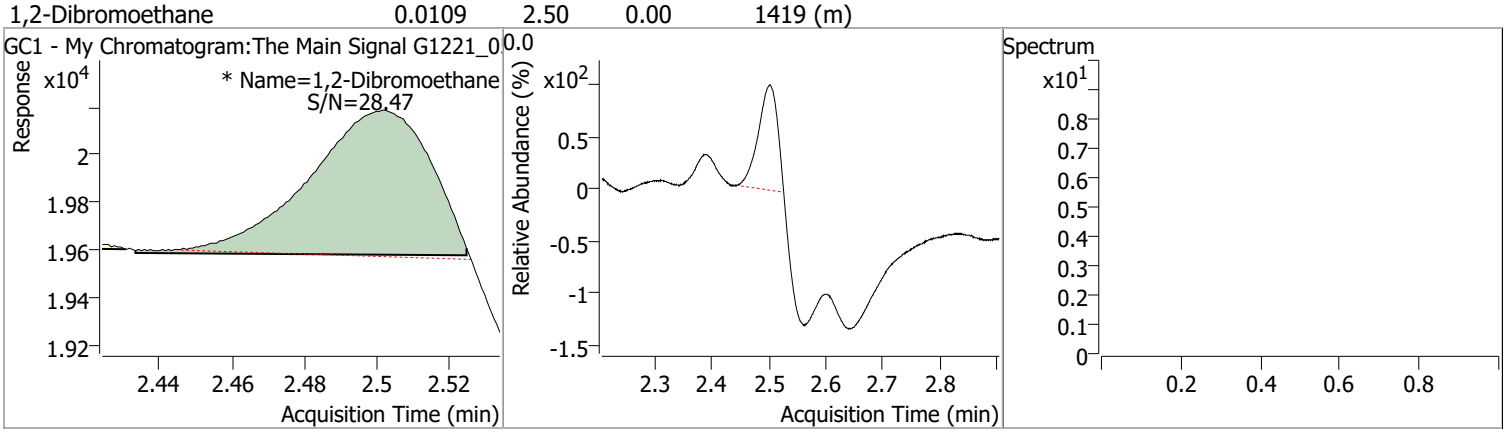
Data File	G1221_052.0052.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 5:50:59 AM
Sample Name	CAL1-162287	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			



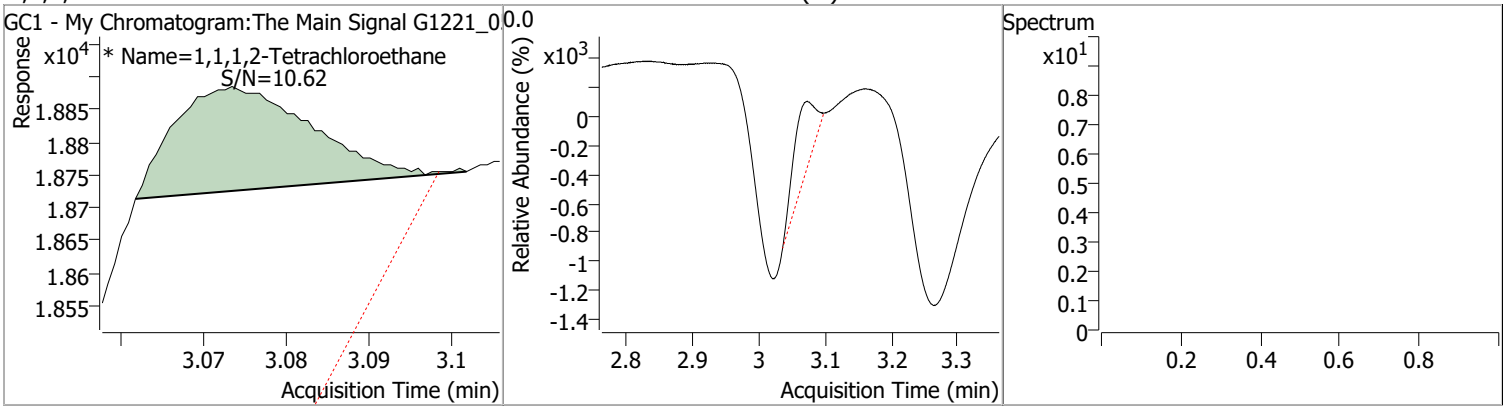
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.073	0.0	183	0.0129	µg/L	m	0.010
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 12.94%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.502	0.0	1419	0.0109	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	0.0109	2.50	0.00	1419 (m)				

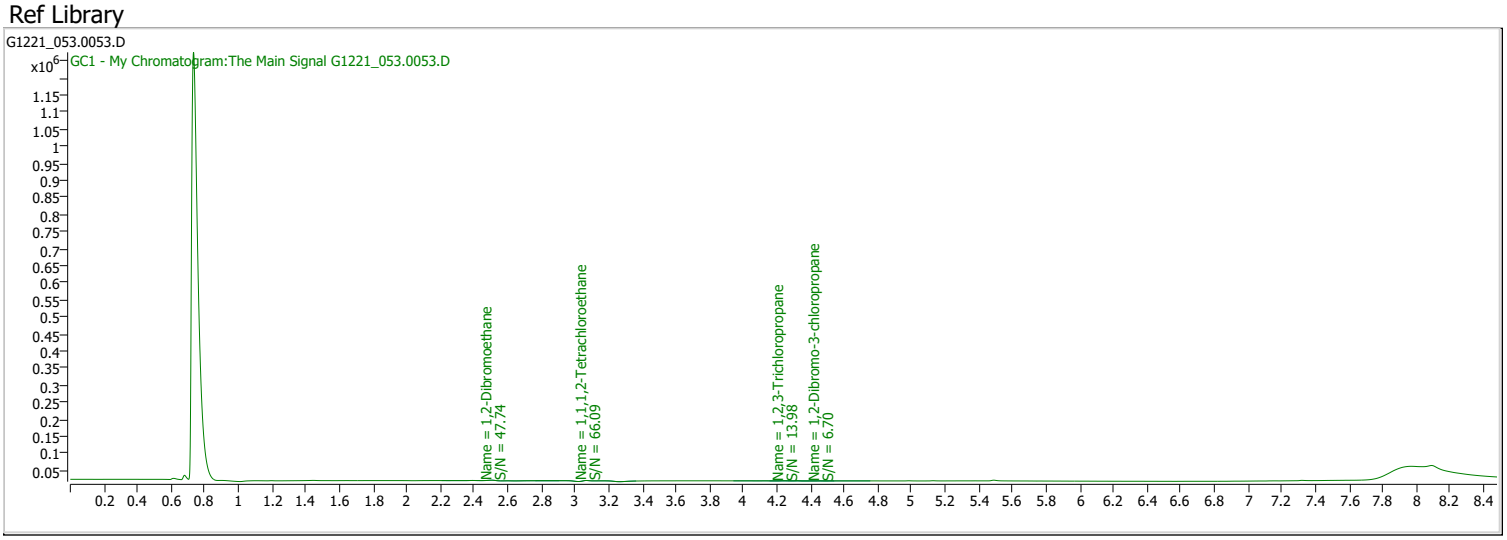


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0129	3.07	0.01	183 (m)				



Quantitation Results Report (QT Reviewed)

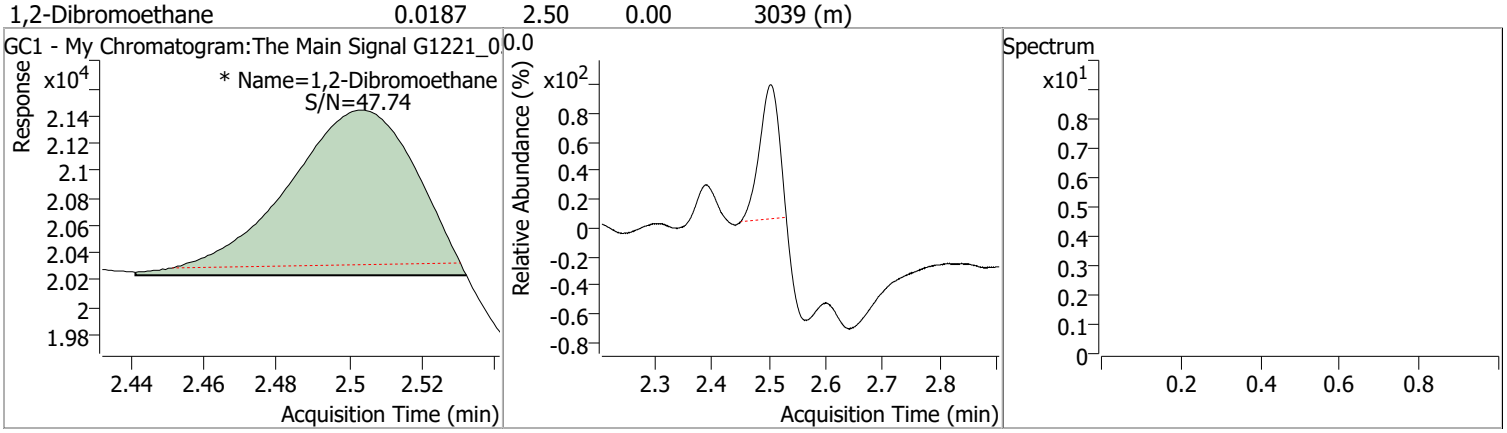
Data File	G1221_053.0053.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 6:10:55 AM
Sample Name	CAL7-162287	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			



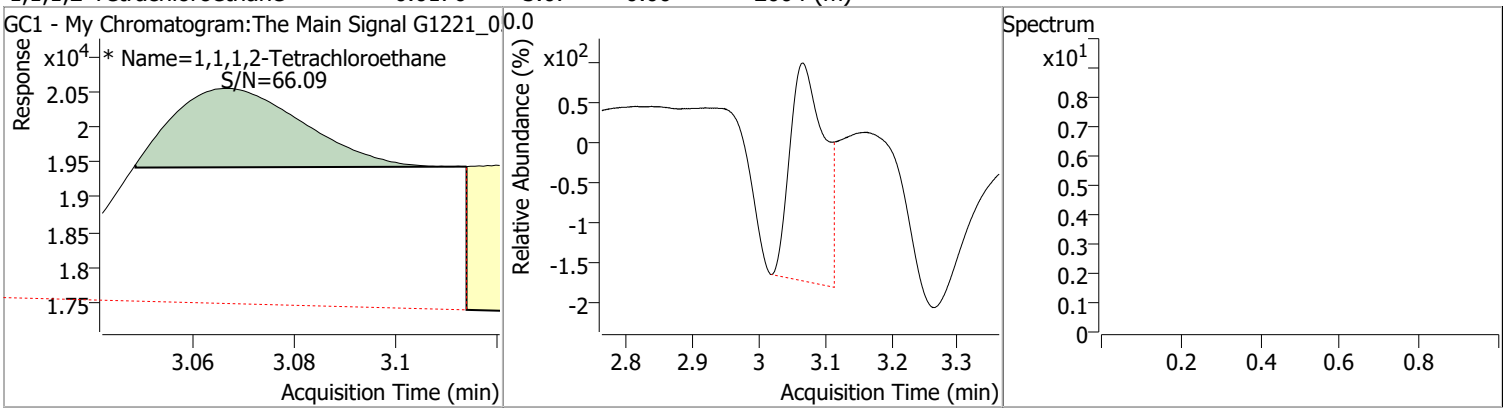
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.066	0.0	2004	0.0176	µg/L	m	0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 17.61%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.503	0.0	3039	0.0187	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	0.0187	2.50	0.00	3039 (m)				



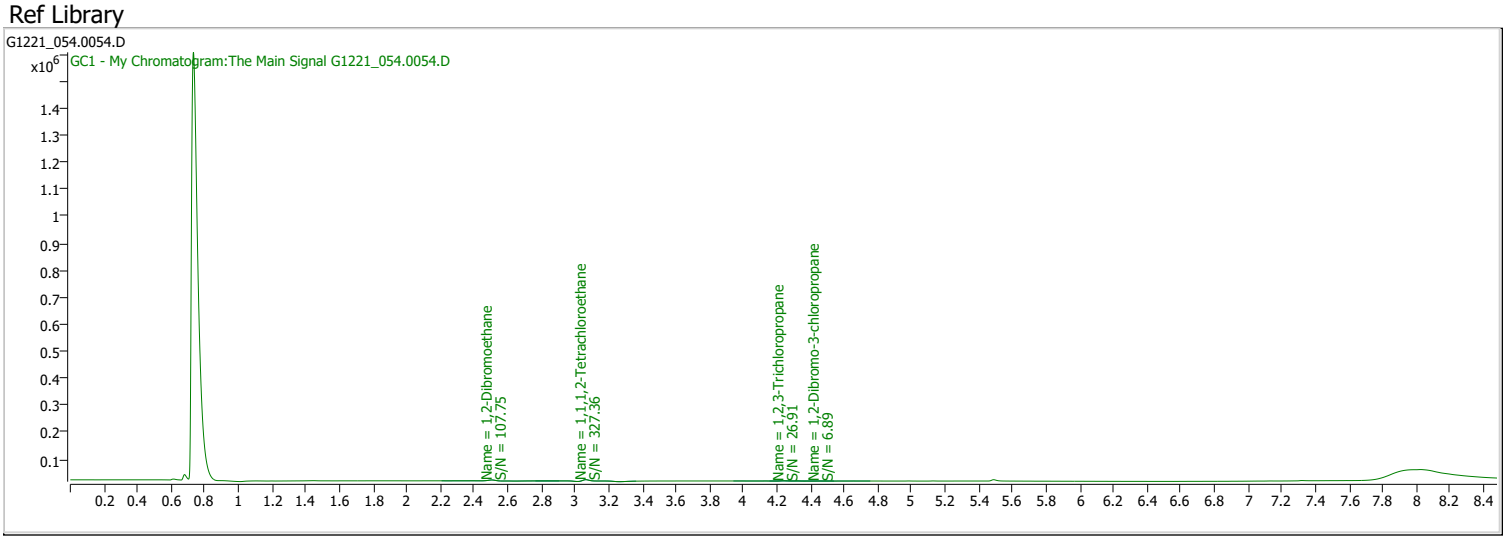
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0176	3.07	0.00	2004 (m)				



Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

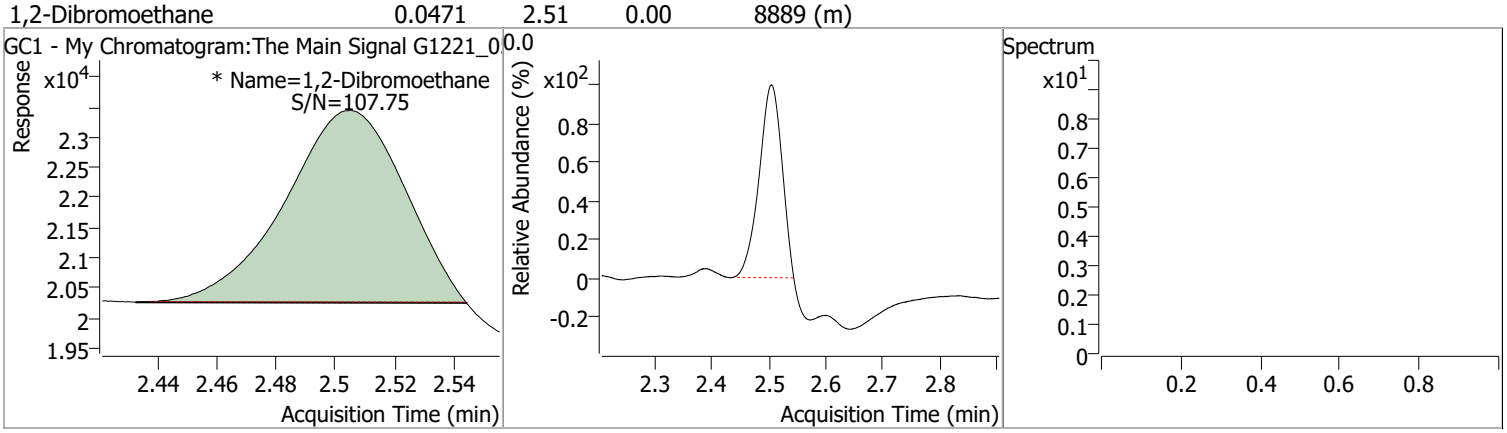
Data File	G1221_054.0054.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 6:31:00 AM
Sample Name	CAL2-162287	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			



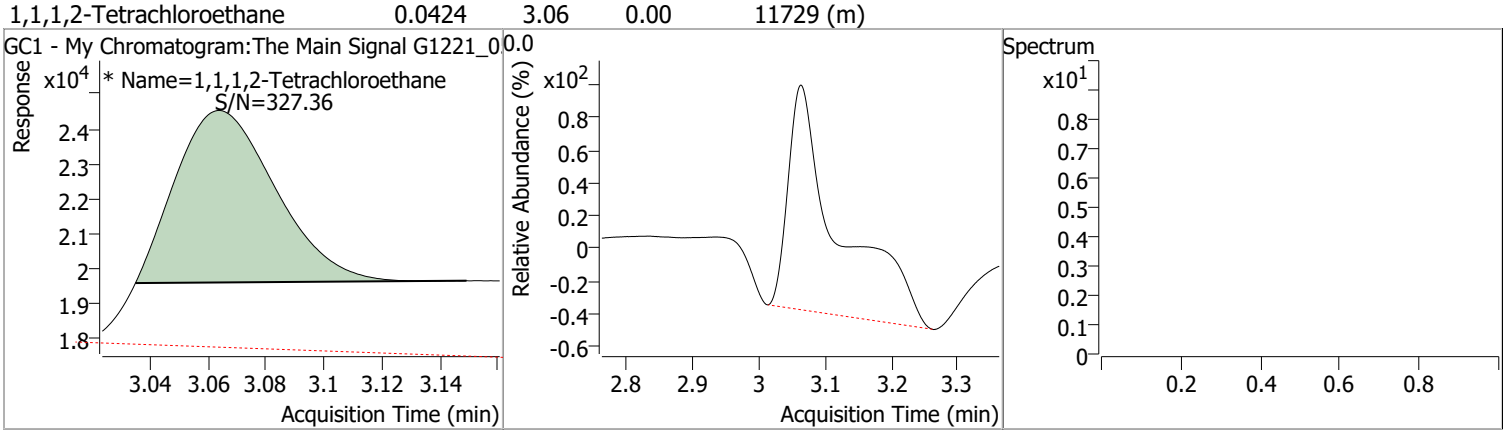
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.063	0.0	11729	0.0424	µg/L	m	0.000
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 42.40%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.505	0.0	8889	0.0471	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	0.0471	2.51	0.00	8889 (m)				

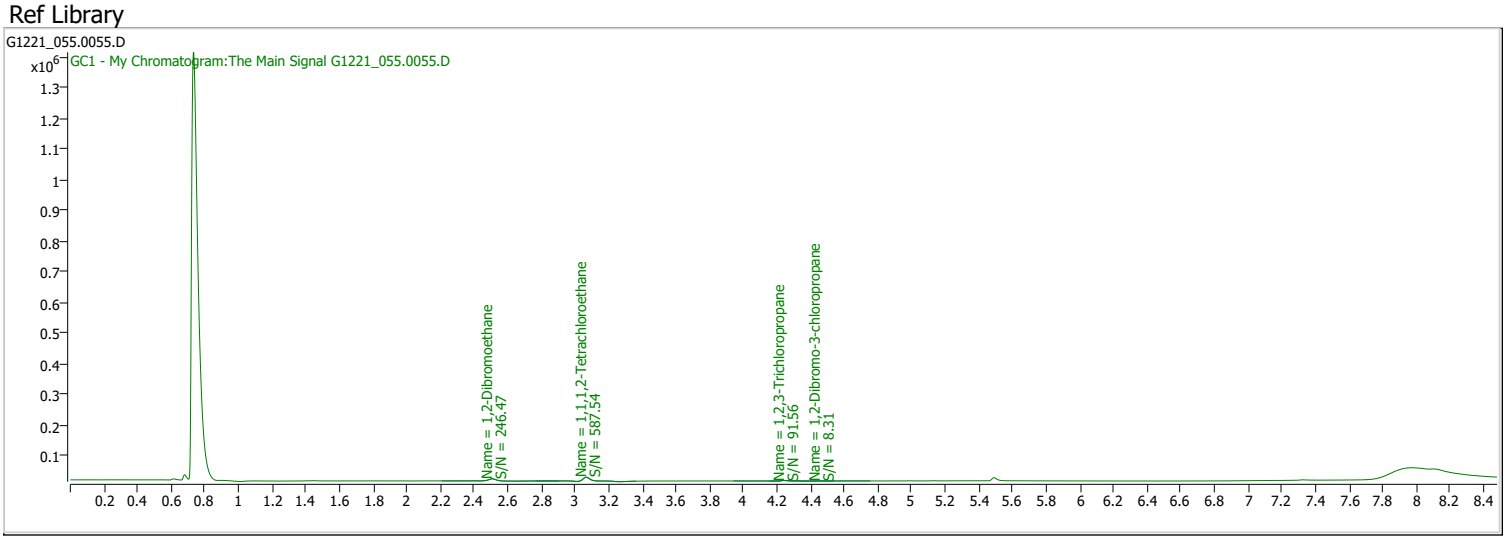


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0424	3.06	0.00	11729 (m)				



Quantitation Results Report (QT Reviewed)

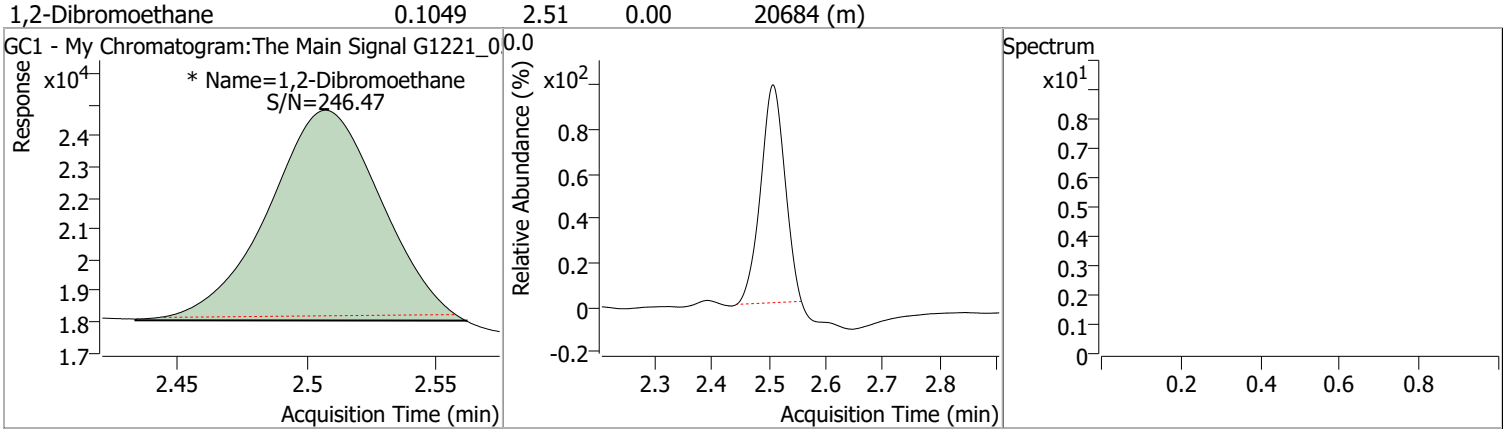
Data File	G1221_055.0055.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 6:51:00 AM
Sample Name	CAL3-162287	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			



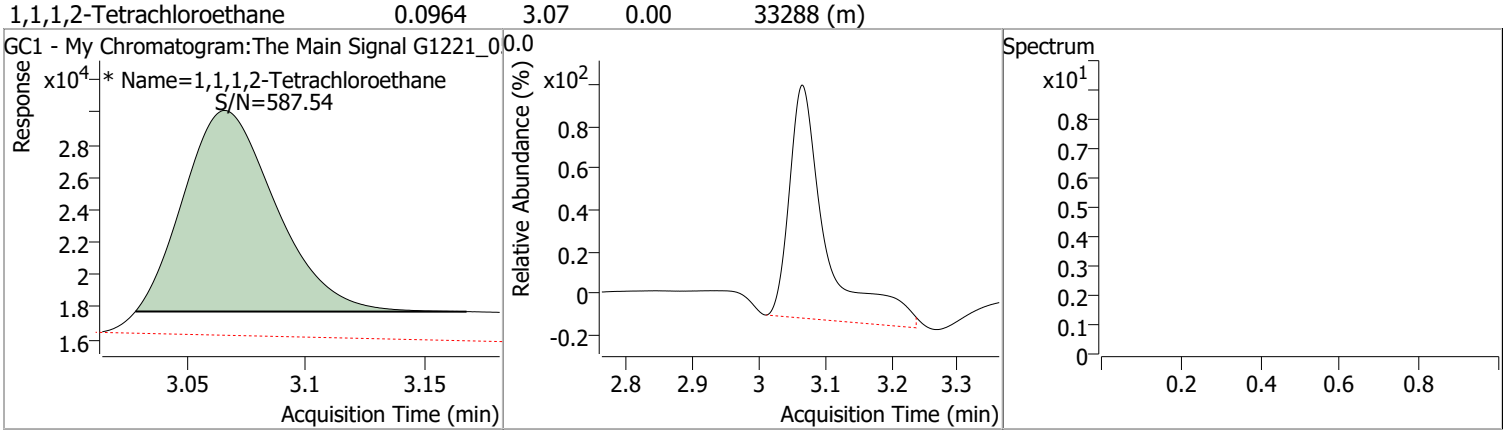
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.066	0.0	33288	0.0964	µg/L	m	0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 96.41%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.508	0.0	20684	0.1049	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	0.1049	2.51	0.00	20684 (m)				

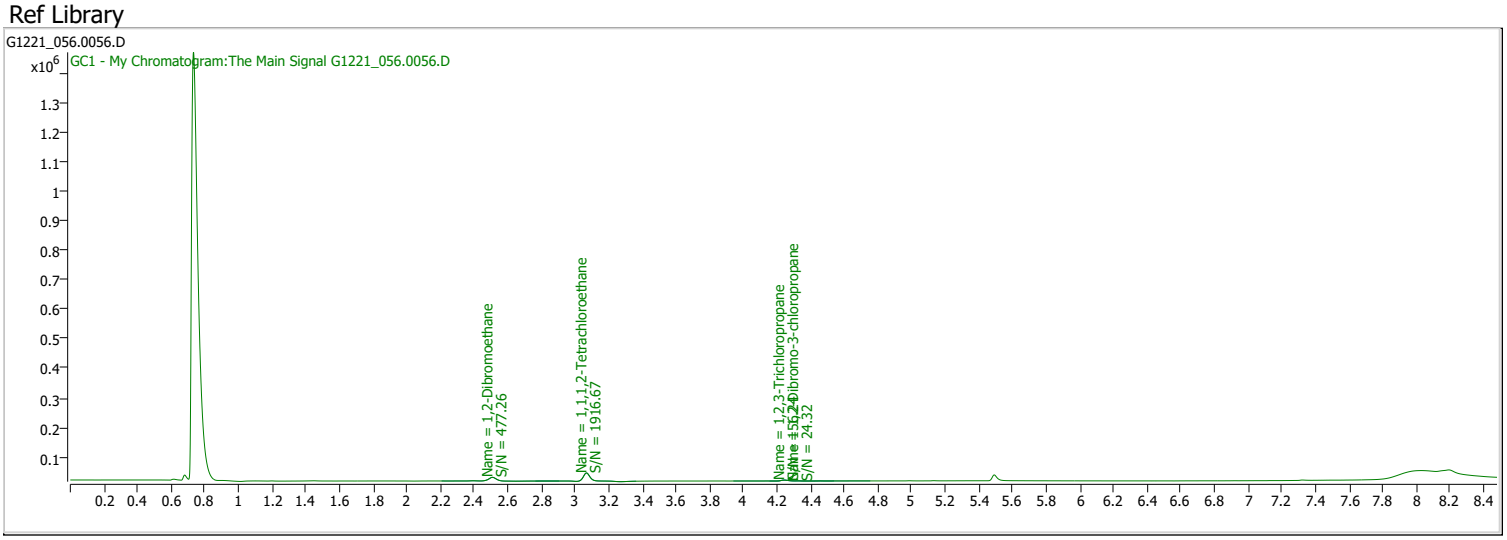


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0964	3.07	0.00	33288 (m)				



Quantitation Results Report (QT Reviewed)

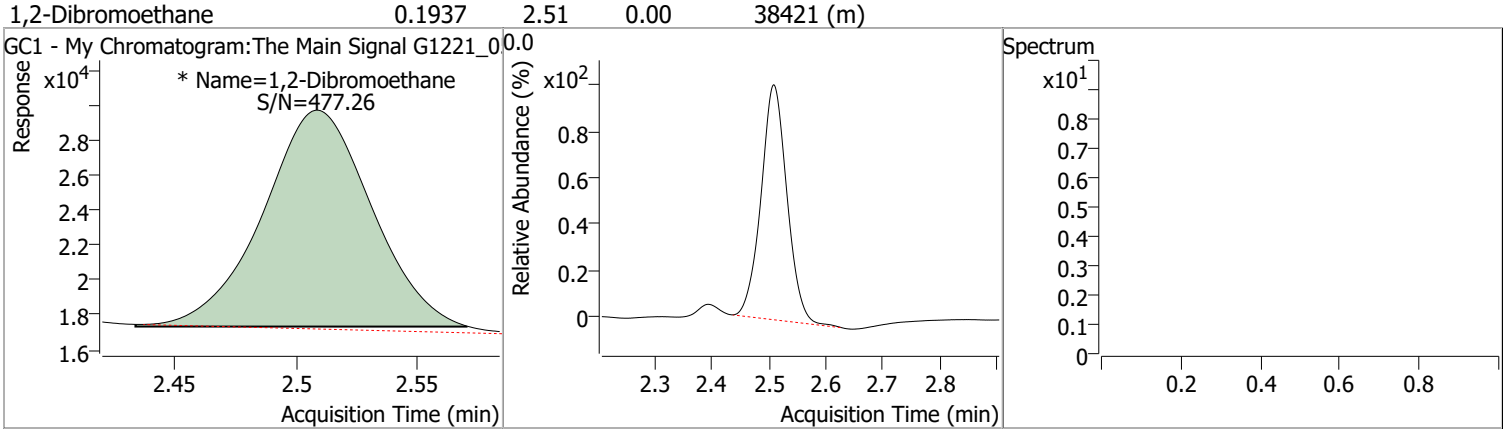
Data File	G1221_056.0056.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 7:10:43 AM
Sample Name	CAL4-162287	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			



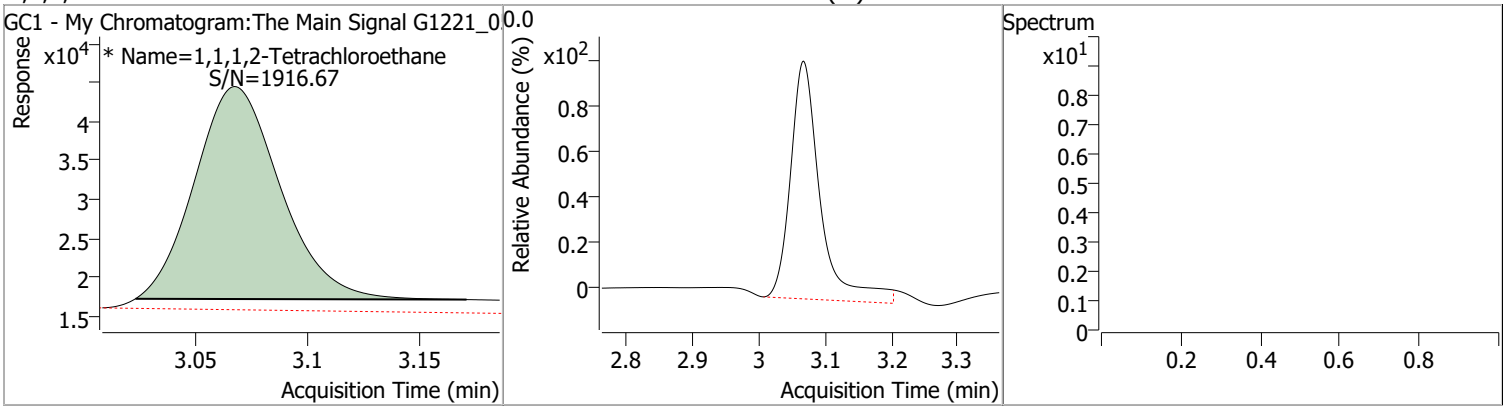
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.068	0.0	72566	0.1917	µg/L	m	0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 191.66%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.508	0.0	38421	0.1937	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	0.1937	2.51	0.00	38421 (m)				

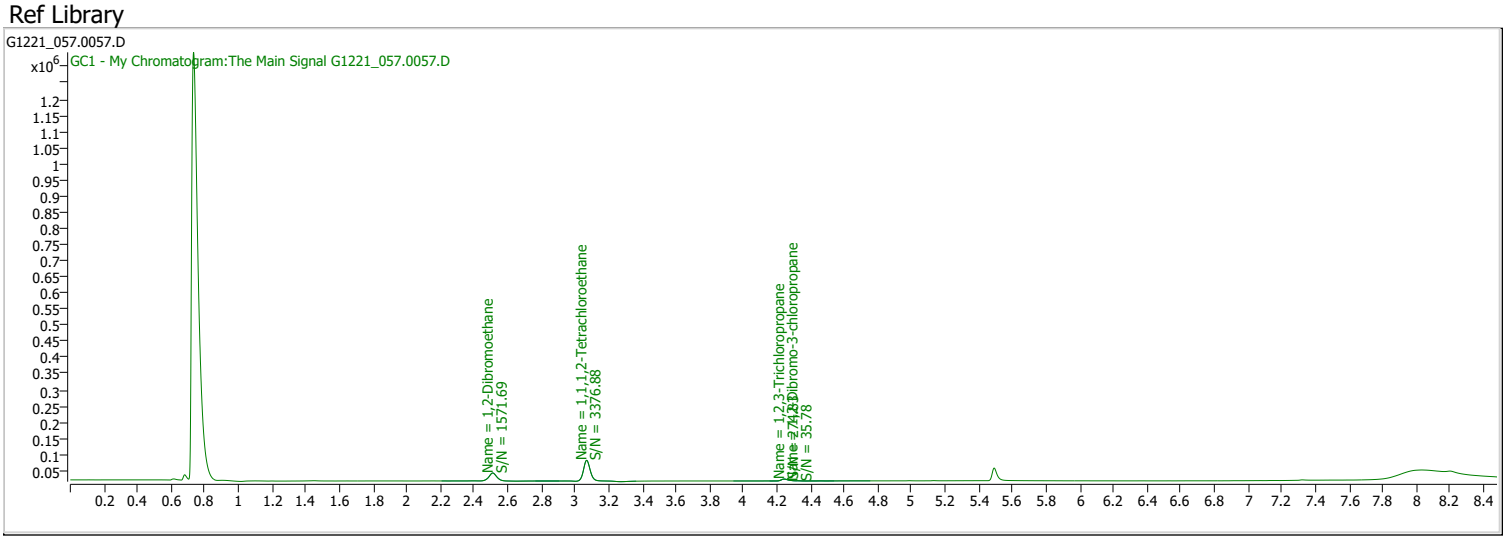


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1917	3.07	0.00	72566 (m)				



Quantitation Results Report (QT Reviewed)

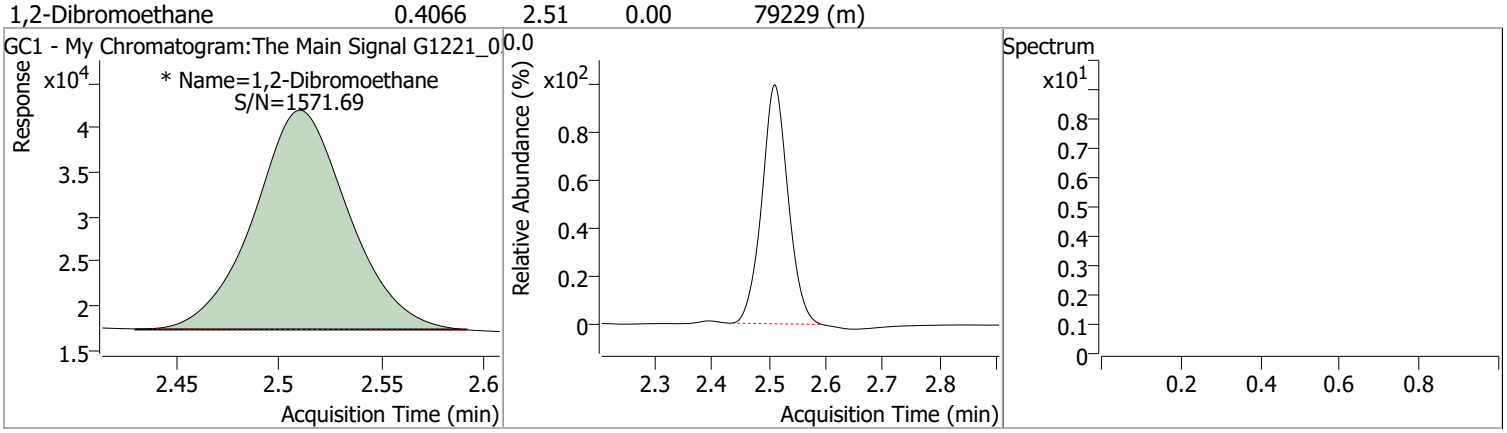
Data File	G1221_057.0057.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 7:30:39 AM
Sample Name	CAL5-162287	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			



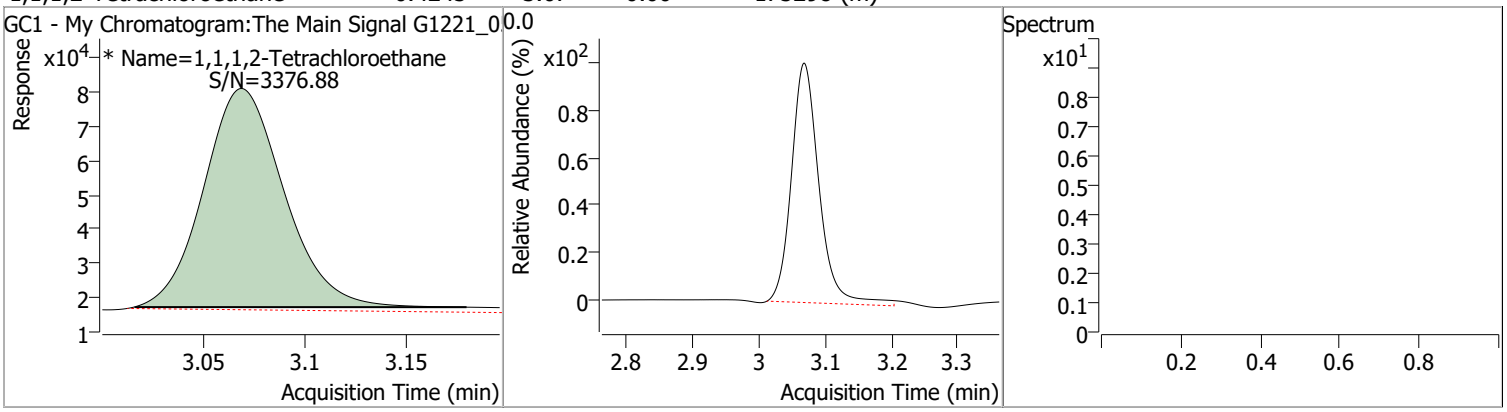
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.068	0.0	175298	0.4245	µg/L	m	0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 424.50%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.510	0.0	79229	0.4066	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	0.4066	2.51	0.00	79229 (m)				

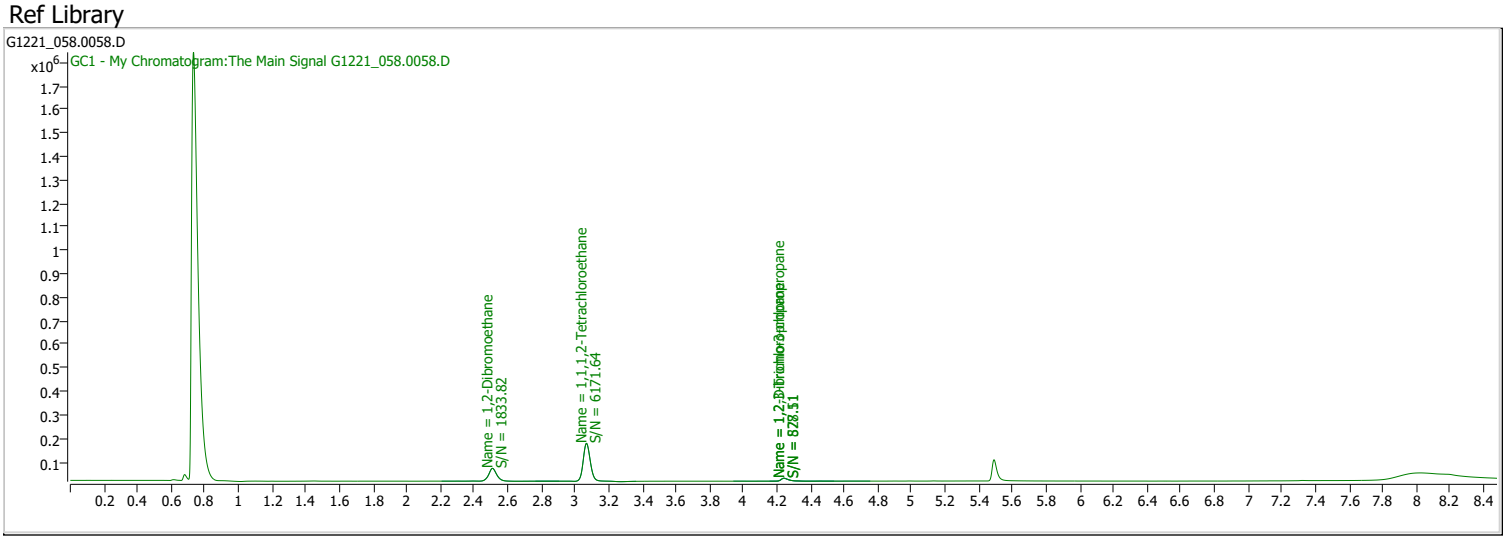


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4245	3.07	0.00	175298 (m)				



Quantitation Results Report (QT Reviewed)

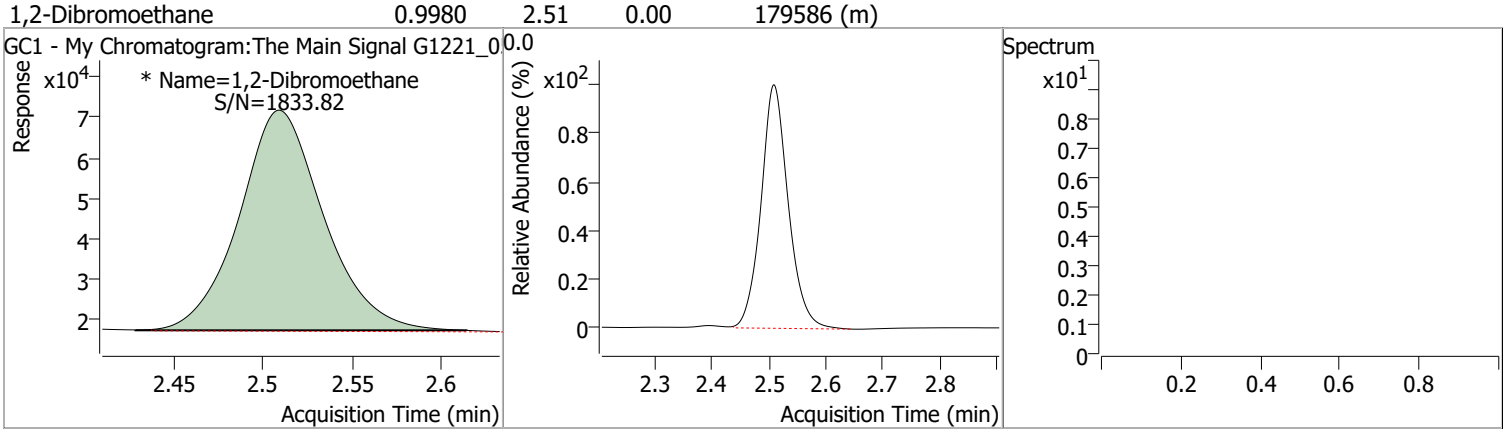
Data File	G1221_058.0058.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 7:50:38 AM
Sample Name	CAL6-162287	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			



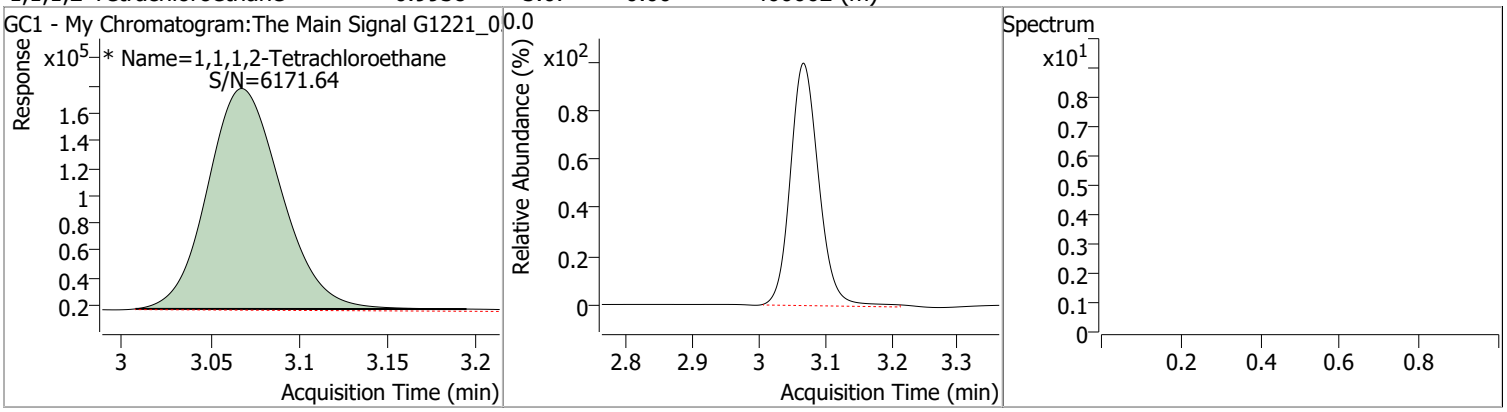
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.068	0.0	466662	0.9938	µg/L	m	0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 993.78%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.509	0.0	179586	0.9980	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	0.9980	2.51	0.00	179586 (m)				

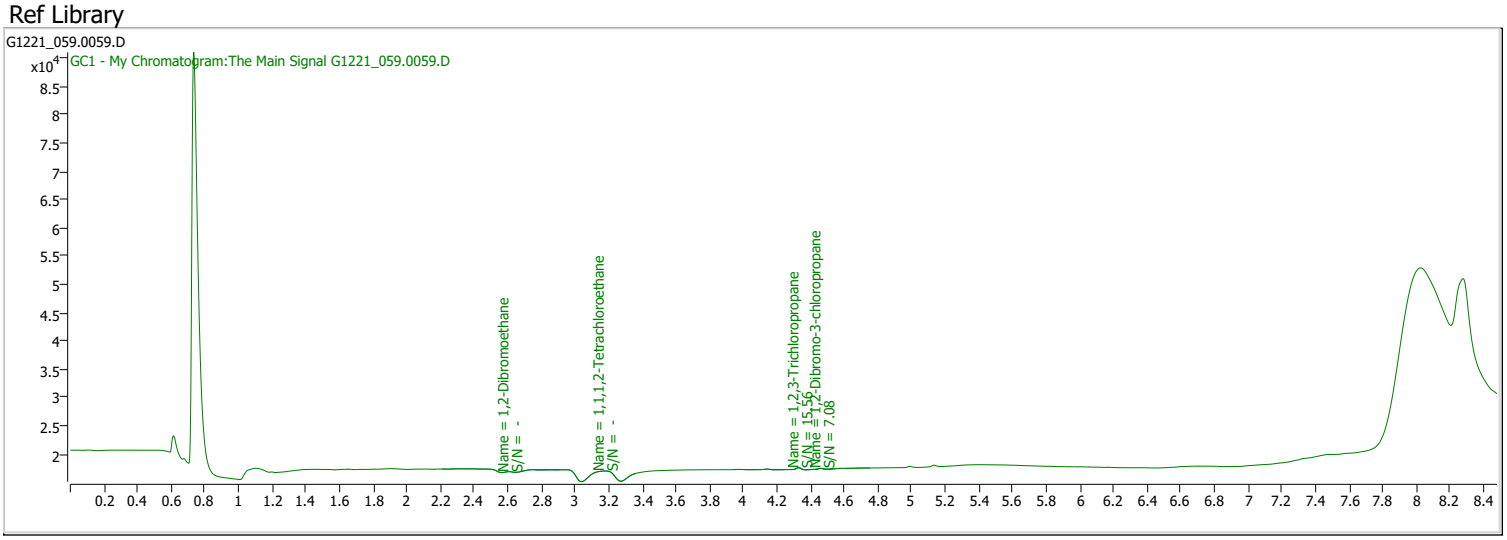


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.9938	3.07	0.00	466662 (m)				



Quantitation Results Report (QT Reviewed)

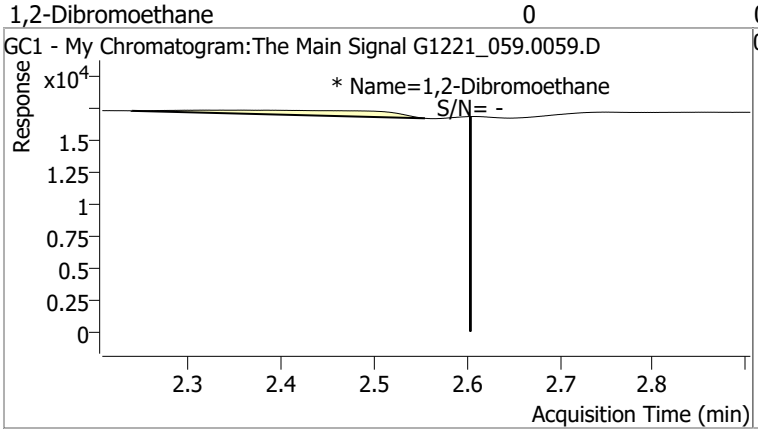
Data File	G1221_059.0059.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 8:10:29 AM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

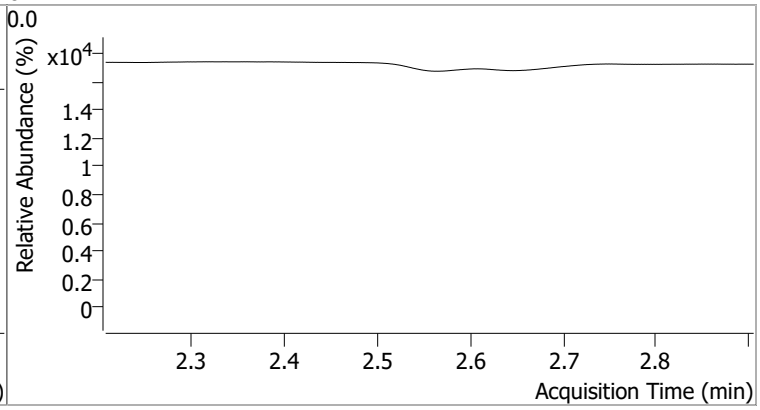


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.171	0.0	0		µg/L	md	0.107
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.603	0.0	0		µg/L	md	1

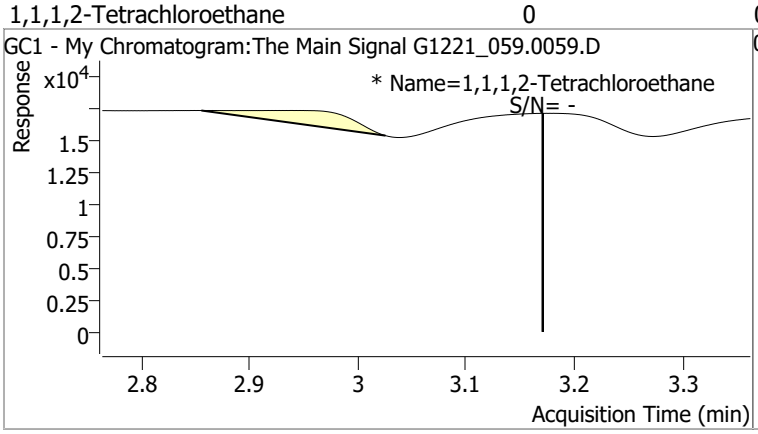
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

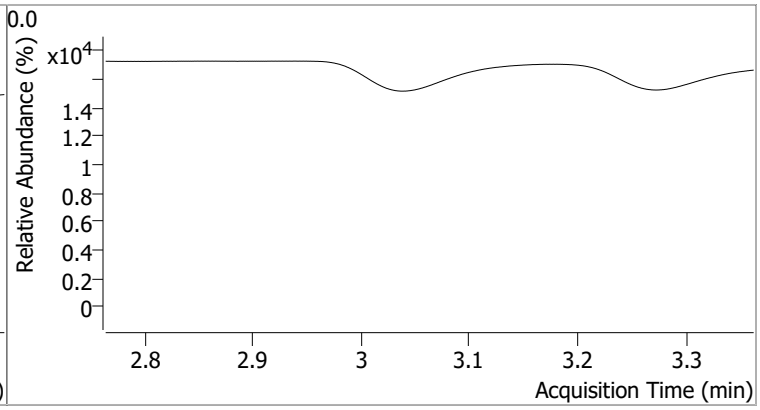
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





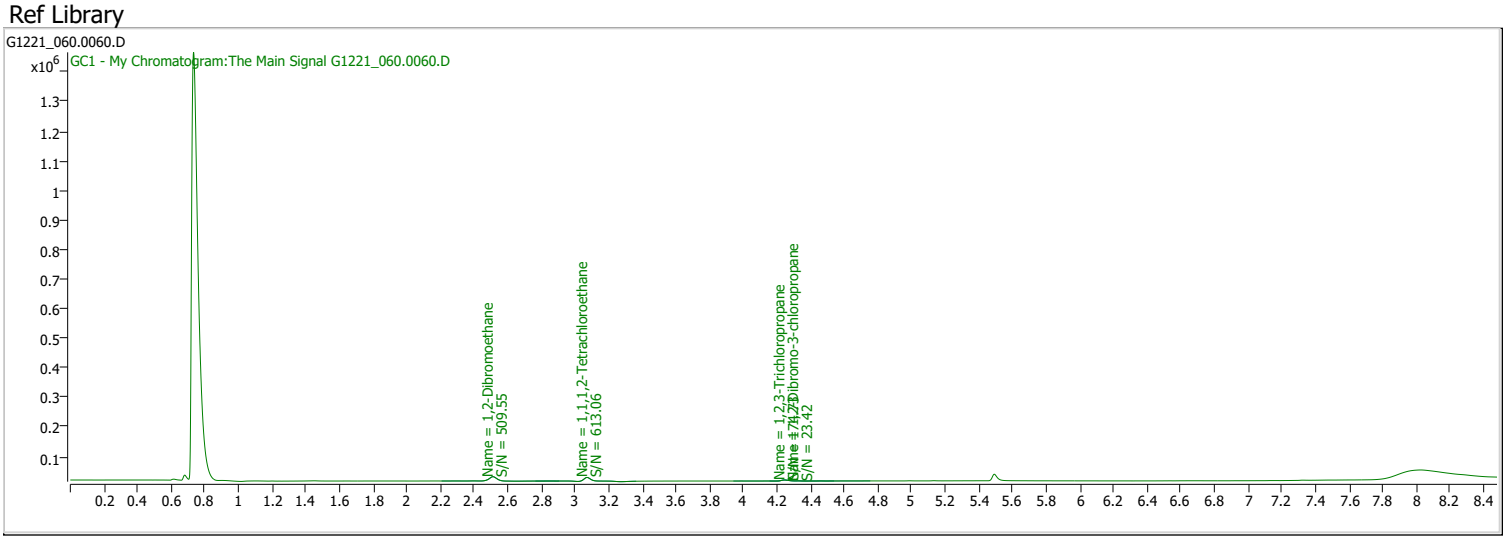
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

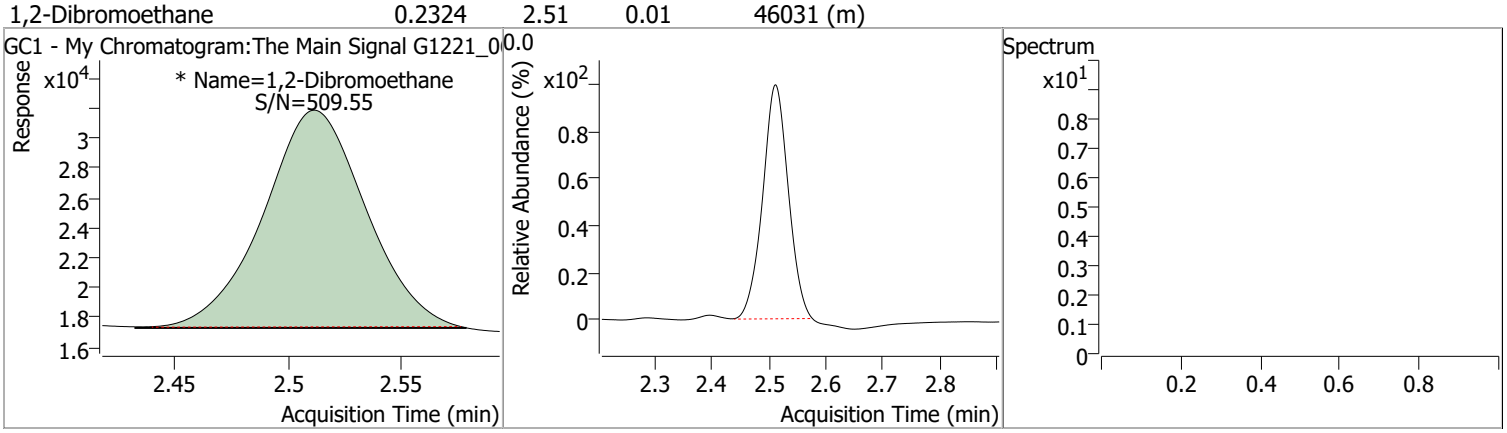
Data File	G1221_060.0060.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 8:30:13 AM
Sample Name	LCS-162287	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			



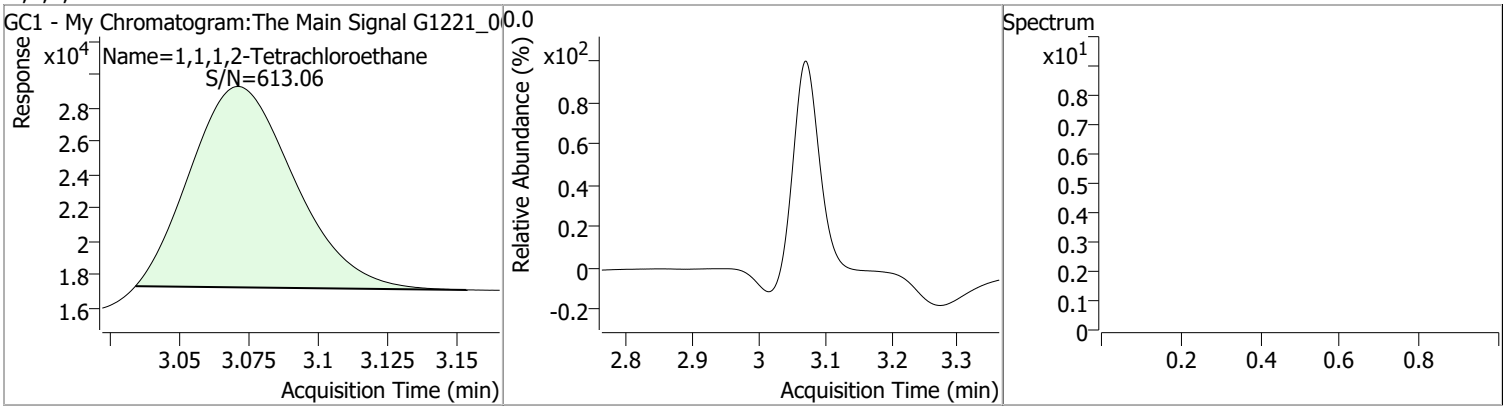
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.071	0.0	31257	0.0914	µg/L		0.007
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 91.37%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.512	0.0	46031	0.2324	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	0.2324	2.51	0.01	46031 (m)				

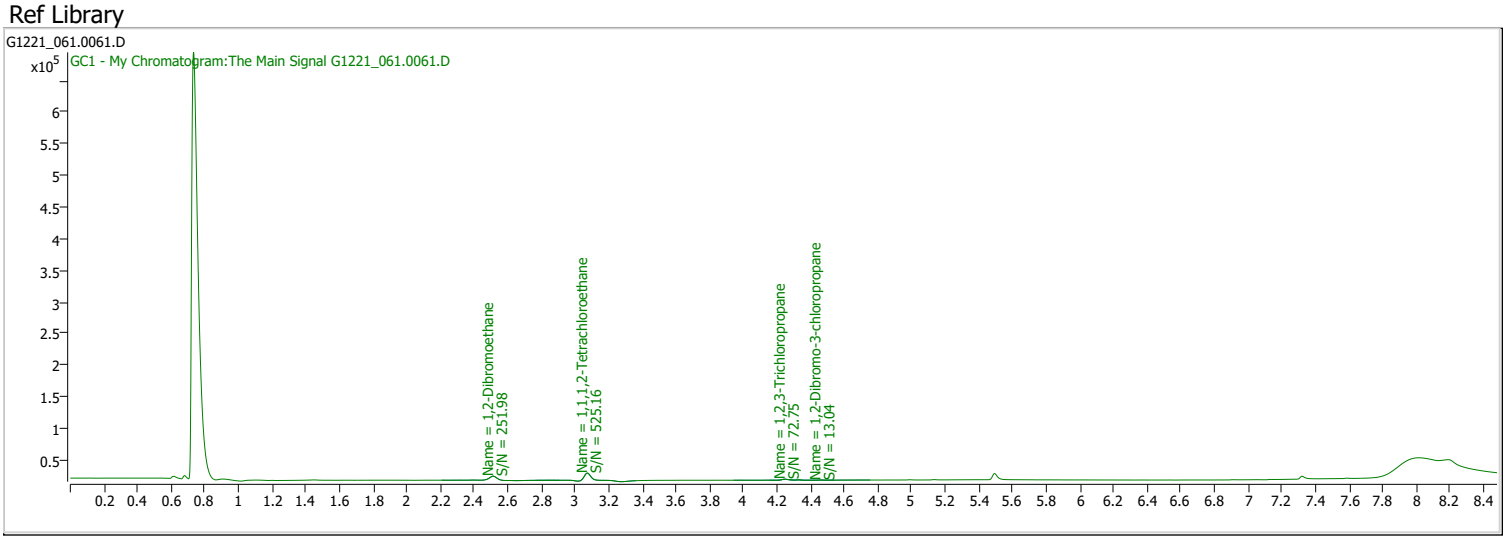


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0914	3.07	0.01	31257				



Quantitation Results Report (QT Reviewed)

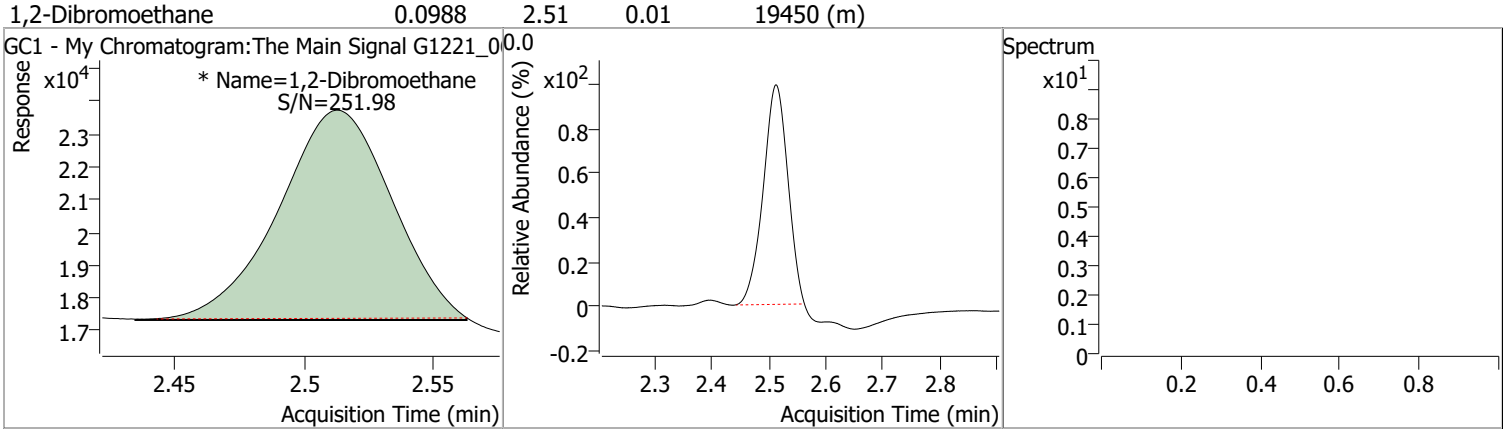
Data File	G1221_061.0061.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 8:50:09 AM
Sample Name	CK3-162394	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			



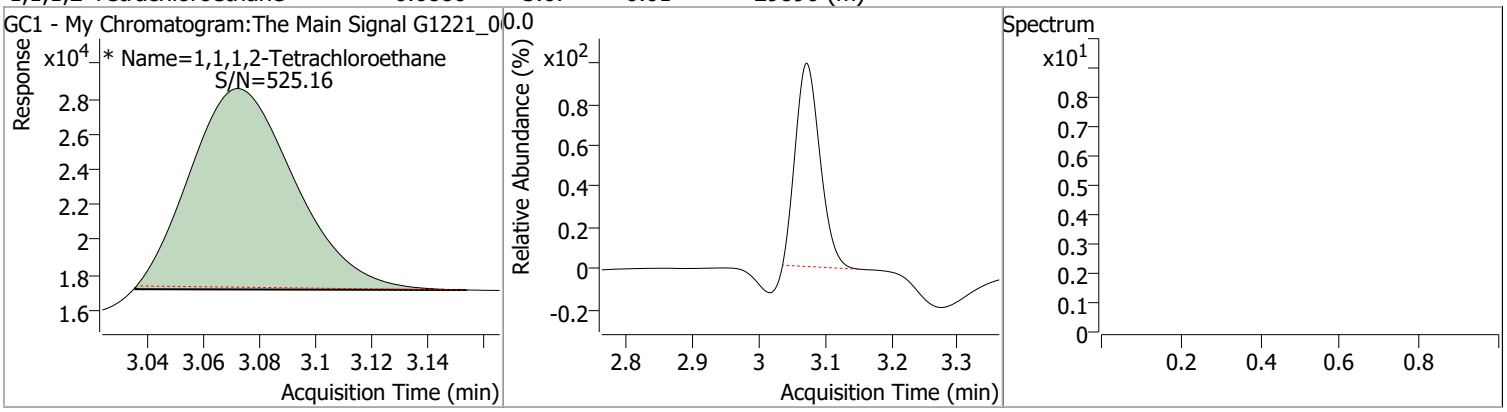
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.073	0.0	29890	0.0880	µg/L	m	0.009
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 87.98%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.513	0.0	19450	0.0988	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	0.0988	2.51	0.01	19450 (m)				

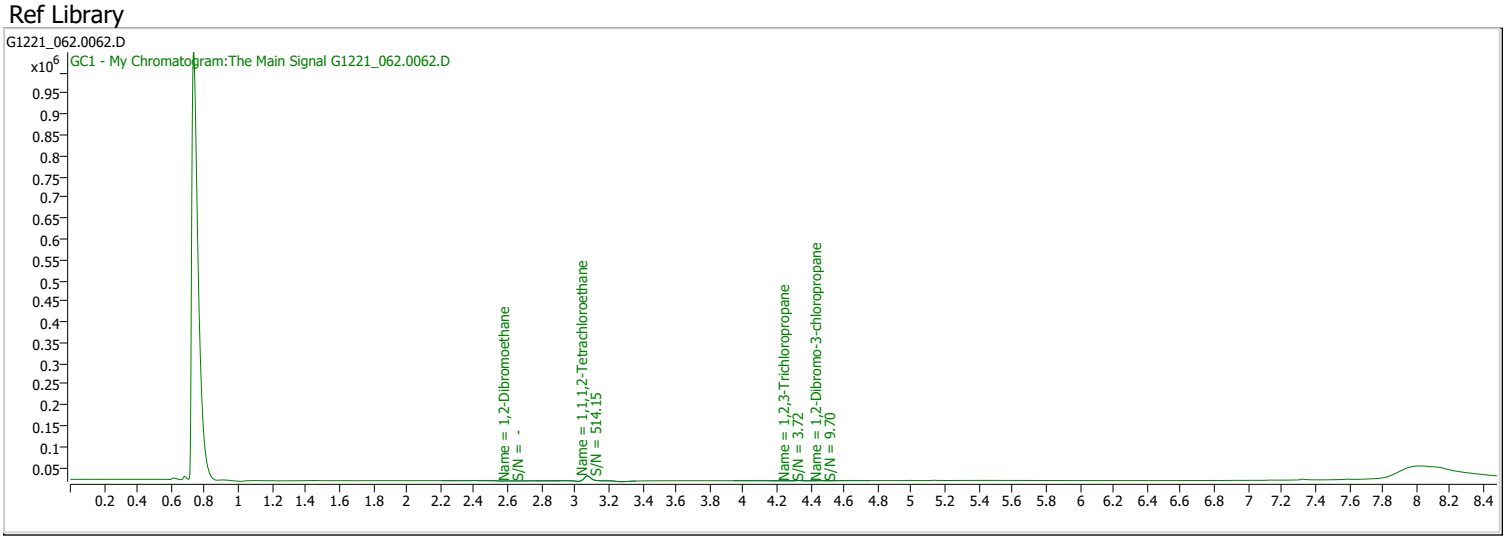


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0880	3.07	0.01	29890 (m)				



Quantitation Results Report (QT Reviewed)

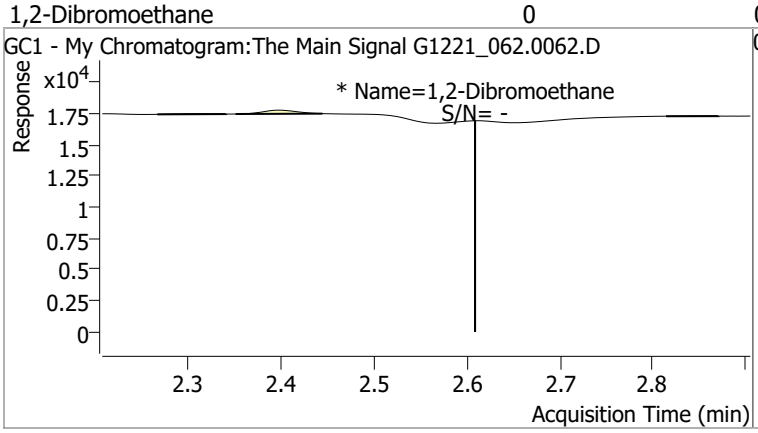
Data File	G1221_062.0062.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 9:10:00 AM
Sample Name	MB-162394	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

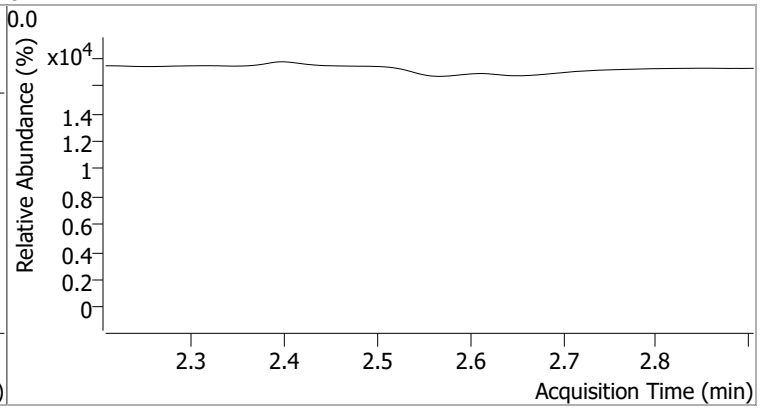


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.073	0.0	32146	0.0936	µg/L	m	0.009
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 93.58%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.608	0.0	0		µg/L	md	1

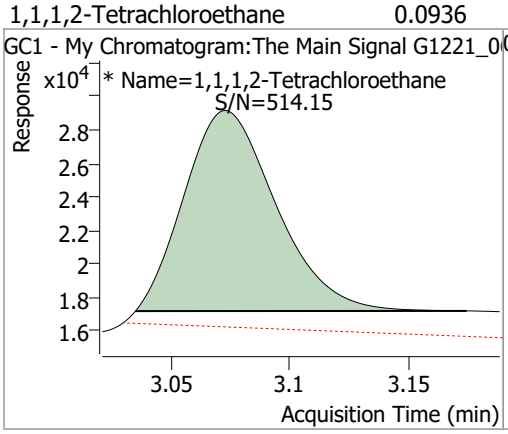
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

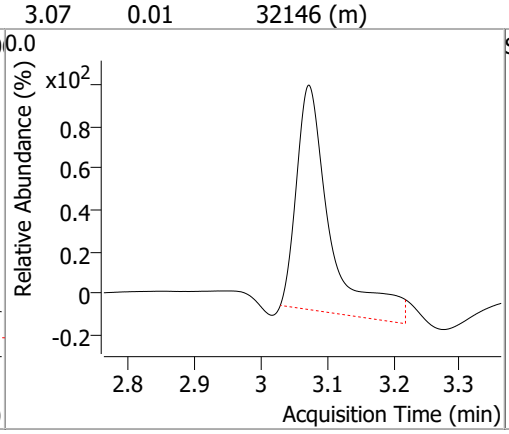
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

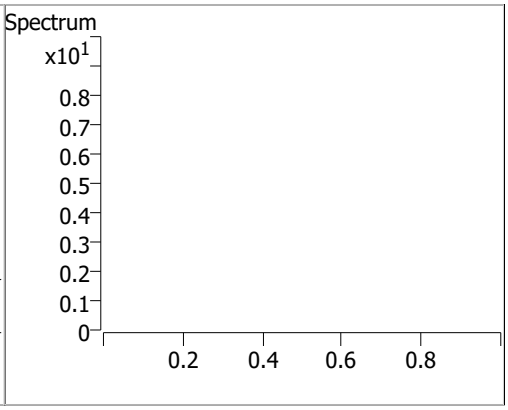




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0936	3.07	0.01	32146 (m)				

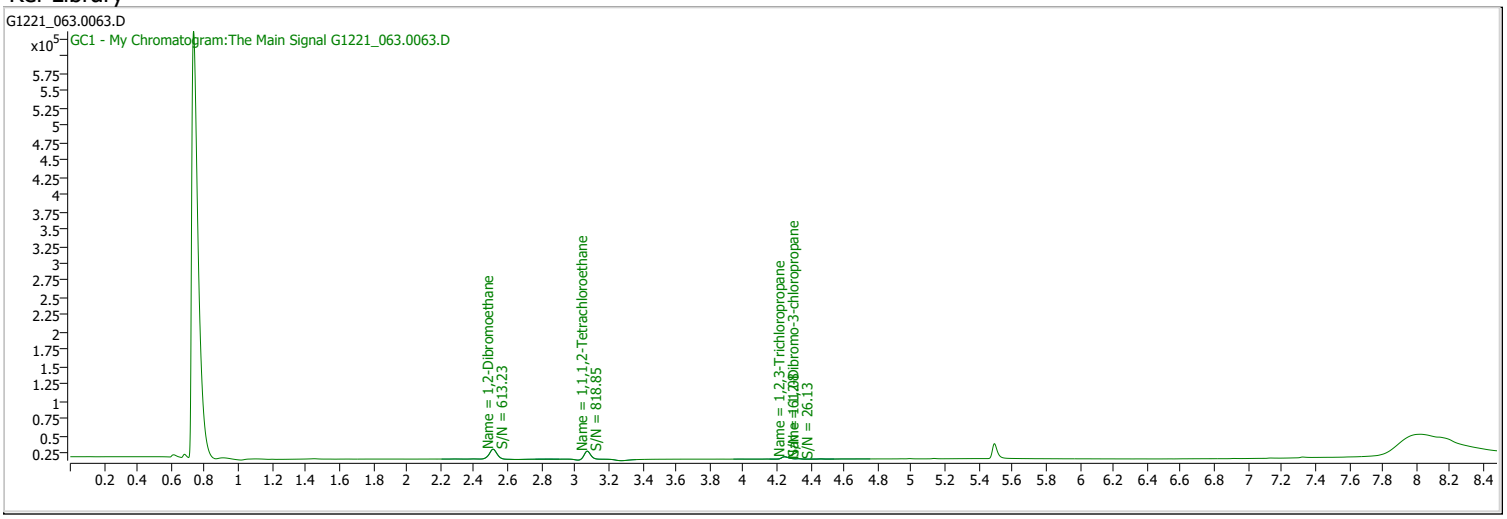






Quantitation Results Report (QT Reviewed)

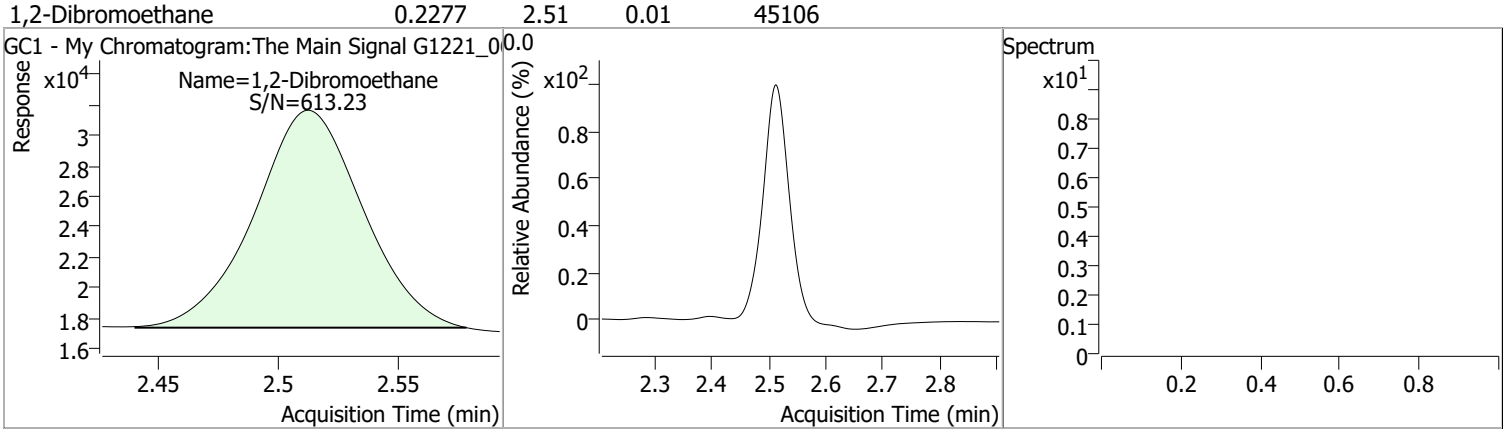
Data File	G1221_063.0063.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 9:29:58 AM
Sample Name	LCS-162394	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			



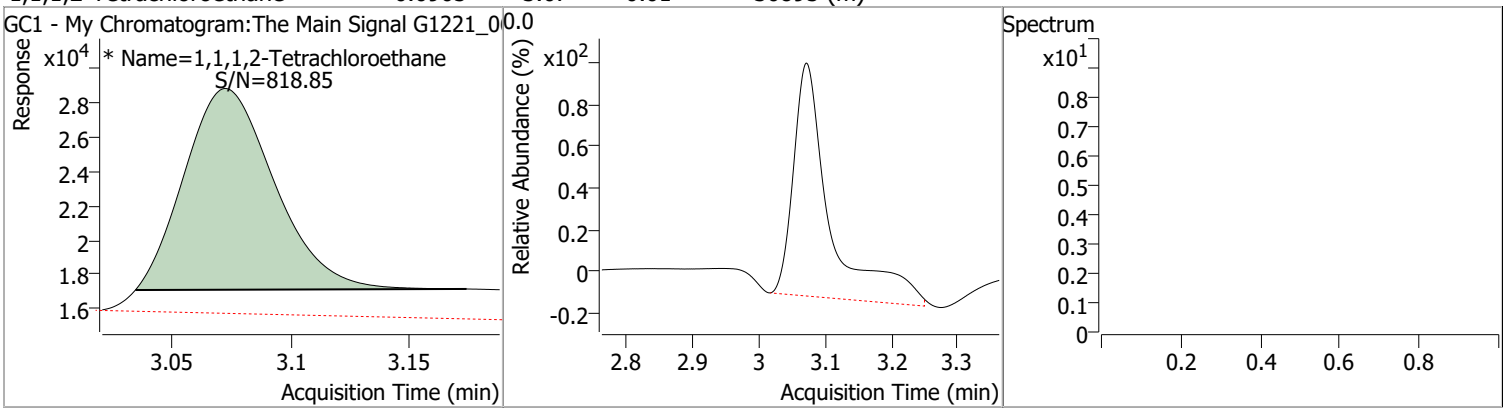
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.072	0.0	30895	0.0905	µg/L	m	0.008
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 90.47%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.513	0.0	45106	0.2277	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	0.2277	2.51	0.01	45106				

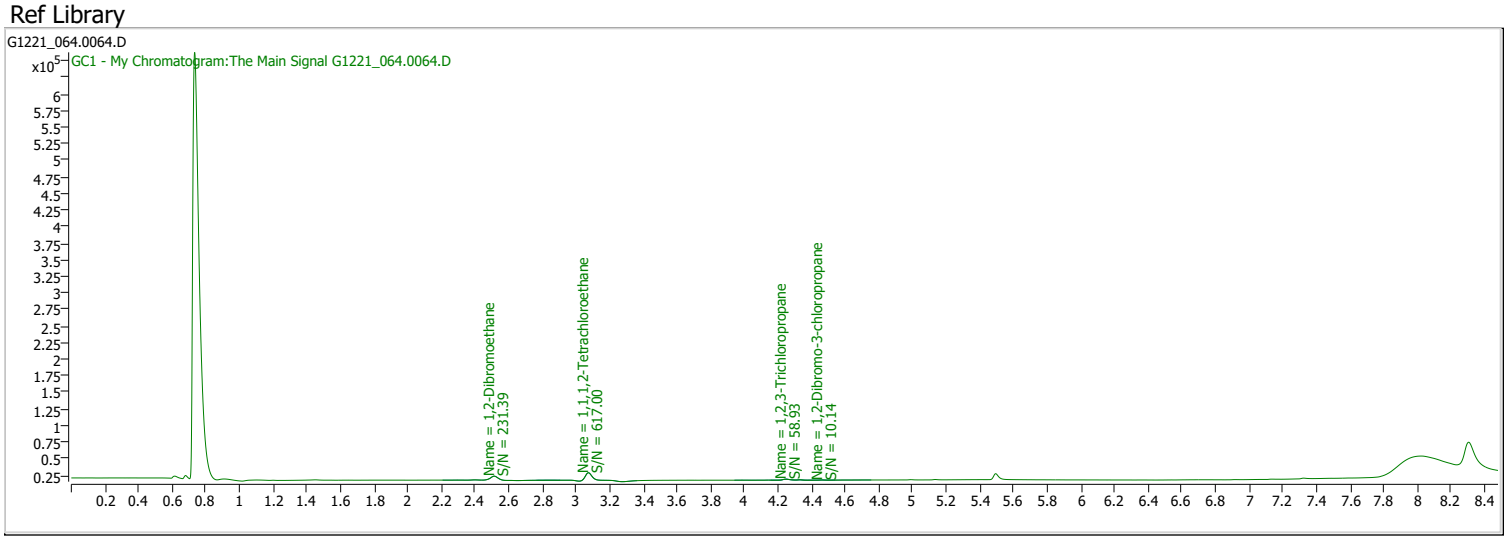


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0905	3.07	0.01	30895 (m)				



Quantitation Results Report (QT Reviewed)

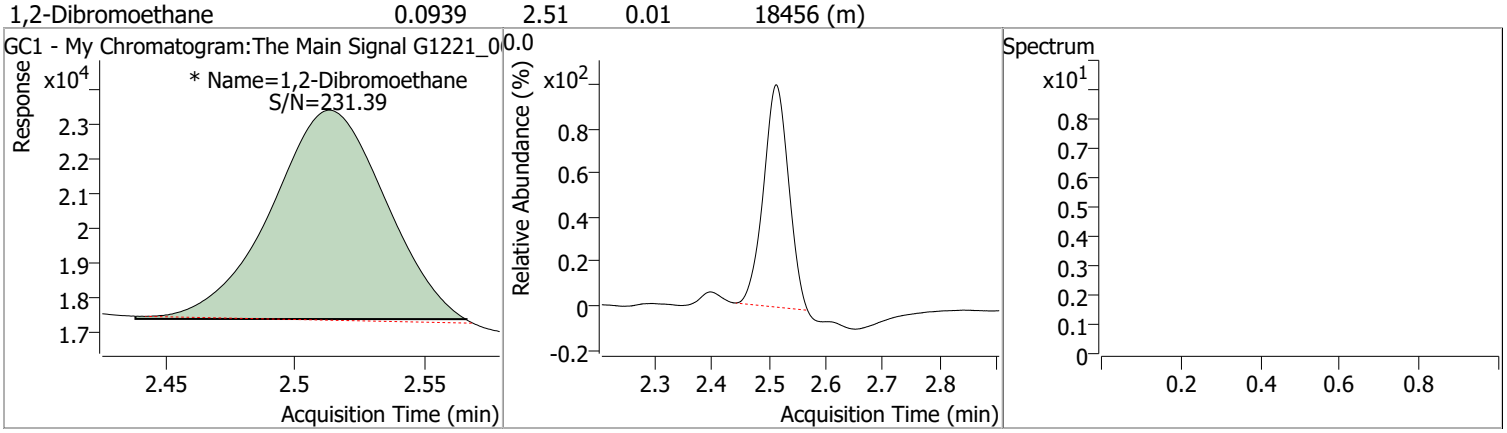
Data File	G1221_064.0064.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 9:49:42 AM
Sample Name	LCS1-162394	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			



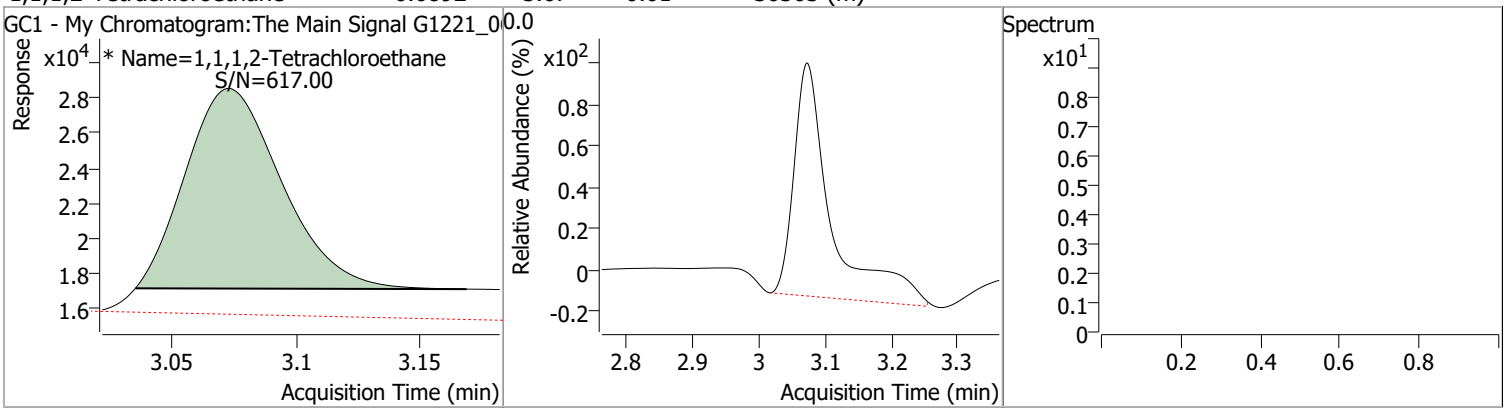
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.073	0.0	30363	0.0892	µg/L	m	0.009
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 89.15%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.513	0.0	18456	0.0939	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	0.0939	2.51	0.01	18456 (m)				

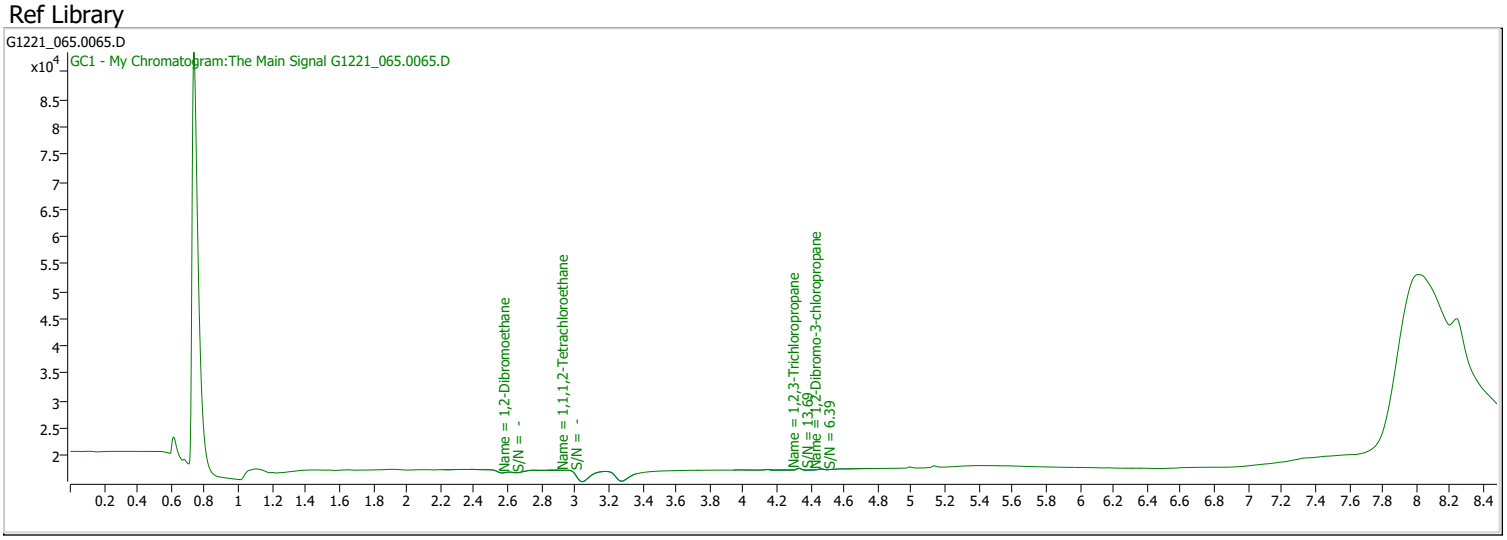


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0892	3.07	0.01	30363 (m)				



Quantitation Results Report (QT Reviewed)

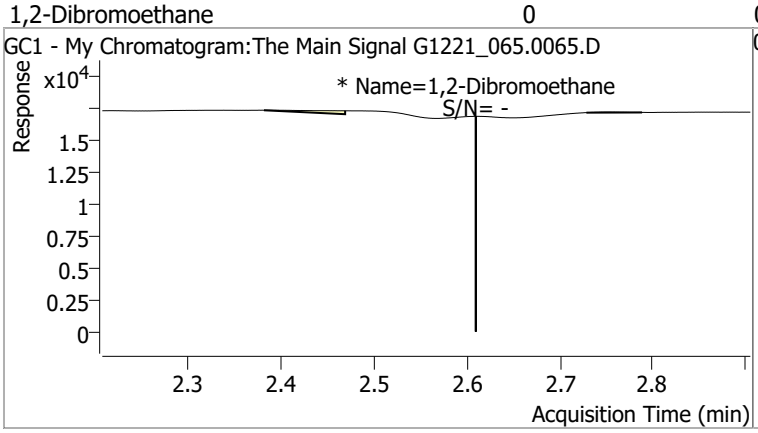
Data File	G1221_065.0065.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 10:09:28 AM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

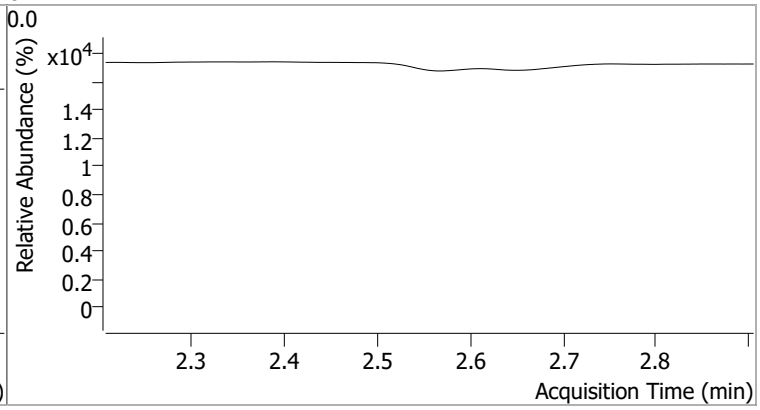


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.956	0.0	0		µg/L	md	-0.108
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.609	0.0	0		µg/L	md	1

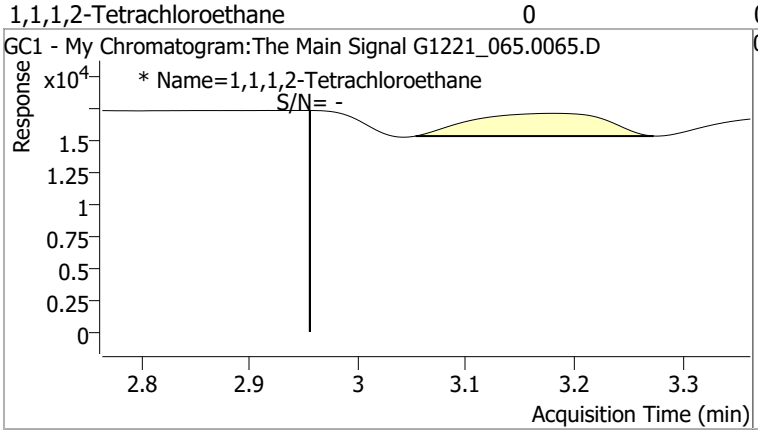
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

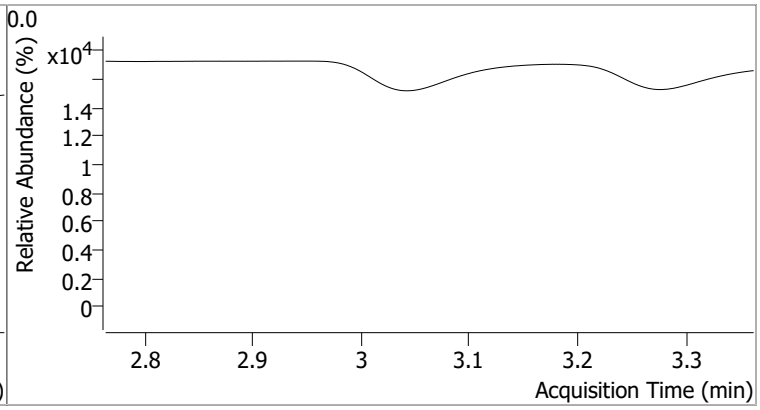
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





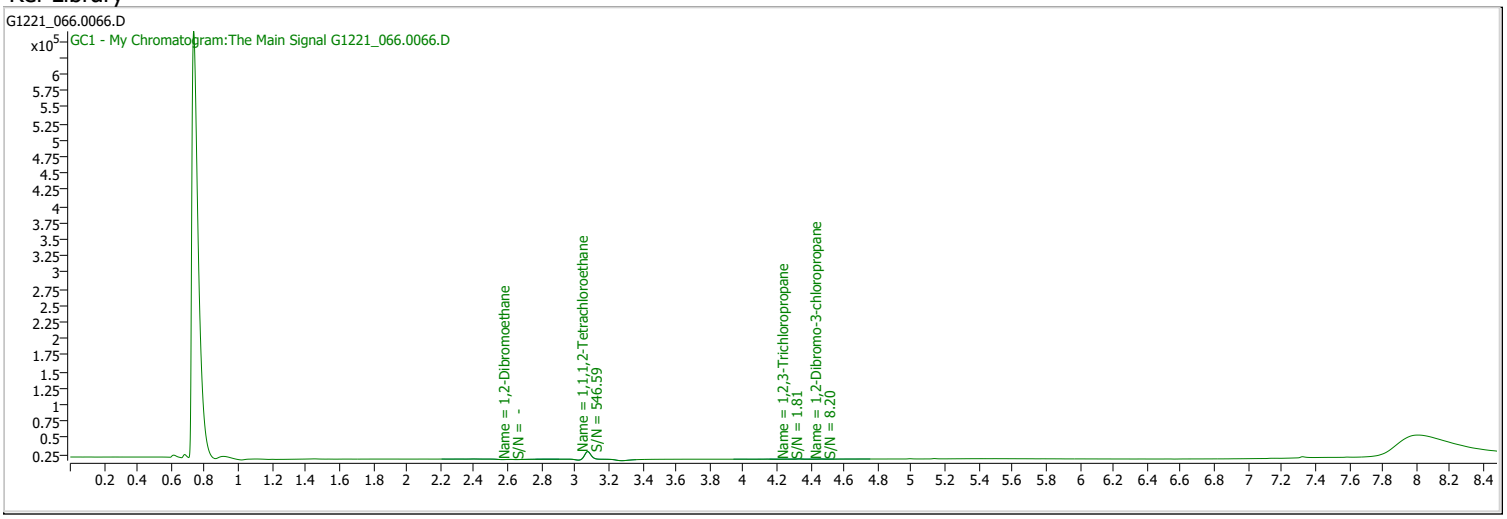
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

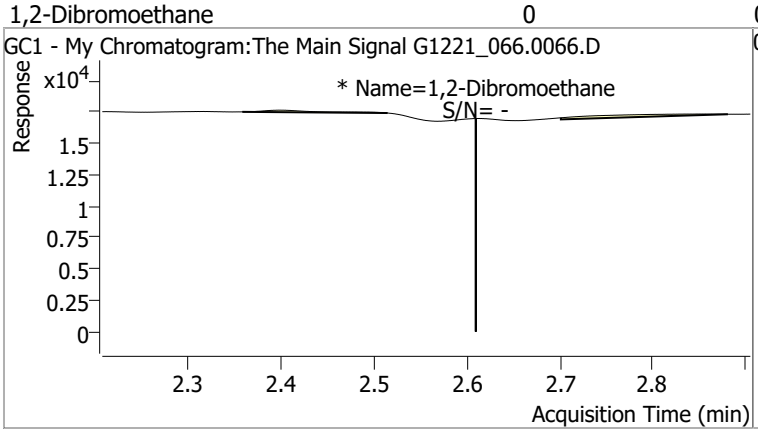
Data File	G1221_066.0066.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 10:29:54 AM
Sample Name	B21010847-030A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

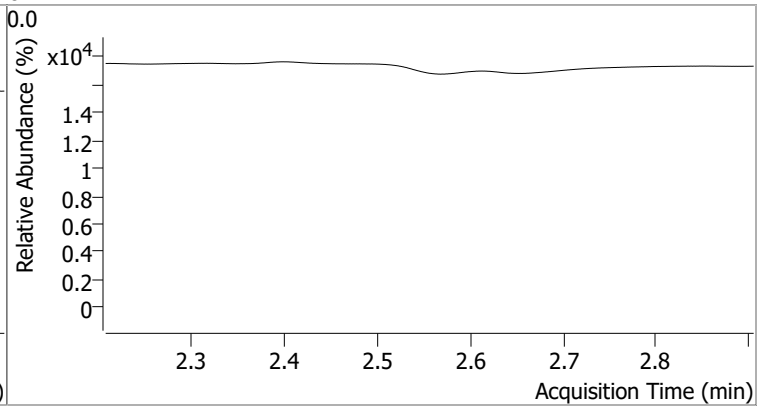


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.075	0.0	30111	0.0885	µg/L		0.012
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 88.53%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.609	0.0	0		µg/L	md	1

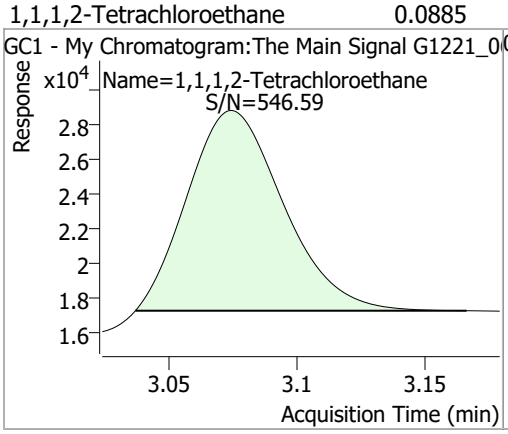
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

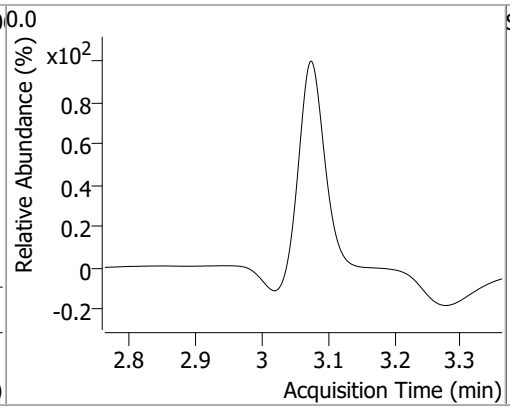
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

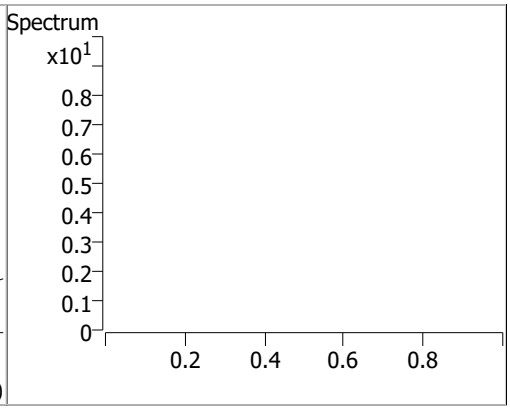




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0885	3.08	0.01	30111				

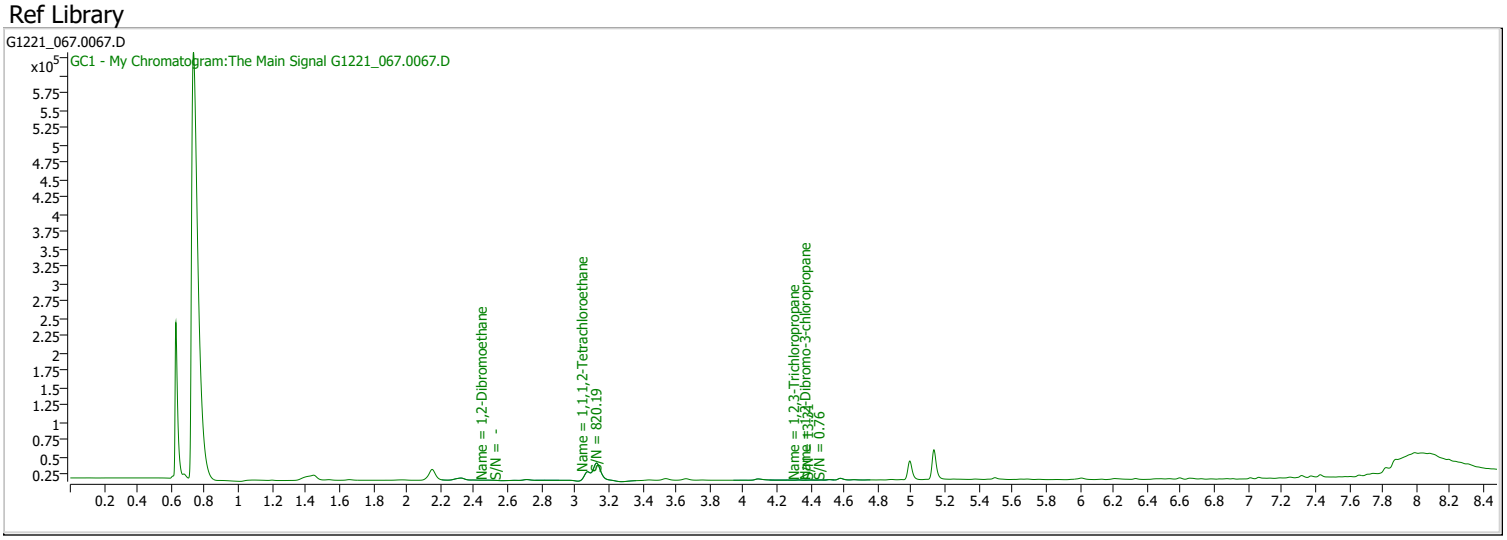






Quantitation Results Report (QT Reviewed)

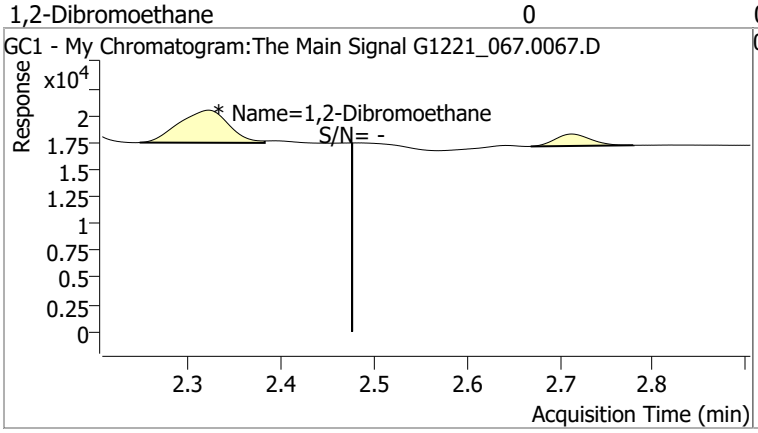
Data File	G1221_067.0067.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 10:49:42 AM
Sample Name	B21121605-001G	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

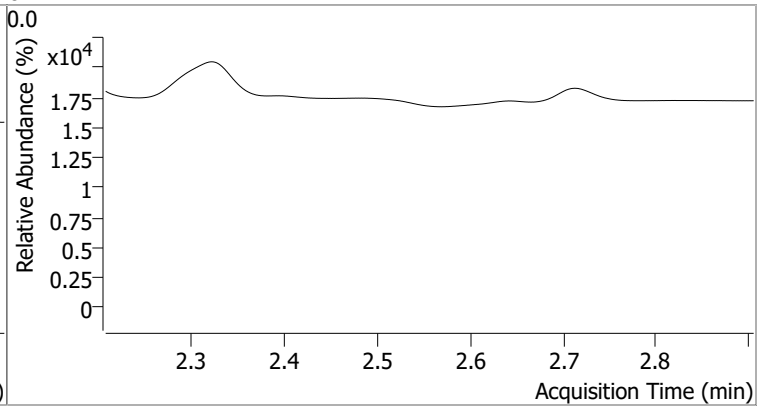


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.074	0.0	27874	0.0830	µg/L	m	0.011
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 82.96%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.476	0.0	0		µg/L	md	1

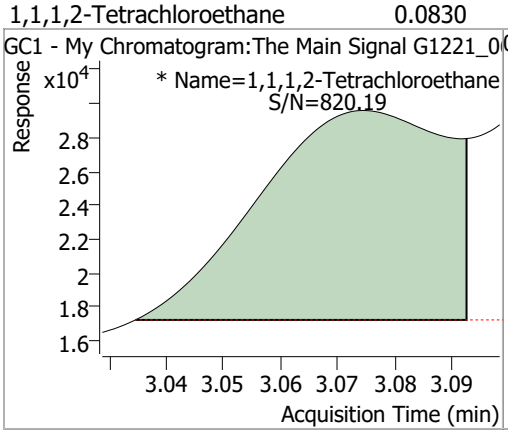
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

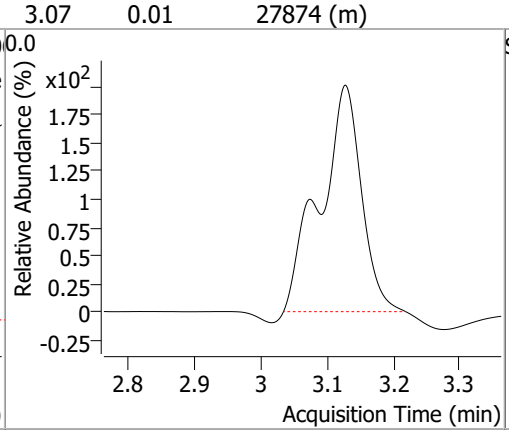
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

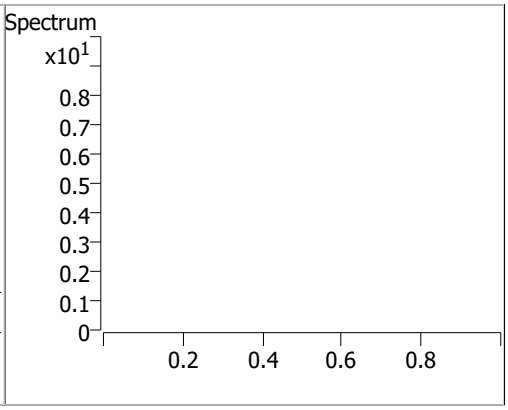




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0830	3.07	0.01	27874 (m)				



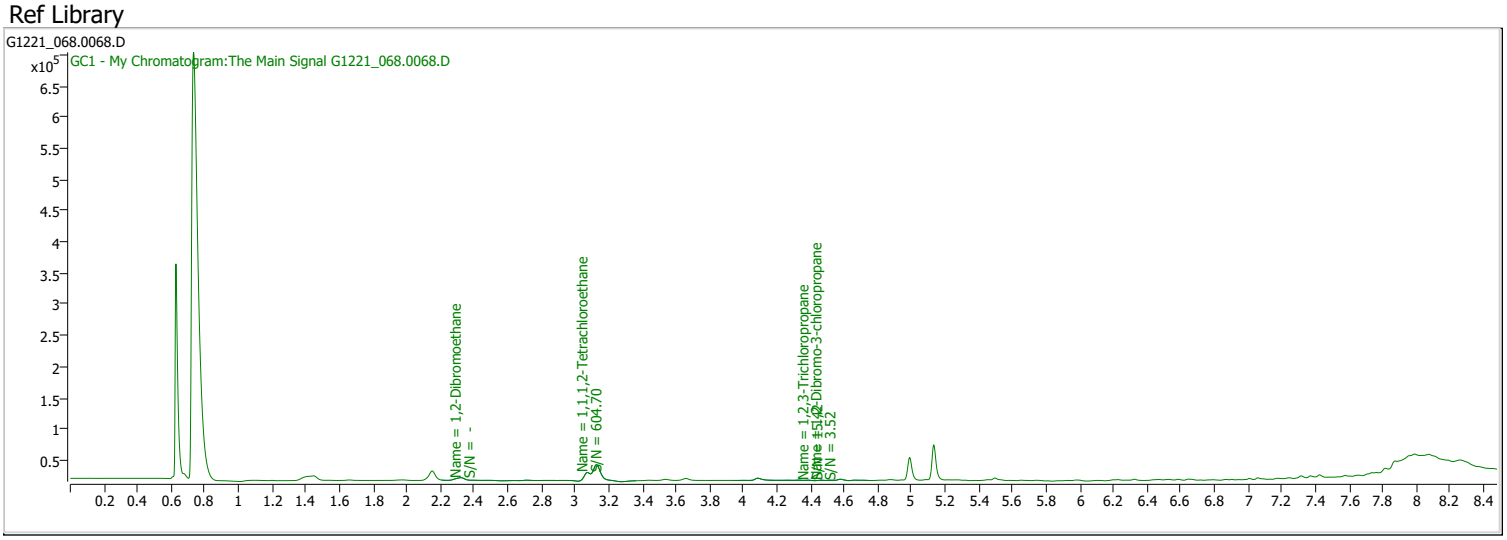




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

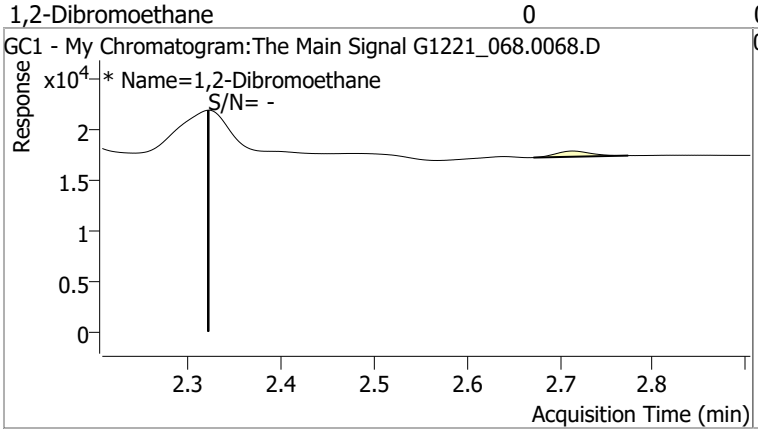
Data File	G1221_068.0068.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 11:09:23 AM
Sample Name	B21121605-002G	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

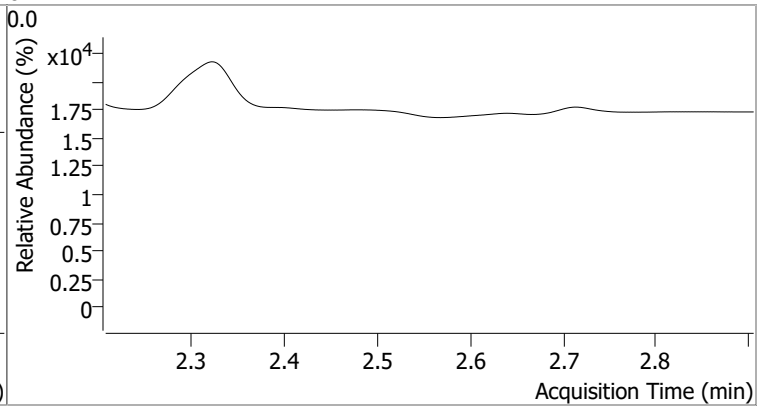


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.073	0.0	28782	0.0852	µg/L		0.010
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 85.22%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.321	0.0	0		µg/L	md	1

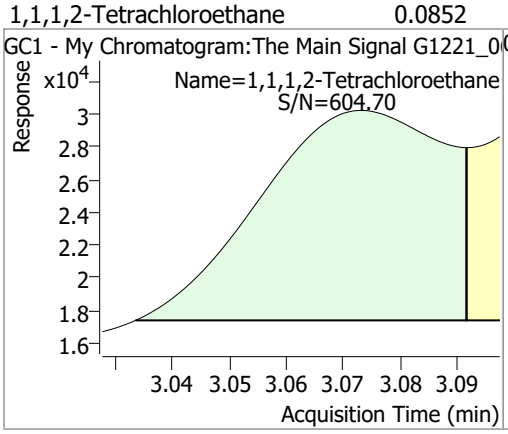
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

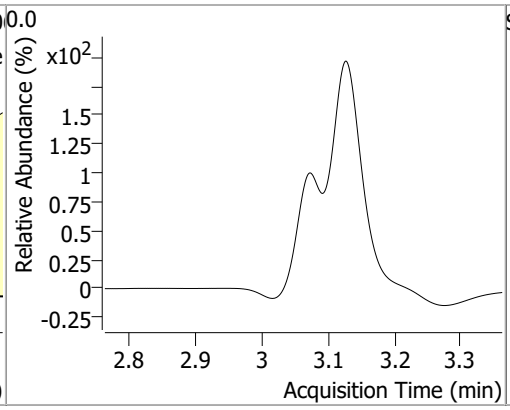
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

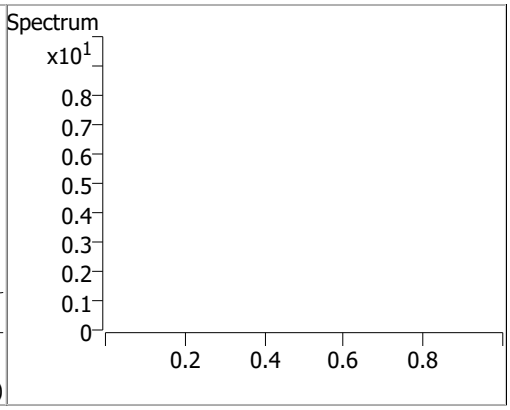




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0852	3.07	0.01	28782				

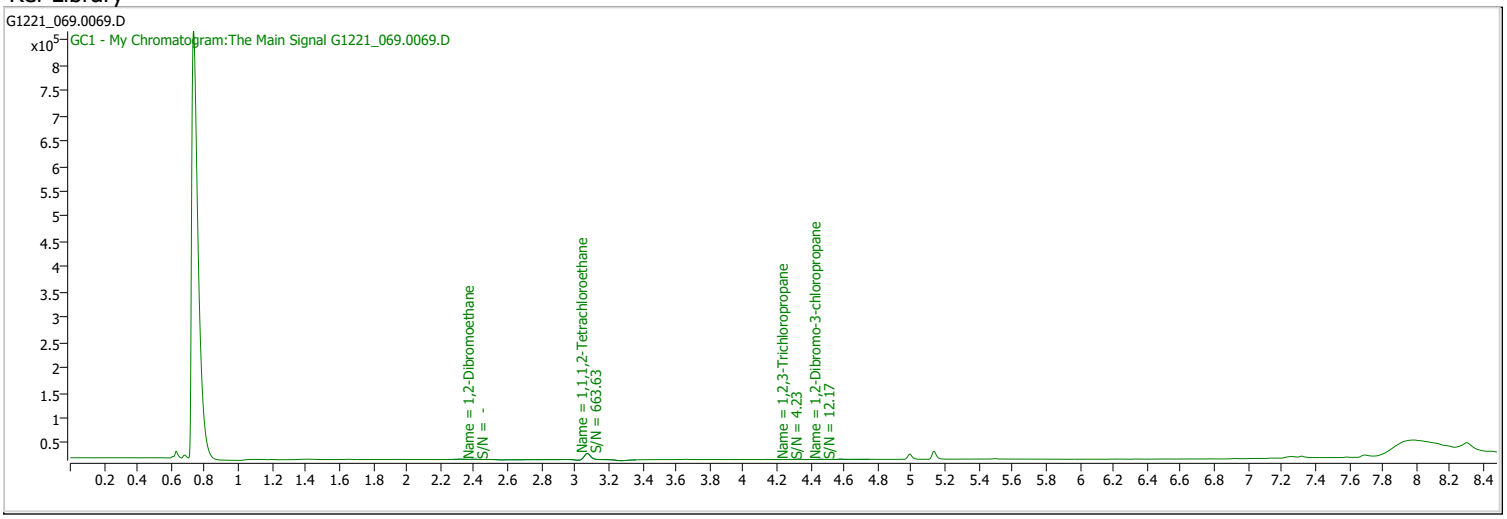






Quantitation Results Report (QT Reviewed)

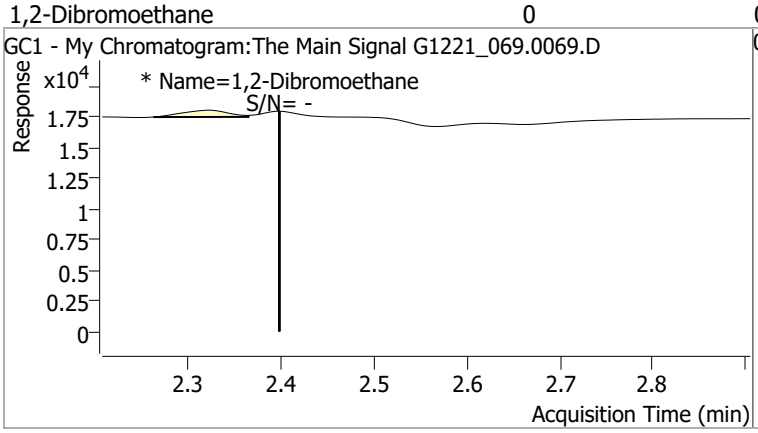
Data File	G1221_069.0069.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 11:29:14 AM
Sample Name	B21121605-006A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

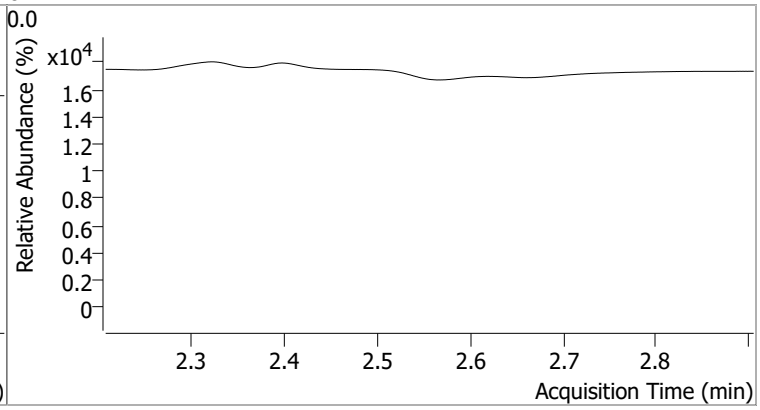


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.073	0.0	31538	0.0921	µg/L	m	0.009
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 92.07%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.398	0.0	0		µg/L	md	1

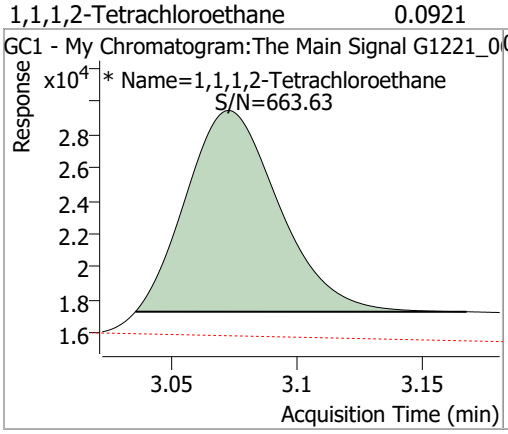
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

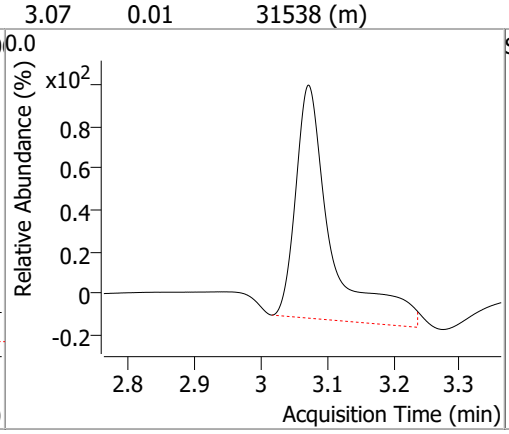
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

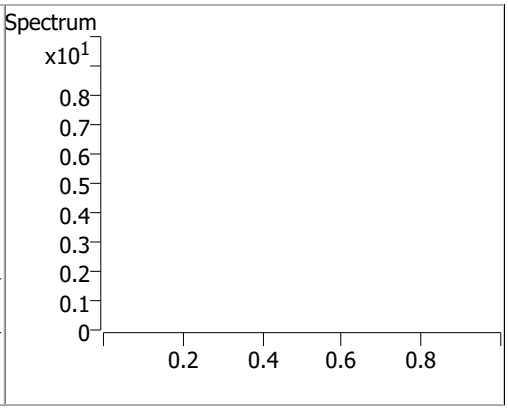




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0921	3.07	0.01	31538 (m)				

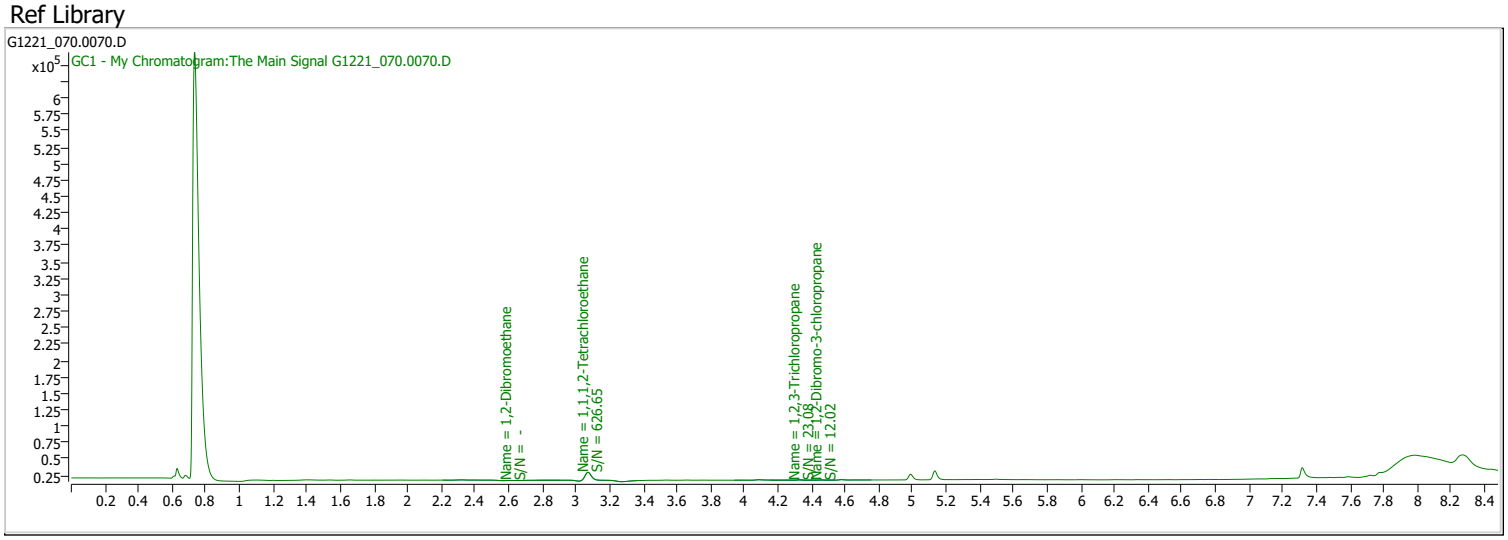






Quantitation Results Report (QT Reviewed)

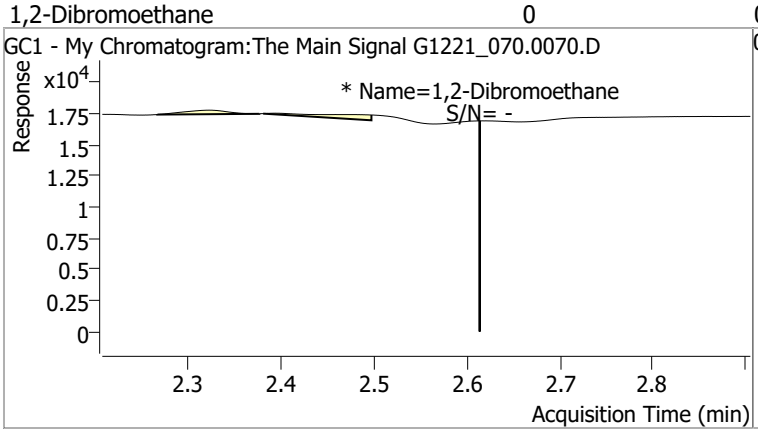
Data File	G1221_070.0070.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 11:49:09 AM
Sample Name	B21121613-002E	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

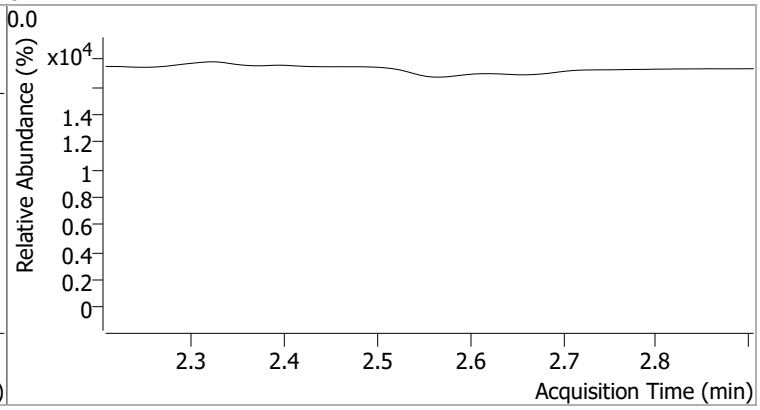


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.071	0.0	32111	0.0935	µg/L	m	0.007
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 93.49%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.613	0.0	0		µg/L	md	1

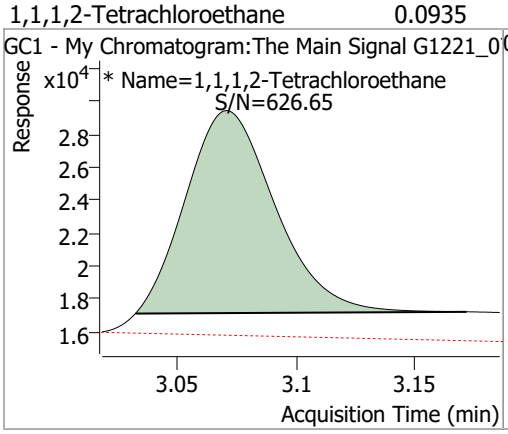
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

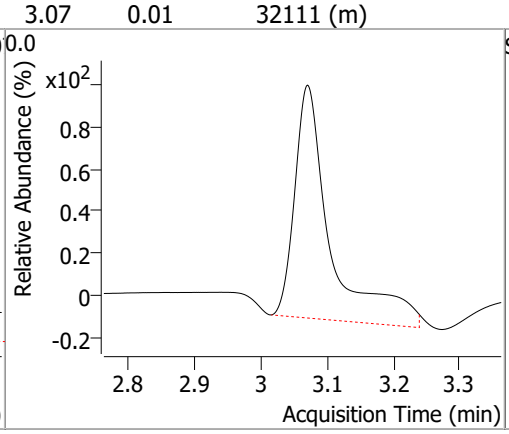
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

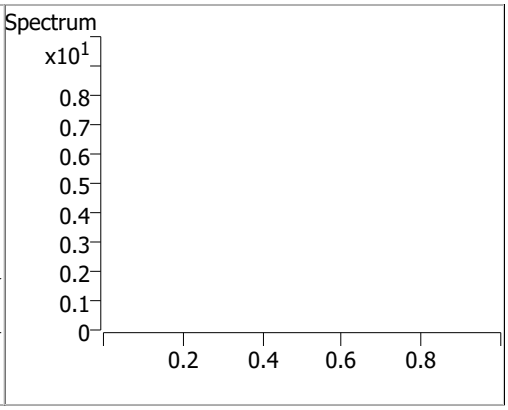




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0935	3.07	0.01	32111 (m)				

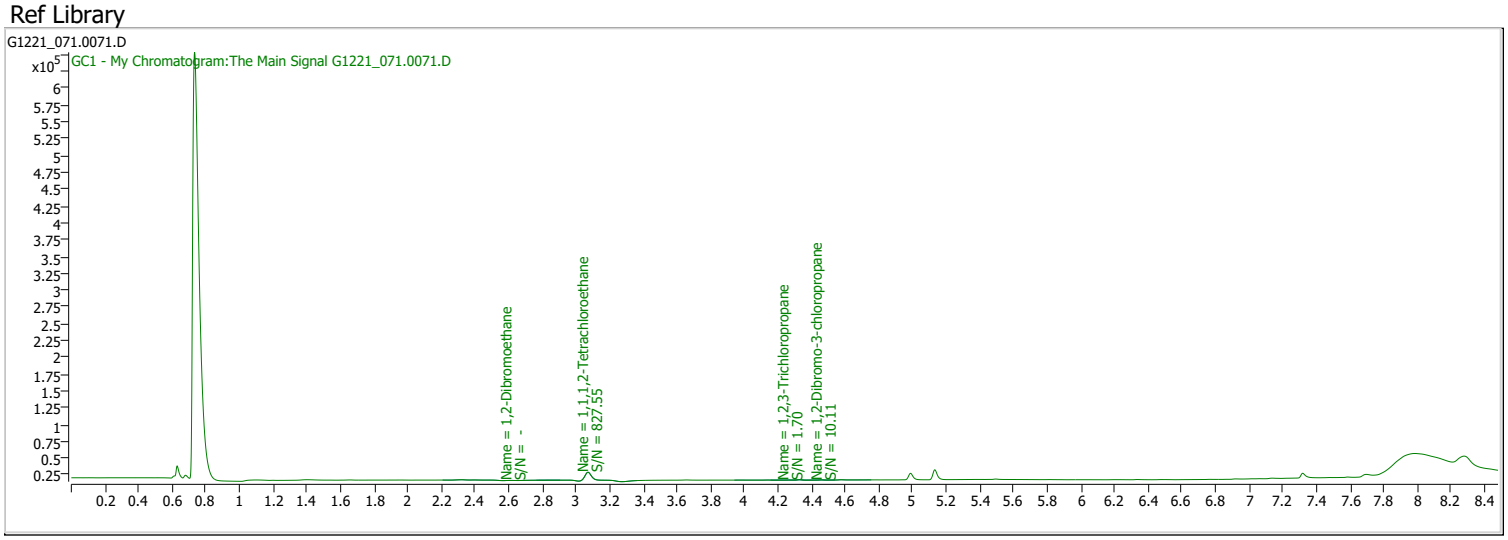






Quantitation Results Report (QT Reviewed)

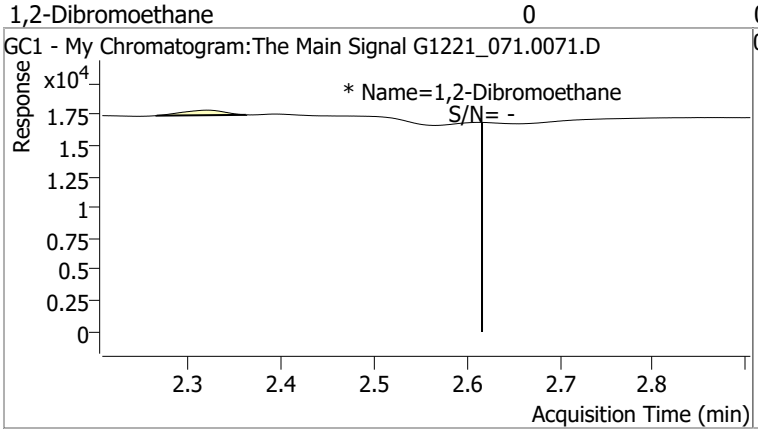
Data File	G1221_071.0071.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 12:08:56 PM
Sample Name	B21121613-005A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

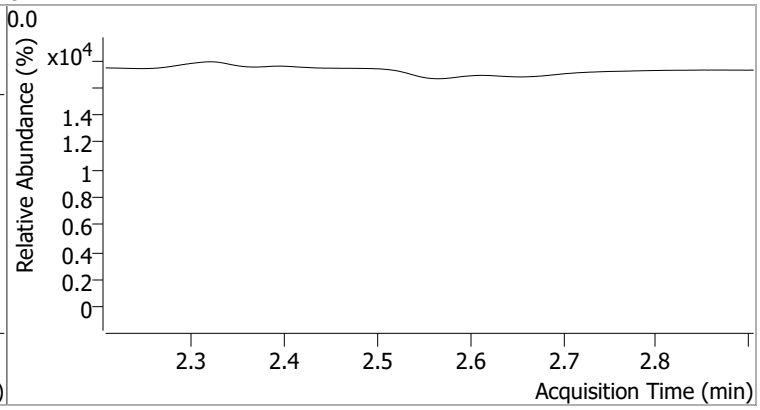


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.071	0.0	30711	0.0900	µg/L	m	0.007
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 90.02%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.616	0.0	0		µg/L	md	1

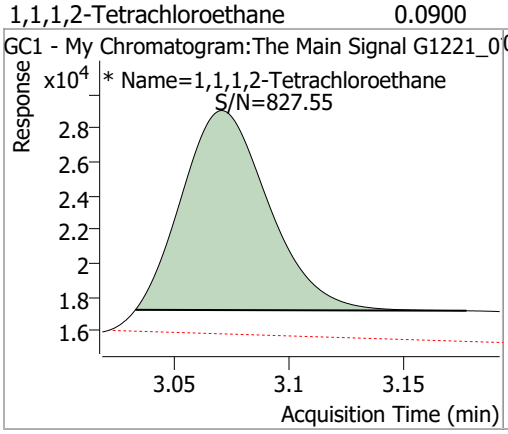
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

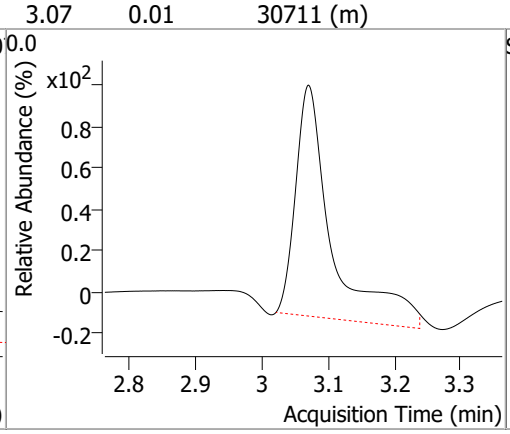
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

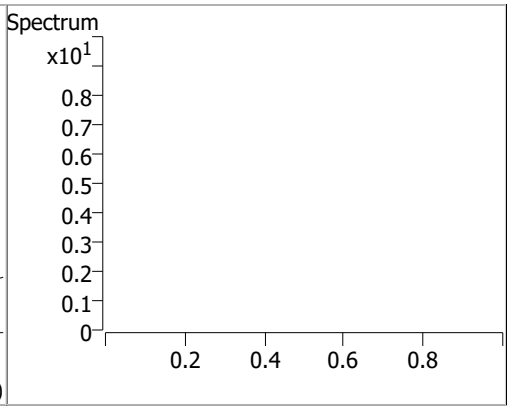




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0900	3.07	0.01	30711 (m)				

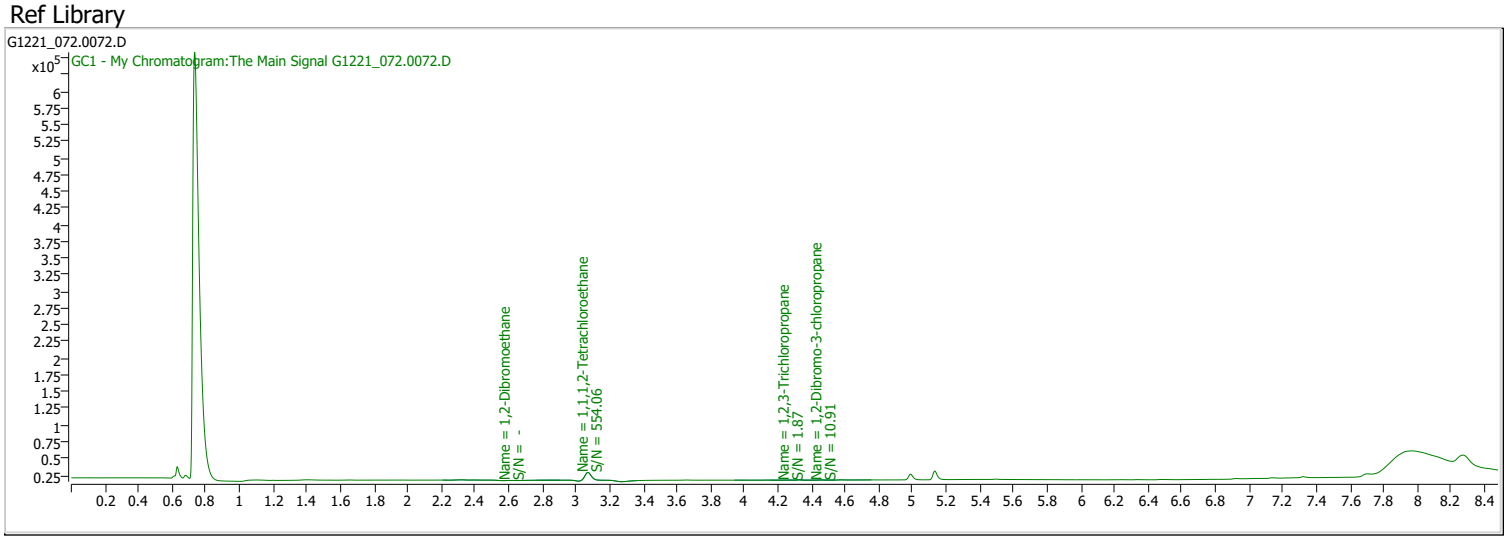






Quantitation Results Report (QT Reviewed)

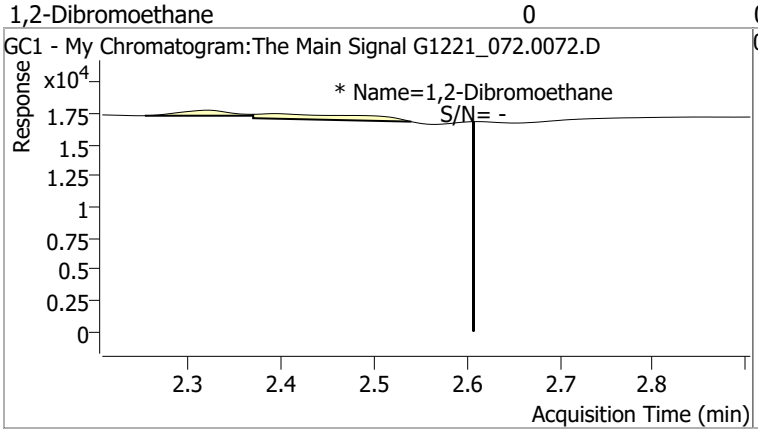
Data File	G1221_072.0072.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 12:29:06 PM
Sample Name	B21121613-009A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

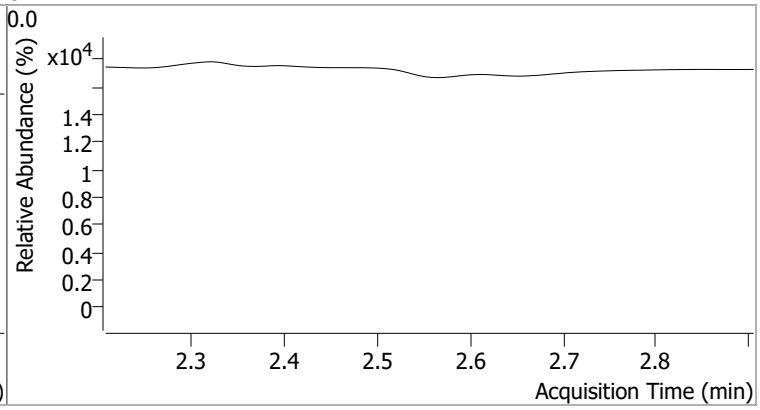


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.070	0.0	31309	0.0915	µg/L	m	0.007
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 91.50%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.607	0.0	0		µg/L	md	1

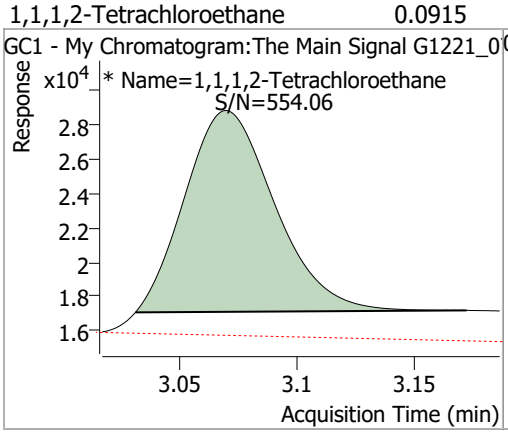
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

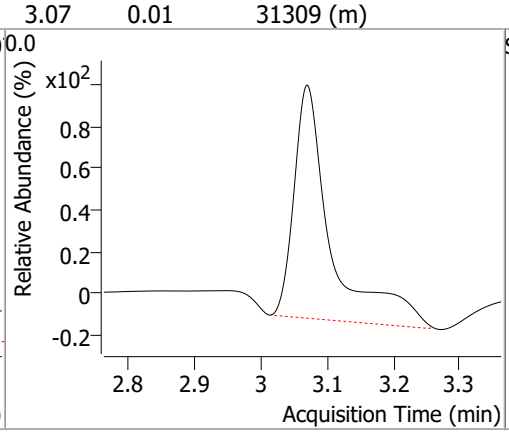
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

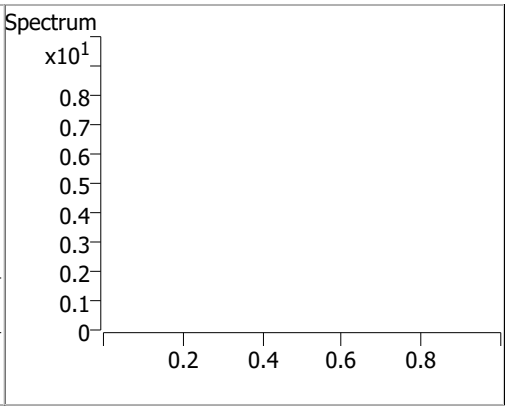




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0915	3.07	0.01	31309 (m)				

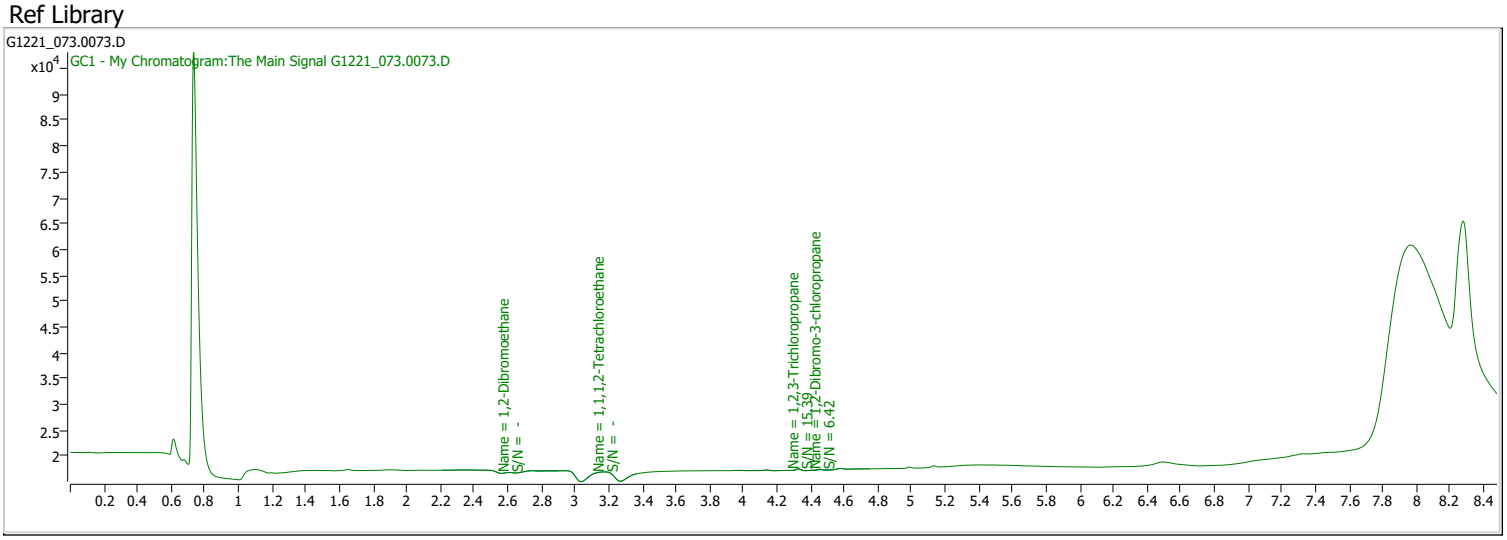






Quantitation Results Report (QT Reviewed)

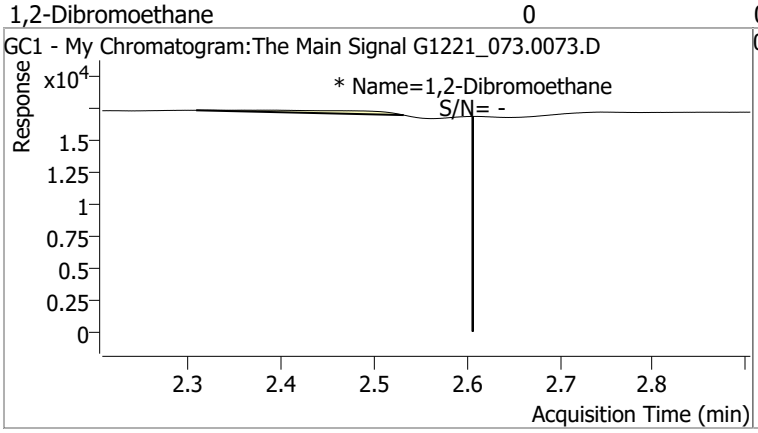
Data File	G1221_073.0073.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 12:49:12 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

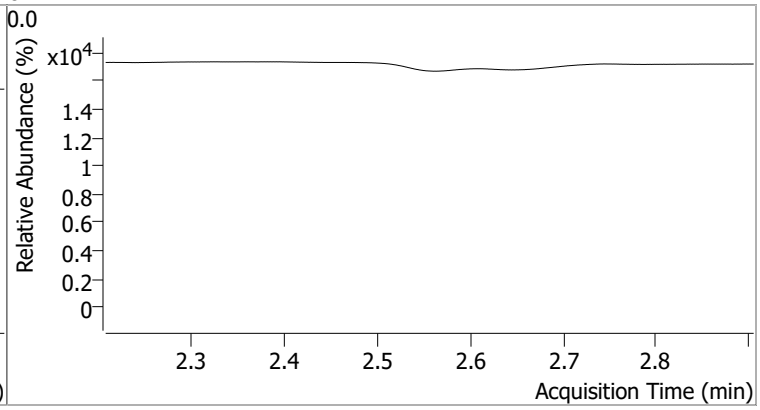


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.172	0.0	0		µg/L	md	0.108
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.606	0.0	0		µg/L	md	1

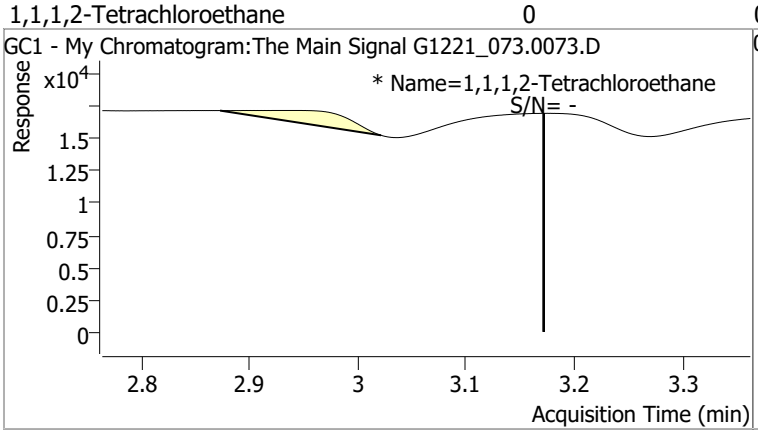
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

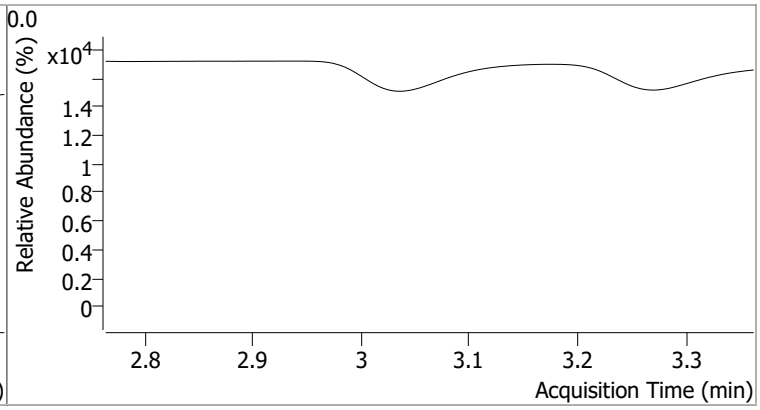
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





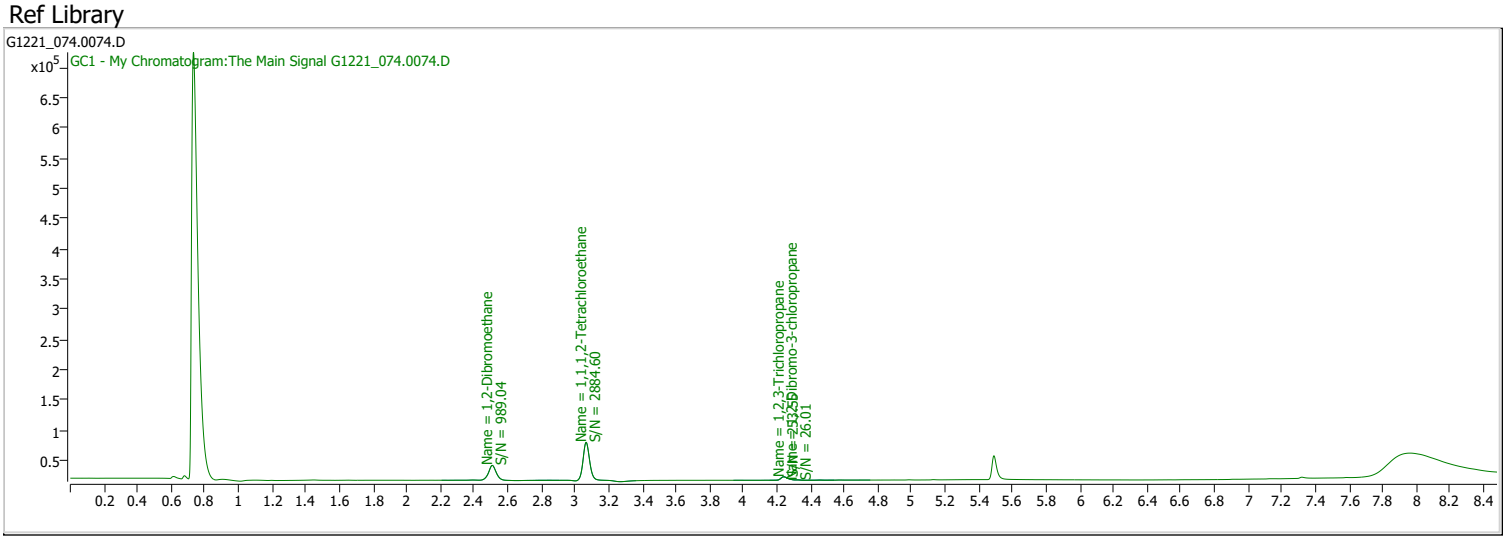
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

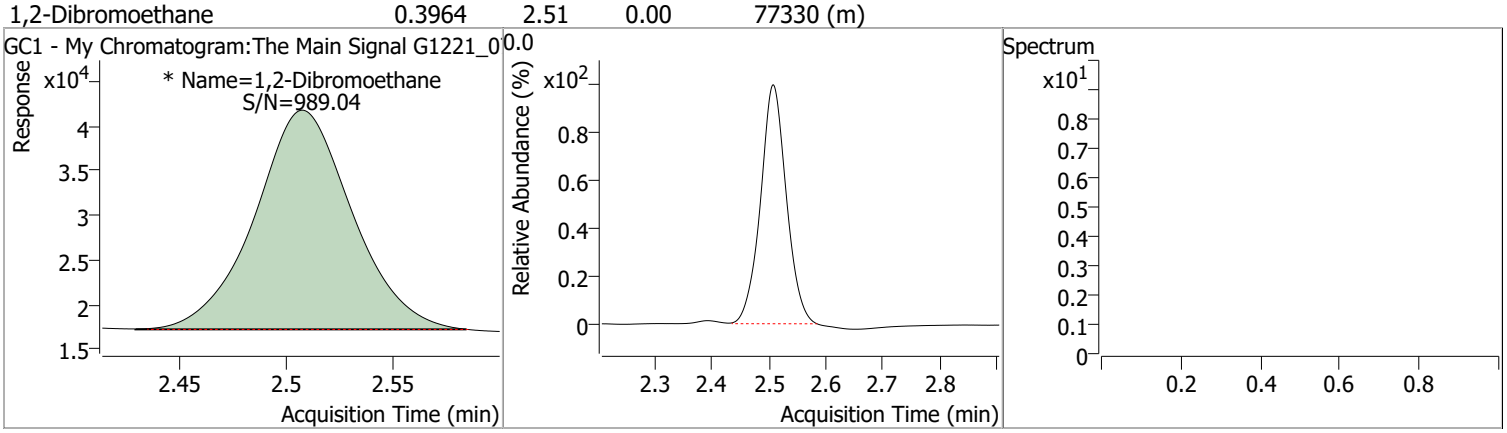
Data File	G1221_074.0074.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 1:09:04 PM
Sample Name	CK5-162394	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			



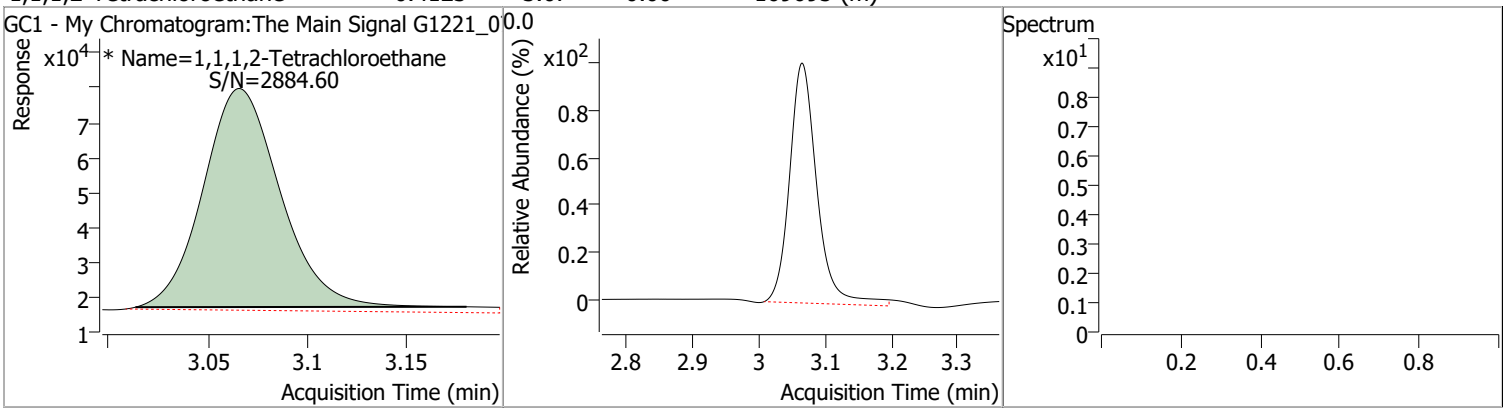
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.066	0.0	169695	0.4123	µg/L	m	0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 412.34%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.508	0.0	77330	0.3964	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	0.3964	2.51	0.00	77330 (m)				

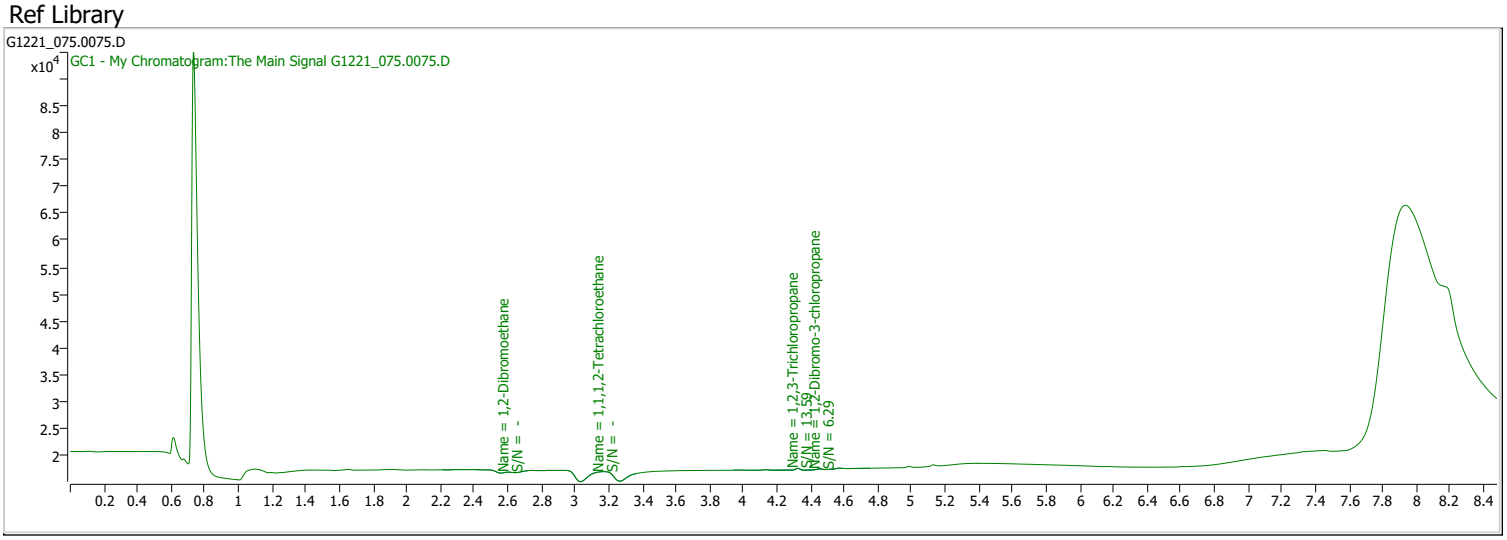


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4123	3.07	0.00	169695 (m)				



Quantitation Results Report (QT Reviewed)

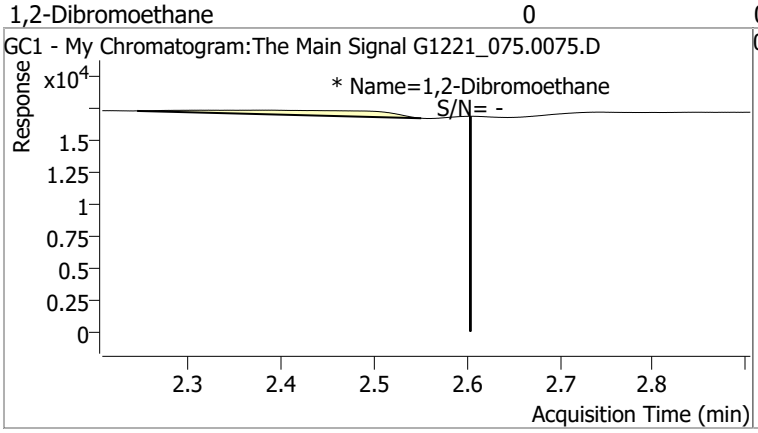
Data File	G1221_075.0075.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 1:29:24 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

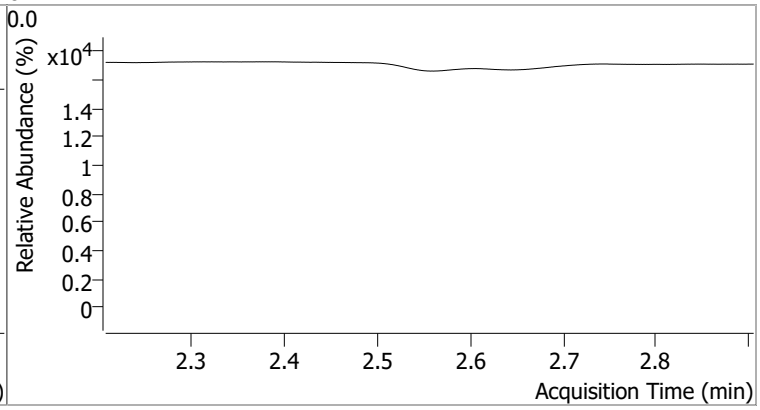


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.168	0.0	0		µg/L	md	0.105
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.603	0.0	0		µg/L	md	1

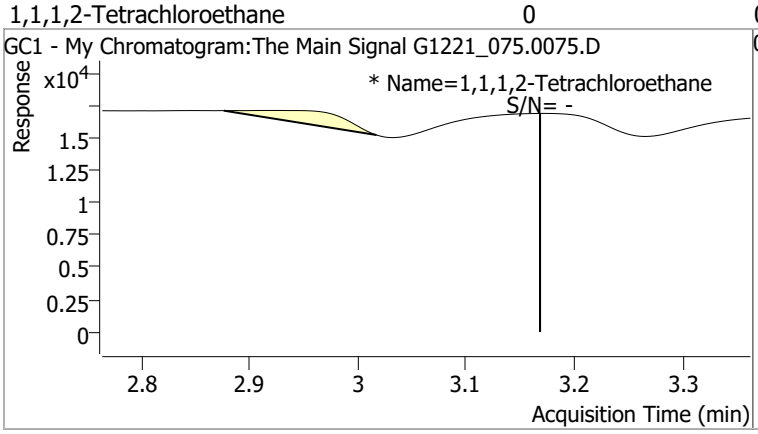
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

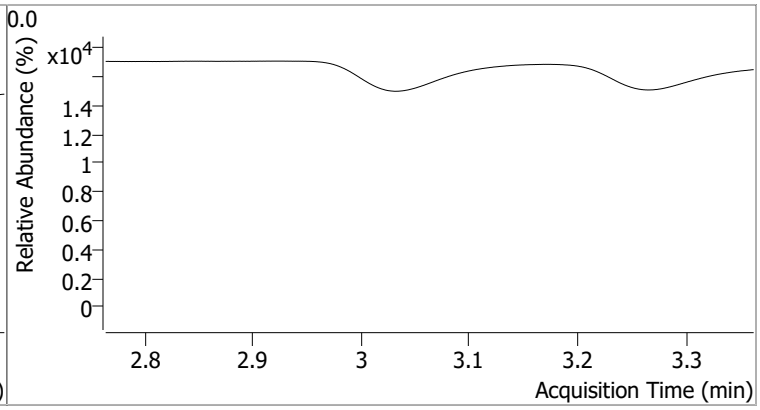
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





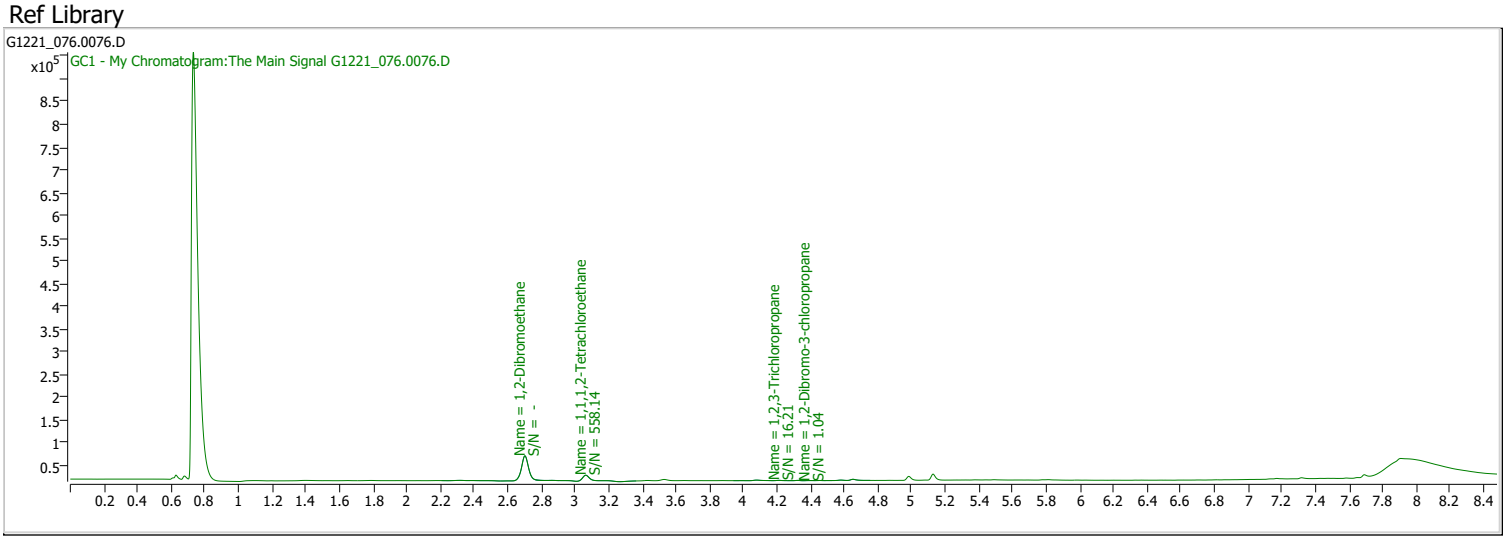
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

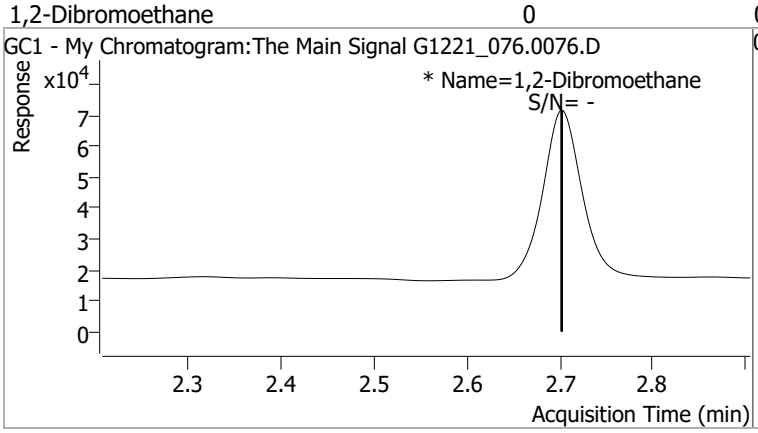
Data File	G1221_076.0076.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 1:49:35 PM
Sample Name	B21121622-001E	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

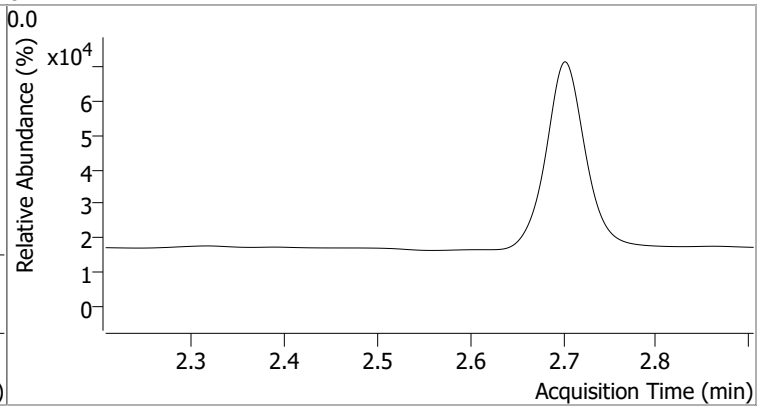


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.063	0.0	30511	0.0895	µg/L		0.000
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 89.52%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.702	0.0	0		µg/L	md	1

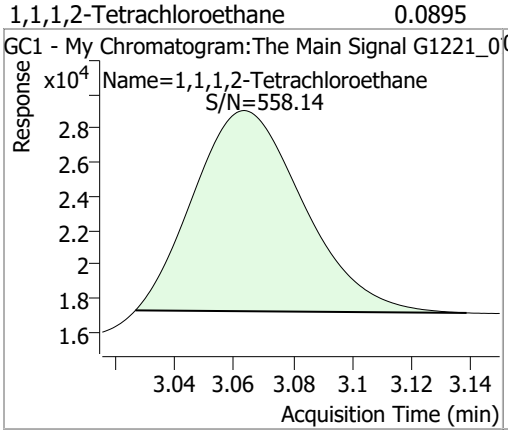
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

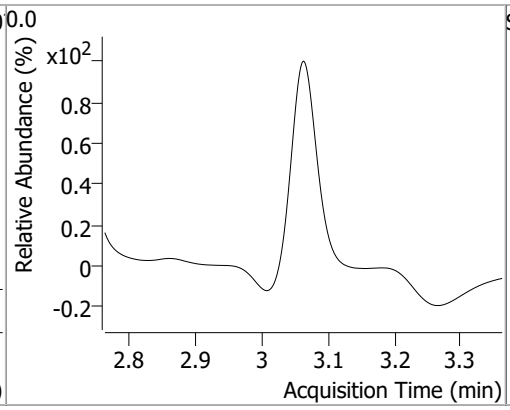
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

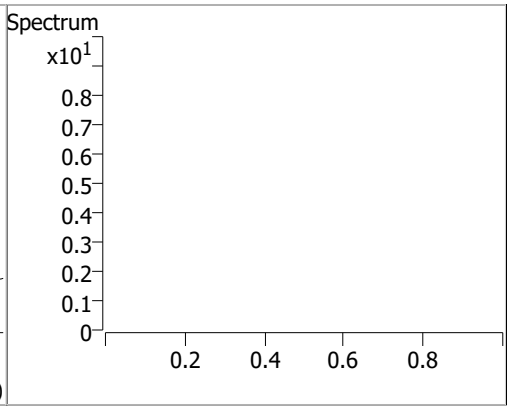




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0895	3.06	0.00	30511				

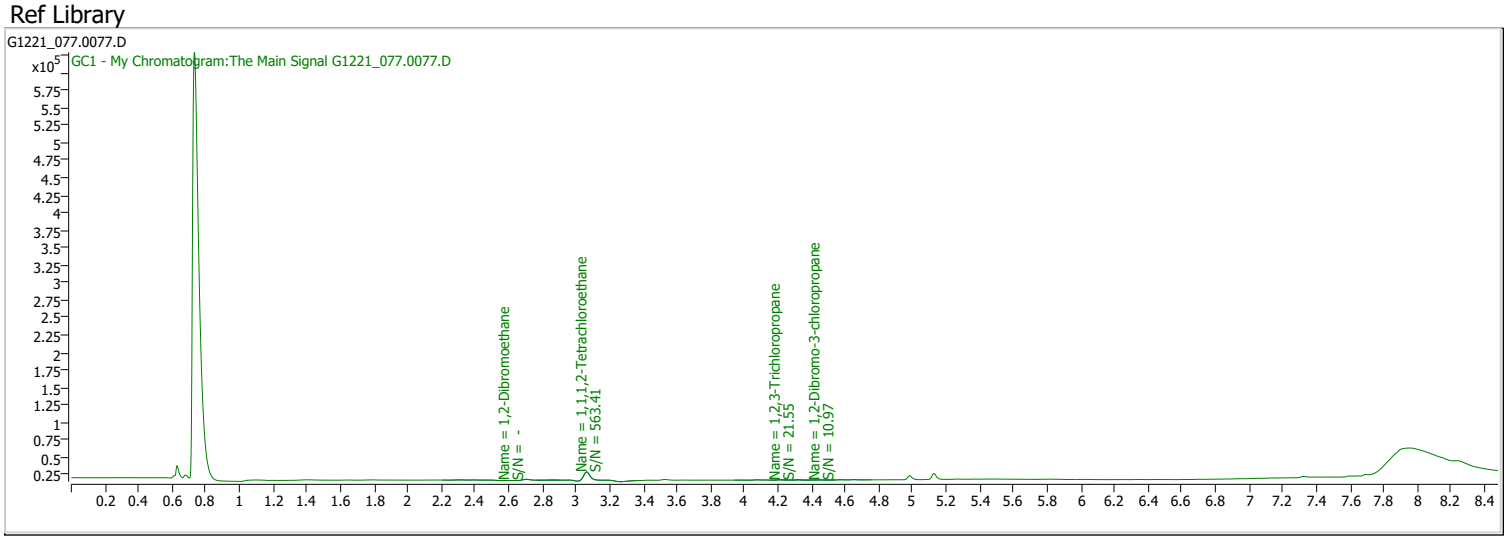






Quantitation Results Report (QT Reviewed)

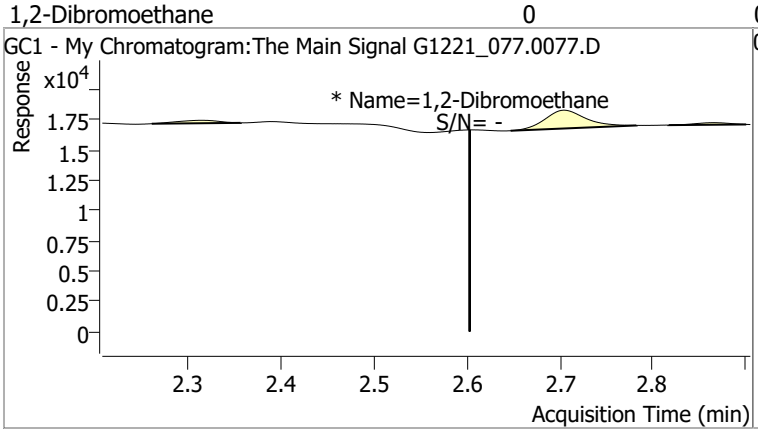
Data File	G1221_077.0077.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 2:09:37 PM
Sample Name	B21121622-002E	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

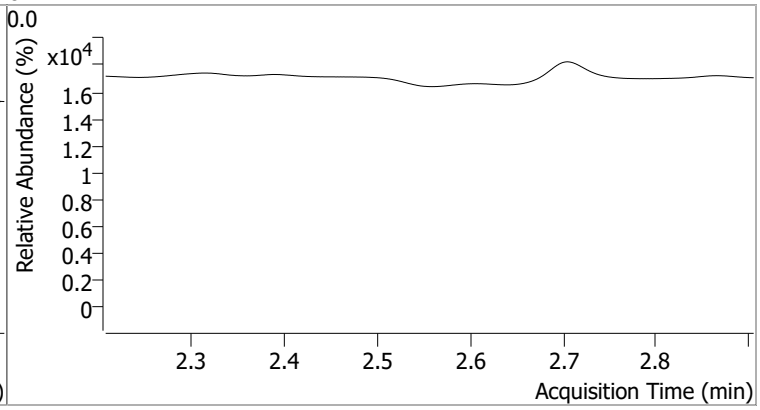


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.063	0.0	30431	0.0893	µg/L	m	-0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 89.32%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.603	0.0	0		µg/L	md	1

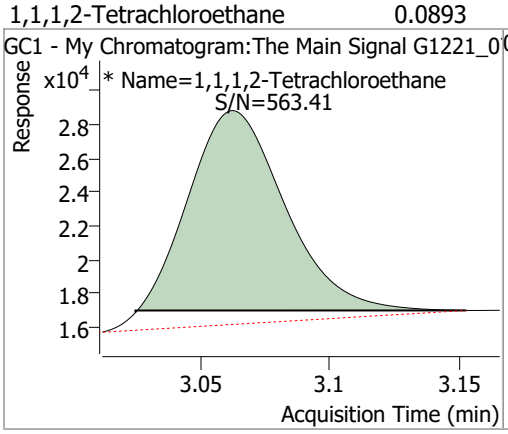
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

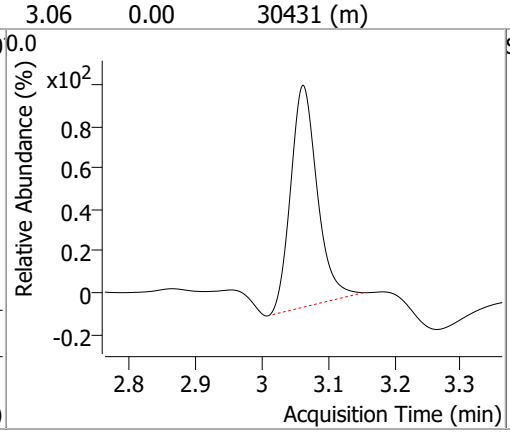
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

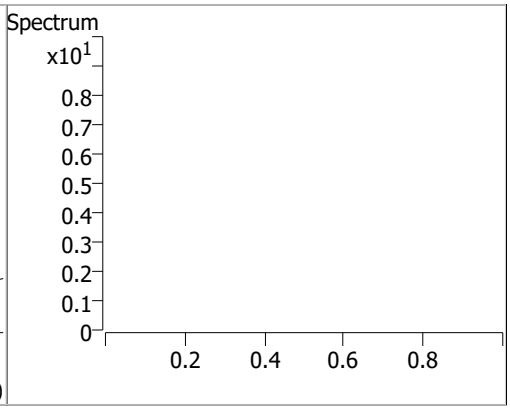




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0893	3.06	0.00	30431 (m)				

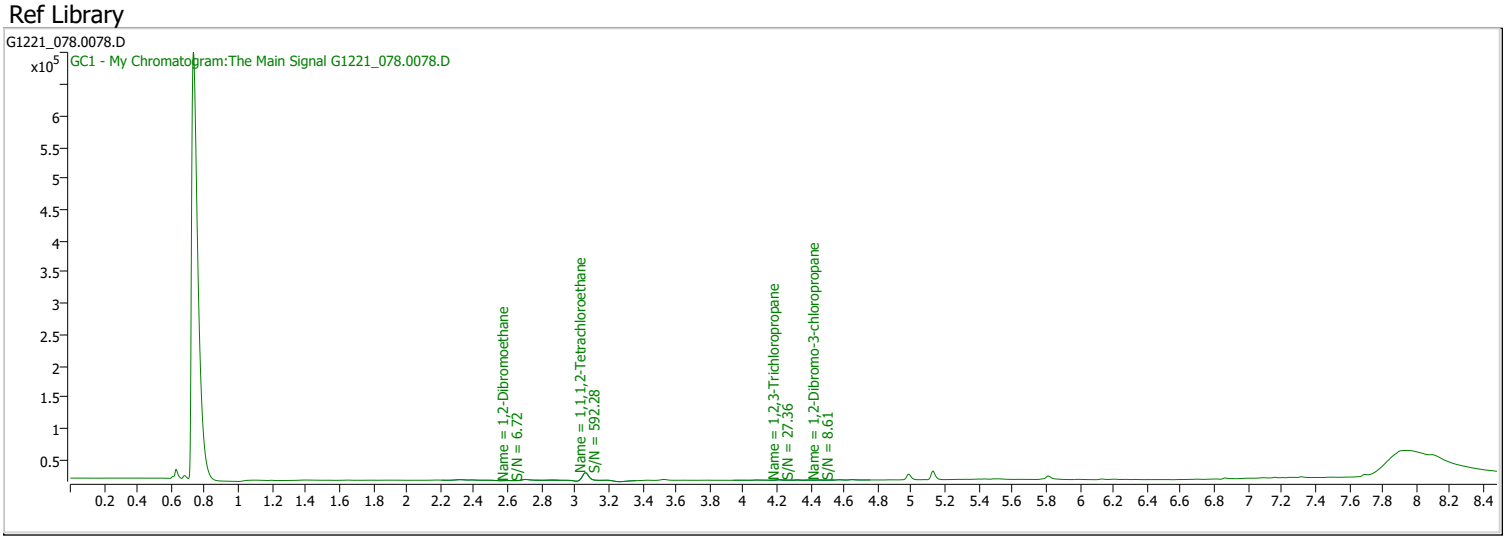






Quantitation Results Report (QT Reviewed)

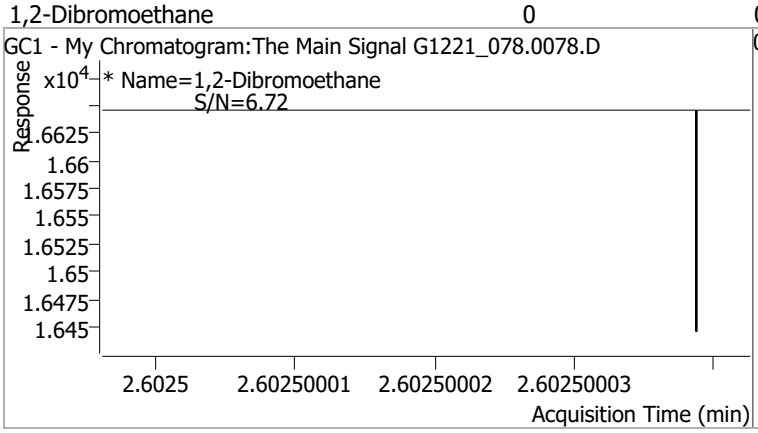
Data File	G1221_078.0078.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 2:29:57 PM
Sample Name	B21121622-003E	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

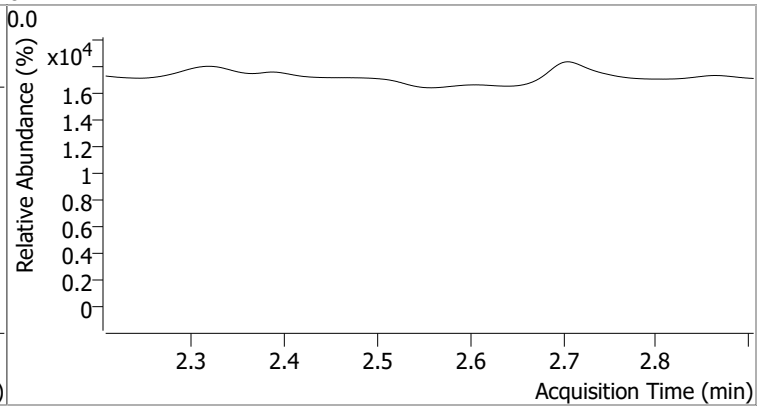


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.062	0.0	31159	0.0911	µg/L	m	-0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 91.13%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.603	0.0	0		µg/L	md	1

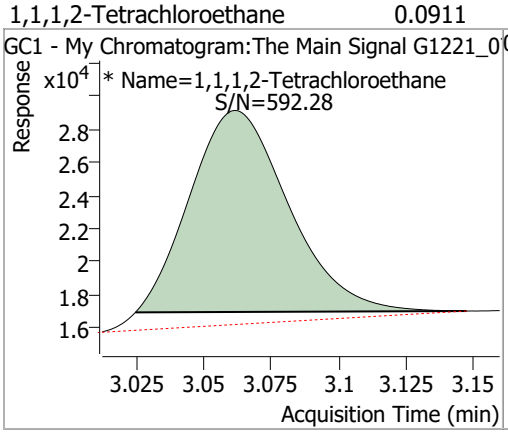
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

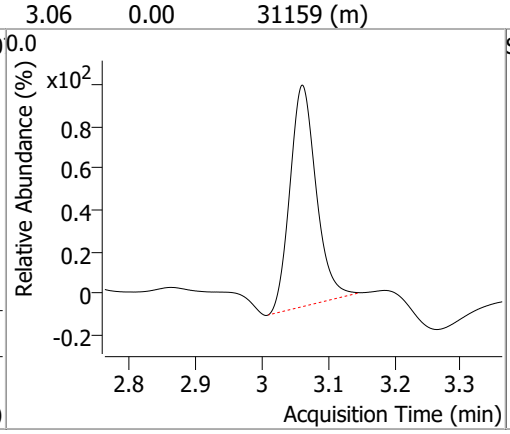
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

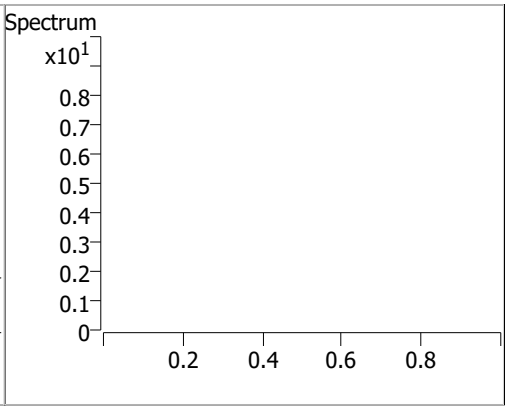




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0911	3.06	0.00	31159 (m)				

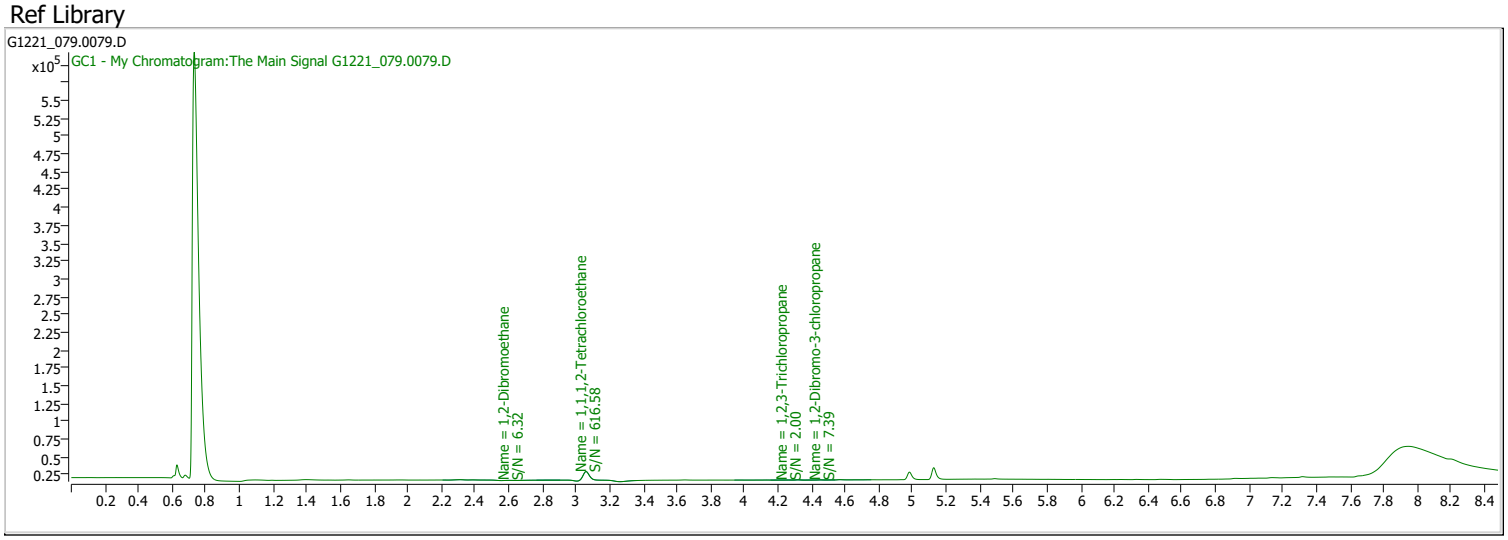






Quantitation Results Report (QT Reviewed)

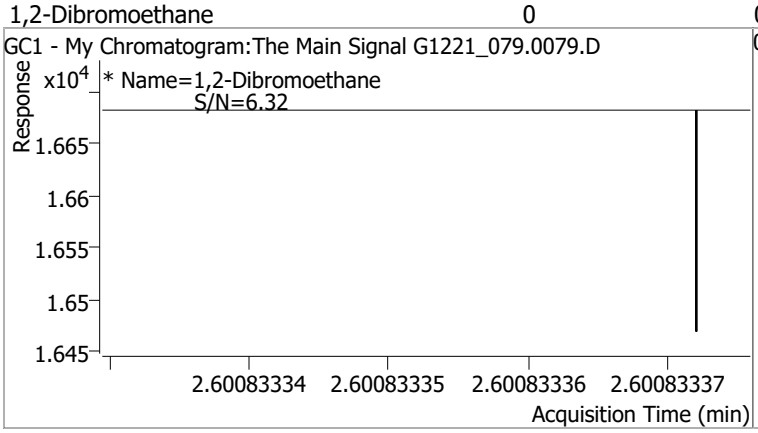
Data File	G1221_079.0079.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 2:49:55 PM
Sample Name	B21121622-006A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

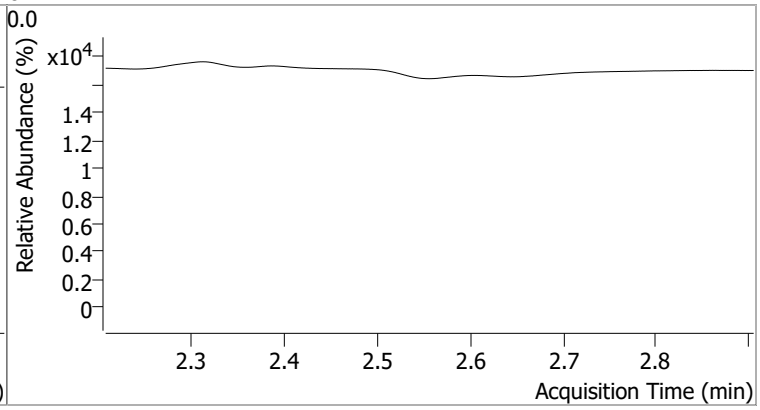


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.059	0.0	31167	0.0912	µg/L	m	-0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 91.15%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.601	0.0	0		µg/L	md	1

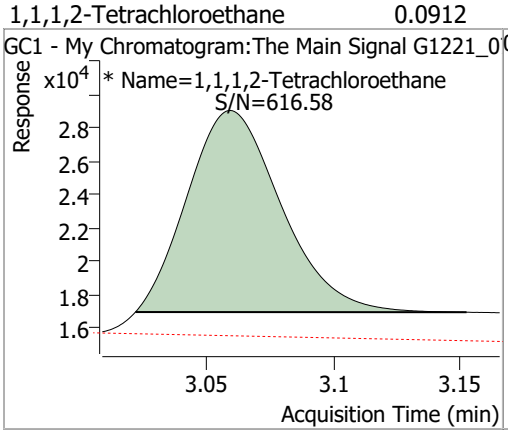
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

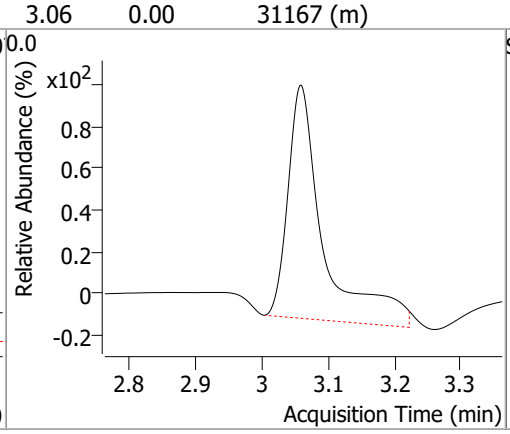
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

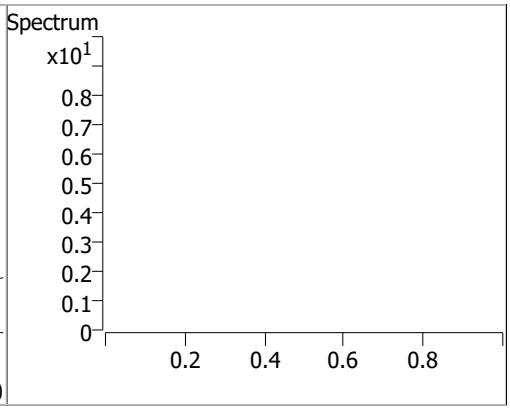




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0912	3.06	0.00	31167 (m)				

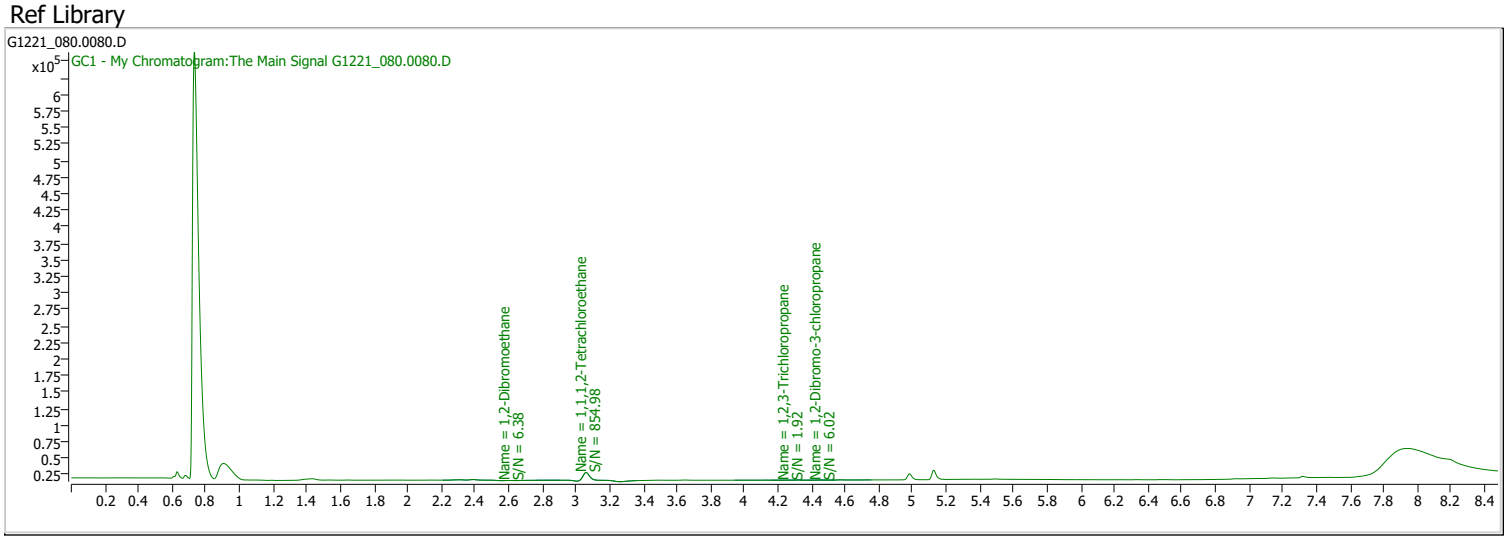






Quantitation Results Report (QT Reviewed)

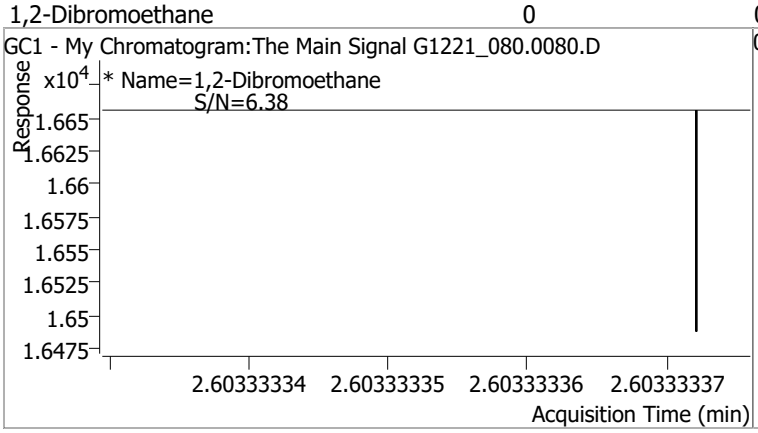
Data File	G1221_080.0080.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 3:10:00 PM
Sample Name	B21121622-010A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

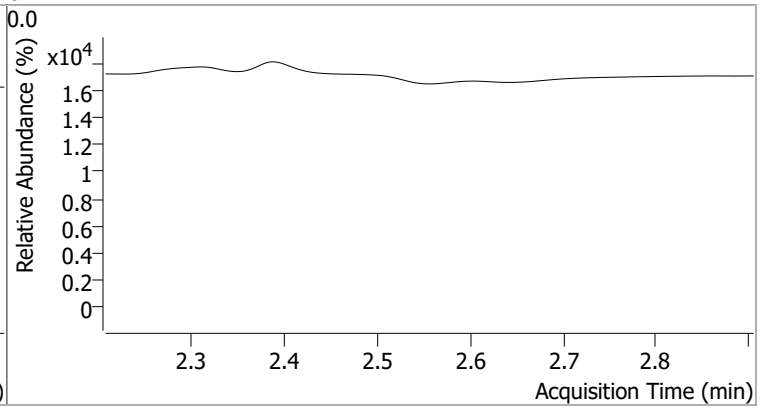


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.059	0.0	31886	0.0929	µg/L	m	-0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 92.93%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.603	0.0	0		µg/L	md	1

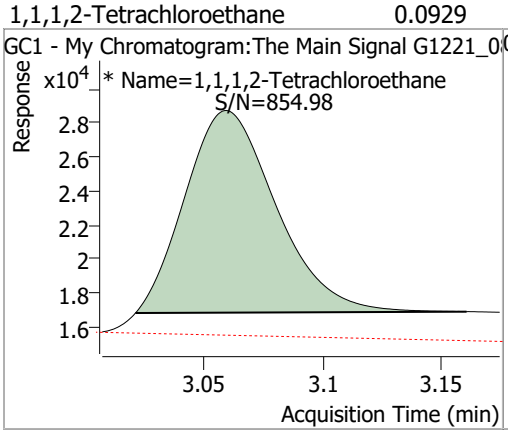
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

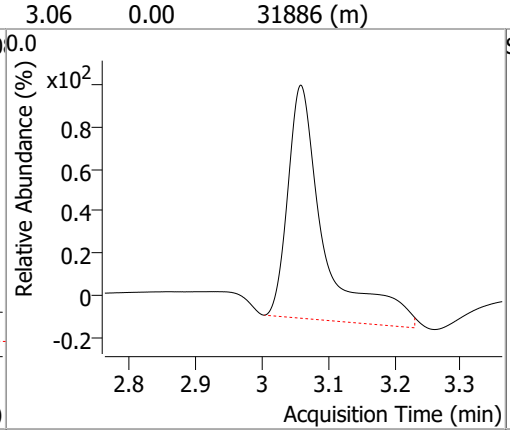
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

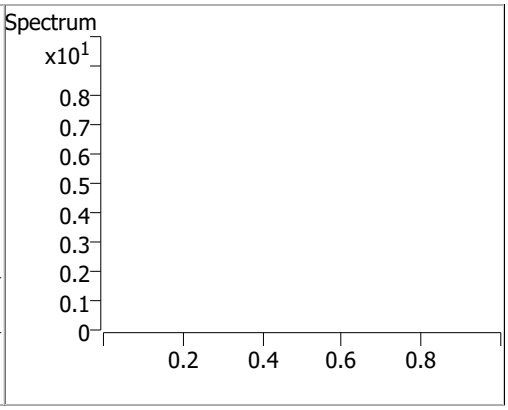




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0929	3.06	0.00	31886 (m)				

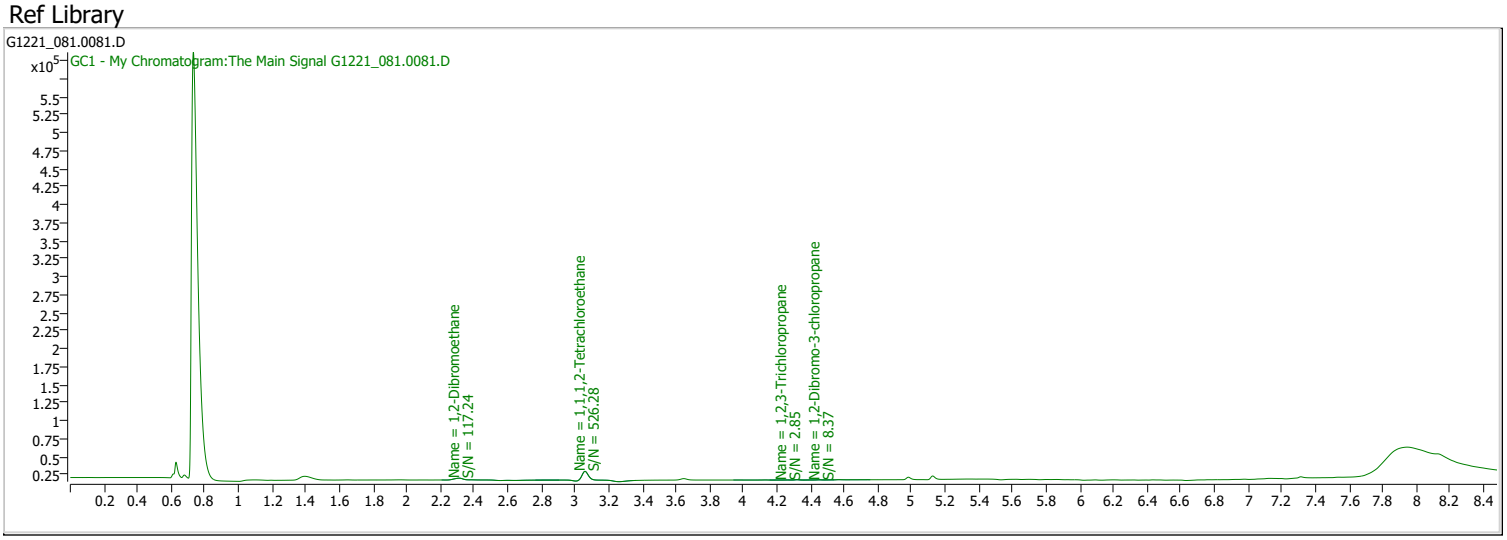






Quantitation Results Report (QT Reviewed)

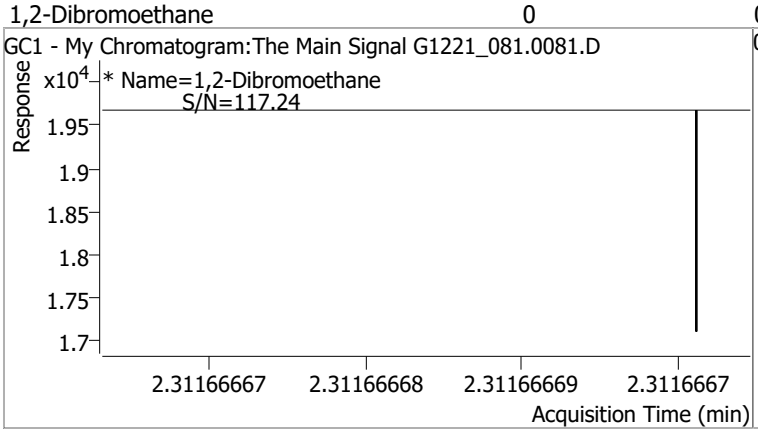
Data File	G1221_081.0081.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 3:30:26 PM
Sample Name	B21121623-001G	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

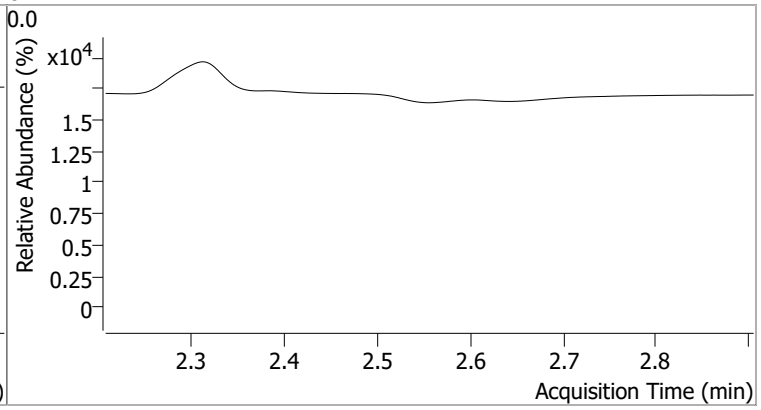


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.058	0.0	32065	0.0934	µg/L	m	-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 93.38%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.312	0.0	0		µg/L	md	1

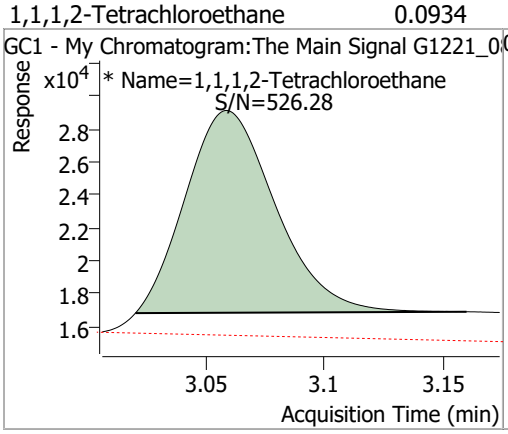
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

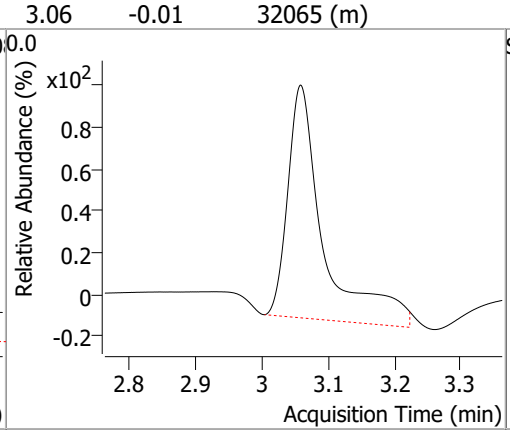
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

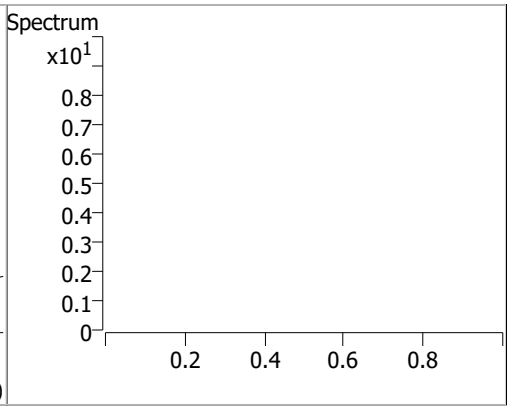




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0934	3.06	-0.01	32065 (m)				

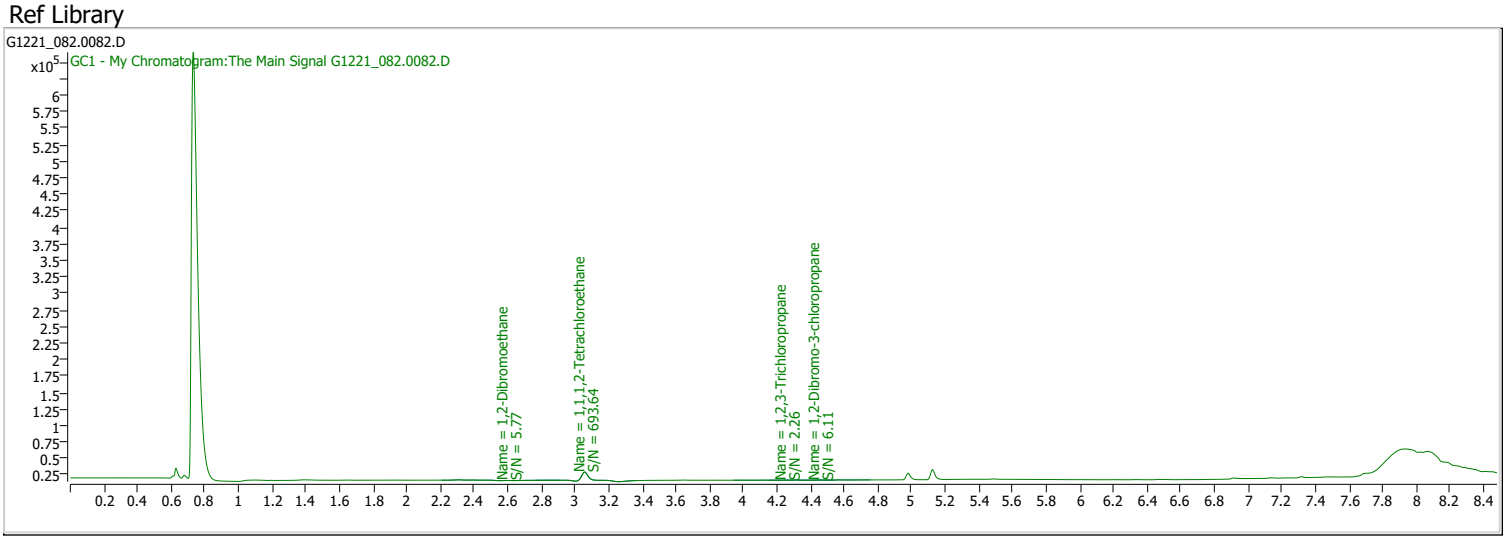






Quantitation Results Report (QT Reviewed)

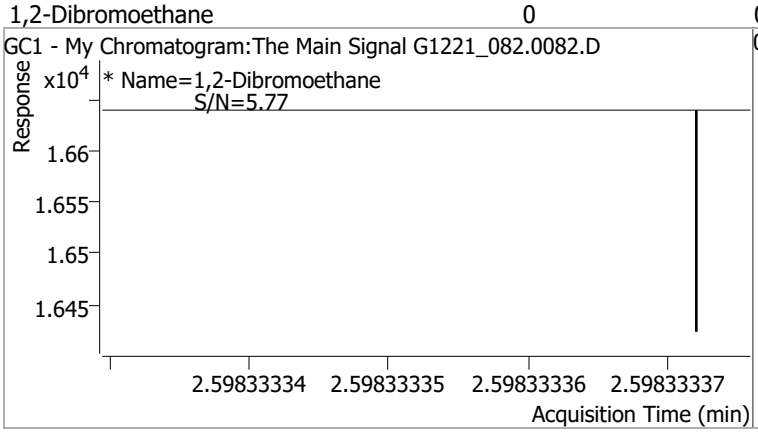
Data File	G1221_082.0082.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 3:50:29 PM
Sample Name	B21121623-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

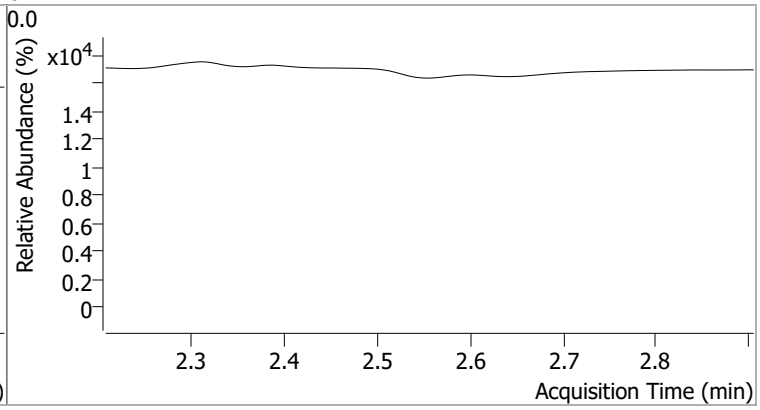


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.057	0.0	31825	0.0928	µg/L	m	-0.007
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 92.78%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.598	0.0	0		µg/L	md	1

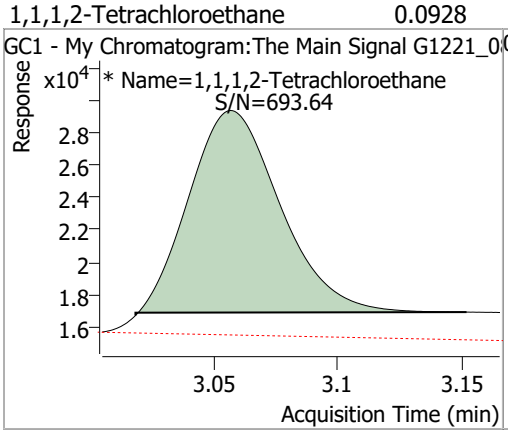
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

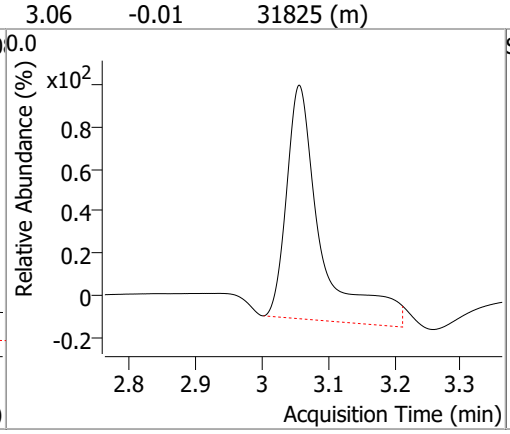
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

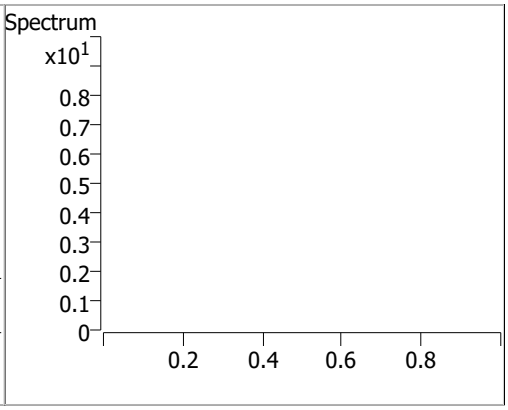




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0928	3.06	-0.01	31825 (m)				

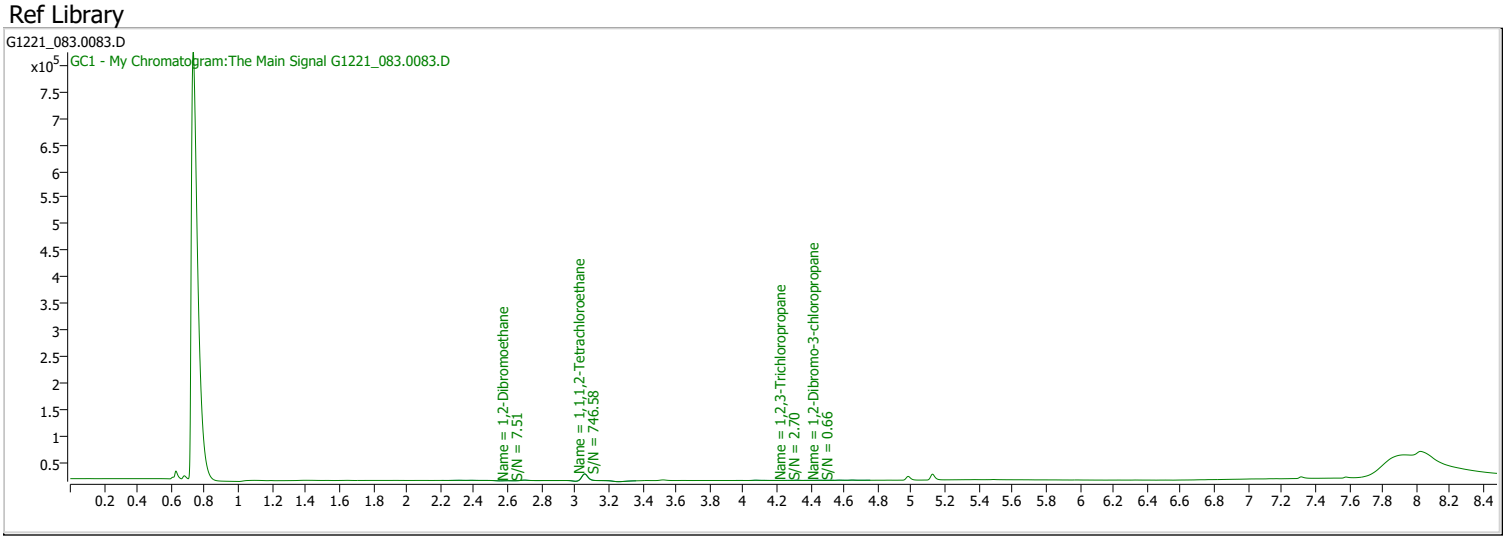






Quantitation Results Report (QT Reviewed)

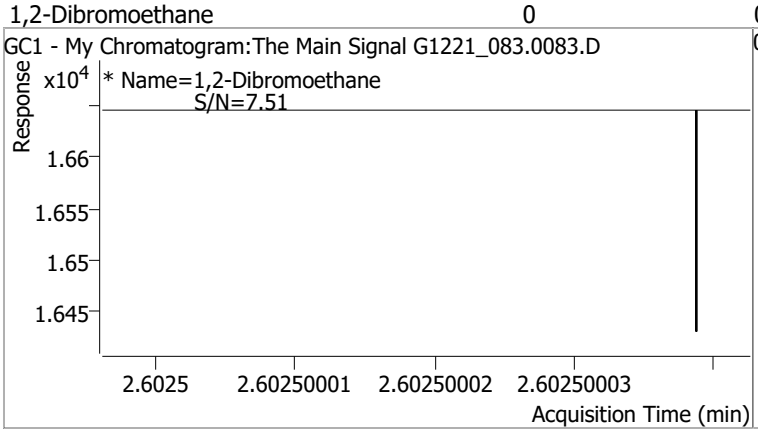
Data File	G1221_083.0083.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 4:10:48 PM
Sample Name	B21121613-001G	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

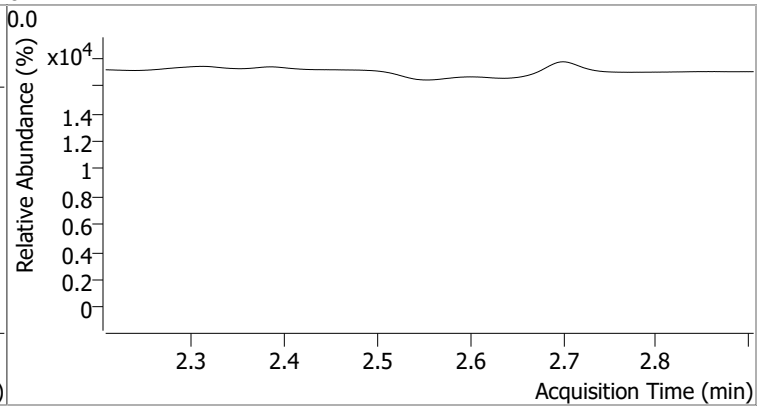


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.057	0.0	31309	0.0915	µg/L	m	-0.007
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 91.50%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.603	0.0	0		µg/L	md	1

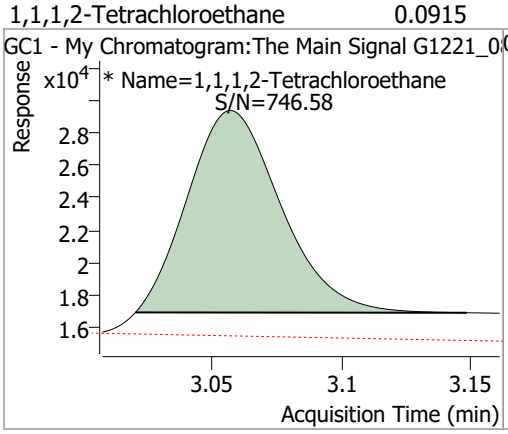
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

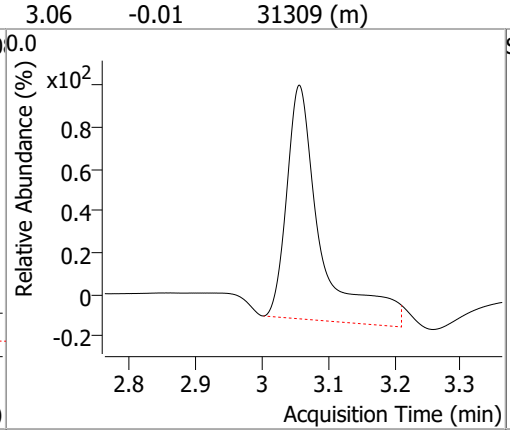
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

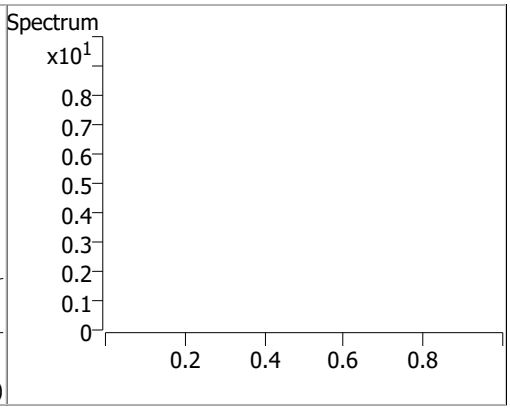




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0915	3.06	-0.01	31309 (m)				

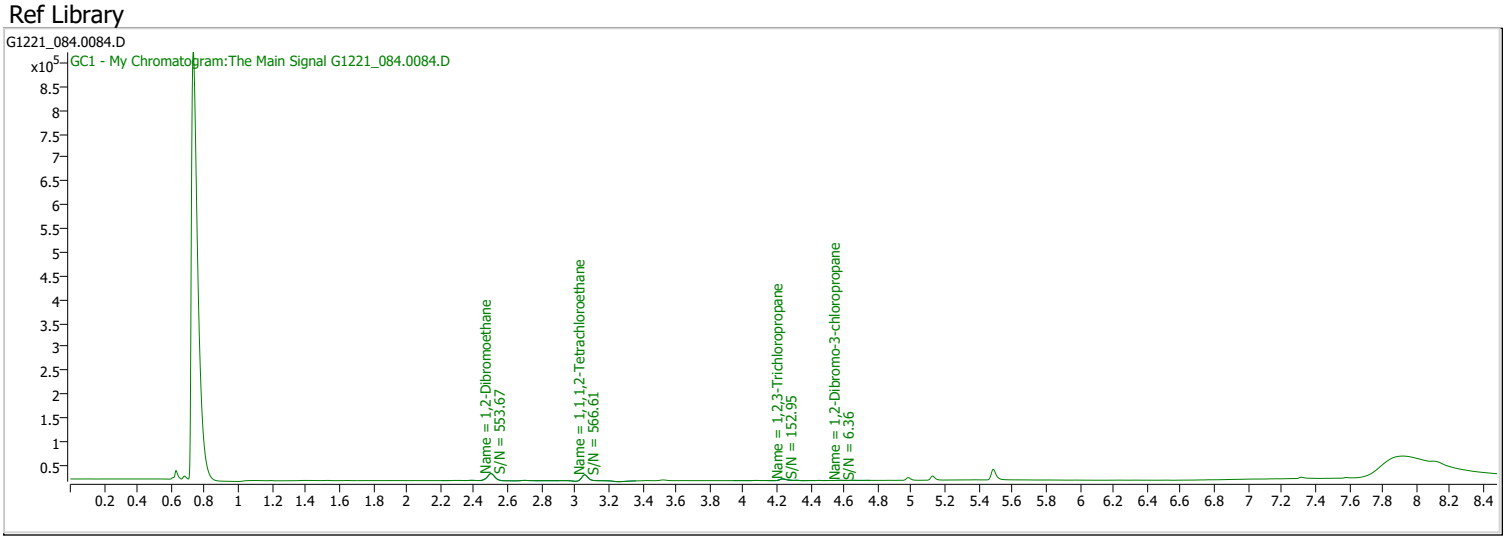






Quantitation Results Report (QT Reviewed)

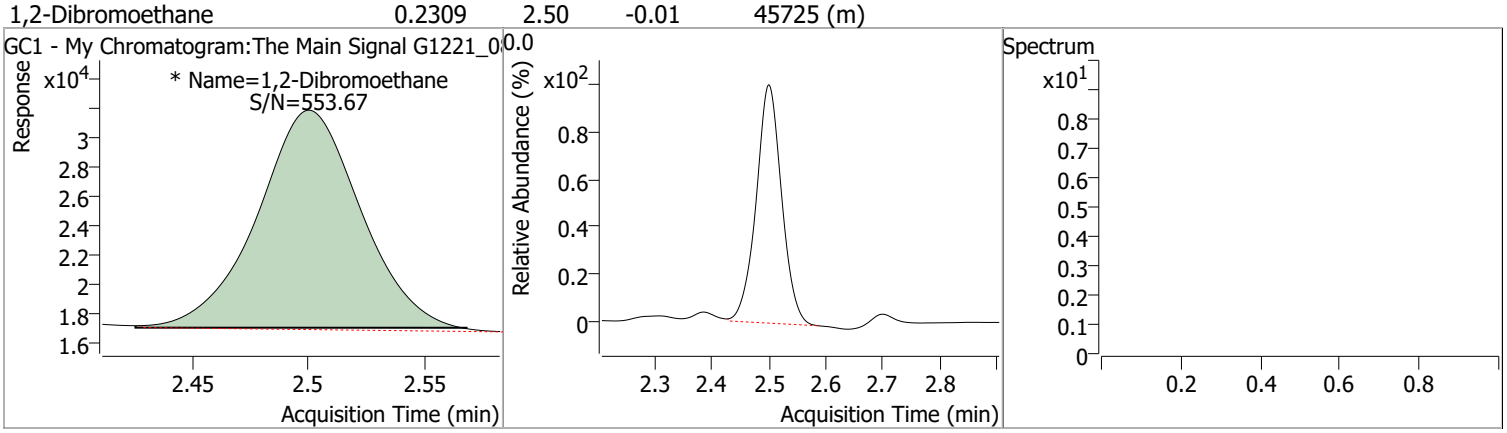
Data File	G1221_084.0084.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 4:30:52 PM
Sample Name	B21121613-001GMS	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			



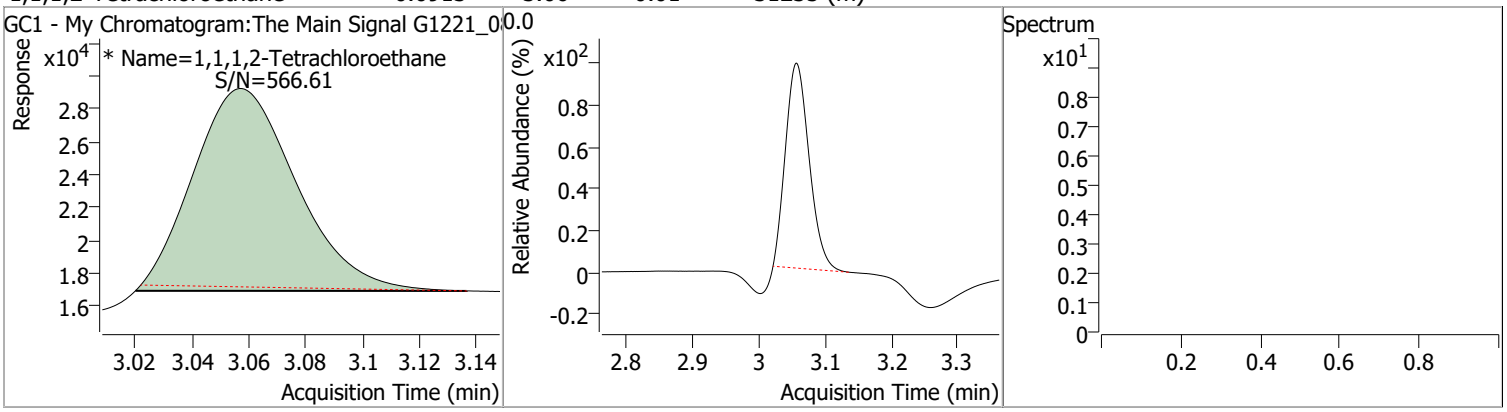
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.057	0.0	31235	0.0913	µg/L	m	-0.007
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 91.32%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.500	0.0	45725	0.2309	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	0.2309	2.50	-0.01	45725 (m)				

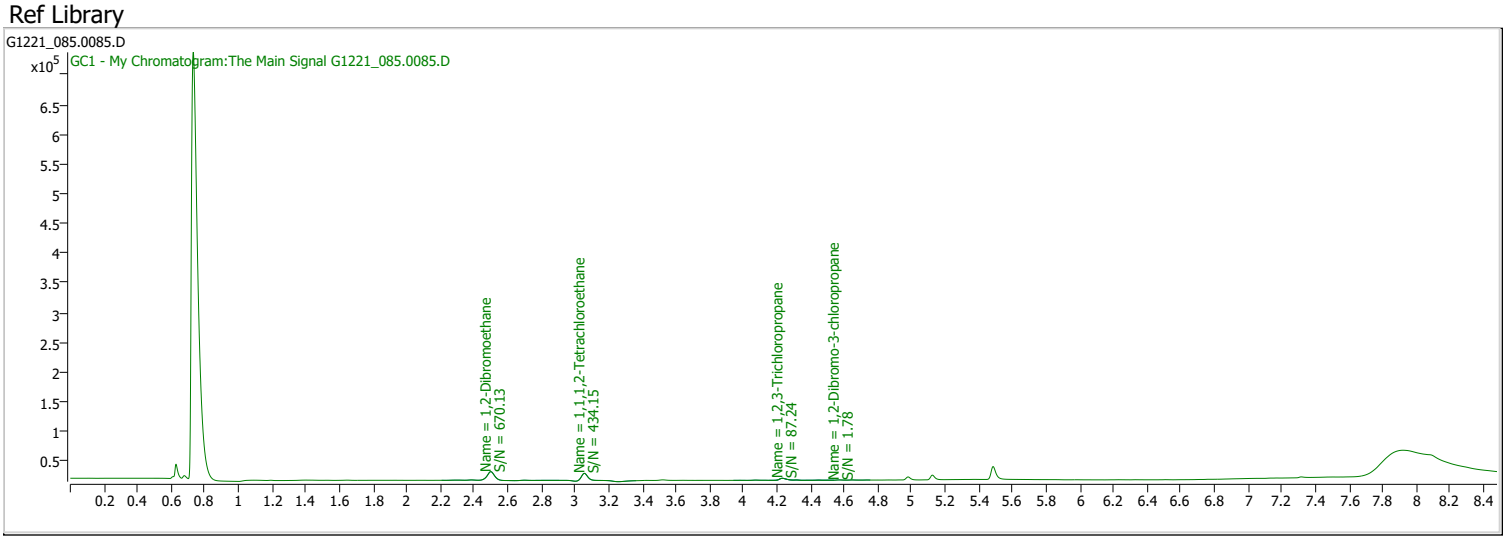


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0913	3.06	-0.01	31235 (m)				



Quantitation Results Report (QT Reviewed)

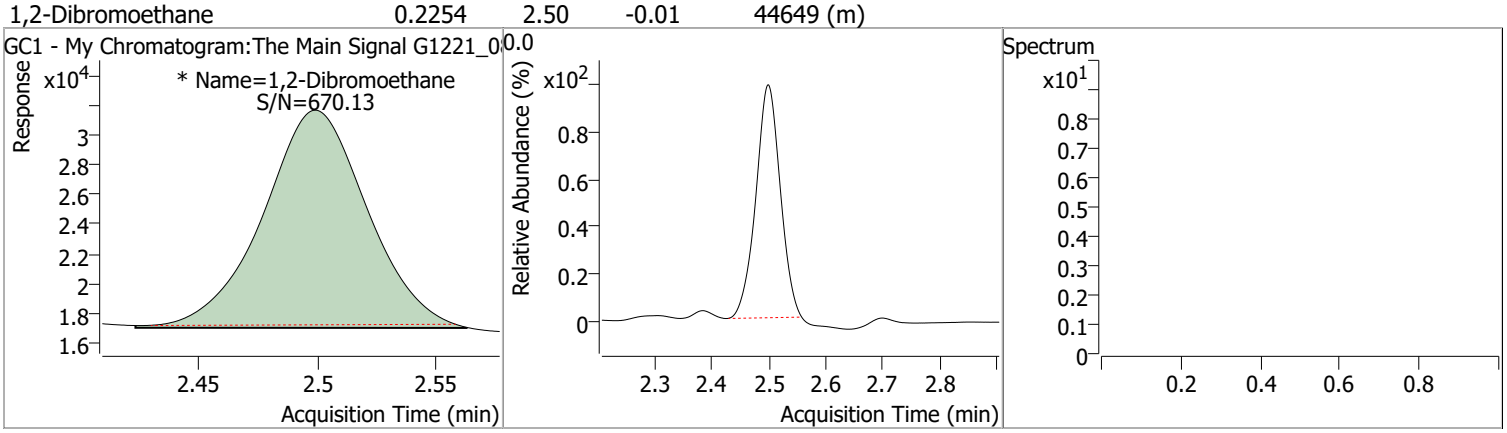
Data File	G1221_085.0085.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 4:50:59 PM
Sample Name	B21121613-001GMSD	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			



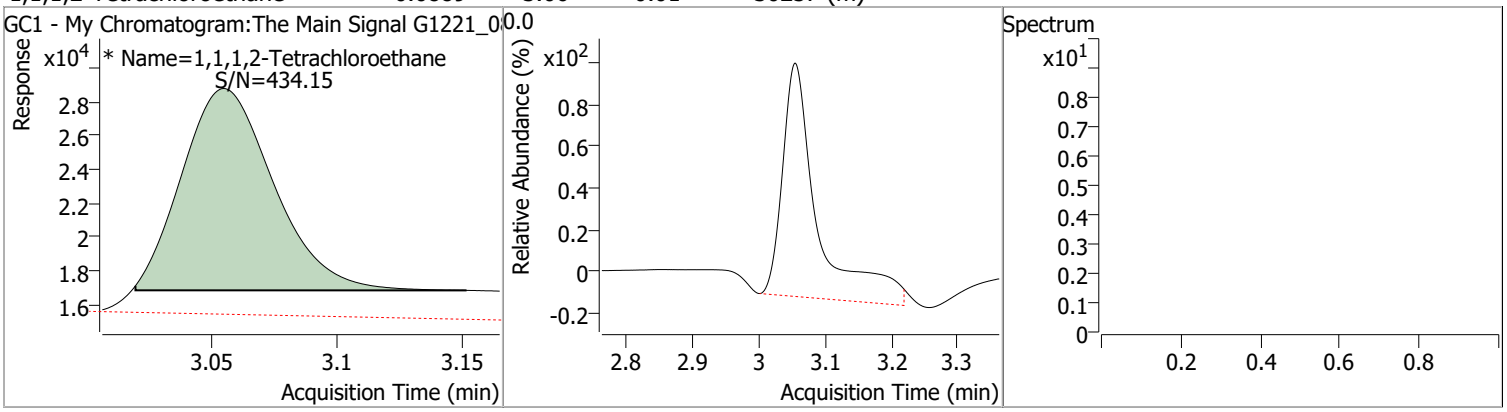
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.055	0.0	30257	0.0889	µg/L	m	-0.008
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 88.89%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.499	0.0	44649	0.2254	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	0.2254	2.50	-0.01	44649 (m)				

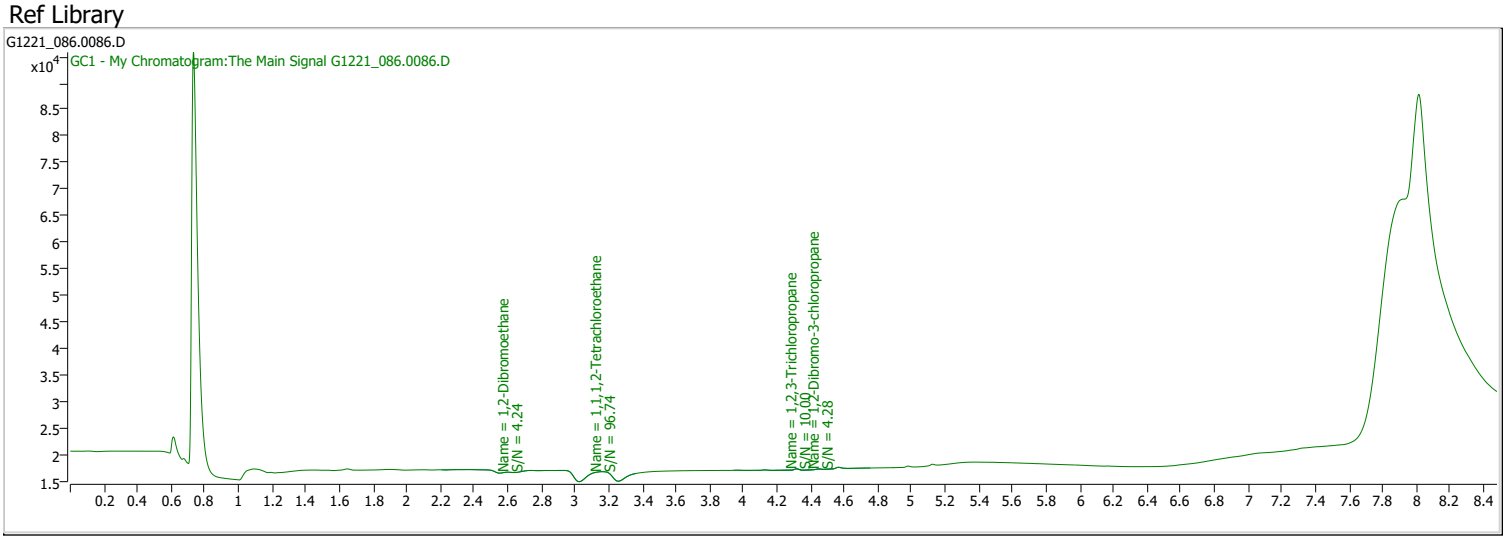


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0889	3.06	-0.01	30257 (m)				



Quantitation Results Report (QT Reviewed)

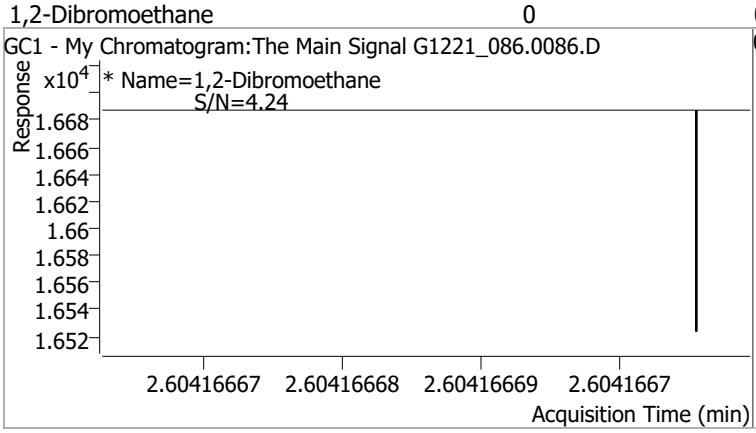
Data File	G1221_086.0086.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 5:11:09 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			

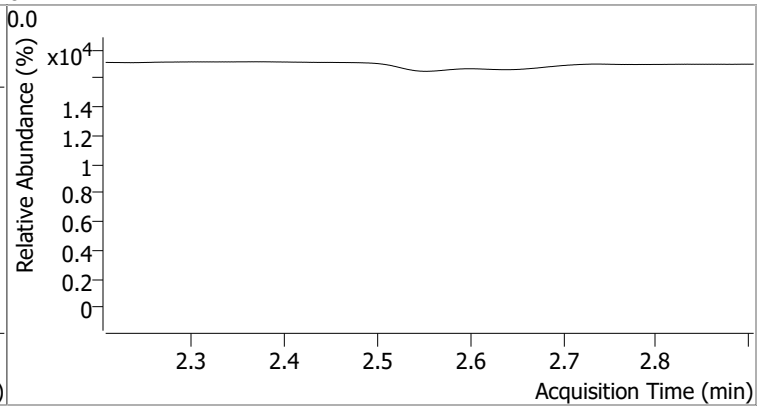


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.154	0.0	0		µg/L	md	0.091
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.604	0.0	0		µg/L	md	1

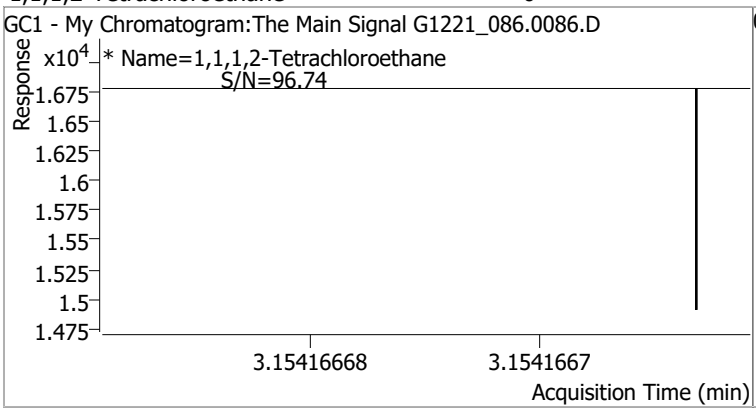
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

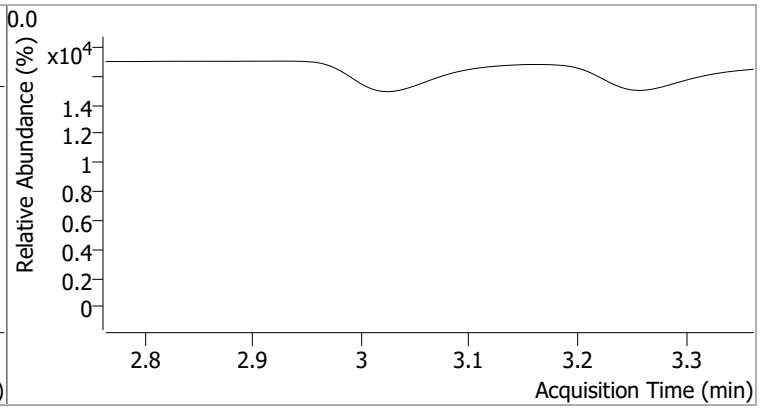
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





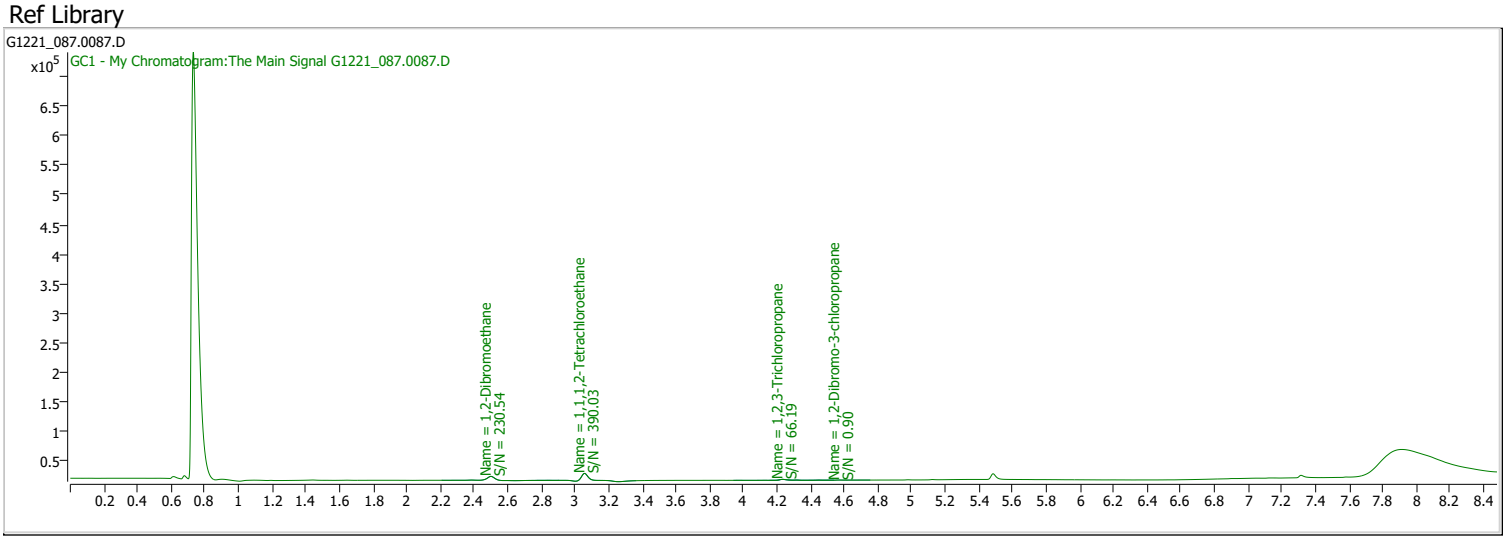
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

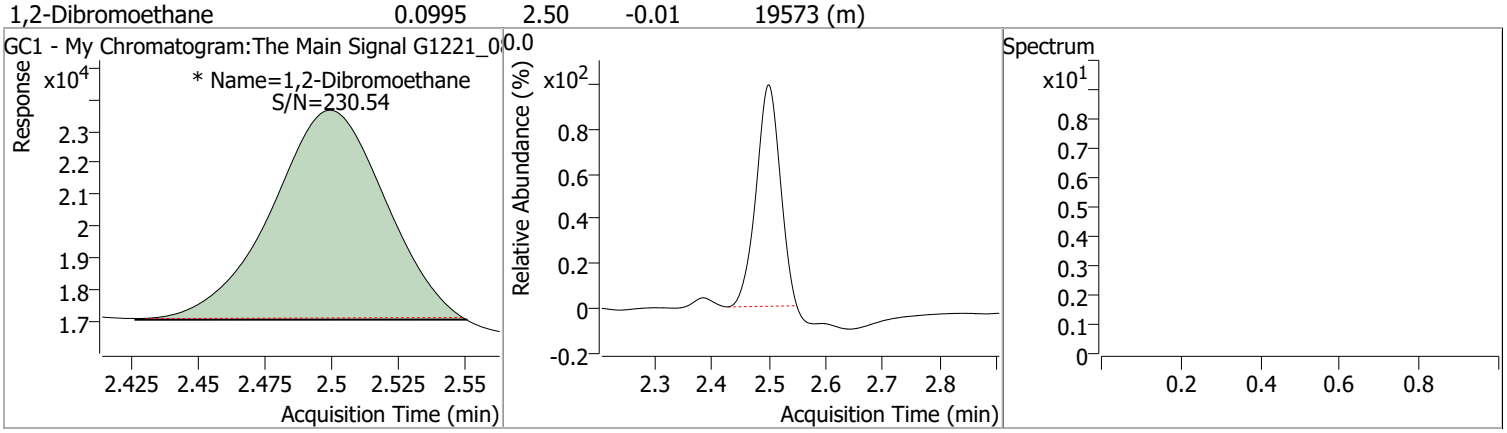
Data File	G1221_087.0087.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	12/22/2021 5:31:22 PM
Sample Name	CK3-162394	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G122121_8011_W_SRC.m	Comment	
Tune File		Tune Date	
Batch Name	G122121_8011_W_SRC.batch.bin	Last Calib Update	12/22/2021 2:42:12 PM
Ref Library			



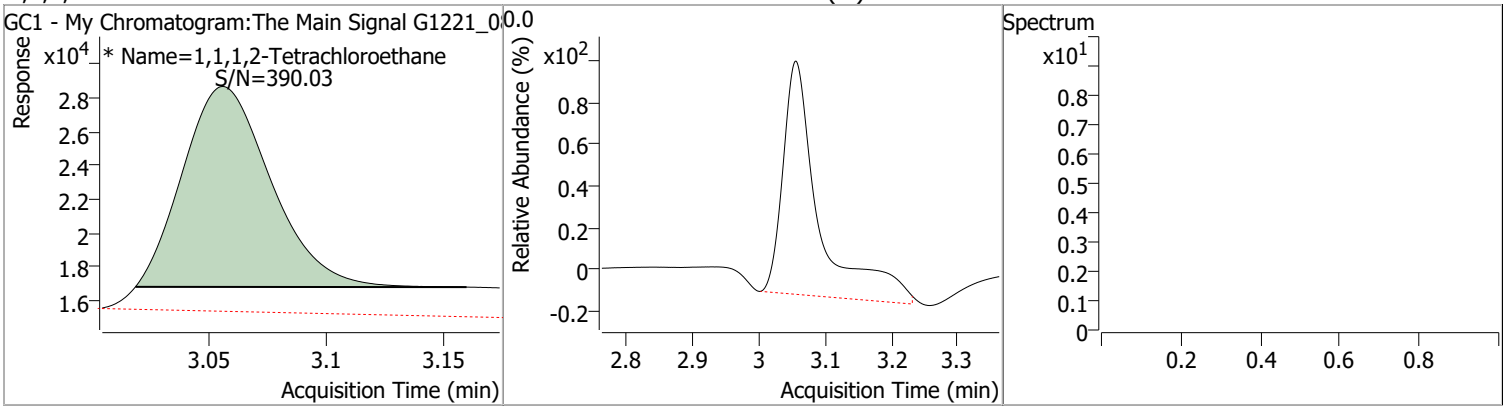
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.056	0.0	30770	0.0902	µg/L	m	-0.008
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 90.17%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.500	0.0	19573	0.0995	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	0.0995	2.50	-0.01	19573 (m)				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0902	3.06	-0.01	30770 (m)				



Batch name and path: D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\srcox	12/22/2021 12:47:10 PM	Create new batch D:\Org\Data\GECD.I\G122121\aiaexport\G122121_8011_W_SRC.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\srcox	12/22/2021 12:47:30 PM	Add samples from worklist: D:\Org\Data\GECD.I\G122121\aiaexport\G1221_071.0071.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_070.0070.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_069.0069.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_068.0068.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_067.0067.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_066.0066.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_065.0065.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_064.0064.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_063.0063.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_062.0062.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_061.0061.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_060.0060.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_059.0059.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_058.0058.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_057.0057.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_056.0056.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_055.0055.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_054.0054.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_053.0053.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_052.0052.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_051.0051.D			✓	
CmdStartMethodEditing	BL2000\srcox	12/22/2021 12:48:13 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\srcox	12/22/2021 12:48:13 PM	Import method from file \\MASSHUNTER\Org\Data\GECD.I\GECD_methods\G122021_8011_W_CLT.m			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdApplyMethodToAllSamples	BL2000\srcox	12/22/2021 1:12:02 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\srcox	12/22/2021 1:12:02 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\srcox	12/22/2021 1:12:02 PM	End method editing			✓	
CmdQuantitate	BL2000\srcox	12/22/2021 1:12:04 PM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\srcox	12/22/2021 1:12:06 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\srcox	12/22/2021 1:12:07 PM	Save batch D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:19:07 PM	Set SampleType = DoubleBlank for sample G1221_051.0051.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:19:12 PM	Set SampleType = Calibration for sample G1221_052.0052.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:19:14 PM	Set SampleType = Calibration for sample G1221_053.0053.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:19:16 PM	Set SampleType = Calibration for sample G1221_054.0054.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:19:18 PM	Set SampleType = Calibration for sample G1221_055.0055.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:19:20 PM	Set SampleType = Calibration for sample G1221_056.0056.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:19:22 PM	Set SampleType = Calibration for sample G1221_057.0057.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:19:24 PM	Set SampleType = Calibration for sample G1221_058.0058.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:19:34 PM	Set LevelName = 2 for sample G1221_052.0052.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:19:38 PM	Set LevelName = 1 for sample G1221_052.0052.D; previous value = 2			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:19:41 PM	Set LevelName = 2 for sample G1221_053.0053.D; previous value =			✓	
CmdSaveBatchTable	BL2000\srcox	12/22/2021 1:19:43 PM	Save batch D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:19:45 PM	Set LevelName = 2 for sample G1221_054.0054.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\srcox	12/22/2021 1:20:05 PM	Save batch D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:37:49 PM	Set LevelName = 7 for sample G1221_053.0053.D; previous value = 2			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:37:51 PM	Set LevelName = 3 for sample G1221_055.0055.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:37:52 PM	Set LevelName = 4 for sample G1221_056.0056.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:37:53 PM	Set LevelName = 5 for sample G1221_057.0057.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:37:55 PM	Set LevelName = 6 for sample G1221_058.0058.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:37:57 PM	Set SampleType = DoubleBlank for sample G1221_059.0059.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:38:00 PM	Set SampleType = QC for sample G1221_060.0060.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:38:03 PM	Set LevelName = LCS for sample G1221_060.0060.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:38:06 PM	Set SampleType = CC for sample G1221_061.0061.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:38:09 PM	Set LevelName = CC3 for sample G1221_061.0061.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:38:14 PM	Set SampleType = Blank for sample G1221_062.0062.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:38:18 PM	Set SampleType = QC for sample G1221_063.0063.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:38:21 PM	Set SampleType = QC for sample G1221_064.0064.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:38:24 PM	Set LevelName = LCS1 for sample G1221_064.0064.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 1:38:26 PM	Set SampleType = DoubleBlank for sample G1221_065.0065.D; previous value = Sample			✓	
CmdQuantitate	BL2000\srcox	12/22/2021 1:38:34 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\srcox	12/22/2021 1:38:35 PM	Save batch D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\srcox	12/22/2021 1:38:47 PM	Save batch D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin			✓	
CmdOpenBatchTable	BL2000\srcox	12/22/2021 2:19:25 PM	Open batch D:\Org\Data\GECD.I\G122121\aiaexport\G122121_8011_W_SRC.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\srcox	12/22/2021 2:31:08 PM	Add samples from worklist: D:\Org\Data\GECD.I\G122121\aiaexport\G1221_077.0077.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_076.0076.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_075.0075.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_074.0074.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_073.0073.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_072.0072.D			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 2:31:39 PM	Set SampleType = CC for sample G1221_074.0074.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 2:31:42 PM	Set LevelName = CC5 for sample G1221_074.0074.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 2:31:43 PM	Set SampleType = DoubleBlank for sample G1221_073.0073.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 2:31:45 PM	Set SampleType = DoubleBlank for sample G1221_075.0075.D; previous value = Sample			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\srcox	12/22/2021 2:31:47 PM	Quantitate all compounds in all samples				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Batch quantitation failed ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Sample not validated: Level name is undefined for a Calibration or QC sample. at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.Batch.ValidateBatchMethod() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.Batch.Quantitate() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.Batch.Quantitate() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdQuantitate.QuantitateBatch(Int16 batchId) at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 2:32:02 PM	Set LevelName = LCS for sample G1221_063.0063.D; previous value =			✓	
CmdQuantitate	BL2000\srcox	12/22/2021 2:32:04 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:32:22 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_074.0074.D, from x, y = 3.013, 16979 to 3.180, 17094, result = 169695; previous integration is from x, y = 3.008, 16456 to 3.197, 15319 and previous response = 182546.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:32:23 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_074.0074.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:32:30 PM	Manually integrate compound 1,2-Dibromoethane in sample G1221_074.0074.D, from x, y = 2.336, 17260 to 2.584, 17260, result = 78087; previous integration is from x, y = 2.436, 17254 to 2.585, 17242 and previous response = 77418.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSplit	BL2000\srcox	12/22/2021 2:32:32 PM	Split peak for compound 1,2-Dibromoethane in sample G1221_074.0074.D and keep right peak, new integration is from x, y = 2.430, 17260.41796875 to 2.584, 17260.41796875 and new response = 77330, previous integration is from x, y = 2.336, 17260 to 2.584, 17260 and previous response = 78087.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:32:33 PM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G1221_074.0074.D; previous value =			✓	
CmdSaveBatchTable	BL2000\srcox	12/22/2021 2:32:37 PM	Save batch D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:39:38 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_052.0052.D, from x, y = 3.062, 18714 to 3.102, 18755, result = 183; previous integration is from x, y = 3.036, 17278 to 3.098, 18755 and previous response = 1775.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:39:41 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_052.0052.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:39:46 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_053.0053.D, from x, y = 3.048, 19458 to 3.114, 19432, result = 1926; previous integration is from x, y = 3.019, 17578 to 3.114, 17398 and previous response = 10945.			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:39:51 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_053.0053.D, from x, y = 3.048, 19419 to 3.114, 19432, result = 2004; previous integration is from x, y = 3.048, 19458 to 3.114, 19432 and previous response = 1926.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:39:53 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_053.0053.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:39:58 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_054.0054.D, from x, y = 3.035, 19589 to 3.149, 19656, result = 11729; previous integration is from x, y = 3.014, 17902 to 3.262, 17165 and previous response = 35901.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:39:59 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_054.0054.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:40:06 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_055.0055.D, from x, y = 3.028, 17724 to 3.168, 17714, result = 33288; previous integration is from x, y = 3.012, 16443 to 3.238, 15683 and previous response = 53171.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:40:07 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_055.0055.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:40:12 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_056.0056.D, from x, y = 3.023, 17234 to 3.171, 17135, result = 72566; previous integration is from x, y = 3.008, 16068 to 3.203, 15288 and previous response = 89253.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:40:13 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_056.0056.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:40:20 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_057.0057.D, from x, y = 3.017, 17250 to 3.179, 17229, result = 175298; previous integration is from x, y = 3.013, 16855 to 3.204, 15592 and previous response = 186763.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:40:22 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_057.0057.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:40:26 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_058.0058.D, from x, y = 3.008, 17443 to 3.195, 17292, result = 466662; previous integration is from x, y = 3.008, 16913 to 3.213, 15572 and previous response = 480319.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:40:27 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_058.0058.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:40:39 PM	Manually integrate compound 1,2-Dibromoethane in sample G1221_052.0052.D, from x, y = 2.342, 19599 to 2.525, 19580, result = 1915; previous integration is from x, y = 2.445, 19602 to 2.526, 19562 and previous response = 1419.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSplit	BL2000\srcox	12/22/2021 2:40:40 PM	Split peak for compound 1,2-Dibromoethane in sample G1221_052.0052.D and keep right peak, new integration is from x, y = 2.433, 19589.3375942018 to 2.525, 19579.7162040285 and new response = 1419, previous integration is from x, y = 2.342, 19599 to 2.525, 19580 and previous response = 1915.			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:40:51 PM	Manually integrate compound 1,2-Dibromoethane in sample G1221_053.0053.D, from x, y = 2.337, 20234 to 2.533, 20234, result = 3990; previous integration is from x, y = 2.451, 20288 to 2.531, 20325 and previous response = 2667.			✓	
CmdManuallyIntegrateSplit	BL2000\srcox	12/22/2021 2:40:53 PM	Split peak for compound 1,2-Dibromoethane in sample G1221_053.0053.D and keep right peak, new integration is from x, y = 2.441, 20234.375 to 2.533, 20234.375 and new response = 3039, previous integration is from x, y = 2.337, 20234 to 2.533, 20234 and previous response = 3990.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:40:56 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G1221_053.0053.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:41:02 PM	Manually integrate compound 1,2-Dibromoethane in sample G1221_054.0054.D, from x, y = 2.341, 20281 to 2.544, 20265, result = 9170; previous integration is from x, y = 2.438, 20276 to 2.544, 20267 and previous response = 8817.			✓	
CmdManuallyIntegrateSplit	BL2000\srcox	12/22/2021 2:41:03 PM	Split peak for compound 1,2-Dibromoethane in sample G1221_054.0054.D and keep right peak, new integration is from x, y = 2.433, 20274.0779154217 to 2.544, 20265.3410123899 and new response = 8831, previous integration is from x, y = 2.341, 20281 to 2.544, 20265 and previous response = 9170.			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:41:08 PM	Manually integrate compound 1,2-Dibromoethane in sample G1221_054.0054.D, from x, y = 2.433, 20266 to 2.544, 20257, result = 8889; previous integration is from x, y = 2.433, 20274 to 2.544, 20265 and previous response = 8831.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:41:09 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G1221_054.0054.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:41:19 PM	Manually integrate compound 1,2-Dibromoethane in sample G1221_055.0055.D, from x, y = 2.343, 18047 to 2.562, 18030, result = 21258; previous integration is from x, y = 2.443, 18133 to 2.557, 18225 and previous response = 19639.			✓	
CmdManuallyIntegrateSplit	BL2000\srcox	12/22/2021 2:41:20 PM	Split peak for compound 1,2-Dibromoethane in sample G1221_055.0055.D and keep right peak, new integration is from x, y = 2.434, 18039.730904192 to 2.562, 18029.7029531954 and new response = 20684, previous integration is from x, y = 2.343, 18047 to 2.562, 18030 and previous response = 21258.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:41:21 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G1221_055.0055.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:41:30 PM	Manually integrate compound 1,2-Dibromoethane in sample G1221_056.0056.D, from x, y = 2.342, 17333 to 2.570, 17329, result = 40211; previous integration is from x, y = 2.438, 17446 to 2.628, 16765 and previous response = 39734.			✓	
CmdManuallyIntegrateSplit	BL2000\srcox	12/22/2021 2:41:31 PM	Split peak for compound 1,2-Dibromoethane in sample G1221_056.0056.D and keep right peak, new integration is from x, y = 2.434, 17331.4494035618 to 2.570, 17328.6819560614 and new response = 38421, previous integration is from x, y = 2.342, 17333 to 2.570, 17329 and previous response = 40211.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:41:32 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G1221_056.0056.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:41:39 PM	Manually integrate compound 1,2-Dibromoethane in sample G1221_057.0057.D, from x, y = 2.343, 17354 to 2.592, 17341, result = 79962; previous integration is from x, y = 2.438, 17405 to 2.593, 17281 and previous response = 79207.			✓	
CmdManuallyIntegrateSplit	BL2000\srcox	12/22/2021 2:41:41 PM	Split peak for compound 1,2-Dibromoethane in sample G1221_057.0057.D and keep right peak, new integration is from x, y = 2.430, 17349.6820832682 to 2.592, 17341.3141815039 and new response = 79229, previous integration is from x, y = 2.343, 17354 to 2.592, 17341 and previous response = 79962.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:41:43 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G1221_057.0057.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 2:41:50 PM	Manually integrate compound 1,2-Dibromoethane in sample G1221_058.0058.D, from x, y = 2.342, 17385 to 2.614, 17380, result = 180559; previous integration is from x, y = 2.438, 17262 to 2.647, 16969 and previous response = 182349.			✓	
CmdManuallyIntegrateSplit	BL2000\srcox	12/22/2021 2:41:51 PM	Split peak for compound 1,2-Dibromoethane in sample G1221_058.0058.D and keep right peak, new integration is from x, y = 2.428, 17383.663210838 to 2.614, 17379.9006049306 and new response = 179586, previous integration is from x, y = 2.342, 17385 to 2.614, 17380 and previous response = 180559.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:41:53 PM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G1221_058.0058.D; previous value =			✓	
CmdSaveBatchTable	BL2000\srcox	12/22/2021 2:41:57 PM	Save batch D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\srcox	12/22/2021 2:42:12 PM	Replace level CC5 with CC sample G1221_074.0074.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level LCS1 with QC sample G1221_064.0064.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level LCS with QC sample G1221_063.0063.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level CC3 with CC sample G1221_061.0061.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level LCS with QC sample G1221_060.0060.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 6 with Calibration sample G1221_058.0058.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 5 with Calibration sample G1221_057.0057.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 4 with Calibration sample G1221_056.0056.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 3 with Calibration sample G1221_055.0055.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 2 with Calibration sample G1221_054.0054.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 7 with Calibration sample G1221_053.0053.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane}; Replace level 1 with Calibration sample G1221_052.0052.D for compounds {1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane};			✓	
CmdQuantitate	BL2000\srcox	12/22/2021 2:42:15 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:42:21 PM	Set CurveFitOrigin = originIgnore for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = originInclude			✓	
CmdQuantitate	BL2000\srcox	12/22/2021 2:42:24 PM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:42:27 PM	Set CurveFitOrigin = originForce for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = originIgnore			✓	
CmdQuantitate	BL2000\srcox	12/22/2021 2:42:29 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:42:31 PM	Set CurveFitWeight = weightEqual for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = weightOneOverX			✓	
CmdQuantitate	BL2000\srcox	12/22/2021 2:42:35 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:42:37 PM	Set CurveFitWeight = weightOneOverX for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = weightEqual			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:42:39 PM	Set CurveFitOrigin = originInclude for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = originForce			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:42:42 PM	Set CurveFitOrigin = originIgnore for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = originInclude			✓	
CmdQuantitate	BL2000\srcox	12/22/2021 2:42:47 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:42:49 PM	Set CurveFitOrigin = originInclude for compound 1,1,1,2-Tetrachloroethane in all samples; previous value = originIgnore			✓	
CmdQuantitate	BL2000\srcox	12/22/2021 2:42:52 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:43:08 PM	Set CurveFitOrigin = originForce for compound 1,2-Dibromoethane in all samples; previous value = originIgnore			✓	
CmdQuantitate	BL2000\srcox	12/22/2021 2:43:10 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 2:43:13 PM	Set CurveFitOrigin = originInclude for compound 1,2-Dibromoethane in all samples; previous value = originForce			✓	
CmdQuantitate	BL2000\srcox	12/22/2021 2:43:15 PM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\srcox	12/22/2021 2:43:23 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\srcox	12/22/2021 2:43:23 PM	Import method from sample G1221_052.0052.D			✓	
CmdSaveMethodAs	BL2000\srcox	12/22/2021 2:44:40 PM	Save method to file \\MASSHUNTER\Org\Data\GECD.I\GECD_methods\G122121_8011_W_SRC.m			✓	
CmdApplyMethodToAllSamples	BL2000\srcox	12/22/2021 2:44:42 PM	Apply method to all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdMethodClear	BL2000\srcox	12/22/2021 2:44:42 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\srcox	12/22/2021 2:44:43 PM	End method editing			✓	
CmdQuantitate	BL2000\srcox	12/22/2021 2:44:45 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 2:46:26 PM	Set SampleType = CC for sample G1221_052.0052.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 2:46:28 PM	Set SampleType = CC for sample G1221_053.0053.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 2:46:30 PM	Set SampleType = CC for sample G1221_054.0054.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 2:46:32 PM	Set SampleType = CC for sample G1221_055.0055.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 2:46:36 PM	Set SampleType = CC for sample G1221_056.0056.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 2:46:38 PM	Set SampleType = CC for sample G1221_057.0057.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 2:46:39 PM	Set SampleType = CC for sample G1221_058.0058.D; previous value = Calibration			✓	
CmdQuantitate	BL2000\srcox	12/22/2021 2:46:41 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\srcox	12/22/2021 2:46:43 PM	Save batch D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin			✓	
CmdSaveBatchTable	BL2000\srcox	12/22/2021 2:53:23 PM	Save batch D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin			✓	
CmdOpenBatchTable	BL2000\srcox	12/22/2021 4:32:09 PM	Open batch D:\Org\Data\GECD.I\G122121\aiaexport\G122121_8011_W_SRC.batch.bin			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:37:33 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_051.0051.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:37:35 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G1221_051.0051.D			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:37:36 PM	Set SampleApproved = True for sample G1221_051.0051.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:40:59 PM	Set SampleApproved = True for sample G1221_052.0052.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:41:00 PM	Set SampleApproved = True for sample G1221_053.0053.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:41:01 PM	Set SampleApproved = True for sample G1221_054.0054.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:41:01 PM	Set SampleApproved = True for sample G1221_055.0055.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:41:02 PM	Set SampleApproved = True for sample G1221_056.0056.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:41:03 PM	Set SampleApproved = True for sample G1221_057.0057.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:41:04 PM	Set SampleApproved = True for sample G1221_058.0058.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:41:05 PM	Set SampleApproved = True for sample G1221_059.0059.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:41:07 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G1221_059.0059.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:41:09 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_059.0059.D			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 4:41:19 PM	Manually integrate compound 1,2-Dibromoethane in sample G1221_060.0060.D, from x, y = 2.347, 17313 to 2.579, 17307, result = 46756; previous integration is from x, y = 2.440, 17360 to 2.577, 17396 and previous response = 45411.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\srcox	12/22/2021 4:41:20 PM	Drop baseline for compound 1,2-Dibromoethane in sample G1221_060.0060.D to y = 17307, new integration is from x, y = 2.347, 17307 to 2.579, 17307 and new response = 46792; previous integration is from x, y = 2.347, 17313 to 2.579, 17307 and previous response = 46756.			✓	
CmdManuallyIntegrateSplit	BL2000\srcox	12/22/2021 4:41:25 PM	Split peak for compound 1,2-Dibromoethane in sample G1221_060.0060.D and keep right peak, new integration is from x, y = 2.433, 17307.29296875 to 2.579, 17307.29296875 and new response = 46031, previous integration is from x, y = 2.347, 17307 to 2.579, 17307 and previous response = 46792.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 4:41:26 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G1221_060.0060.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 4:41:38 PM	Manually integrate compound 1,2-Dibromoethane in sample G1221_061.0061.D, from x, y = 2.343, 17328 to 2.563, 17325, result = 19891; previous integration is from x, y = 2.443, 17358 to 2.563, 17388 and previous response = 19101.			✓	
CmdManuallyIntegrateSplit	BL2000\srcox	12/22/2021 4:41:40 PM	Split peak for compound 1,2-Dibromoethane in sample G1221_061.0061.D and keep right peak, new integration is from x, y = 2.435, 17326.8526137398 to 2.563, 17325.0828401233 and new response = 19450, previous integration is from x, y = 2.343, 17328 to 2.563, 17325 and previous response = 19891.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 4:41:41 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G1221_061.0061.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 4:41:46 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_061.0061.D, from x, y = 3.036, 17176 to 3.154, 17130, result = 29890; previous integration is from x, y = 3.036, 17362 to 3.154, 17130 and previous response = 29228.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 4:41:47 PM	Set UserAnnotation = LT for compound 1,1,1,2-Tetrachloroethane in sample G1221_061.0061.D; previous value =			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:41:53 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_062.0062.D			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 4:42:01 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_062.0062.D, from x, y = 3.035, 17177 to 3.174, 17188, result = 32146; previous integration is from x, y = 3.030, 16474 to 3.218, 15420 and previous response = 45690.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 4:42:03 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_062.0062.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:42:13 PM	Set SampleApproved = True for sample G1221_062.0062.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:42:14 PM	Set SampleApproved = True for sample G1221_061.0061.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:42:15 PM	Set SampleApproved = True for sample G1221_060.0060.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 4:42:22 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_063.0063.D, from x, y = 3.034, 17099 to 3.174, 17161, result = 30895; previous integration is from x, y = 3.017, 15922 to 3.250, 15182 and previous response = 50088.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 4:42:23 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_063.0063.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 4:42:36 PM	Manually integrate compound 1,2-Dibromoethane in sample G1221_064.0064.D, from x, y = 2.343, 17375 to 2.566, 17362, result = 19456; previous integration is from x, y = 2.442, 17443 to 2.568, 17245 and previous response = 18591.			✓	
CmdManuallyIntegrateSplit	BL2000\srcox	12/22/2021 4:42:37 PM	Split peak for compound 1,2-Dibromoethane in sample G1221_064.0064.D and keep right peak, new integration is from x, y = 2.438, 17369.5203608378 to 2.566, 17362.1661082781 and new response = 18456, previous integration is from x, y = 2.343, 17375 to 2.566, 17362 and previous response = 19456.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 4:42:39 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G1221_064.0064.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 4:42:45 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_064.0064.D, from x, y = 3.036, 17188 to 3.168, 17141, result = 30363; previous integration is from x, y = 3.018, 15889 to 3.254, 15147 and previous response = 50110.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 4:42:46 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_064.0064.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:42:51 PM	Set SampleApproved = True for sample G1221_063.0063.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:42:51 PM	Set SampleApproved = True for sample G1221_064.0064.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:42:54 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G1221_065.0065.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:42:56 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_065.0065.D			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 4:43:09 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_067.0067.D, from x, y = 3.035, 17255 to 3.093, 27932, result = 9332; previous integration is from x, y = 3.035, 17255 to 3.219, 17255 and previous response = 107926.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\srcox	12/22/2021 4:43:10 PM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G1221_067.0067.D to y = 17255, new integration is from x, y = 3.035, 17255 to 3.093, 17255 and new response = 27874; previous integration is from x, y = 3.035, 17255 to 3.093, 27932 and previous response = 9332.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 4:43:13 PM	Set UserAnnotation = CO for compound 1,1,1,2-Tetrachloroethane in sample G1221_067.0067.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 4:43:21 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_069.0069.D, from x, y = 3.035, 17266 to 3.168, 17260, result = 31538; previous integration is from x, y = 3.018, 15985 to 3.237, 15267 and previous response = 50897.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 4:43:22 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_069.0069.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 4:43:28 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_070.0070.D, from x, y = 3.033, 17125 to 3.172, 17229, result = 32111; previous integration is from x, y = 3.016, 15993 to 3.239, 15252 and previous response = 50999.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 4:43:29 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_070.0070.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 4:43:33 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_071.0071.D, from x, y = 3.033, 17255 to 3.177, 17203, result = 30711; previous integration is from x, y = 3.022, 16042 to 3.238, 15126 and previous response = 50164.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 4:43:35 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_071.0071.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 4:43:39 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_072.0072.D, from x, y = 3.032, 17063 to 3.173, 17177, result = 31309; previous integration is from x, y = 3.015, 15895 to 3.255, 15135 and previous response = 50938.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 4:43:40 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_072.0072.D; previous value =			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:43:43 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G1221_073.0073.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:43:45 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_073.0073.D			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:43:53 PM	Set SampleApproved = True for sample G1221_074.0074.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:43:55 PM	Set SampleApproved = True for sample G1221_073.0073.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:44:37 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_066.0066.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:44:41 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_067.0067.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:44:45 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_068.0068.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:44:47 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_069.0069.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:44:54 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_070.0070.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:44:56 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_071.0071.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:44:59 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_072.0072.D			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:45:01 PM	Set SampleApproved = True for sample G1221_072.0072.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:45:02 PM	Set SampleApproved = True for sample G1221_071.0071.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:45:03 PM	Set SampleApproved = True for sample G1221_070.0070.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:45:04 PM	Set SampleApproved = True for sample G1221_069.0069.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:45:05 PM	Set SampleApproved = True for sample G1221_068.0068.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:45:06 PM	Set SampleApproved = True for sample G1221_067.0067.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:45:07 PM	Set SampleApproved = True for sample G1221_066.0066.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:45:08 PM	Set SampleApproved = True for sample G1221_065.0065.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:45:12 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_075.0075.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:45:14 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G1221_075.0075.D			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:45:15 PM	Set SampleApproved = True for sample G1221_075.0075.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:45:25 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_076.0076.D			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:45:26 PM	Set SampleApproved = True for sample G1221_076.0076.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\srcox	12/22/2021 4:45:29 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_077.0077.D			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/22/2021 4:45:34 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_077.0077.D, from x, y = 3.025, 16997 to 3.153, 17000, result = 30431; previous integration is from x, y = 3.011, 15701 to 3.153, 17000 and previous response = 35208.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/22/2021 4:45:35 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_077.0077.D; previous value =			✓	
CmdSaveBatchTable	BL2000\srcox	12/22/2021 4:45:38 PM	Save batch D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\srcox	12/22/2021 4:45:57 PM	Save batch D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin			✓	
CmdSetSampleAttribute	BL2000\srcox	12/22/2021 4:47:56 PM	Set SampleApproved = True for sample G1221_077.0077.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\srcox	12/22/2021 4:48:03 PM	Save batch D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin			✓	
CmdOpenBatchTable	BL2000\srcox	12/23/2021 9:32:07 AM	Open batch D:\Org\Data\GECD.I\G122121\aiaexport\G122121_8011_W_SRC.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\srcox	12/23/2021 9:44:24 AM	Add samples from worklist: D:\Org\Data\GECD.I\G122121\aiaexport\G1221_087.0087.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_086.0086.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_085.0085.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_084.0084.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_083.0083.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_082.0082.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_081.0081.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_080.0080.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_079.0079.D, D:\Org\Data\GECD.I\G122121\aiaexport\G1221_078.0078.D			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:45:57 AM	Set SampleType = MatrixBlank for sample G1221_083.0083.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:45:59 AM	Set SampleType = Matrix for sample G1221_084.0084.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:46:01 AM	Set SampleType = MatrixDup for sample G1221_085.0085.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:46:17 AM	Set MatrixSpikeGroup = G21121613 for sample G1221_083.0083.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:46:18 AM	Set MatrixSpikeGroup = G21121613 for sample G1221_084.0084.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:46:20 AM	Set MatrixSpikeGroup = G21121613 for sample G1221_085.0085.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:46:24 AM	Set SampleType = DoubleBlank for sample G1221_086.0086.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:46:27 AM	Set SampleType = CC for sample G1221_087.0087.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:46:30 AM	Set LevelName = CC3 for sample G1221_087.0087.D; previous value =			✓	
CmdQuantitate	BL2000\srcox	12/23/2021 9:46:34 AM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\srcox	12/23/2021 9:46:38 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\srcox	12/23/2021 9:46:39 AM	Save batch D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/23/2021 9:46:58 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_078.0078.D, from x, y = 3.024, 16953 to 3.148, 17034, result = 31159; previous integration is from x, y = 3.010, 15737 to 3.148, 17034 and previous response = 35488.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/23/2021 9:46:59 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_078.0078.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/23/2021 9:47:05 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_079.0079.D, from x, y = 3.022, 16969 to 3.153, 16958, result = 31167; previous integration is from x, y = 3.005, 15724 to 3.223, 15022 and previous response = 50007.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/23/2021 9:47:06 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_079.0079.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/23/2021 9:47:12 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_080.0080.D, from x, y = 3.021, 16833 to 3.161, 16911, result = 31886; previous integration is from x, y = 3.004, 15703 to 3.231, 14984 and previous response = 50445.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/23/2021 9:47:13 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_080.0080.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\srcox	12/23/2021 9:47:19 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_081.0081.D, from x, y = 3.021, 16833 to 3.159, 16917, result = 32065; previous integration is from x, y = 3.005, 15678 to 3.223, 14937 and previous response = 50859.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/23/2021 9:47:20 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_081.0081.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/23/2021 9:47:25 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_082.0082.D, from x, y = 3.018, 16880 to 3.152, 16917, result = 31825; previous integration is from x, y = 3.003, 15677 to 3.213, 15014 and previous response = 50002.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/23/2021 9:47:26 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_082.0082.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/23/2021 9:47:30 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_083.0083.D, from x, y = 3.020, 16932 to 3.148, 16911, result = 31309; previous integration is from x, y = 3.003, 15656 to 3.211, 15005 and previous response = 49605.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/23/2021 9:47:31 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_083.0083.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/23/2021 9:47:36 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_084.0084.D, from x, y = 3.020, 16917 to 3.137, 16910, result = 31235; previous integration is from x, y = 3.022, 17269 to 3.137, 16910 and previous response = 30000.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/23/2021 9:47:38 AM	Set UserAnnotation = LT for compound 1,1,1,2-Tetrachloroethane in sample G1221_084.0084.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/23/2021 9:47:43 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_085.0085.D, from x, y = 3.020, 16858 to 3.152, 16854, result = 30257; previous integration is from x, y = 3.002, 15615 to 3.219, 14934 and previous response = 48943.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/23/2021 9:47:45 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_085.0085.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\srcox	12/23/2021 9:47:48 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G1221_086.0086.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/23/2021 9:47:49 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_086.0086.D			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/23/2021 9:47:56 AM	Manually integrate compound 1,2-Dibromoethane in sample G1221_087.0087.D, from x, y = 2.328, 17073 to 2.551, 17077, result = 20337; previous integration is from x, y = 2.431, 17109 to 2.549, 17145 and previous response = 19200.			✓	
CmdManuallyIntegrateSplit	BL2000\srcox	12/23/2021 9:47:59 AM	Split peak for compound 1,2-Dibromoethane in sample G1221_087.0087.D and keep right peak, new integration is from x, y = 2.427, 17074.9031476811 to 2.551, 17077.4098566704 and new response = 19573, previous integration is from x, y = 2.328, 17073 to 2.551, 17077 and previous response = 20337.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/23/2021 9:48:00 AM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G1221_087.0087.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/23/2021 9:48:08 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G1221_087.0087.D, from x, y = 3.019, 16818 to 3.159, 16802, result = 30770; previous integration is from x, y = 3.003, 15538 to 3.232, 14817 and previous response = 50368.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/23/2021 9:48:09 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G1221_087.0087.D; previous value =			✓	
CmdZeroOutPeak	BL2000\srcox	12/23/2021 9:48:21 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_078.0078.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/23/2021 9:48:23 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_079.0079.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/23/2021 9:48:25 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_080.0080.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/23/2021 9:48:27 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_081.0081.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/23/2021 9:48:29 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_082.0082.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\srcox	12/23/2021 9:48:31 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_083.0083.D			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/23/2021 9:48:43 AM	Manually integrate compound 1,2-Dibromoethane in sample G1221_084.0084.D, from x, y = 2.236, 17073 to 2.568, 17053, result = 48668; previous integration is from x, y = 2.428, 17069 to 2.587, 16764 and previous response = 46796.			✓	
CmdManuallyIntegrateSplit	BL2000\srcox	12/23/2021 9:48:44 AM	Split peak for compound 1,2-Dibromoethane in sample G1221_084.0084.D and keep right peak, new integration is from x, y = 2.426, 17061.6488612635 to 2.568, 17053.2464565587 and new response = 45725, previous integration is from x, y = 2.236, 17073 to 2.568, 17053 and previous response = 48668.			✓	
CmdManuallyIntegratePeak	BL2000\srcox	12/23/2021 9:48:54 AM	Manually integrate compound 1,2-Dibromoethane in sample G1221_085.0085.D, from x, y = 2.230, 17068 to 2.563, 17044, result = 47789; previous integration is from x, y = 2.430, 17206 to 2.558, 17291 and previous response = 43018.			✓	
CmdManuallyIntegrateSplit	BL2000\srcox	12/23/2021 9:48:56 AM	Split peak for compound 1,2-Dibromoethane in sample G1221_085.0085.D and keep right peak, new integration is from x, y = 2.423, 17053.8310508187 to 2.563, 17043.8413314054 and new response = 44649, previous integration is from x, y = 2.230, 17068 to 2.563, 17044 and previous response = 47789.			✓	
CmdSetTargetCompoundAttribute	BL2000\srcox	12/23/2021 9:48:57 AM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G1221_085.0085.D; previous value =			✓	
CmdQuantitate	BL2000\srcox	12/23/2021 9:49:07 AM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\srcox	12/23/2021 9:49:10 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G1221_086.0086.D			✓	
CmdZeroOutPeak	BL2000\srcox	12/23/2021 9:49:12 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G1221_086.0086.D			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:49:15 AM	Set SampleApproved = True for sample G1221_087.0087.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:49:16 AM	Set SampleApproved = True for sample G1221_086.0086.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:49:18 AM	Set SampleApproved = True for sample G1221_085.0085.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:50:09 AM	Set SampleApproved = True for sample G1221_078.0078.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:50:10 AM	Set SampleApproved = True for sample G1221_079.0079.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:50:10 AM	Set SampleApproved = True for sample G1221_080.0080.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:50:11 AM	Set SampleApproved = True for sample G1221_081.0081.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:50:11 AM	Set SampleApproved = True for sample G1221_082.0082.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:50:12 AM	Set SampleApproved = True for sample G1221_083.0083.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\srcox	12/23/2021 9:50:13 AM	Set SampleApproved = True for sample G1221_084.0084.D; previous value = False			✓	
CmdQuantitate	BL2000\srcox	12/23/2021 9:50:16 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\srcox	12/23/2021 9:50:17 AM	Save batch D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin			✓	
CmdSaveBatchTable	BL2000\srcox	12/23/2021 11:50:02 AM	Save batch D:\Org\Data\GECD.I\G122121\aiaexport\QuantResults\G122121_8011_W_SRC.batch.bin			✓	
CmdOpenBatchTable	BL2000\srcox	1/16/2022 12:20:48 PM	Open batch D:\Org\Data\GECD.I\G122121\aiaexport\G122121_8011_W_SRC.batch.bin			✓	
GenerateReport	BL2000\srcox	1/16/2022 12:22:27 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Gen_ResultsSummary.m, Output Path: D:\Org\Data\GECD.I\G122121\aiaexport\QuantReports\G122121_8011_W_SRC			✓	
GenerateReport	BL2000\srcox	1/16/2022 12:24:19 PM	Generates report - Method: \\MASSHUNTER\Org\reports\init_cal_rpt.m, Output Path: D:\Org\Data\GECD.I\G122121\aiaexport\QuantReports\G122121_8011_W_SRC-1			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
GenerateReport	BL2000\srcox	1/16/2022 12:27:02 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Gen_Calibration.m, Output Path: D:\Org\Data\GECD.I\G122121\aiaexport\QuantReports\G122121_8011_W_SRC-2			✓	
GenerateReport	BL2000\srcox	1/16/2022 12:28:53 PM	Generates report - Method: \\MASSHUNTER\Org\reports\Env_QuantResults_wGraphics+Chromatogram.m, Output Path: D:\Org\Data\GECD.I\G122121\aiaexport\QuantReports\G122121_8011_W_SRC-3			✓	

Agilent

ID #: 13327
Opened:
Calibration Standard
Expires: 12/31/2023
Rec'd: 12/11/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Certificate of Analysis

Product Name: Calibration Standard

Product Number: DWM-514-1 **Lot Issue Date:** 08-Dec-2020

Lot Number: 0006573696 **Expiration Date:** 31-Dec-2023

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

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

Matrix: methanol (methyl alcohol)

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

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

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

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

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

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

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

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

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

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
Page: 2 of 2
www.agilent.com/quality/
CSD-QA-015.1

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

Energy Laboratories Inc

Spike LOG

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

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

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

Final Volume: 1 mL

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

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

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
Type: Tertiary
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 = 0.07ug/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:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

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

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

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

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

Sample lot approver:

Monica Bourgeois
QMS Representative

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

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

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

Energy Laboratories Inc

Standard LOG

Standard ID: PH111421504SU
Standard Name: 504.1 Surrogate (0.1ug/mL)MeOH
Date Prepared: 11/14/2021
Date Expires: 3/20/2023
Department: PST/HRBPR
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: Selina R. Cox
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**