Demonstration Of Capability

Analyst: / cna
Date: 07/19/2021 16:59

Analyte: 1,2-DIBROMO-3-CHLOROPROPANE

Instrument: JECD.i
Average Recovery: 100.0
Relative StdDev: 0.000

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	100.0	80	120	0.0	0.1	0
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	100.0	80	120	0.0	0.1	0
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	100.0	80	120	0.0	0.1	0
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	100.0	80	120	0.0	0.1	0

Analyte: 2,3-DIBROMOPROPIONIC ACID

Instrument: JECD.i
Average Recovery: 104.0
Relative StdDev: 7.571

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	104.0	80	120	7.874	10	1.25
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	111.0	80	120	7.874	10	1.25
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	93.0	80	120	7.874	10	1.25
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	108.0	80	120	7.874	10	1.25

Analyte: BROMOCHLOROACETIC ACID

Instrument: JECD.i
Average Recovery: 90.5
Relative StdDev: 2.781

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	91.0	80	120	2.517	8	0.5
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	93.0	80	120	2.517	8	0.5
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	87.0	80	120	2.517	8	0.5
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	91.0	80	120	2.517	8	0.5

Demonstration Of Capability

Analyst: / cna
Date: 07/19/2021 16:59

Analyte: DALAPON

Instrument: JECD.i
Average Recovery: 93.3
Relative StdDev: 3.202

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	97.0	80	120	2.986	8	0.5
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	94.0	80	120	2.986	8	0.5
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	92.0	80	120	2.986	8	0.5
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	90.0	80	120	2.986	8	0.5

Analyte: DIBROMOACETIC ACID

Instrument: JECD.i
Average Recovery: 94.3
Relative StdDev: 3.813

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	95.0	80	120	3.594	4	0.25
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	89.0	80	120	3.594	4	0.25
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	96.0	80	120	3.594	4	0.25
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	97.0	80	120	3.594	4	0.25

Analyte: DICHLOROACETIC ACID

Instrument: JECD.i
Average Recovery: 88.5
Relative StdDev: 1.459

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	90.0	80	120	1.291	12	0.75
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	87.0	80	120	1.291	12	0.75
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	88.0	80	120	1.291	12	0.75
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	89.0	80	120	1.291	12	0.75

Demonstration Of Capability

Analyst: / cna

Date: 07/19/2021 16:59

Analyte: MONOBROMOACETIC ACID

Instrument: JECD.i
Average Recovery: 94.5
Relative StdDev: 0.611

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	94.0	80	120	0.577	8	0.5
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	94.0	80	120	0.577	8	0.5
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	95.0	80	120	0.577	8	0.5
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	95.0	80	120	0.577	8	0.5

Analyte: MONOCHLOROACETIC ACID

Instrument: JECD.i
Average Recovery: 99.3
Relative StdDev: 1.721

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	97.0	80	120	1.708	12	0.75
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	100.0	80	120	1.708	12	0.75
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	101.0	80	120	1.708	12	0.75
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	99.0	80	120	1.708	12	0.75

Analyte: TOTAL REGULATED HALOACETIC ACIDS

Instrument: JECD.i
Average Recovery: 93.8
Relative StdDev: 1.021

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	93.0	80	120	0.957	40	0.25
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	95.0	80	120	0.957	40	0.25
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	94.0	80	120	0.957	40	0.25
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	93.0	80	120	0.957	40	0.25

Demonstration Of Capability

Analyst: / cna

Date: 07/19/2021 16:59

Analyte: TRICHLOROACETIC ACID

Instrument: JECD.i

Average Recovery: 91.8

Relative StdDev: 3.254

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	91.0	80	120	2.986	4	0.5
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	88.0	80	120	2.986	4	0.5
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	93.0	80	120	2.986	4	0.5
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	95.0	80	120	2.986	4	0.5

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
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
CAL3-162287		6	35	0	0	2.0	0.057	Bal #25	12/17/2021	12/17/2021
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.										
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.										

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/	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) Me	CAL1,CAL7	50µL,100	2/12/2023
PH092621504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CAL2,CAL3,CAL	25µL,50µ	2/12/2023
PH092621504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CAL5,CAL6	20µL,50µ	2/12/2023
PH071421LFB	LaboratoryFortifiedBlank0.25ug/mL	LCS1,LCS,MS,M	14µL, 35	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
B21121402-008A	Aqueous	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.										
B21121402-013A	Aqueous	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.										
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	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/	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) Me	CAL1,CAL7	50µL,100	2/12/2023
PH092621504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CAL2,CAL3,CAL	25µL,50µ	2/12/2023
PH092621504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CAL5,CAL6	20µL,50µ	2/12/2023
PH071421LFB	LaboratoryFortifiedBlank0.25ug/mL	LCS1,LCS,MS,M	14µL, 35	2/6/2023

Energy Laboratories Inc

ANALYTICAL RUN Summary

27-Dec-21

Run ID GECD.I_211217A

Run Start Date:	12/17/2021
Analyst:	Carry L Tran
Ical:	
Column ID:	RTX-CLP_0.53
Comments:	Reported and analyzed by CLT, supervised by SRC.

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
14936971	CAL1-162287	PST-8011-W	CAL1	GECD.I\G121721\	12/17/2021 12:1	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	0.01014	0.01011465		0.01	0	0	0.0025835	0.01	0	101%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01213	0.01209968		0.01	0	0	0.0056259	0.02	0	121%	60	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936972	CAL7-162287	PST-8011-W	CAL7	GECD.I\G121721\	12/17/2021 12:3	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	0.01926	0.01921185		0.02	0	0	0.0025835	0.01	0	96%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01854	0.01849365		0.02	0	0	0.0056259	0.02	0	92%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936973	CAL2-162287	PST-8011-W	CAL2	GECD.I\G121721\	12/17/2021 12:5	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	0.0508	0.050673		0.05	0	0	0.0025835	0.01	0	101%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.04536	0.0452466		0.05	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
14936974	CAL3-162287	PST-8011-W	CAL3	GECD.I\G121721\12/17/2021 1:10:		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	0.10323	0.10297193		0.1	0	0	0.0025835	0.01	0	103%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09575	0.09551063		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
14936975	CAL4-162287	PST-8011-W	CAL4	GECD.I\G121721\12/17/2021 1:30:		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	0.19261	0.19212848		0.2	0	0	0.0025835	0.01	0	96%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.18673	0.18626318		0.2	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
14936976	CAL5-162287	PST-8011-W	CAL5	GECD.I\G121721\12/17/2021 1:50:		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	0.40485	0.40383788		0.4	0	0	0.0025835	0.01	0	101%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.42689	0.42582278		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
14936977	CAL6-162287	PST-8011-W	CAL6	GECD.I\G121721\12/17/2021 2:10:		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	0.99909	0.99659228		1	0	0	0.0025835	0.01	0	100%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.99375	0.99126563		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
14936978	LCS-162287	PST-8011-W	ICV	GECD.I\G121721\12/17/2021 2:50:		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	0.22683	0.22626293		0.25	0	0	0.0025835	0.01	0	91%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09309	0.09285728		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
14936979	MB-162287	PST-8011-W	MBLK	GECD.I\G121721\12/17/2021 3:10:		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	0		0	0	0	0.0025835	0.005	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10274	0.10248315		0.1	0	0	0.0056259	0.02	0	102%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936980	CAL3-162287	PST-8011-W	CCV3	GECD.I\G121721\12/17/2021 3:29:		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	0.10352	0.1032612		0.1	0	0	0.0025835	0.01	0	103%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09534	0.09510165		0.1	0	0	0.0056259	0.02	0	95%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936981	LCS-162287	PST-8011-W	LCS-DOD	GECD.I\G121721\12/17/2021 3:49:		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	0.22662	0.22605345		0.25	0	0	0.0025835	0.01	0	90%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09136	0.0911316		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
14936982	LCS1-162287	PST-8011-W	LCS1	GECD.I\G121721\12/17/2021 4:09:		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	0.08982	0.08959545		0.1	0	0	0.0025835	0.01	0	90%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09118	0.09095205		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
14936983	B21010847-028	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 4:48:		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	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08739	0.08717153		0.1	0	0	0.0056259	0.02	0	87%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936984	B21121402-002	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 5:08:		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	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08883	0.0870534		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
14936985	B21121402-003	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 5:28:		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	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09088	0.0890624		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
14936986	B21121402-008	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 5:48:		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	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08996	0.0865865		0.097	0	0	0.0054285	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
14936987	B21121402-013	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 6:07:		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	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09684	0.0949032		0.098	0	0	0.0055272	0.02	0	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936988	B21121402-001	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 6:27:		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	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08646	0.0847308		0.098	0	0	0.0055272	0.02	0	86%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936989	B21121402-001	PST-8011-W	MS-DOD	GECD.I\G121721\12/17/2021 6:47:		1	162287	12/17/2021	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	0.22797	0.2234106		0.245	0	0	0.0025382	0.01	0	91%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.0924	0.090552		0.098	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
14936990	B21121402-001	PST-8011-W	MSD-DOD	GECD.I\G121721\12/17/2021 7:07:		1	162287	12/17/2021	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	0.20708	0.2029384		0.2425	0	0.2234106	0.0025382	0.01	0	84%	60	140	10%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08603	0.0843094		0.097	0	0	0.0055272	0.02	0	87%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936991	CAL5-162287	PST-8011-W	CCV4	GECD.I\G121721\12/17/2021 7:46:		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	0.35624	0.3553494		0.4	0	0	0.0025835	0.01	0	89%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.41885	0.41780288		0.4	0	0	0.0056259	0.02	0	104%	80	120	0%	

Write Sequence

Insert Entries(Have the first cell for e

Data File	Sample Name
G:\org\GECD.i\G121721.b\G1217_001	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G121721.b\G1217_002	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G121721.b\G1217_003	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G121721.b\G1217_004	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G121721.b\G1217_005	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G121721.b\G1217_006	Hexane ;
G:\org\GECD.i\G121721.b\G1217_007	CAL1-162287 ;
G:\org\GECD.i\G121721.b\G1217_008	CAL7-162287 ;
G:\org\GECD.i\G121721.b\G1217_009	CAL2-162287 ;
G:\org\GECD.i\G121721.b\G1217_010	CAL3-162287 ;
G:\org\GECD.i\G121721.b\G1217_011	CAL4-162287 ;
G:\org\GECD.i\G121721.b\G1217_012	CAL5-162287 ;
G:\org\GECD.i\G121721.b\G1217_013	CAL6-162287 ;
G:\org\GECD.i\G121721.b\G1217_014	Hexane;;
G:\org\GECD.i\G121721.b\G1217_015	LCS-162287 ;
G:\org\GECD.i\G121721.b\G1217_016	MB-162287 ;
G:\org\GECD.i\G121721.b\G1217_017	CAL3-162287 ;
G:\org\GECD.i\G121721.b\G1217_018	LCS-162287 ;
G:\org\GECD.i\G121721.b\G1217_019	LCS1-162287 ;
G:\org\GECD.i\G121721.b\G1217_020	Hexane;;
G:\org\GECD.i\G121721.b\G1217_021	B21010847-028A ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_022	B21121402-002F ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_023	B21121402-003F ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_024	B21121402-008A ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_025	B21121402-013A ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_026	B21121402-001F ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_027	B21121402-001FMS ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_028	B21121402-001FMSD ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_029	Hexane;;
G:\org\GECD.i\G121721.b\G1217_030	CAL5-162287 ;
G:\org\GECD.i\G121721.b\G1217_031	Hexane;;
G:\org\GECD.i\G121721.b\G1217_032	CK3-162289 ;
G:\org\GECD.i\G121721.b\G1217_033	MB-162289 ;
G:\org\GECD.i\G121721.b\G1217_034	LCS-162289 ;
G:\org\GECD.i\G121721.b\G1217_035	LCS1-162289 ;
G:\org\GECD.i\G121721.b\G1217_036	Hexane;;
G:\org\GECD.i\G121721.b\G1217_037	MBLKIA-162289 ;
G:\org\GECD.i\G121721.b\G1217_038	MBLKIB-162289 ;
G:\org\GECD.i\G121721.b\G1217_039	MBLKIC-162289 ;
G:\org\GECD.i\G121721.b\G1217_040	Hexane;;
G:\org\GECD.i\G121721.b\G1217_041	CK5-162289 ;
G:\org\GECD.i\G121721.b\G1217_042	
G:\org\GECD.i\G121721.b\G1217_043	

PREP BATCH REPORT

Prep Code: **PRP-8011-W** Technician: **Carry L Tran** Prep Start Date: **1/13/2022 9:02:26 AM**

Prep Batch **162903** Prep Temp: **NA °C** Batch Units: **ML** Prep End Date: **1/13/2022 1:31:00 PM**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
MB-162903		6	35	0	0	2.0	0.057		1/13/2022	1/13/2022
CLT spiked and surrogated. ORR witnessed and assisted.										
LCS-162903		6	35	0	0	2.0	0.057		1/13/2022	1/13/2022
Unlocked to add comments and final masses CLT 1/14/2022										
LCS1-162903		6	35	0	0	2.0	0.057	Bal #25	1/13/2022	1/13/2022
5mL_19K50667 calibrated/passed on 01/13/2022 prior to the extraction.										
CK3-162903		6	35	0	0	2.0	0.057	Bal #25	1/13/2022	1/13/2022
All samples poured to 35mL using a gravimetrically determined standard made by CLT on 01/13/22										
CK5-162903		6	35	0	0	2.0	0.057	Bal #25	1/13/2022	1/13/2022
Samples were put on solvent at 12:00pm. Unlocked to fix comment error 3/9/22.										
B22010507-001H	Ground Water	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.46g with cap on. Empty vial weight with cap on 24.83g=36.63g.Entire sample consumed in extraction.										
B22010507-001HMS	Ground Water	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 2/3 Combined vial and sample weight of 61.38g with cap on. Empty vial weight with cap on 24.71g=36.67g.Entire sample consumed in extraction.										
B22010507-001HMSD	Ground Water	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 3/3. Combined vial and sample weight of 61.40g with cap on. Empty vial weight with cap on 24.92g=36.48g. Entire sample consumed in extraction.										
B22010507-004A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 60.96g with cap on. Empty vial weight with cap on 24.72g=36.24g.										
B22010625-001H	Ground Water	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.31g with cap on. Empty vial weight with cap on 24.66g=36.65g.										
B22010625-004A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.04g with cap on. Empty vial weight with cap on 24.93g=36.11g.										
B22010626-001H	Ground Water	1	37	0	0	2.0	0.054	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.64g with cap on. Empty vial weight with cap on 24.63g=37.01g.										
B22010626-004A	Trip Blank	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.53g with cap on. Empty vial weight with cap on 24.87g=36.66g.										
B22010628-001H	Ground Water	1	37	0	0	2.0	0.054	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.63g with cap on. Empty vial weight with cap on 24.92g=36.71g.										

Number	Reagent Name	Exp Date	A
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14500	40 mL Clear VOA Lot 00081369	11/9/2026	
14543	Hexane EB754	6/4/2023	2mL
14729	Laboratory Fortified Blank Sample Concentrate	2/6/2023	14uL,3
14750	4ML, Amber Vial, 20220111	1/11/2023	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 11/6	Baked Sodium Chloride	ALL	7g	9/10/2025
PH122821504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL except CK3/	35µL	3/20/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CK3	50µL	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CK5	20µL	2/12/2023

PREP BATCH REPORT

Prep Code: **PRP-8011-W** Technician: **Carry L Tran** Prep Start Date: **1/13/2022 9:02:26 AM**

Prep Batch **162903** Prep Temp: **NA °C** Batch Units: **ML** Prep End Date: **1/13/2022 1:31:00 PM**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
B22010628-004A	Trip Blank	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.50g with cap on. Empty vial weight with cap on 24.99g=36.51g.										
B22010629-001H	Ground Water	1	37	0	0	2.0	0.054	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.51g with cap on. Empty vial weight with cap on 24.66g=36.85g.										
B22010629-004A	Trip Blank	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.24g with cap on. Empty vial weight with cap on 24.63g=36.61g.										
B22010633-001H	Ground Water	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 60.96g with cap on. Empty vial weight with cap on 24.78g=36.18g.										
B22010633-004A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 60.67g with cap on. Empty vial weight with cap on 24.57g=36.1g.										
B22010637-001H	Ground Water	1	37	0	0	2.0	0.054	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.37g with cap on. Empty vial weight with cap on 24.58g=36.79g.										
B22010637-004A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.19g with cap on. Empty vial weight with cap on 24.77g=36.42g.										
B22010641-001H	Drinking Water	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.14g with cap on. Empty vial weight with cap on 24.61g=36.53g.										
B22010641-004A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.09g with cap on. Empty vial weight with cap on 24.79g=36.30g.										
B22010745-001A	Trip Blank	6	36	0	0	2.0	0.056	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 63.68g with cap on. Empty vial weight with cap on 28.05g=35.63g.										
B22010643-001H	Ground Water	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.12g with cap on. Empty vial weight with cap on 24.67g=36.45g.										
B22010643-005A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.15g with cap on. Empty vial weight with cap on 24.69g=36.46g.										

Number	Reagent Name	Exp Date	A
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14500	40 mL Clear VOA Lot 00081369	11/9/2026	
14543	Hexane EB754	6/4/2023	2mL
14729	Laboratory Fortified Blank Sample Concentrate	2/6/2023	14uL,3
14750	4ML, Amber Vial, 20220111	1/11/2023	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 11/6	Baked Sodium Chloride	ALL	7g	9/10/2025
PH122821504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL except CK3/	35µL	3/20/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CK3	50µL	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CK5	20µL	2/12/2023

PREP BATCH REPORT

Prep Batch **162850** | Prep Code: **PRP-8011-W** | Prep Temp: **NA °C** | Technician: **Carry L Tran** | Batch Units: **ML** | Prep Start Date: **1/11/2022 10:33:44 A** | Prep End Date: **1/11/2022 11:54:00 A**

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

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

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl 12/23/21(13	Baked Sodium Chloride	ALL	7g	6/15/2026
PH122821504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL except CAL1	35µL	3/20/2023
PH011122504C1	504.1 Cal Stock 1(0.007ug/mL) Me	CAL1,CAL7	50µL,100	2/12/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CAL2,CAL3,CAL	25µL,50µ	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CAL5,CAL6	20µL,50µ	2/12/2023
PH071421LFB	LaboratoryFortifiedBlank0.25ug/mL	LCS	14µL, 35	2/6/2023

Demonstration Of Capability

Analyst: / cna

Date: 07/19/2021 16:59

Analyte: 1,2-DIBROMO-3-CHLOROPROPANE

Instrument: JECD.i
Average Recovery: 100.0
Relative StdDev: 0.000

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	100.0	80	120	0.0	0.1	0
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	100.0	80	120	0.0	0.1	0
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	100.0	80	120	0.0	0.1	0
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	100.0	80	120	0.0	0.1	0

Analyte: 2,3-DIBROMOPROPIONIC ACID

Instrument: JECD.i
Average Recovery: 104.0
Relative StdDev: 7.571

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	104.0	80	120	7.874	10	1.25
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	111.0	80	120	7.874	10	1.25
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	93.0	80	120	7.874	10	1.25
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	108.0	80	120	7.874	10	1.25

Analyte: BROMOCHLOROACETIC ACID

Instrument: JECD.i
Average Recovery: 90.5
Relative StdDev: 2.781

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	91.0	80	120	2.517	8	0.5
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	93.0	80	120	2.517	8	0.5
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	87.0	80	120	2.517	8	0.5
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	91.0	80	120	2.517	8	0.5

Demonstration Of Capability

Analyst: / cna
Date: 07/19/2021 16:59

Analyte: DALAPON

Instrument: JECD.i
Average Recovery: 93.3
Relative StdDev: 3.202

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	97.0	80	120	2.986	8	0.5
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	94.0	80	120	2.986	8	0.5
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	92.0	80	120	2.986	8	0.5
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	90.0	80	120	2.986	8	0.5

Analyte: DIBROMOACETIC ACID

Instrument: JECD.i
Average Recovery: 94.3
Relative StdDev: 3.813

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	95.0	80	120	3.594	4	0.25
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	89.0	80	120	3.594	4	0.25
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	96.0	80	120	3.594	4	0.25
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	97.0	80	120	3.594	4	0.25

Analyte: DICHLOROACETIC ACID

Instrument: JECD.i
Average Recovery: 88.5
Relative StdDev: 1.459

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	90.0	80	120	1.291	12	0.75
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	87.0	80	120	1.291	12	0.75
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	88.0	80	120	1.291	12	0.75
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	89.0	80	120	1.291	12	0.75

Demonstration Of Capability

Analyst: / cna

Date: 07/19/2021 16:59

Analyte: MONOBROMOACETIC ACID

Instrument: JECD.i
Average Recovery: 94.5
Relative StdDev: 0.611

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	94.0	80	120	0.577	8	0.5
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	94.0	80	120	0.577	8	0.5
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	95.0	80	120	0.577	8	0.5
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	95.0	80	120	0.577	8	0.5

Analyte: MONOCHLOROACETIC ACID

Instrument: JECD.i
Average Recovery: 99.3
Relative StdDev: 1.721

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	97.0	80	120	1.708	12	0.75
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	100.0	80	120	1.708	12	0.75
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	101.0	80	120	1.708	12	0.75
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	99.0	80	120	1.708	12	0.75

Analyte: TOTAL REGULATED HALOACETIC ACIDS

Instrument: JECD.i
Average Recovery: 93.8
Relative StdDev: 1.021

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	93.0	80	120	0.957	40	0.25
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	95.0	80	120	0.957	40	0.25
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	94.0	80	120	0.957	40	0.25
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	93.0	80	120	0.957	40	0.25

Demonstration Of Capability

Analyst: / cna

Date: 07/19/2021 16:59

Analyte: TRICHLOROACETIC ACID

Instrument: JECD.i

Average Recovery: 91.8

Relative StdDev: 3.254

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	91.0	80	120	2.986	4	0.5
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	88.0	80	120	2.986	4	0.5
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	93.0	80	120	2.986	4	0.5
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	95.0	80	120	2.986	4	0.5

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
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
CAL3-162287		6	35	0	0	2.0	0.057	Bal #25	12/17/2021	12/17/2021
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.									
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.									

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/	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) Me	CAL1,CAL7	50µL,100	2/12/2023
PH092621504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CAL2,CAL3,CAL	25µL,50µ	2/12/2023
PH092621504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CAL5,CAL6	20µL,50µ	2/12/2023
PH071421LFB	LaboratoryFortifiedBlank0.25ug/mL	LCS1,LCS,MS,M	14µL, 35	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
B21121402-008A	Aqueous	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.										
B21121402-013A	Aqueous	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.										
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	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/	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) Me	CAL1,CAL7	50µL,100	2/12/2023
PH092621504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CAL2,CAL3,CAL	25µL,50µ	2/12/2023
PH092621504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CAL5,CAL6	20µL,50µ	2/12/2023
PH071421LFB	LaboratoryFortifiedBlank0.25ug/mL	LCS1,LCS,MS,M	14µL, 35	2/6/2023

Energy Laboratories Inc

ANALYTICAL RUN Summary

27-Dec-21

Run ID GECD.I_211217A

Run Start Date:	12/17/2021
Analyst:	Carry L Tran
Ical:	
Column ID:	RTX-CLP_0.53
Comments:	Reported and analyzed by CLT, supervised by SRC.

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
14936971	CAL1-162287	PST-8011-W	CAL1	GECD.I\G121721\	12/17/2021 12:1	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	0.01014	0.01011465		0.01	0	0	0.0025835	0.01	0	101%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01213	0.01209968		0.01	0	0	0.0056259	0.02	0	121%	60	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936972	CAL7-162287	PST-8011-W	CAL7	GECD.I\G121721\	12/17/2021 12:3	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	0.01926	0.01921185		0.02	0	0	0.0025835	0.01	0	96%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01854	0.01849365		0.02	0	0	0.0056259	0.02	0	92%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936973	CAL2-162287	PST-8011-W	CAL2	GECD.I\G121721\	12/17/2021 12:5	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	0.0508	0.050673		0.05	0	0	0.0025835	0.01	0	101%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.04536	0.0452466		0.05	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
14936974	CAL3-162287	PST-8011-W	CAL3	GECD.I\G121721\12/17/2021 1:10:		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	0.10323	0.10297193		0.1	0	0	0.0025835	0.01	0	103%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09575	0.09551063		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
14936975	CAL4-162287	PST-8011-W	CAL4	GECD.I\G121721\12/17/2021 1:30:		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	0.19261	0.19212848		0.2	0	0	0.0025835	0.01	0	96%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.18673	0.18626318		0.2	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
14936976	CAL5-162287	PST-8011-W	CAL5	GECD.I\G121721\12/17/2021 1:50:		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	0.40485	0.40383788		0.4	0	0	0.0025835	0.01	0	101%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.42689	0.42582278		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
14936977	CAL6-162287	PST-8011-W	CAL6	GECD.I\G121721\12/17/2021 2:10:		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	0.99909	0.99659228		1	0	0	0.0025835	0.01	0	100%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.99375	0.99126563		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
14936978	LCS-162287	PST-8011-W	ICV	GECD.I\G121721\12/17/2021 2:50:		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	0.22683	0.22626293		0.25	0	0	0.0025835	0.01	0	91%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09309	0.09285728		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
14936979	MB-162287	PST-8011-W	MBLK	GECD.I\G121721\12/17/2021 3:10:		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	0		0	0	0	0.0025835	0.005	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10274	0.10248315		0.1	0	0	0.0056259	0.02	0	102%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936980	CAL3-162287	PST-8011-W	CCV3	GECD.I\G121721\12/17/2021 3:29:		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	0.10352	0.1032612		0.1	0	0	0.0025835	0.01	0	103%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09534	0.09510165		0.1	0	0	0.0056259	0.02	0	95%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936981	LCS-162287	PST-8011-W	LCS-DOD	GECD.I\G121721\12/17/2021 3:49:		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	0.22662	0.22605345		0.25	0	0	0.0025835	0.01	0	90%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09136	0.0911316		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
14936982	LCS1-162287	PST-8011-W	LCS1	GECD.I\G121721\12/17/2021 4:09:		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	0.08982	0.08959545		0.1	0	0	0.0025835	0.01	0	90%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09118	0.09095205		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
14936983	B21010847-028	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 4:48:		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	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08739	0.08717153		0.1	0	0	0.0056259	0.02	0	87%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936984	B21121402-002	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 5:08:		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	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08883	0.0870534		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
14936985	B21121402-003	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 5:28:		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	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09088	0.0890624		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
14936986	B21121402-008	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 5:48:		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	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08996	0.0865865		0.097	0	0	0.0054285	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
14936987	B21121402-013	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 6:07:		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	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09684	0.0949032		0.098	0	0	0.0055272	0.02	0	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936988	B21121402-001	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 6:27:		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	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08646	0.0847308		0.098	0	0	0.0055272	0.02	0	86%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936989	B21121402-001	PST-8011-W	MS-DOD	GECD.I\G121721\12/17/2021 6:47:		1	162287	12/17/2021	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	0.22797	0.2234106		0.245	0	0	0.0025382	0.01	0	91%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.0924	0.090552		0.098	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
14936990	B21121402-001	PST-8011-W	MSD-DOD	GECD.I\G121721\12/17/2021 7:07:		1	162287	12/17/2021	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	0.20708	0.2029384		0.2425	0	0.2234106	0.0025382	0.01	0	84%	60	140	10%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08603	0.0843094		0.097	0	0	0.0055272	0.02	0	87%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936991	CAL5-162287	PST-8011-W	CCV4	GECD.I\G121721\12/17/2021 7:46:		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	0.35624	0.3553494		0.4	0	0	0.0025835	0.01	0	89%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.41885	0.41780288		0.4	0	0	0.0056259	0.02	0	104%	80	120	0%	

Write Sequence | Insert Entries(Have the first cell for e

Data File	Sample Name
G:\org\GECD.i\G121721.b\G1217_001	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G121721.b\G1217_002	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G121721.b\G1217_003	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G121721.b\G1217_004	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G121721.b\G1217_005	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G121721.b\G1217_006	Hexane ;
G:\org\GECD.i\G121721.b\G1217_007	CAL1-162287 ;
G:\org\GECD.i\G121721.b\G1217_008	CAL7-162287 ;
G:\org\GECD.i\G121721.b\G1217_009	CAL2-162287 ;
G:\org\GECD.i\G121721.b\G1217_010	CAL3-162287 ;
G:\org\GECD.i\G121721.b\G1217_011	CAL4-162287 ;
G:\org\GECD.i\G121721.b\G1217_012	CAL5-162287 ;
G:\org\GECD.i\G121721.b\G1217_013	CAL6-162287 ;
G:\org\GECD.i\G121721.b\G1217_014	Hexane;;
G:\org\GECD.i\G121721.b\G1217_015	LCS-162287 ;
G:\org\GECD.i\G121721.b\G1217_016	MB-162287 ;
G:\org\GECD.i\G121721.b\G1217_017	CAL3-162287 ;
G:\org\GECD.i\G121721.b\G1217_018	LCS-162287 ;
G:\org\GECD.i\G121721.b\G1217_019	LCS1-162287 ;
G:\org\GECD.i\G121721.b\G1217_020	Hexane;;
G:\org\GECD.i\G121721.b\G1217_021	B21010847-028A ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_022	B21121402-002F ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_023	B21121402-003F ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_024	B21121402-008A ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_025	B21121402-013A ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_026	B21121402-001F ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_027	B21121402-001FMS ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_028	B21121402-001FMSD ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_029	Hexane;;
G:\org\GECD.i\G121721.b\G1217_030	CAL5-162287 ;
G:\org\GECD.i\G121721.b\G1217_031	Hexane;;
G:\org\GECD.i\G121721.b\G1217_032	CK3-162289 ;
G:\org\GECD.i\G121721.b\G1217_033	MB-162289 ;
G:\org\GECD.i\G121721.b\G1217_034	LCS-162289 ;
G:\org\GECD.i\G121721.b\G1217_035	LCS1-162289 ;
G:\org\GECD.i\G121721.b\G1217_036	Hexane;;
G:\org\GECD.i\G121721.b\G1217_037	MBLKIA-162289 ;
G:\org\GECD.i\G121721.b\G1217_038	MBLKIB-162289 ;
G:\org\GECD.i\G121721.b\G1217_039	MBLKIC-162289 ;
G:\org\GECD.i\G121721.b\G1217_040	Hexane;;
G:\org\GECD.i\G121721.b\G1217_041	CK5-162289 ;
G:\org\GECD.i\G121721.b\G1217_042	
G:\org\GECD.i\G121721.b\G1217_043	

PREP BATCH REPORT

Prep Code: **PRP-8011-W** Technician: **Carry L Tran** Prep Start Date: **1/13/2022 9:02:26 AM**

Prep Batch **162903** Prep Temp: **NA °C** Batch Units: **ML** Prep End Date: **1/13/2022 1:31:00 PM**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
MB-162903		6	35	0	0	2.0	0.057		1/13/2022	1/13/2022
CLT spiked and surrogated. ORR witnessed and assisted.										
LCS-162903		6	35	0	0	2.0	0.057		1/13/2022	1/13/2022
Unlocked to add comments and final masses CLT 1/14/2022										
LCS1-162903		6	35	0	0	2.0	0.057	Bal #25	1/13/2022	1/13/2022
5mL_19K50667 calibrated/passed on 01/13/2022 prior to the extraction.										
CK3-162903		6	35	0	0	2.0	0.057	Bal #25	1/13/2022	1/13/2022
All samples poured to 35mL using a gravimetrically determined standard made by CLT on 01/13/22										
CK5-162903		6	35	0	0	2.0	0.057	Bal #25	1/13/2022	1/13/2022
Samples were put on solvent at 12:00pm. Unlocked to fix comment error 3/9/22.										
B22010507-001H	Ground Water	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.46g with cap on. Empty vial weight with cap on 24.83g=36.63g.Entire sample consumed in extraction.										
B22010507-001HMS	Ground Water	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 2/3 Combined vial and sample weight of 61.38g with cap on. Empty vial weight with cap on 24.71g=36.67g.Entire sample consumed in extraction.										
B22010507-001HMSD	Ground Water	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 3/3. Combined vial and sample weight of 61.40g with cap on. Empty vial weight with cap on 24.92g=36.48g. Entire sample consumed in extraction.										
B22010507-004A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 60.96g with cap on. Empty vial weight with cap on 24.72g=36.24g.										
B22010625-001H	Ground Water	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.31g with cap on. Empty vial weight with cap on 24.66g=36.65g.										
B22010625-004A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.04g with cap on. Empty vial weight with cap on 24.93g=36.11g.										
B22010626-001H	Ground Water	1	37	0	0	2.0	0.054	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.64g with cap on. Empty vial weight with cap on 24.63g=37.01g.										
B22010626-004A	Trip Blank	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.53g with cap on. Empty vial weight with cap on 24.87g=36.66g.										
B22010628-001H	Ground Water	1	37	0	0	2.0	0.054	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.63g with cap on. Empty vial weight with cap on 24.92g=36.71g.										

Number	Reagent Name	Exp Date	A
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14500	40 mL Clear VOA Lot 00081369	11/9/2026	
14543	Hexane EB754	6/4/2023	2mL
14729	Laboratory Fortified Blank Sample Concentrate	2/6/2023	14uL,3
14750	4ML, Amber Vial, 20220111	1/11/2023	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 11/6	Baked Sodium Chloride	ALL	7g	9/10/2025
PH122821504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL except CK3/	35µL	3/20/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CK3	50µL	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CK5	20µL	2/12/2023

PREP BATCH REPORT

Prep Code: **PRP-8011-W** Technician: **Carry L Tran** Prep Start Date: **1/13/2022 9:02:26 AM**

Prep Batch **162903** Prep Temp: **NA °C** Batch Units: **ML** Prep End Date: **1/13/2022 1:31:00 PM**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
B22010628-004A	Trip Blank	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.50g with cap on. Empty vial weight with cap on 24.99g=36.51g.										
B22010629-001H	Ground Water	1	37	0	0	2.0	0.054	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.51g with cap on. Empty vial weight with cap on 24.66g=36.85g.										
B22010629-004A	Trip Blank	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.24g with cap on. Empty vial weight with cap on 24.63g=36.61g.										
B22010633-001H	Ground Water	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 60.96g with cap on. Empty vial weight with cap on 24.78g=36.18g.										
B22010633-004A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 60.67g with cap on. Empty vial weight with cap on 24.57g=36.1g.										
B22010637-001H	Ground Water	1	37	0	0	2.0	0.054	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.37g with cap on. Empty vial weight with cap on 24.58g=36.79g.										
B22010637-004A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.19g with cap on. Empty vial weight with cap on 24.77g=36.42g.										
B22010641-001H	Drinking Water	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.14g with cap on. Empty vial weight with cap on 24.61g=36.53g.										
B22010641-004A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.09g with cap on. Empty vial weight with cap on 24.79g=36.30g.										
B22010745-001A	Trip Blank	6	36	0	0	2.0	0.056	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 63.68g with cap on. Empty vial weight with cap on 28.05g=35.63g.										
B22010643-001H	Ground Water	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.12g with cap on. Empty vial weight with cap on 24.67g=36.45g.										
B22010643-005A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.15g with cap on. Empty vial weight with cap on 24.69g=36.46g.										

Number	Reagent Name	Exp Date	A
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14500	40 mL Clear VOA Lot 00081369	11/9/2026	
14543	Hexane EB754	6/4/2023	2mL
14729	Laboratory Fortified Blank Sample Concentrate	2/6/2023	14uL,3
14750	4ML, Amber Vial, 20220111	1/11/2023	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 11/6	Baked Sodium Chloride	ALL	7g	9/10/2025
PH122821504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL except CK3/	35µL	3/20/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CK3	50µL	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CK5	20µL	2/12/2023

Demonstration Of Capability

Analyst: / cna
Date: 07/19/2021 16:59

Analyte: 1,2-DIBROMO-3-CHLOROPROPANE

Instrument: JECD.i
Average Recovery: 100.0
Relative StdDev: 0.000

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	100.0	80	120	0.0	0.1	0
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	100.0	80	120	0.0	0.1	0
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	100.0	80	120	0.0	0.1	0
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	100.0	80	120	0.0	0.1	0

Analyte: 2,3-DIBROMOPROPIONIC ACID

Instrument: JECD.i
Average Recovery: 104.0
Relative StdDev: 7.571

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	104.0	80	120	7.874	10	1.25
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	111.0	80	120	7.874	10	1.25
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	93.0	80	120	7.874	10	1.25
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	108.0	80	120	7.874	10	1.25

Analyte: BROMOCHLOROACETIC ACID

Instrument: JECD.i
Average Recovery: 90.5
Relative StdDev: 2.781

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	91.0	80	120	2.517	8	0.5
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	93.0	80	120	2.517	8	0.5
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	87.0	80	120	2.517	8	0.5
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	91.0	80	120	2.517	8	0.5

Demonstration Of Capability

Analyst: / cna
Date: 07/19/2021 16:59

Analyte: DALAPON

Instrument: JECD.i
Average Recovery: 93.3
Relative StdDev: 3.202

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	97.0	80	120	2.986	8	0.5
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	94.0	80	120	2.986	8	0.5
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	92.0	80	120	2.986	8	0.5
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	90.0	80	120	2.986	8	0.5

Analyte: DIBROMOACETIC ACID

Instrument: JECD.i
Average Recovery: 94.3
Relative StdDev: 3.813

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	95.0	80	120	3.594	4	0.25
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	89.0	80	120	3.594	4	0.25
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	96.0	80	120	3.594	4	0.25
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	97.0	80	120	3.594	4	0.25

Analyte: DICHLOROACETIC ACID

Instrument: JECD.i
Average Recovery: 88.5
Relative StdDev: 1.459

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	90.0	80	120	1.291	12	0.75
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	87.0	80	120	1.291	12	0.75
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	88.0	80	120	1.291	12	0.75
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	89.0	80	120	1.291	12	0.75

Demonstration Of Capability

Analyst: / cna
Date: 07/19/2021 16:59

Analyte: MONOBROMOACETIC ACID

Instrument: JECD.i
Average Recovery: 94.5
Relative StdDev: 0.611

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	94.0	80	120	0.577	8	0.5
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	94.0	80	120	0.577	8	0.5
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	95.0	80	120	0.577	8	0.5
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	95.0	80	120	0.577	8	0.5

Analyte: MONOCHLOROACETIC ACID

Instrument: JECD.i
Average Recovery: 99.3
Relative StdDev: 1.721

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	97.0	80	120	1.708	12	0.75
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	100.0	80	120	1.708	12	0.75
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	101.0	80	120	1.708	12	0.75
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	99.0	80	120	1.708	12	0.75

Analyte: TOTAL REGULATED HALOACETIC ACIDS

Instrument: JECD.i
Average Recovery: 93.8
Relative StdDev: 1.021

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	93.0	80	120	0.957	40	0.25
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	95.0	80	120	0.957	40	0.25
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	94.0	80	120	0.957	40	0.25
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	93.0	80	120	0.957	40	0.25

Demonstration Of Capability

Analyst: / cna
Date: 07/19/2021 16:59

Analyte: TRICHLOROACETIC ACID

Instrument: JECD.i
Average Recovery: 91.8
Relative StdDev: 3.254

Samp Type	Sample ID	Test Code	Method	Matrix	Analysis Date	Batch ID	Units	% Recovery	Low Limit	High Limit	Std Dev	Spike Value	PQL
IDOC	LCSB-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	91.0	80	120	2.986	4	0.5
IDOC	LCSA-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	88.0	80	120	2.986	4	0.5
IDOC	LCSD-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	93.0	80	120	2.986	4	0.5
IDOC	LCSC-156913	HALO-552-W-DW	E552.2	Drinking Water	6/30/2021	156913	ug/L	95.0	80	120	2.986	4	0.5

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
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
CAL3-162287		6	35	0	0	2.0	0.057	Bal #25	12/17/2021	12/17/2021
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.										
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.										

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/	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) Me	CAL1,CAL7	50µL,100	2/12/2023
PH092621504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CAL2,CAL3,CAL	25µL,50µ	2/12/2023
PH092621504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CAL5,CAL6	20µL,50µ	2/12/2023
PH071421LFB	LaboratoryFortifiedBlank0.25ug/mL	LCS1,LCS,MS,M	14µL, 35	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
B21121402-008A	Aqueous	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.										
B21121402-013A	Aqueous	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.										
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	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/	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) Me	CAL1,CAL7	50µL,100	2/12/2023
PH092621504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CAL2,CAL3,CAL	25µL,50µ	2/12/2023
PH092621504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CAL5,CAL6	20µL,50µ	2/12/2023
PH071421LFB	LaboratoryFortifiedBlank0.25ug/mL	LCS1,LCS,MS,M	14µL, 35	2/6/2023

Energy Laboratories Inc

ANALYTICAL RUN Summary

27-Dec-21

Run ID GECD.I_211217A

Run Start Date:	12/17/2021
Analyst:	Carry L Tran
Ical:	
Column ID:	RTX-CLP_0.53
Comments:	Reported and analyzed by CLT, supervised by SRC.

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
14936971	CAL1-162287	PST-8011-W	CAL1	GECD.I\G121721\	12/17/2021 12:1	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	0.01014	0.01011465		0.01	0	0	0.0025835	0.01	0	101%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01213	0.01209968		0.01	0	0	0.0056259	0.02	0	121%	60	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936972	CAL7-162287	PST-8011-W	CAL7	GECD.I\G121721\	12/17/2021 12:3	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	0.01926	0.01921185		0.02	0	0	0.0025835	0.01	0	96%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01854	0.01849365		0.02	0	0	0.0056259	0.02	0	92%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936973	CAL2-162287	PST-8011-W	CAL2	GECD.I\G121721\	12/17/2021 12:5	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	0.0508	0.050673		0.05	0	0	0.0025835	0.01	0	101%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.04536	0.0452466		0.05	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
14936974	CAL3-162287	PST-8011-W	CAL3	GECD.I\G121721\12/17/2021 1:10:		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	0.10323	0.10297193		0.1	0	0	0.0025835	0.01	0	103%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09575	0.09551063		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
14936975	CAL4-162287	PST-8011-W	CAL4	GECD.I\G121721\12/17/2021 1:30:		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	0.19261	0.19212848		0.2	0	0	0.0025835	0.01	0	96%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.18673	0.18626318		0.2	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
14936976	CAL5-162287	PST-8011-W	CAL5	GECD.I\G121721\12/17/2021 1:50:		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	0.40485	0.40383788		0.4	0	0	0.0025835	0.01	0	101%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.42689	0.42582278		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
14936977	CAL6-162287	PST-8011-W	CAL6	GECD.I\G121721\12/17/2021 2:10:		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	0.99909	0.99659228		1	0	0	0.0025835	0.01	0	100%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.99375	0.99126563		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
14936978	LCS-162287	PST-8011-W	ICV	GECD.I\G121721\12/17/2021 2:50:		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	0.22683	0.22626293		0.25	0	0	0.0025835	0.01	0	91%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09309	0.09285728		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
14936979	MB-162287	PST-8011-W	MBLK	GECD.I\G121721\12/17/2021 3:10:		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	0		0	0	0	0.0025835	0.005	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.10274	0.10248315		0.1	0	0	0.0056259	0.02	0	102%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936980	CAL3-162287	PST-8011-W	CCV3	GECD.I\G121721\12/17/2021 3:29:		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	0.10352	0.1032612		0.1	0	0	0.0025835	0.01	0	103%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09534	0.09510165		0.1	0	0	0.0056259	0.02	0	95%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936981	LCS-162287	PST-8011-W	LCS-DOD	GECD.I\G121721\12/17/2021 3:49:		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	0.22662	0.22605345		0.25	0	0	0.0025835	0.01	0	90%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09136	0.0911316		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
14936982	LCS1-162287	PST-8011-W	LCS1	GECD.I\G121721\12/17/2021 4:09:		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	0.08982	0.08959545		0.1	0	0	0.0025835	0.01	0	90%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09118	0.09095205		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
14936983	B21010847-028	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 4:48:		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	0		0	0	0	0.0025835	0.01	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08739	0.08717153		0.1	0	0	0.0056259	0.02	0	87%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936984	B21121402-002	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 5:08:		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	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08883	0.0870534		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
14936985	B21121402-003	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 5:28:		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	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09088	0.0890624		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
14936986	B21121402-008	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 5:48:		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	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08996	0.0865865		0.097	0	0	0.0054285	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
14936987	B21121402-013	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 6:07:		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	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09684	0.0949032		0.098	0	0	0.0055272	0.02	0	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936988	B21121402-001	PST-8011-W	SAMP	GECD.I\G121721\12/17/2021 6:27:		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	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08646	0.0847308		0.098	0	0	0.0055272	0.02	0	86%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936989	B21121402-001	PST-8011-W	MS-DOD	GECD.I\G121721\12/17/2021 6:47:		1	162287	12/17/2021	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	0.22797	0.2234106		0.245	0	0	0.0025382	0.01	0	91%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.0924	0.090552		0.098	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
14936990	B21121402-001	PST-8011-W	MSD-DOD	GECD.I\G121721\12/17/2021 7:07:		1	162287	12/17/2021	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	0.20708	0.2029384		0.2425	0	0.2234106	0.0025382	0.01	0	84%	60	140	10%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08603	0.0843094		0.097	0	0	0.0055272	0.02	0	87%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14936991	CAL5-162287	PST-8011-W	CCV4	GECD.I\G121721\12/17/2021 7:46:		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	0.35624	0.3553494		0.4	0	0	0.0025835	0.01	0	89%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.41885	0.41780288		0.4	0	0	0.0056259	0.02	0	104%	80	120	0%	

Write Sequence

Insert Entries(Have the first cell for e

Data File	Sample Name
G:\org\GECD.i\G121721.b\G1217_001	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G121721.b\G1217_002	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G121721.b\G1217_003	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G121721.b\G1217_004	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G121721.b\G1217_005	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G121721.b\G1217_006	Hexane ;
G:\org\GECD.i\G121721.b\G1217_007	CAL1-162287 ;
G:\org\GECD.i\G121721.b\G1217_008	CAL7-162287 ;
G:\org\GECD.i\G121721.b\G1217_009	CAL2-162287 ;
G:\org\GECD.i\G121721.b\G1217_010	CAL3-162287 ;
G:\org\GECD.i\G121721.b\G1217_011	CAL4-162287 ;
G:\org\GECD.i\G121721.b\G1217_012	CAL5-162287 ;
G:\org\GECD.i\G121721.b\G1217_013	CAL6-162287 ;
G:\org\GECD.i\G121721.b\G1217_014	Hexane;;
G:\org\GECD.i\G121721.b\G1217_015	LCS-162287 ;
G:\org\GECD.i\G121721.b\G1217_016	MB-162287 ;
G:\org\GECD.i\G121721.b\G1217_017	CAL3-162287 ;
G:\org\GECD.i\G121721.b\G1217_018	LCS-162287 ;
G:\org\GECD.i\G121721.b\G1217_019	LCS1-162287 ;
G:\org\GECD.i\G121721.b\G1217_020	Hexane;;
G:\org\GECD.i\G121721.b\G1217_021	B21010847-028A ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_022	B21121402-002F ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_023	B21121402-003F ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_024	B21121402-008A ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_025	B21121402-013A ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_026	B21121402-001F ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_027	B21121402-001FMS ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_028	B21121402-001FMSD ;$PST-8011-W,
G:\org\GECD.i\G121721.b\G1217_029	Hexane;;
G:\org\GECD.i\G121721.b\G1217_030	CAL5-162287 ;
G:\org\GECD.i\G121721.b\G1217_031	Hexane;;
G:\org\GECD.i\G121721.b\G1217_032	CK3-162289 ;
G:\org\GECD.i\G121721.b\G1217_033	MB-162289 ;
G:\org\GECD.i\G121721.b\G1217_034	LCS-162289 ;
G:\org\GECD.i\G121721.b\G1217_035	LCS1-162289 ;
G:\org\GECD.i\G121721.b\G1217_036	Hexane;;
G:\org\GECD.i\G121721.b\G1217_037	MBLKIA-162289 ;
G:\org\GECD.i\G121721.b\G1217_038	MBLKIB-162289 ;
G:\org\GECD.i\G121721.b\G1217_039	MBLKIC-162289 ;
G:\org\GECD.i\G121721.b\G1217_040	Hexane;;
G:\org\GECD.i\G121721.b\G1217_041	CK5-162289 ;
G:\org\GECD.i\G121721.b\G1217_042	
G:\org\GECD.i\G121721.b\G1217_043	

PREP BATCH REPORT

Prep Code: **PRP-8011-W** Technician: **Carry L Tran** Prep Start Date: **1/13/2022 9:02:26 AM**

Prep Batch **162903** Prep Temp: **NA °C** Batch Units: **ML** Prep End Date: **1/13/2022 1:31:00 PM**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
MB-162903		6	35	0	0	2.0	0.057		1/13/2022	1/13/2022
CLT spiked and surrogated. ORR witnessed and assisted.										
LCS-162903		6	35	0	0	2.0	0.057		1/13/2022	1/13/2022
Unlocked to add comments and final masses CLT 1/14/2022										
LCS1-162903		6	35	0	0	2.0	0.057	Bal #25	1/13/2022	1/13/2022
5mL_19K50667 calibrated/passed on 01/13/2022 prior to the extraction.										
CK3-162903		6	35	0	0	2.0	0.057	Bal #25	1/13/2022	1/13/2022
All samples poured to 35mL using a gravimetrically determined standard made by CLT on 01/13/22										
CK5-162903		6	35	0	0	2.0	0.057	Bal #25	1/13/2022	1/13/2022
Samples were put on solvent at 12:00pm. Unlocked to fix comment error 3/9/22.										
B22010507-001H	Ground Water	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.46g with cap on. Empty vial weight with cap on 24.83g=36.63g.Entire sample consumed in extraction.										
B22010507-001HMS	Ground Water	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 2/3 Combined vial and sample weight of 61.38g with cap on. Empty vial weight with cap on 24.71g=36.67g.Entire sample consumed in extraction.										
B22010507-001HMSD	Ground Water	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 3/3. Combined vial and sample weight of 61.40g with cap on. Empty vial weight with cap on 24.92g=36.48g. Entire sample consumed in extraction.										
B22010507-004A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 60.96g with cap on. Empty vial weight with cap on 24.72g=36.24g.										
B22010625-001H	Ground Water	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.31g with cap on. Empty vial weight with cap on 24.66g=36.65g.										
B22010625-004A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.04g with cap on. Empty vial weight with cap on 24.93g=36.11g.										
B22010626-001H	Ground Water	1	37	0	0	2.0	0.054	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.64g with cap on. Empty vial weight with cap on 24.63g=37.01g.										
B22010626-004A	Trip Blank	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.53g with cap on. Empty vial weight with cap on 24.87g=36.66g.										
B22010628-001H	Ground Water	1	37	0	0	2.0	0.054	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.63g with cap on. Empty vial weight with cap on 24.92g=36.71g.										

Number	Reagent Name	Exp Date	A
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14500	40 mL Clear VOA Lot 00081369	11/9/2026	
14543	Hexane EB754	6/4/2023	2mL
14729	Laboratory Fortified Blank Sample Concentrate	2/6/2023	14uL,3
14750	4ML, Amber Vial, 20220111	1/11/2023	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 11/6	Baked Sodium Chloride	ALL	7g	9/10/2025
PH122821504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL except CK3/	35µL	3/20/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CK3	50µL	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CK5	20µL	2/12/2023

PREP BATCH REPORT

Prep Code: **PRP-8011-W** Technician: **Carry L Tran** Prep Start Date: **1/13/2022 9:02:26 AM**

Prep Batch **162903** Prep Temp: **NA °C** Batch Units: **ML** Prep End Date: **1/13/2022 1:31:00 PM**

Sample ID	Matrix	pH	Initial Samp Amt	Sol Added	Sol Recovered	Final Vol (mL)	Factor	Balance	Prep Start Date	Prep End Date
B22010628-004A	Trip Blank	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.50g with cap on. Empty vial weight with cap on 24.99g=36.51g.										
B22010629-001H	Ground Water	1	37	0	0	2.0	0.054	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.51g with cap on. Empty vial weight with cap on 24.66g=36.85g.										
B22010629-004A	Trip Blank	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.24g with cap on. Empty vial weight with cap on 24.63g=36.61g.										
B22010633-001H	Ground Water	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 60.96g with cap on. Empty vial weight with cap on 24.78g=36.18g.										
B22010633-004A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 60.67g with cap on. Empty vial weight with cap on 24.57g=36.1g.										
B22010637-001H	Ground Water	1	37	0	0	2.0	0.054	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.37g with cap on. Empty vial weight with cap on 24.58g=36.79g.										
B22010637-004A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.19g with cap on. Empty vial weight with cap on 24.77g=36.42g.										
B22010641-001H	Drinking Water	1	37	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.14g with cap on. Empty vial weight with cap on 24.61g=36.53g.										
B22010641-004A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.09g with cap on. Empty vial weight with cap on 24.79g=36.30g.										
B22010745-001A	Trip Blank	6	36	0	0	2.0	0.056	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 63.68g with cap on. Empty vial weight with cap on 28.05g=35.63g.										
B22010643-001H	Ground Water	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/3. Combined vial and sample weight of 61.12g with cap on. Empty vial weight with cap on 24.67g=36.45g.										
B22010643-005A	Trip Blank	1	36	0	0	2.0	0.055	Bal #25	1/13/2022	1/13/2022
Vial 1/2. Combined vial and sample weight of 61.15g with cap on. Empty vial weight with cap on 24.69g=36.46g.										

Number	Reagent Name	Exp Date	A
11	Carbon Filter Water	1/1/2023	35mL
14206	pH-indicator Strips 0-14 HC160347	8/26/2026	
14500	40 mL Clear VOA Lot 00081369	11/9/2026	
14543	Hexane EB754	6/4/2023	2mL
14729	Laboratory Fortified Blank Sample Concentrate	2/6/2023	14uL,3
14750	4ML, Amber Vial, 20220111	1/11/2023	

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl(13054) 11/6	Baked Sodium Chloride	ALL	7g	9/10/2025
PH122821504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL except CK3/	35µL	3/20/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CK3	50µL	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CK5	20µL	2/12/2023

PREP BATCH REPORT

Prep Code: **PRP-8011-W** Technician: **Carry L Tran** Prep Start Date: **1/11/2022 10:33:44 A**

Prep Batch **162850** Prep Temp: **NA °C** Batch Units: **ML** Prep End Date: **1/11/2022 11:54:00 A**

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

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

Spk ID	Spike Name	SampType	AmtAdd	Exp Date
NaCl 12/23/21(13	Baked Sodium Chloride	ALL	7g	6/15/2026
PH122821504Su	504.1 Surrogate (0.1ug/mL)MeOH	ALL except CAL1	35µL	3/20/2023
PH011122504C1	504.1 Cal Stock 1(0.007ug/mL) Me	CAL1,CAL7	50µL,100	2/12/2023
PH011122504C2	504.1 Cal Stock 2(0.07ug/mL) MeO	CAL2,CAL3,CAL	25µL,50µ	2/12/2023
PH011122504C3	504.1 Cal Stock 3(0.7ug/mL) MeO	CAL5,CAL6	20µL,50µ	2/12/2023
PH071421LFB	LaboratoryFortifiedBlank0.25ug/mL	LCS	14µL, 35	2/6/2023

Energy Laboratories Inc

ANALYTICAL RUN Summary

09-Mar-22

Run ID GECD.I_220113A

Run Start Date:	1/13/2022
Analyst:	Carry L Tran
Ical:	
Column ID:	RTX-CLP_0.53
Comments:	

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

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980642	CAL1-162850	PST-8011-W	CAL1	GECD.I\G011322\	1/13/2022 3:03:5	1	162850	1/11/2022 1	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.01006	0.01003485		0.01	0	0	0.0025835	0.01	0	100%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01189	0.01186028		0.01	0	0	0.0056259	0.02	0	119%	60	140	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980643	CAL7-162850	PST-8011-W	CAL7	GECD.I\G011322\	1/13/2022 3:23:5	1	162850	1/11/2022 1	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.02041	0.02035898		0.02	0	0	0.0025835	0.01	0	102%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.01793	0.01788518		0.02	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
14980644	CAL2-162850	PST-8011-W	CAL2	GECD.I\G011322\	1/13/2022 3:44:0	1	162850	1/11/2022 1	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.05153	0.05140118		0.05	0	0	0.0025835	0.01	0	103%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.04675	0.04663313		0.05	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
14980645	CAL3-162850	PST-8011-W	CAL3	GECD.I\G011322\	1/13/2022 4:04:1	1	162850	1/11/2022	1	0	0

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.10207	0.10181483		0.1	0	0	0.0025835	0.01	0	102%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09664	0.0963984		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
14980646	CAL4-162850	PST-8011-W	CAL4	GECD.I\G011322\	1/13/2022 4:24:0	1	162850	1/11/2022	1	0	0

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.20318	0.20267205		0.2	0	0	0.0025835	0.01	0	101%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.19673	0.19623818		0.2	0	0	0.0056259	0.02	0	98%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980647	CAL5-162850	PST-8011-W	CAL5	GECD.I\G011322\	1/13/2022 4:44:0	1	162850	1/11/2022	1	0	0

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.39656	0.3955686		0.4	0	0	0.0025835	0.01	0	99%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.41316	0.4121271		0.4	0	0	0.0056259	0.02	0	103%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980648	CAL6-162850	PST-8011-W	CAL6	GECD.I\G011322\	1/13/2022 5:04:0	1	162850	1/11/2022	1	0	0

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	1.00046	0.99795885		1	0	0	0.0025835	0.01	0	100%	70	130	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.99656	0.9940686		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
14980649	LCS-162850	PST-8011-W	ICV	GECD.I\G011322\	1/13/2022 5:44:2	1	162850	1/11/2022	1	0	0

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.24046	0.23985885		0.25	0	0	0.0025835	0.01	0	96%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08647	0.08625383		0.1	0	0	0.0056259	0.02	0	86%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980650	CK3-162903	PST-8011-W	CCV3	GECD.I\G011322\	1/13/2022 6:04:3	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.10269	0.10243328		0.1	0	0	0.0025835	0.01	0	102%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.0945	0.09426375		0.1	0	0	0.0056259	0.02	0	94%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980651	MB-162903	PST-8011-W	MBLK	GECD.I\G011322\	1/13/2022 6:24:3	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025835	0.005	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08439	0.08417903		0.1	0	0	0.0056259	0.02	0	84%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980652	LCS-162903	PST-8011-W	LCS-DOD	GECD.I\G011322\	1/13/2022 6:44:3	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.23489	0.23430278		0.25	0	0	0.0025835	0.01	0	94%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08403	0.08381993		0.1	0	0	0.0056259	0.02	0	84%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980653	LCS1-162903	PST-8011-W	LCS1	GECD.I\G011322\	1/13/2022 7:04:3	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.097	0.0967575		0.1	0	0	0.0025835	0.01	0	97%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08442	0.08420895		0.1	0	0	0.0056259	0.02	0	84%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980654	B22010507-004	PST-8011-W	SAMP	GECD.I\G011322\	1/13/2022 7:44:4	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.0857	0.08248625		0.097	0	0	0.0054285	0.02	0	85%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980655	B22010625-001	PST-8011-W	SAMP	GECD.I\G011322\	1/13/2022 8:04:4	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09892	0.0952105		0.095	0	0	0.0054285	0.02	0	100%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980656	B22010625-004	PST-8011-W	SAMP	GECD.I\G011322\	1/13/2022 8:24:4	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08486	0.08167775		0.097	0	0	0.0054285	0.02	0	84%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980657	B22010626-001	PST-8011-W	SAMP	GECD.I\G011322\	1/13/2022 8:44:5	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024476	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08752	0.0827064		0.095	0	0	0.0053298	0.02	0	87%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980658	B22010626-004	PST-8011-W	SAMP	GECD.I\G011322\	1/13/2022 9:04:4	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08499	0.08180288		0.095	0	0	0.0054285	0.02	0	86%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980659	B22010628-001	PST-8011-W	SAMP	GECD.I\G011322\	1/13/2022 9:24:3	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024476	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08997	0.08502165		0.095	0	0	0.0053298	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
14980660	B22010628-004	PST-8011-W	SAMP	GECD.I\G011322\	1/13/2022 9:44:4	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09626	0.09265025		0.096	0	0	0.0054285	0.02	0	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980661	B22010629-001	PST-8011-W	SAMP	GECD.I\G011322\	1/13/2022 10:04:	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024476	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08731	0.08250795		0.095	0	0	0.0053298	0.02	0	87%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980662	B22010629-004	PST-8011-W	SAMP	GECD.I\G011322\	1/13/2022 10:24:	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08168	0.078617		0.096	0	0	0.0054285	0.02	0	82%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980663	B22010507-001	PST-8011-W	SAMP	GECD.I\G011322\	1/13/2022 10:44:	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08736	0.084084		0.096	0	0	0.0054285	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
14980664	B22010507-001	PST-8011-W	MS-DOD	GECD.I\G011322\	1/13/2022 11:04:	1	162903	1/13/2022 9:	1E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.23867	0.22971988		0.2375	0	0	0.0024929	0.01	0	97%	60	140	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08869	0.08536413		0.095	0	0	0.0054285	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
14980665	B22010507-001	PST-8011-W	MSD-DOD	GECD.I\G011322\	1/13/2022 11:24:	1	162903	1/13/2022 9:	1E+07	1E+07	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.24586	0.23664025		0.24	0	0.2297199	0.0024929	0.01	0	99%	60	140	3%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09028	0.0868945		0.096	0	0	0.0054285	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
14980666	CK5-162903	PST-8011-W	CCV4	GECD.I\G011322\	1/14/2022 12:05:	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.413	0.4119675		0.4	0	0	0.0025835	0.01	0	103%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.42758	0.42651105		0.4	0	0	0.0056259	0.02	0	107%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980667	B22010633-001	PST-8011-W	SAMP	GECD.I\G011322\	1/14/2022 12:44:	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08509	0.08189913		0.097	0	0	0.0054285	0.02	0	84%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980668	B22010633-004	PST-8011-W	SAMP	GECD.I\G011322\	1/14/2022 1:05:0	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08451	0.08134088		0.097	0	0	0.0054285	0.02	0	84%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980669	B22010637-001	PST-8011-W	SAMP	GECD.I\G011322\	1/14/2022 1:25:1	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024476	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.086	0.08127		0.095	0	0	0.0053298	0.02	0	86%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980670	B22010637-004	PST-8011-W	SAMP	GECD.I\G011322\	1/14/2022 1:45:1	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08528	0.082082		0.096	0	0	0.0054285	0.02	0	86%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980671	B22010641-001	PST-8011-W	SAMP	GECD.I\G011322\	1/14/2022 2:05:2	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.09725	0.09360313		0.096	0	0	0.0054285	0.02	0	98%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980672	B22010641-004	PST-8011-W	SAMP	GECD.I\G011322\	1/14/2022 2:25:1	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08383	0.08068638		0.096	0	0	0.0054285	0.02	0	84%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980673	B22010745-001	PST-8011-W	SAMP	GECD.I\G011322\	1/14/2022 2:45:1	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0025382	0.01	0	0%	0	0	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.08332	0.0816536		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
14980674	B22010643-001	PST-8011-W	SAMP	GECD.I\G011322\	1/14/2022 3:05:1	1	162903	1/13/2022 1	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.10312	0.099253		0.096	0	0	0.0054285	0.02	0	103%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980675	B22010643-005	PST-8011-W	SAMP	GECD.I\G011322\	1/14/2022 3:25:3	1	162903	1/13/2022 1	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0024929	0.01	0	0%	0	0	0%	U
1,1,1,2-Tetrachloroethane	S	ug/L	0.08452	0.0813505		0.096	0	0	0.0054285	0.02	0	85%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14980676	CK3-162903	PST-8011-W	CCV3	GECD.I\G011322\	1/14/2022 4:05:1	1	162903	1/13/2022 9:	0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0.10279	0.10253303		0.1	0	0	0.0025835	0.01	0	103%	80	120	0%	
1,1,1,2-Tetrachloroethane	S	ug/L	0.09645	0.09620888		0.1	0	0	0.0056259	0.02	0	96%	80	120	0%	

Write Sequence

Insert Entries(Have the first cell for

Data File	Sample Name
G:\org\GECD.i\G011322.b\G0113_001	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G011322.b\G0113_002	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G011322.b\G0113_003	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G011322.b\G0113_004	8011Primer ;0.1ug/L$PST-8011-W,C3
G:\org\GECD.i\G011322.b\G0113_005	8011Primer ;0.2ug/L$PST-8011-W,C4
G:\org\GECD.i\G011322.b\G0113_006	Hexane ;
G:\org\GECD.i\G011322.b\G0113_007	CK2-162875 ;
G:\org\GECD.i\G011322.b\G0113_008	Hexane;;
G:\org\GECD.i\G011322.b\G0113_009	B22010661-001A ;$PST-504-W-DW,
G:\org\GECD.i\G011322.b\G0113_010	B22010711-001F ;$PST-504-W-DW,
G:\org\GECD.i\G011322.b\G0113_011	Hexane;;
G:\org\GECD.i\G011322.b\G0113_012	CK4-162875 ;
G:\org\GECD.i\G011322.b\G0113_013	Hexane;;
G:\org\GECD.i\G011322.b\G0113_014	CAL1-162850 ;
G:\org\GECD.i\G011322.b\G0113_015	CAL7-162850 ;
G:\org\GECD.i\G011322.b\G0113_016	CAL2-162850 ;
G:\org\GECD.i\G011322.b\G0113_017	CAL3-162850 ;
G:\org\GECD.i\G011322.b\G0113_018	CAL4-162850 ;
G:\org\GECD.i\G011322.b\G0113_019	CAL5-162850 ;
G:\org\GECD.i\G011322.b\G0113_020	CAL6-162850 ;
G:\org\GECD.i\G011322.b\G0113_021	Hexane ;
G:\org\GECD.i\G011322.b\G0113_022	LCS-162850 ;
G:\org\GECD.i\G011322.b\G0113_023	CK3-162903 ;
G:\org\GECD.i\G011322.b\G0113_024	MB-162903 ;
G:\org\GECD.i\G011322.b\G0113_025	LCS-162903 ;
G:\org\GECD.i\G011322.b\G0113_026	LCS1-162903 ;
G:\org\GECD.i\G011322.b\G0113_027	Hexane;;
G:\org\GECD.i\G011322.b\G0113_028	B22010507-004A ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_029	B22010625-001H ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_030	B22010625-004A ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_031	B22010626-001H ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_032	B22010626-004A ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_033	B22010628-001H ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_034	B22010628-004A ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_035	B22010629-001H ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_036	B22010629-004A ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_037	B22010507-001H ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_038	B22010507-001HMS ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_039	B22010507-001HMSD ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_040	Hexane;;
G:\org\GECD.i\G011322.b\G0113_041	CK5-162903 ;
G:\org\GECD.i\G011322.b\G0113_042	Hexane;;
G:\org\GECD.i\G011322.b\G0113_043	B22010633-001H ;$PST-8011-W,

G:\org\GECD.i\G011322.b\G0113_044	B22010633-004A ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_045	B22010637-001H ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_046	B22010637-004A ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_047	B22010641-001H ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_048	B22010641-004A ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_049	B22010745-001A ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_050	B22010643-001H ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_051	B22010643-005A ;$PST-8011-W,
G:\org\GECD.i\G011322.b\G0113_052	Hexane;;
G:\org\GECD.i\G011322.b\G0113_053	CK3-162903 ;
G:\org\GECD.i\G011322.b\G0113_054	
G:\org\GECD.i\G011322.b\G0113_055	
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G:\org\GECD.i\G011322.b\G0113_086	
G:\org\GECD.i\G011322.b\G0113_087	
G:\org\GECD.i\G011322.b\G0113_088	
G:\org\GECD.i\G011322.b\G0113_089	

Quantitative Analysis Results Summary Report

Batch Path	\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin		
Analysis Time	1/17/2022 9:31 AM	**Analyst Name**	BL2000\ctran
Report Time	3/9/2022 10:09:33 AM	**Reporter Name**	BL2000\ctran
Last Calib Update	1/14/2022 1:27 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
G0113_014.0014.D	CAL1-162850	CC		0	1	testAcqFileNamePath
G0113_015.0015.D	CAL7-162850	CC		0	7	testAcqFileNamePath
G0113_016.0016.D	CAL2-162850	CC		0	2	testAcqFileNamePath
G0113_017.0017.D	CAL3-162850	CC		0	3	testAcqFileNamePath
G0113_018.0018.D	CAL4-162850	CC		0	4	testAcqFileNamePath
G0113_019.0019.D	CAL5-162850	CC		0	5	testAcqFileNamePath
G0113_020.0020.D	CAL6-162850	CC		0	6	testAcqFileNamePath
G0113_022.0022.D	LCS-162850	QC		0	LCS	testAcqFileNamePath
G0113_024.0024.D	MB-162903	MethodBlank		0		testAcqFileNamePath

Quantitation Results

Compound: 1,2-Dibromoethane

Data File	Sample Type	RT	Resp	Final Conc	Exp. Conc	Accuracy
G0113_014.0014.D	CC	2.357	1844	0.0101	0.0100	100.6
G0113_015.0015.D	CC	2.356	3738	0.0204	0.0200	102.0
G0113_016.0016.D	CC	2.358	9402	0.0515	0.0500	103.1
G0113_017.0017.D	CC	2.355	18511	0.1021	0.1000	102.1
G0113_018.0018.D	CC	2.357	36398	0.2032	0.2000	101.6
G0113_019.0019.D	CC	2.355	69362	0.3966	0.4000	99.1
G0113_020.0020.D	CC	2.353	161770	1.0005	1.0000	100.0
G0113_022.0022.D	QC	2.355	42880	0.2405	0.2500	96.2
G0113_024.0024.D	Blank	2.248	0	ND		

Compound: 1,1,1,2-Tetrachloroethane

Data File	Sample Type	RT	Resp	Final Conc	Exp. Conc	Accuracy
G0113_014.0014.D	CC	2.900	368	0.0119	0.0100	118.9
G0113_015.0015.D	CC	2.897	2420	0.0179	0.0200	89.6
G0113_016.0016.D	CC	2.894	12294	0.0467	0.0500	93.5
G0113_017.0017.D	CC	2.892	29683	0.0966	0.1000	96.6
G0113_018.0018.D	CC	2.893	65698	0.1967	0.2000	98.4
G0113_019.0019.D	CC	2.891	148732	0.4132	0.4000	103.3
G0113_020.0020.D	CC	2.889	407710	0.9966	1.0000	99.7
G0113_022.0022.D	QC	2.891	26109	0.0865	0.1000	86.5
G0113_024.0024.D	Blank	2.892	25377	0.0844		

Initial Calibration Report - WJB

Method Path	\\MASSHUNTER\Org\Data\GECD.I\GECD_methods
Method File	G011322_8011_W_CLT.m
Batch Name	\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin
Last Calib Update	1/14/2022 1:27:49 PM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_014.0014.D	1/13/2022 3:03:56 PM	1/14/2022 1:27:49 PM
7	\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_015.0015.D	1/13/2022 3:23:58 PM	1/14/2022 1:27:49 PM
2	\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_016.0016.D	1/13/2022 3:44:07 PM	1/14/2022 1:27:49 PM
3	\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_017.0017.D	1/13/2022 4:04:10 PM	1/14/2022 1:27:49 PM
4	\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_018.0018.D	1/13/2022 4:24:02 PM	1/14/2022 1:27:49 PM
5	\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_019.0019.D	1/13/2022 4:44:07 PM	1/14/2022 1:27:49 PM
6	\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_020.0020.D	1/13/2022 5:04:08 PM	1/14/2022 1:27:49 PM

Compound	Curve Fit	1	7	2	3	4	5	6	Avg RF	%RSD
M 1,2-Dibromoethane	Quadratic	184388	186891	188034	185112	181990	173405	161770	180227	5.248
S 1,1,1,2-Tetrachloroethane	Quadratic	36829	120988	245886	296826	328490	371830	407710	258366	52.331

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

Compounds with Curve fitting not using Avg Response Factor:

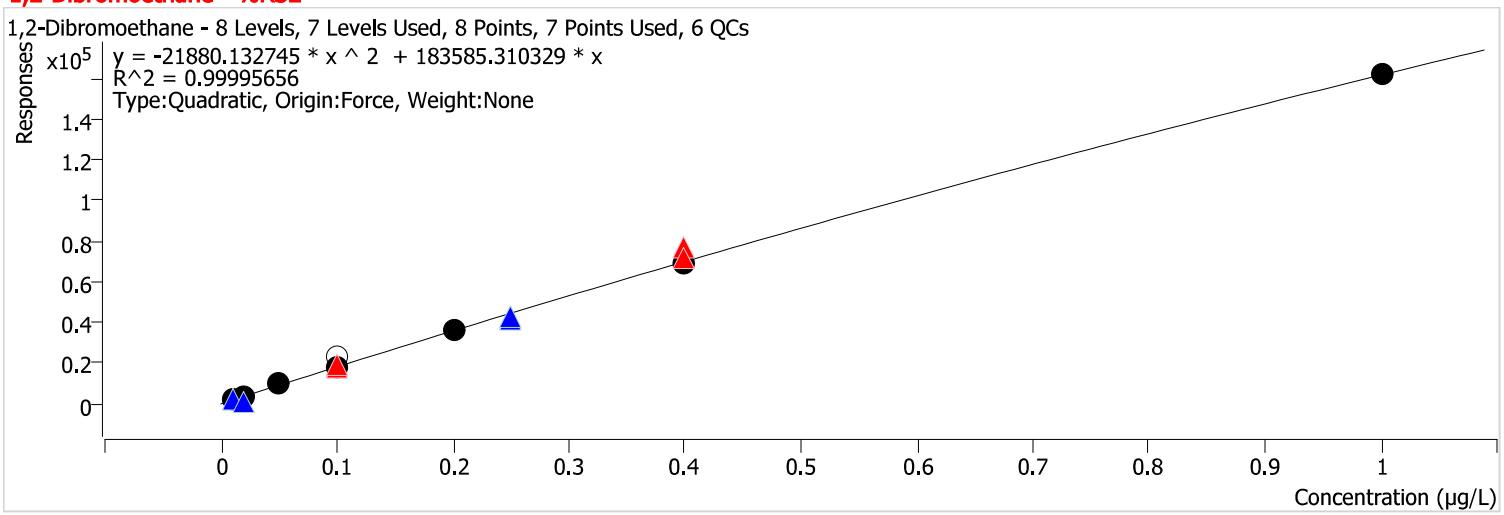
Compound	Curve Fit	Curve Fit Formula	Curve Fit R2
M 1,2-Dibromoethane	Quadratic	y = -21880.132745 * x ^ 2 + 183585.310329 * x	0.999957
S 1,1,1,2-Tetrachloroethane	Quadratic	y = 75325.121220 * x ^ 2 + 337720.939536 * x - 3658.171241	0.999225

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

Calibration Report

Batch Path	\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin		
Analysis Time	1/17/2022 9:31 AM	**Analyst Name**	BL2000\ctran
Report Time	3/9/2022 10:19:44 AM	**Reporter Name**	BL2000\ctran
Last Calib Update	1/14/2022 1:27 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dibromoethane %RSE =

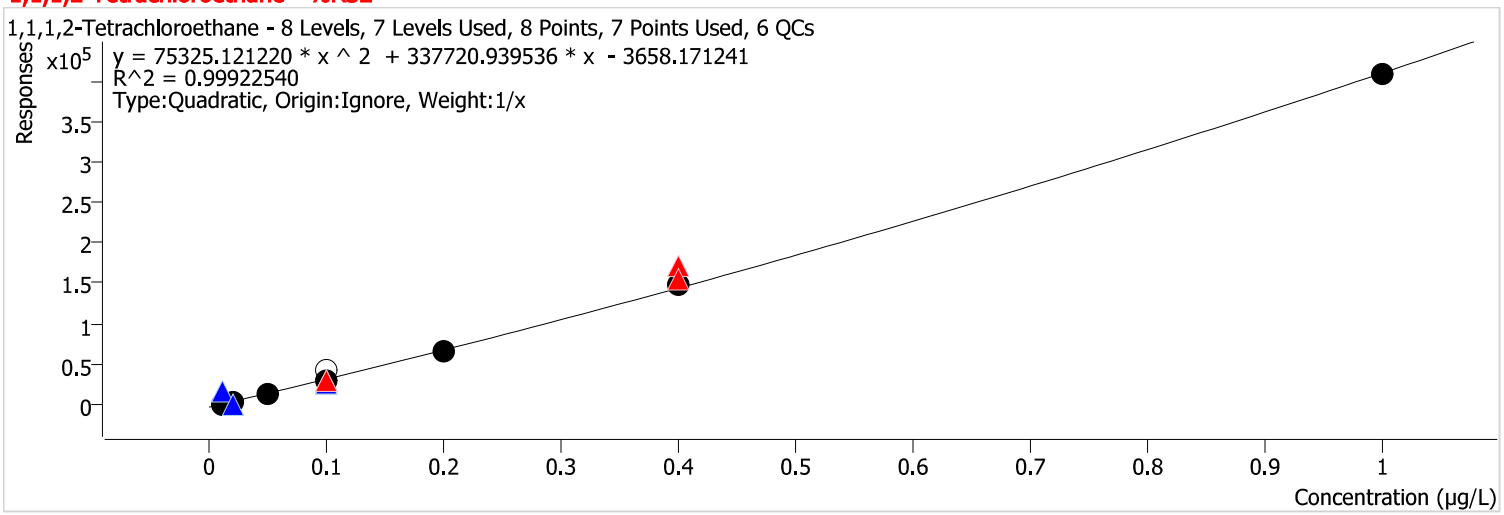


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\GECD.I\G092121\aiaexport\G0921_026.0026.D	QC	1	x	1707	0.0100	170728.9447	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_014.0014.D	Calibration	1	x	1844	0.0100	184387.8299	
D:\Org\Data\GECD.I\G091321\aiaexport\G0913_018.0018.D	QC	7	x	1335	0.0200	66739.7425	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_015.0015.D	Calibration	7	x	3738	0.0200	186891.1725	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_016.0016.D	Calibration	2	x	9402	0.0500	188034.3254	
\\MASSHUNTER\Org\Data\GECD.I\G111820\aiaexport\G1118_016.0016.D	Calibration	CC3		22970	0.1000		
D:\Org\Data\GECD.I\G081021\aiaexport\G0810_016.0016.D	QC	CC3		21004	0.1000	210042.4247	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_061.0061.D	CC	CC3		19101	0.1000	191007.5606	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_053.0053.D	CC	3	x	18105	0.1000	181049.8998	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_026.0026.D	QC	LCS1	x	17601	0.1000	176011.6706	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_023.0023.D	CC	3	x	18622	0.1000	186221.3841	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_017.0017.D	Calibration	3	x	18511	0.1000	185111.7395	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_018.0018.D	Calibration	4	x	36398	0.2000	181989.9465	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_025.0025.D	QC	LCS	x	41915	0.2500	167661.9266	1.608658
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_022.0022.D	QC	LCS	x	42880	0.2500	171520.0993	1.608658
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_074.0074.D	CC	CC5	x	77330	0.4000	193324.5351	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_041.0041.D	CC	5	x	72088	0.4000	180220.6663	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_019.0019.D	Calibration	5	x	69362	0.4000	173404.6696	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_020.0020.D	Calibration	6	x	161770	1.0000	161769.9236	

Calibration Report

Batch Path	\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin		
Analysis Time	1/17/2022 9:31 AM	**Analyst Name**	BL2000\ctran
Report Time	3/9/2022 10:19:49 AM	**Reporter Name**	BL2000\ctran
Last Calib Update	1/14/2022 1:27 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

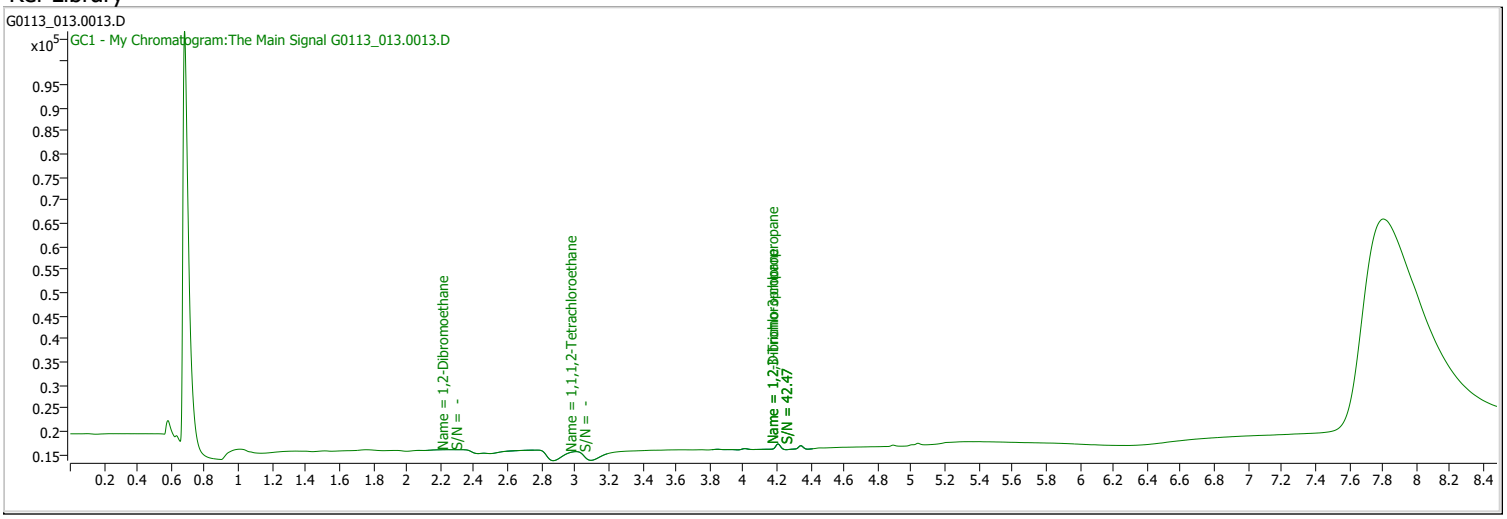
1,1,1,2-Tetrachloroethane %RSE =



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	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_014.0014.D	Calibration	1	x	368	0.0100	36828.9417	
D:\Org\Data\GECD.I\G091321\aiaexport\G0913_018.0018.D	QC	7	x	686	0.0200	34275.7771	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_015.0015.D	Calibration	7	x	2420	0.0200	120988.3831	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_016.0016.D	Calibration	2	x	12294	0.0500	245886.3463	
\\MASSHUNTER\Org\Data\GECD.I\G111820\aiaexport\G1118_016.0016.D	Calibration	CC3		41065	0.1000		
D:\Org\Data\GECD.I\G081021\aiaexport\G0810_016.0016.D	QC	CC3		42481	0.1000	424813.5788	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_061.0061.D	CC	CC3		29228	0.1000	292276.2189	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_053.0053.D	CC	3	x	29615	0.1000	296148.9882	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_026.0026.D	QC	LCS1	x	25387	0.1000	253873.7479	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_025.0025.D	QC	LCS	x	25253	0.1000	252532.5526	2.355819
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_023.0023.D	CC	3	x	28931	0.1000	289307.3070	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_022.0022.D	QC	LCS	x	26109	0.1000	261088.5317	2.355819
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_017.0017.D	Calibration	3	x	29683	0.1000	296825.5825	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_018.0018.D	Calibration	4	x	65698	0.2000	328490.2451	
D:\Org\Data\GECD.I\G122121\aiaexport\G1221_074.0074.D	CC	CC5	x	169695	0.4000	424236.9956	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_041.0041.D	CC	5	x	154517	0.4000	386293.6522	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_019.0019.D	Calibration	5	x	148732	0.4000	371830.0846	
\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_020.0020.D	Calibration	6	x	407710	1.0000	407710.4302	

Quantitation Results Report (QT Reviewed)

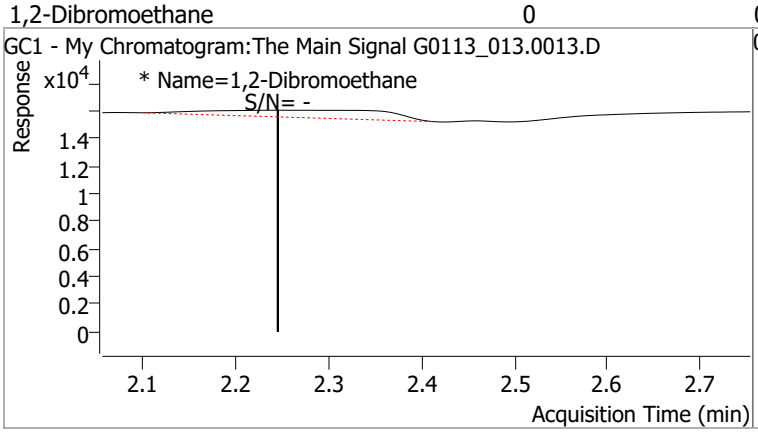
Data File	G0113_013.0013.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 2:44:10 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

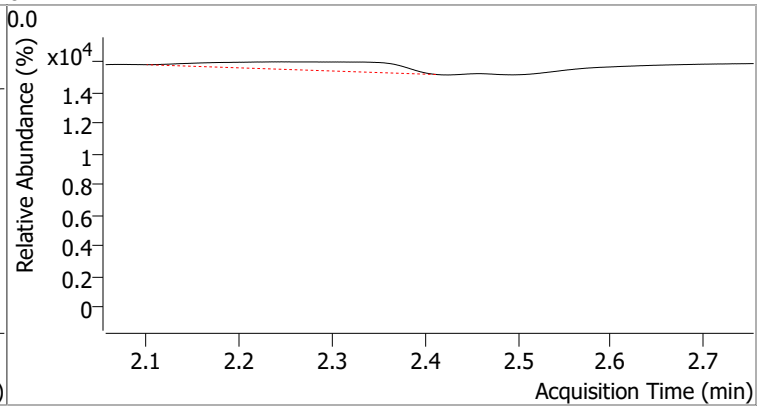


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.008	0.0	0		µg/L	md	0.117
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.245	0.0	0		µg/L	md	1

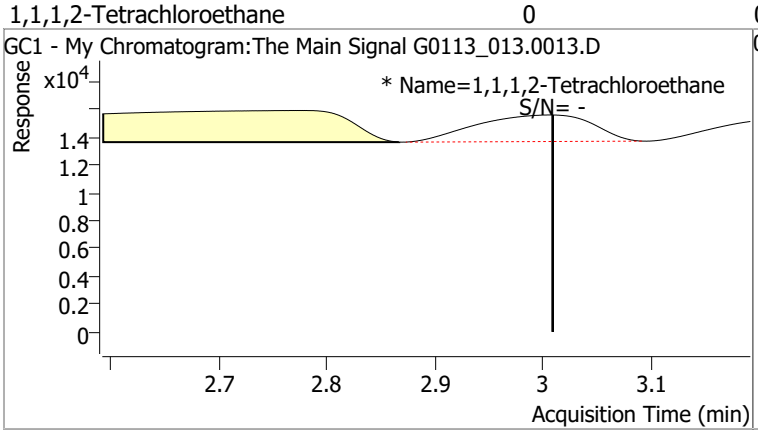
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

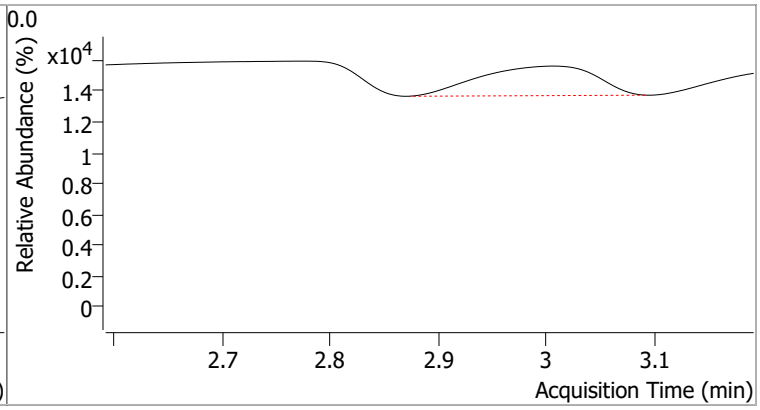
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





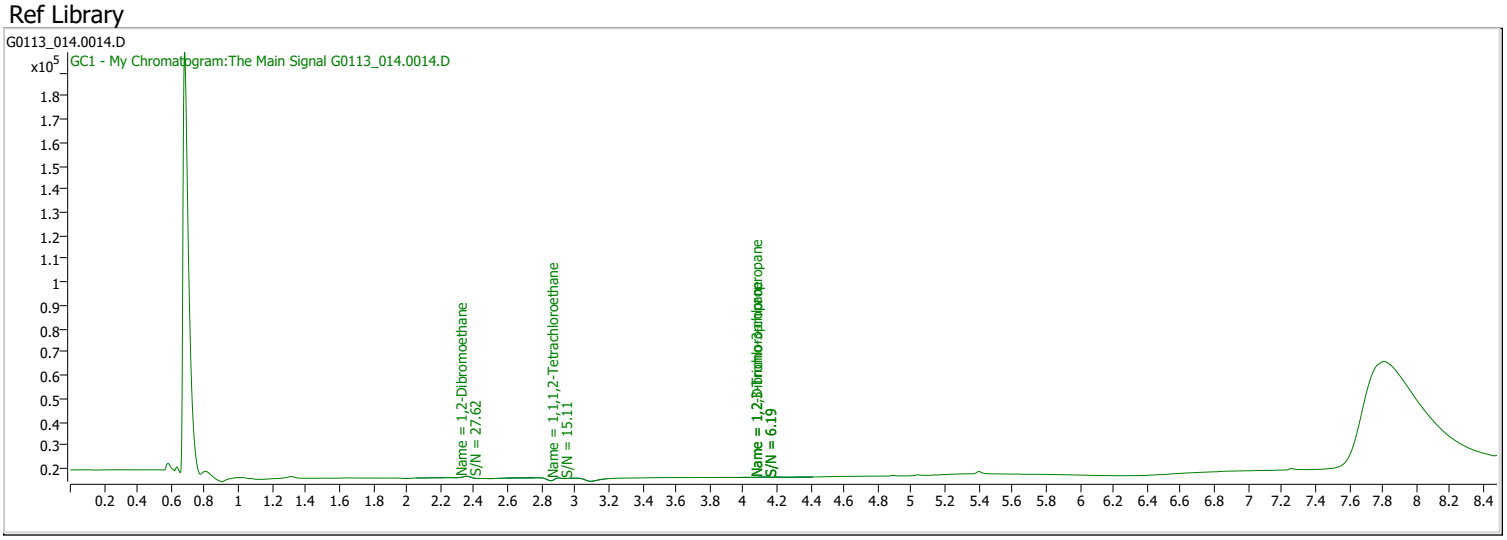
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

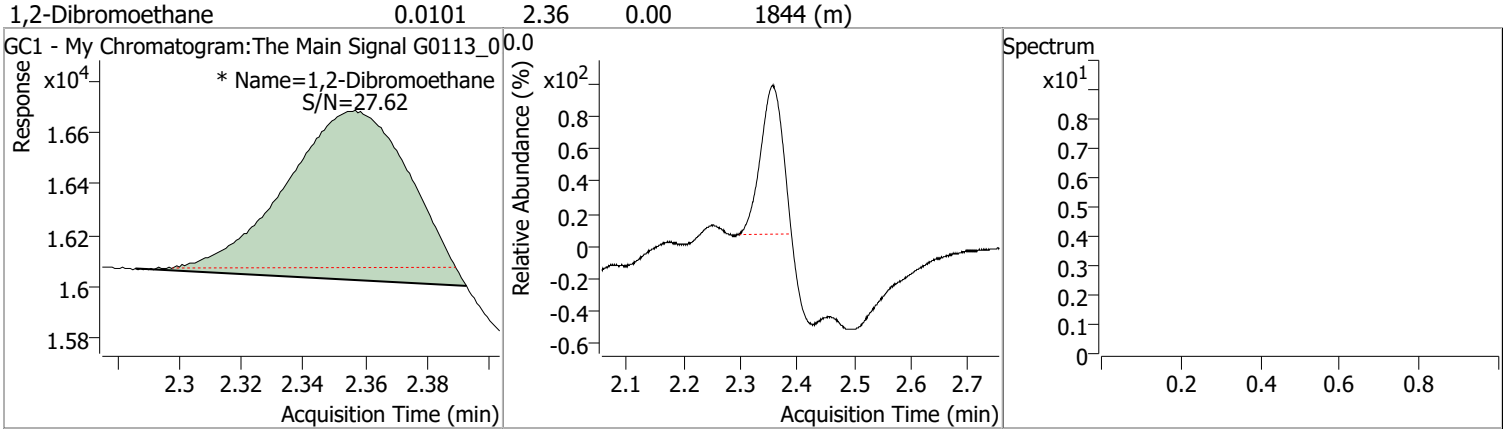
Data File	G0113_014.0014.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 3:03:56 PM
Sample Name	CAL1-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			



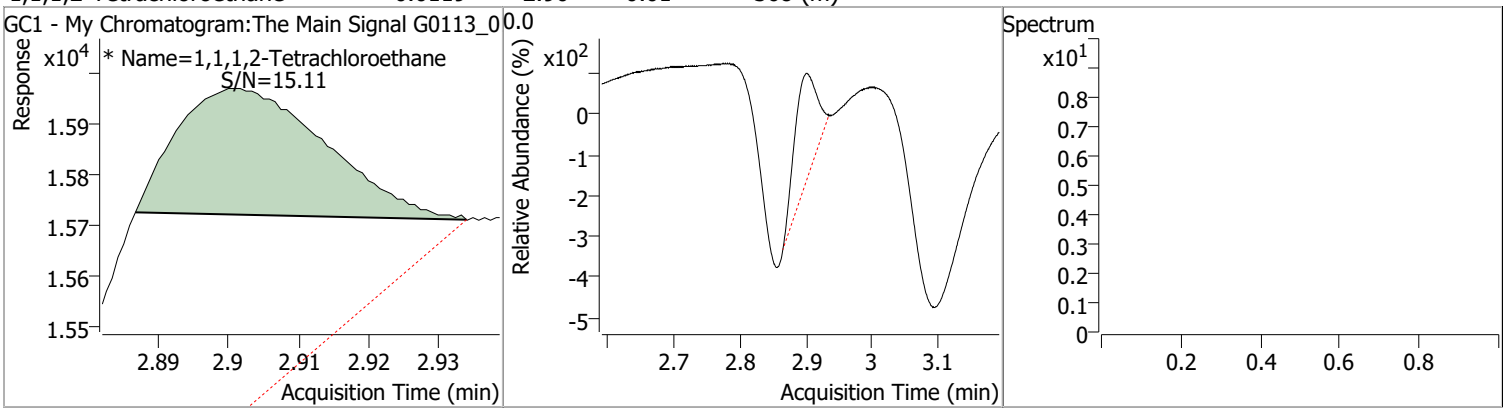
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.900	0.0	368	0.0119	µg/L	m	0.008
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 11.89%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.357	0.0	1844	0.0101	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	0.0101	2.36	0.00	1844 (m)				



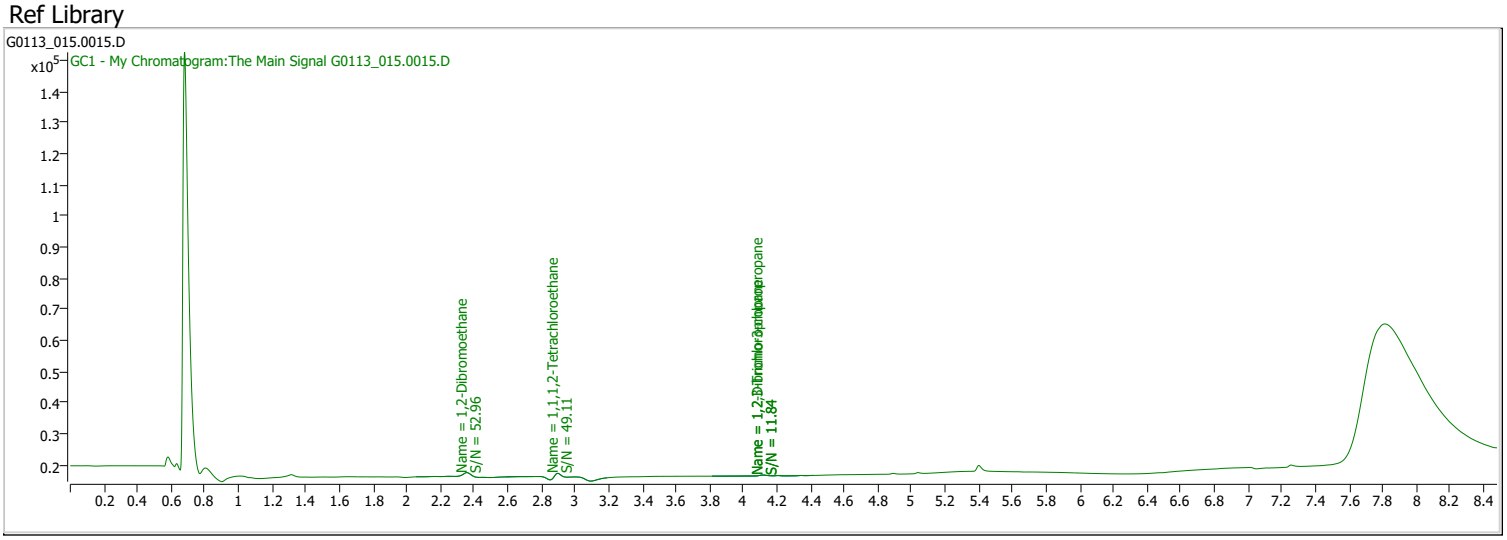
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0119	2.90	0.01	368 (m)				



Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

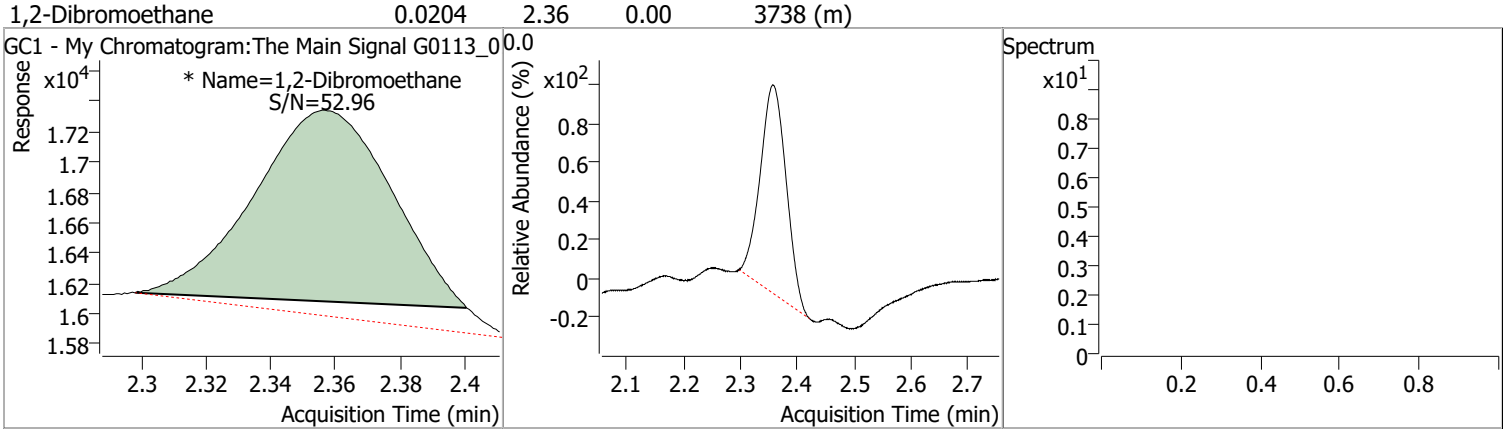
Data File	G0113_015.0015.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 3:23:58 PM
Sample Name	CAL7-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			



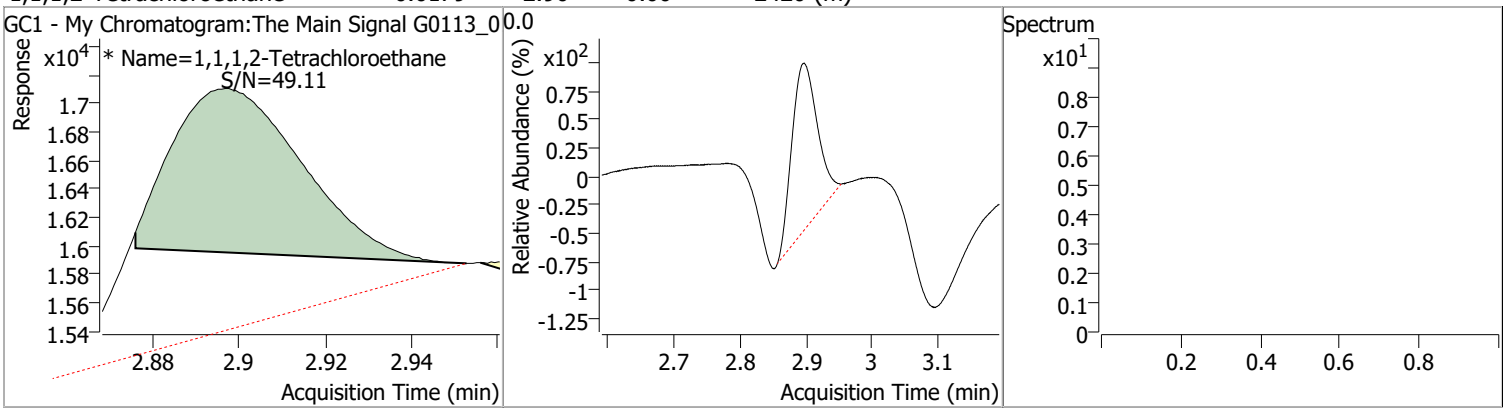
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.897	0.0	2420	0.0179	µg/L	m	0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 17.93%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.356	0.0	3738	0.0204	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	0.0204	2.36	0.00	3738 (m)				

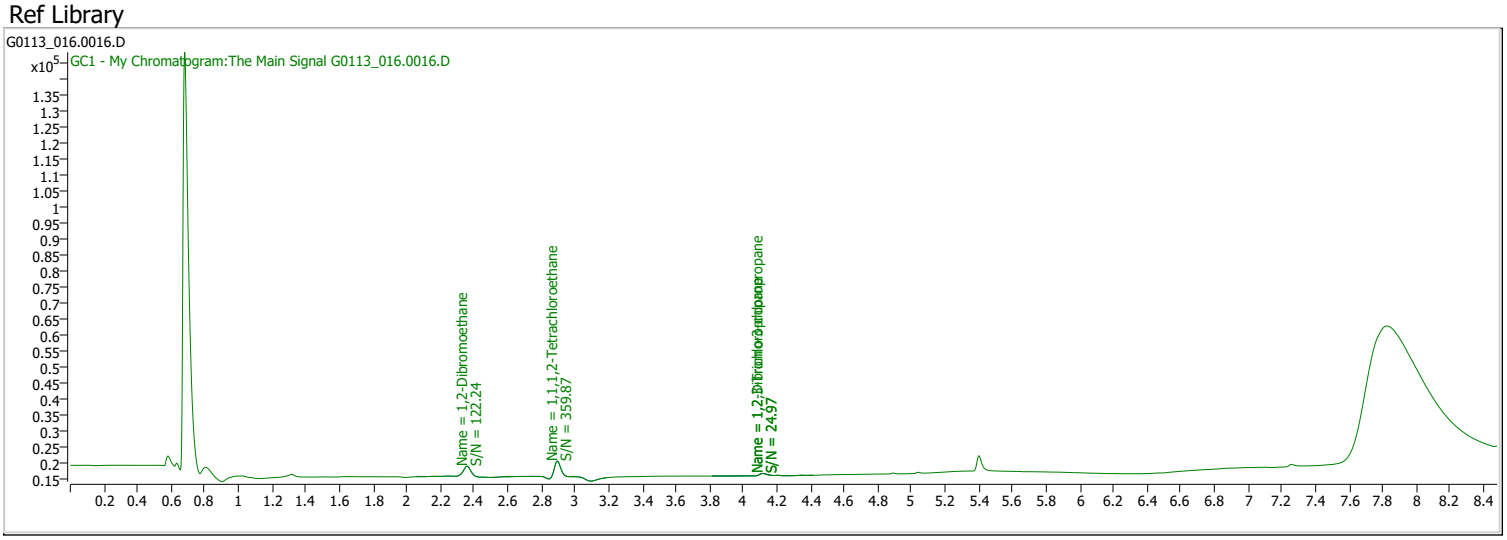


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0179	2.90	0.00	2420 (m)				



Quantitation Results Report (QT Reviewed)

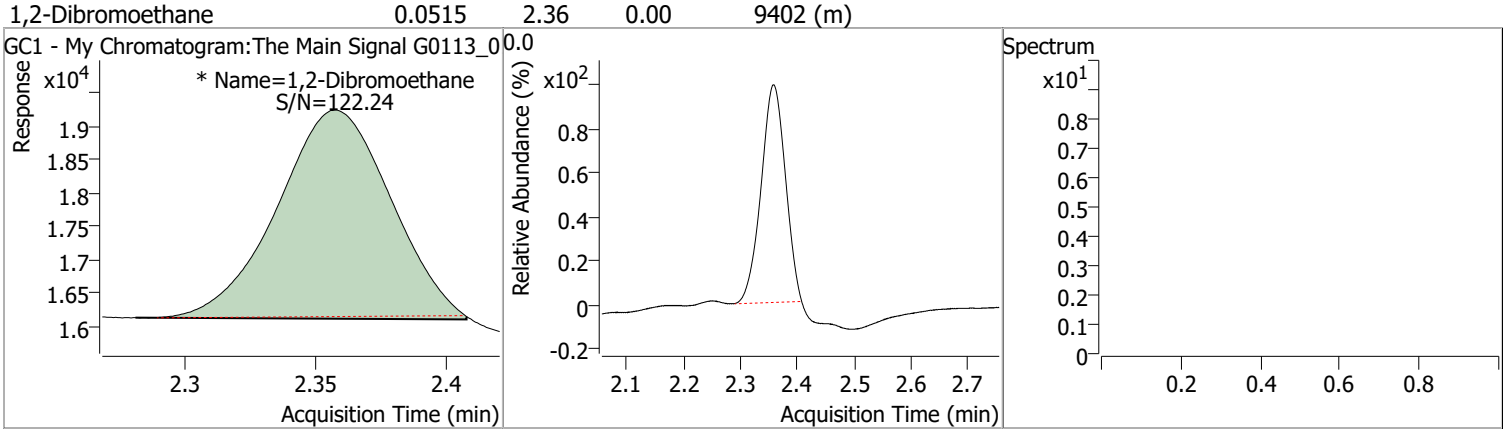
Data File	G0113_016.0016.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 3:44:07 PM
Sample Name	CAL2-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			



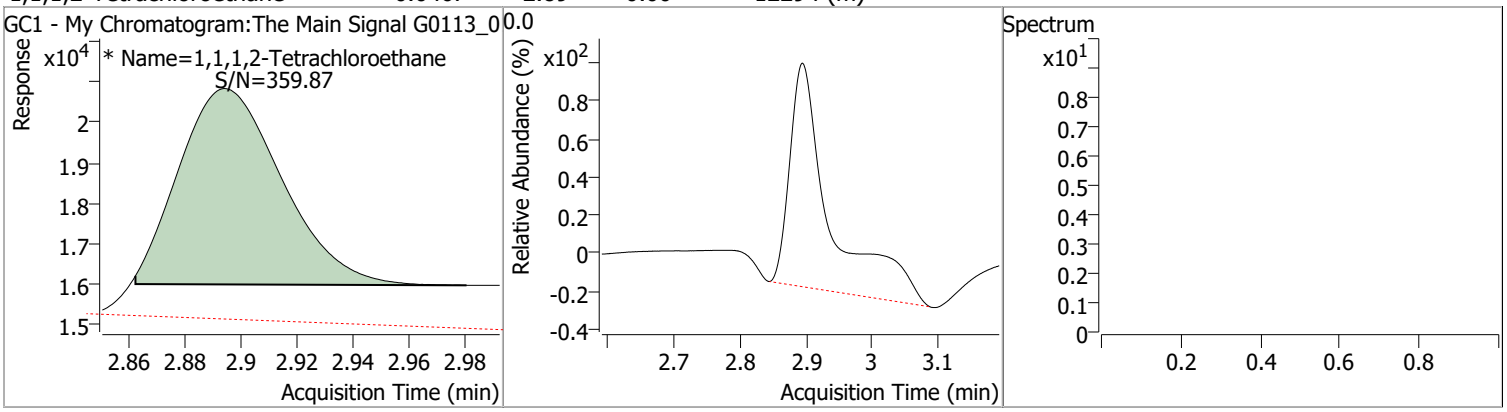
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.894	0.0	12294	0.0467	µg/L	m	0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 46.75%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.358	0.0	9402	0.0515	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	0.0515	2.36	0.00	9402 (m)				

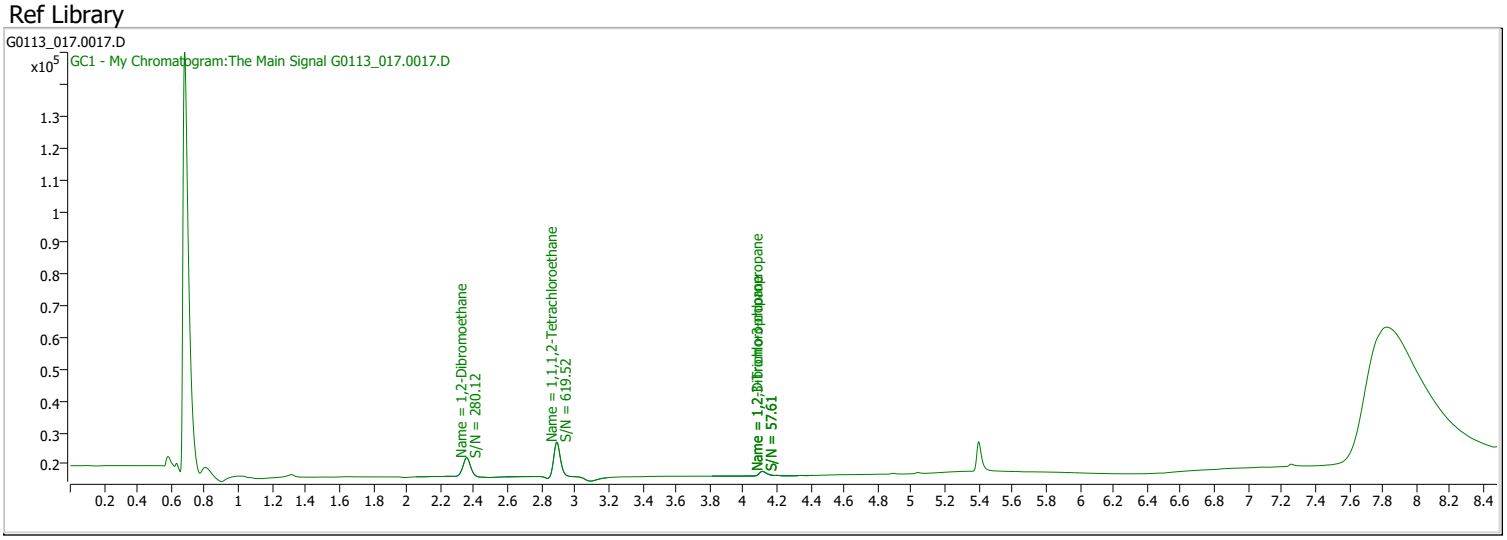


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0467	2.89	0.00	12294 (m)				



Quantitation Results Report (QT Reviewed)

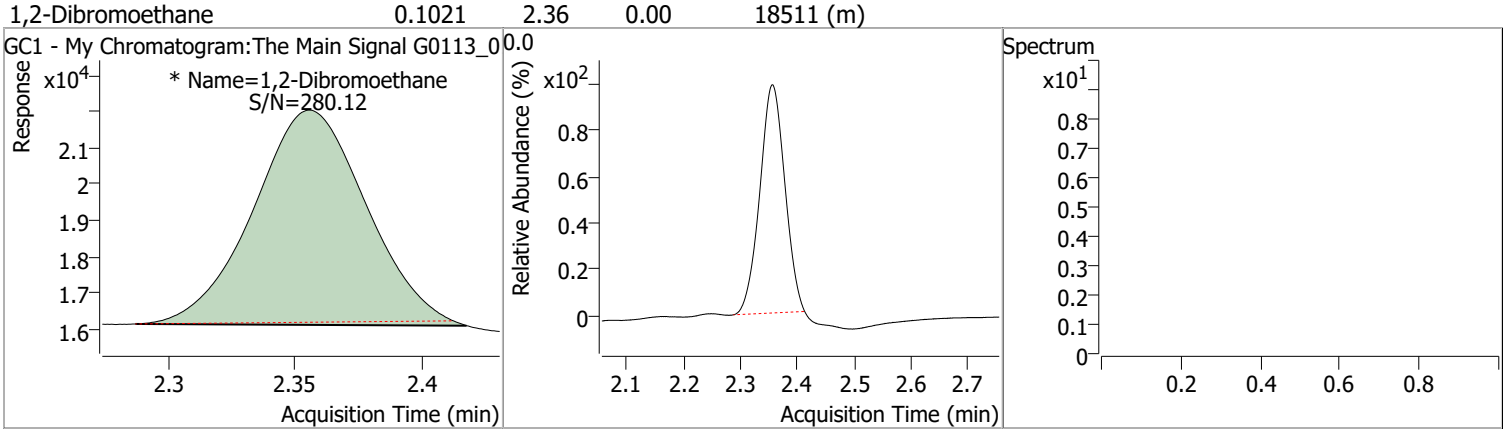
Data File	G0113_017.0017.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 4:04:10 PM
Sample Name	CAL3-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			



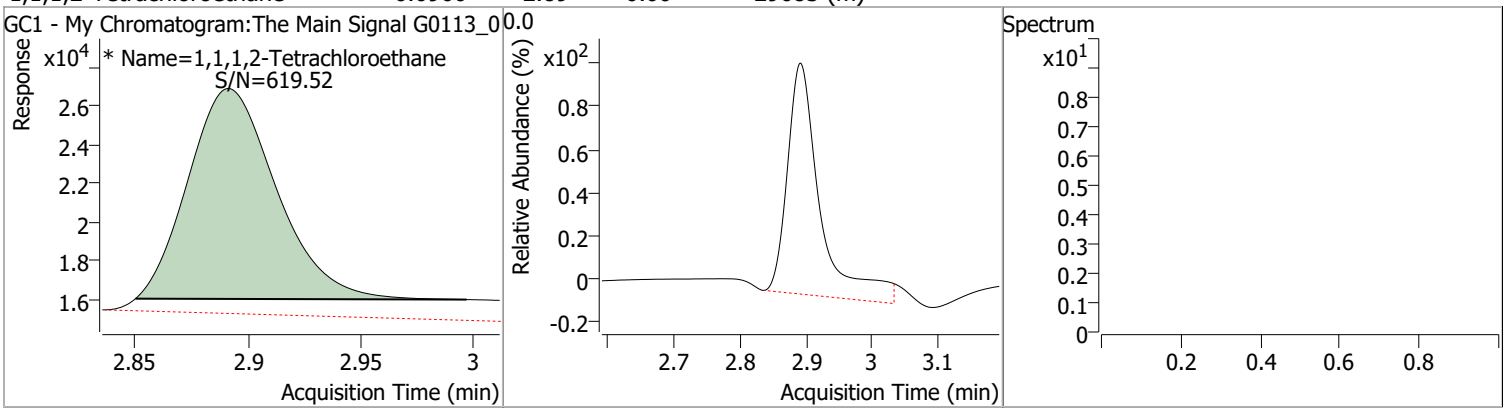
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.892	0.0	29683	0.0966	µg/L	m	0.000
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 96.64%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.355	0.0	18511	0.1021	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	0.1021	2.36	0.00	18511 (m)				

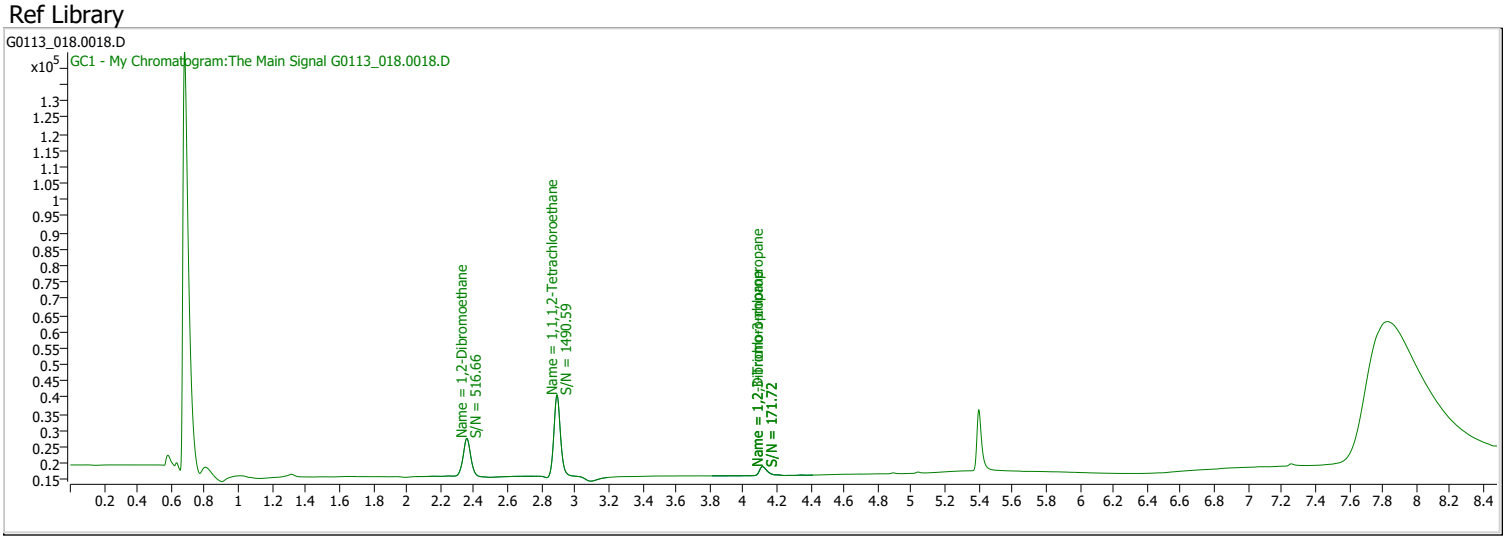


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0966	2.89	0.00	29683 (m)				



Quantitation Results Report (QT Reviewed)

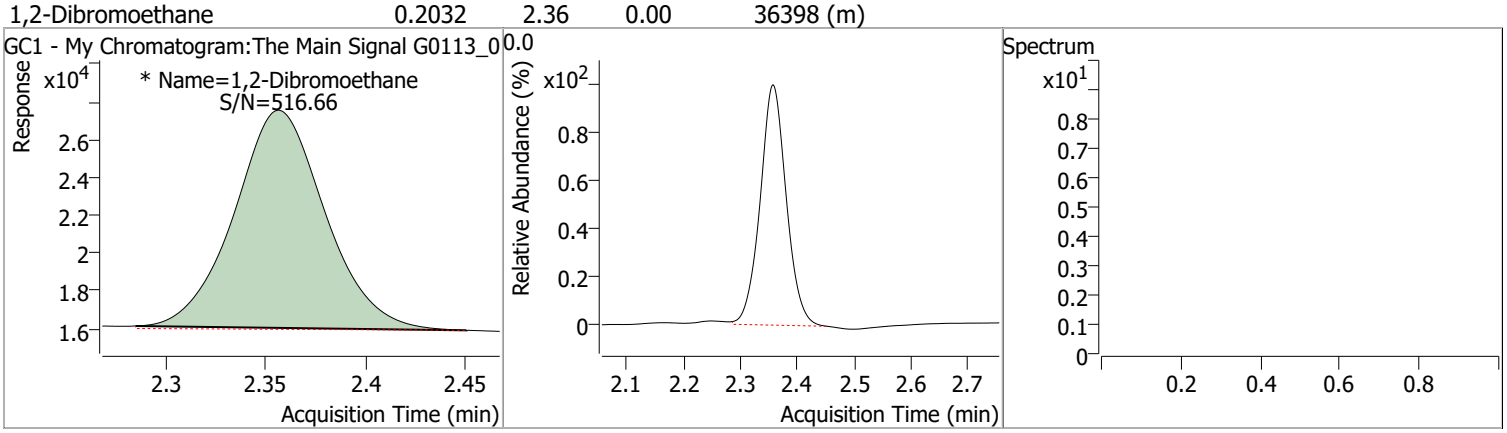
Data File	G0113_018.0018.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 4:24:02 PM
Sample Name	CAL4-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			



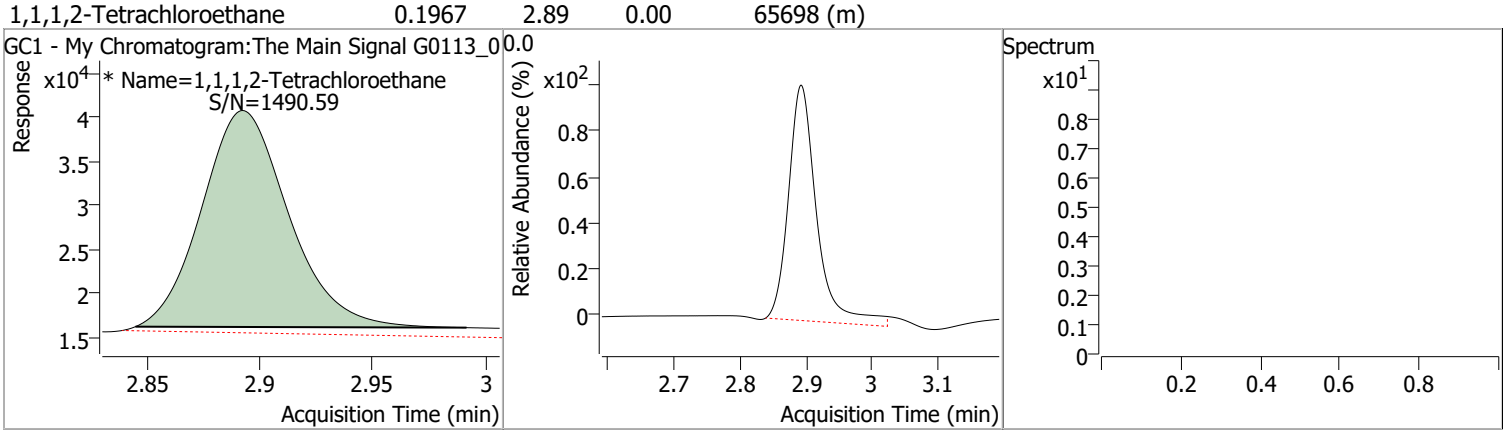
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.893	0.0	65698	0.1967	µg/L	m	0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 196.73%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.357	0.0	36398	0.2032	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	0.2032	2.36	0.00	36398 (m)				

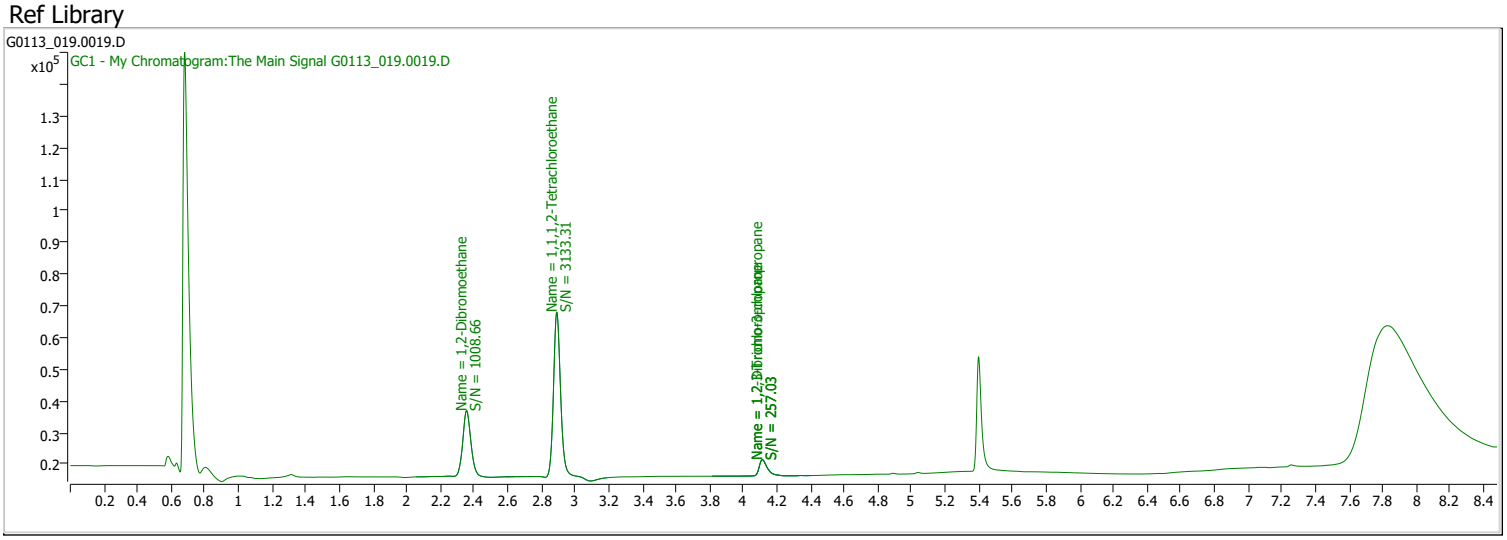


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1967	2.89	0.00	65698 (m)				



Quantitation Results Report (QT Reviewed)

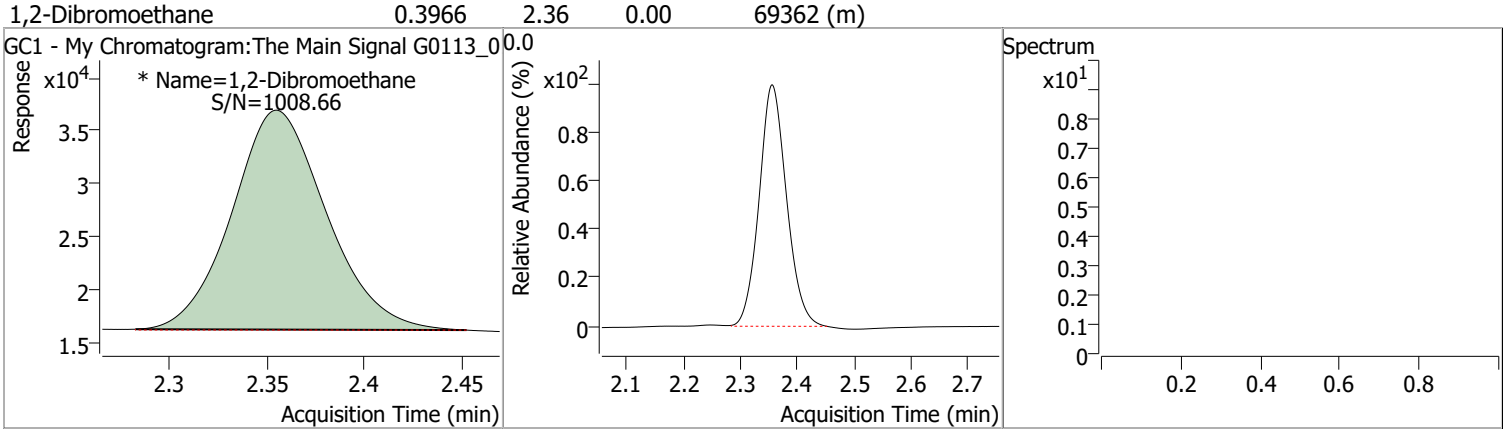
Data File	G0113_019.0019.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 4:44:07 PM
Sample Name	CAL5-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			



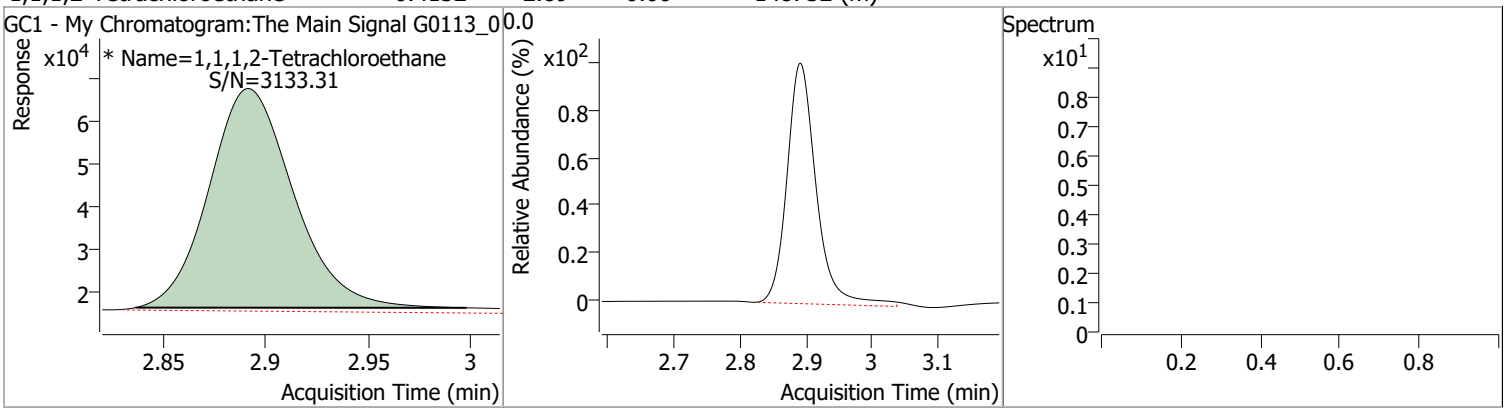
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.891	0.0	148732	0.4132	µg/L	m	-0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 413.16%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.355	0.0	69362	0.3966	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	0.3966	2.36	0.00	69362 (m)				

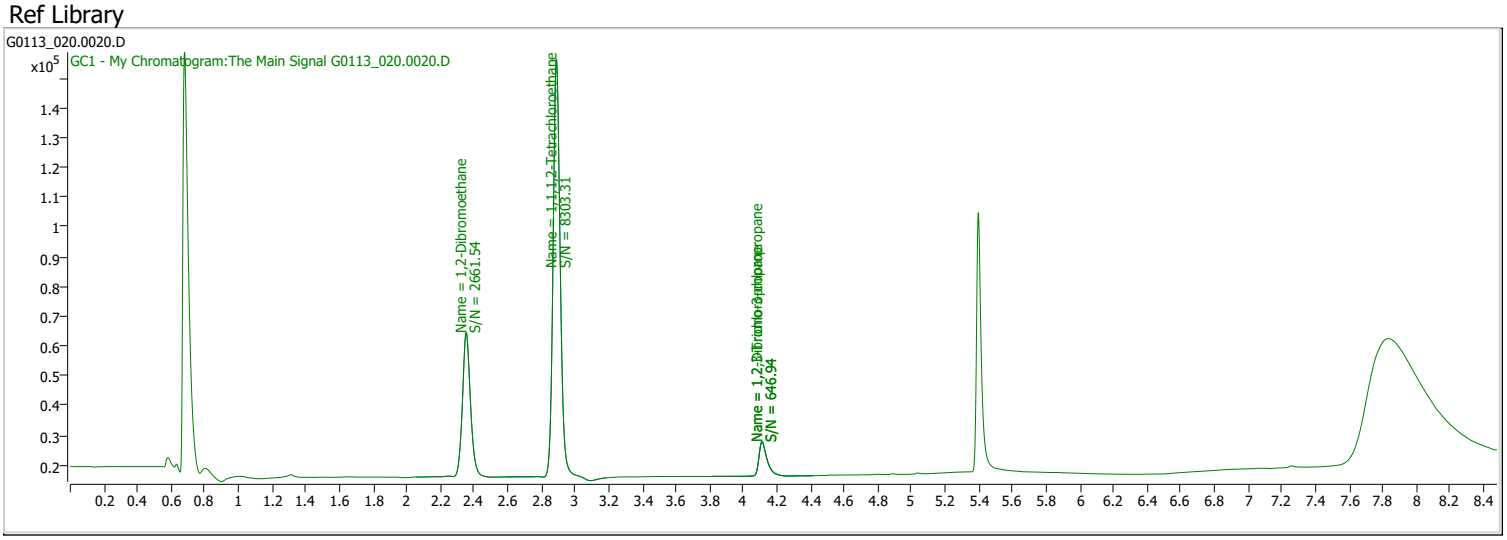


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4132	2.89	0.00	148732 (m)				



Quantitation Results Report (QT Reviewed)

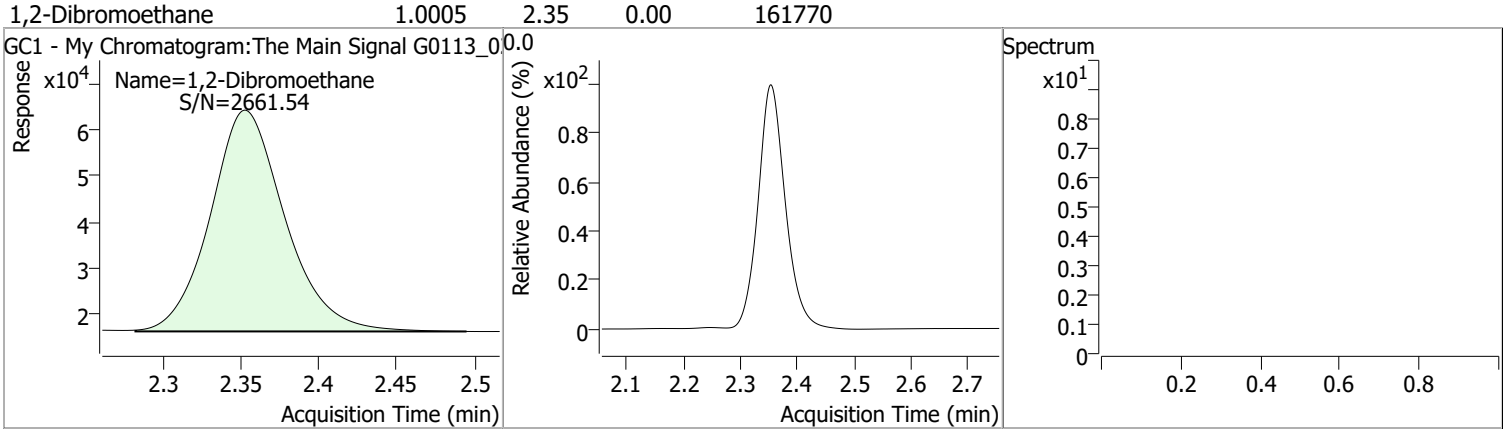
Data File	G0113_020.0020.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 5:04:08 PM
Sample Name	CAL6-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			



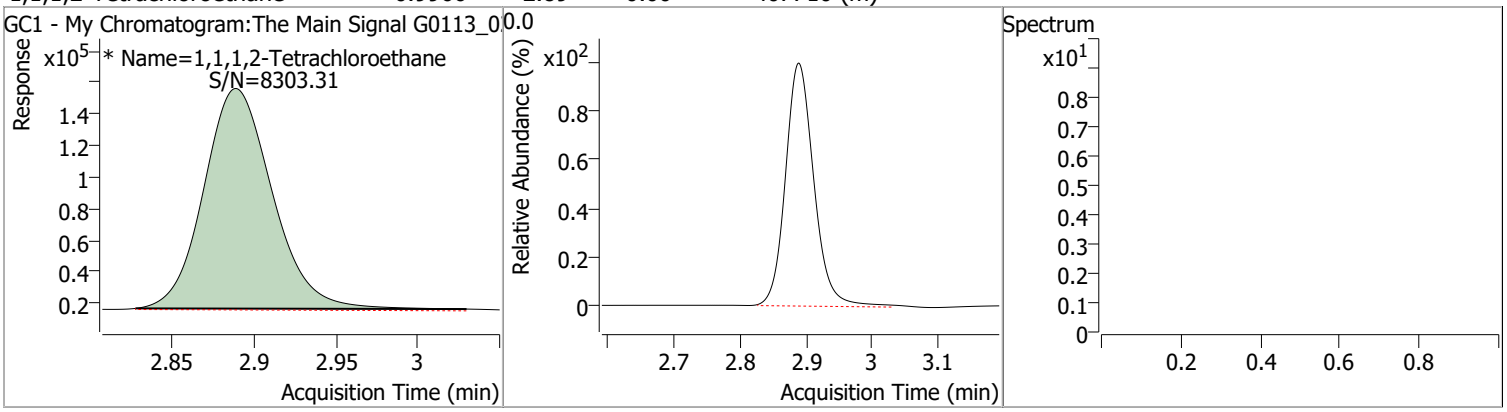
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.889	0.0	407710	0.9966	µg/L	m	-0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 996.56%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.353	0.0	161770	1.0005	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	1.0005	2.35	0.00	161770				

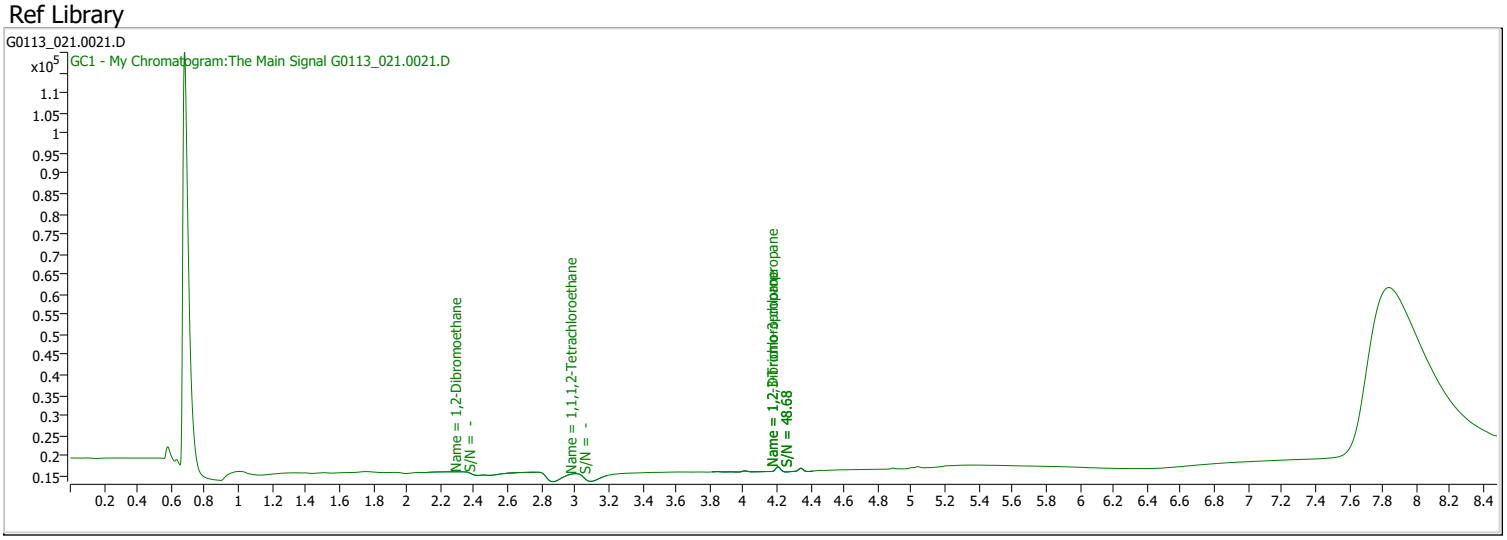


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.9966	2.89	0.00	407710 (m)				



Quantitation Results Report (QT Reviewed)

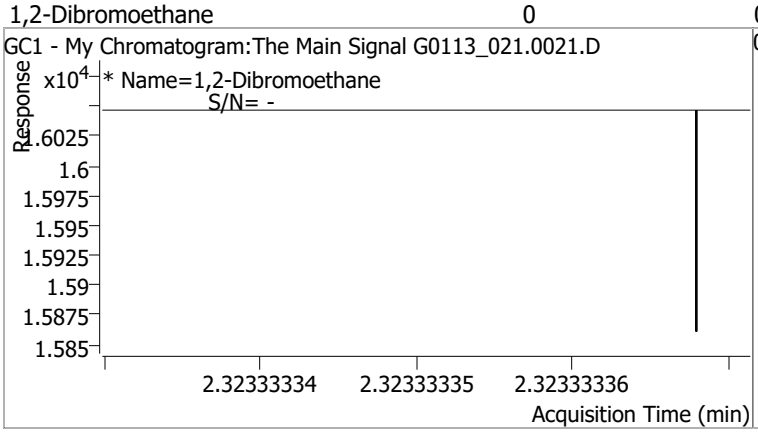
Data File	G0113_021.0021.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 5:24:27 PM
Sample Name	Hexane	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

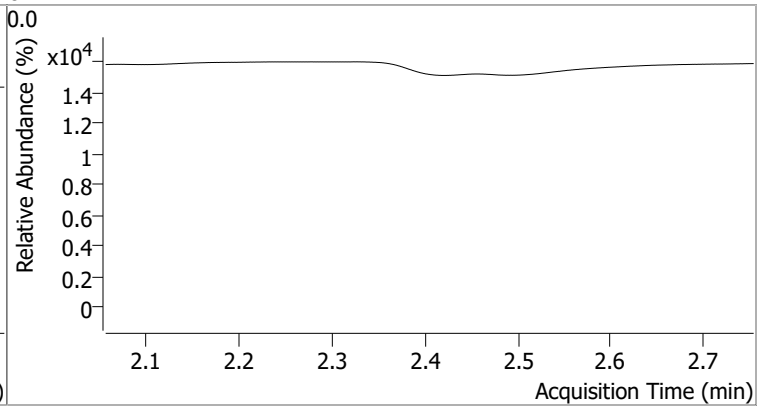


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.008	0.0	0		µg/L	md	0.117
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.323	0.0	0		µg/L	md	1

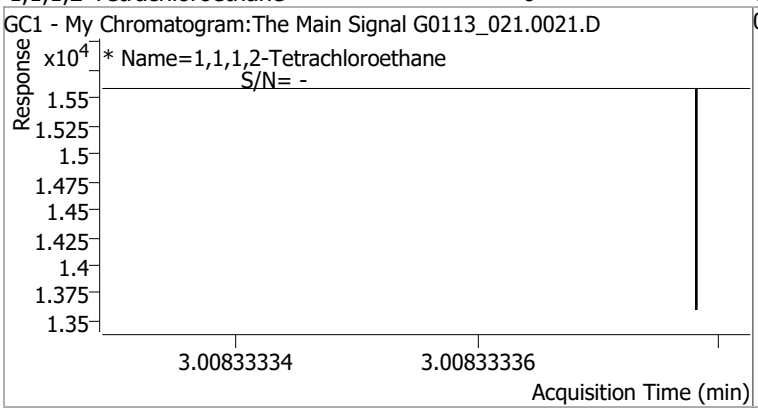
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

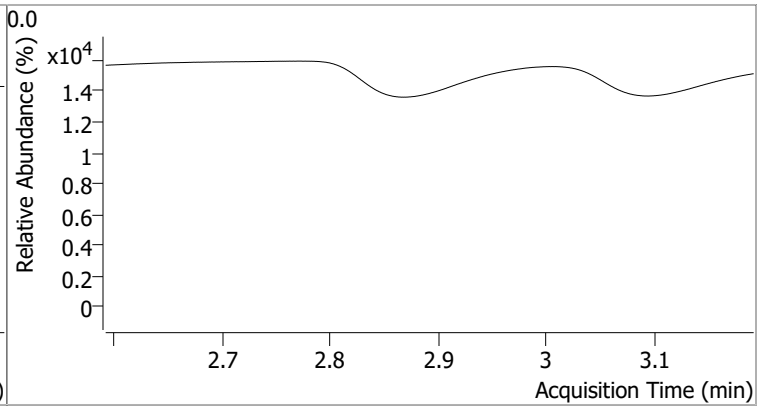
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





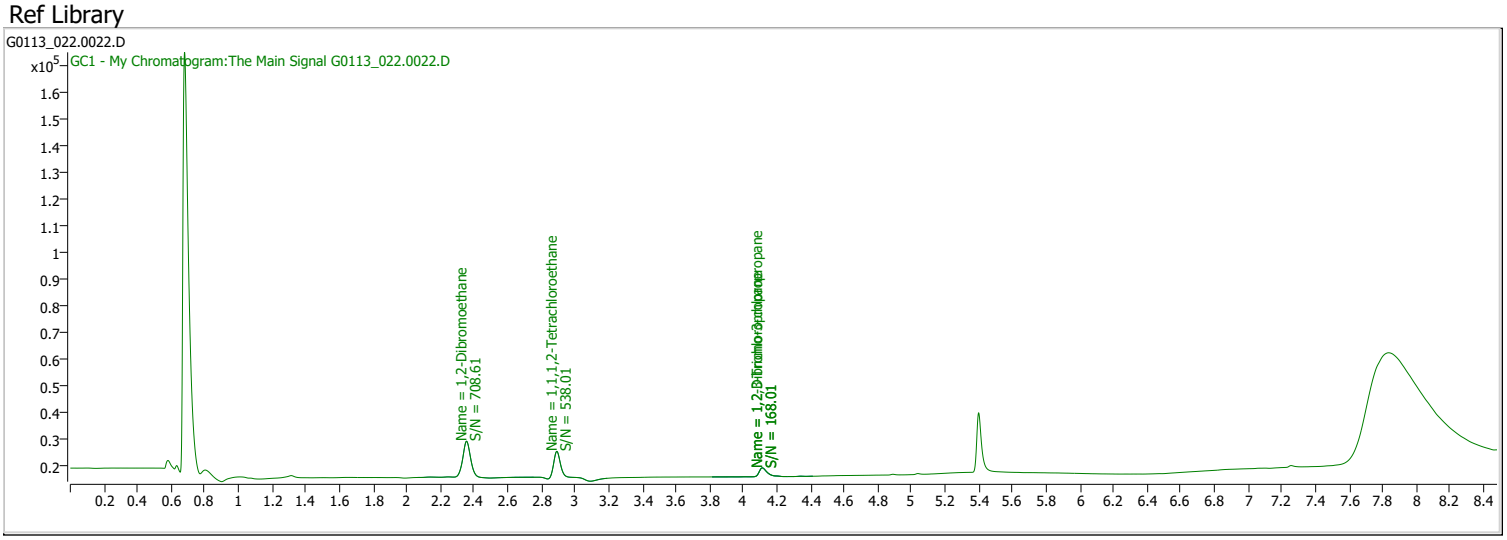
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

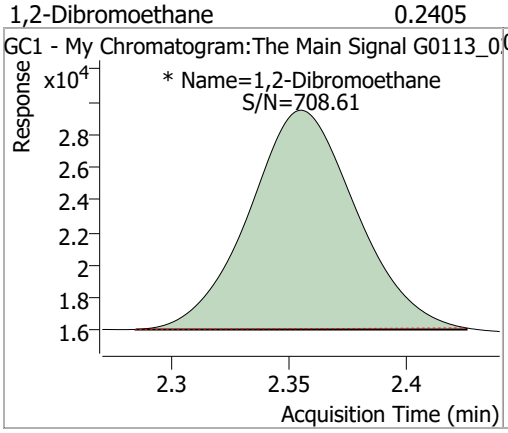
Data File	G0113_022.0022.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 5:44:28 PM
Sample Name	LCS-162850	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

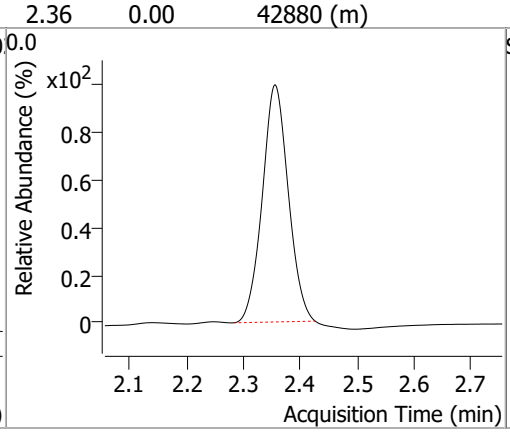


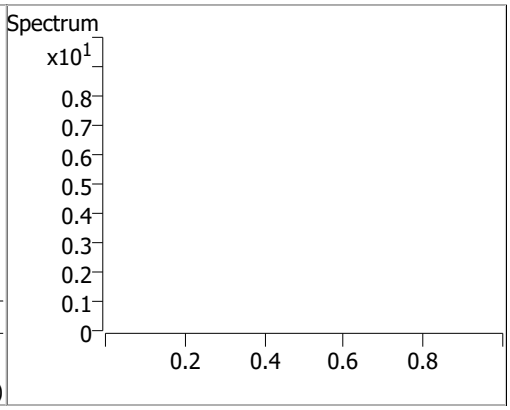
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.891	0.0	26109	0.0865	µg/L	m	-0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 86.47%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.355	0.0	42880	0.2405	µg/L	m	100

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

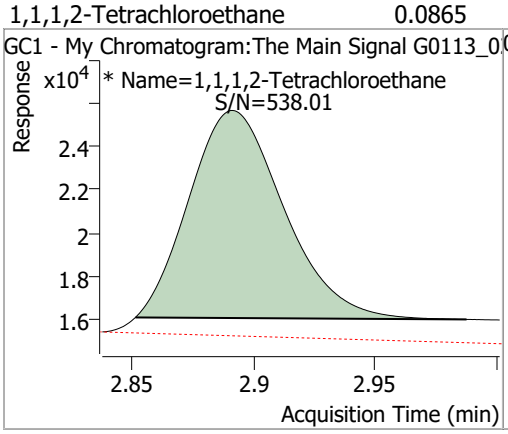
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2405	2.36	0.00	42880 (m)				

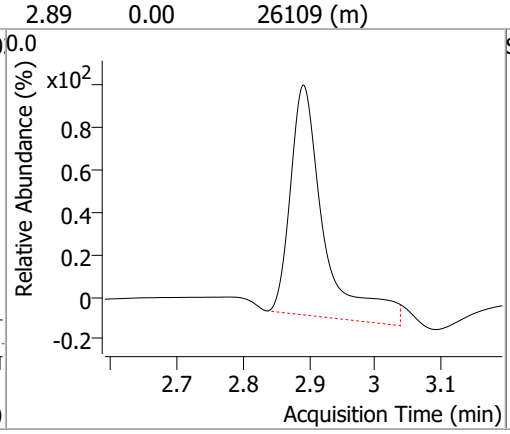


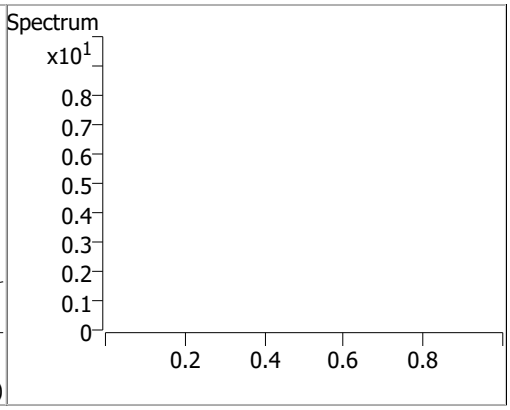




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0865	2.89	0.00	26109 (m)				

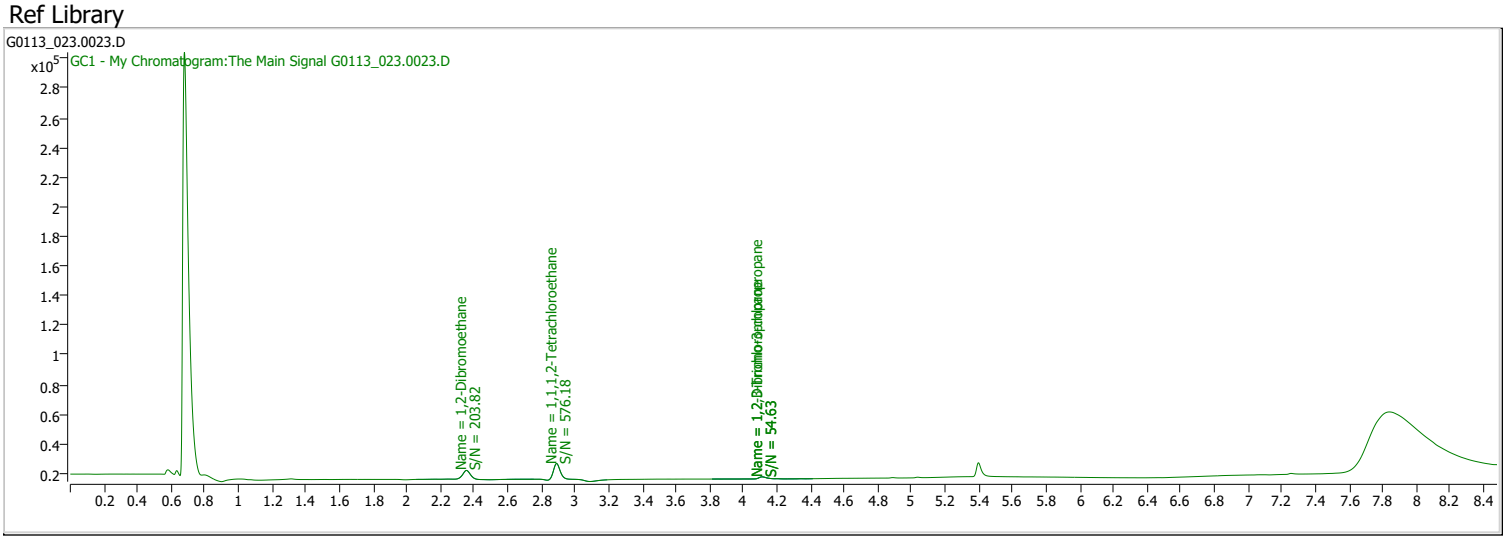






Quantitation Results Report (QT Reviewed)

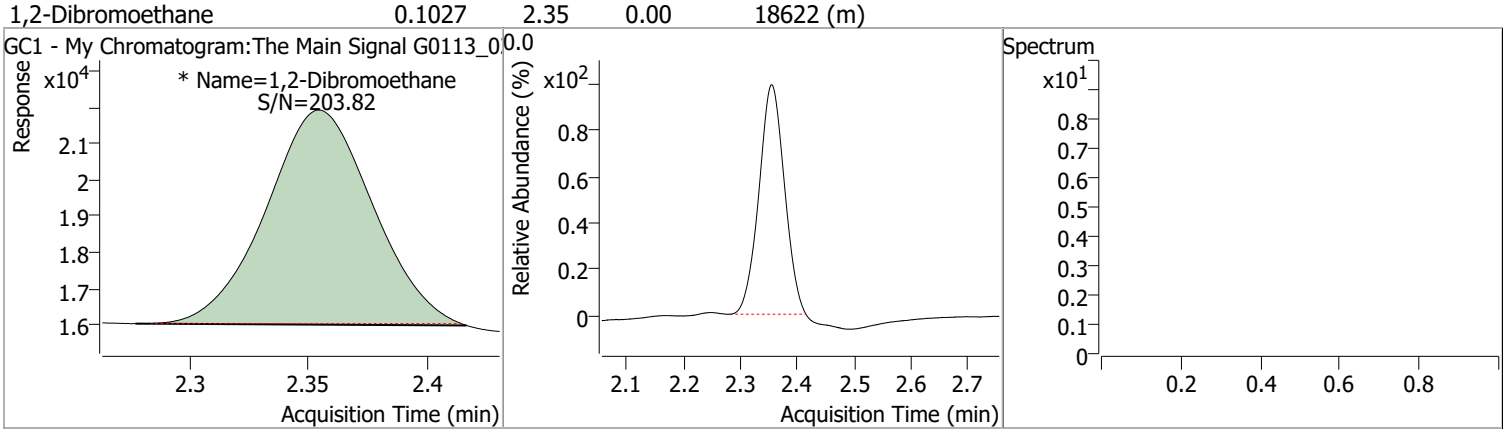
Data File	G0113_023.0023.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 6:04:36 PM
Sample Name	CK3-162903	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			



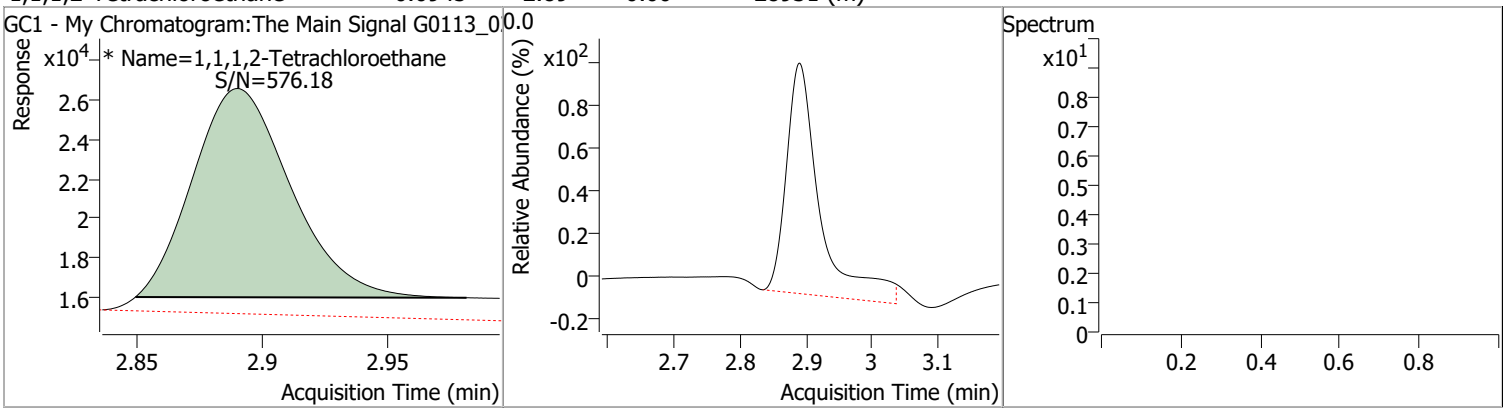
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.890	0.0	28931	0.0945	µg/L	m	-0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 94.50%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.353	0.0	18622	0.1027	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	0.1027	2.35	0.00	18622 (m)				

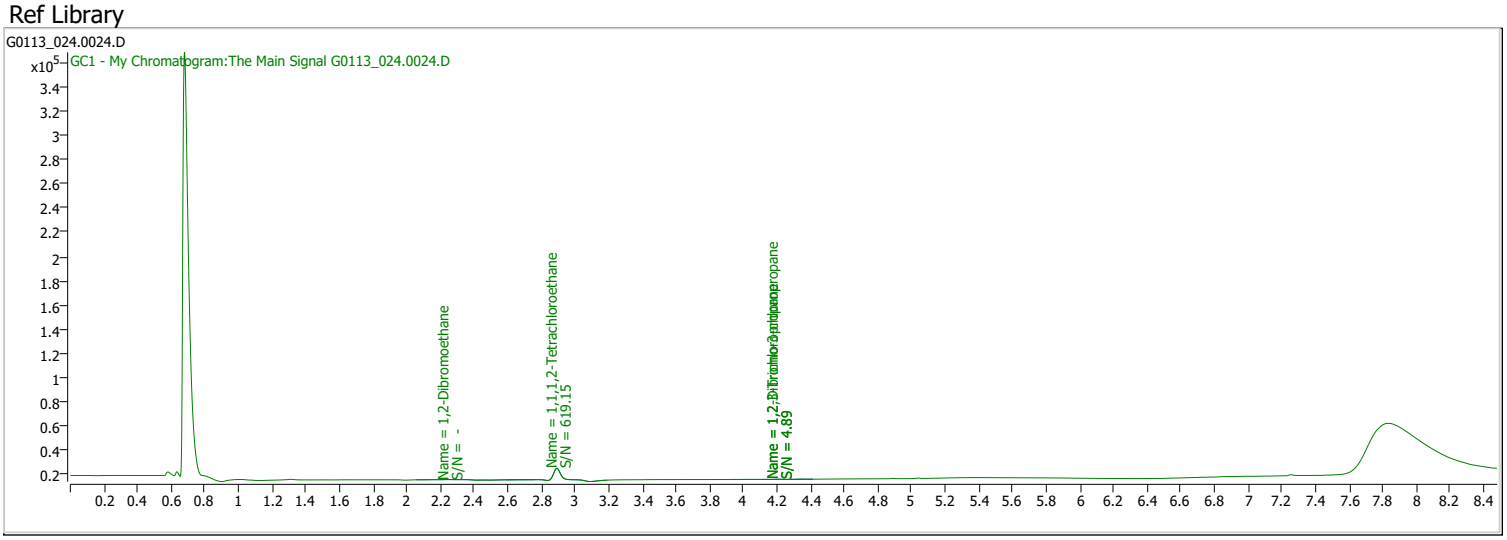


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0945	2.89	0.00	28931 (m)				



Quantitation Results Report (QT Reviewed)

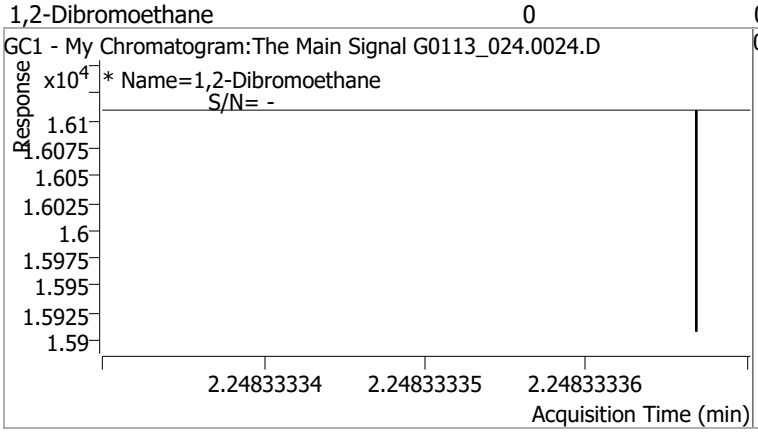
Data File	G0113_024.0024.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 6:24:32 PM
Sample Name	MB-162903	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

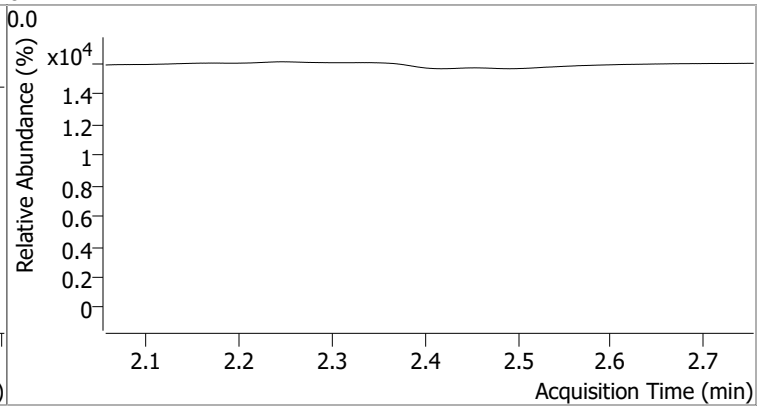


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.892	0.0	25377	0.0844	µg/L	m	0.000
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 84.39%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.248	0.0	0		µg/L	md	1

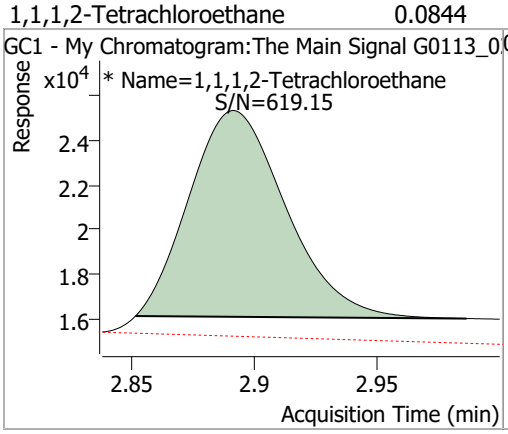
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

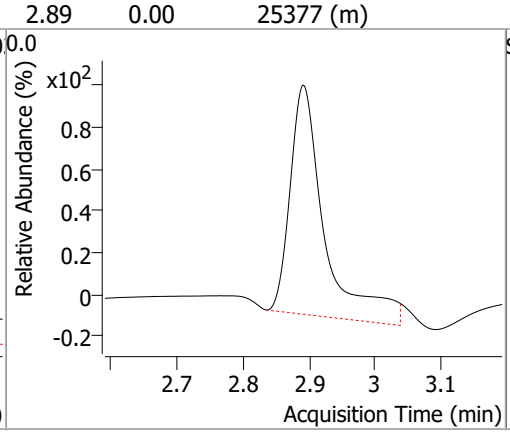
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

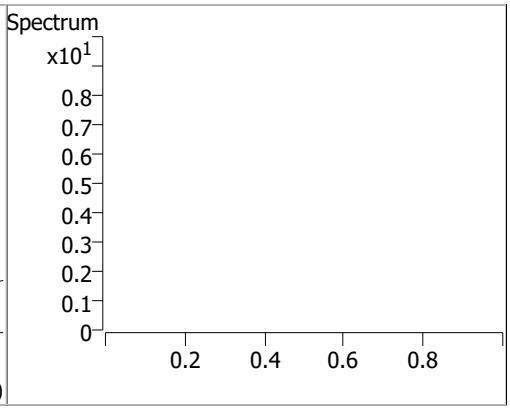




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0844	2.89	0.00	25377 (m)				

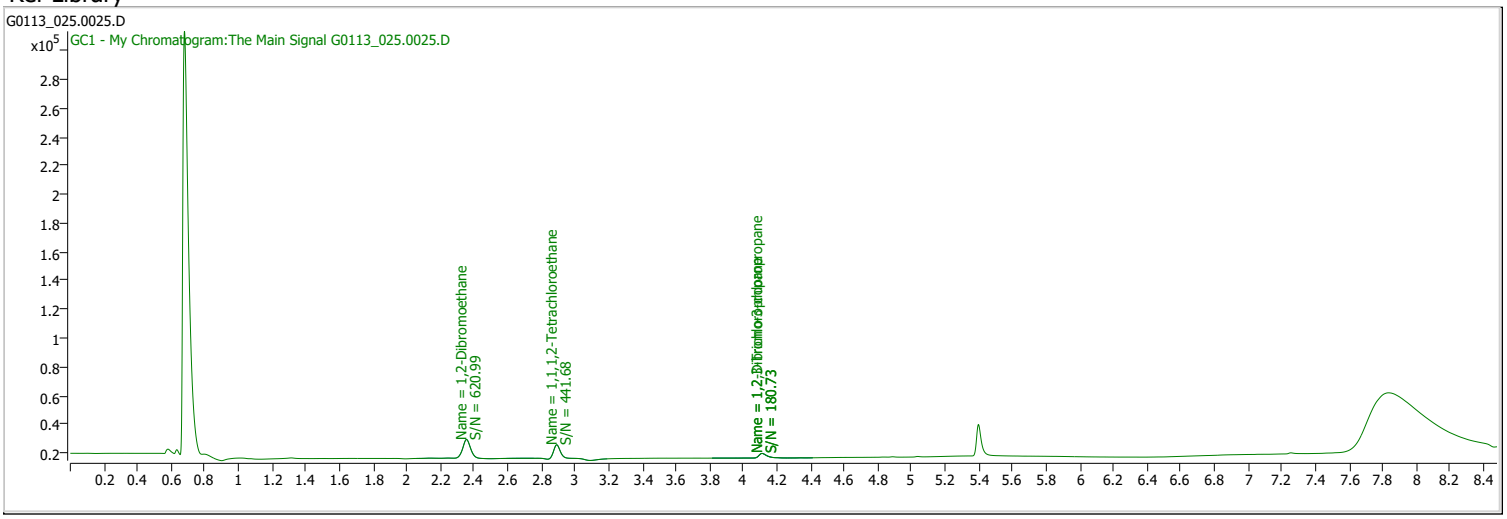






Quantitation Results Report (QT Reviewed)

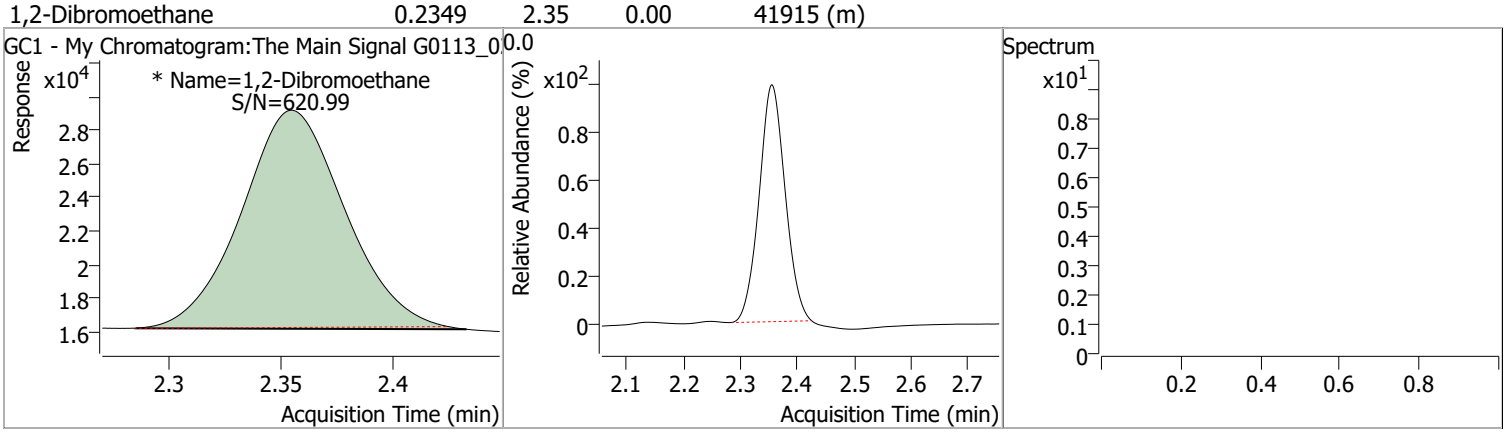
Data File	G0113_025.0025.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 6:44:38 PM
Sample Name	LCS-162903	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			



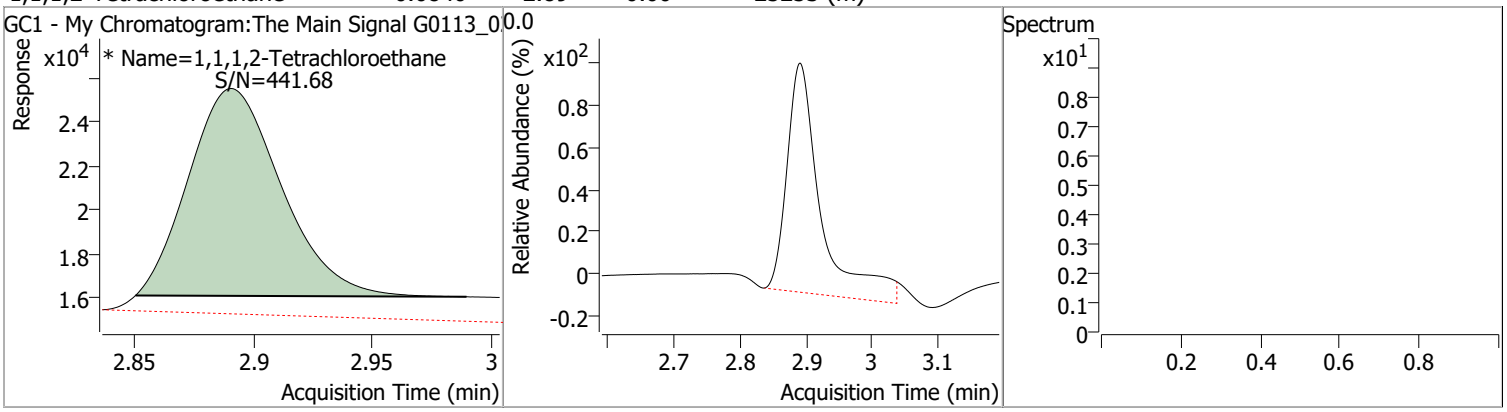
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.891	0.0	25253	0.0840	µg/L	m	-0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 84.03%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.354	0.0	41915	0.2349	µg/L	m	100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.2349	2.35	0.00	41915 (m)				

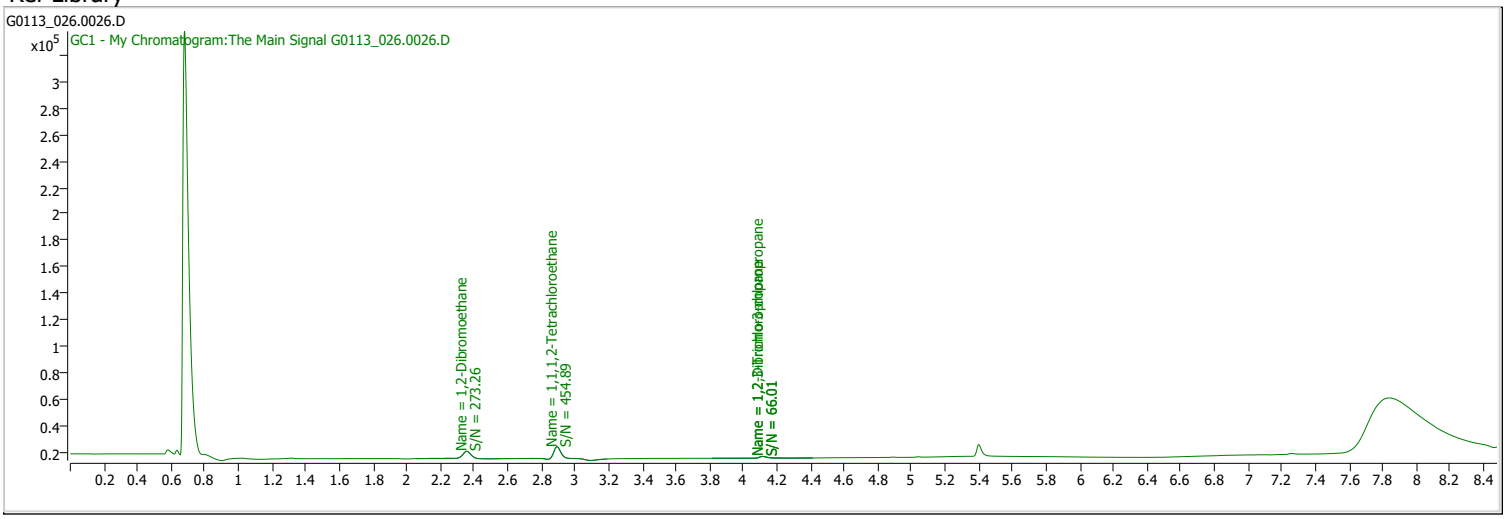


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0840	2.89	0.00	25253 (m)				



Quantitation Results Report (QT Reviewed)

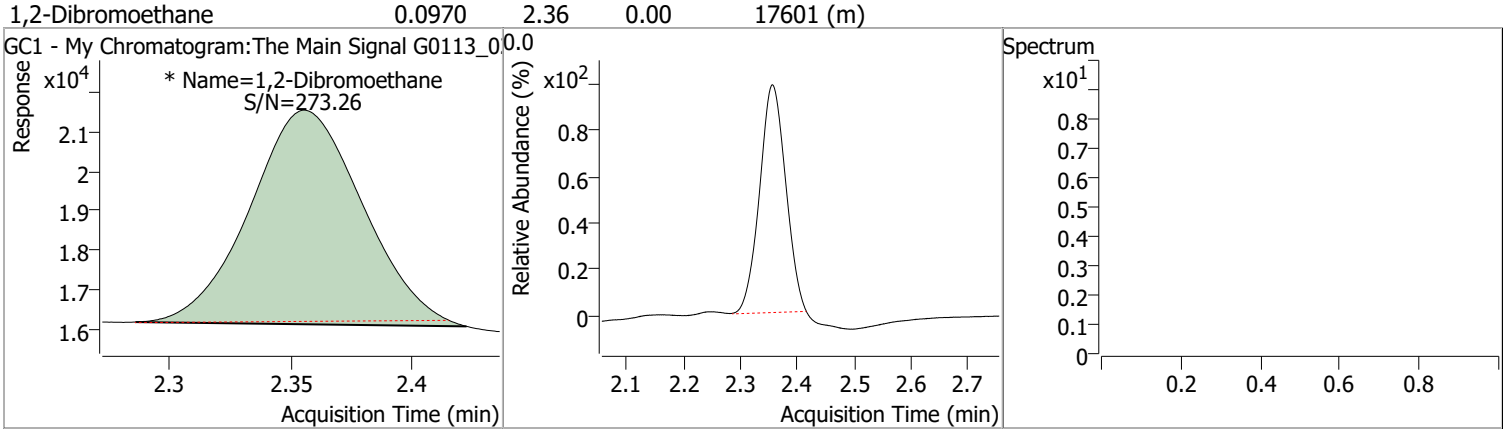
Data File	G0113_026.0026.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 7:04:31 PM
Sample Name	LCS1-162903	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			



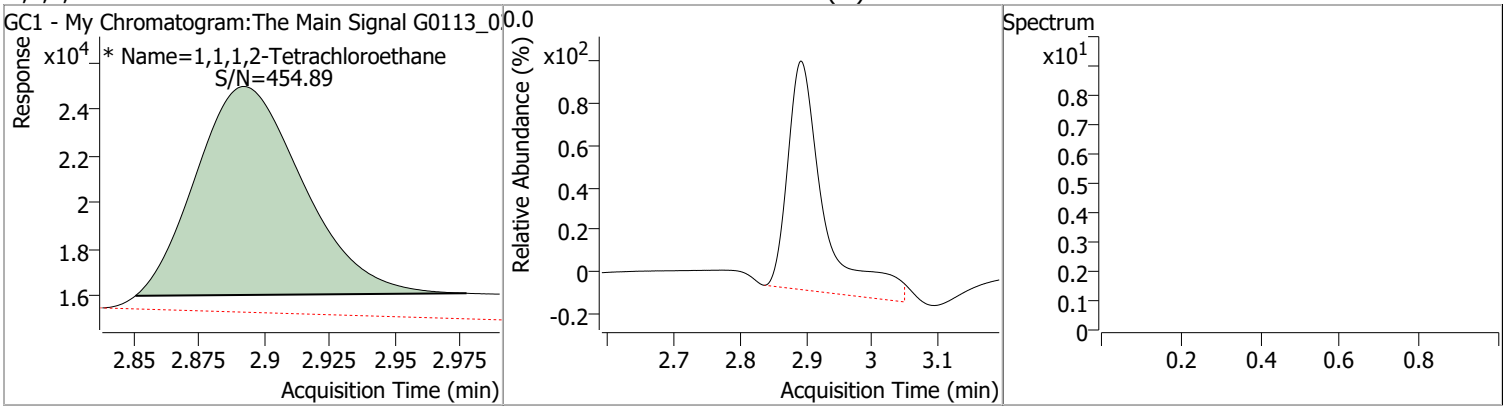
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.892	0.0	25387	0.0844	µg/L	m	0.000
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 84.42%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.355	0.0	17601	0.0970	µg/L	m	100

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

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	0.0970	2.36	0.00	17601 (m)				

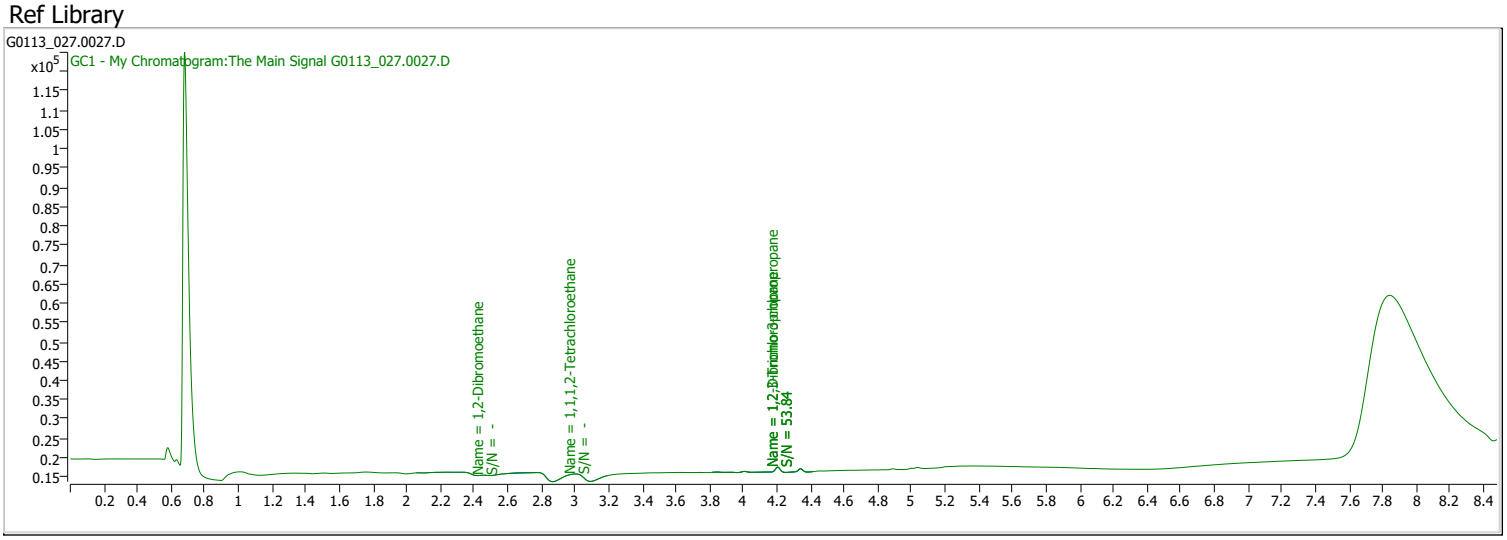


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0844	2.89	0.00	25387 (m)				



Quantitation Results Report (QT Reviewed)

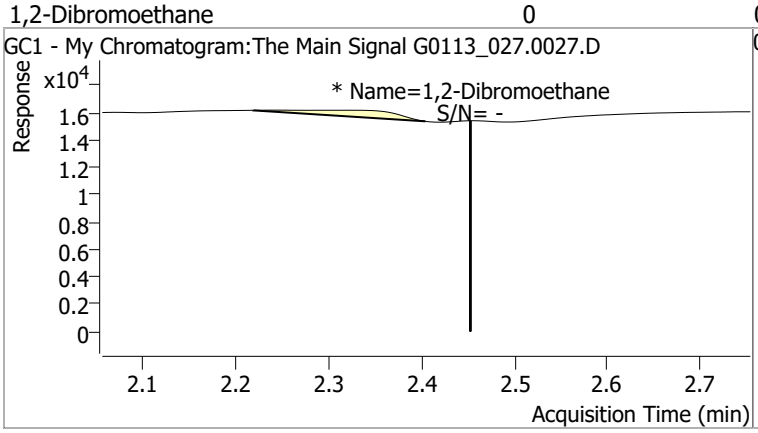
Data File	G0113_027.0027.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 7:24:39 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

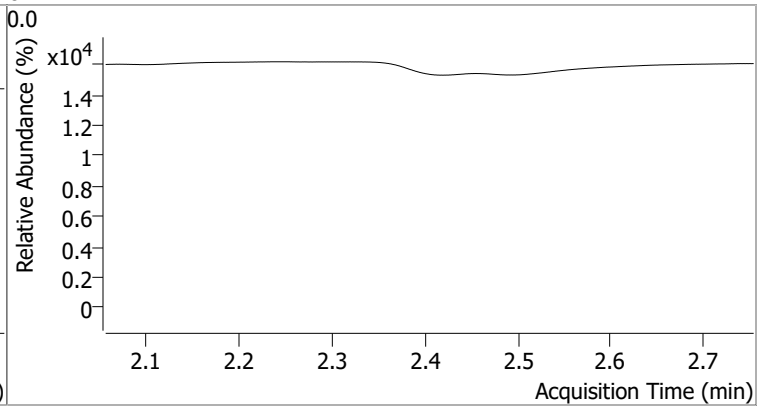


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	3.001	0.0	0		µg/L	md	0.109
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.453	0.0	0		µg/L	md	1

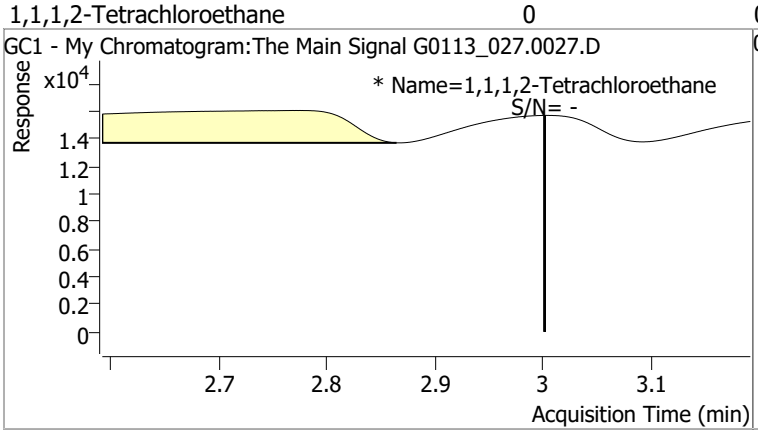
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

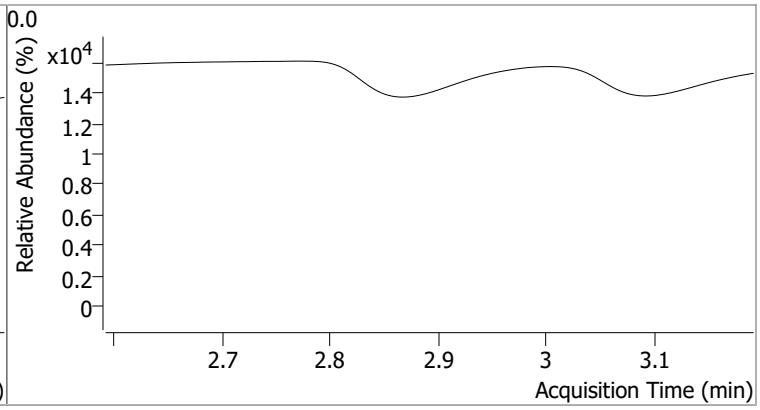
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





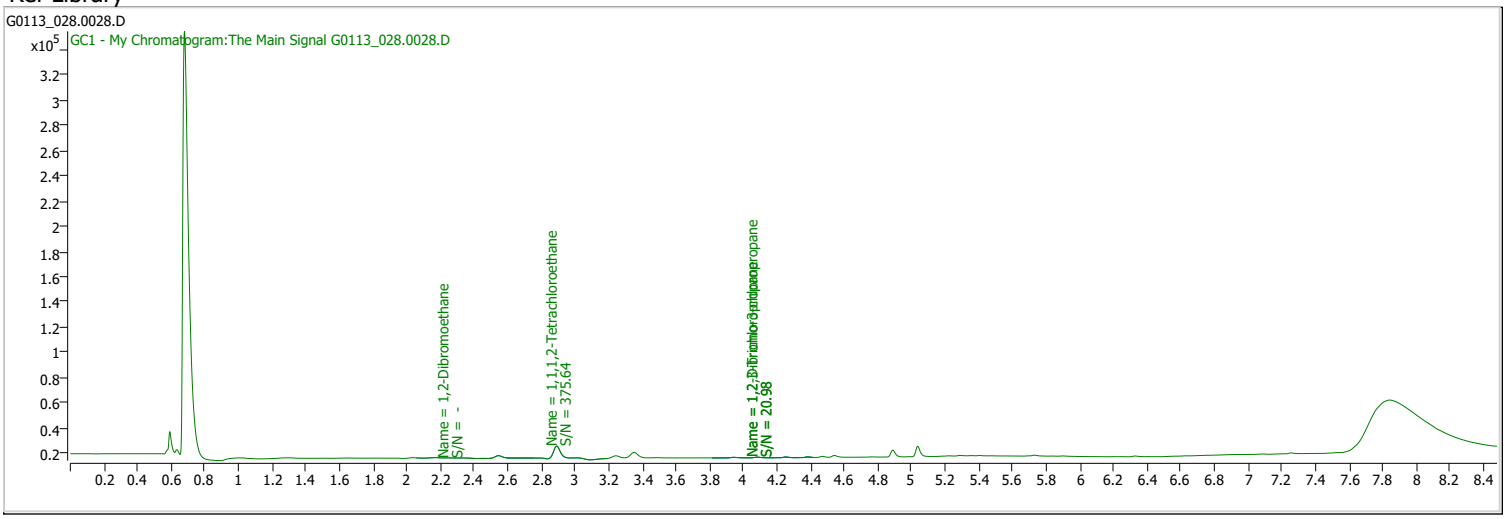
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

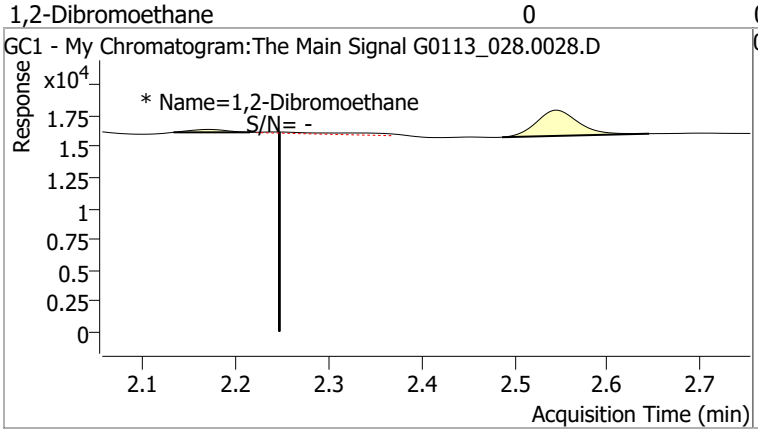
Data File	G0113_028.0028.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 7:44:46 PM
Sample Name	B22010507-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

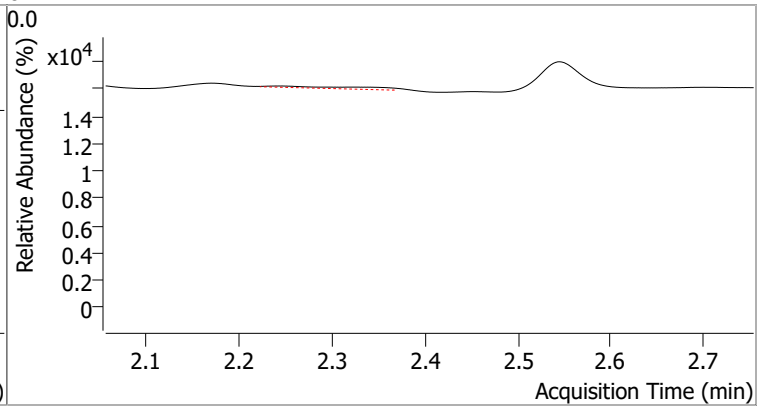


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.891	0.0	25839	0.0857	µg/L	m	-0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 85.70%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.247	0.0	0		µg/L	md	1

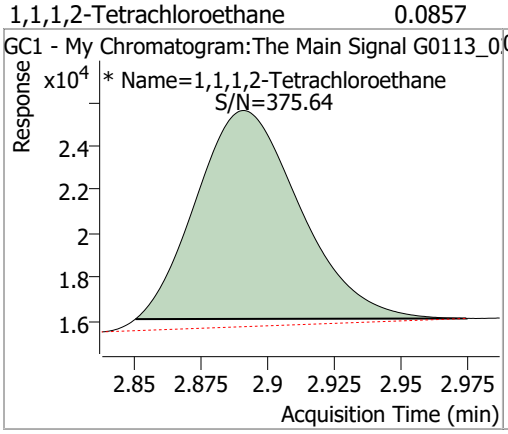
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

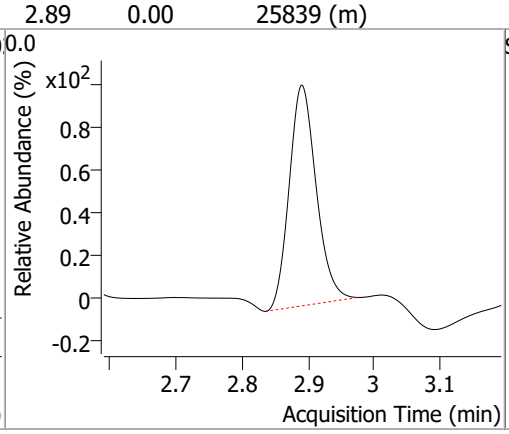
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

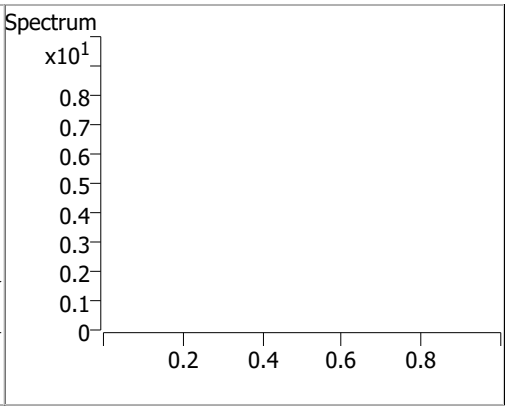




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0857	2.89	0.00	25839 (m)				

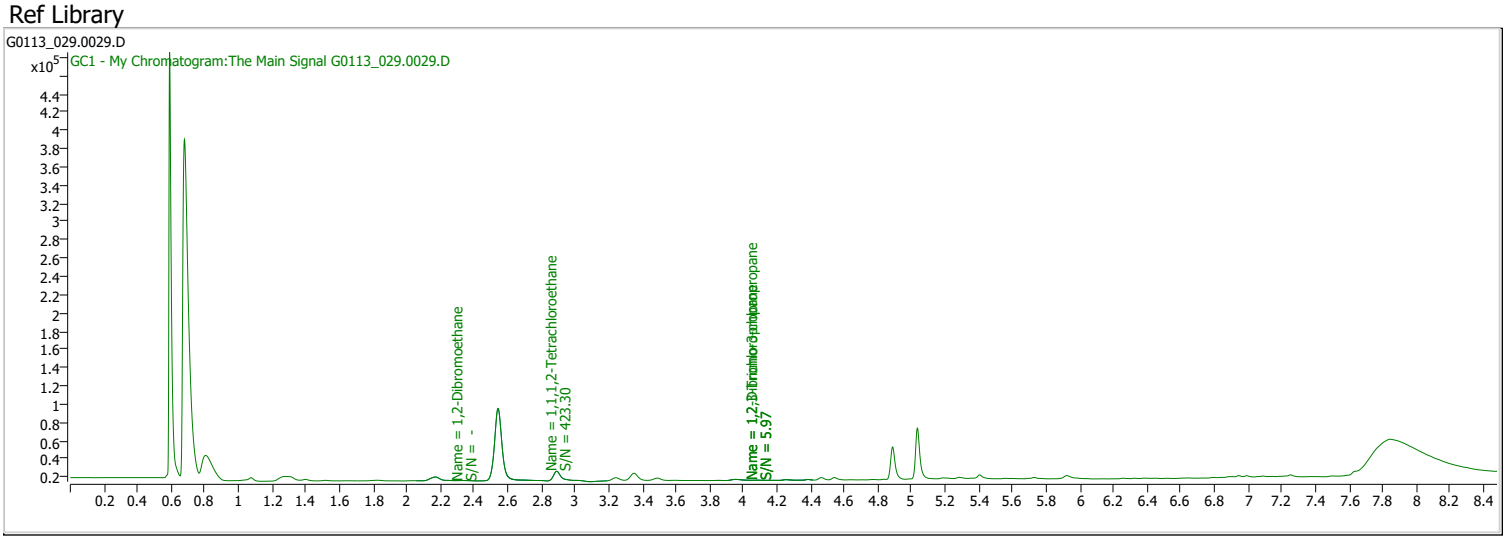






Quantitation Results Report (QT Reviewed)

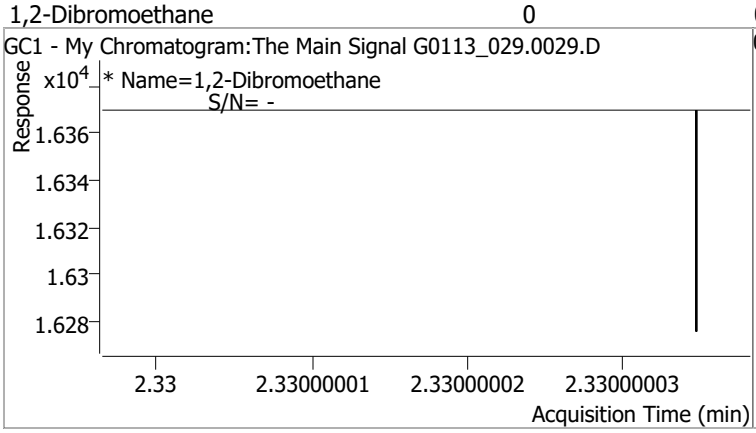
Data File	G0113_029.0029.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 8:04:42 PM
Sample Name	B22010625-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

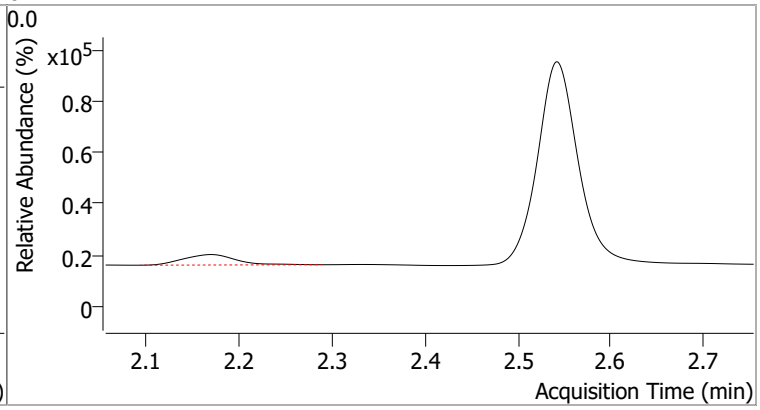


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.890	0.0	30485	0.0989	µg/L	m	-0.002
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 98.92%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.330	0.0	0		µg/L	md	1

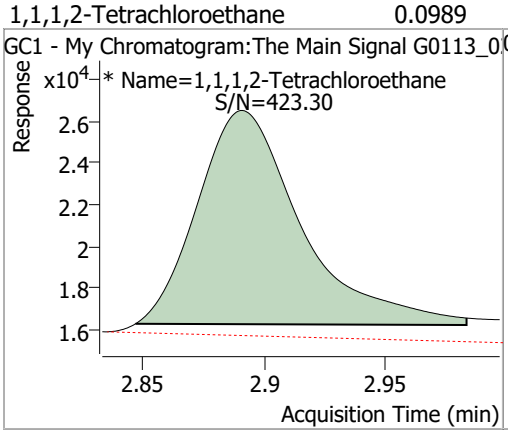
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

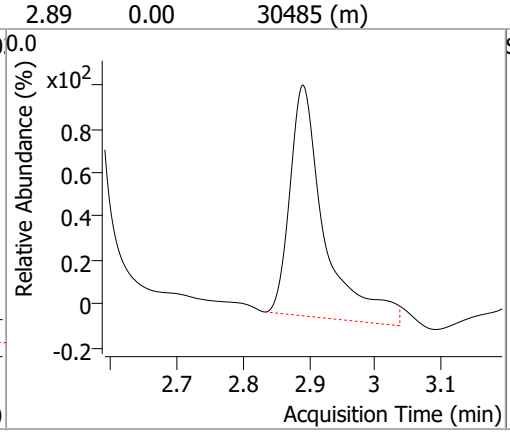
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

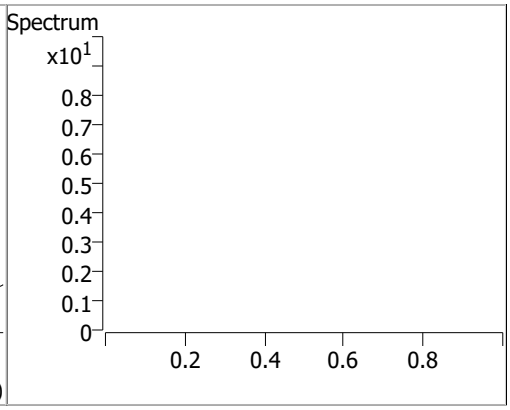




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0989	2.89	0.00	30485 (m)				

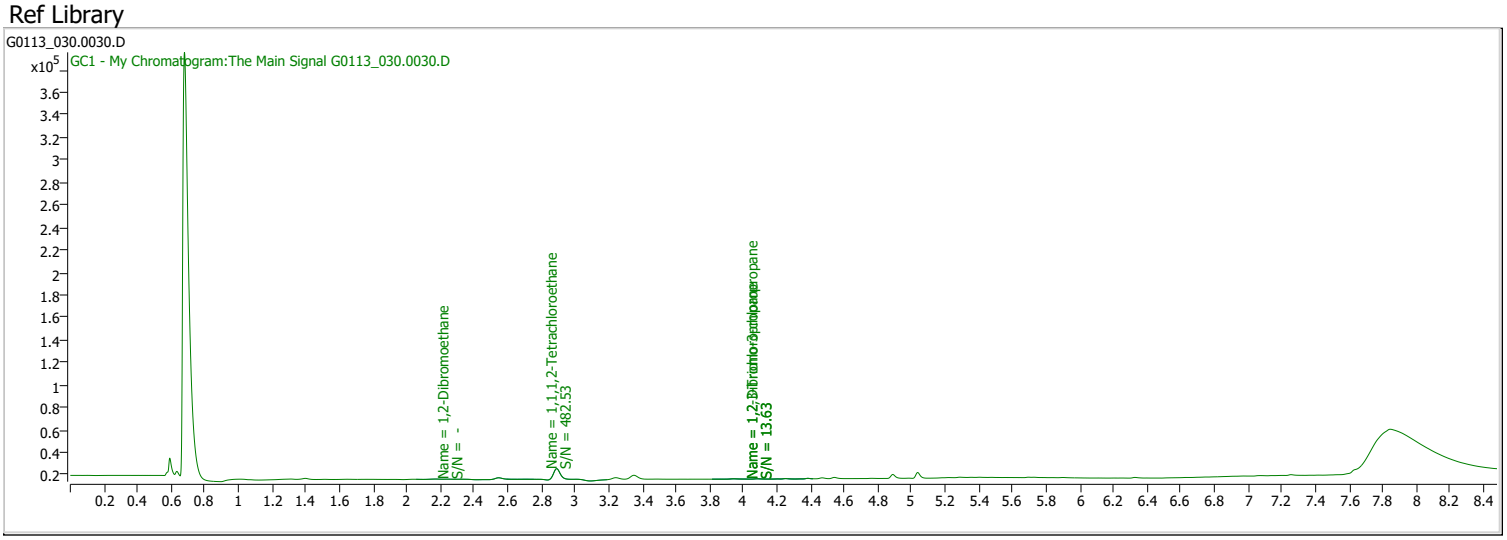






Quantitation Results Report (QT Reviewed)

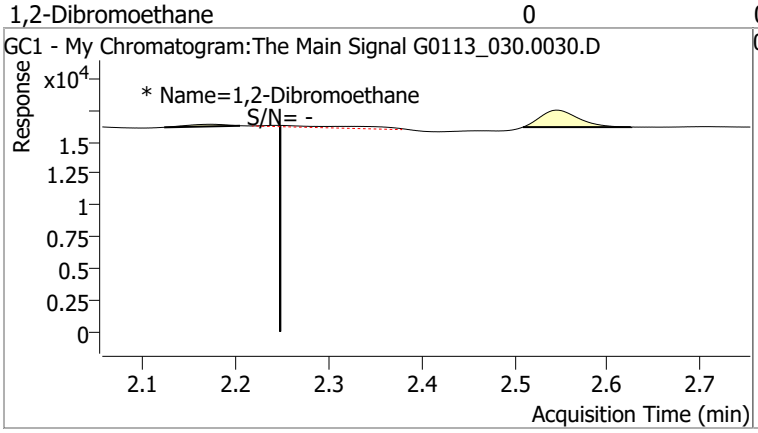
Data File	G0113_030.0030.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 8:24:41 PM
Sample Name	B22010625-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

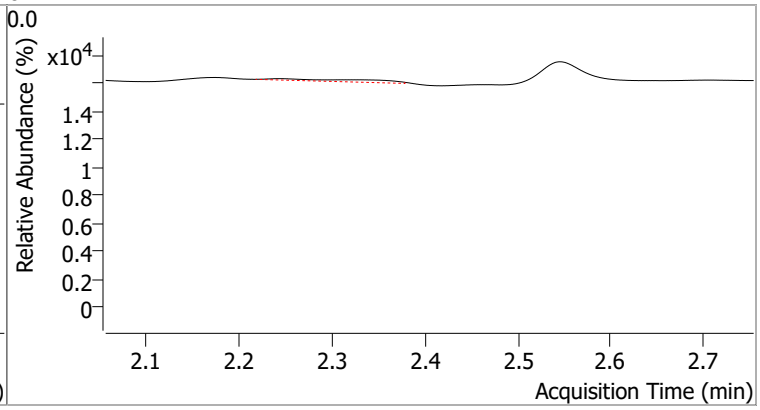


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.891	0.0	25542	0.0849	µg/L		-0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 84.86%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.248	0.0	0		µg/L	md	1

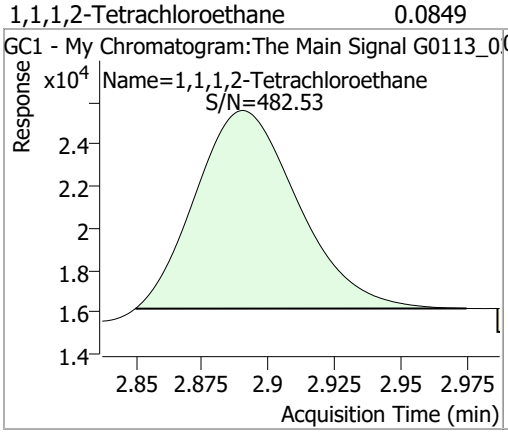
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

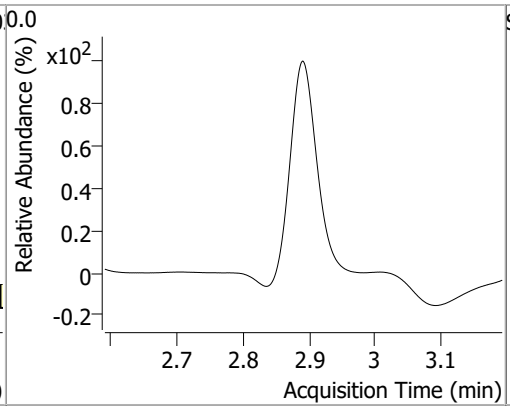
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

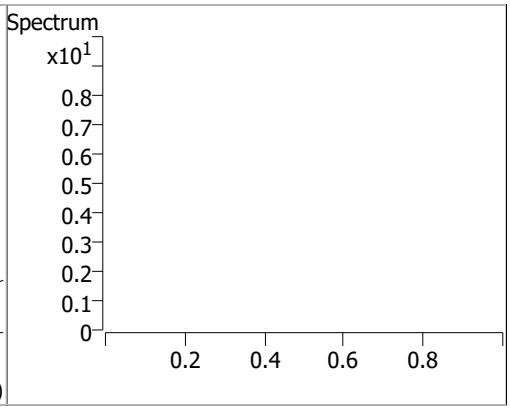




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0849	2.89	0.00	25542				

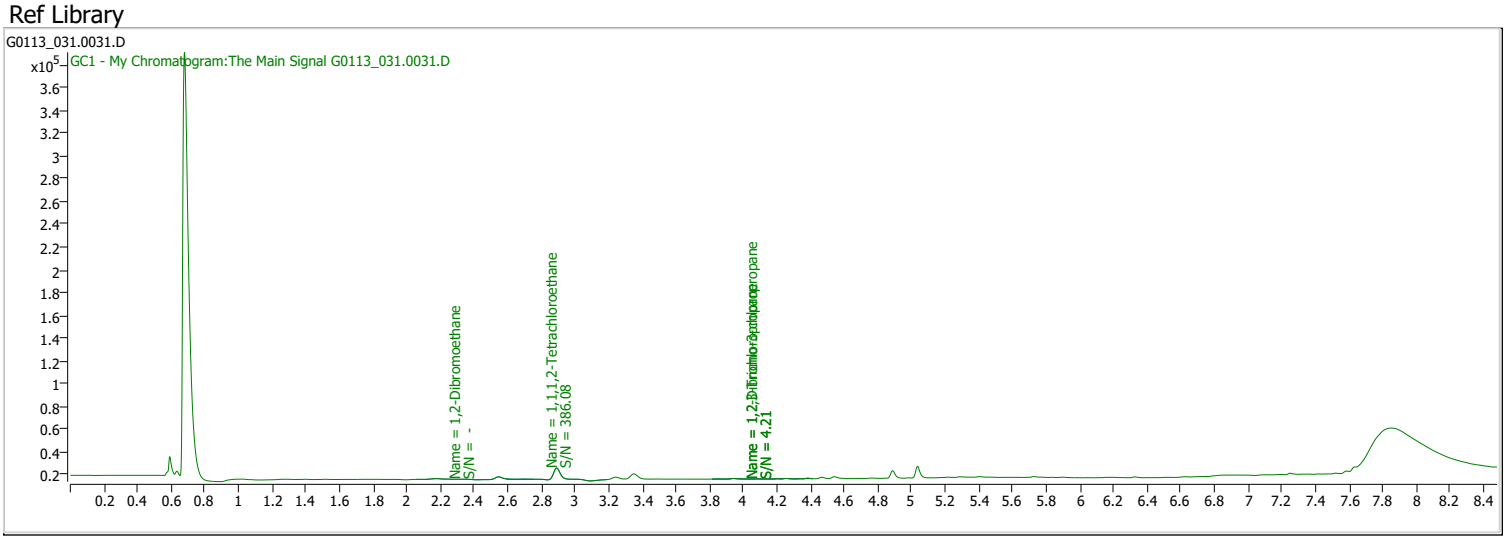






Quantitation Results Report (QT Reviewed)

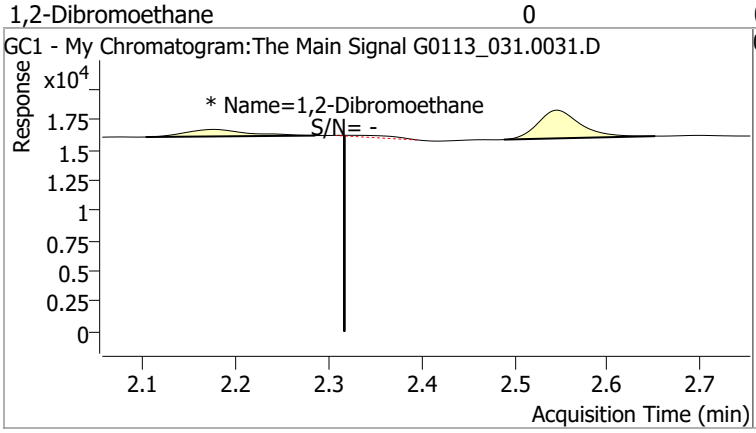
Data File	G0113_031.0031.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 8:44:52 PM
Sample Name	B22010626-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

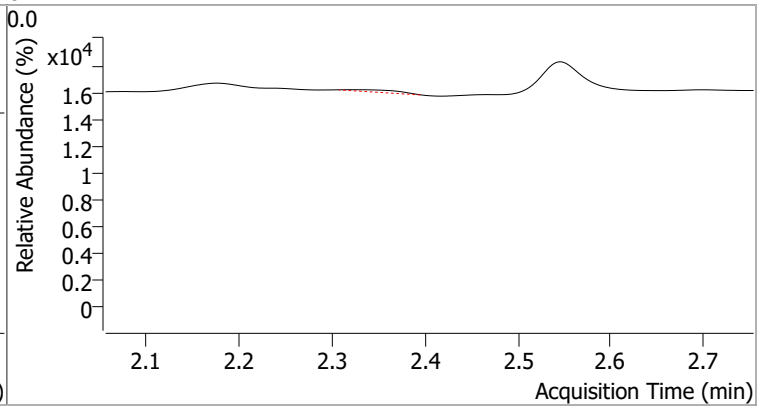


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.891	0.0	26475	0.0875	µg/L	m	-0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 87.52%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.317	0.0	0		µg/L	md	1

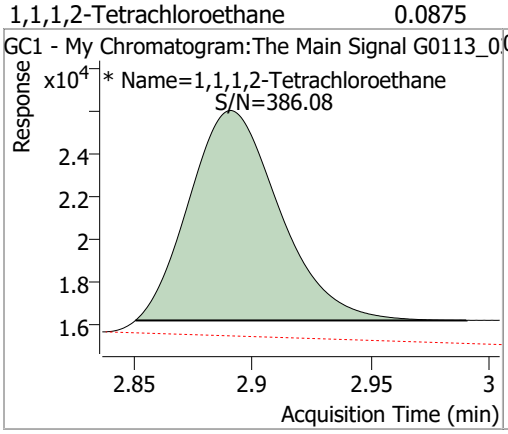
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

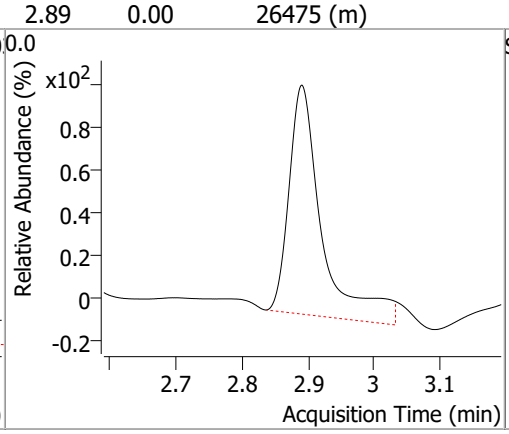
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

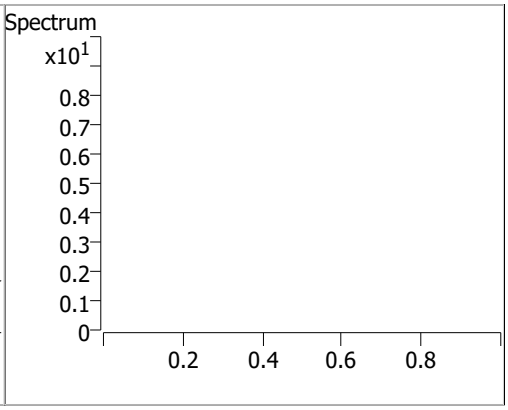




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0875	2.89	0.00	26475 (m)				

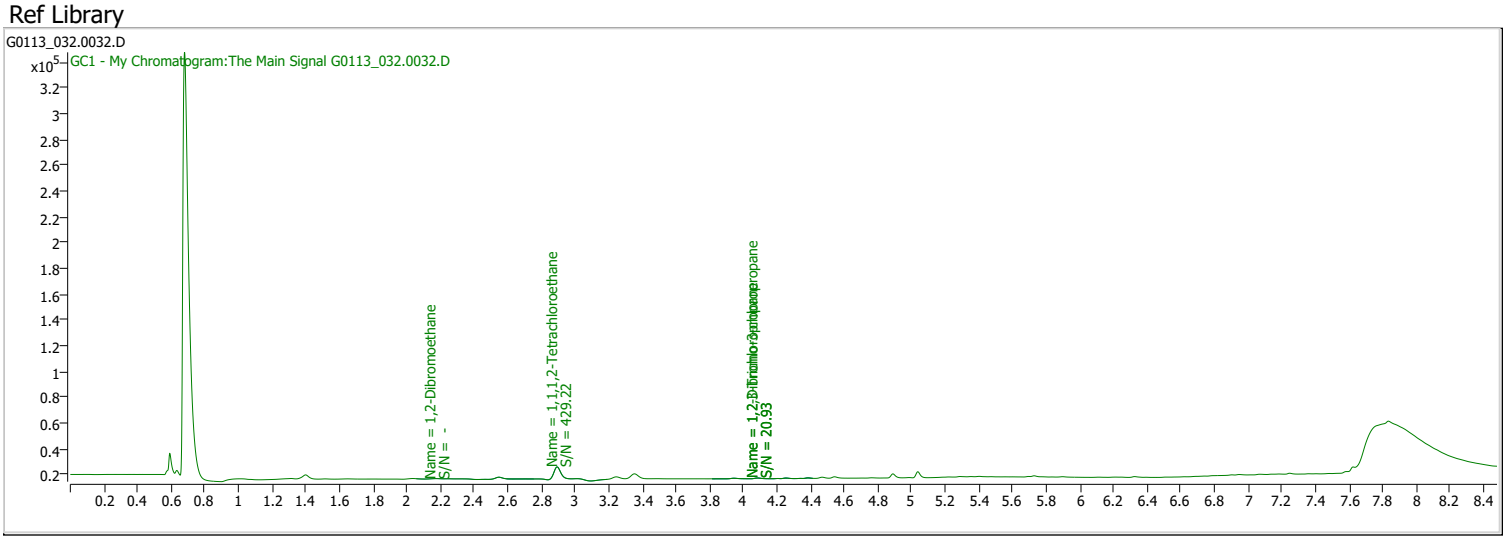






Quantitation Results Report (QT Reviewed)

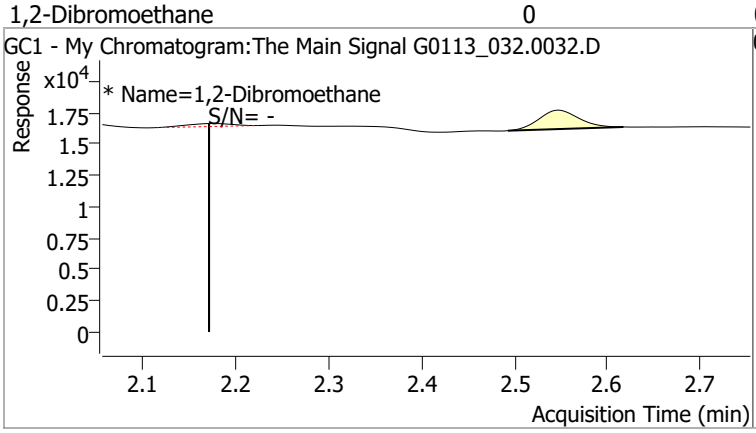
Data File	G0113_032.0032.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 9:04:42 PM
Sample Name	B22010626-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

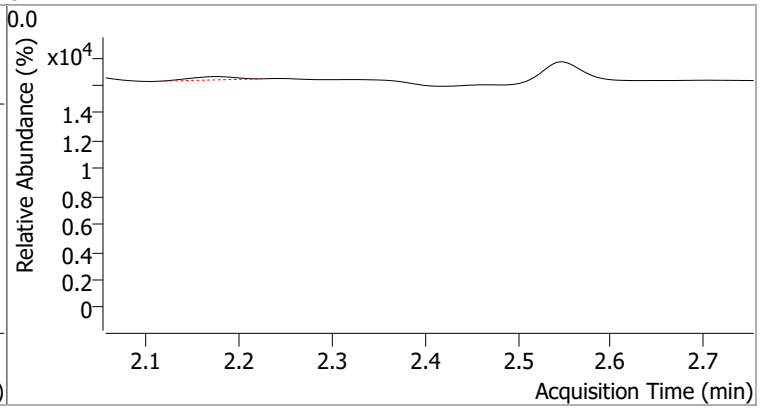


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.893	0.0	25590	0.0850	µg/L	m	0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 84.99%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.171	0.0	0		µg/L	md	1

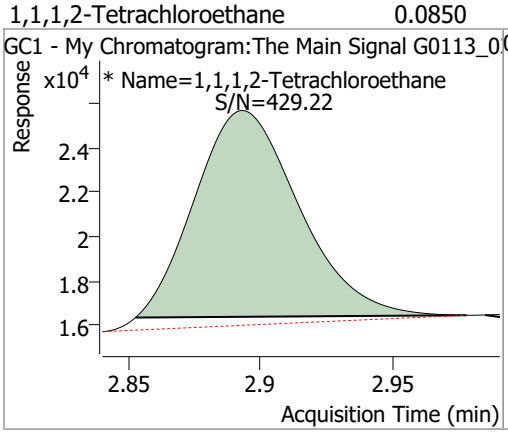
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

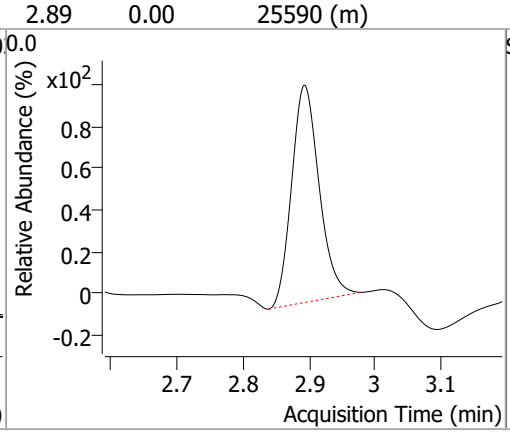
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

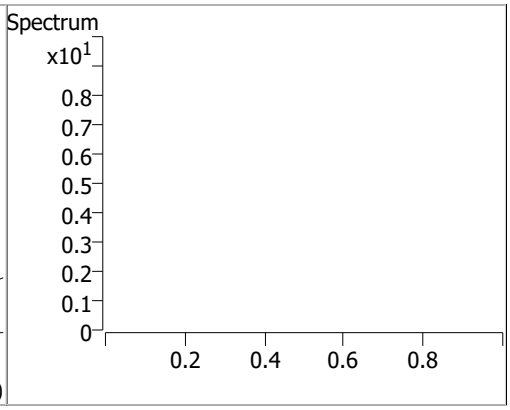




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0850	2.89	0.00	25590 (m)				

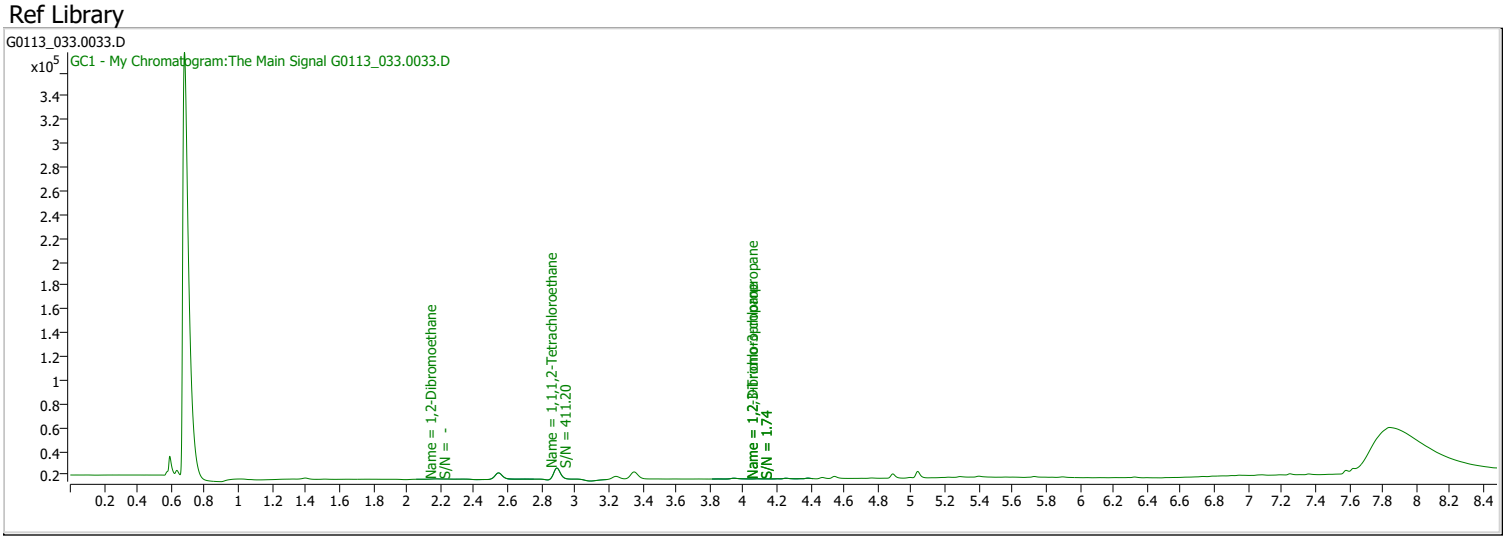






Quantitation Results Report (QT Reviewed)

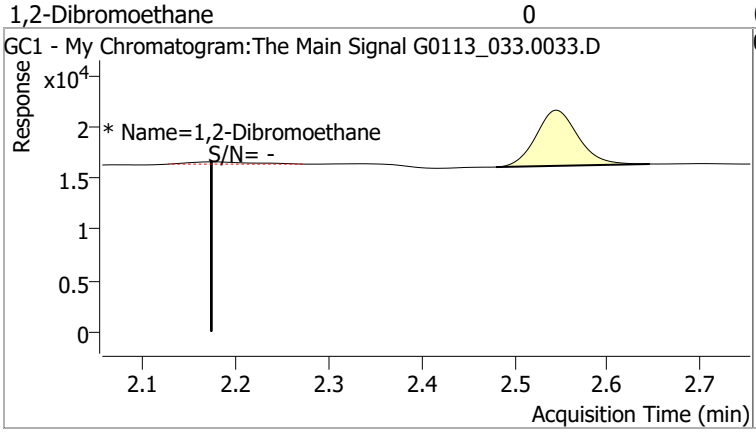
Data File	G0113_033.0033.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 9:24:33 PM
Sample Name	B22010628-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

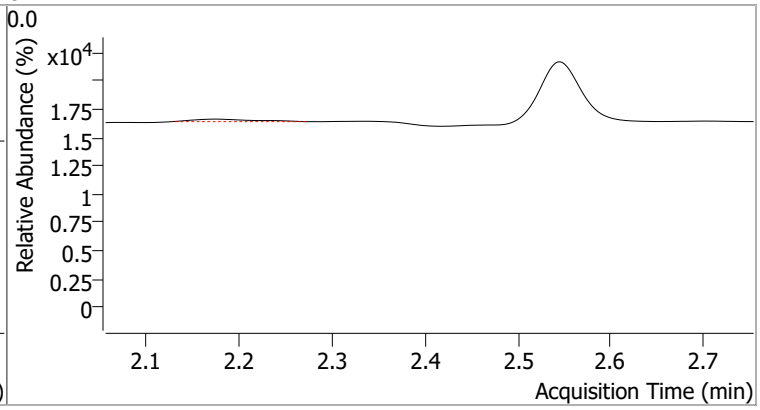


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.892	0.0	27335	0.0900	µg/L	m	0.000
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 89.97%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.173	0.0	0		µg/L	md	1

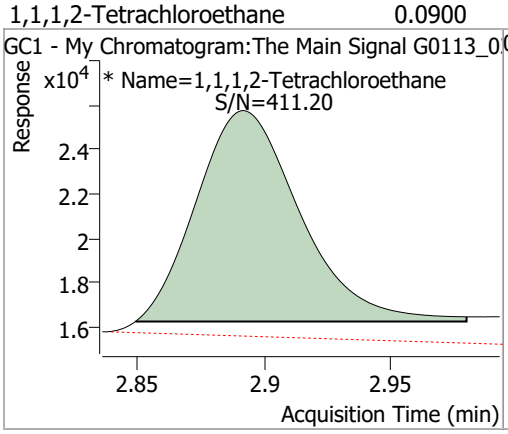
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

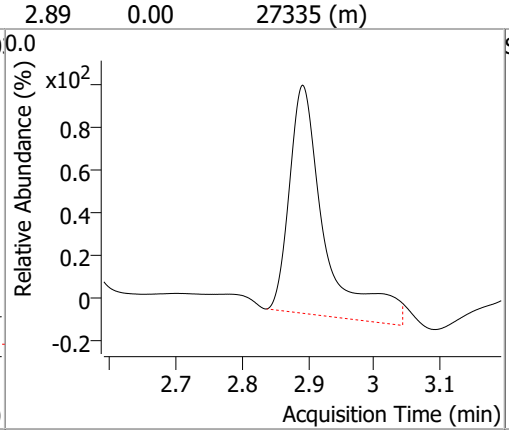
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

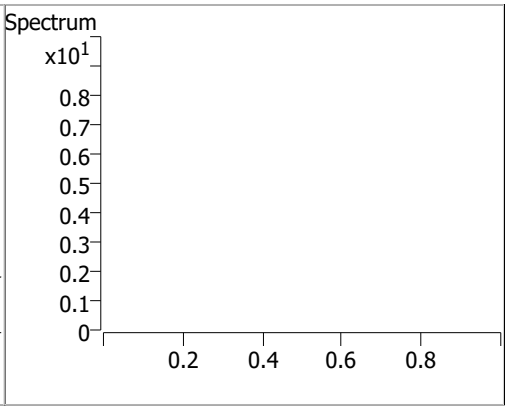




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0900	2.89	0.00	27335 (m)				

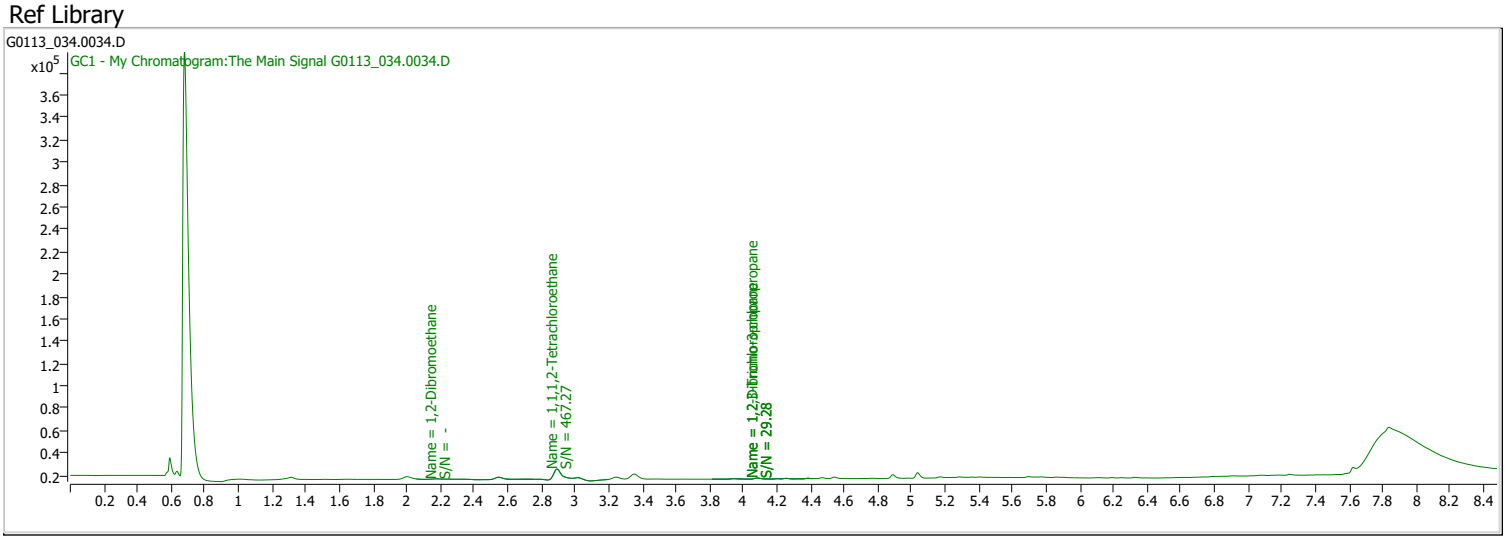






Quantitation Results Report (QT Reviewed)

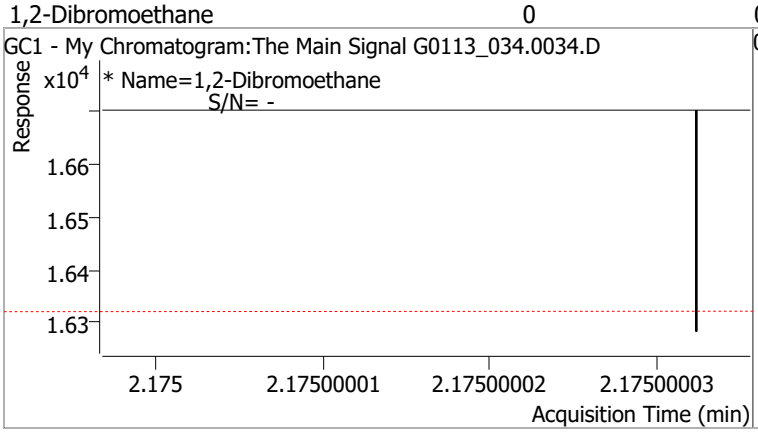
Data File	G0113_034.0034.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 9:44:43 PM
Sample Name	B22010628-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

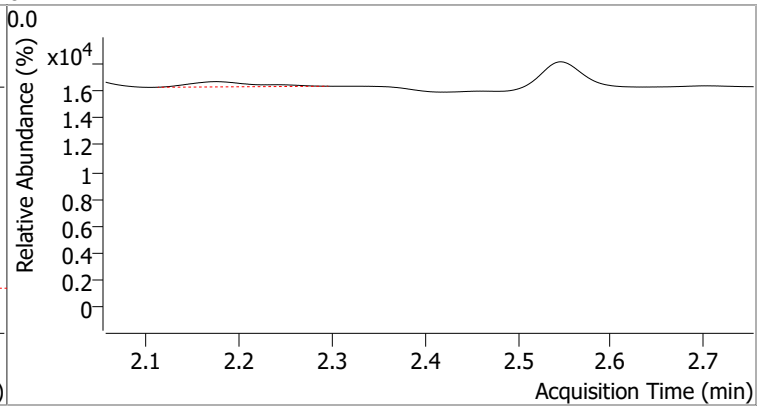


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.893	0.0	29548	0.0963	µg/L		0.001
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 96.26%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.175	0.0	0		µg/L	md	1

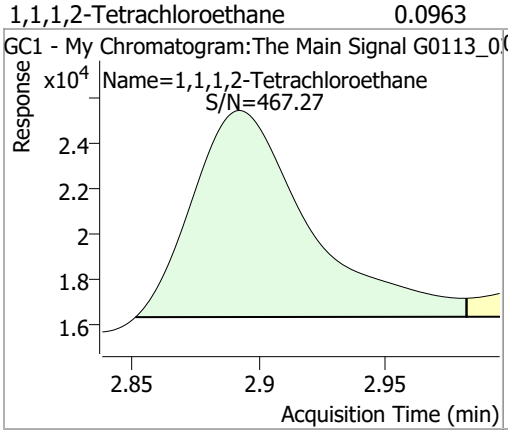
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

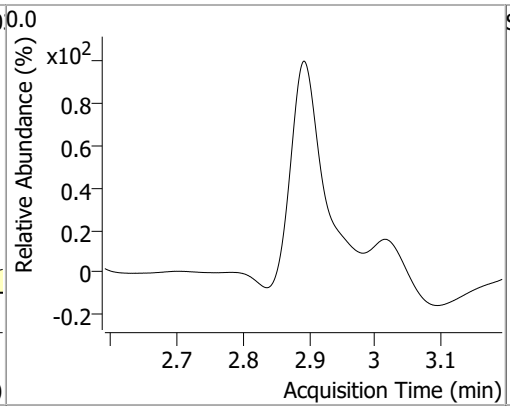
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

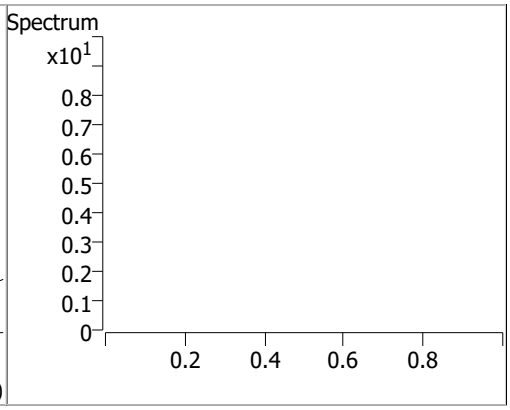




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0963	2.89	0.00	29548				

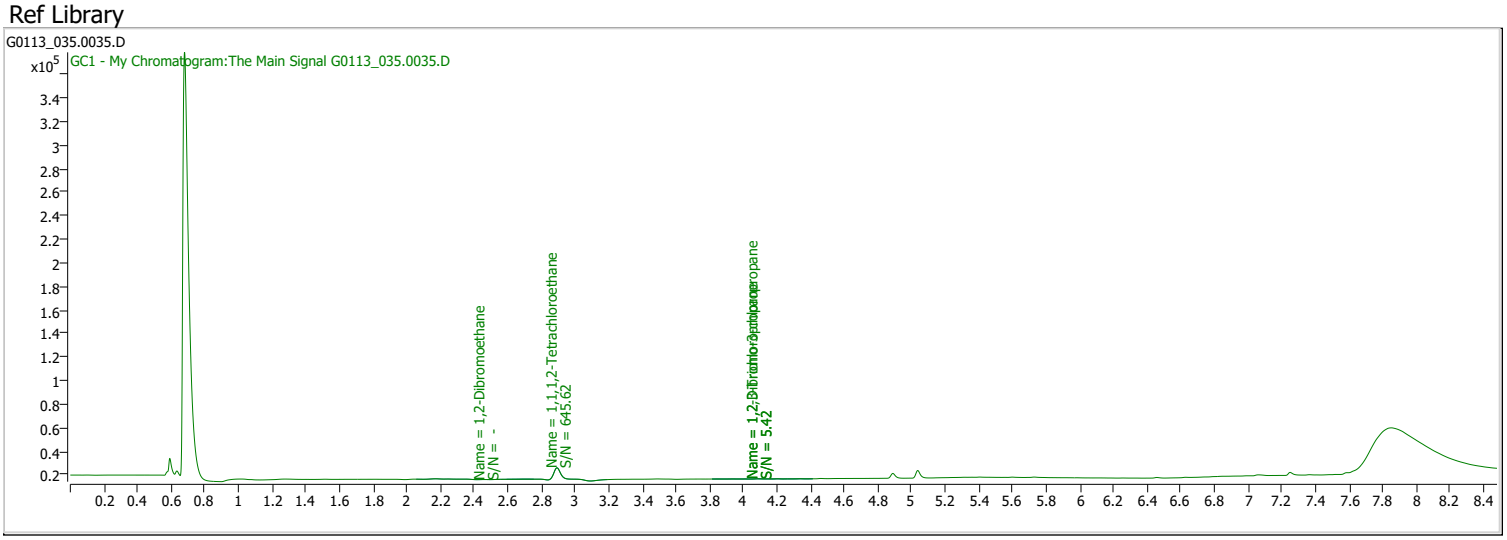






Quantitation Results Report (QT Reviewed)

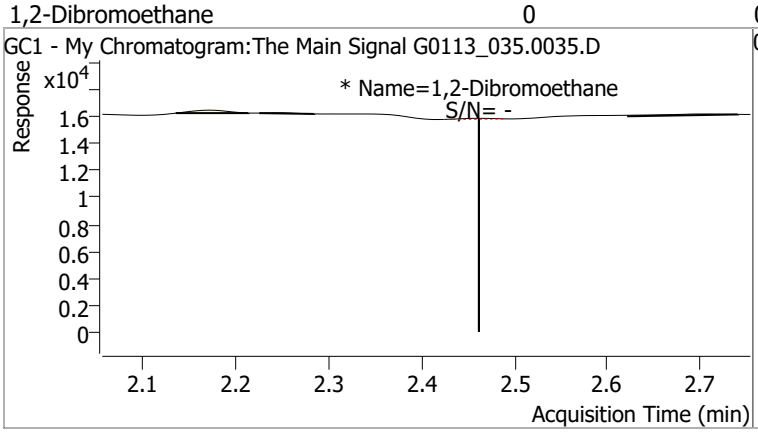
Data File	G0113_035.0035.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 10:04:46 PM
Sample Name	B22010629-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

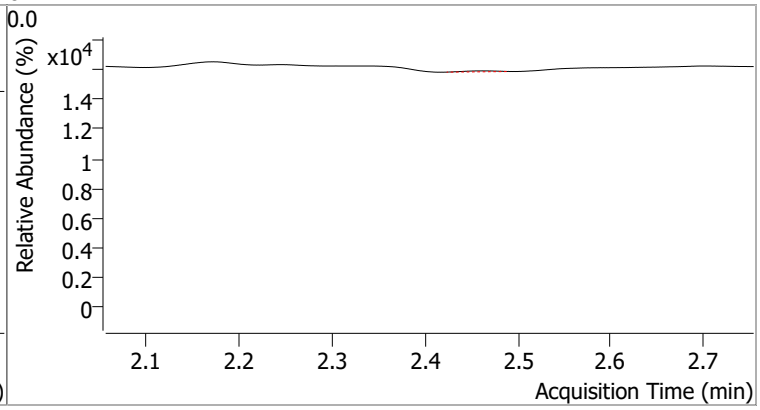


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.892	0.0	26403	0.0873	µg/L	m	0.000
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 87.31%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.462	0.0	0		µg/L	md	1

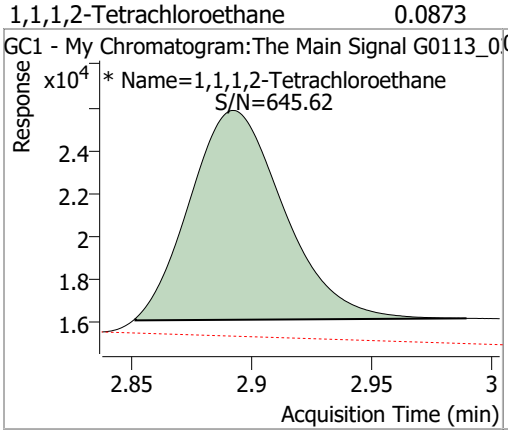
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

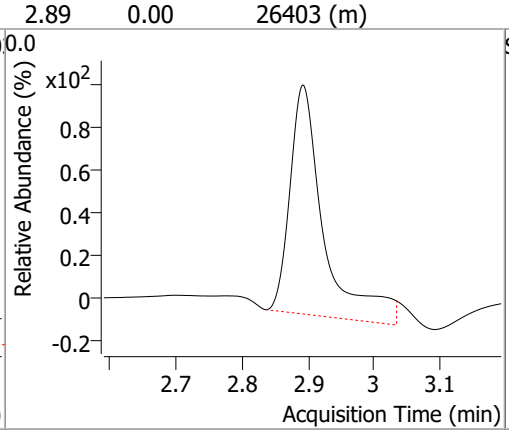
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

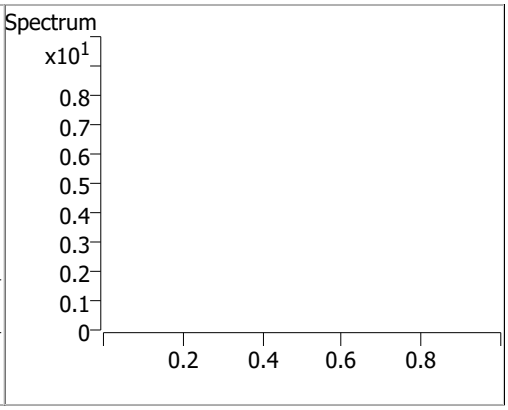




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0873	2.89	0.00	26403 (m)				



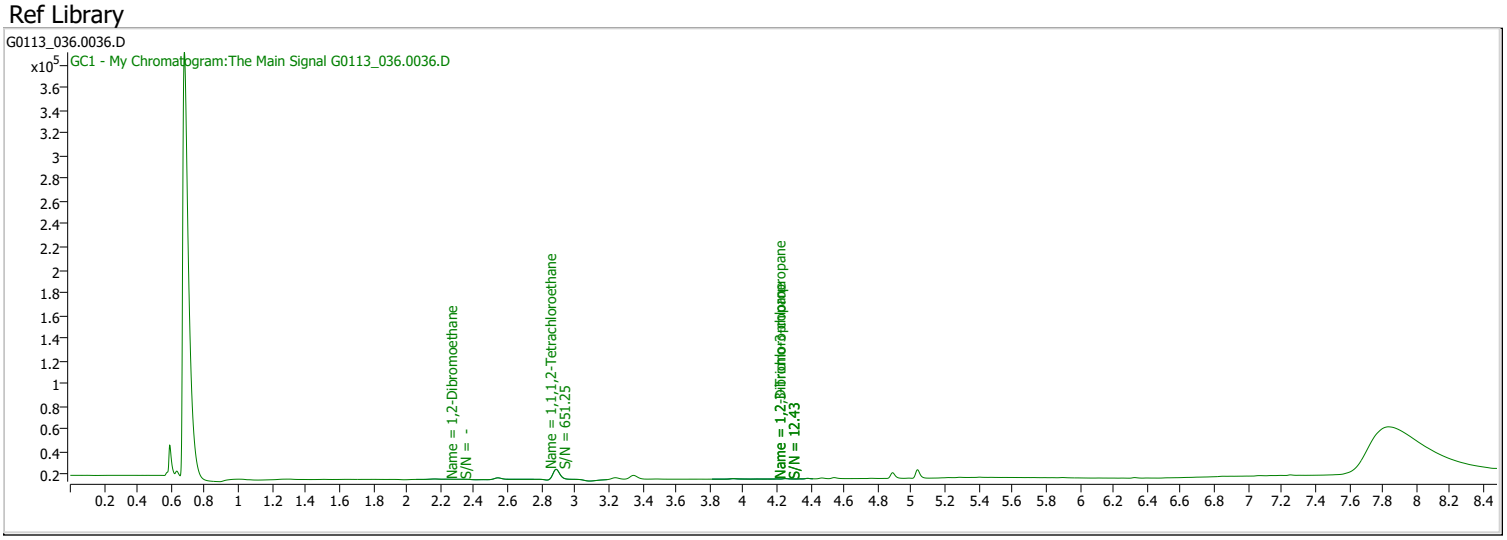




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

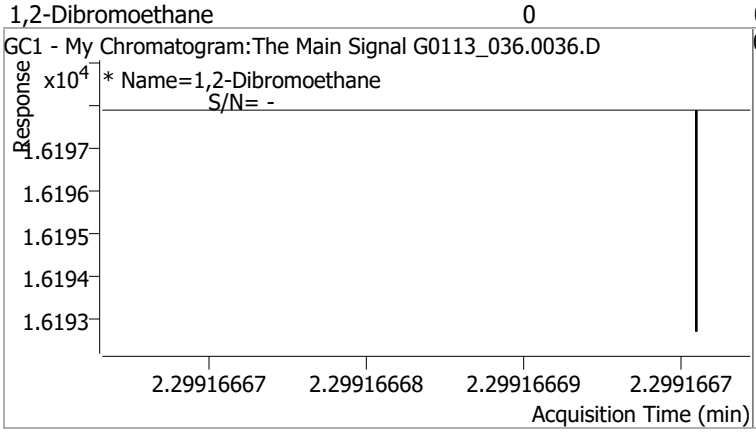
Data File	G0113_036.0036.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 10:24:52 PM
Sample Name	B22010629-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

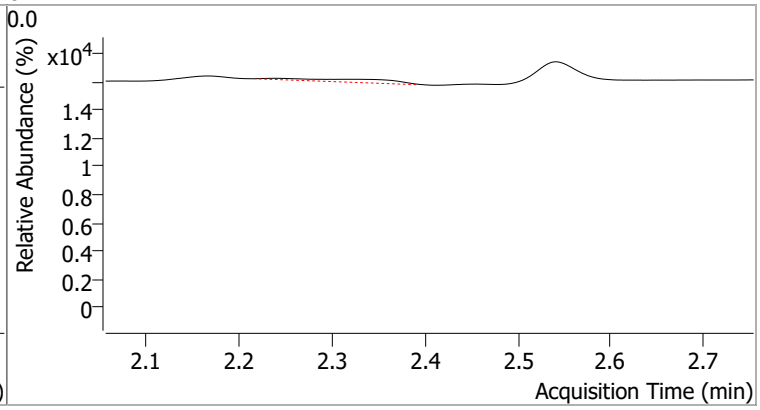


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.887	0.0	24431	0.0817	µg/L	m	-0.005
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 81.68%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.299	0.0	0		µg/L	md	1

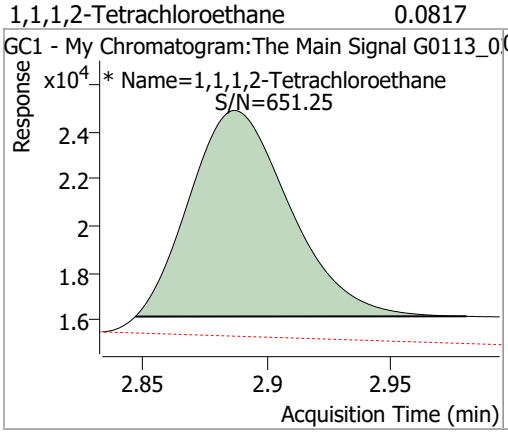
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

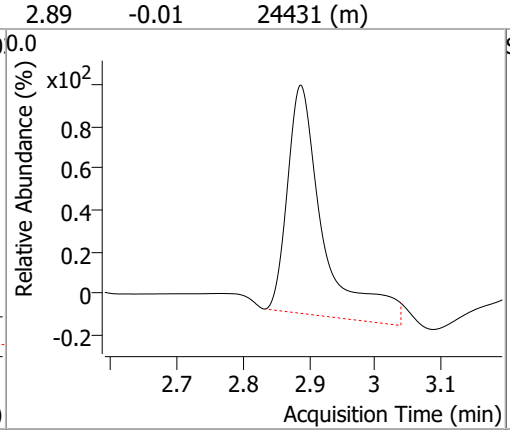
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

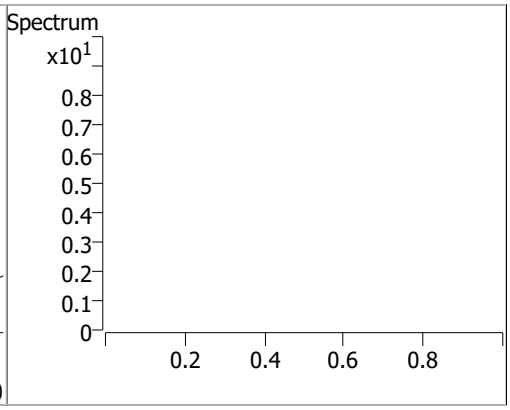




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0817	2.89	-0.01	24431 (m)				

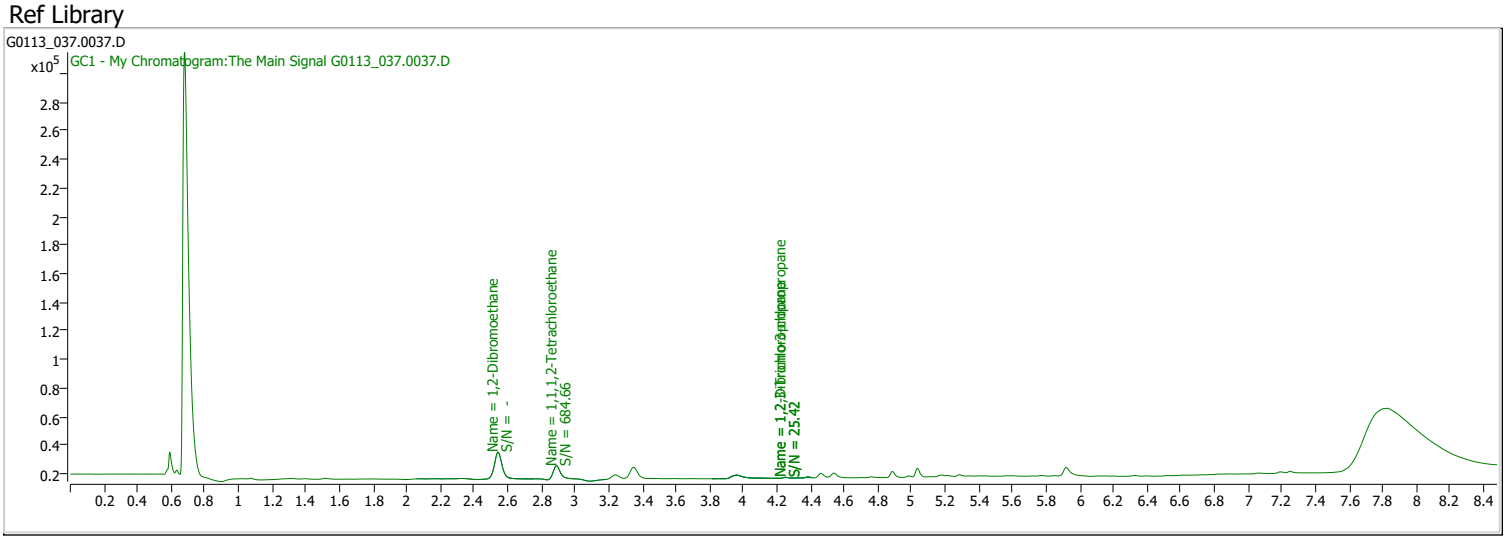






Quantitation Results Report (QT Reviewed)

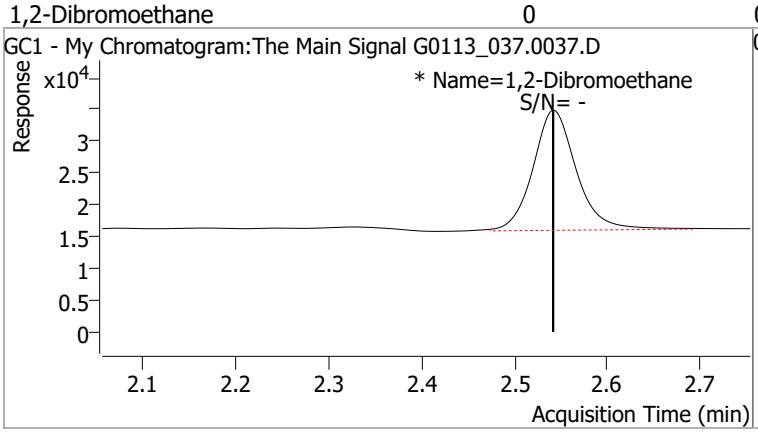
Data File	G0113_037.0037.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 10:44:45 PM
Sample Name	B22010507-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

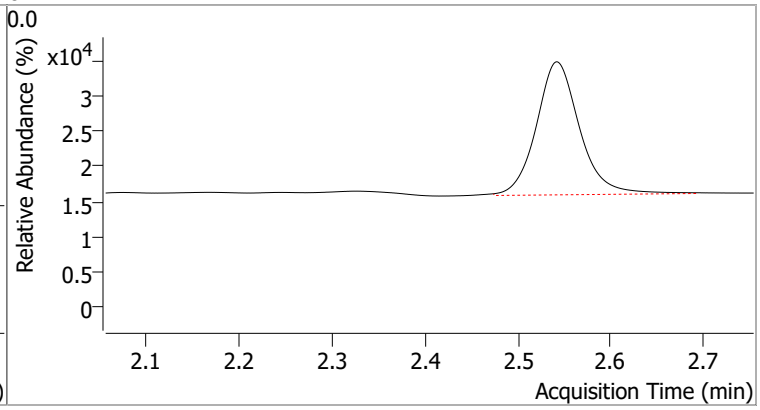


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.889	0.0	26420	0.0874	µg/L	m	-0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 87.36%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.542	0.0	0		µg/L	md	1

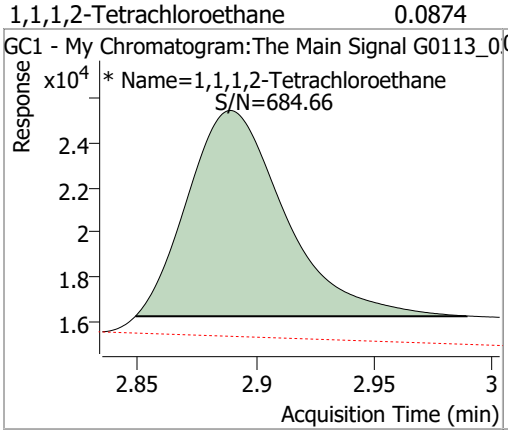
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

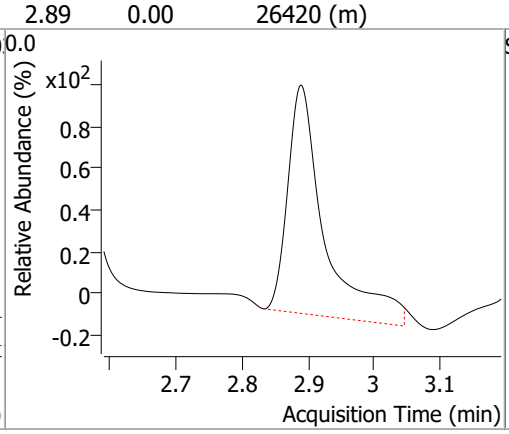
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

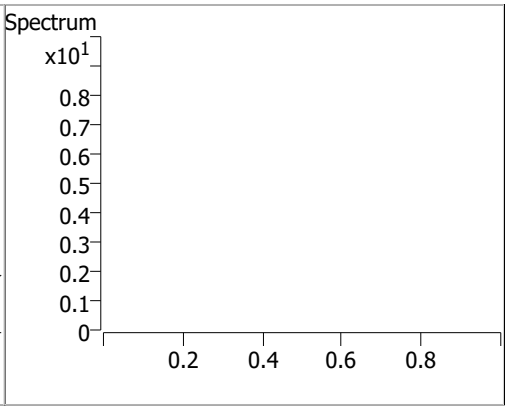




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0874	2.89	0.00	26420 (m)				



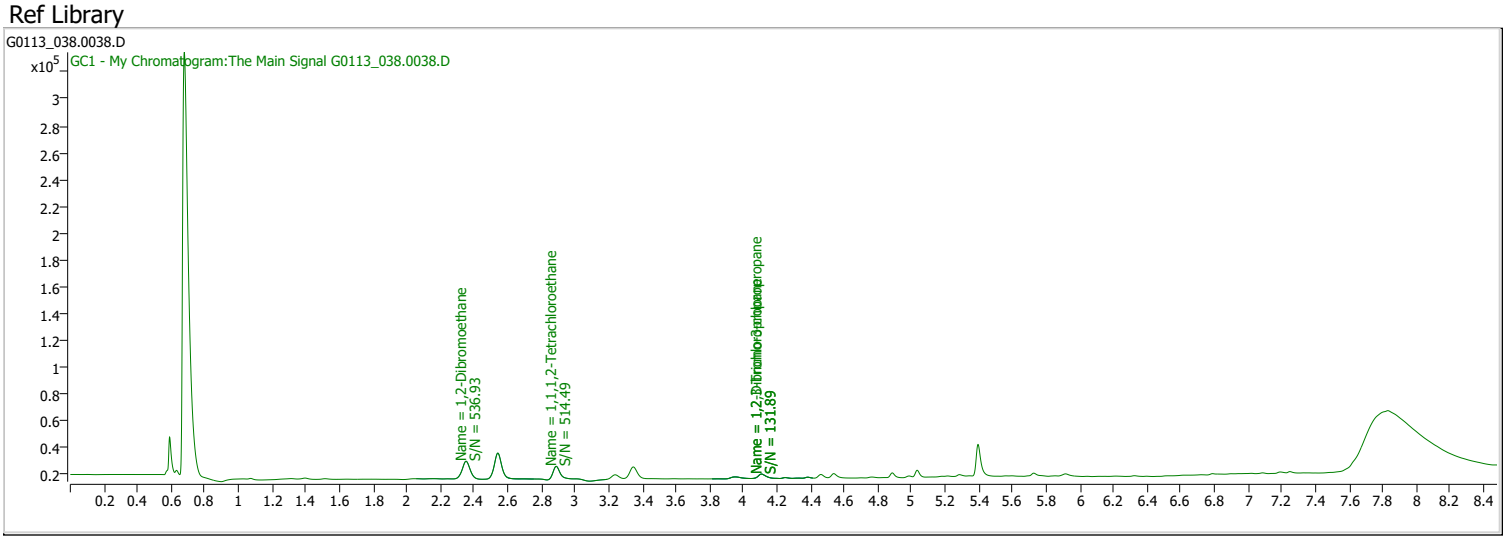




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

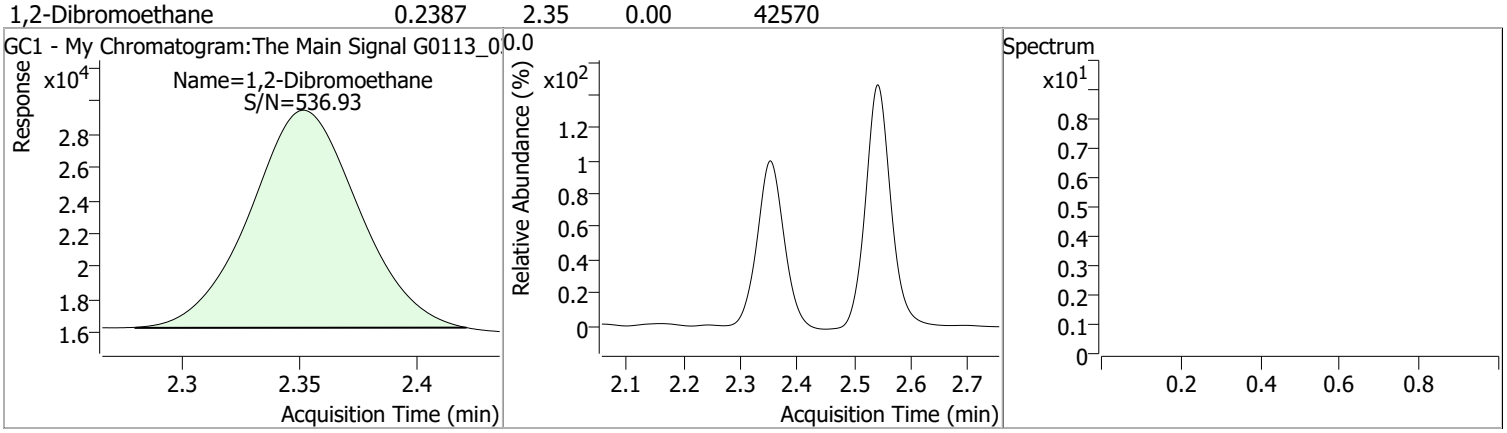
Data File	G0113_038.0038.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 11:04:45 PM
Sample Name	B22010507-001HMS	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			



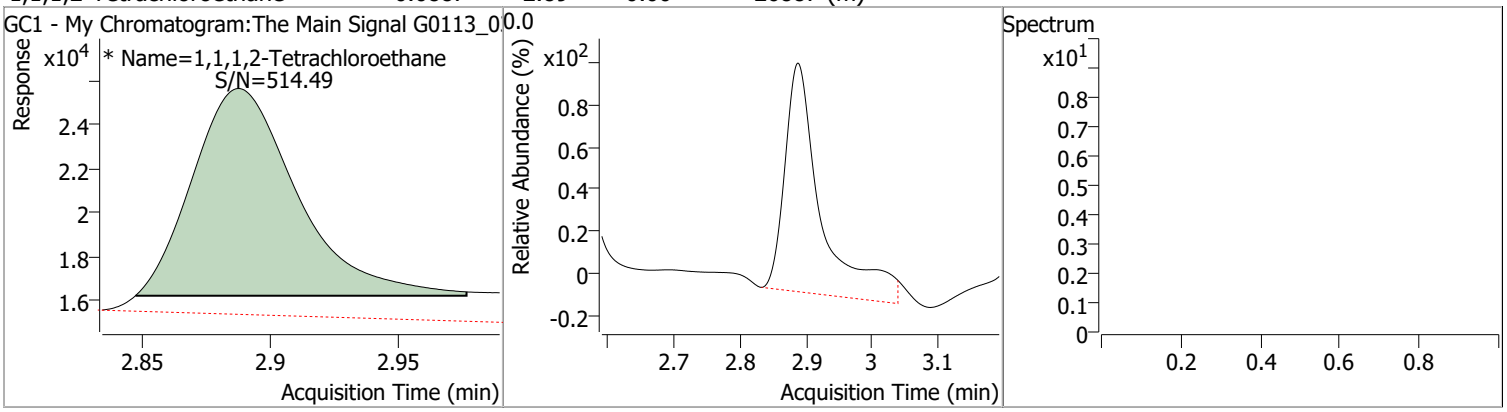
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.888	0.0	26887	0.0887	µg/L	m	-0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 88.69%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.352	0.0	42570	0.2387	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	0.2387	2.35	0.00	42570				

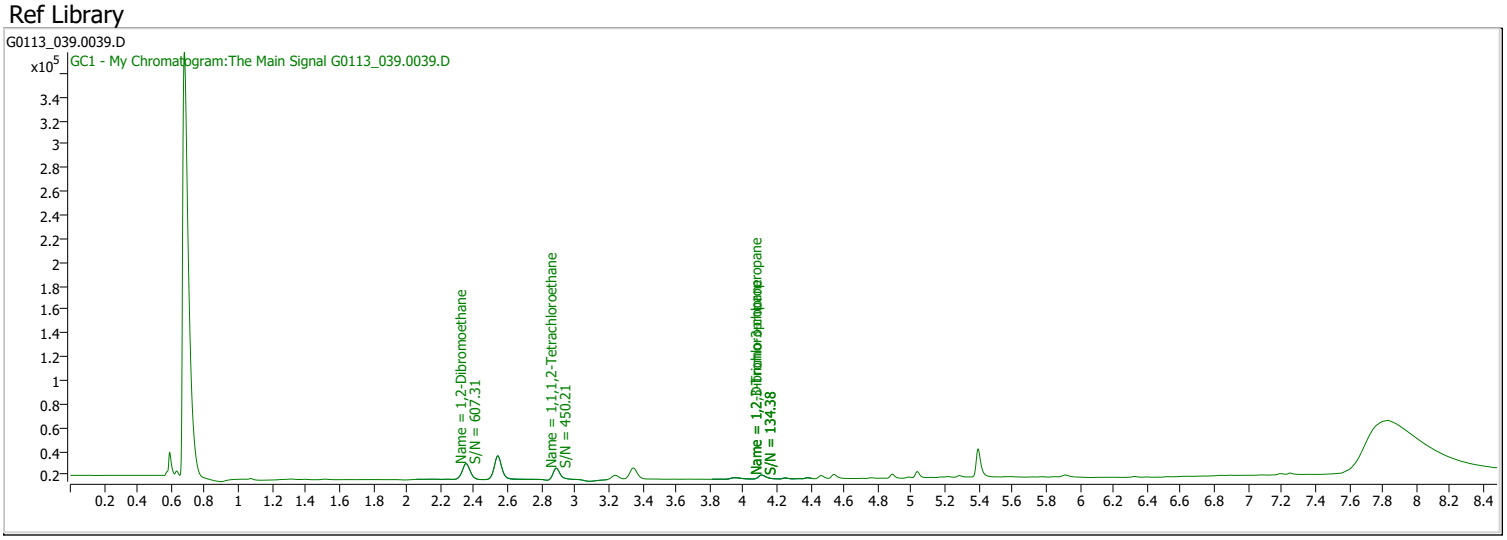


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0887	2.89	0.00	26887 (m)				



Quantitation Results Report (QT Reviewed)

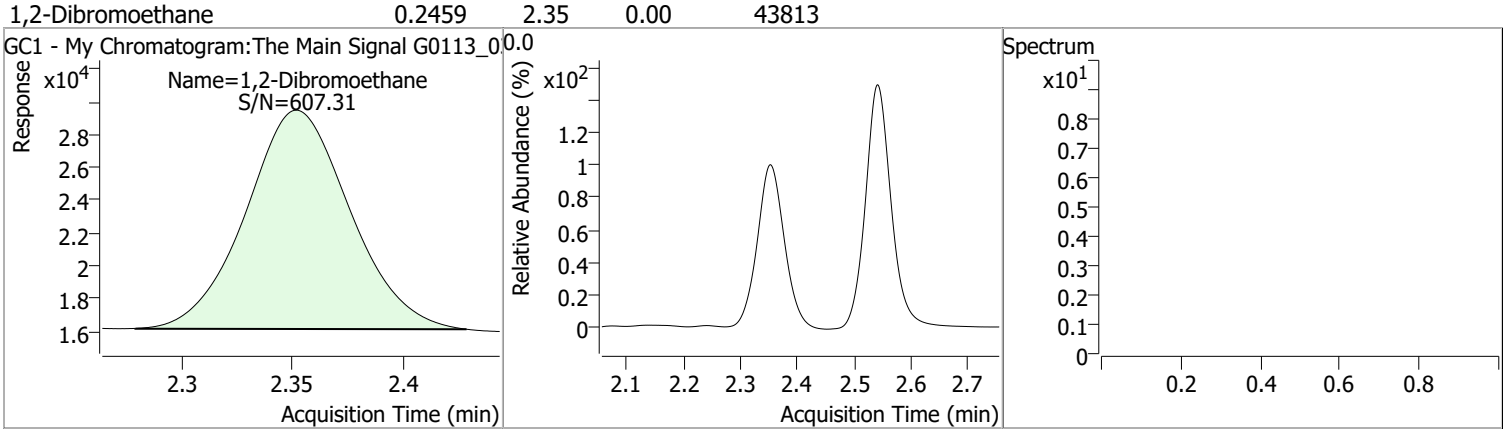
Data File	G0113_039.0039.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 11:24:53 PM
Sample Name	B22010507-001HMSD	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			



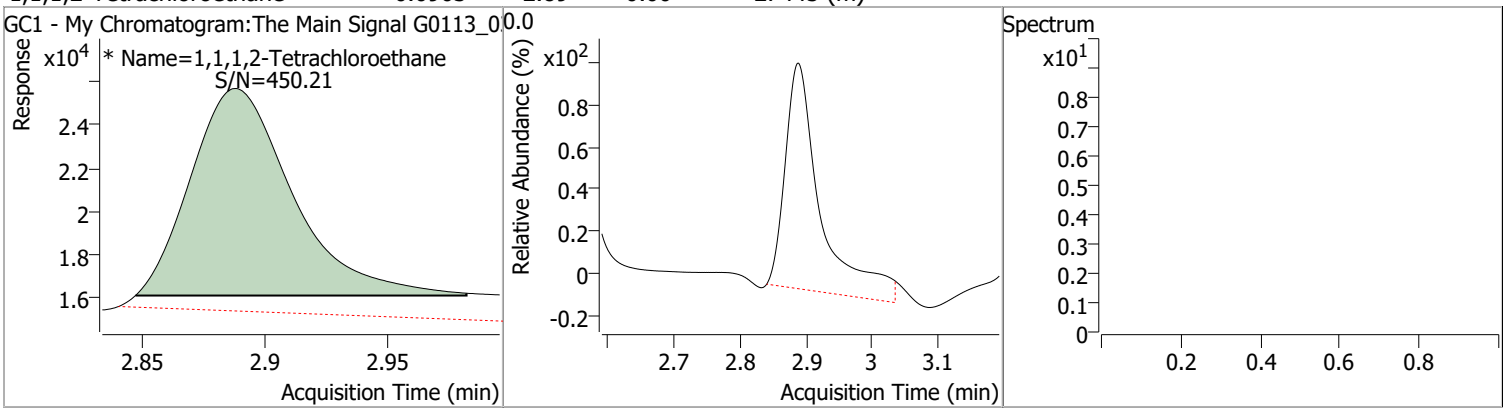
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.888	0.0	27445	0.0903	µg/L	m	-0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 90.28%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.353	0.0	43813	0.2459	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	0.2459	2.35	0.00	43813				



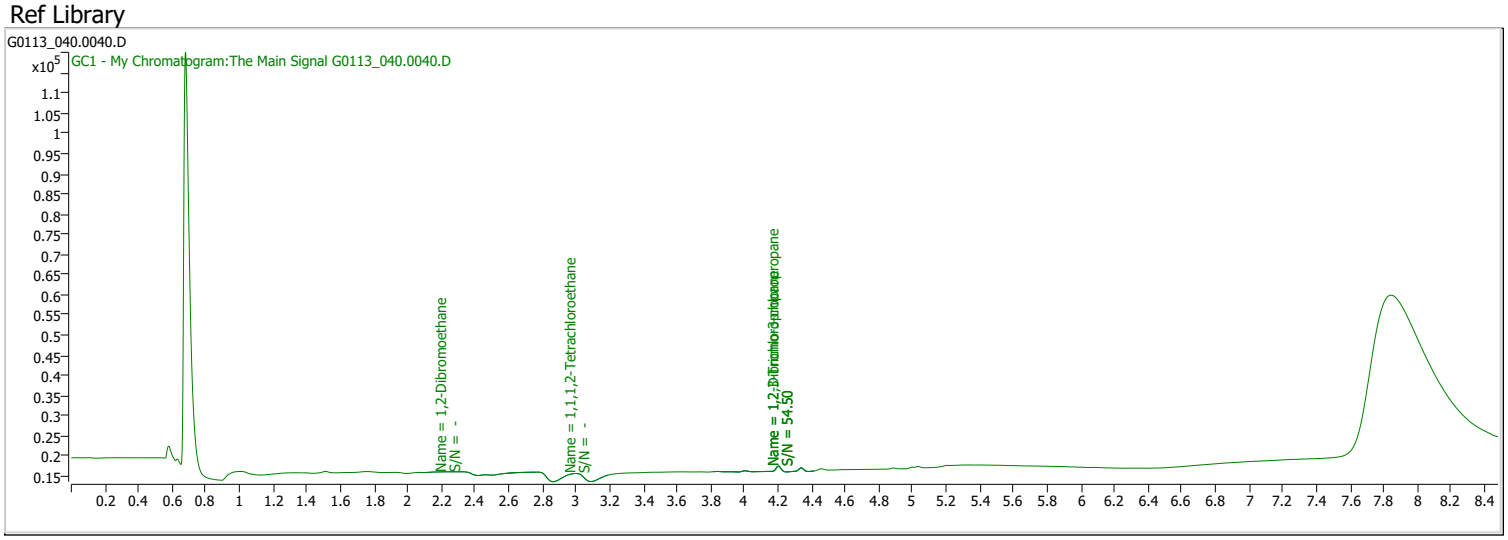
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0903	2.89	0.00	27445 (m)				



Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

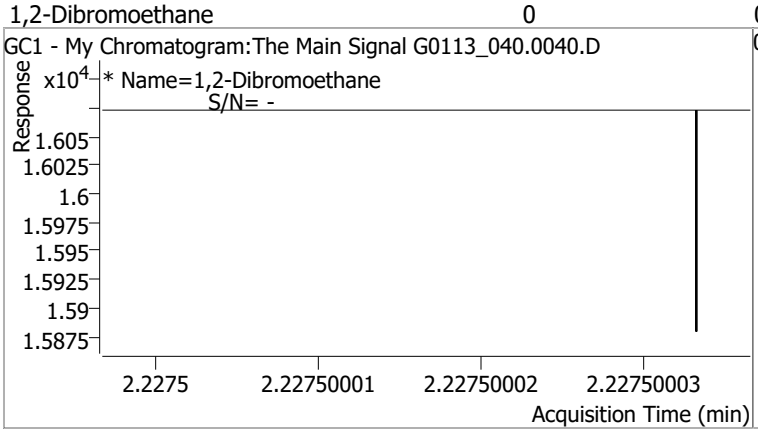
Data File	G0113_040.0040.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/13/2022 11:45:06 PM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

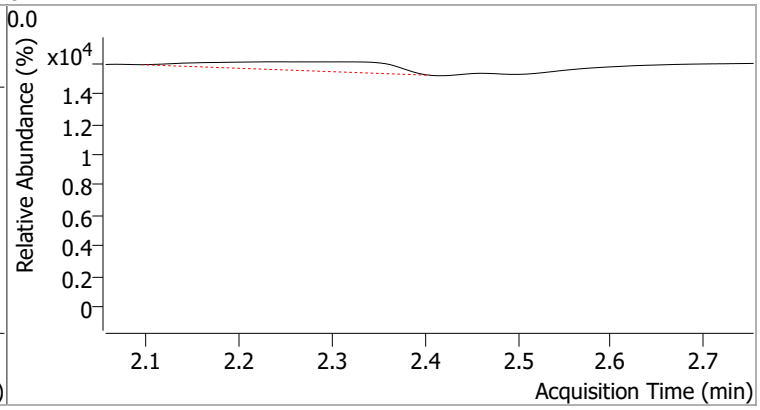


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.996	0.0	0		µg/L	md	0.104
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.228	0.0	0		µg/L	md	1

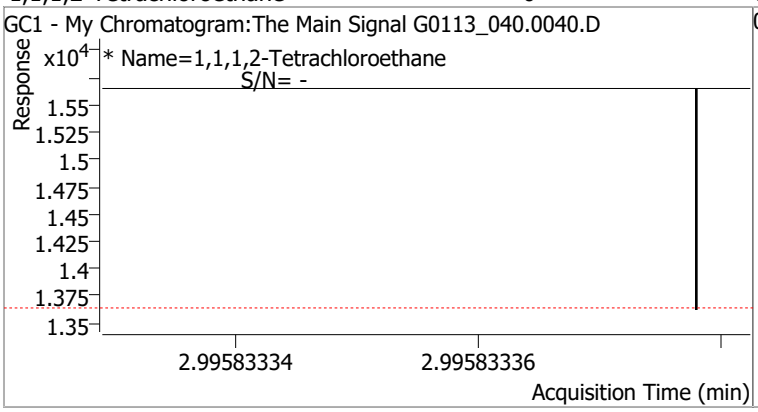
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

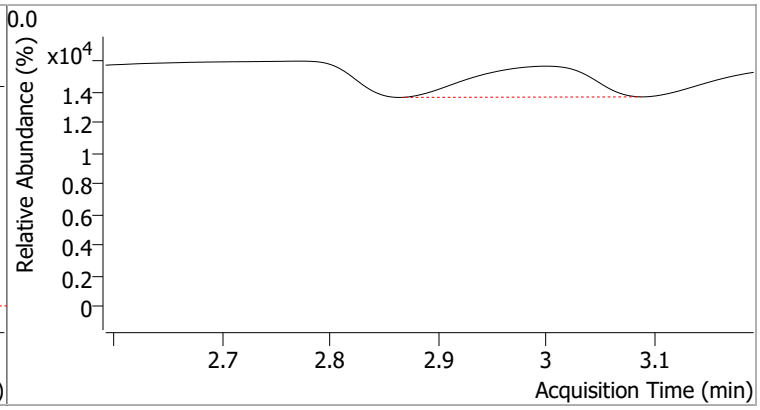
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





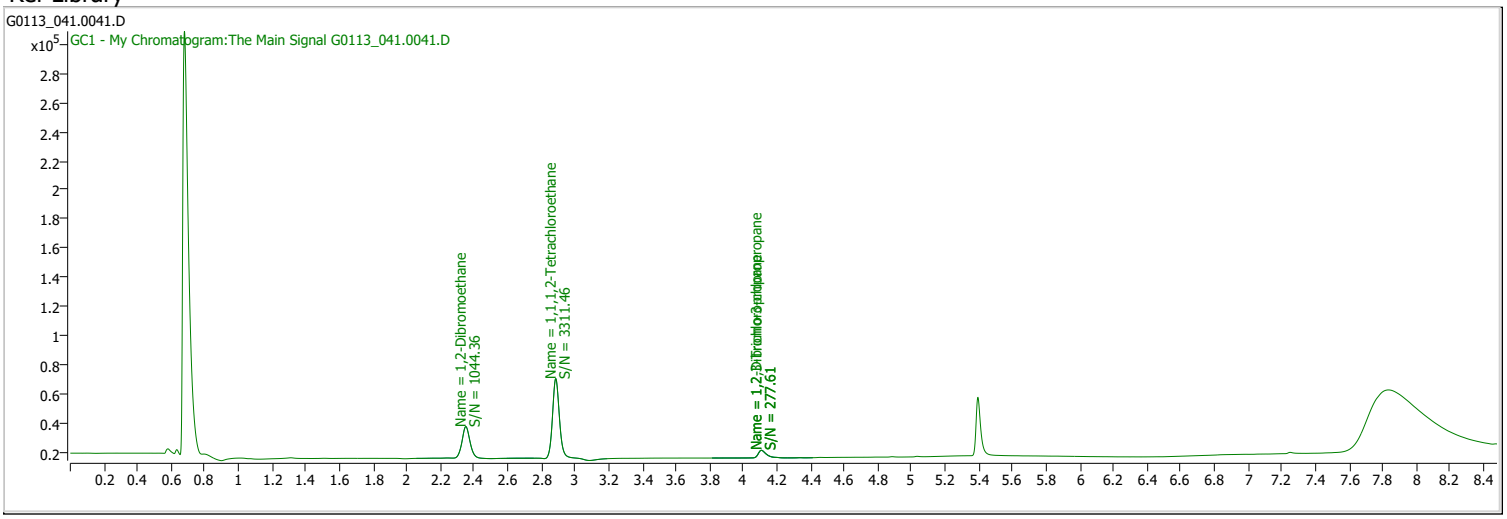
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

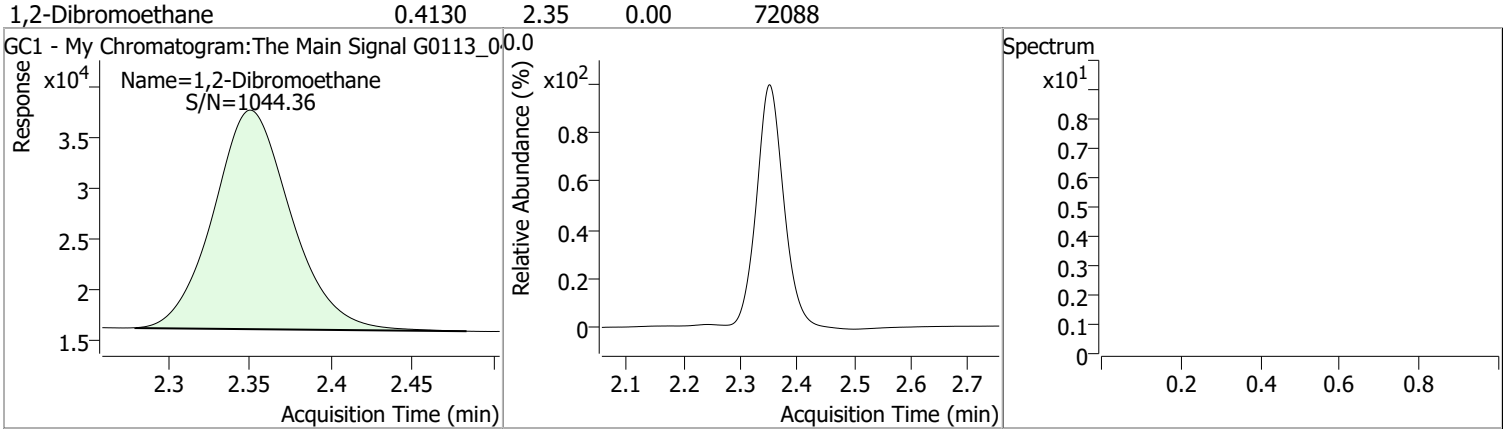
Data File	G0113_041.0041.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/14/2022 12:05:02 AM
Sample Name	CK5-162903	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			



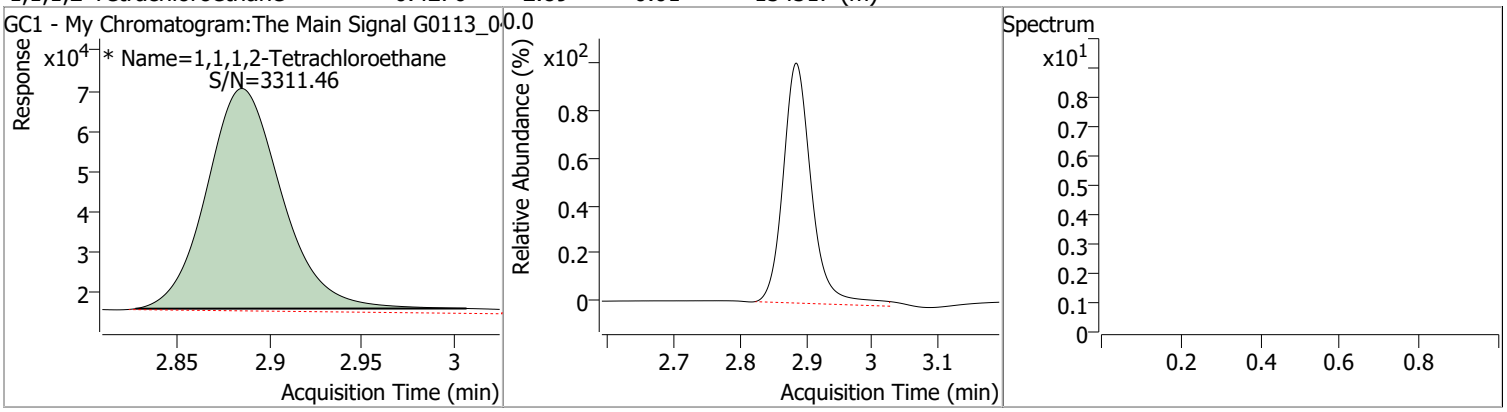
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.885	0.0	154517	0.4276	µg/L	m	-0.007
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 427.58%		*	
Target Compounds							QValue
M 1,2-Dibromoethane	2.351	0.0	72088	0.4130	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	0.4130	2.35	0.00	72088				

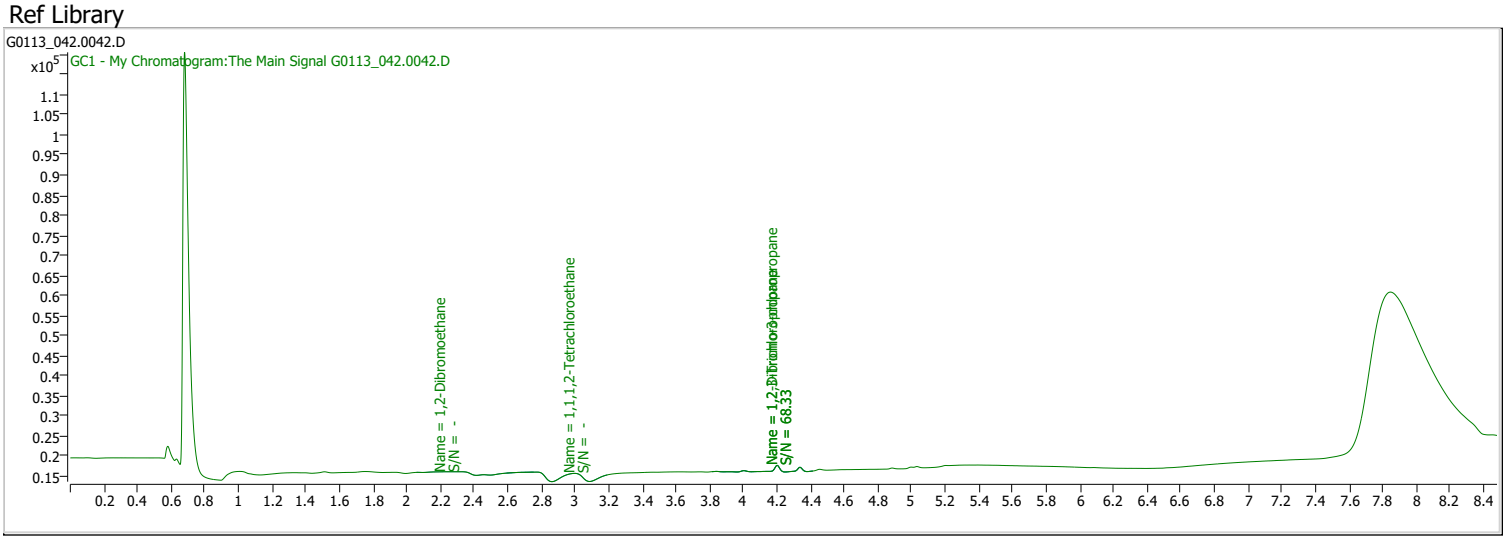


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.4276	2.89	-0.01	154517 (m)				



Quantitation Results Report (QT Reviewed)

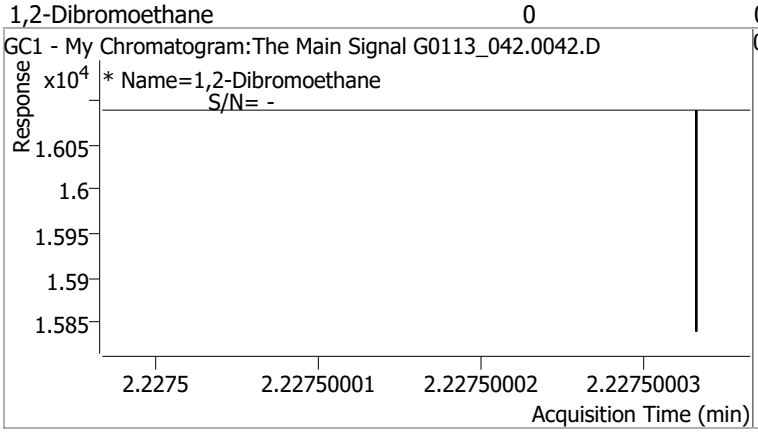
Data File	G0113_042.0042.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/14/2022 12:25:00 AM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

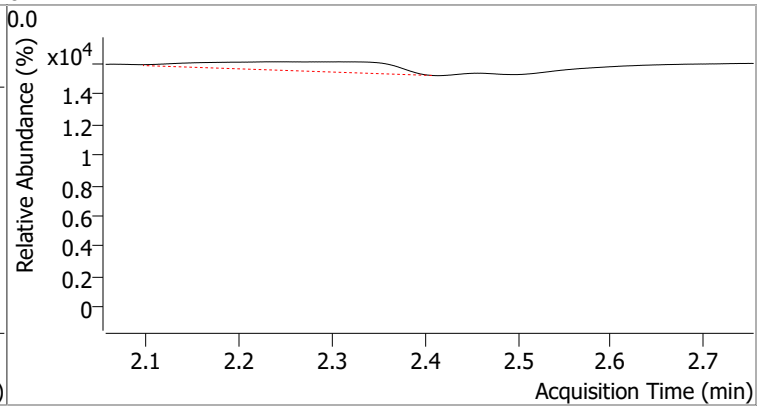


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.996	0.0	0		µg/L	md	0.104
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.228	0.0	0		µg/L	md	1

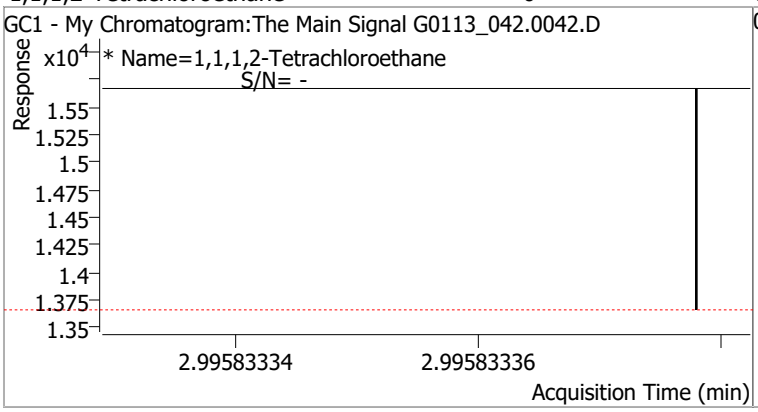
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

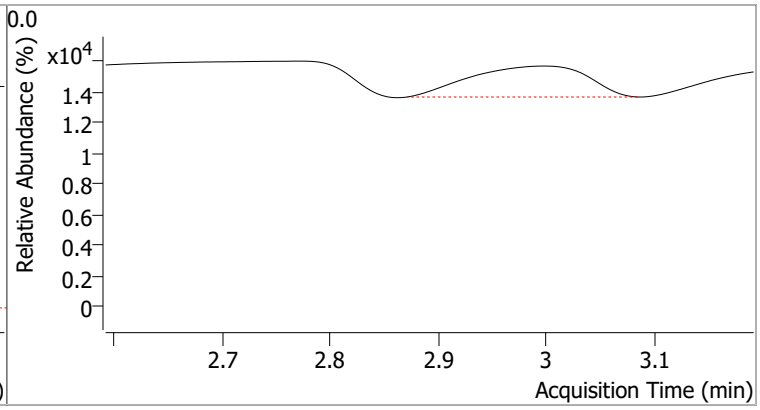
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





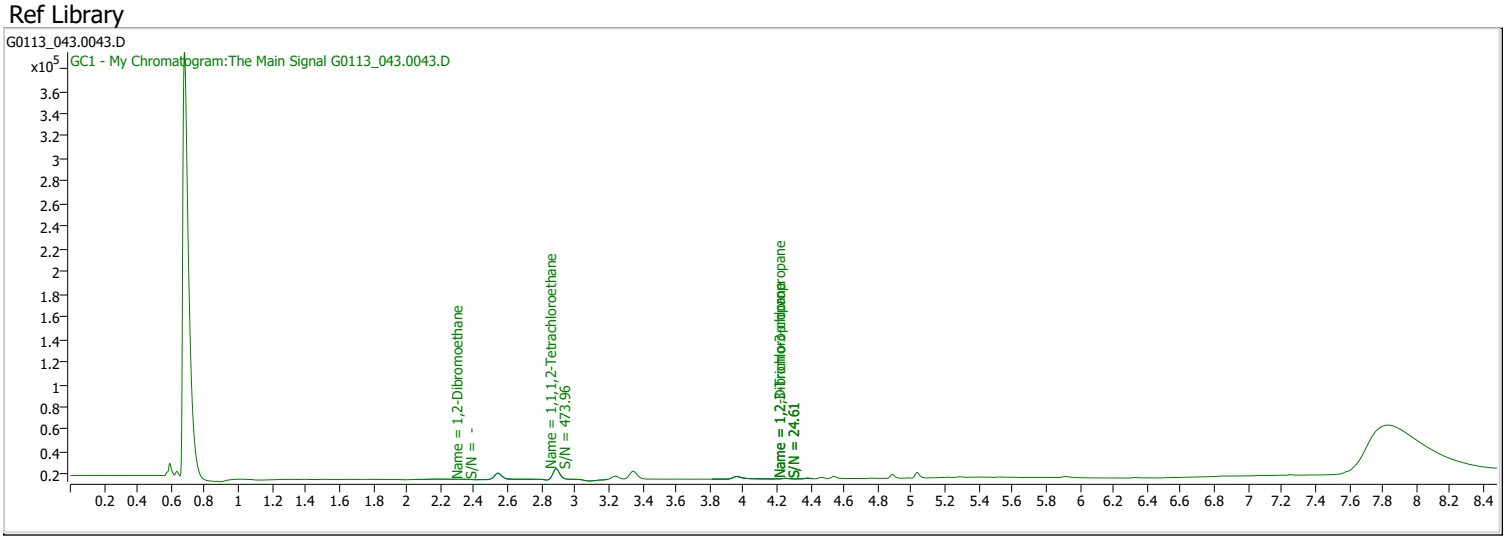
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

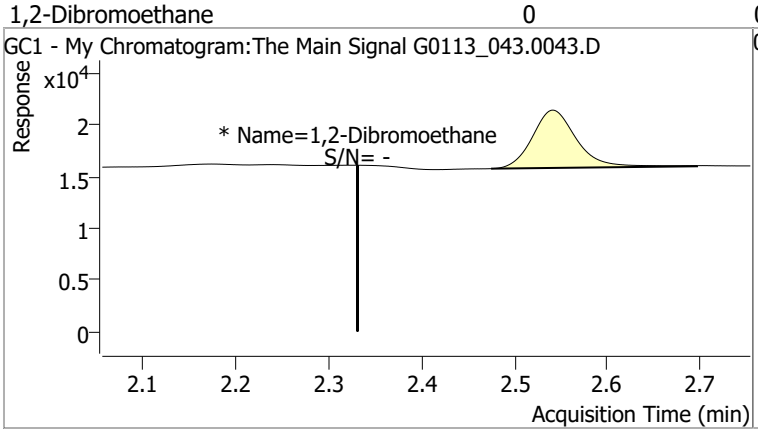
Data File	G0113_043.0043.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/14/2022 12:44:59 AM
Sample Name	B22010633-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

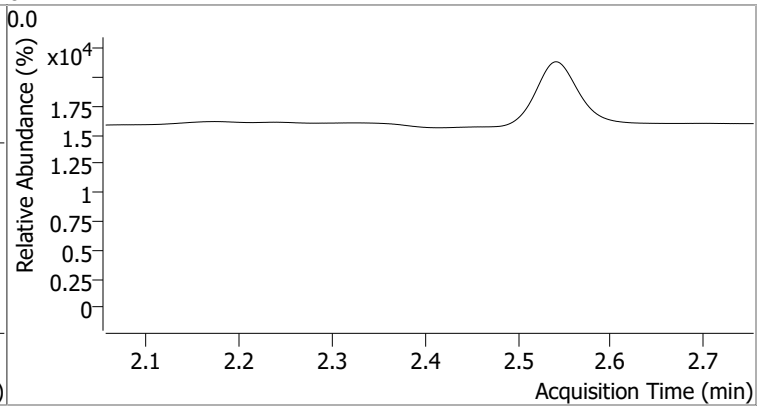


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.888	0.0	25623	0.0851	µg/L	m	-0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 85.09%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.331	0.0	0		µg/L	md	1

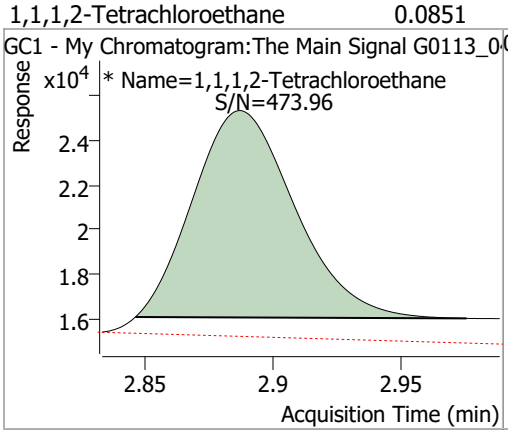
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

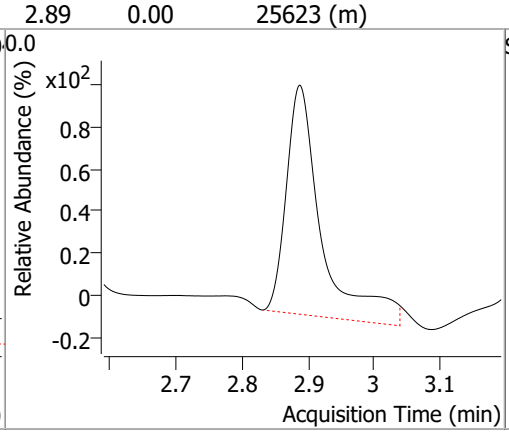
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

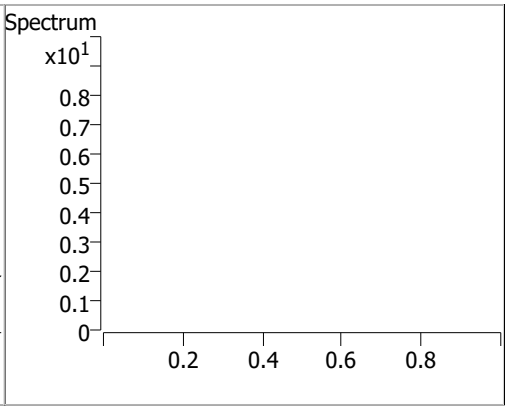




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0851	2.89	0.00	25623 (m)				

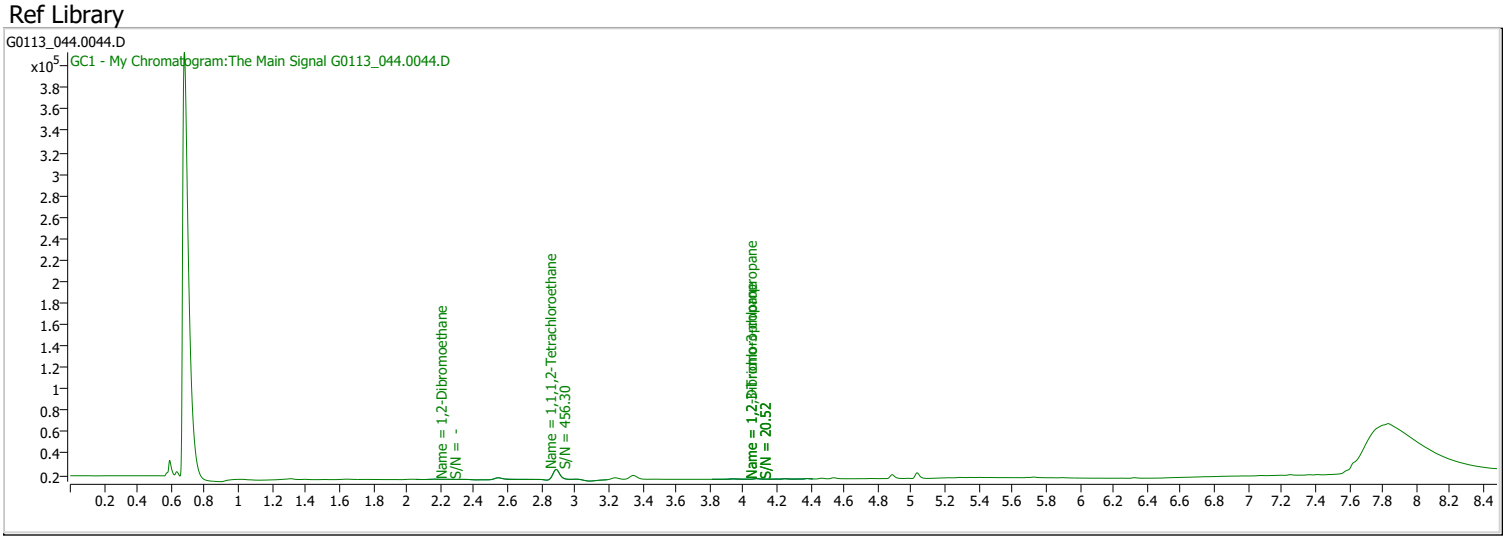






Quantitation Results Report (QT Reviewed)

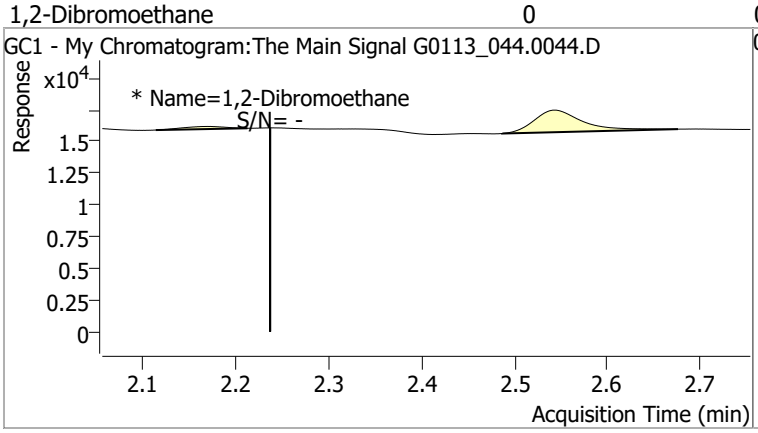
Data File	G0113_044.0044.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/14/2022 1:05:08 AM
Sample Name	B22010633-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

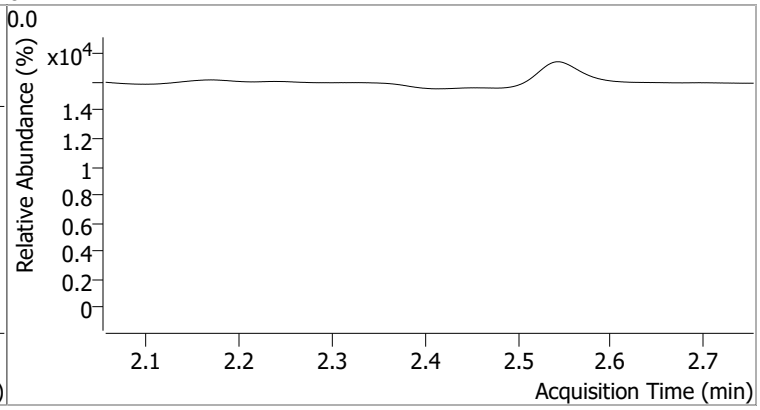


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.888	0.0	25420	0.0845	µg/L		-0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 84.51%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.237	0.0	0		µg/L	md	1

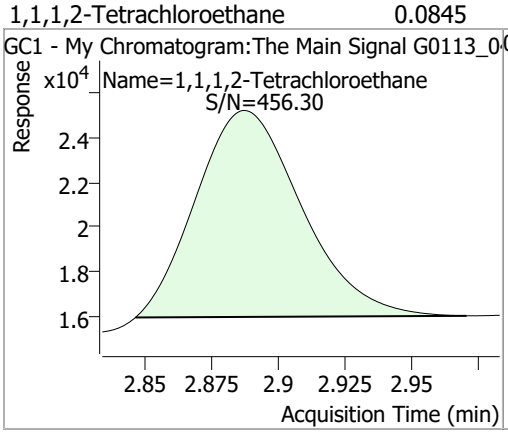
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

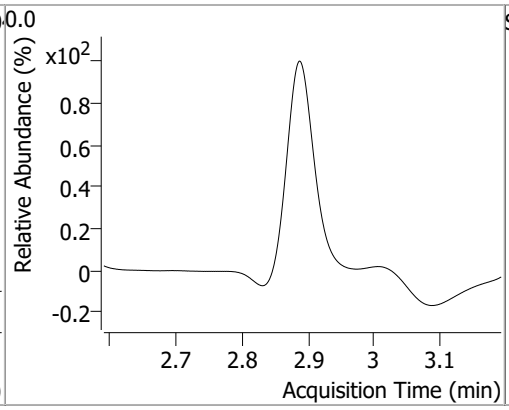
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

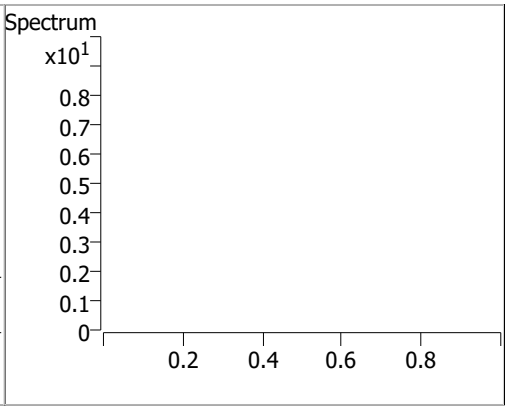




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0845	2.89	0.00	25420				

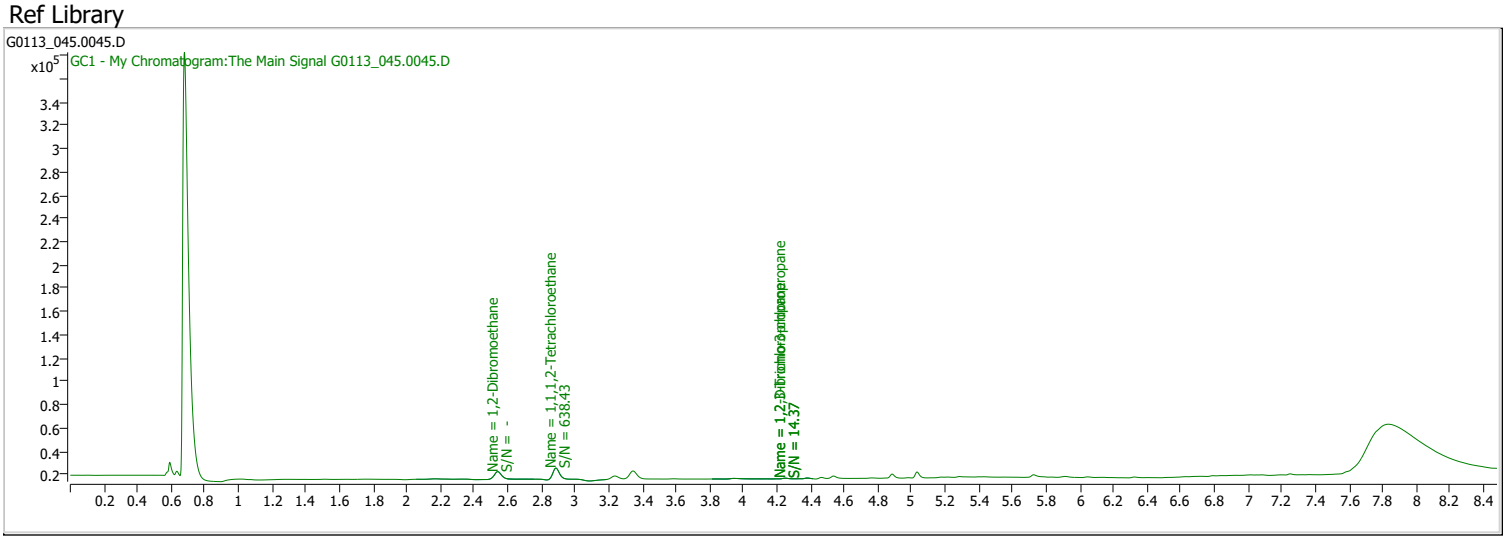






Quantitation Results Report (QT Reviewed)

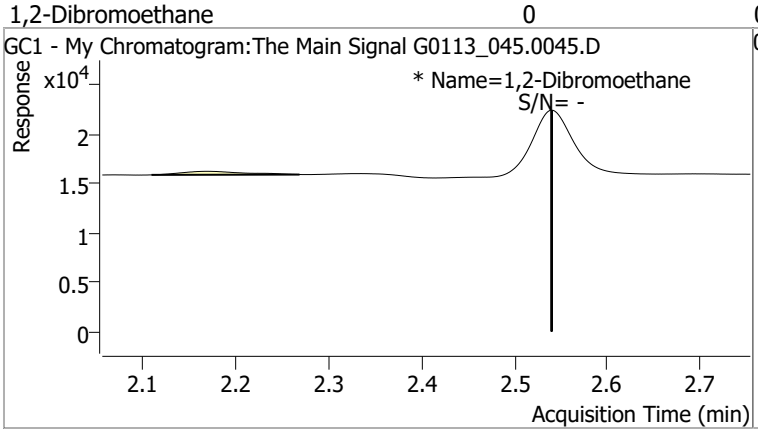
Data File	G0113_045.0045.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/14/2022 1:25:14 AM
Sample Name	B22010637-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

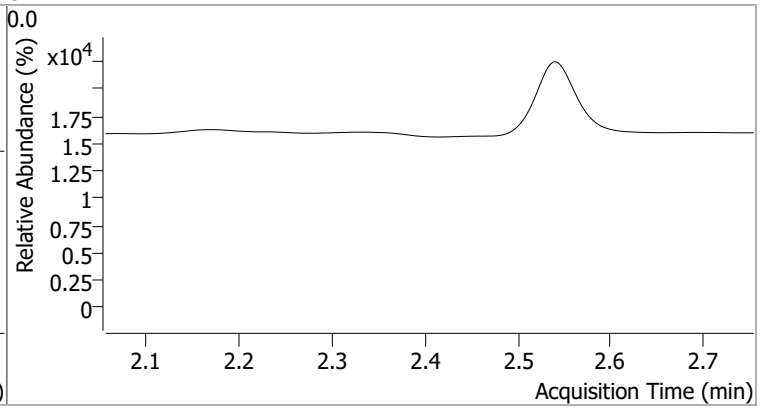


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.886	0.0	25942	0.0860	µg/L	m	-0.006
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 86.00%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.540	0.0	0		µg/L	md	1

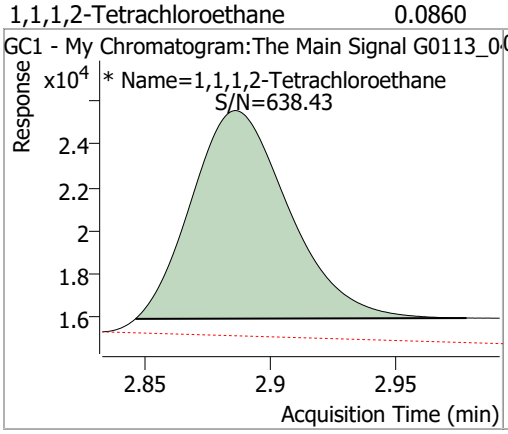
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

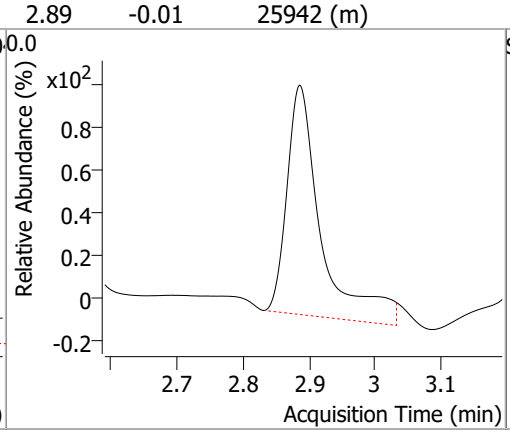
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

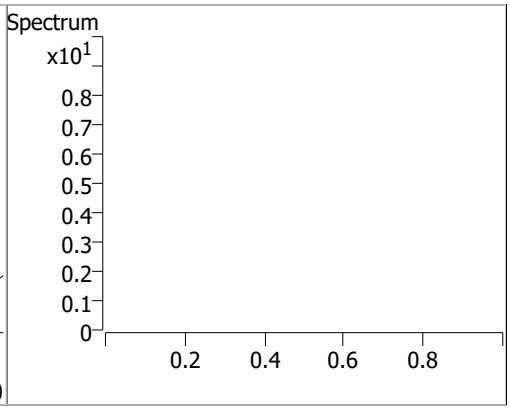




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0860	2.89	-0.01	25942 (m)				

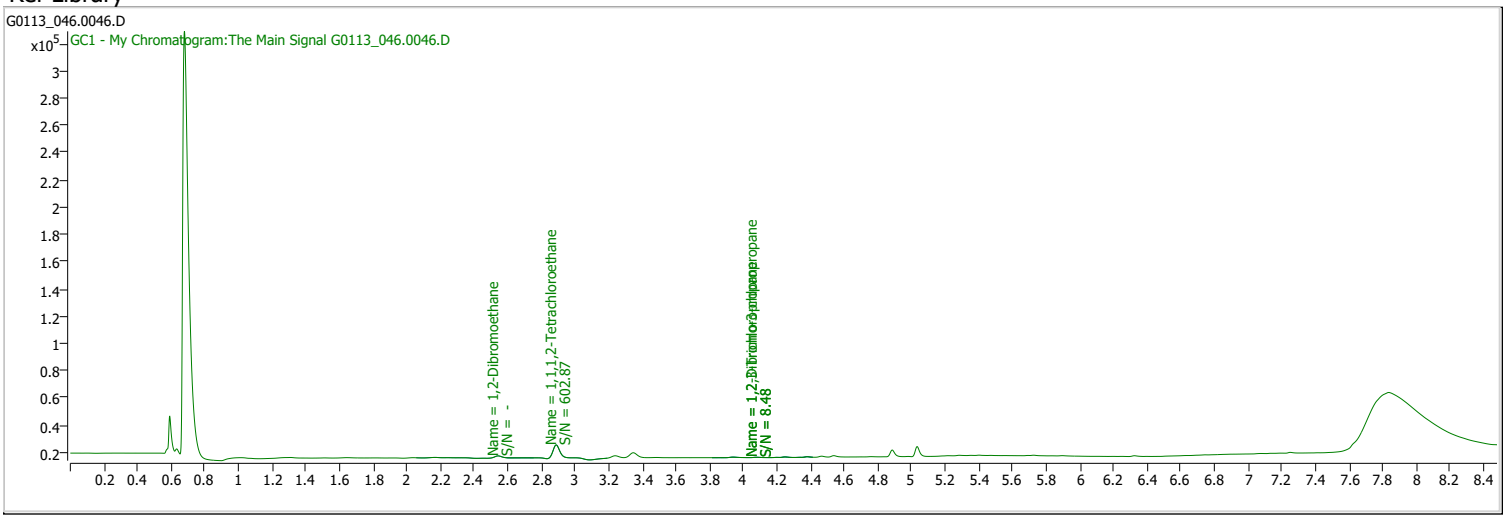






Quantitation Results Report (QT Reviewed)

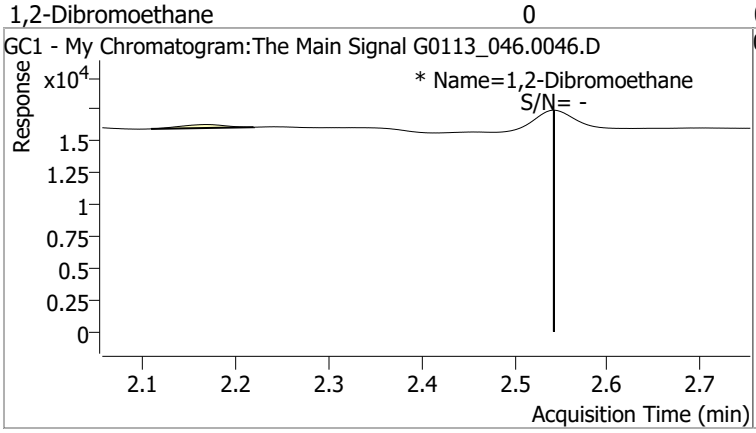
Data File	G0113_046.0046.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/14/2022 1:45:15 AM
Sample Name	B22010637-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

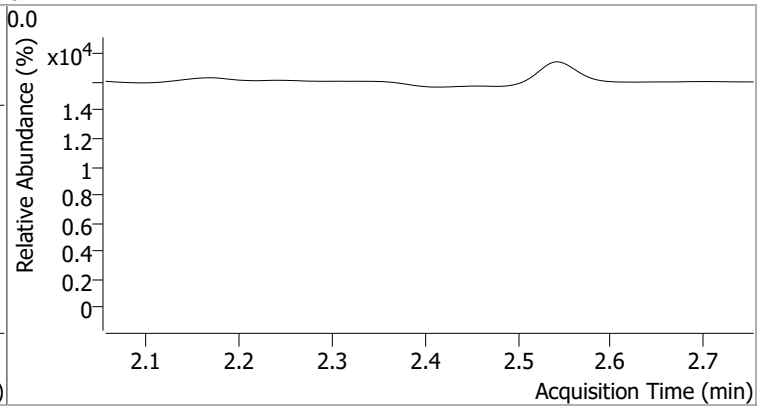


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.888	0.0	25691	0.0853	µg/L	m	-0.004
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 85.28%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.543	0.0	0		µg/L	md	1

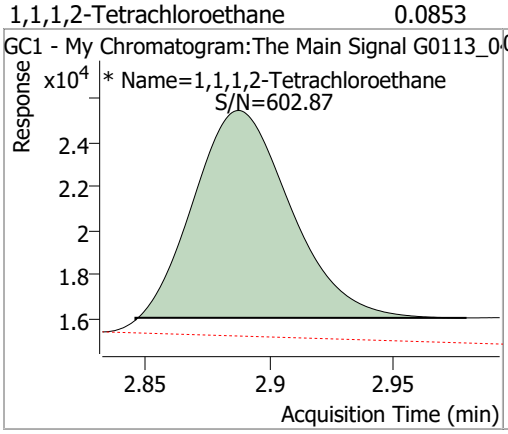
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

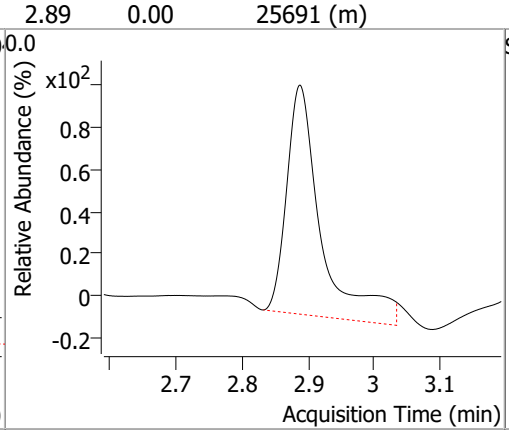
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

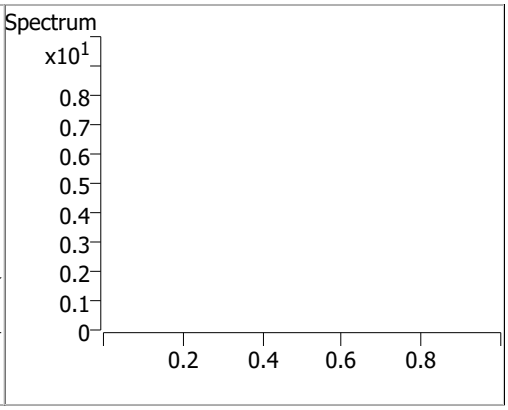




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0853	2.89	0.00	25691 (m)				

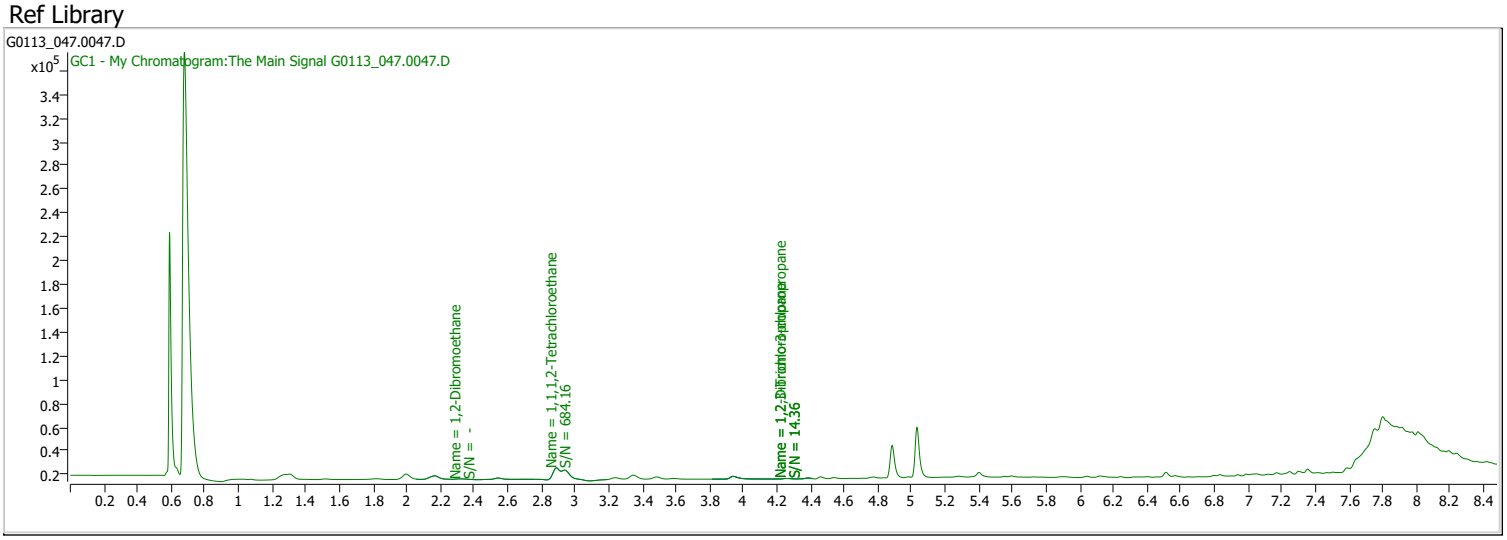






Quantitation Results Report (QT Reviewed)

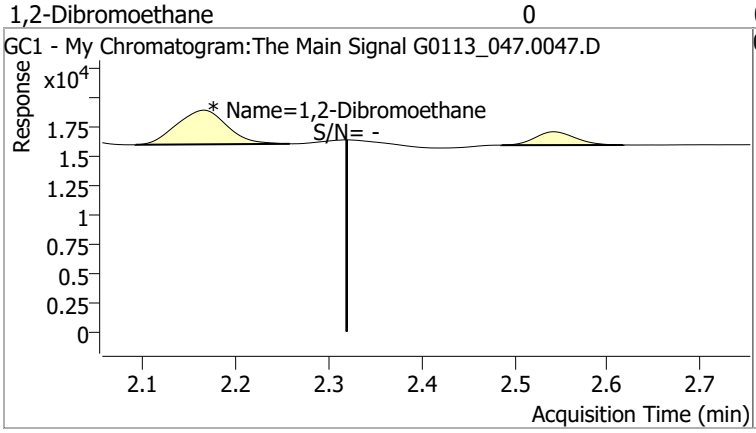
Data File	G0113_047.0047.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/14/2022 2:05:21 AM
Sample Name	B22010641-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

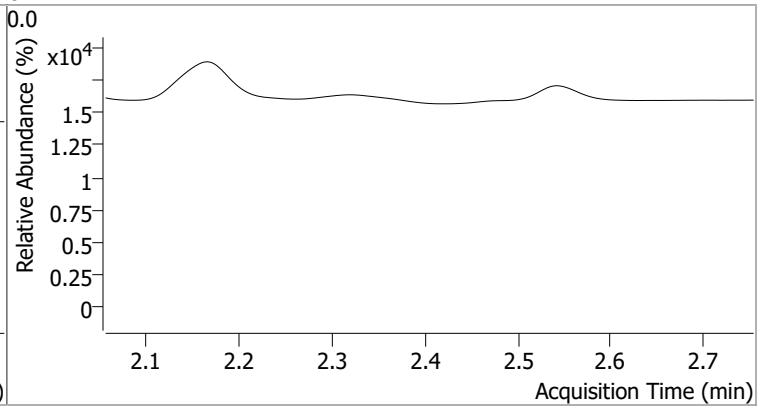


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.889	0.0	29897	0.0972	µg/L		-0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 97.25%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.319	0.0	0		µg/L	md	1

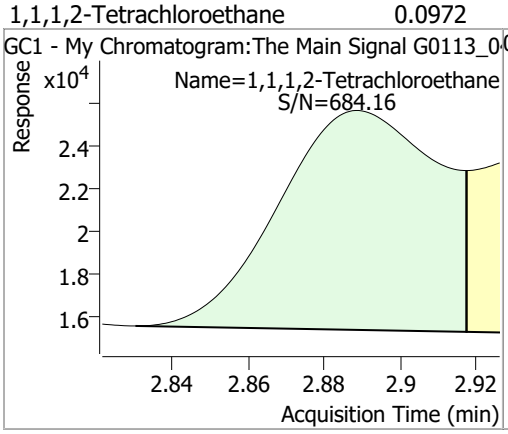
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

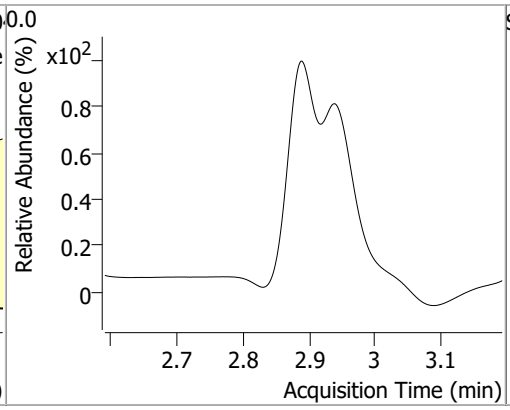
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

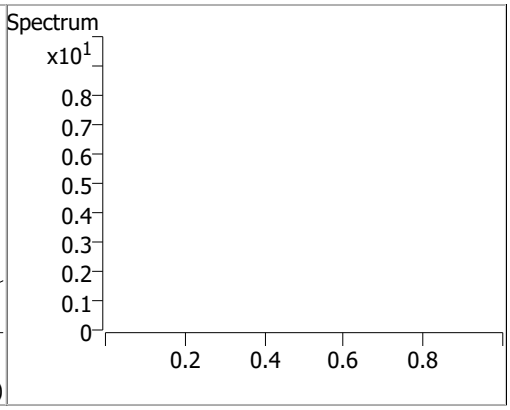




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0972	2.89	0.00	29897				



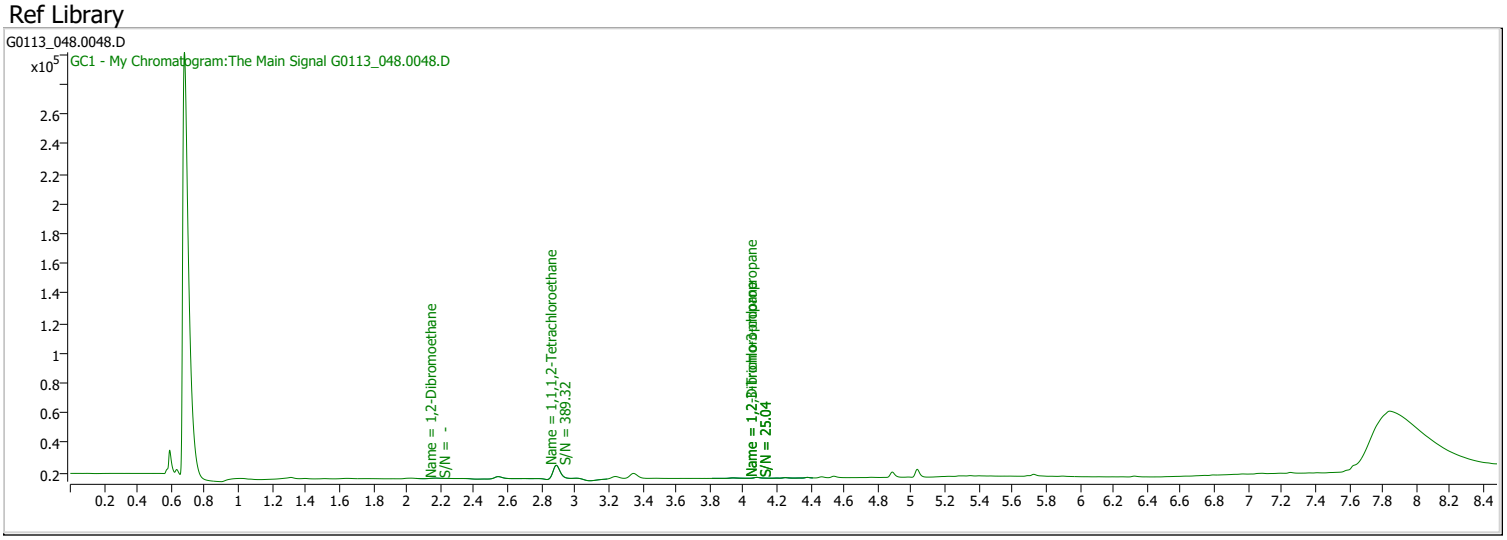




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

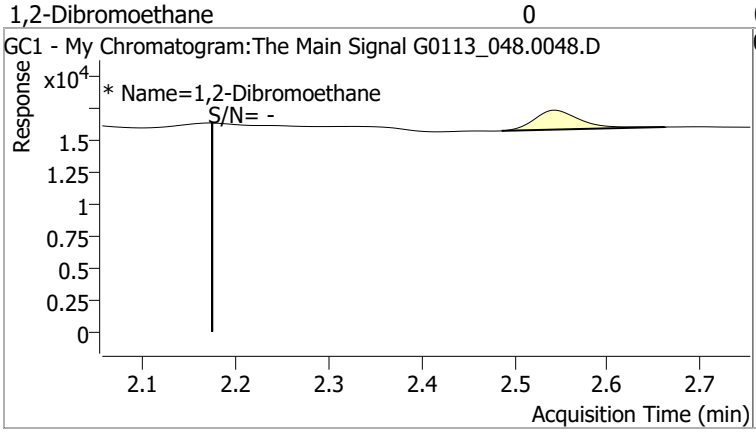
Data File	G0113_048.0048.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/14/2022 2:25:16 AM
Sample Name	B22010641-004A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

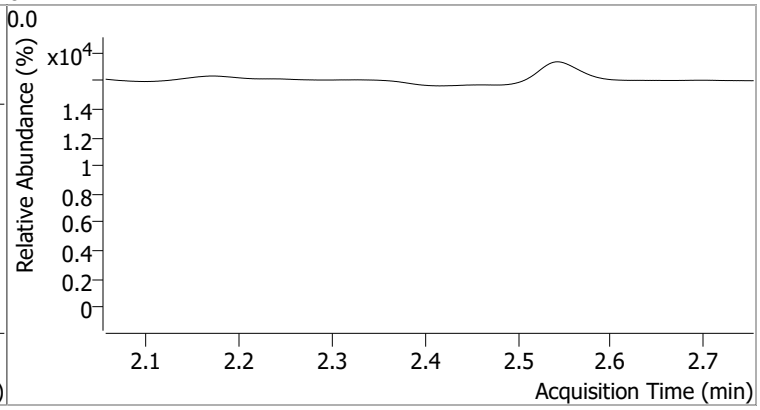


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.888	0.0	25182	0.0838	µg/L		-0.003
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 83.83%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.174	0.0	0		µg/L	md	1

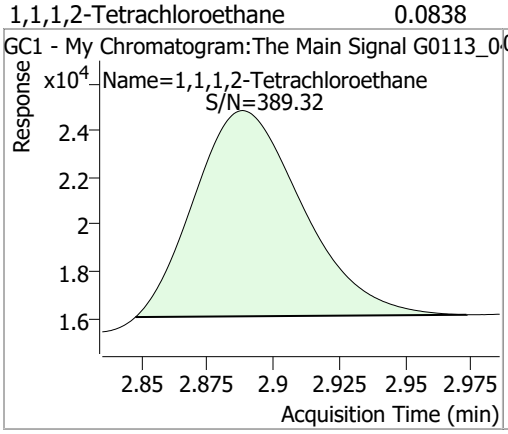
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

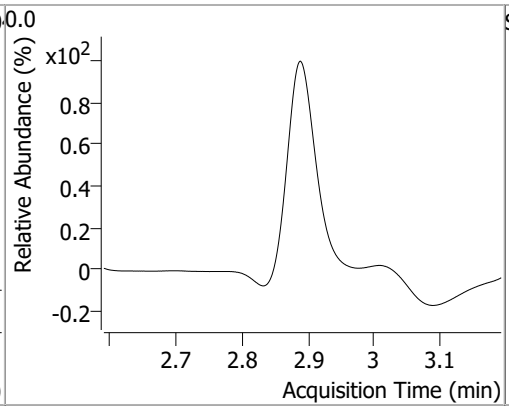
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

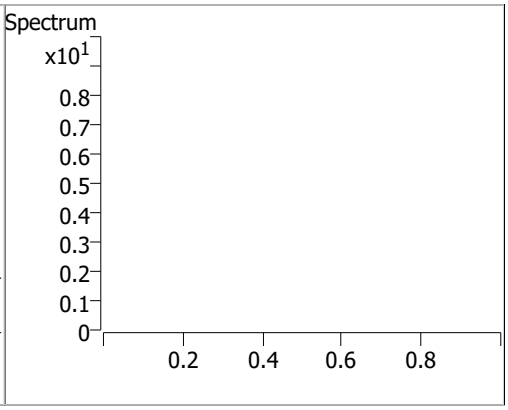




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0838	2.89	0.00	25182				

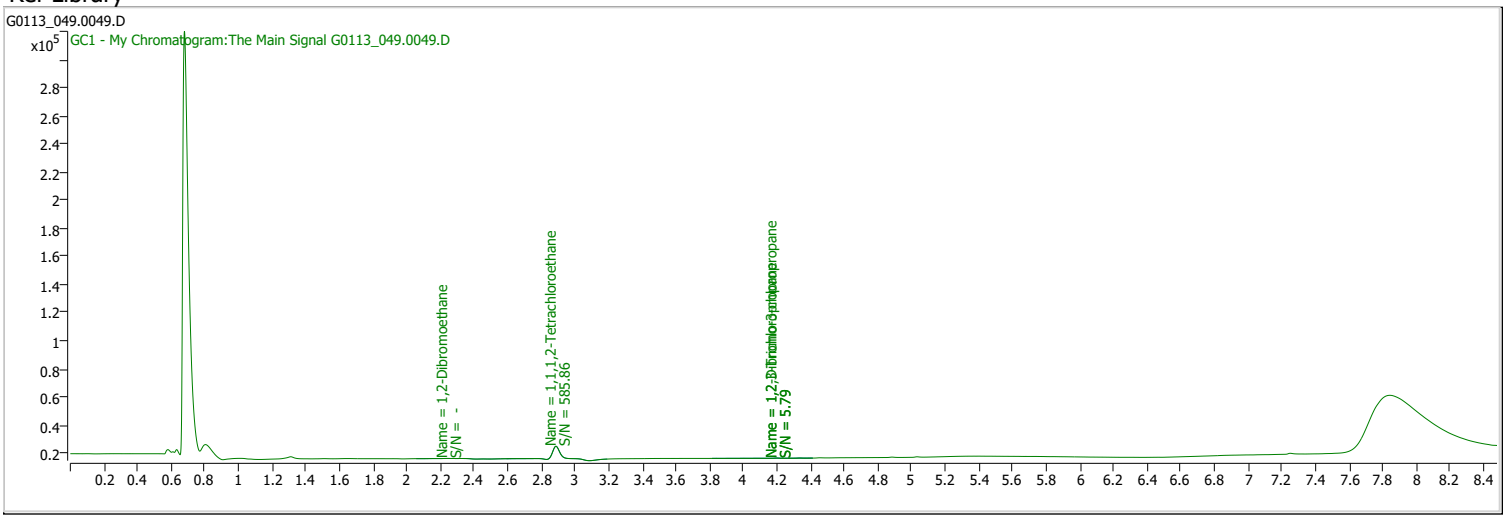






Quantitation Results Report (QT Reviewed)

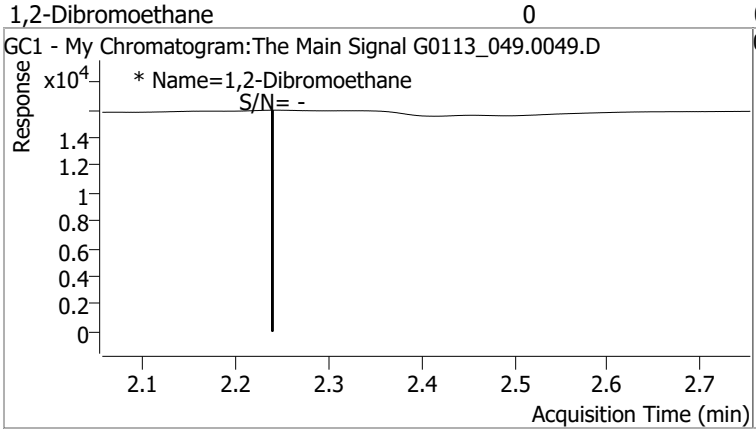
Data File	G0113_049.0049.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/14/2022 2:45:19 AM
Sample Name	B22010745-001A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

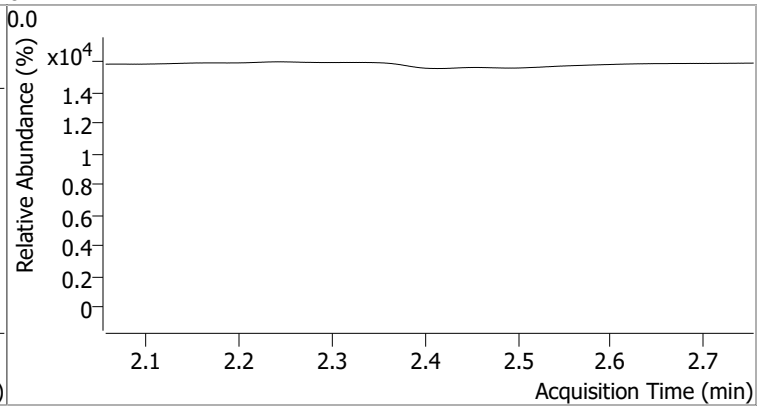


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.886	0.0	25003	0.0833	µg/L	m	-0.006
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 83.32%			
Target Compounds							**QValue**
M 1,2-Dibromoethane	2.239	0.0	0		µg/L	md	1

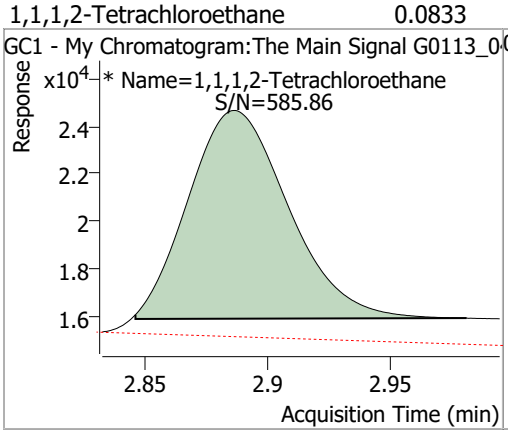
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

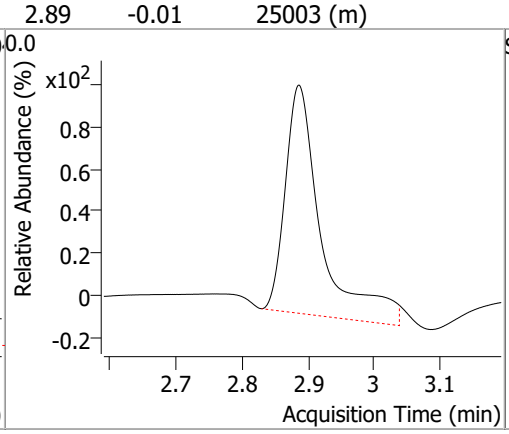
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

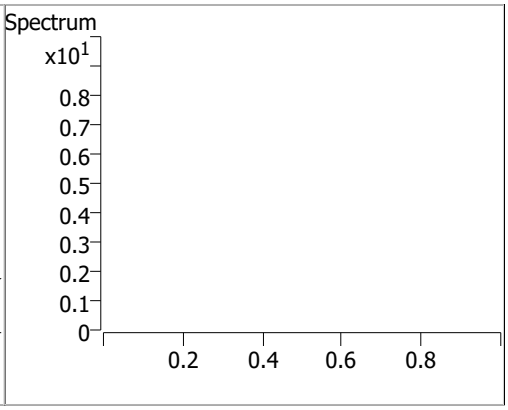




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0833	2.89	-0.01	25003 (m)				

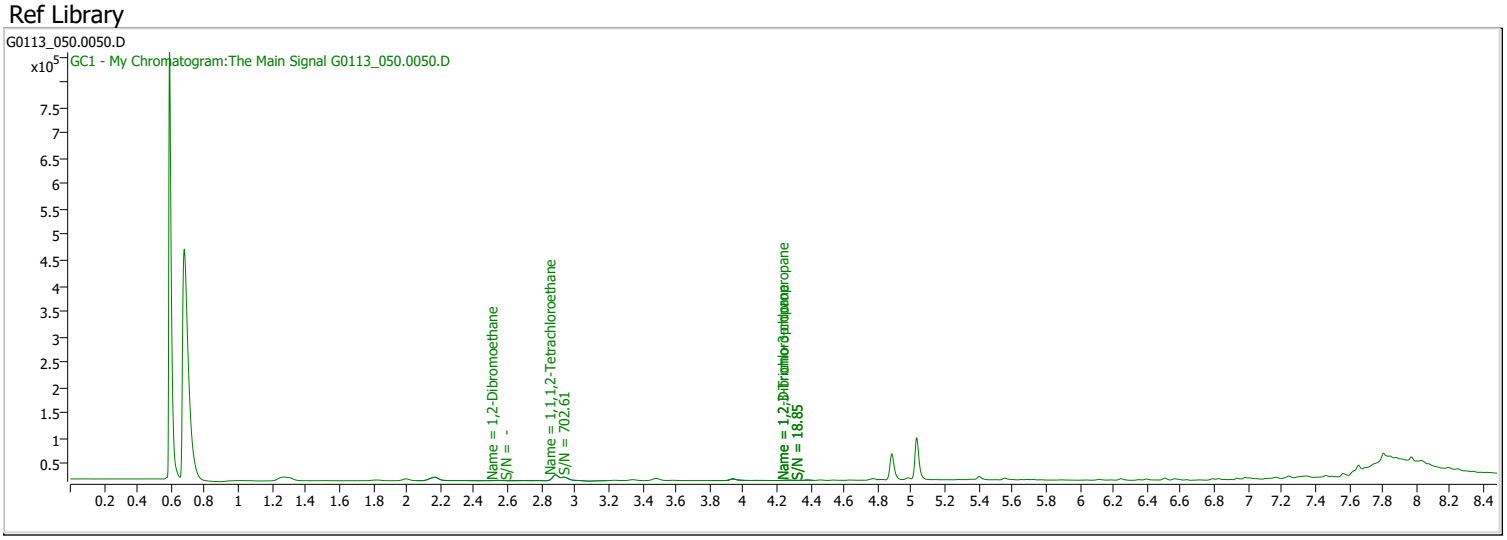






Quantitation Results Report (QT Reviewed)

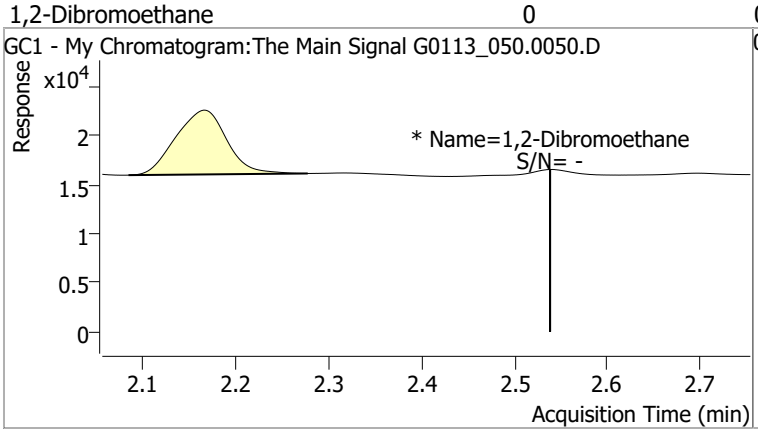
Data File	G0113_050.0050.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/14/2022 3:05:13 AM
Sample Name	B22010643-001H	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

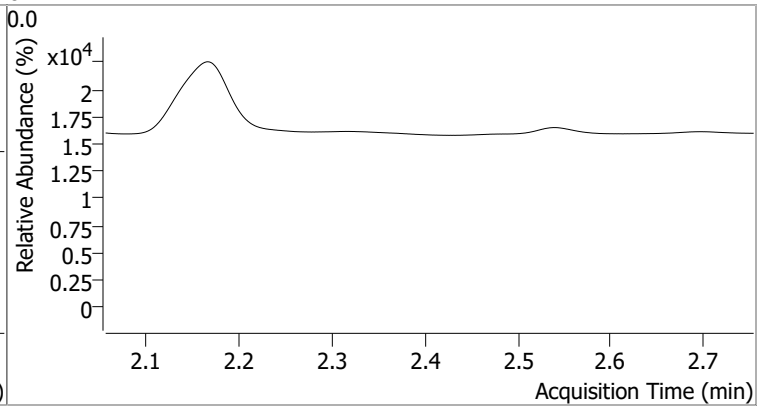


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.884	0.0	31970	0.1031	µg/L		-0.008
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 103.12%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.538	0.0	0		µg/L	md	1

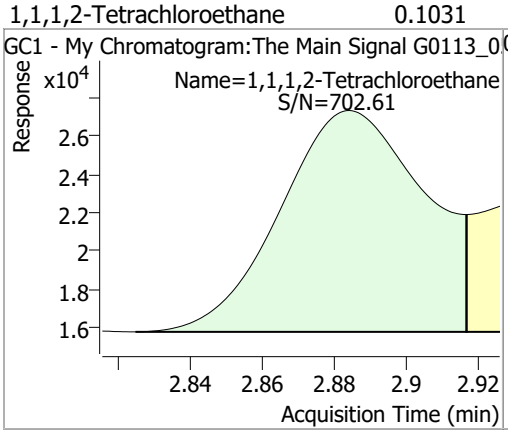
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

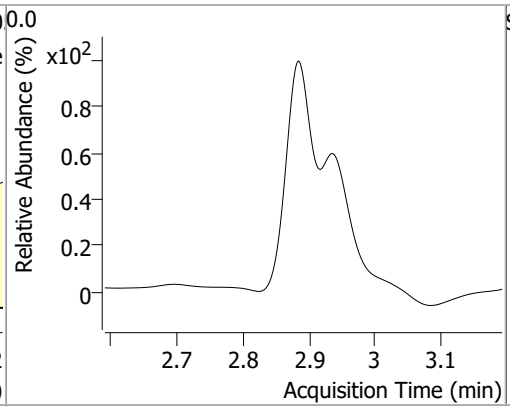
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

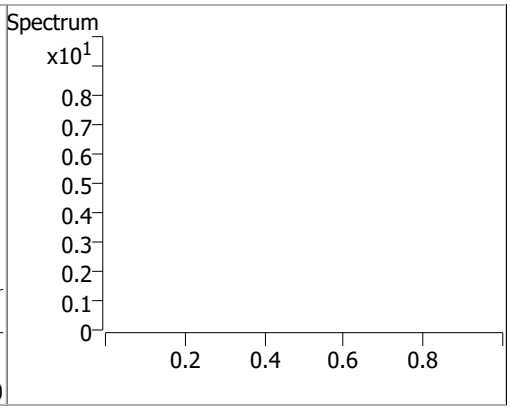




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.1031	2.88	-0.01	31970				

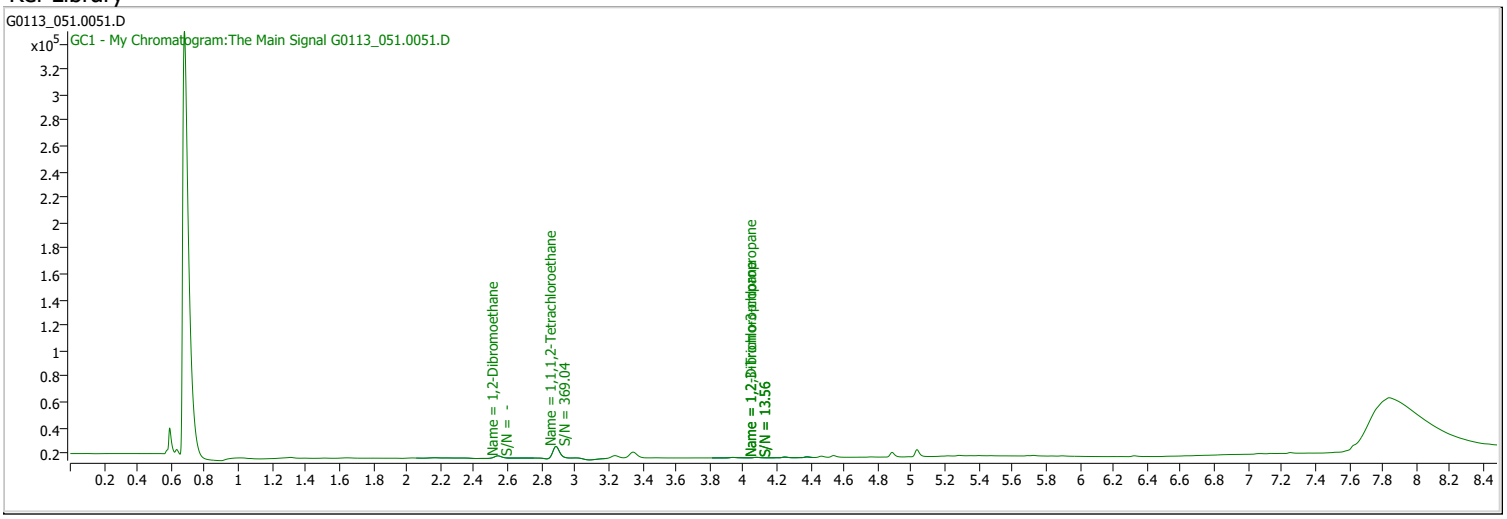






Quantitation Results Report (QT Reviewed)

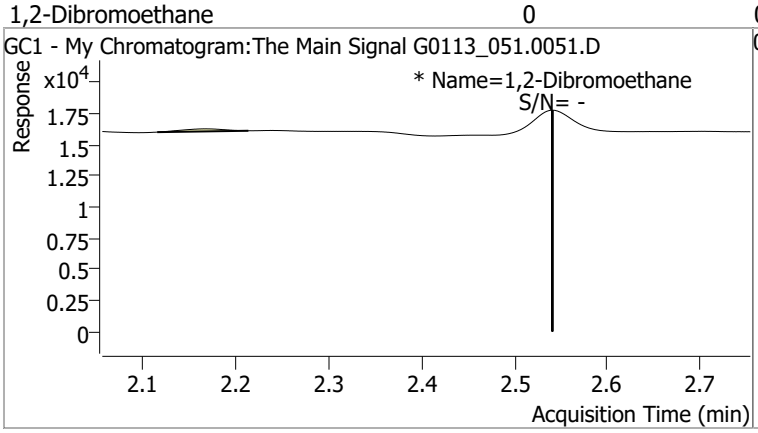
Data File	G0113_051.0051.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/14/2022 3:25:31 AM
Sample Name	B22010643-005A	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

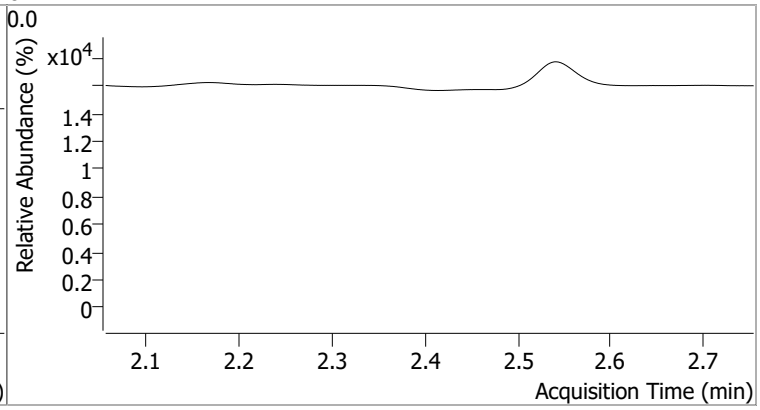


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.886	0.0	25425	0.0845	µg/L	m	-0.006
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 84.52%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.541	0.0	0		µg/L	md	1

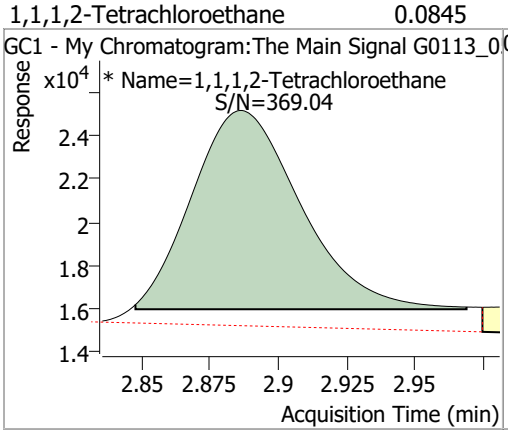
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

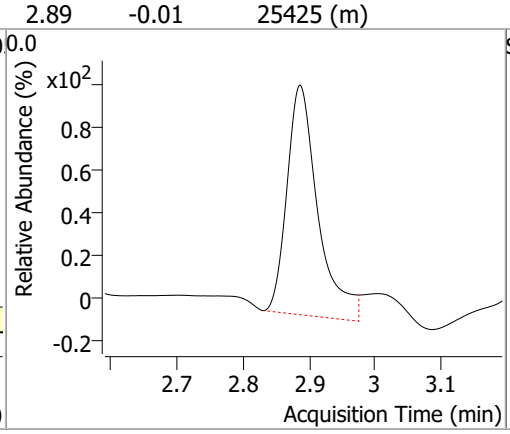
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				

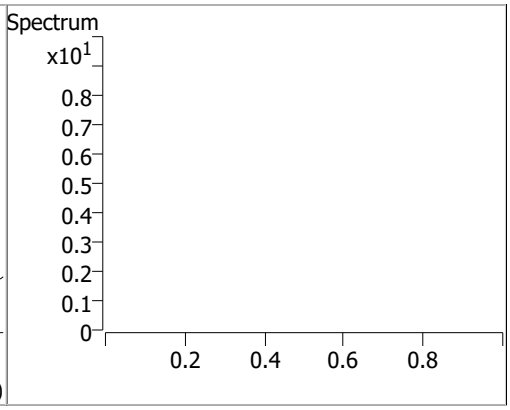




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0845	2.89	-0.01	25425 (m)				

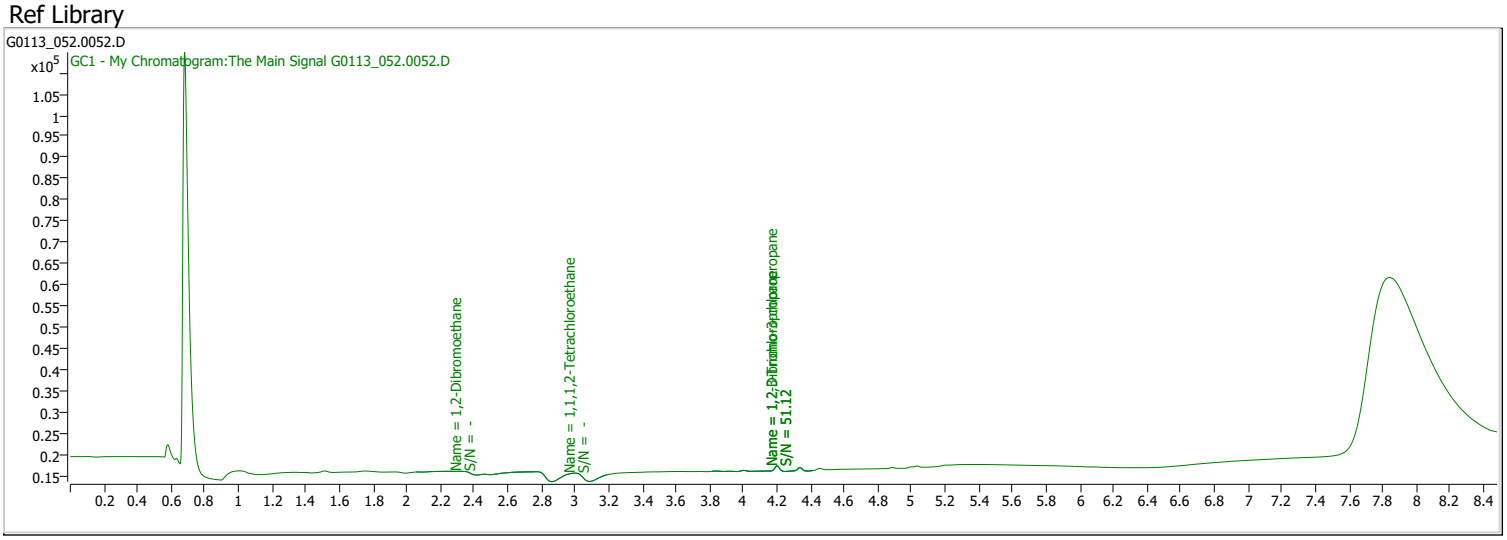






Quantitation Results Report (QT Reviewed)

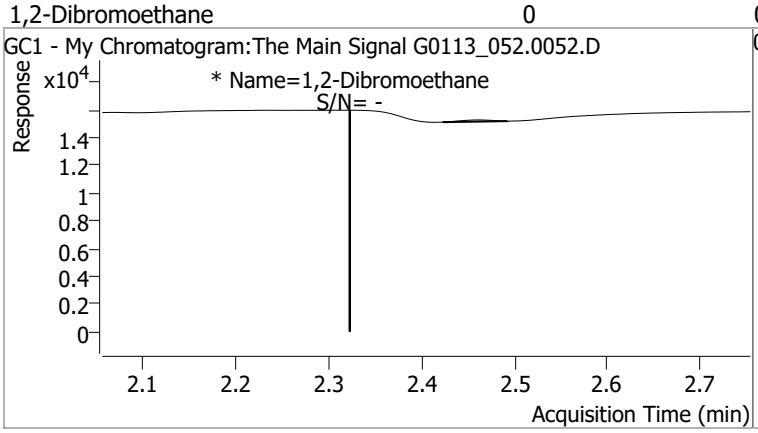
Data File	G0113_052.0052.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/14/2022 3:45:19 AM
Sample Name	Hexan	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			

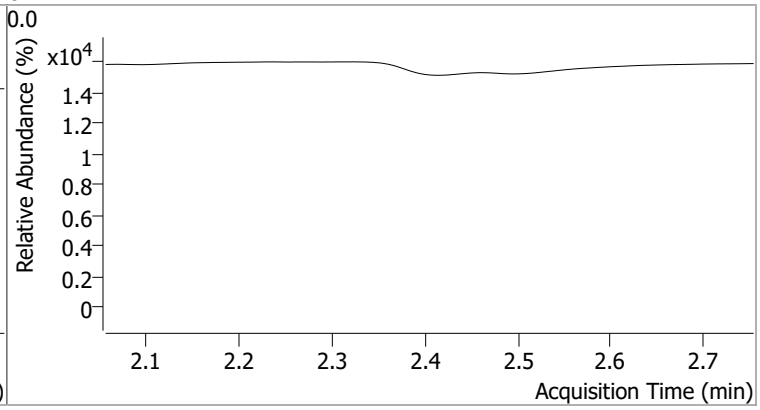


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.998	0.0	0		µg/L	md	0.107
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = NA%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.323	0.0	0		µg/L	md	1

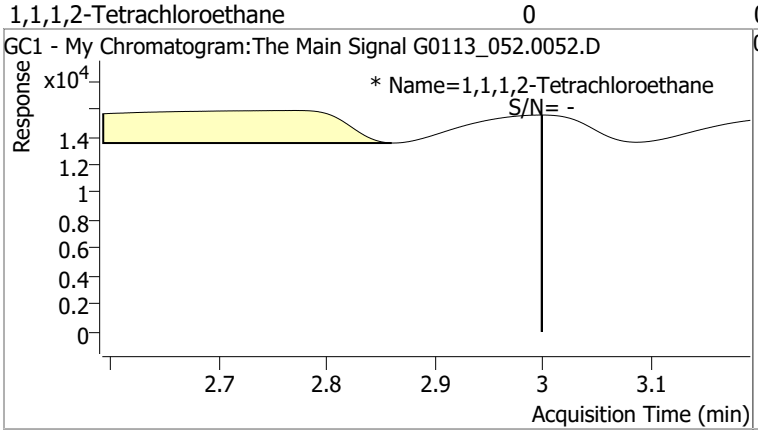
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

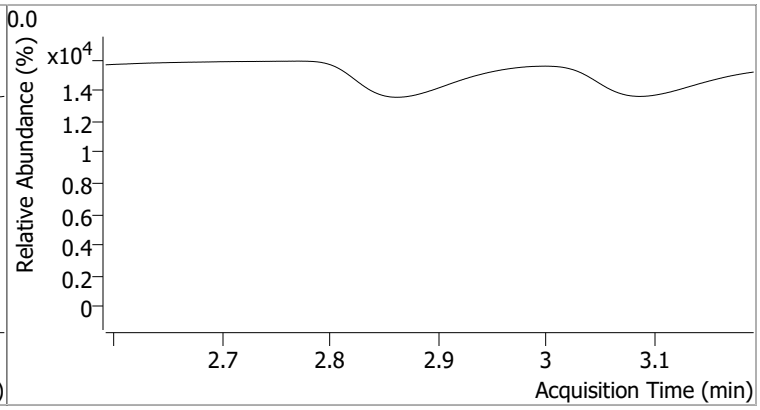
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane		0		0				





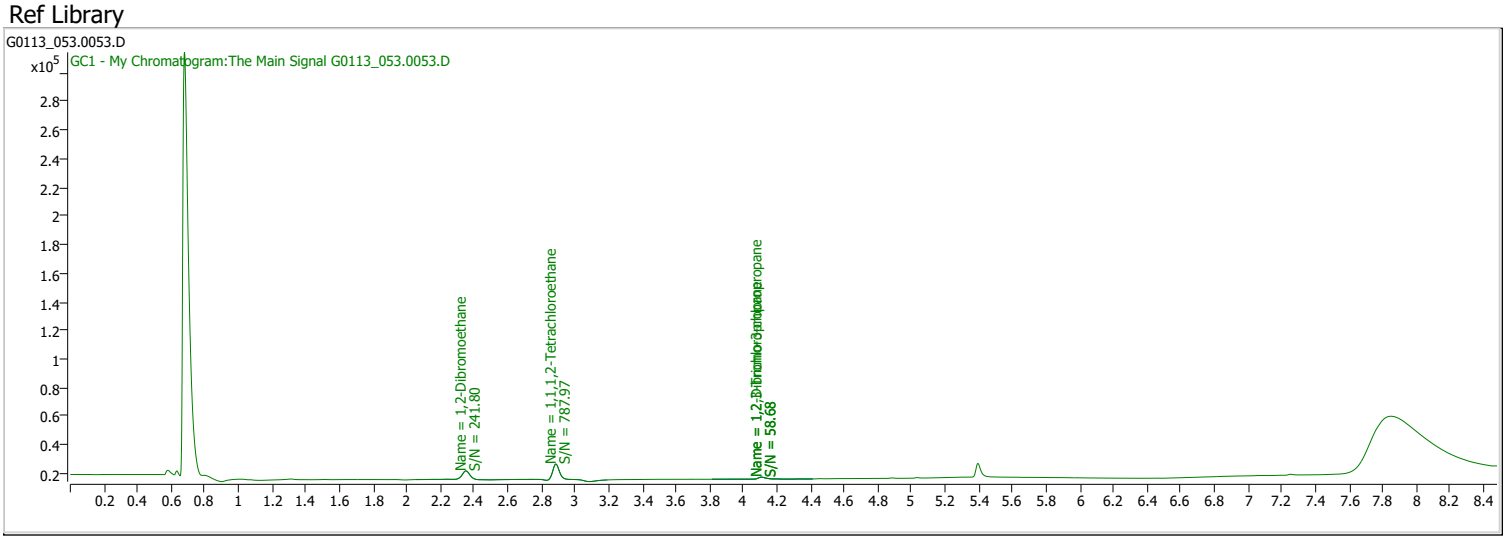
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane		0		0				





Quantitation Results Report (QT Reviewed)

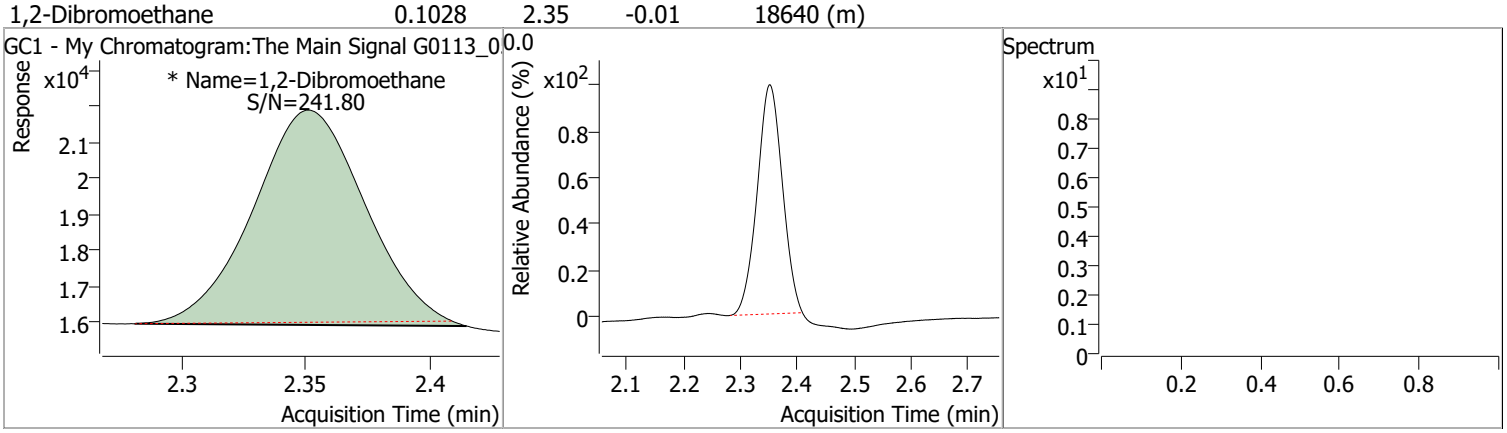
Data File	G0113_053.0053.D	Operator	
Acq. Method	testAcqFileNamePath	Acq. Date-Time	1/14/2022 4:05:17 AM
Sample Name	CK3-162903	Instrument	WJB
Vial		Multiplier	1.00
DA Method File	G011322_8011_W_CLT.m	Comment	
Tune File		Tune Date	
Batch Name	G011322_8011_W_CLT.batch.bin	Last Calib Update	1/14/2022 1:27:49 PM
Ref Library			



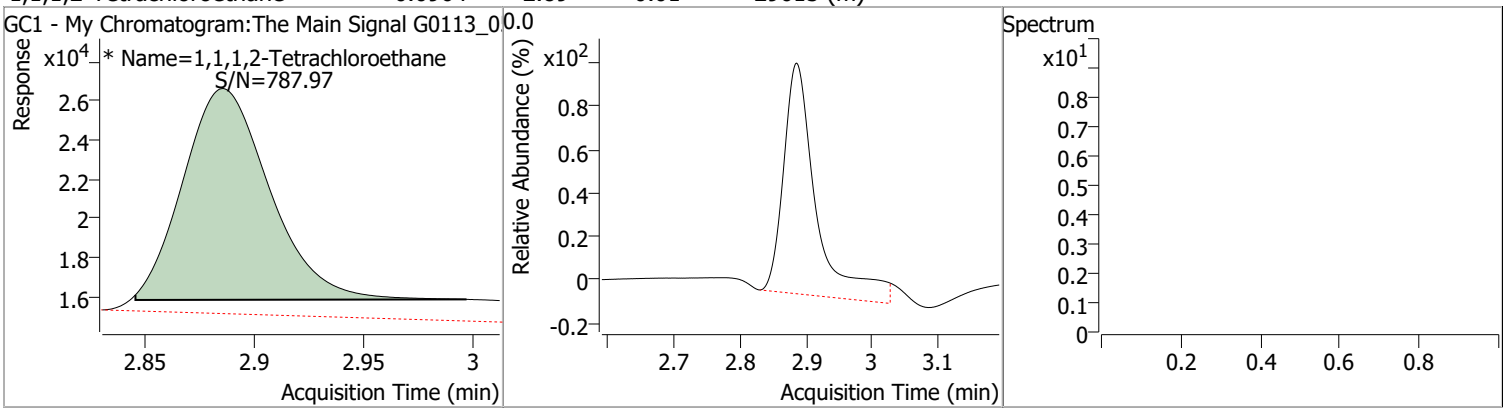
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
System Monitoring Compounds							
S 1,1,1,2-Tetrachloroethane	2.886	0.0	29615	0.0964	µg/L	m	-0.006
Spiked Amount: 0.100	Range: 70.0 - 130.0%			Recovery = 96.45%			
Target Compounds							QValue
M 1,2-Dibromoethane	2.350	0.0	18640	0.1028	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	0.1028	2.35	-0.01	18640 (m)				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	0.0964	2.89	-0.01	29615 (m)				



Audit Trail report

Batch name and path: \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\ctran	1/14/2022 7:54:32 AM	Create new batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G011322_8011_W_CLT.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\ctran	1/14/2022 7:59:37 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_053.0053.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_052.0052.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_051.0051.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_050.0050.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_049.0049.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_048.0048.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_047.0047.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_046.0046.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_045.0045.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_044.0044.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_043.0043.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_042.0042.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_041.0041.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_040.0040.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_039.0039.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_038.0038.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_037.0037.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_036.0036.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_035.0035.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_034.0034.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_033.0033.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_032.0032.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_031.0031.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_030.0030.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_029.0029.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_028.0028.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_027.0027.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_026.0026.D, \\MASSHUNTER\Org\Data\GECD.I\G01 1322\aiaexport\G0113_025.0025.D,			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			\\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_024.0024.D, \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_023.0023.D, \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_022.0022.D, \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_021.0021.D, \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_020.0020.D, \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_019.0019.D, \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_018.0018.D, \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_017.0017.D, \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_016.0016.D, \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_015.0015.D, \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_014.0014.D, \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_013.0013.D				
CmdStartMethodEditing	BL2000\ctran	1/14/2022 8:00:00 AM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\ctran	1/14/2022 8:00:00 AM	Import method from file \\MASSHUNTER\Org\Data\GECD.I\GECD_methods\G011222_8011_W_CLT.m			✓	
CmdApplyMethodToAllSamples	BL2000\ctran	1/14/2022 8:00:34 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\ctran	1/14/2022 8:00:34 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\ctran	1/14/2022 8:00:35 AM	End method editing			✓	
CmdQuantitate	BL2000\ctran	1/14/2022 8:00:38 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:00:52 AM	Set SampleType = Calibration for sample G0113_014.0014.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:00:55 AM	Set SampleType = Calibration for sample G0113_015.0015.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:00:57 AM	Set SampleType = Calibration for sample G0113_016.0016.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:00:59 AM	Set SampleType = Calibration for sample G0113_017.0017.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:02 AM	Set SampleType = Calibration for sample G0113_018.0018.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:04 AM	Set SampleType = Calibration for sample G0113_019.0019.D; previous value = Sample			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:07 AM	Set SampleType = Calibration for sample G0113_020.0020.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:09 AM	Set LevelName = 1 for sample G0113_014.0014.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:12 AM	Set LevelName = 7 for sample G0113_015.0015.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:14 AM	Set LevelName = 2 for sample G0113_016.0016.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:17 AM	Set LevelName = 3 for sample G0113_017.0017.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:22 AM	Set LevelName = 4 for sample G0113_018.0018.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:25 AM	Set LevelName = 5 for sample G0113_019.0019.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:28 AM	Set LevelName = 6 for sample G0113_020.0020.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:44 AM	Set SampleType = DoubleBlank for sample G0113_021.0021.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:46 AM	Set SampleType = DoubleBlank for sample G0113_013.0013.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:50 AM	Set SampleType = QC for sample G0113_022.0022.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:53 AM	Set LevelName = LCS for sample G0113_022.0022.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:55 AM	Set SampleType = CC for sample G0113_023.0023.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:01:58 AM	Set LevelName = 3 for sample G0113_023.0023.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:02:00 AM	Set SampleType = Blank for sample G0113_024.0024.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:02:02 AM	Set SampleType = QC for sample G0113_025.0025.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:02:04 AM	Set LevelName = LCS for sample G0113_025.0025.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:02:06 AM	Set SampleType = QC for sample G0113_026.0026.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:02:09 AM	Set LevelName = LCS1 for sample G0113_026.0026.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:02:11 AM	Set SampleType = DoubleBlank for sample G0113_027.0027.D; previous value = Sample			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:02:22 AM	Set SampleType = MatrixBlank for sample G0113_037.0037.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:02:24 AM	Set SampleType = Matrix for sample G0113_038.0038.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:02:26 AM	Set SampleType = MatrixDup for sample G0113_039.0039.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:02:28 AM	Set SampleType = DoubleBlank for sample G0113_040.0040.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:02:31 AM	Set SampleType = CC for sample G0113_041.0041.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:02:33 AM	Set SampleType = DoubleBlank for sample G0113_042.0042.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:02:59 AM	Set MatrixSpikeGroup = G05071 for sample G0113_037.0037.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:03:00 AM	Set MatrixSpikeGroup = G05071 for sample G0113_038.0038.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:03:01 AM	Set MatrixSpikeGroup = G05071 for sample G0113_039.0039.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:03:09 AM	Set SampleType = DoubleBlank for sample G0113_052.0052.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:03:13 AM	Set SampleType = CC for sample G0113_053.0053.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:03:15 AM	Set LevelName = 5 for sample G0113_053.0053.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	1/14/2022 8:03:18 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:03:41 AM	Set LevelName = 3 for sample G0113_053.0053.D; previous value = 5			✓	
CmdQuantitate	BL2000\ctran	1/14/2022 8:05:40 AM	Quantitate all compounds in all samples			✓	
CmdRemoveSamples	BL2000\ctran	1/14/2022 8:13:58 AM	Remove 1 sample(s): Remove CC sample CK5-162903, data file G0113_053.0053.D ;			✓	
CmdImportSamplesFromWorklist	BL2000\ctran	1/14/2022 8:14:09 AM	Add samples from worklist: \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G0113_053.0053.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:14:14 AM	Set SampleType = CC for sample G0113_053.0053.D; previous value = Sample			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:14:16 AM	Set LevelName = 3 for sample G0113_053.0053.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	1/14/2022 8:14:19 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	1/14/2022 8:14:21 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:15:01 AM	Manually integrate compound 1,2-Dibromoethane in sample G0113_014.0014.D, from x, y = 2.209, 16036 to 2.393, 16028, result = 2127; previous integration is from x, y = 2.298, 16075 to 2.389, 16077 and previous response = 1617.			✓	
CmdManuallyIntegrateSplit	BL2000\ctran	1/14/2022 8:15:07 AM	Split peak for compound 1,2-Dibromoethane in sample G0113_014.0014.D and keep right peak, new integration is from x, y = 2.286, 16032.9695996172 to 2.393, 16028.1148034324 and new response = 1898, previous integration is from x, y = 2.209, 16036 to 2.393, 16028 and previous response = 2127.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/14/2022 8:15:09 AM	Snap baseline for compound 1,2-Dibromoethane in sample G0113_014.0014.D, from x = 2.286 to x = 2.393, new integration is from x, y = 2.286, 16073 to 2.393, 16005 and new response = 1844; previous integration is from x, y = 2.286, 16033 to 2.393, 16028 and previous response = 1898.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 8:15:12 AM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0113_014.0014.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:15:16 AM	Manually integrate compound 1,2-Dibromoethane in sample G0113_015.0015.D, from x, y = 2.298, 16137 to 2.401, 16036, result = 3738; previous integration is from x, y = 2.298, 16137 to 2.421, 15819 and previous response = 4319.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 8:15:18 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G0113_015.0015.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:15:22 AM	Manually integrate compound 1,2-Dibromoethane in sample G0113_016.0016.D, from x, y = 2.290, 16127 to 2.410, 16045, result = 9617; previous integration is from x, y = 2.290, 16127 to 2.407, 16161 and previous response = 9203.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdClearManualIntegration	BL2000\ctran	1/14/2022 8:15:24 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0113_016.0016.D			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/14/2022 8:15:25 AM	Drop baseline for compound 1,2-Dibromoethane in sample G0113_016.0016.D to y = 16127, new integration is from x, y = 2.290, 16127 to 2.407, 16127 and new response = 9320; previous integration is from x, y = 2.290, 16127 to 2.407, 16161 and previous response = 9203.			✓	
CmdClearManualIntegration	BL2000\ctran	1/14/2022 8:15:27 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0113_016.0016.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:15:35 AM	Manually integrate compound 1,2-Dibromoethane in sample G0113_016.0016.D, from x, y = 2.282, 16130 to 2.408, 16103, result = 9402; previous integration is from x, y = 2.290, 16127 to 2.407, 16161 and previous response = 9203.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 8:15:38 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G0113_016.0016.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 8:15:39 AM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0113_016.0016.D; previous value = GT			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:15:43 AM	Manually integrate compound 1,2-Dibromoethane in sample G0113_017.0017.D, from x, y = 2.287, 16126 to 2.417, 16061, result = 18578; previous integration is from x, y = 2.287, 16126 to 2.412, 16213 and previous response = 17990.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:15:47 AM	Manually integrate compound 1,2-Dibromoethane in sample G0113_017.0017.D, from x, y = 2.287, 16126 to 2.418, 16078, result = 18511; previous integration is from x, y = 2.287, 16126 to 2.417, 16061 and previous response = 18578.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/14/2022 8:15:51 AM	Snap baseline for compound 1,2-Dibromoethane in sample G0113_018.0018.D, from x = 2.285 to x = 2.451, new integration is from x, y = 2.285, 16130 to 2.451, 15901 and new response = 36398; previous integration is from x, y = 2.285, 15999 to 2.451, 15904 and previous response = 37035.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 8:15:54 AM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G0113_018.0018.D; previous value =			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/14/2022 8:15:56 AM	Snap baseline for compound 1,2-Dibromoethane in sample G0113_019.0019.D, from x = 2.283 to x = 2.452, new integration is from x, y = 2.283, 16198 to 2.452, 16115 and new response = 69362; previous integration is from x, y = 2.283, 16124 to 2.452, 16114 and previous response = 69740.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:16:13 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_014.0014.D, from x, y = 2.887, 15724 to 2.934, 15709, result = 368; previous integration is from x, y = 2.865, 14891 to 2.934, 15709 and previous response = 1537.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 8:16:14 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_014.0014.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:16:20 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_015.0015.D, from x, y = 2.876, 15981 to 2.953, 15875, result = 2420; previous integration is from x, y = 2.857, 15062 to 2.953, 15875 and previous response = 4545.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 8:16:21 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_015.0015.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:16:25 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_016.0016.D, from x, y = 2.863, 16015 to 2.981, 15984, result = 12294; previous integration is from x, y = 2.845, 15286 to 3.086, 14645 and previous response = 24227.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:16:31 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_017.0017.D, from x, y = 2.850, 16063 to 2.998, 16016, result = 29683; previous integration is from x, y = 2.836, 15484 to 3.033, 14824 and previous response = 39597.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 8:16:32 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_017.0017.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateRetentionTimes	BL2000\ctran	1/14/2022 8:16:39 AM	Update retention time for compound 1,2,3-Trichloropropane; 1,2-Dibromo-3-chloropropane; 1,2-Dibromoethane; 1,1,1,2-Tetrachloroethane;			✓	
CmdQuantitate	BL2000\ctran	1/14/2022 8:16:43 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:16:50 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_018.0018.D, from x, y = 2.845, 16255 to 2.992, 16146, result = 65698; previous integration is from x, y = 2.839, 15820 to 3.023, 14930 and previous response = 74467.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 8:16:51 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_018.0018.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:16:56 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_019.0019.D, from x, y = 2.836, 16380 to 2.998, 16339, result = 148732; previous integration is from x, y = 2.830, 15826 to 3.037, 14950 and previous response = 160208.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\ctran	1/14/2022 8:17:10 AM	Replace level 3 with CC sample G0113_053.0053.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level with CC sample G0113_041.0041.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level LCS1 with QC sample G0113_026.0026.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level LCS with QC sample G0113_025.0025.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 3 with CC sample G0113_023.0023.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level LCS with QC sample G0113_022.0022.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 6 with Calibration sample G0113_020.0020.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 5 with Calibration sample G0113_019.0019.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 4 with Calibration sample G0113_018.0018.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 3 with Calibration sample G0113_017.0017.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 2 with Calibration sample G0113_016.0016.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 7 with Calibration sample G0113_015.0015.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane,			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			1,1,1,2-Tetrachloroethane}; Replace level 1 with Calibration sample G0113_014.0014.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane};				
CmdQuantitate	BL2000\ctran	1/14/2022 8:17:14 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	1/14/2022 8:17:16 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:17:22 AM	Set SampleApproved = True for sample G0113_014.0014.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:17:23 AM	Set SampleApproved = True for sample G0113_015.0015.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:17:23 AM	Set SampleApproved = True for sample G0113_016.0016.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:17:24 AM	Set SampleApproved = True for sample G0113_017.0017.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:17:24 AM	Set SampleApproved = True for sample G0113_018.0018.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:17:25 AM	Set SampleApproved = True for sample G0113_019.0019.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:17:26 AM	Set SampleApproved = True for sample G0113_020.0020.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 8:17:33 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_021.0021.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 8:17:34 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0113_021.0021.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:17:35 AM	Set SampleApproved = True for sample G0113_021.0021.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:17:44 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_022.0022.D, from x, y = 2.852, 16057 to 2.988, 15964, result = 26109; previous integration is from x, y = 2.837, 15384 to 3.038, 14711 and previous response = 36911.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 8:17:45 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_022.0022.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/14/2022 8:17:49 AM	Drop baseline for compound 1,2-Dibromoethane in sample G0113_022.0022.D to y = 16074, new integration is from x, y = 2.284, 16074 to 2.425, 16074 and new response = 42880; previous integration is from x, y = 2.284, 16074 to 2.425, 16171 and previous response = 42467.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 8:17:52 AM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0113_022.0022.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:17:53 AM	Set SampleApproved = True for sample G0113_022.0022.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:18:01 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_023.0023.D, from x, y = 2.849, 15995 to 2.982, 15958, result = 28931; previous integration is from x, y = 2.835, 15344 to 3.036, 14649 and previous response = 39971.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 8:18:02 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_023.0023.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:18:11 AM	Manually integrate compound 1,2-Dibromoethane in sample G0113_023.0023.D, from x, y = 2.283, 16036 to 2.417, 15984, result = 18612; previous integration is from x, y = 2.283, 16036 to 2.415, 16036 and previous response = 18407.			✓	
CmdClearManualIntegration	BL2000\ctran	1/14/2022 8:18:13 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0113_023.0023.D			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/14/2022 8:18:14 AM	Drop baseline for compound 1,2-Dibromoethane in sample G0113_023.0023.D to y = 16036, new integration is from x, y = 2.283, 16036 to 2.415, 16036 and new response = 18407; previous integration is from x, y = 2.283, 16036 to 2.415, 16036 and previous response = 18407.			✓	
CmdClearManualIntegration	BL2000\ctran	1/14/2022 8:18:16 AM	Clear manual integration of target signal for compound 1,2-Dibromoethane in sample G0113_023.0023.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 8:18:20 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_024.0024.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:18:27 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_024.0024.D, from x, y = 2.852, 16099 to 2.986, 15984, result = 25377; previous integration is from x, y = 2.837, 15376 to 3.038, 14694 and previous response = 36638.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 8:18:28 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_024.0024.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:18:34 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_025.0025.D, from x, y = 2.851, 16135 to 2.989, 16078, result = 25253; previous integration is from x, y = 2.837, 15489 to 3.037, 14806 and previous response = 36049.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:18:45 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_026.0026.D, from x, y = 2.851, 16000 to 2.978, 16109, result = 25387; previous integration is from x, y = 2.837, 15484 to 3.048, 14777 and previous response = 36319.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 8:18:46 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_026.0026.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 8:18:49 AM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0113_027.0027.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 8:18:50 AM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_027.0027.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:19:13 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_039.0039.D, from x, y = 2.848, 16109 to 2.982, 16219, result = 27005; previous integration is from x, y = 2.841, 15603 to 3.034, 14763 and previous response = 37892.			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/14/2022 8:19:16 AM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0113_038.0038.D, from x = 2.833 to x = 3.038, new integration is from x, y = 2.833, 15552 to 3.038, 15865 and new response = 32863; previous integration is from x, y = 2.833, 15554 to 3.038, 14821 and previous response = 39285.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:19:20 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_038.0038.D, from x, y = 2.848, 16208 to 2.977, 16385, result = 26201; previous integration is from x, y = 2.833, 15552 to 3.038, 15865 and previous response = 32863.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/14/2022 8:19:21 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0113_038.0038.D to y = 16208, new integration is from x, y = 2.848, 16208 to 2.977, 16208 and new response = 26887; previous integration is from x, y = 2.848, 16208 to 2.977, 16385 and previous response = 26201.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/14/2022 8:19:25 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0113_039.0039.D to y = 16109, new integration is from x, y = 2.848, 16109 to 2.982, 16109 and new response = 27445; previous integration is from x, y = 2.848, 16109 to 2.982, 16219 and previous response = 27005.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:19:34 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_037.0037.D, from x, y = 2.849, 16240 to 2.989, 16255, result = 26355; previous integration is from x, y = 2.834, 15543 to 3.045, 14782 and previous response = 38987.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/14/2022 8:19:36 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0113_037.0037.D to y = 16240, new integration is from x, y = 2.849, 16240 to 2.989, 16240 and new response = 26420; previous integration is from x, y = 2.849, 16240 to 2.989, 16255 and previous response = 26355.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:19:44 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_036.0036.D, from x, y = 2.848, 16156 to 2.980, 16167, result = 24431; previous integration is from x, y = 2.833, 15505 to 3.038, 14810 and previous response = 36023.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:19:50 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_035.0035.D, from x, y = 2.852, 16126 to 2.989, 16219, result = 26403; previous integration is from x, y = 2.838, 15589 to 3.033, 14891 and previous response = 36992.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:19:58 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_034.0034.D, from x, y = 2.851, 16334 to 2.986, 16264, result = 30068; previous integration is from x, y = 2.851, 16334 to 2.983, 16352 and previous response = 29548.			✓	
CmdClearManualIntegration	BL2000\ctran	1/14/2022 8:20:00 AM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0113_034.0034.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:20:05 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_033.0033.D, from x, y = 2.849, 16214 to 2.980, 16427, result = 26497; previous integration is from x, y = 2.838, 15750 to 3.043, 15007 and previous response = 37912.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/14/2022 8:20:08 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0113_033.0033.D to y = 16214, new integration is from x, y = 2.849, 16214 to 2.980, 16214 and new response = 27335; previous integration is from x, y = 2.849, 16214 to 2.980, 16427 and previous response = 26497.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:20:13 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_032.0032.D, from x, y = 2.853, 16349 to 2.978, 16453, result = 25590; previous integration is from x, y = 2.841, 15719 to 2.978, 16453 and previous response = 27864.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:20:19 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_031.0031.D, from x, y = 2.850, 16161 to 2.991, 16167, result = 26453; previous integration is from x, y = 2.837, 15625 to 3.032, 14933 and previous response = 36428.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/14/2022 8:20:20 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0113_031.0031.D to y = 16161, new integration is from x, y = 2.850, 16161 to 2.991, 16161 and new response = 26475; previous integration is from x, y = 2.850, 16161 to 2.991, 16167 and previous response = 26453.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/14/2022 8:20:28 AM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0113_029.0029.D, from x = 2.835 to x = 3.037, new integration is from x, y = 2.835, 15932 to 3.037, 16203 and new response = 33532; previous integration is from x, y = 2.835, 15933 to 3.037, 15293 and previous response = 39034.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:20:32 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_029.0029.D, from x, y = 2.847, 16318 to 2.999, 16378, result = 30180; previous integration is from x, y = 2.835, 15932 to 3.037, 16203 and previous response = 33532.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/14/2022 8:20:33 AM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0113_029.0029.D to y = 16318, new integration is from x, y = 2.847, 16318 to 2.999, 16318 and new response = 30455; previous integration is from x, y = 2.847, 16318 to 2.999, 16378 and previous response = 30180.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:20:40 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_028.0028.D, from x, y = 2.850, 16083 to 2.974, 16113, result = 25839; previous integration is from x, y = 2.837, 15498 to 2.974, 16113 and previous response = 27937.			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 8:20:57 AM	Set LevelName = 5 for sample G0113_041.0041.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	1/14/2022 8:20:59 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	1/14/2022 8:21:00 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/14/2022 8:21:10 AM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0113_041.0041.D, from x = 2.824 to x = 3.026, new integration is from x, y = 2.824, 15885 to 3.026, 15865 and new response = 156945; previous integration is from x, y = 2.824, 15839 to 3.026, 14800 and previous response = 163662.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:21:23 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_041.0041.D, from x, y = 2.828, 16063 to 3.007, 16109, result = 154517; previous integration is from x, y = 2.824, 15885 to 3.026, 15865 and previous response = 156945.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\ctran	1/14/2022 8:21:35 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:21:45 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_053.0053.D, from x, y = 2.846, 15818 to 3.000, 15735, result = 30143; previous integration is from x, y = 2.830, 15313 to 3.027, 14638 and previous response = 39349.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 8:21:47 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_053.0053.D, from x, y = 2.846, 15818 to 2.997, 15849, result = 29615; previous integration is from x, y = 2.846, 15818 to 3.000, 15735 and previous response = 30143.			✓	
CmdStartMethodEditing	BL2000\ctran	1/14/2022 8:23:34 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\ctran	1/14/2022 8:23:34 AM	Import method from sample G0113_053.0053.D			✓	
CmdSaveMethodAs	BL2000\ctran	1/14/2022 8:23:51 AM	Save method to file \\MASSHUNTER\Org\Data\GECD.I\GECD_methods\G011322_8011_W_CLT.m			✓	
CmdApplyMethodToAllSamples	BL2000\ctran	1/14/2022 8:23:54 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\ctran	1/14/2022 8:23:54 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\ctran	1/14/2022 8:23:55 AM	End method editing			✓	
CmdQuantitate	BL2000\ctran	1/14/2022 8:23:57 AM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\ctran	1/14/2022 8:24:00 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	1/14/2022 8:24:01 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin			✓	
CmdSaveBatchTable	BL2000\ctran	1/14/2022 8:24:31 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	1/14/2022 1:18:06 PM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G011322_8011_W_CLT.batch.bin			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:18:48 PM	Set SampleApproved = True for sample G0113_013.0013.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:18:51 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_013.0013.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:18:54 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0113_013.0013.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:19:26 PM	Set SampleApproved = True for sample G0113_023.0023.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 1:19:40 PM	Manually integrate compound 1,2-Dibromoethane in sample G0113_025.0025.D, from x, y = 2.285, 16202 to 2.433, 16146, result = 41915; previous integration is from x, y = 2.285, 16202 to 2.425, 16302 and previous response = 41240.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 1:19:49 PM	Manually integrate compound 1,2-Dibromoethane in sample G0113_023.0023.D, from x, y = 2.277, 16036 to 2.417, 15984, result = 18622; previous integration is from x, y = 2.283, 16036 to 2.415, 16036 and previous response = 18407.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:19:51 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0113_023.0023.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:20:05 PM	Set UserAnnotation = GT for compound 1,2-Dibromoethane in sample G0113_025.0025.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:20:06 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0113_025.0025.D; previous value = GT			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:20:07 PM	Set SampleApproved = True for sample G0113_024.0024.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:20:08 PM	Set SampleApproved = True for sample G0113_025.0025.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 1:20:12 PM	Manually integrate compound 1,2-Dibromoethane in sample G0113_026.0026.D, from x, y = 2.286, 16167 to 2.423, 16073, result = 17663; previous integration is from x, y = 2.286, 16167 to 2.415, 16226 and previous response = 17060.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/14/2022 1:20:18 PM	Drop baseline for compound 1,2-Dibromoethane in sample G0113_026.0026.D to y = 16073, new integration is from x, y = 2.286, 16073 to 2.423, 16073 and new response = 18050; previous integration is from x, y = 2.286, 16167 to 2.423, 16073 and previous response = 17663.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/14/2022 1:20:27 PM	Snap baseline for compound 1,2-Dibromoethane in sample G0113_026.0026.D, from x = 2.286 to x = 2.423, new integration is from x, y = 2.286, 16182 to 2.423, 16073 and new response = 17601; previous integration is from x, y = 2.286, 16073 to 2.423, 16073 and previous response = 18050.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:20:30 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0113_026.0026.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:20:32 PM	Set SampleApproved = True for sample G0113_026.0026.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:21:00 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_025.0025.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:21:10 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_027.0027.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:21:13 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0113_027.0027.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:21:26 PM	Set SampleApproved = True for sample G0113_027.0027.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:21:33 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_028.0028.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:21:36 PM	Set SampleApproved = True for sample G0113_028.0028.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 1:21:41 PM	Manually integrate compound 1,2-Dibromoethane in sample G0113_029.0029.D, from x, y = 2.296, 16276 to 2.374, 16182, result = 380; previous integration is from x, y = 2.093, 16086 to 2.288, 16269 and previous response = 16032.			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:21:55 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_029.0029.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 1:22:05 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_029.0029.D, from x, y = 2.847, 16318 to 2.983, 16259, result = 30485; previous integration is from x, y = 2.847, 16318 to 2.999, 16318 and previous response = 30455.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:22:11 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_029.0029.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:22:12 PM	Set SampleApproved = True for sample G0113_029.0029.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:22:20 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_030.0030.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:22:22 PM	Set SampleApproved = True for sample G0113_030.0030.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:22:25 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_031.0031.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:22:28 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_031.0031.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:22:34 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_028.0028.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:22:43 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_032.0032.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:22:44 PM	Set SampleApproved = True for sample G0113_031.0031.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:22:48 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_032.0032.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:22:51 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_033.0033.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:22:55 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_033.0033.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:22:57 PM	Set SampleApproved = True for sample G0113_032.0032.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:22:57 PM	Set SampleApproved = True for sample G0113_033.0033.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 1:23:14 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_034.0034.D, from x, y = 2.851, 16334 to 2.953, 16372, result = 27641; previous integration is from x, y = 2.851, 16334 to 2.983, 16352 and previous response = 29548.			✓	
CmdClearManualIntegration	BL2000\ctran	1/14/2022 1:23:28 PM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0113_034.0034.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 1:23:39 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_034.0034.D, from x, y = 2.851, 16334 to 2.966, 16273, result = 28914; previous integration is from x, y = 2.851, 16334 to 2.983, 16352 and previous response = 29548.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:23:52 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_035.0035.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:23:54 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_035.0035.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:23:56 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_036.0036.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 1:23:59 PM	Manually integrate compound 1,2-Dibromoethane in sample G0113_036.0036.D, from x, y = 2.298, 16193 to 2.380, 15964, result = 372; previous integration is from x, y = 2.242, 0 to 2.242, 0 and previous response = 0.			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:24:00 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_036.0036.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:24:07 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_036.0036.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:24:08 PM	Set SampleApproved = True for sample G0113_036.0036.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:24:09 PM	Set SampleApproved = True for sample G0113_035.0035.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:24:10 PM	Set SampleApproved = False for sample G0113_035.0035.D; previous value = True			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:24:11 PM	Set SampleApproved = True for sample G0113_034.0034.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:24:13 PM	Set SampleApproved = True for sample G0113_035.0035.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:24:14 PM	Set SampleApproved = False for sample G0113_034.0034.D; previous value = True			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:24:19 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_037.0037.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:24:23 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_037.0037.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:24:33 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_038.0038.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:24:35 PM	Set SampleApproved = True for sample G0113_038.0038.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:24:36 PM	Set SampleApproved = True for sample G0113_037.0037.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:24:46 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_039.0039.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:24:56 PM	Set SampleApproved = True for sample G0113_039.0039.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:25:17 PM	Set LevelName = LCS for sample G0113_038.0038.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:25:21 PM	Set LevelName = LCS for sample G0113_039.0039.D; previous value =			✓	
CmdQuantitate	BL2000\ctran	1/14/2022 1:25:26 PM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:25:43 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0113_040.0040.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:25:45 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_040.0040.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:25:53 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_041.0041.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:25:55 PM	Set SampleApproved = True for sample G0113_041.0041.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:25:58 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0113_042.0042.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:26:01 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_042.0042.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:26:02 PM	Set SampleApproved = True for sample G0113_042.0042.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:26:05 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_040.0040.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:26:07 PM	Set SampleApproved = True for sample G0113_040.0040.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:26:28 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_034.0034.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:26:35 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_034.0034.D; previous value =			✓	
CmdClearManualIntegration	BL2000\ctran	1/14/2022 1:26:51 PM	Clear manual integration of target signal for compound 1,1,1,2-Tetrachloroethane in sample G0113_034.0034.D			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:26:51 PM	Set UserAnnotation = for compound 1,1,1,2-Tetrachloroethane in sample G0113_034.0034.D; previous value = GT			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:27:21 PM	Set SampleApproved = True for sample G0113_034.0034.D; previous value = False			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/14/2022 1:27:40 PM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0113_020.0020.D, from x = 2.828 to x = 3.030, new integration is from x, y = 2.828, 16568 to 3.030, 16151 and new response = 407710; previous integration is from x, y = 2.828, 15886 to 3.030, 15020 and previous response = 418722.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:27:43 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_020.0020.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\ctran	1/14/2022 1:27:49 PM	Replace level 3 with CC sample G0113_053.0053.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 5 with CC sample G0113_041.0041.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level LCS1 with QC sample G0113_026.0026.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level LCS with QC sample G0113_025.0025.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 3 with CC sample G0113_023.0023.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level LCS with QC sample G0113_022.0022.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 6 with Calibration sample G0113_020.0020.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 5 with Calibration sample G0113_019.0019.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 4 with Calibration sample G0113_018.0018.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 3 with Calibration sample G0113_017.0017.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 2 with Calibration sample G0113_016.0016.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane}; Replace level 7 with Calibration sample G0113_015.0015.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane,			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			1,1,1,2-Tetrachloroethane}; Replace level 1 with Calibration sample G0113_014.0014.D for compounds {1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,1,1,2-Tetrachloroethane};				
CmdQuantitate	BL2000\ctran	1/14/2022 1:27:54 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	1/14/2022 1:27:56 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin			✓	
CmdStartMethodEditing	BL2000\ctran	1/14/2022 1:28:02 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\ctran	1/14/2022 1:28:02 PM	Import method from sample G0113_020.0020.D			✓	
CmdSaveMethodAs	BL2000\ctran	1/14/2022 1:28:08 PM	Save method to file \\MASSHUNTER\Org\Data\GECD.I\GECD_methods\G011322_8011_W_CLT.m			✓	
CmdApplyMethodToAllSamples	BL2000\ctran	1/14/2022 1:28:12 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\ctran	1/14/2022 1:28:12 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\ctran	1/14/2022 1:28:13 PM	End method editing			✓	
CmdQuantitate	BL2000\ctran	1/14/2022 1:28:15 PM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:29:32 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_043.0043.D			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\ctran	1/14/2022 1:29:40 PM	Snap baseline for compound 1,1,1,2-Tetrachloroethane in sample G0113_043.0043.D, from x = 2.832 to x = 3.038, new integration is from x, y = 2.832, 15396 to 3.038, 15583 and new response = 31683; previous integration is from x, y = 2.832, 15398 to 3.038, 14697 and previous response = 37159.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 1:29:44 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_043.0043.D, from x, y = 2.847, 16078 to 2.976, 16016, result = 25623; previous integration is from x, y = 2.832, 15396 to 3.038, 15583 and previous response = 31683.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:29:46 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_043.0043.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:29:49 PM	Set SampleApproved = True for sample G0113_043.0043.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:30:14 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_044.0044.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 1:30:22 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_045.0045.D, from x, y = 2.846, 15938 to 2.978, 15974, result = 25942; previous integration is from x, y = 2.833, 15339 to 3.032, 14660 and previous response = 36907.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:30:23 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_045.0045.D; previous value =			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:30:26 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_045.0045.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:30:28 PM	Set SampleApproved = True for sample G0113_044.0044.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:30:29 PM	Set SampleApproved = True for sample G0113_045.0045.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:30:32 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_046.0046.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 1:30:39 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_046.0046.D, from x, y = 2.846, 16036 to 2.980, 16031, result = 25691; previous integration is from x, y = 2.833, 15396 to 3.033, 14705 and previous response = 36994.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:30:40 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_046.0046.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:30:41 PM	Set SampleApproved = True for sample G0113_046.0046.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:31:06 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_047.0047.D			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:31:08 PM	Set SampleApproved = True for sample G0113_047.0047.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:31:16 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_048.0048.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:31:20 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_049.0049.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 1:31:26 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_049.0049.D, from x, y = 2.846, 15863 to 2.981, 15901, result = 25003; previous integration is from x, y = 2.830, 15307 to 3.038, 14598 and previous response = 35879.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:31:27 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_049.0049.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:31:30 PM	Set SampleApproved = True for sample G0113_048.0048.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:31:31 PM	Set SampleApproved = True for sample G0113_049.0049.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:31:40 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_050.0050.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:31:43 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_051.0051.D			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 1:31:50 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_051.0051.D, from x, y = 2.848, 15989 to 2.962, 16125, result = 24908; previous integration is from x, y = 2.831, 15411 to 2.975, 14950 and previous response = 32101.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 1:31:52 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample G0113_051.0051.D, from x, y = 2.848, 15989 to 2.969, 16094, result = 25044; previous integration is from x, y = 2.848, 15989 to 2.962, 16125 and previous response = 24908.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/14/2022 1:31:54 PM	Drop baseline for compound 1,1,1,2-Tetrachloroethane in sample G0113_051.0051.D to y = 15989, new integration is from x, y = 2.848, 15989 to 2.969, 15989 and new response = 25425; previous integration is from x, y = 2.848, 15989 to 2.969, 16094 and previous response = 25044.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:32:00 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_051.0051.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:32:03 PM	Set SampleApproved = True for sample G0113_050.0050.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:32:04 PM	Set SampleApproved = True for sample G0113_051.0051.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:32:07 PM	Zero out primary peak of compound 1,1,1,2-Tetrachloroethane in sample G0113_052.0052.D			✓	
CmdZeroOutPeak	BL2000\ctran	1/14/2022 1:32:09 PM	Zero out primary peak of compound 1,2-Dibromoethane in sample G0113_052.0052.D			✓	
CmdManuallyIntegrateDropBaseline	BL2000\ctran	1/14/2022 1:32:14 PM	Drop baseline for compound 1,2-Dibromoethane in sample G0113_053.0053.D to y = 15977, new integration is from x, y = 2.282, 15977 to 2.408, 15977 and new response = 18378; previous integration is from x, y = 2.282, 15977 to 2.408, 16049 and previous response = 18105.			✓	
CmdManuallyIntegratePeak	BL2000\ctran	1/14/2022 1:32:17 PM	Manually integrate compound 1,2-Dibromoethane in sample G0113_053.0053.D, from x, y = 2.282, 15977 to 2.414, 15911, result = 18640; previous integration is from x, y = 2.282, 15977 to 2.408, 15977 and previous response = 18378.			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:32:19 PM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample G0113_053.0053.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/14/2022 1:32:22 PM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_053.0053.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:32:24 PM	Set SampleApproved = True for sample G0113_052.0052.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\ctran	1/14/2022 1:32:25 PM	Set SampleApproved = True for sample G0113_053.0053.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\ctran	1/14/2022 1:37:24 PM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	1/17/2022 9:00:42 AM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G011322_8011_W_CLT.batch.bin			✓	
CmdSetSampleAttribute	BL2000\ctran	1/17/2022 9:23:02 AM	Set SampleType = CC for sample G0113_014.0014.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/17/2022 9:23:04 AM	Set SampleType = CC for sample G0113_015.0015.D; previous value = Calibration			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\ctran	1/17/2022 9:23:06 AM	Set SampleType = CC for sample G0113_016.0016.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/17/2022 9:23:08 AM	Set SampleType = CC for sample G0113_017.0017.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/17/2022 9:23:10 AM	Set SampleType = CC for sample G0113_018.0018.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/17/2022 9:23:12 AM	Set SampleType = CC for sample G0113_019.0019.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\ctran	1/17/2022 9:23:15 AM	Set SampleType = CC for sample G0113_020.0020.D; previous value = Calibration			✓	
CmdQuantitate	BL2000\ctran	1/17/2022 9:31:38 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ctran	1/17/2022 9:38:10 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin			✓	
CmdSaveBatchTable	BL2000\ctran	1/17/2022 9:40:45 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin			✓	
CmdSaveBatchTable	BL2000\ctran	1/17/2022 9:42:10 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin			✓	
CmdSaveBatchTable	BL2000\ctran	1/17/2022 10:26:23 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin			✓	
CmdOpenBatchTable	BL2000\ctran	1/17/2022 10:45:19 AM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G011322_8011_W_CLT.batch.bin			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/17/2022 10:45:45 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_016.0016.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\ctran	1/17/2022 10:45:49 AM	Set UserAnnotation = GT for compound 1,1,1,2-Tetrachloroethane in sample G0113_019.0019.D; previous value =			✓	
CmdSaveBatchTable	BL2000\ctran	1/17/2022 10:46:20 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin			✓	
CmdSaveBatchTable	BL2000\ctran	1/17/2022 10:54:42 AM	Save batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantResults\G011322_8011_W_CLT.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdOpenBatchTable	BL2000\ctran	3/9/2022 10:08:12 AM	Open batch \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\G011322_8011_W_CLT.batch.bin			✓	
GenerateReport	BL2000\ctran	3/9/2022 10:09:37 AM	Generates report - Method: \\MASSHUNTER\Org\reports\Gen_ResultsSummary.m, Output Path: \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantReports\G011322_8011_W_CLT			✓	
GenerateReport	BL2000\ctran	3/9/2022 10:11:57 AM	Generates report - Method: \\MASSHUNTER\Org\reports\Gen_ResultsSummary.m, Output Path: \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantReports\G011322_8011_W_CLT-1			✓	
GenerateReport	BL2000\ctran	3/9/2022 10:16:53 AM	Generates report - Method: \\MASSHUNTER\Org\reports\init_cal_rpt.m, Output Path: \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantReports\G011322_8011_W_CLT-2			✓	
GenerateReport	BL2000\ctran	3/9/2022 10:19:51 AM	Generates report - Method: \\MASSHUNTER\Org\reports\Gen_Calibration.m, Output Path: \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantReports\G011322_8011_W_CLT-3			✓	
GenerateReport	BL2000\ctran	3/9/2022 10:24:53 AM	Generates report - Method: \\MASSHUNTER\Org\reports\Env_QuantResults_wGraphics+Chromatogram.m, Output Path: \\MASSHUNTER\Org\Data\GECD.I\G011322\aiaexport\QuantReports\G011322_8011_W_CLT-4			✓	

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

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

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

Final Volume: 10 mL

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

Analytes	CAS	Conc:	ug/mL

Page: *1 of 1*

Energy Laboratories Inc

Standard LOG

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

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

Final Volume: 10 mL

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

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

Energy Laboratories Inc

Standard LOG

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

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

Final Volume: 10 mL

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

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

125 Market Street
New Haven, CT 06513
USA

AccuStandard®

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

CERTIFICATE OF ANALYSIS

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

Signal Word: Danger

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

Certified Reference Material

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

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

ID #: 14729
Opened:
Laboratory Fortified Blank Sample Concentra
Expires: 2/6/2023
Rec'd: 1/6/2022
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

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

Matrix blank to be used for background correction.

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

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

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

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

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

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

Certified By:
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

ID #: 14248
Opened:
1. 1. 1. 2-Tetrachloroethane Standard
Expires: 11/30/2024
Rec'd: 9/7/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Agilent

Certificate of Analysis

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

Product Number: HC-410-1 **Lot Issue Date:** 27-Oct-2020

Lot Number: 0006567948 **Expiration Date:** 30-Nov-2024

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

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

Matrix: methanol (methyl alcohol)

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

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

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

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

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

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

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

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

Sample lot approver:

M Bourgeois
Monica Bourgeois
QMS Representative

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

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
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: PH122821504SU
Standard Name: 504.1 Surrogate (0.1ug/mL)MeOH
Date Prepared: 12/28/2021
Date Expires: 3/20/2023
Department: PST/HRBPR
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: Carry L Tran
Status: New

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

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

Final Volume: 10 mL

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

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