

# Energy Laboratories Inc

# ANALYTICAL RUN Summary

18-Feb-22

Run ID VARIAN1\_211208B

<b>Run Start Date:</b> 12/8/2021
<b>Analyst:</b> Josie Pickard
<b>Ical:</b> 0
<b>Column ID:</b> Rtx-502.2
<b>Comments:</b>

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
GAS210122	Unleaded Gasoline Comp. Std.(2.0uL)						6/7/2023
GASL211208	Low Gasoline Std.						6/7/2023
GQC201214	Gasoline Composite Mix (1.68uL)	1.68	ul			ICV	4/2/2030
GROS200921	Gro Stock Standard Mt.Gro	0.84	ul			Marker	3/28/2029
SHP0292	VOA 1:1 HCl:H2O Solution		3 drops			ALL	12/15/2025
TFT211208	TFT (1.05uL)						9/10/2029
TFTL211208	TFTL						9/10/2029
TFTM211208	TFTM						9/10/2029

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14913447	CCV_1208VAR	HC-8015-GRO-	CCV		12/10/2021 12:3	1	R371516			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	221.786	221.786		168	0	0	3.55	20	0	132%	80	120	0%	S
Total Purgeable Hydrocarbons	A	ug/L	229.2002	229.2002		200	0	0	3.69	20	0	115%	80	120	0%	
Trifluorotoluene	S	ug/L	20.03532	20.03532		25	0	0	0.131	1	0	80%	80	120	0%	
GRO as Gasoline	X	ug/L	221.786	221.786		0	0	0	3.55	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14913448	CCV_1208VAR	HC-8015-GRO-	CCV		12/10/2021 2:51:	1	R371516			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	19.36343	19.36343		16.8	0	0	3.55	20	0	115%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	22.86042	22.86042		20	0	0	3.69	20	0	114%	80	120	0%	
Trifluorotoluene	S	ug/L	1.200123	1.200123		1	0	0	0.131	1	0	120%	80	120	0%	
GRO as Gasoline	X	ug/L	19.36343	19.36343		0	0	0	3.55	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14913449	CCV_1208VAR	HC-8015-GRO-	CCV		12/10/2021 3:25:	1	R371516		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	86.64822	86.64822		84	0	0	3.55	20	0	103%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	104.0397	104.0397		100	0	0	3.69	20	0	104%	80	120	0%	
Trifluorotoluene	S	ug/L	5.962319	5.962319		5	0	0	0.131	1	0	119%	80	120	0%	
GRO as Gasoline	X	ug/L	86.64822	86.64822		0	0	0	3.55	20	0	0%	0	0	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14913450	CCV_1208VAR	HC-8015-GRO-	CCV		12/10/2021 3:59:	1	R371516		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	171.1369	171.1369		168	0	0	3.55	20	0	102%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	202.5095	202.5095		200	0	0	3.69	20	0	101%	80	120	0%	
Trifluorotoluene	S	ug/L	22.84635	22.84635		25	0	0	0.131	1	0	91%	80	120	0%	
GRO as Gasoline	X	ug/L	171.1369	171.1369		0	0	0	3.55	20	0	0%	0	0	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14913451	CCV_1208VAR	HC-8015-GRO-	CCV		12/10/2021 4:33:	1	R371516		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	765.2867	765.2867		840	0	0	3.55	20	0	91%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	914.3724	914.3724		1000	0	0	3.69	20	0	91%	80	120	0%	
Trifluorotoluene	S	ug/L	85.18011	85.18011		100	0	0	0.131	1	0	85%	80	120	0%	
GRO as Gasoline	X	ug/L	765.2867	765.2867		0	0	0	3.55	20	0	0%	0	0	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14913452	CCV_1208VAR	HC-8015-GRO-	CCV		12/10/2021 5:08:	1	R371516		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	1488.75	1488.75		1680	0	0	3.55	20	0	89%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	1779.326	1779.326		2000	0	0	3.69	20	0	89%	80	120	0%	
Trifluorotoluene	S	ug/L	168.3369	168.3369		200	0	0	0.131	1	0	84%	80	120	0%	
GRO as Gasoline	X	ug/L	1488.75	1488.75		0	0	0	3.55	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14913453	LCS_1208VAR7	HC-8015-GRO-	LCS		12/10/2021 6:16:	1	R371516		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	171.7639	171.7639		170	0	0	3.55	20	0	101%	70	130	0%	
Total Purgeable Hydrocarbons	A	ug/L	209.8679	209.8679		200	0	0	3.69	20	0	105%	70	130	0%	
Trifluorotoluene	S	ug/L	22.35714	22.35714		25	0	0	0.131	1	0	89%	70	130	0%	
GRO as Gasoline	X	ug/L	171.7639	171.7639		170	0	0	3.55	20	0	101%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
14913454	CCV_1208VAR	HC-8015-GRO-	CCV		12/10/2021 6:50:	1	R371516		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	167.6036	167.6036		168	0	0	3.55	20	0	100%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	199.8128	199.8128		200	0	0	3.69	20	0	100%	80	120	0%	
Trifluorotoluene	S	ug/L	22.63931	22.63931		25	0	0	0.131	1	0	91%	80	120	0%	
GRO as Gasoline	X	ug/L	167.6036	167.6036		0	0	0	3.55	20	0	0%	0	0	0%	

<b>Data File</b>	<b>Sample Name</b>	<b>Method</b>	<b>Weight</b>	<b>Dil Factor</b>	<b>Amt Inj.</b>	<b>IS</b>	<b>Cal ID</b>
G:\Org\VAR\DAT\VAR120821_b\1208VAR.60r	CCV_1208VAR60r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR120821_b\1208VAR.61r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR120821_b\1208VAR.62r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR120821_b\1208VAR.63r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR120821_b\1208VAR.64r	CCV_1208VAR64r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR120821_b\1208VAR.65r	CCV_1208VAR65r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR120821_b\1208VAR.66r	CCV_1208VAR66r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR120821_b\1208VAR.67r	CCV_1208VAR67r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR120821_b\1208VAR.68r	CCV_1208VAR68r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR120821_b\1208VAR.69r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR120821_b\1208VAR.70r	LCS_1208VAR70r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR120821_b\1208VAR.71r	CCV_1208VAR71r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR120821_b\1208VAR.72r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0

File Name: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Version: 3

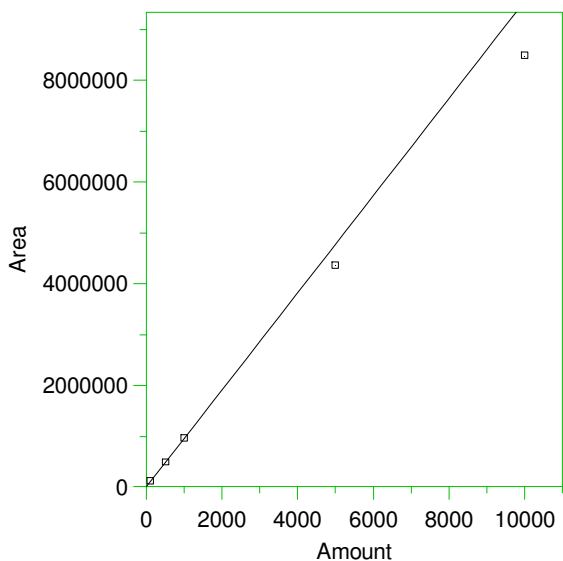
Creator: jmp  
 Description: Column Restex Rtx 502.2 12/8/21  
 Reason for change:

External standard calibration  
 Standard injection volume: 1  
 Standard sample weight: 1  
 Area reject threshold: 50  
 Reference peak area reject threshold: 15000  
 Amount units: nanograms  
 No default component

Method of calculating data point averages: Current update equal to cal data  
 Print calibration update report

All levels are normal data points.

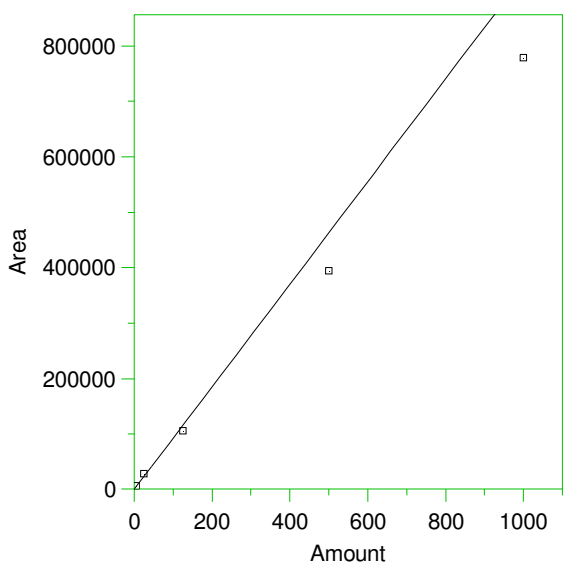
1 TPH



Expected retention time: 4.87 minutes  
 Search window: 0.12 minutes  
 No retention time reference component  
 Group number: 1  
 High alarm limit: 1000000  
 Low alarm limit: 1000  
 Component constant: 1  
 Single peak quantification by area  
 $Y = 955.6747 X + 0$   
 Average CF fit with equal weighting, forced to origin  
 Coefficient of determination: 0.9748226  
 Average error: 7.839%  
 Average CF: 955.6747  
 RSD: 10.216%

Level	Amount	Response	Cal Factor	Error, %	Source	Date and time
1	100	109235.6	1092.356	14.302	Manual	12/10/2021 7:35:02 AM
2	500	497140.5	994.281	4.040	Manual	12/10/2021 7:35:21 AM
3	1000	967665.8	967.6658	1.255	Manual	12/10/2021 7:35:40 AM
4	5000	4369213	873.8426	-8.563	Manual	12/10/2021 7:35:59 AM
5	10000	8502283	850.2283	-11.034	Manual	12/10/2021 7:36:14 AM

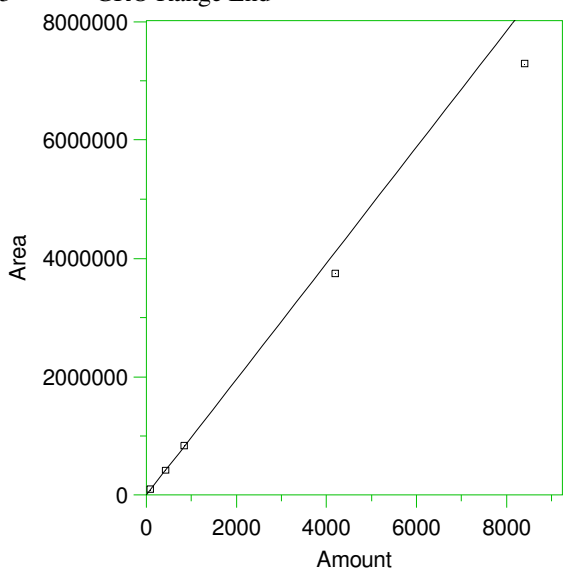
2 \*\*Trifluorotoluene



Expected retention time: 9.01 minutes  
 Search window: 0.15 minutes  
 No retention time reference component  
 Group number: 1  
 High alarm limit: 1000000  
 Low alarm limit: 1000  
 Component constant: 1  
 Single peak quantification by area  
 $Y = 925.8474 X + 0$   
 Average CF fit with equal weighting, forced to origin  
 Coefficient of determination: 0.9388383  
 Average error: 15.706%  
 Average CF: 925.8474  
 RSD: 18.136%

Level	Amount	Response	Cal Factor	Error, %	Source	Date and time
1	5	5556	1111.2	20.020	Manual	12/10/2021 7:33:35 AM
2	25	27601	1104.04	19.246	Manual	12/10/2021 7:28:46 AM
3	125	105761	846.088	-8.615	Manual	12/10/2021 7:29:43 AM
4	500	394319	788.638	-14.820	Manual	12/10/2021 7:31:11 AM
5	1000	779271	779.271	-15.832	Manual	12/10/2021 7:32:35 AM

3 GRO Range End

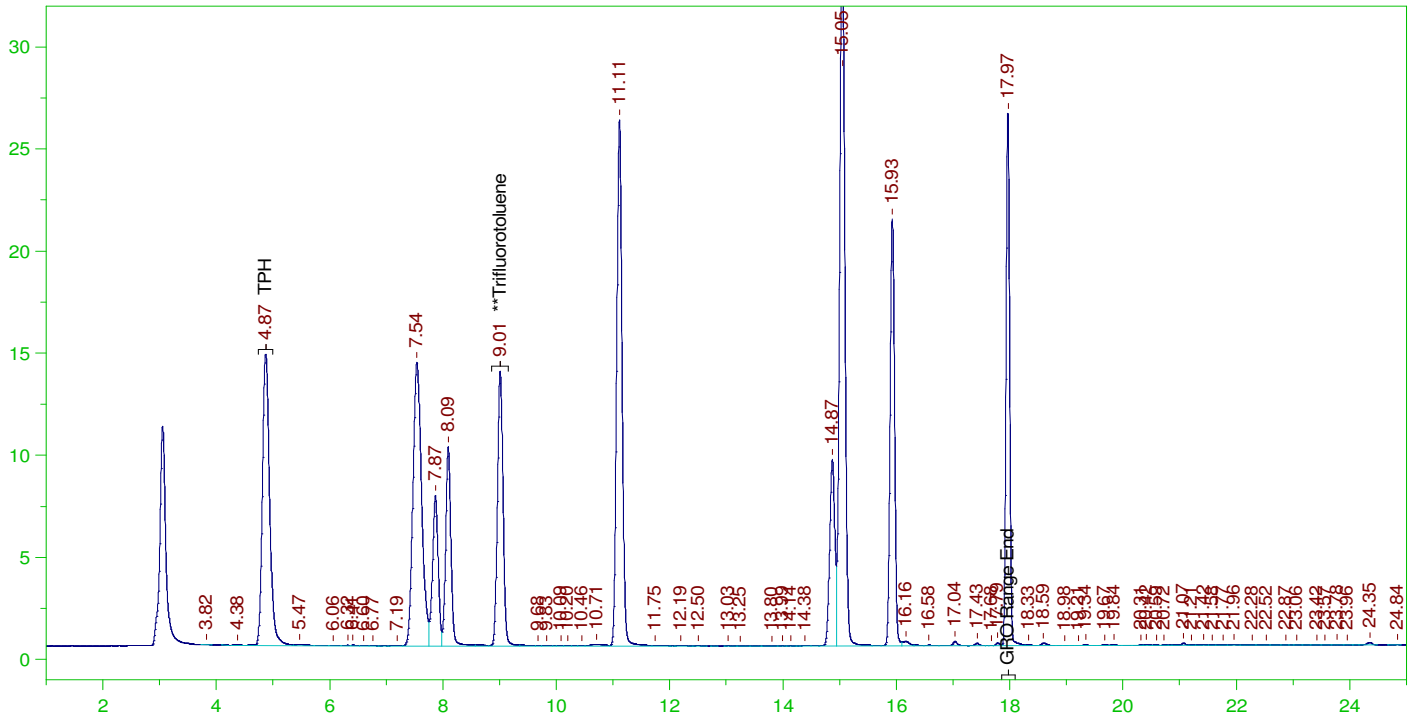


Expected retention time: 17.97 minutes  
 Search window: 0.12 minutes  
 No retention time reference component  
 Group number: 1  
 High alarm limit: 1000000  
 Low alarm limit: 1000  
 Component constant: 1  
 Single peak quantification by area  
 $Y = 979.9788 X + 0$   
 Average CF fit with equal weighting, forced to origin  
 Coefficient of determination: 0.9729225  
 Average error: 8.111%  
 Average CF: 979.9788  
 RSD: 10.665%

Level	Amount	Response	Cal Factor	Error, %	Source	Date and time
1	84	94878.77	1129.509	15.259	Manual	12/10/2021 7:35:09 AM
2	420	424567.1	1010.874	3.153	Manual	12/10/2021 7:35:26 AM
3	840	838552.8	998.2772	1.867	Manual	12/10/2021 7:35:45 AM
4	4200	3749824	892.8152	-8.894	Manual	12/10/2021 7:36:05 AM
5	8400	7294716	868.4186	-11.384	Manual	12/10/2021 7:36:20 AM

G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0060.RAW

CCV\_1208VAR60r, GQC ;1208VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_1208VAR60r, GQC ;1208VAR ,  
Raw File: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0060.RAW  
Date & Time Acquired: 12/10/2021 12:35:18 AM  
Method File: G:\Org\VAR\Methods\211208GROBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.01	92748	125.	100.177	80.14

GRO Area:1086728 GRO Amount: 1108.93  
TPH Area:1095204 TPH Amount: 1146.001

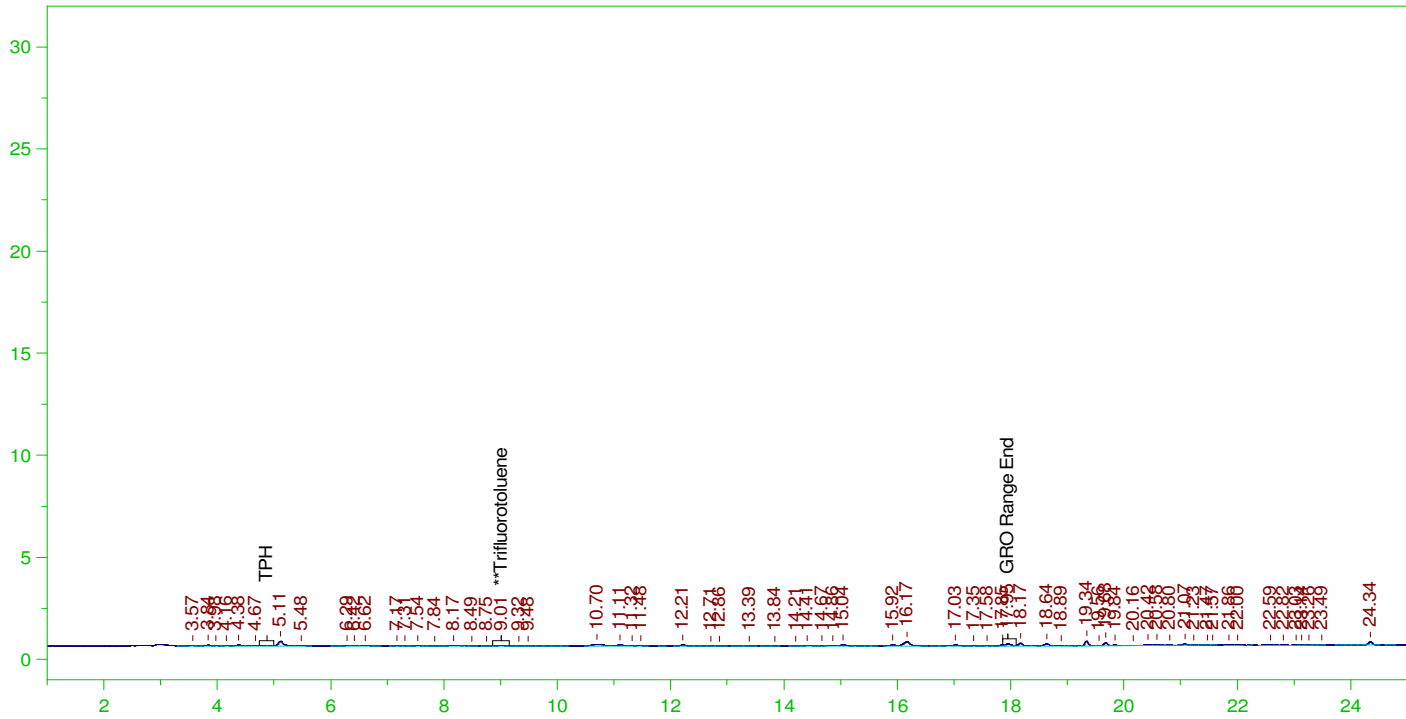
CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0060.RAW

COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
GRO	840.	1108.93	132.02	85-115
TPH	1000.	1146.	114.6	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.01	125.	100.177	80.14	85-115

G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0061.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0061.RAW  
 Date & Time Acquired: 12/10/2021 1:09:21 AM  
 Method File: G:\Org\VAR\Methods\211208GROB%.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

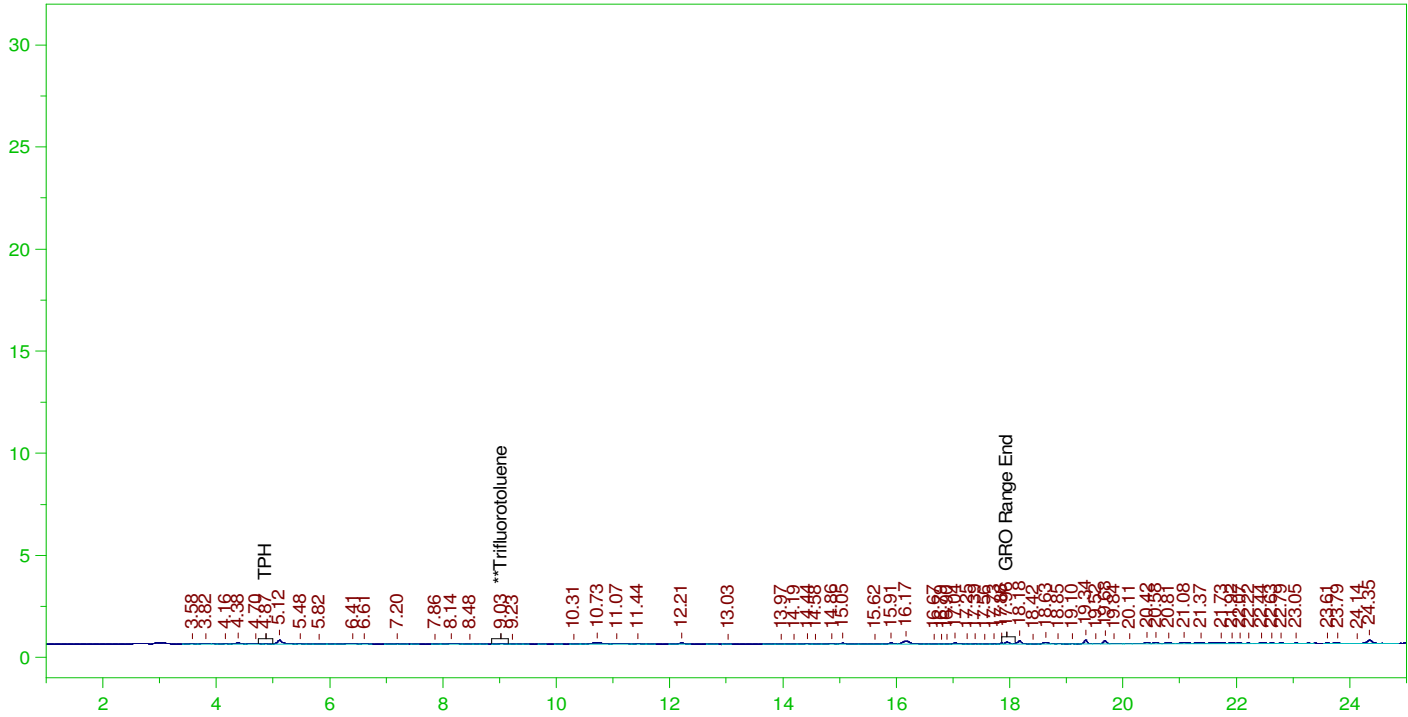
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.008	125.	.281	.23

GRO Area:12535.49 GRO Amount: 12.79159  
 TPH Area:22619.29 TPH Amount: 23.6684



G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0062.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0062.RAW  
 Date & Time Acquired: 12/10/2021 1:43:27 AM  
 Method File: G:\Org\VAR\Methods\211208GROB%.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

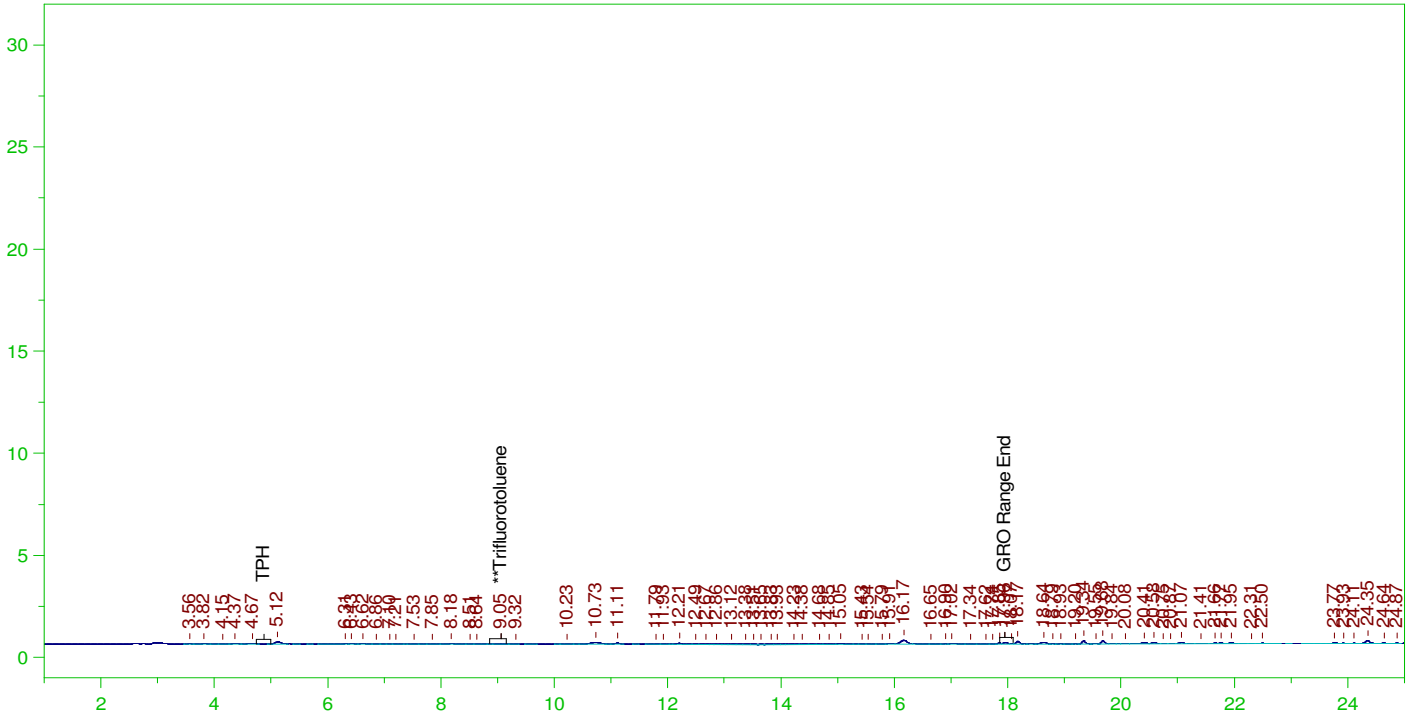
Mean RF for GRO: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.028	125.	.235	.19

GRO Area:12352.84 GRO Amount: 12.60521  
 TPH Area:24237.5 TPH Amount: 25.36166

G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0063.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0063.RAW  
 Date & Time Acquired: 12/10/2021 2:17:34 AM  
 Method File: G:\Org\VAR\Methods\211208GROB%.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

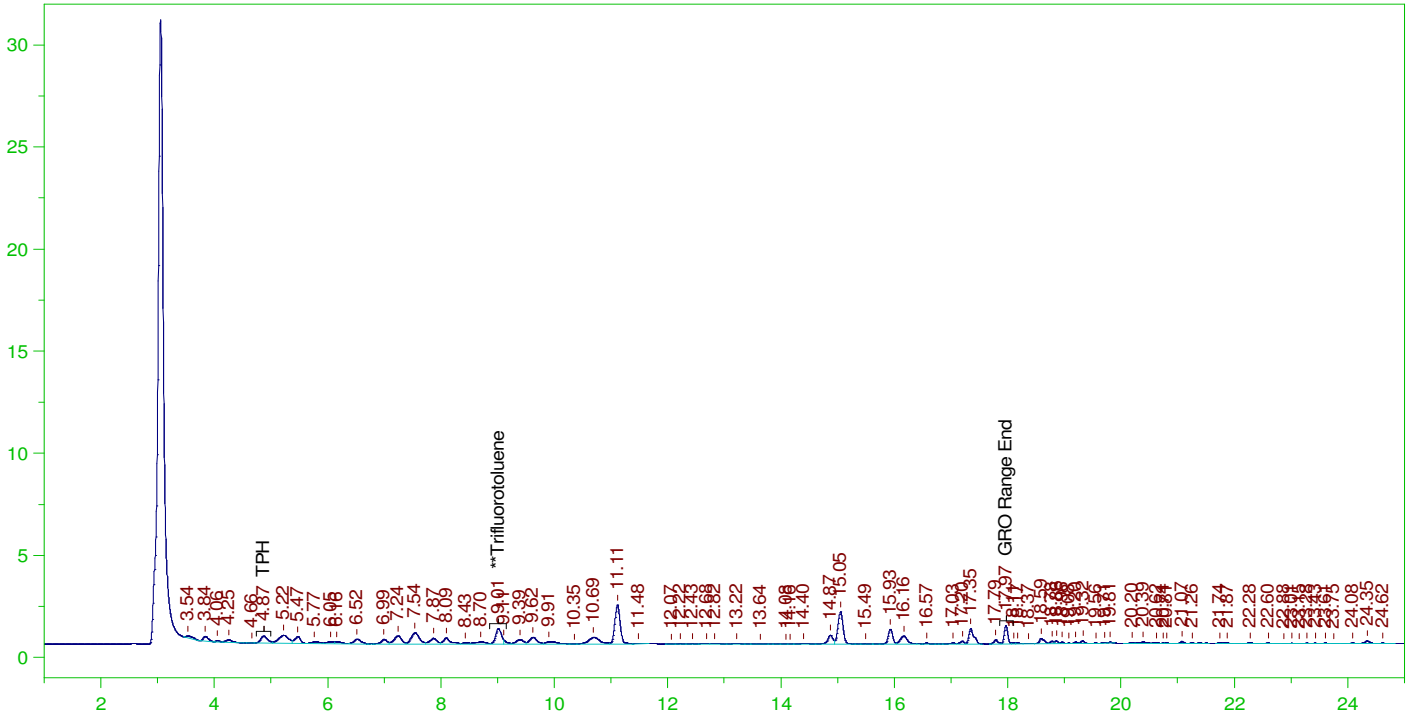
Mean RF for GRO: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.054	125.	.219	.18

GRO Area:12181.76 GRO Amount: 12.43063  
 TPH Area:21574.09 TPH Amount: 22.57472

G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0064.RAW

CCV\_1208VAR64r, GQC ;1208VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_1208VAR64r, GQC ;1208VAR ,  
Raw File: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0064.RAW  
Date & Time Acquired: 12/10/2021 2:51:41 AM  
Method File: G:\Org\VAR\Methods\211208GROG1BA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.014	5556	125.	6.001	4.8	-

GRO Area:94878.77 GRO Amount: 96.81716  
TPH Area:109235.6 TPH Amount: 114.3021

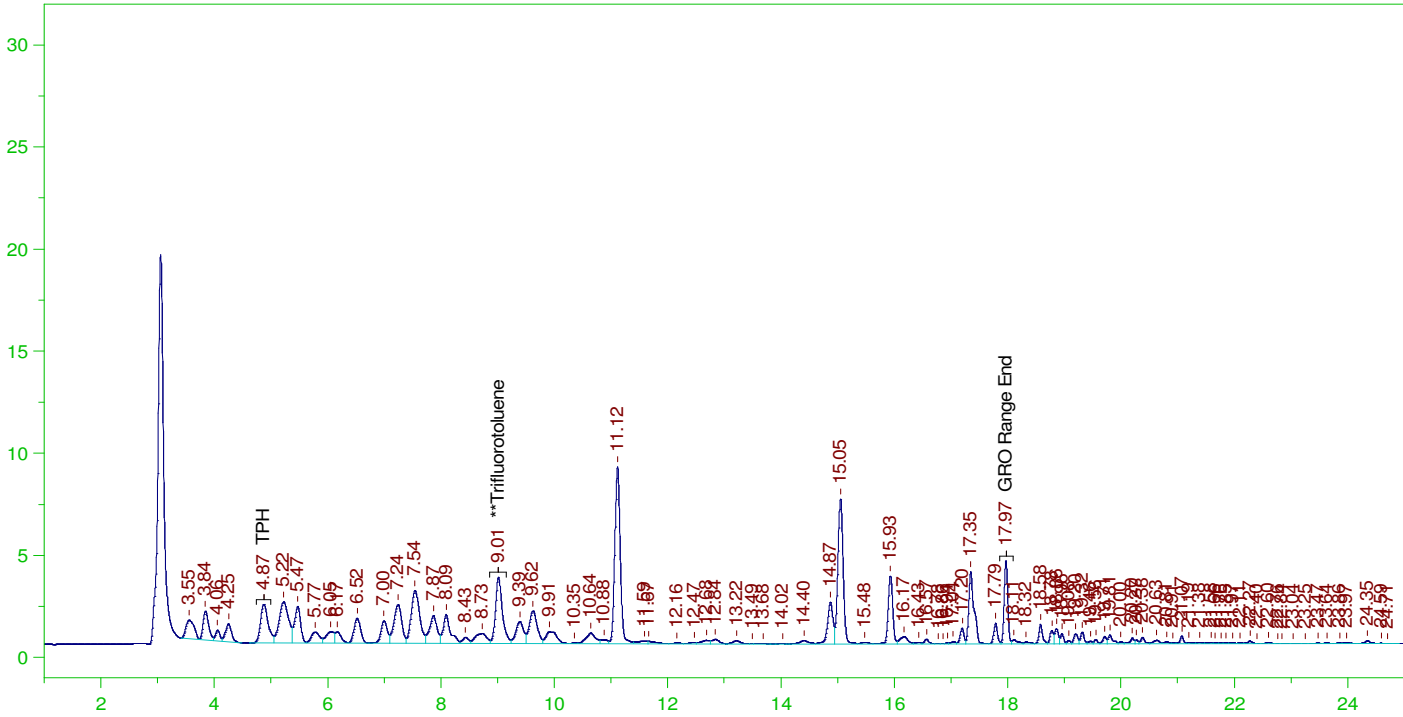
CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0064.RAW

COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
GRO	840.	96.82	11.53	85-115
TPH	1000.	114.3	11.43	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.014	125.	6.001	4.8	85-115

G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0065.RAW

CCV\_1208VAR65r, GQC ;1208VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_1208VAR65r, GQC ;1208VAR ,  
Raw File: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0065.RAW  
Date & Time Acquired: 12/10/2021 3:25:47 AM  
Method File: G:\Org\VAR\Methods\211208GROG2BA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.015	27601	125.	29.812	23.85	-

GRO Area:424567.1 GRO Amount: 433.2411  
TPH Area:497140.5 TPH Amount: 520.1984

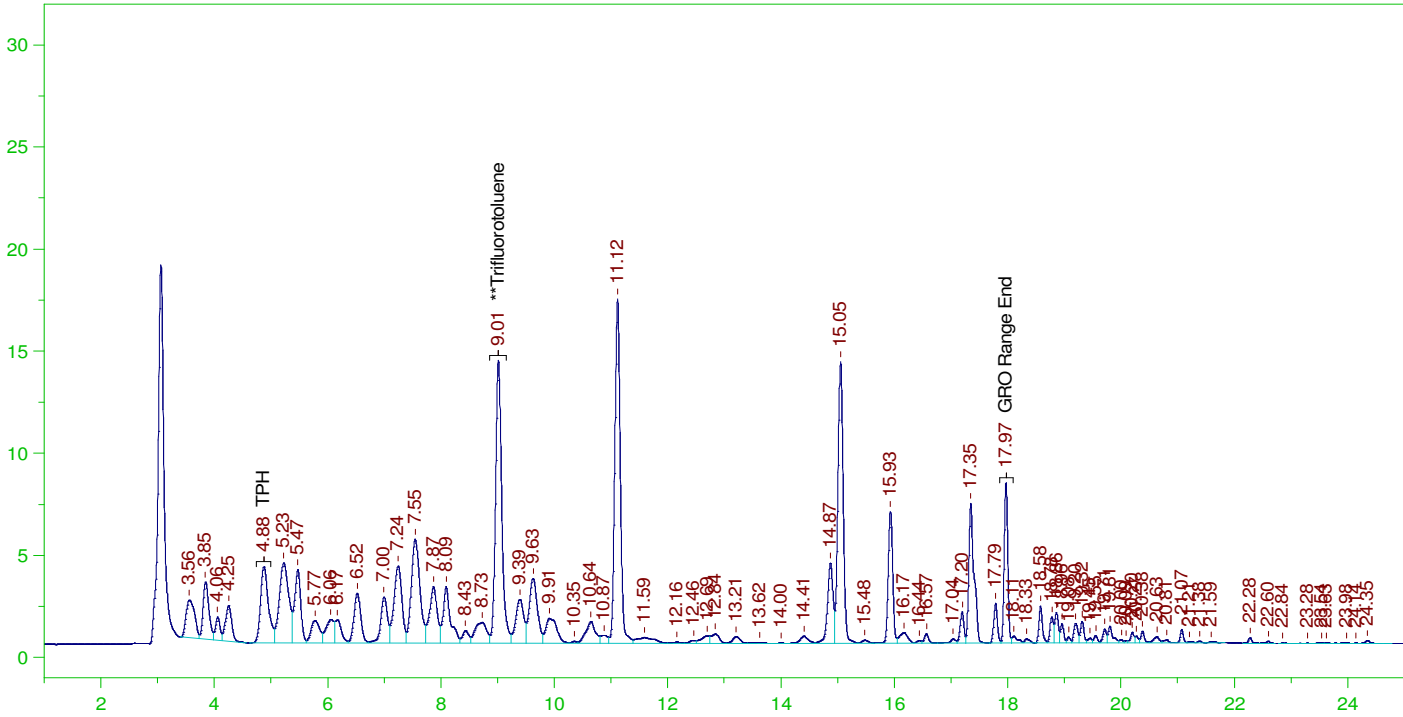
CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0065.RAW

COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
GRO	840.	433.24	51.58	85-115
TPH	1000.	520.2	52.02	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.015	125.	29.812	23.85	85-115

G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0066.RAW

CCV\_1208VAR66r, GQC ;1208VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_1208VAR66r, GQC ;1208VAR ,  
Raw File: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0066.RAW  
Date & Time Acquired: 12/10/2021 3:59:53 AM  
Method File: G:\Org\VAR\Methods\211208GROG3BA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.013	105761	125.	114.232	91.39

GRO Area:838552.8 GRO Amount: 855.6846  
TPH Area:967665.8 TPH Amount: 1012.547

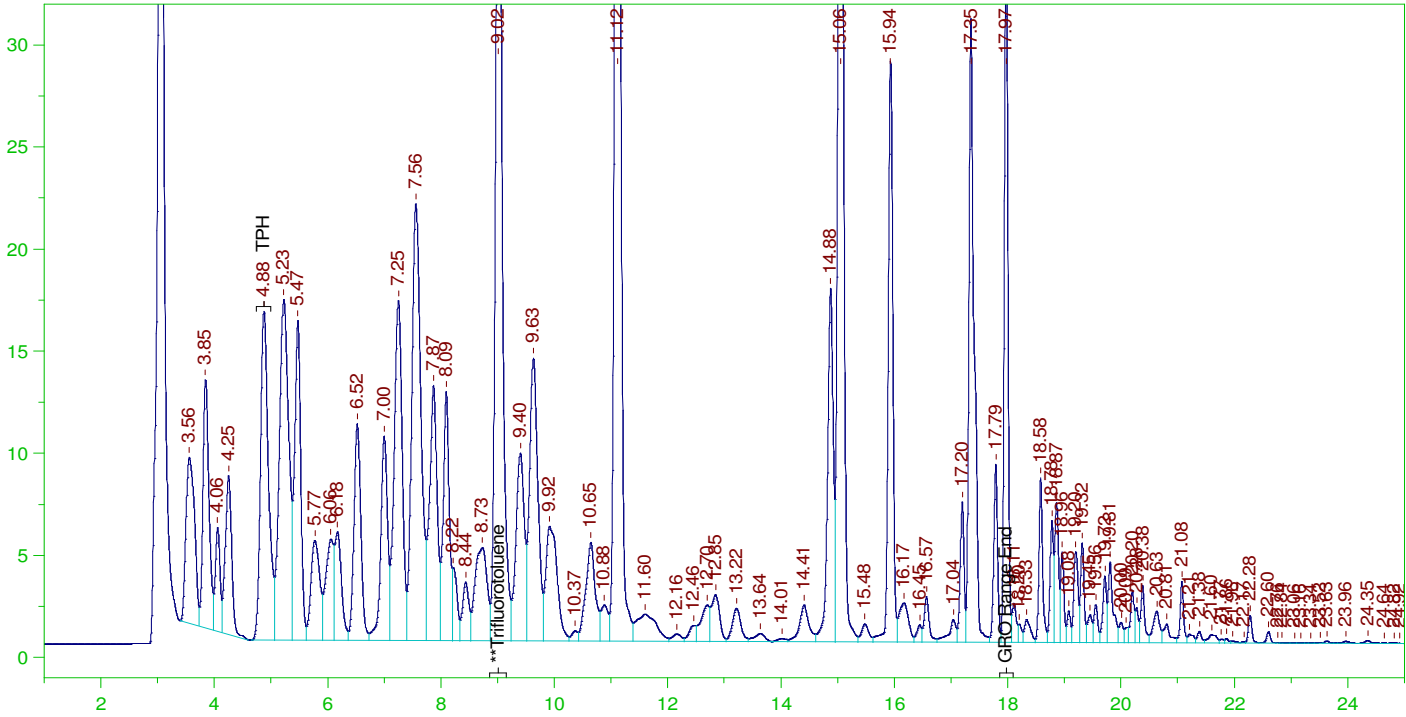
CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0066.RAW

COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
GRO	840.	855.68	101.87	85-115
TPH	1000.	1012.55	101.25	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.013	125.	114.232	91.39	85-115

G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0067.RAW

CCV\_1208VAR67r, GQC ;1208VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_1208VAR67r, GQC ;1208VAR ,  
Raw File: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0067.RAW  
Date & Time Acquired: 12/10/2021 4:33:58 AM  
Method File: G:\Org\VAR\Methods\211208GROG4BA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.016	394319	125.	425.901	340.72

GRO Area:3749824 GRO Amount: 3826.434  
TPH Area:4369213 TPH Amount: 4571.862

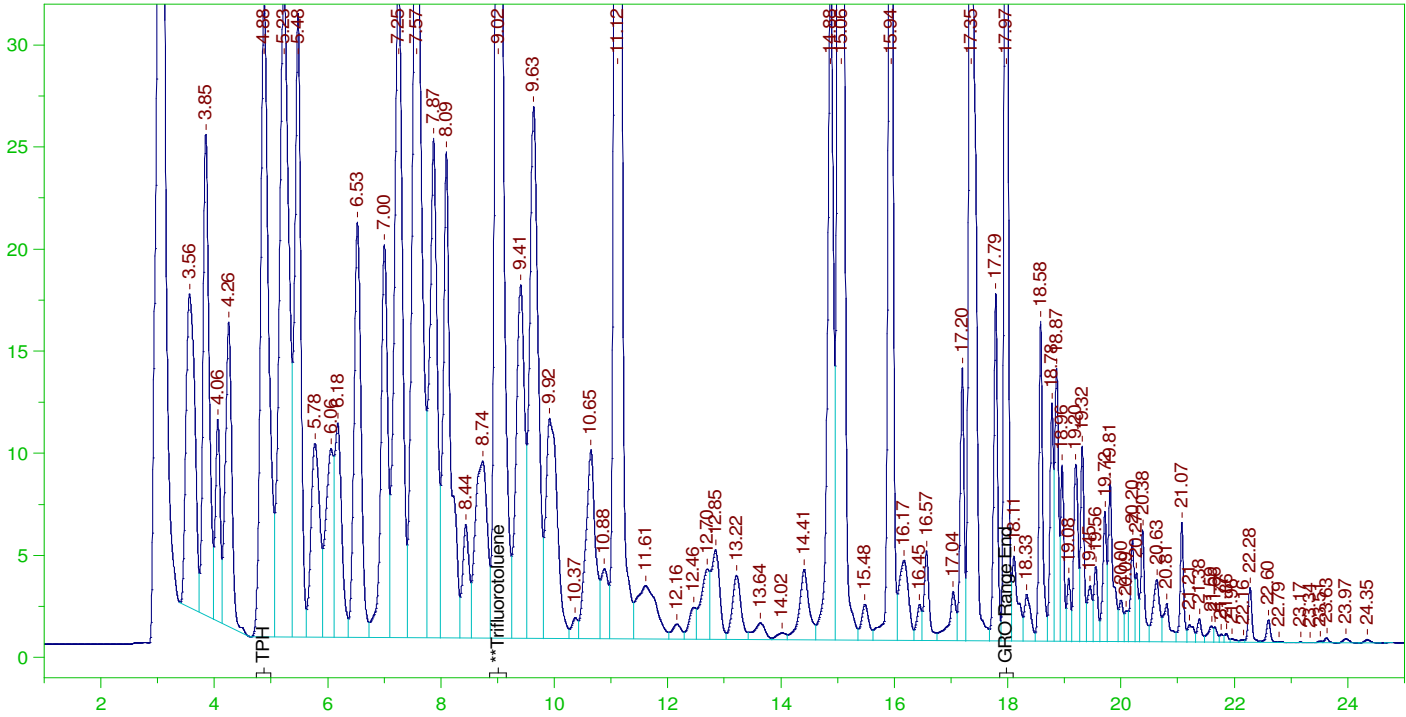
CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0067.RAW

COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
GRO	840.	3826.43	455.53	85-115
TPH	1000.	4571.86	457.19	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.016	125.	425.901	340.72	85-115

G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0068.RAW

CCV\_1208VAR68r, GQC ;1208VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_1208VAR68r, GQC ;1208VAR ,  
Raw File: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0068.RAW  
Date & Time Acquired: 12/10/2021 5:08:06 AM  
Method File: G:\Org\VAR\Methods\211208GROG5BA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.017	779271	125.	841.684	673.35

GRO Area:7294716 GRO Amount: 7443.749  
TPH Area:8502283 TPH Amount: 8896.629

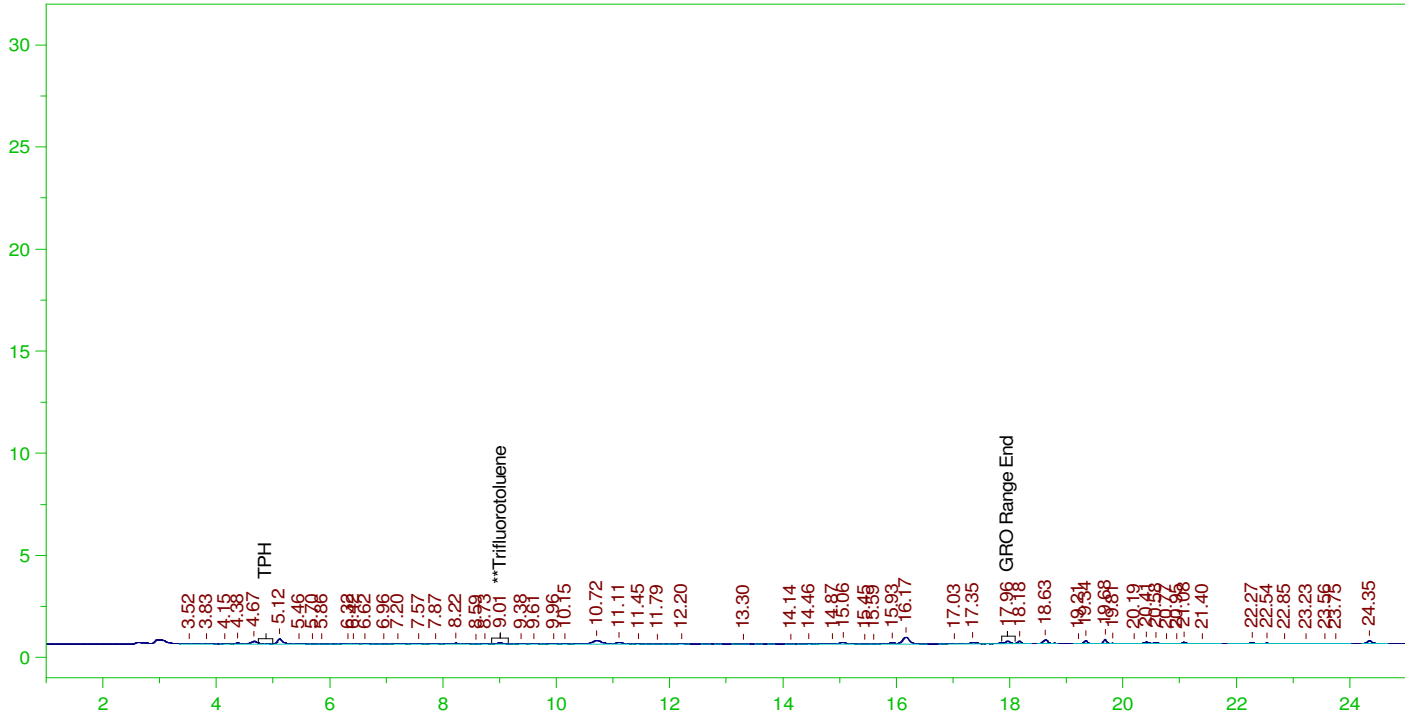
CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0068.RAW

COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
GRO	840.	7443.75	886.16	85-115
TPH	1000.	8896.63	889.66	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.017	125.	841.684	673.35	85-115

G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0069.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0069.RAW  
 Date & Time Acquired: 12/10/2021 5:42:13 AM  
 Method File: G:\Org\VAR\Methods\211208GROB%.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

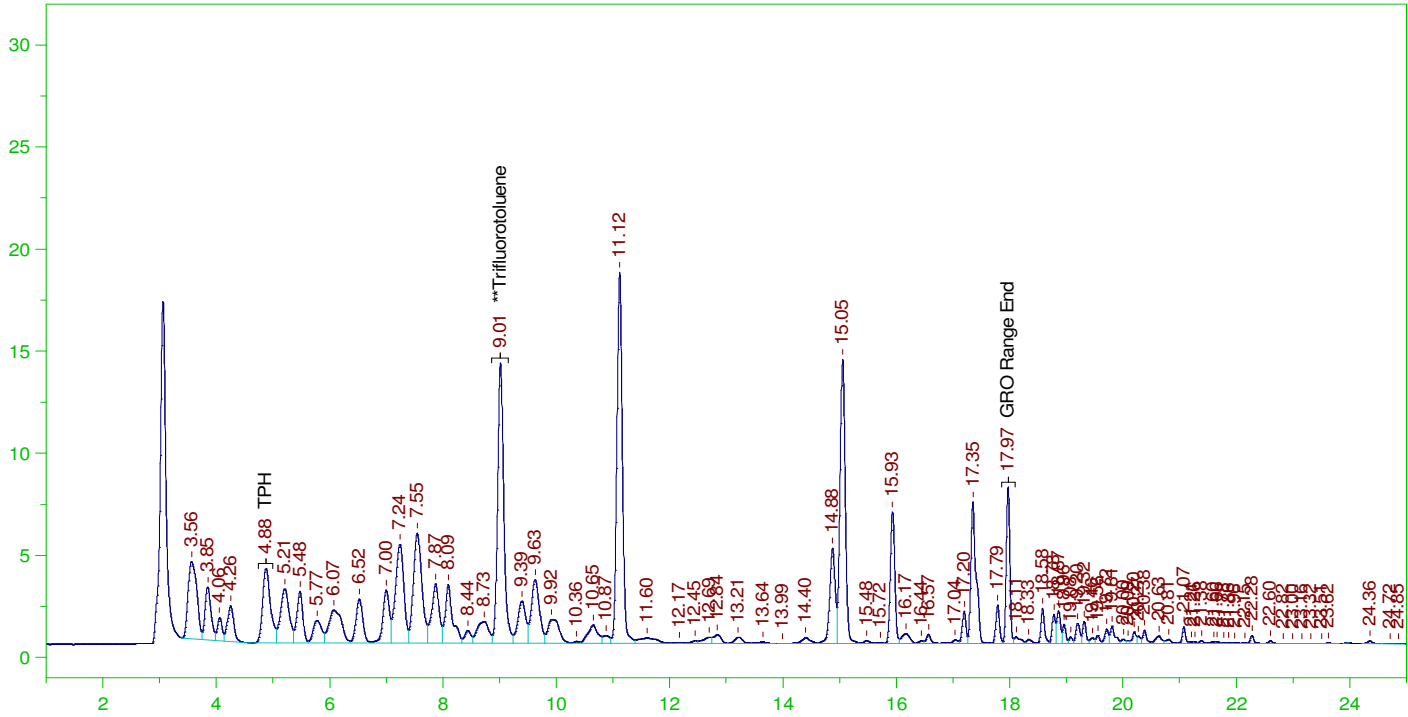
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.009	125.	.652	.52

GRO Area:18467.79 GRO Amount: 18.84509  
 TPH Area:28108.1 TPH Amount: 29.41179



G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0070.RAW

LCS\_1208VAR70r, GQC ;1208VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: LCS\_1208VAR70r, GQC ;1208VAR ,  
Raw File: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0070.RAW  
Date & Time Acquired: 12/10/2021 6:16:20 AM  
Method File: G:\Org\VAR\Methods\211208GROICVBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

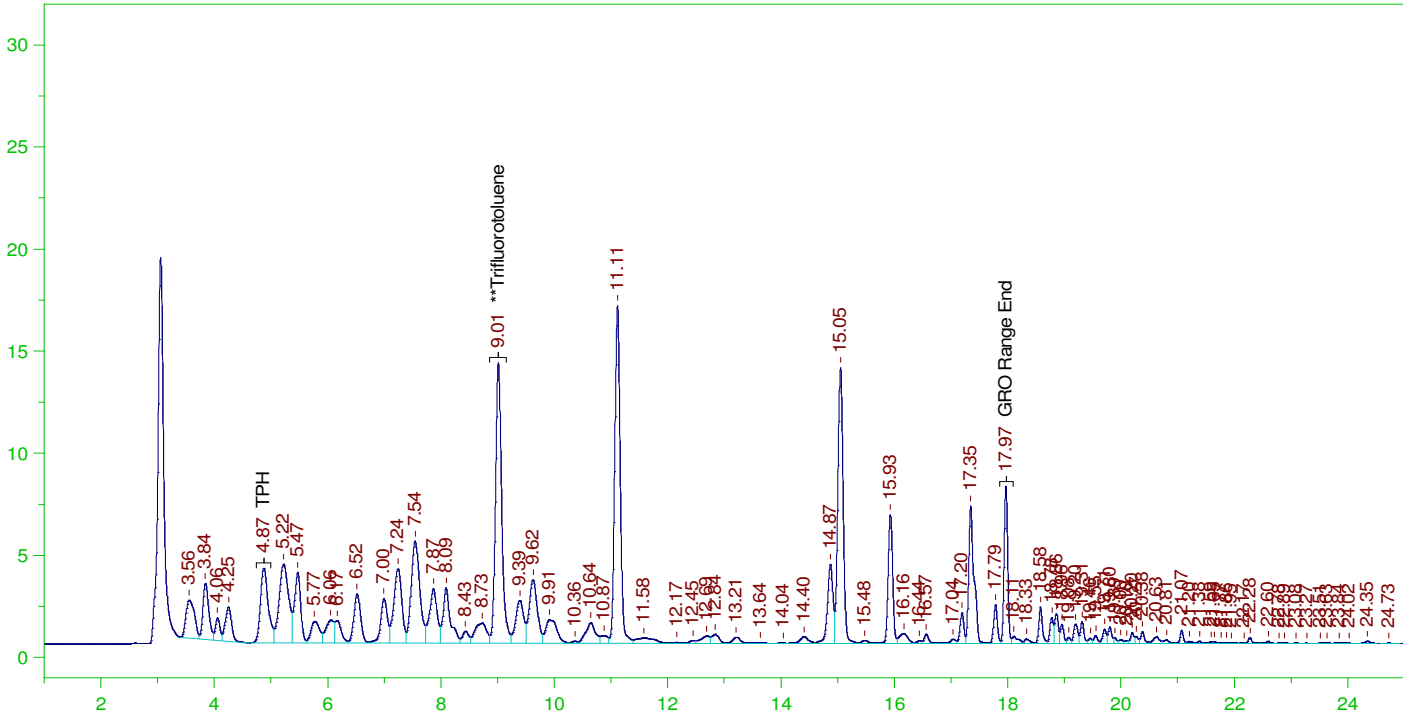
Mean RF for GRO: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.015	103497	25.	22.357	89.43	-

GRO Area:841624.8 GRO Amount: 171.7639  
TPH Area:1002827 TPH Amount: 209.8679

G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0071.RAW

CCV\_1208VAR71r, GQC ;1208VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_1208VAR71r, GQC ;1208VAR ,  
Raw File: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0071.RAW  
Date & Time Acquired: 12/10/2021 6:50:26 AM  
Method File: G:\Org\VAR\Methods\211208GROCCVBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.012	104803	125.	113.197	90.56	-

GRO Area:821239.7 GRO Amount: 838.0178  
TPH Area:954780.1 TPH Amount: 999.064

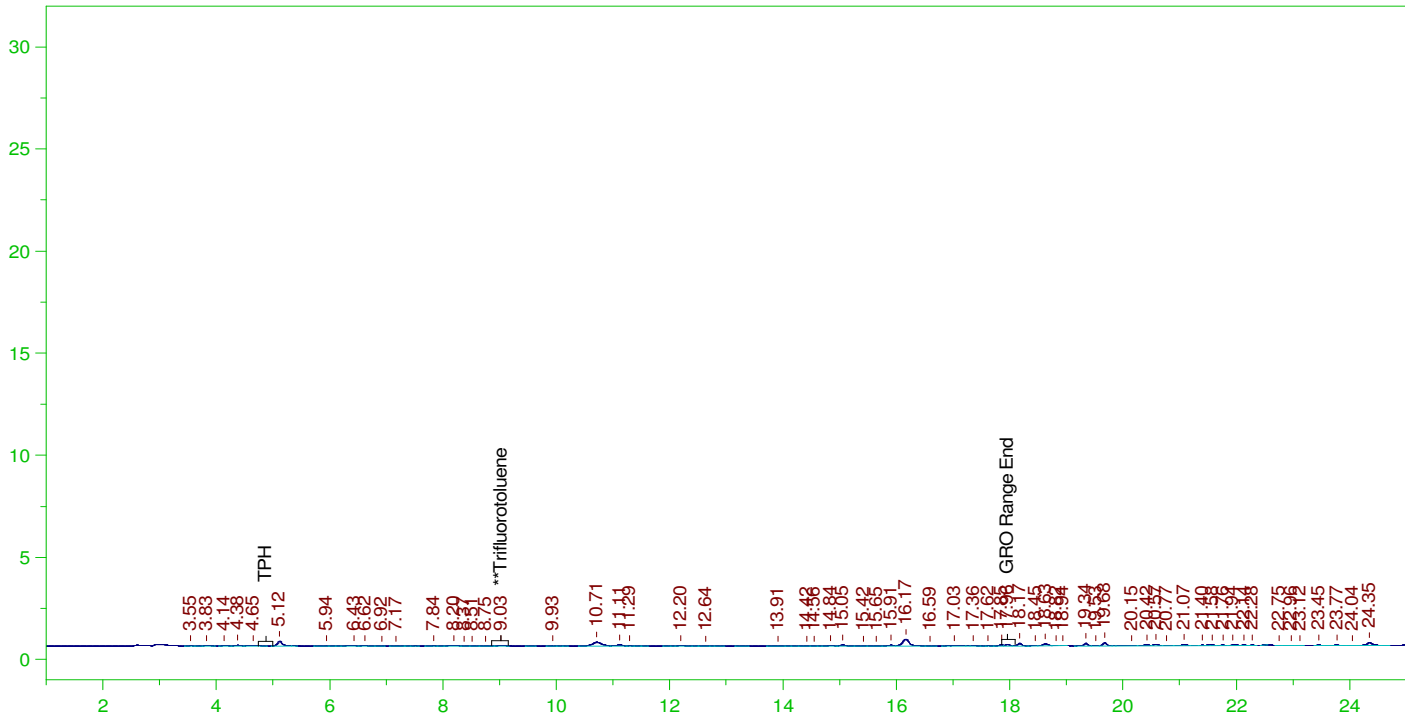
CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0071.RAW

COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
GRO	840.	838.02	99.76	85-115
TPH	1000.	999.06	99.91	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.012	125.	113.197	90.56	85-115

G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0072.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR120821\_b\1208VARB.0072.RAW  
 Date & Time Acquired: 12/10/2021 7:24:31 AM  
 Method File: G:\Org\VAR\Methods\211208GROB%.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.026	125.	.179	.14

GRO Area:13332.14 GRO Amount: 13.60451  
 TPH Area:23127.14 TPH Amount: 24.19981

Write Sequence	Insert Entries(Have the first cell for entries selecte	Method	Weight	Dil Factor	Amt Inj.	IS	Cal ID	Manual Integrations
Data File	Sample Name							
G:\Org\VAR\DAT\VAR120821_b\1208VAR.60r	CCV_1208VAR60r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR120821_b\1208VAR.61r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR120821_b\1208VAR.62r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR120821_b\1208VAR.63r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR120821_b\1208VAR.64r	CCV_1208VAR64r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR120821_b\1208VAR.65r	CCV_1208VAR65r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR120821_b\1208VAR.66r	CCV_1208VAR66r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR120821_b\1208VAR.67r	CCV_1208VAR67r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR120821_b\1208VAR.68r	CCV_1208VAR68r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR120821_b\1208VAR.69r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR120821_b\1208VAR.70r	LCS_1208VAR70r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR120821_b\1208VAR.71r	CCV_1208VAR71r, GQC ;1208VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR120821_b\1208VAR.72r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None

*Josie M Pickard*  
Chemist

Digitally signed by  
Josie Pickard  
Date: 2022.02.19 09:19:25 -07:00

# Energy Laboratories Inc

# ANALYTICAL RUN Summary

13-Mar-22

Run ID VARIAN1\_220311A

<b>Run Start Date:</b> 3/11/2022
<b>Analyst:</b> Josie Pickard
<b>Ical:</b> 0
<b>Column ID:</b> Rtx-502.2
<b>Comments:</b> Evaluated to include numbers that are above the MDL and below the LOD per QA and client request

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
GAS220104	Unleaded Gasoline Comp. Std.(2.0uL)	2	ul			CCV	6/7/2023
GQC211012	Gasoline Composite Mix (1.68uL)	1.68	ul			LCS, MS/M	4/2/2030
GROS200921	Gro Stock Standard Mt.Gro	0.84	ul			Marker	3/28/2029
SHP0292	VOA 1:1 HCl:H2O Solution	3	drops			CCV, LCS,	12/15/2025
TFT220308	TFT (1.05uL)	1.05	ul			Surr	9/10/2029

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
--------	--------	-----------	------------	---------	---------------	----	----------	-----------	--------	--------	--------	--	--	--	--

15085580	CCV_0311VAR	HC-8015-GRO-	SAMP		3/11/2022 9:01:2	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	178.3229	178.3229		0	0	0	2.01	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	184.0022	184.0022		0	0	0	3.08	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	19.55529	19.55529		25	0	0	0.147	1	0	78%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
--------	--------	-----------	------------	---------	---------------	----	----------	-----------	--------	--------	--------	--	--	--	--

15085581	CCV_0311VAR	HC-8015-GRO-	CCV		3/11/2022 9:35:2	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	166.4907	166.4907		168	0	0	2.01	20	0	99%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	200.1041	200.1041		200	0	0	3.08	20	0	100%	80	120	0%	
Trifluorotoluene	S	ug/L	21.67982	21.67982		25	0	0	0.147	1	0	87%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085582	LCS_0311VAR0	HC-8015-GRO-	LCS		3/11/2022 10:09:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	167.4336	167.4336		170	0	0	2.01	20	0	98%	78	122	0%	
Total Purgeable Hydrocarbons	A	ug/L	200.6789	200.6789		200	0	0	3.08	20	0	100%	70	130	0%	
Trifluorotoluene	S	ug/L	22.31092	22.31092		25	0	0	0.147	1	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					
15085583	MBLK_0311VA	HC-8015-GRO-	MBLK		3/11/2022 11:17:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	10	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	10	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	19.48869	19.48869		25	0	0	0.147	1	0	78%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085584	B22030502-016	HC-8015-GRO-	SAMP		3/11/2022 11:51:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	18.62073	18.62073		25	0	0	0.147	1	0	74%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085585	B22030502-006	HC-8015-GRO-	SAMP		3/11/2022 12:59:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.6176	19.6176		25	0	0	0.147	1	0	78%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085586	B22030502-021	HC-8015-GRO-	SAMP		3/11/2022 2:07:5	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085586	B22030502-021	HC-8015-GRO-	SAMP		3/11/2022 2:07:5	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	2.748016	2.748016		0	0	0	2.01	20	0	0%	0	0	0%	J
Total Purgeable Hydrocarbons	A	ug/L	4.940583	4.940583		0	0	0	3.08	20	0	0%	0	0	0%	J
Trifluorotoluene	S	ug/L	19.20965	19.20965		25	0	0	0.147	1	0	77%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085587	B22030502-003	HC-8015-GRO-	SAMP		3/11/2022 3:16:1	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	10.46288	10.46288		0	0	0	3.08	20	0	0%	0	0	0%	J
Trifluorotoluene	S	ug/L	19.41588	19.41588		25	0	0	0.147	1	0	78%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085588	B22030502-008	HC-8015-GRO-	SAMP		3/11/2022 3:50:1	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	2.159005	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	18.88533	18.88533		25	0	0	0.147	1	0	76%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085589	B22030502-013	HC-8015-GRO-	SAMP		3/11/2022 4:24:2	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	2.216343	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.5355	19.5355		25	0	0	0.147	1	0	78%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085590	B22030502-018	HC-8015-GRO-	SAMP		3/11/2022 4:58:3	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085590	B22030502-018	HC-8015-GRO-	SAMP		3/11/2022 4:58:3	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	2.477231	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.68819	19.68819		25	0	0	0.147	1	0	79%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085591	B22030502-023	HC-8015-GRO-	SAMP		3/11/2022 5:32:3	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	2.026135	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.52343	19.52343		25	0	0	0.147	1	0	78%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085592	B22030502-033	HC-8015-GRO-	SAMP		3/11/2022 6:06:4	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.34192	19.34192		25	0	0	0.147	1	0	77%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085593	B22030502-016	HC-8015-GRO-	MS		3/11/2022 7:15:3	1	R376037		2E+07	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	167.2367	167.2367		170	0	0	2.01	20	0	98%	78	122	0%	
Total Purgeable Hydrocarbons	A	ug/L	201.1618	201.1618		200	0	0	3.08	20	0	101%	70	130	0%	
Trifluorotoluene	S	ug/L	22.18417	22.18417		25	0	0	0.147	1	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					
15085594	B22030502-016	HC-8015-GRO-	MSD		3/11/2022 7:49:4	1	R376037		2E+07	2E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085594	B22030502-016	HC-8015-GRO-	MSD		3/11/2022 7:49:4	1	R376037		2E+07	2E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	167.2074	167.2074		170	0	167.2367	2.01	20	0	98%	78	122	0%	
Total Purgeable Hydrocarbons	A	ug/L	201.0807	201.0807		200	0	201.1618	3.08	20	0	101%	70	130	0%	
Trifluorotoluene	S	ug/L	22.03071	22.03071		25	0	0	0.147	1	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					
15085595	CCV_0311VAR	HC-8015-GRO-	SAMP		3/11/2022 8:24:0	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	179.182	179.182		0	0	0	2.01	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	185.0522	185.0522		0	0	0	3.08	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	19.74532	19.74532		25	0	0	0.147	1	0	79%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085596	CCV_0311VAR	HC-8015-GRO-	CCV		3/11/2022 8:58:2	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	180.6615	180.6615		168	0	0	2.01	20	0	108%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	217.6748	217.6748		200	0	0	3.08	20	0	109%	80	120	0%	
Trifluorotoluene	S	ug/L	22.5214	22.5214		25	0	0	0.147	1	0	90%	80	120	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085597	LCS_0311VAR2	HC-8015-GRO-	LCS		3/11/2022 9:32:4	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	164.066	164.066		170	0	0	2.01	20	0	97%	78	122	0%	
Total Purgeable Hydrocarbons	A	ug/L	195.5936	195.5936		200	0	0	3.08	20	0	98%	70	130	0%	
Trifluorotoluene	S	ug/L	22.04857	22.04857		25	0	0	0.147	1	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					
15085598	MBLK_0311VA	HC-8015-GRO-	MBLK		3/11/2022 10:41:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085598	MBLK_0311VA	HC-8015-GRO-	MBLK		3/11/2022 10:41:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	10	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	10	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	19.03331	19.03331		25	0	0	0.147	1	0	76%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085599	B22030502-001	HC-8015-GRO-	SAMP		3/11/2022 11:15:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	20	0	0%	0	0	0%	UT
Trifluorotoluene	S	ug/L	18.76661	18.76661		25	0	0	0.147	1	0	75%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085600	B22030502-011	HC-8015-GRO-	SAMP		3/12/2022 12:24:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.28009	19.28009		25	0	0	0.147	1	0	77%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085601	B22030502-031	HC-8015-GRO-	SAMP		3/12/2022 1:33:1	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.01617	19.01617		25	0	0	0.147	1	0	76%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085602	B22030703-001	HC-8015-GRO-	SAMP		3/12/2022 2:41:4	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085602	B22030703-001	HC-8015-GRO-	SAMP		3/12/2022 2:41:4	1	R376037			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.01766	19.01766		25	0	0	0.147	1	0	76%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085603	B22030703-006	HC-8015-GRO-	SAMP		3/12/2022 3:50:2	1	R376037			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	18.92484	18.92484		25	0	0	0.147	1	0	76%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085604	B22030703-011	HC-8015-GRO-	SAMP		3/12/2022 4:59:0	1	R376037			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.42665	19.42665		25	0	0	0.147	1	0	78%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085605	B22030703-016	HC-8015-GRO-	SAMP		3/12/2022 6:07:4	1	R376037			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	UT
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	18.75099	18.75099		25	0	0	0.147	1	0	75%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085606	B22030703-003	HC-8015-GRO-	SAMP		3/12/2022 7:16:2	1	R376037			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085606	B22030703-003	HC-8015-GRO-	SAMP		3/12/2022 7:16:2	1	R376037			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	2.457562	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.0618	19.0618		25	0	0	0.147	1	0	76%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085607	CCV_0311VAR	HC-8015-GRO-	SAMP		3/12/2022 7:50:4	1	R376037			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	157.9055	157.9055		0	0	0	2.01	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	163.0706	163.0706		0	0	0	3.08	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	17.93219	17.93219		25	0	0	0.147	1	0	72%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085608	CCV_0311VAR	HC-8015-GRO-	CCV		3/12/2022 8:24:5	1	R376037			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	168.4934	168.4934		168	0	0	2.01	20	0	100%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	202.3191	202.3191		200	0	0	3.08	20	0	101%	80	120	0%	
Trifluorotoluene	S	ug/L	22.06505	22.06505		25	0	0	0.147	1	0	88%	80	120	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085609	LCS_0311VAR4	HC-8015-GRO-	LCS		3/12/2022 8:59:0	1	R376037			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	158.8575	158.8575		170	0	0	2.01	20	0	93%	78	122	0%	
Total Purgeable Hydrocarbons	A	ug/L	189.5782	189.5782		200	0	0	3.08	20	0	95%	70	130	0%	
Trifluorotoluene	S	ug/L	21.80538	21.80538		25	0	0	0.147	1	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					
15085610	MBLK_0311VA	HC-8015-GRO-	MBLK		3/12/2022 10:07:	1	R376037			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085610	MBLK_0311VA	HC-8015-GRO-	MBLK		3/12/2022 10:07:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	10	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	10	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	19.20131	19.20131		25	0	0	0.147	1	0	77%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085611	B22030703-021	HC-8015-GRO-	SAMP		3/12/2022 10:41:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	18.89164	18.89164		25	0	0	0.147	1	0	76%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085612	B22030502-004	HC-8015-GRO-	SAMP		3/12/2022 11:50:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	2.989699	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	18.70387	18.70387		25	0	0	0.147	1	0	75%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085613	B22030703-008	HC-8015-GRO-	SAMP		3/12/2022 12:24:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	2.070033	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.34575	19.34575		25	0	0	0.147	1	0	77%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085614	B22030703-013	HC-8015-GRO-	SAMP		3/12/2022 12:58:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085614	B22030703-013	HC-8015-GRO-	SAMP		3/12/2022 12:58:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	2.336603	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.47257	19.47257		25	0	0	0.147	1	0	78%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085615	B22030703-018	HC-8015-GRO-	SAMP		3/12/2022 1:33:2	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	2.198949	2.198949		0	0	0	2.01	20	0	0%	0	0	0%	J
Total Purgeable Hydrocarbons	A	ug/L	2.999459	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.16071	19.16071		25	0	0	0.147	1	0	77%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085616	B22030703-023	HC-8015-GRO-	SAMP		3/12/2022 2:07:4	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.48867	19.48867		25	0	0	0.147	1	0	78%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085617	B22030703-028	HC-8015-GRO-	SAMP		3/12/2022 2:41:5	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	2.651989	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.14571	19.14571		25	0	0	0.147	1	0	77%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085618	B22030703-033	HC-8015-GRO-	SAMP		3/12/2022 3:16:1	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085618	B22030703-033	HC-8015-GRO-	SAMP		3/12/2022 3:16:1	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	2.404014	2.404014		0	0	0	2.01	20	0	0%	0	0	0%	J
Total Purgeable Hydrocarbons	A	ug/L	3.56813	3.56813		0	0	0	3.08	20	0	0%	0	0	0%	J
Trifluorotoluene	S	ug/L	18.76623	18.76623		25	0	0	0.147	1	0	75%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085619	B22030703-038	HC-8015-GRO-	SAMP		3/12/2022 3:50:3	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	2.115099	2.115099		0	0	0	2.01	20	0	0%	0	0	0%	J
Total Purgeable Hydrocarbons	A	ug/L	3.518889	3.518889		0	0	0	3.08	20	0	0%	0	0	0%	J
Trifluorotoluene	S	ug/L	18.69141	18.69141		25	0	0	0.147	1	0	75%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085620	B22030703-044	HC-8015-GRO-	SAMP		3/12/2022 4:24:4	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	3.043206	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	18.76694	18.76694		25	0	0	0.147	1	0	75%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085621	B22030703-021	HC-8015-GRO-	MS		3/12/2022 5:33:1	1	R376037		2E+07	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	164.2301	164.2301		170	0	0	2.01	20	0	97%	78	122	0%	
Total Purgeable Hydrocarbons	A	ug/L	197.2704	197.2704		200	0	0	3.08	20	0	99%	70	130	0%	
Trifluorotoluene	S	ug/L	21.44379	21.44379		25	0	0	0.147	1	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					
15085622	B22030703-021	HC-8015-GRO-	MSD		3/12/2022 6:07:4	1	R376037		2E+07	2E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085622	B22030703-021	HC-8015-GRO-	MSD		3/12/2022 6:07:4	1	R376037		2E+07	2E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	168.0969	168.0969		170	0	164.2301	2.01	20	0	99%	78	122	2%	
Total Purgeable Hydrocarbons	A	ug/L	202.34	202.34		200	0	197.2704	3.08	20	0	101%	70	130	3%	
Trifluorotoluene	S	ug/L	21.75434	21.75434		25	0	0	0.147	1	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					
15085623	CCV_0311VAR	HC-8015-GRO-	SAMP		3/12/2022 7:16:3	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	185.7669	185.7669		0	0	0	2.01	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	191.8778	191.8778		0	0	0	3.08	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	18.89995	18.89995		25	0	0	0.147	1	0	76%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085624	CCV_0311VAR	HC-8015-GRO-	CCV		3/12/2022 7:50:5	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	182.9932	182.9932		168	0	0	2.01	20	0	109%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	219.8817	219.8817		200	0	0	3.08	20	0	110%	80	120	0%	
Trifluorotoluene	S	ug/L	21.89685	21.89685		25	0	0	0.147	1	0	88%	80	120	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085625	LCS_0311VAR6	HC-8015-GRO-	LCS		3/12/2022 8:25:1	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	166.613	166.613		170	0	0	2.01	20	0	98%	78	122	0%	
Total Purgeable Hydrocarbons	A	ug/L	198.2961	198.2961		200	0	0	3.08	20	0	99%	70	130	0%	
Trifluorotoluene	S	ug/L	21.33184	21.33184		25	0	0	0.147	1	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					
15085626	MBLK_0311VA	HC-8015-GRO-	MBLK		3/12/2022 9:33:3	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085626	MBLK_0311VA	HC-8015-GRO-	MBLK		3/12/2022 9:33:3	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	10	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	10	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	19.07566	19.07566		25	0	0	0.147	1	0	76%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085627	B22030703-049	HC-8015-GRO-	SAMP		3/12/2022 10:07:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	3.157559	3.157559		0	0	0	3.08	20	0	0%	0	0	0%	J
Trifluorotoluene	S	ug/L	17.785	17.785		25	0	0	0.147	1	0	71%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085628	B22030703-026	HC-8015-GRO-	SAMP		3/12/2022 10:42:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	18.43445	18.43445		25	0	0	0.147	1	0	74%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085629	B22030703-031	HC-8015-GRO-	SAMP		3/12/2022 11:50:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	38.0769	38.0769		0	0	0	2.01	20	0	0%	0	0	0%	T
Total Purgeable Hydrocarbons	A	ug/L	794.3543	794.3543		0	0	0	3.08	20	0	0%	0	0	0%	T
Trifluorotoluene	S	ug/L	19.13057	19.13057		25	0	0	0.147	1	0	77%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085630	B22030703-036	HC-8015-GRO-	SAMP		3/13/2022 12:58:	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085630	B22030703-036	HC-8015-GRO-	SAMP		3/13/2022 12:58:	1	R376037			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	UT
Total Purgeable Hydrocarbons	A	ug/L	3.387895	3.387895		0	0	0	3.08	20	0	0%	0	0	0%	JT
Trifluorotoluene	S	ug/L	18.54519	18.54519		25	0	0	0.147	1	0	74%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085631	B22030703-041	HC-8015-GRO-	SAMP		3/13/2022 3:07:1	1	R376037			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	3.394227	3.394227		0	0	0	2.01	20	0	0%	0	0	0%	J
Total Purgeable Hydrocarbons	A	ug/L	51.32093	51.32093		0	0	0	3.08	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	18.58246	18.58246		25	0	0	0.147	1	0	74%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085632	B22030703-042	HC-8015-GRO-	SAMP		3/13/2022 4:15:2	1	R376037			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	3.415103	3.415103		0	0	0	2.01	20	0	0%	0	0	0%	J
Total Purgeable Hydrocarbons	A	ug/L	50.72533	50.72533		0	0	0	3.08	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	18.70126	18.70126		25	0	0	0.147	1	0	75%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085633	B22030703-047	HC-8015-GRO-	SAMP		3/13/2022 5:23:4	1	R376037			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.01	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.08	20	0	0%	0	0	0%	UT
Trifluorotoluene	S	ug/L	18.62241	18.62241		25	0	0	0.147	1	0	74%	70	130	0%	
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085634	CCV_0311VAR	HC-8015-GRO-	SAMP		3/13/2022 6:32:0	1	R376037			0	0					
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085634	CCV_0311VAR	HC-8015-GRO-	SAMP		3/13/2022 6:32:0	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	175.6301	175.6301		0	0	0	2.01	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	181.2035	181.2035		0	0	0	3.08	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	18.53646	18.53646		25	0	0	0.147	1	0	74%	70	130	0%	

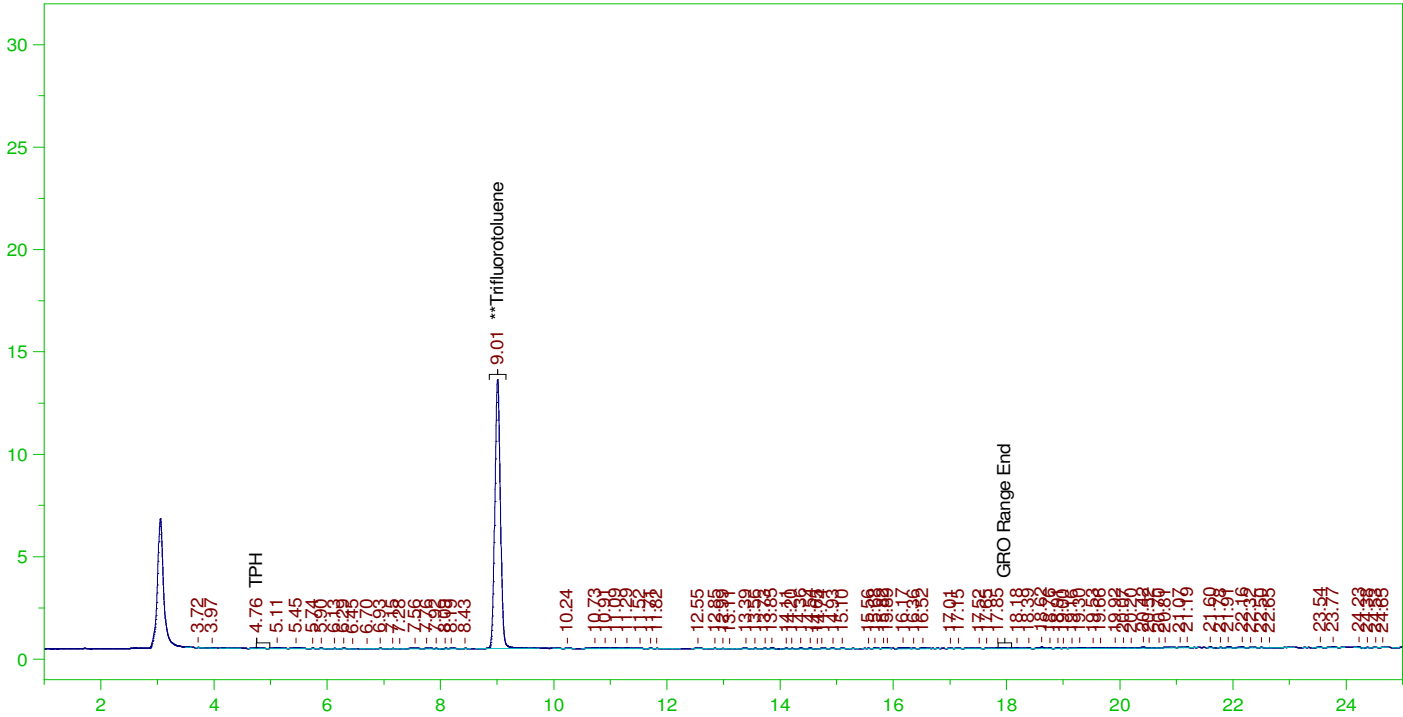
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15085635	CCV_0311VAR	HC-8015-GRO-	CCV		3/13/2022 7:06:1	1	R376037		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	171.203	171.203		168	0	0	2.01	20	0	102%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	206.6148	206.6148		200	0	0	3.08	20	0	103%	80	120	0%	
Trifluorotoluene	S	ug/L	21.38827	21.38827		25	0	0	0.147	1	0	86%	80	120	0%	

Data File	Write Sequence	Sample Name	Insert Entries(Have the first cell for entries selector)	Method	Weight	Dil Factor	Amt Inj.	IS	Cal ID
G:\Org\VAR\DAT\VAR031122_b0311VAR.01r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.02r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.03r		CCV_0311VAR03r, GQC ;0311VAR ,		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.04r		CCV_0311VAR04r, GQC ;0311VAR ,		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.05r		LCS_0311VAR05r, GQC ;0311VAR ,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.06r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.07r		MBLK_0311VAR07r, QC ;0311VAR ,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.08r		B22030502-016F ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.09r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.10r		B22030502-006F ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.11r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.12r		B22030502-021F ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.13r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.14r		B22030502-003A ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.15r		B22030502-008A ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.16r		B22030502-013A ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.17r		B22030502-018A ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.18r		B22030502-023A ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.19r		B22030502-033A ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.20r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.21r		B22030502-016FMS, GQC ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.22r		B22030502-016FMSD, GQC ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.23r		CCV_0311VAR23r, GQC ;0311VAR ,		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.24r		CCV_0311VAR24r, GQC ;0311VAR ,		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.25r		LCS_0311VAR25r, GQC ;0311VAR ,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.26r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.27r		MBLK_0311VAR27r, QC ;0311VAR ,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.28r		B22030502-001F ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.29r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.30r		B22030502-011F ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.31r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.32r		B22030502-031F ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.33r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.34r		B22030703-001F ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.35r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.36r		B22030703-006F ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.37r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.38r		B22030703-011F ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.39r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.40r		B22030703-016F ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.41r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.42r		B22030703-003A ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.43r		CCV_0311VAR43r, GQC ;0311VAR ,		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.44r		CCV_0311VAR44r, GQC ;0311VAR ,		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.45r		LCS_0311VAR45r, GQC ;0311VAR ,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.46r		BLANK		G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.47r		MBLK_0311VAR47r, QC ;0311VAR ,		G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b0311VAR.48r		B22030703-021F ;0311VAR , \$HC-8015-GRO-W,		G:\Org\VAR\Methods\21120	5	1	1	1	0

G:\Org\VAR\DAT\VAR031122_b\0311VAR.49r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.50r	B22030502-004A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.51r	B22030703-008A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.52r	B22030703-013A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.53r	B22030703-018A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.54r	B22030703-023A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.55r	B22030703-028A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.56r	B22030703-033A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.57r	B22030703-038A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.58r	B22030703-044A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.59r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.60r	B22030703-021FMS, GQC ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.61r	B22030703-021FMSD, GQC ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.62r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.63r	CCV_0311VAR63r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.64r	CCV_0311VAR64r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.65r	LCS_0311VAR65r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.66r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.67r	MBLK_0311VAR67r, QC ;0311VAR ,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.68r	B22030703-049A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.69r	B22030703-026F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.70r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.71r	B22030703-031F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.72r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.73r	B22030703-036F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.74r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.75r	B22030703-041F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.76r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.77r	B22030703-042C ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.78r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.79r	B22030703-047F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.80r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.81r	CCV_0311VAR81r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.82r	CCV_0311VAR82r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0
G:\Org\VAR\DAT\VAR031122_b\0311VAR.83r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0001.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0001.RAW  
 Date & Time Acquired: 3/11/2022 7:53:22 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

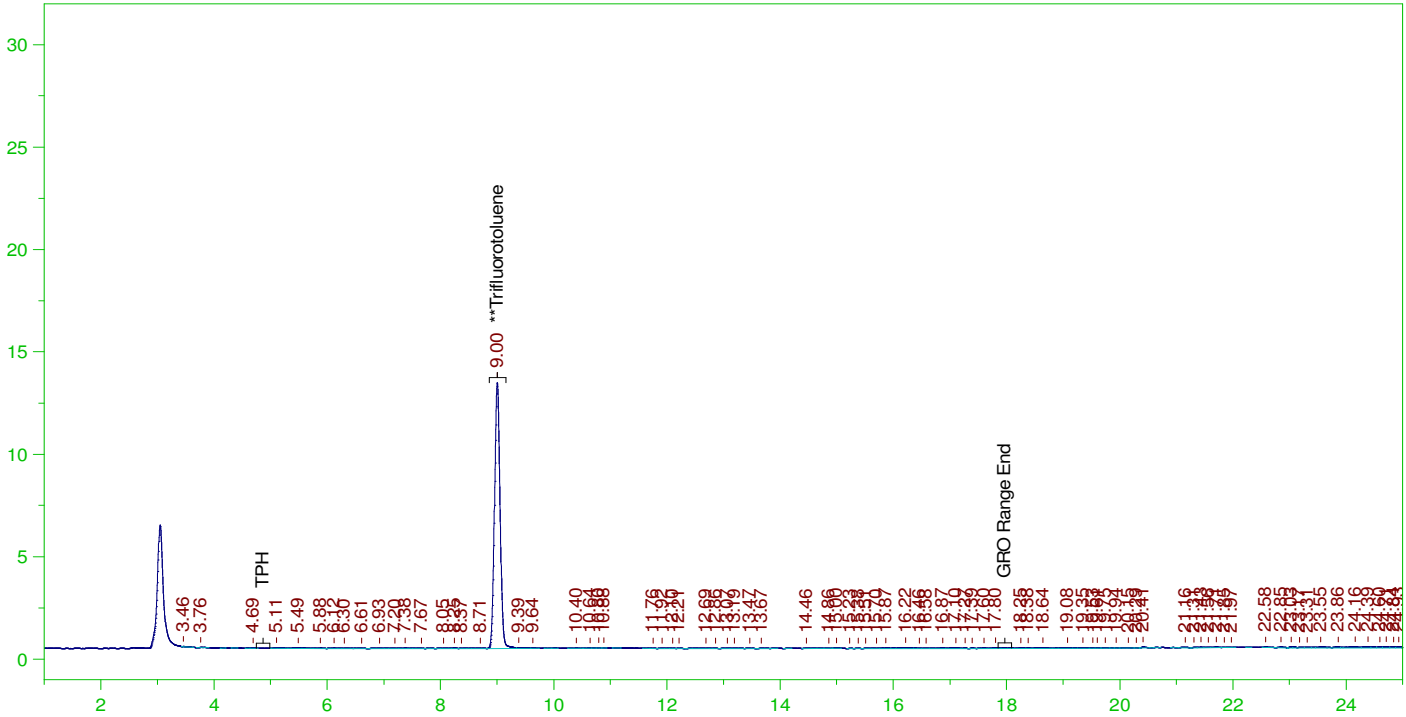
Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.01	125.	97.676	78.14

C6 to C10 Area:8247.542 C6 to C10 Amount: 8.416041  
 TPH Area:14243.65 TPH Amount: 14.90429

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0002.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0002.RAW  
 Date & Time Acquired: 3/11/2022 8:27:23 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

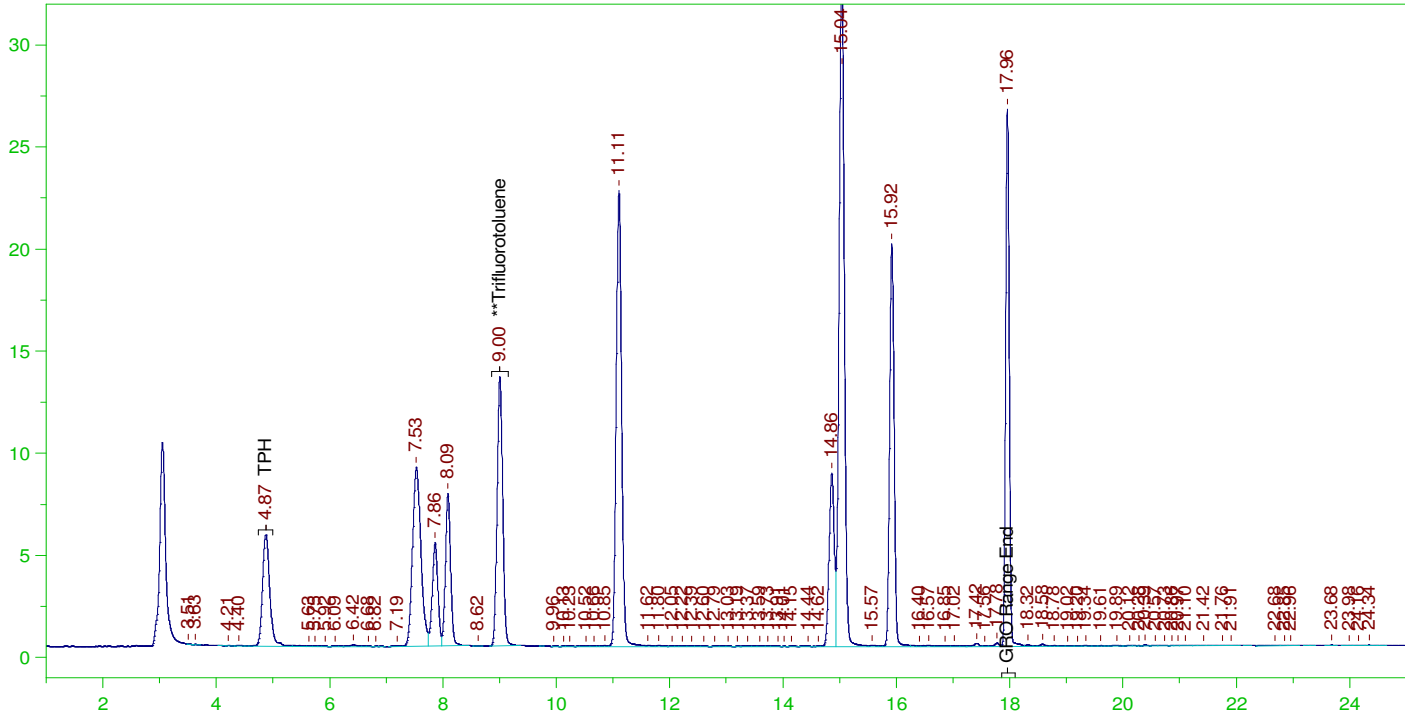
Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.004	125.	96.457	77.17	-

C6 to C10 Area: 7823.134 C6 to C10 Amount: 7.982963  
 TPH Area: 15771.95 TPH Amount: 16.50347

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0003.RAW

CCV\_0311VAR03r, GQC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_0311VAR03r, GQC ;0311VAR ,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0003.RAW  
Date & Time Acquired: 3/11/2022 9:01:23 AM  
Method File: G:\Org\VAR\Methods\211208GRO\_DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.004	90526	125.	97.776	78.22

C6 to C10 Area:873763.4 C6 to C10 Amount: 891.6146  
TPH Area:879231.3 TPH Amount: 920.0111

CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0003.RAW

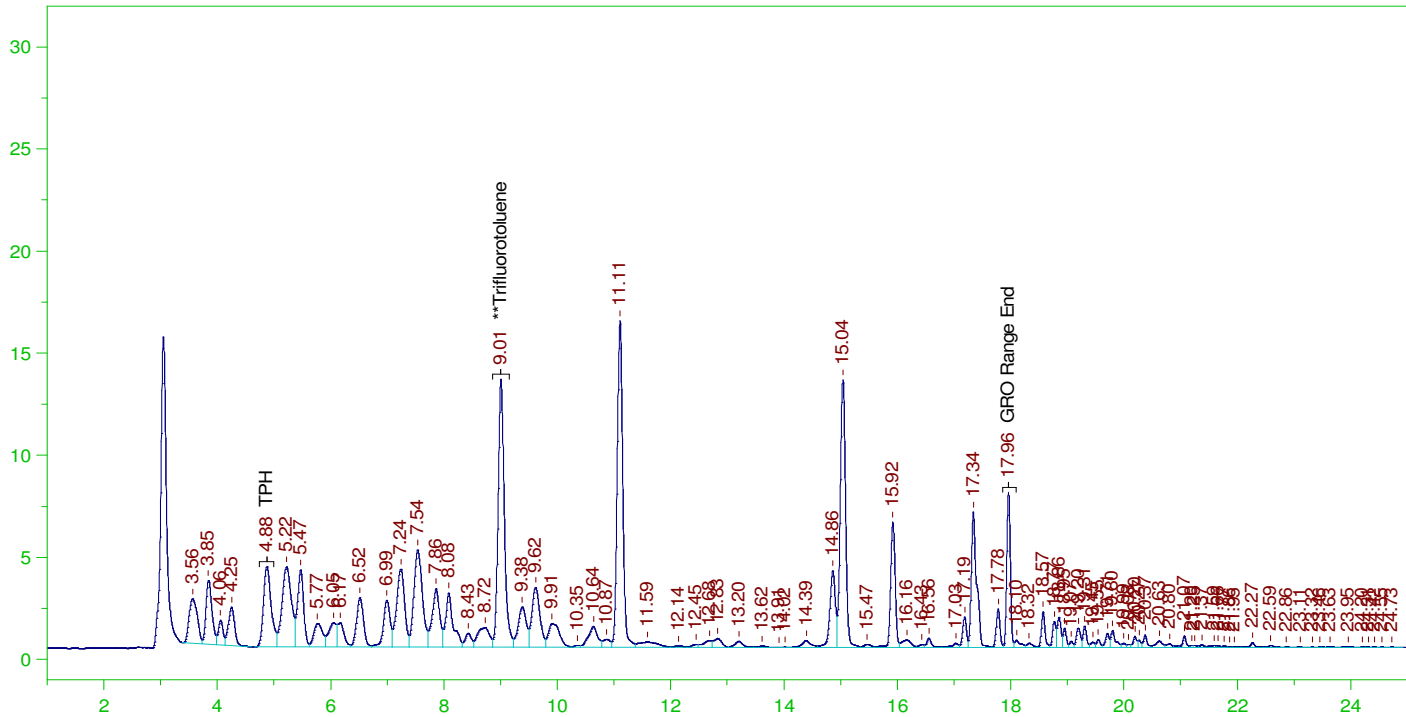
COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
C6 to C10	840.	891.61	106.14	85-115
TPH	1000.	920.01	92.	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.004	125.	97.776	78.22	85-115



G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0004.RAW

CCV\_0311VAR04r, GQC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_0311VAR04r, GQC ;0311VAR ,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0004.RAW  
Date & Time Acquired: 3/11/2022 9:35:23 AM  
Method File: G:\Org\VAR\Methods\211208GCCV0311\_04DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.006	100361	125.	108.399	86.72

C6 to C10 Area:815786.7 C6 to C10 Amount: 832.4534  
TPH Area:956171.9 TPH Amount: 1000.52

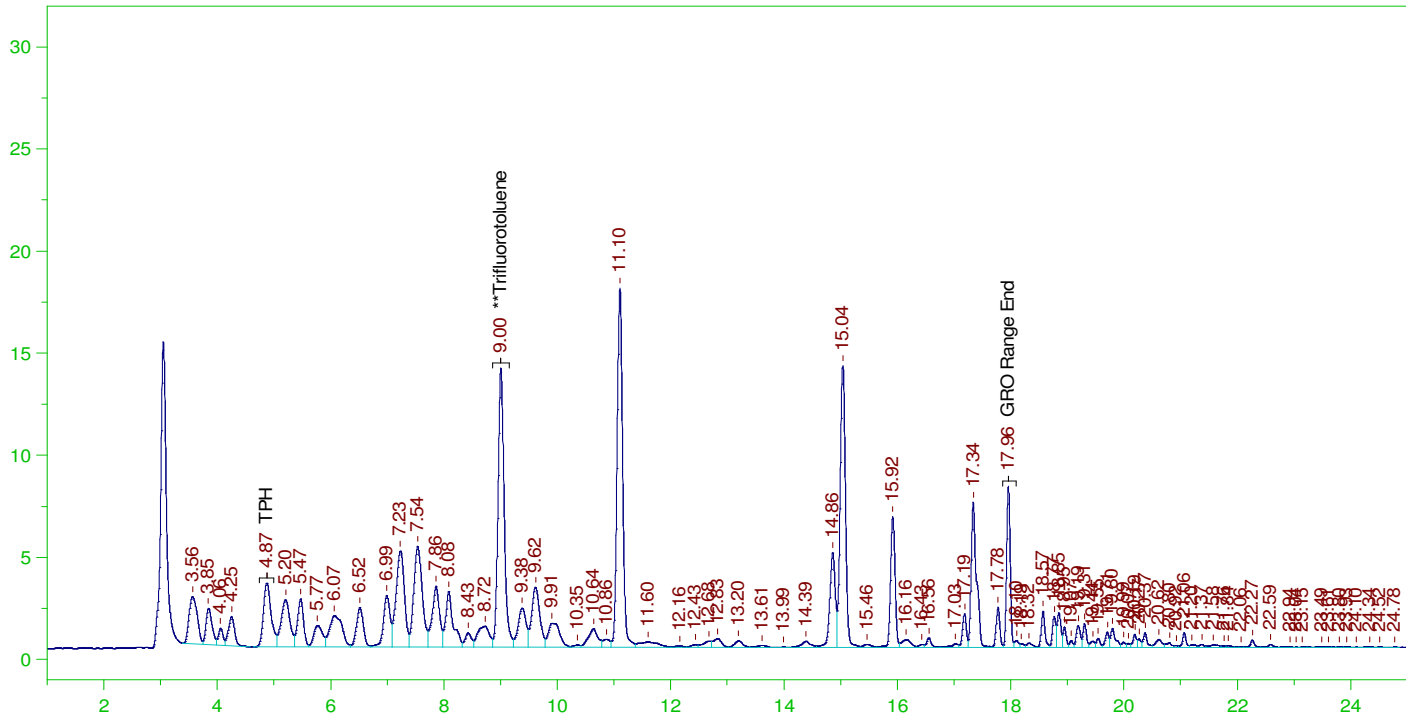
CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0004.RAW

COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
C6 to C10	840.	832.45	99.1	85-115
TPH	1000.	1000.52	100.05	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.006	125.	108.399	86.72	85-115

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0005.RAW

LCS\_0311VAR05r, GQC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: LCS\_0311VAR05r, GQC ;0311VAR ,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0005.RAW  
Date & Time Acquired: 3/11/2022 10:09:23 AM  
Method File: G:\Org\VAR\Methods\211208GLCS0311\_05DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

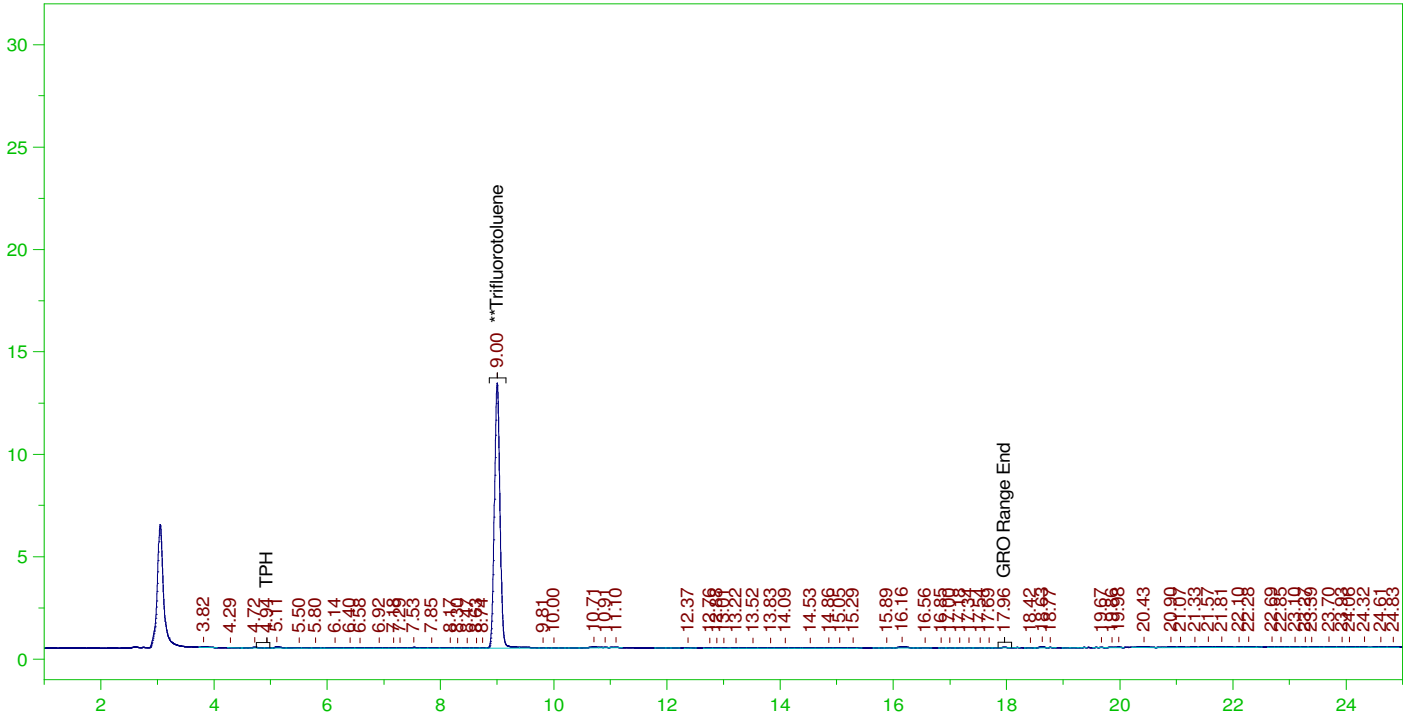
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.004	103283	25.	22.311	89.24	-

C6 to C10 Area:820407.1 C6 to C10 Amount: 167.4336  
TPH Area:958918.6 TPH Amount: 200.6789

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0006.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0006.RAW  
 Date & Time Acquired: 3/11/2022 10:43:25 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

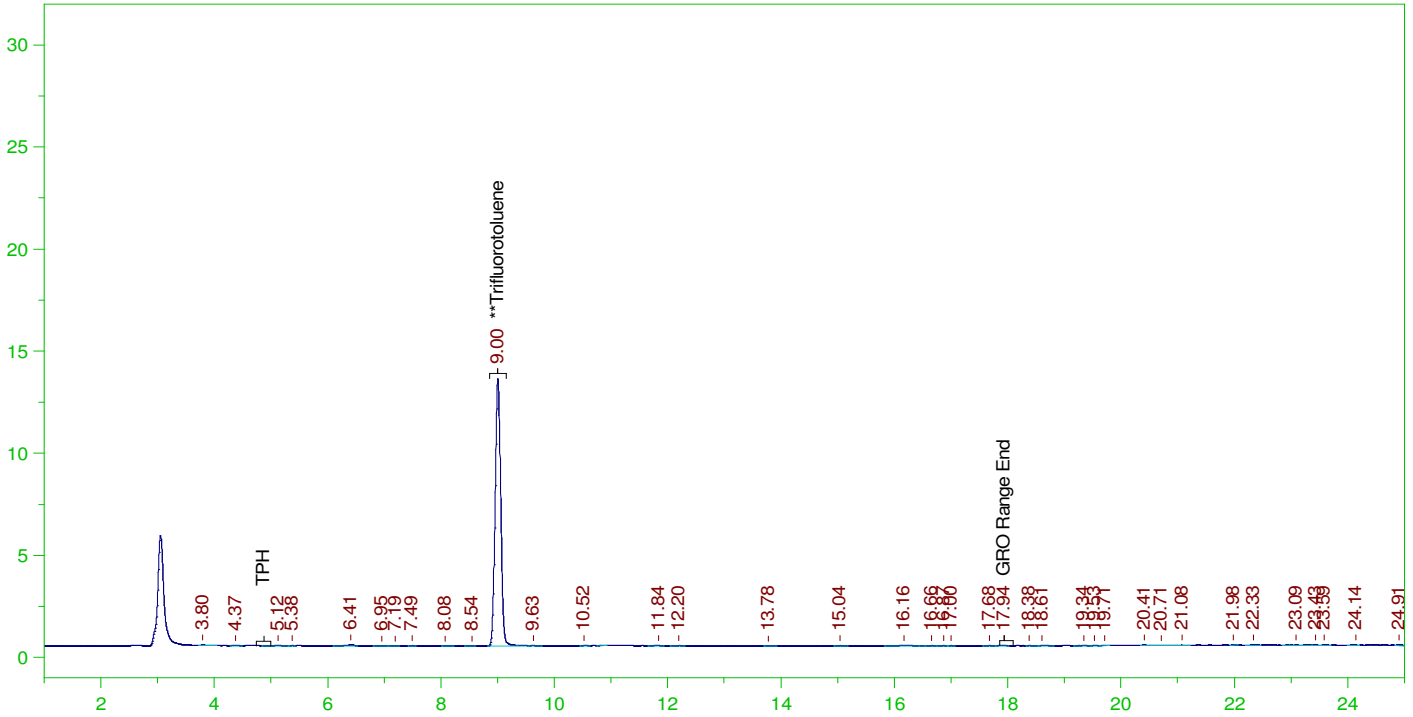
Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.002	125.	96.332	77.07

C6 to C10 Area: 7176.314 C6 to C10 Amount: 7.322928  
 TPH Area: 12424.18 TPH Amount: 13.00043

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0007.RAW

MBLK\_0311VAR07r, QC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: MBLK\_0311VAR07r, QC ;0311VAR ,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0007.RAW  
Date & Time Acquired: 3/11/2022 11:17:28 AM  
Method File: G:\Org\VAR\Methods\211208GMB0311\_07DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

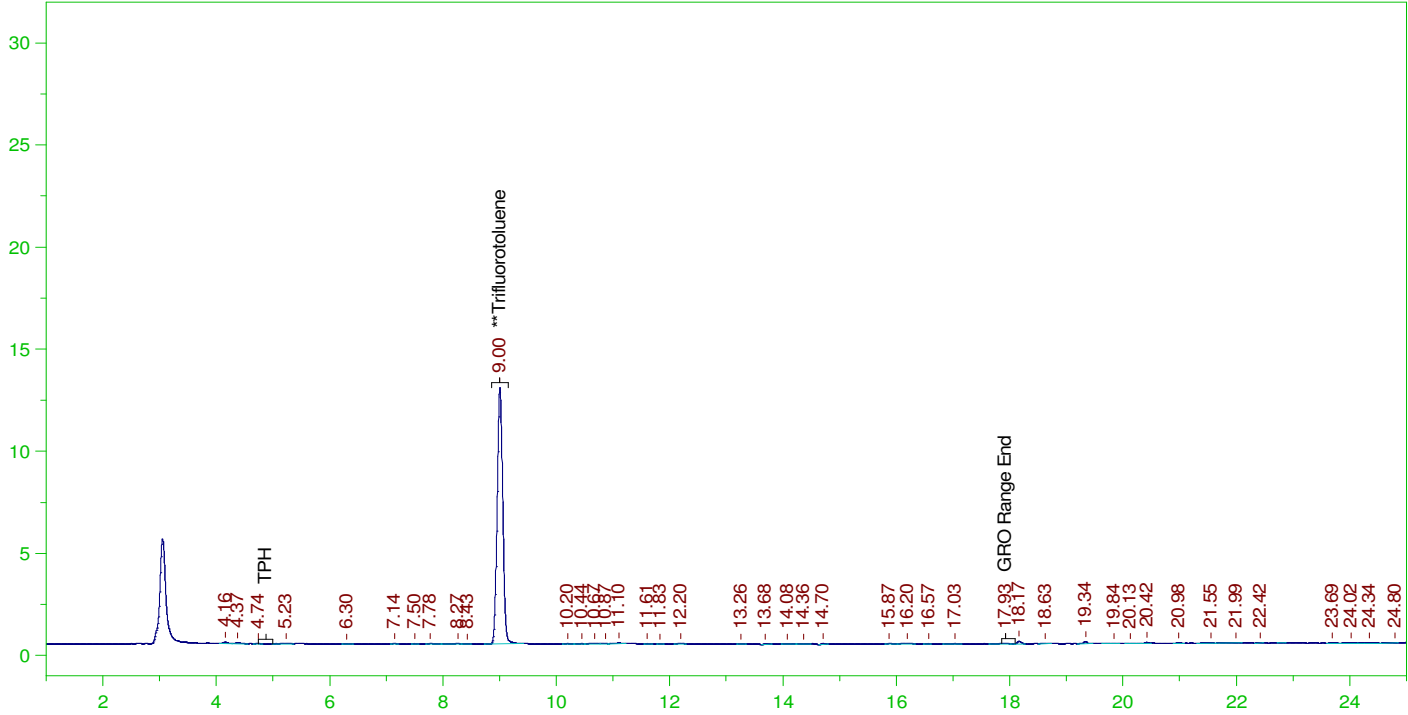
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.004	90218	25.	19.489	77.95	-

C6 to C10 Area:3909.256 C6 to C10 Amount: 0.7978246  
TPH Area:6476.011 TPH Amount: 1.355275

ERH2586 (RHMW-09)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0008.RAW

B22030502-016F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030502-016F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0008.RAW  
Date & Time Acquired: 3/11/2022 11:51:32 AM  
Method File: G:\Org\VAR\Methods\211208G502-16DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

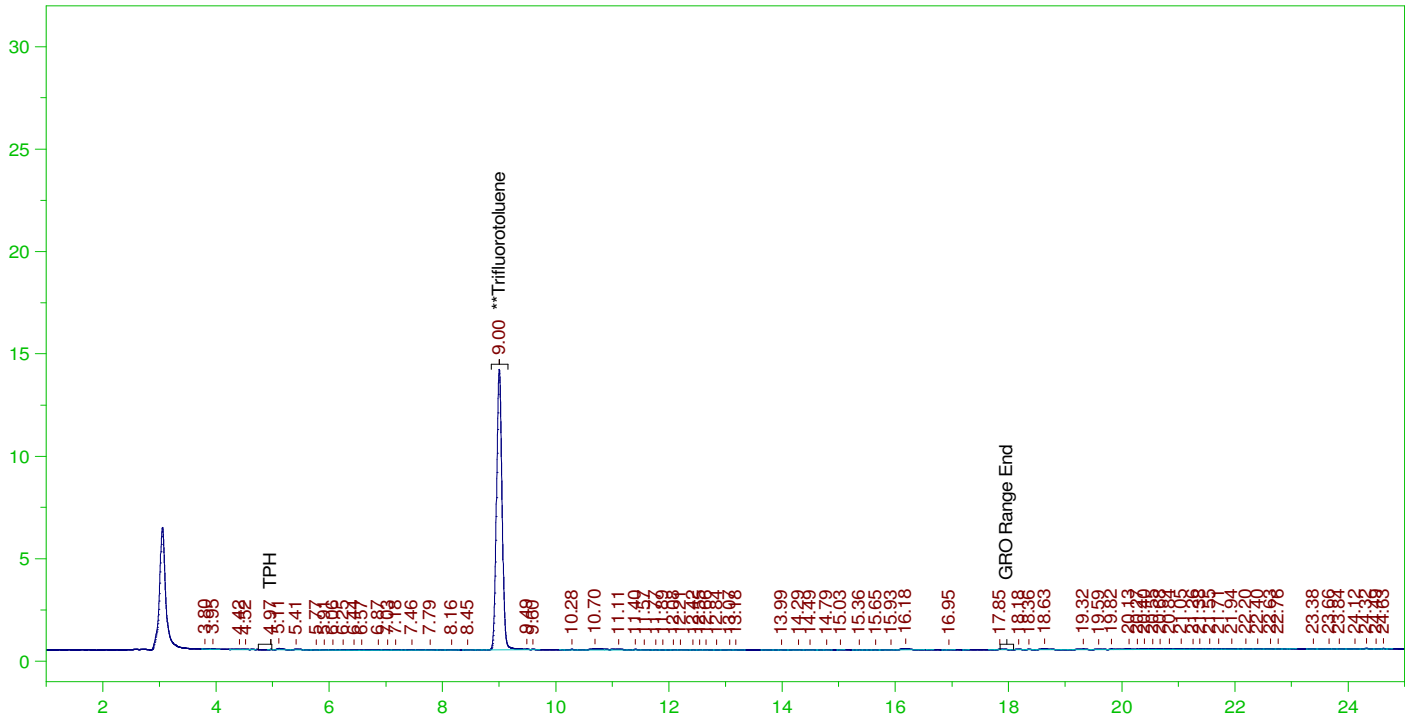
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.005	86200	25.	18.621	74.48

C6 to C10 Area:3987.286 C6 to C10 Amount: 0.8137494  
TPH Area:8386.403 TPH Amount: 1.755075

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0009.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0009.RAW  
 Date & Time Acquired: 3/11/2022 12:25:38 PM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

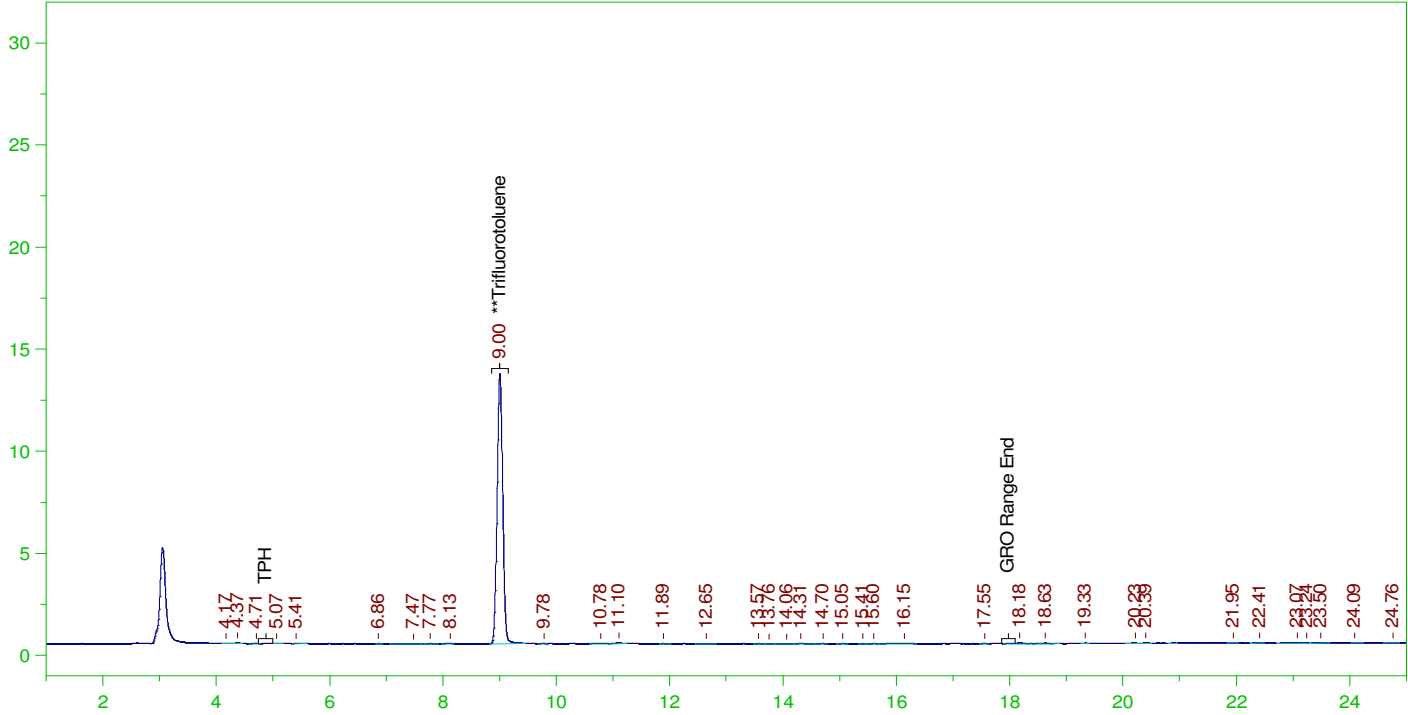
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.003	125.	101.76	81.41

C6 to C10 Area: 7730.222 C6 to C10 Amount: 7.888152  
 TPH Area: 12943.7 TPH Amount: 13.54404

ERH2594 (RHMW15-5)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0010.RAW

B22030502-006F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030502-006F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0010.RAW  
Date & Time Acquired: 3/11/2022 12:59:44 PM  
Method File: G:\Org\VAR\Methods\211208G502-6DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

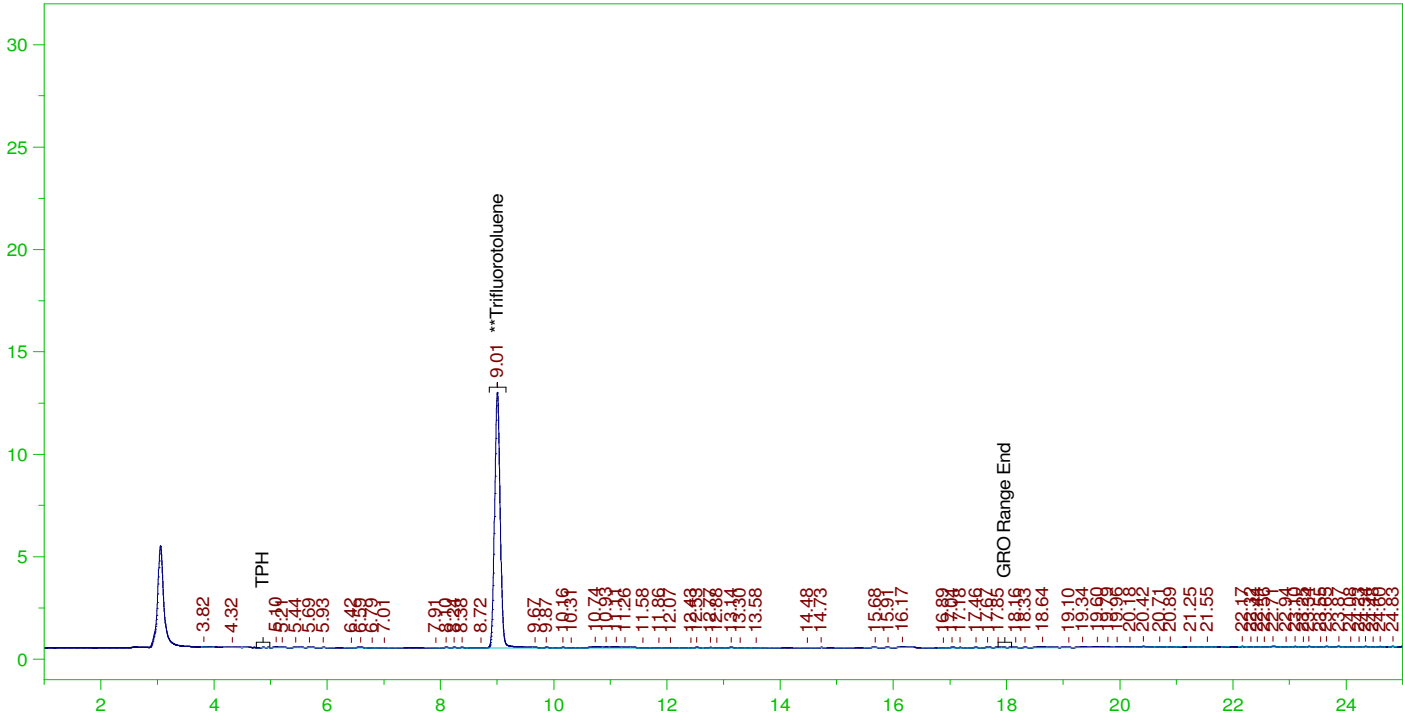
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.004	90815	25.	19.618	78.47

C6 to C10 Area:3692.103 C6 to C10 Amount: 0.7535067  
TPH Area:6555.058 TPH Amount: 1.371818

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0011.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0011.RAW  
 Date & Time Acquired: 3/11/2022 1:33:50 PM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.006	125.	93.799	75.04

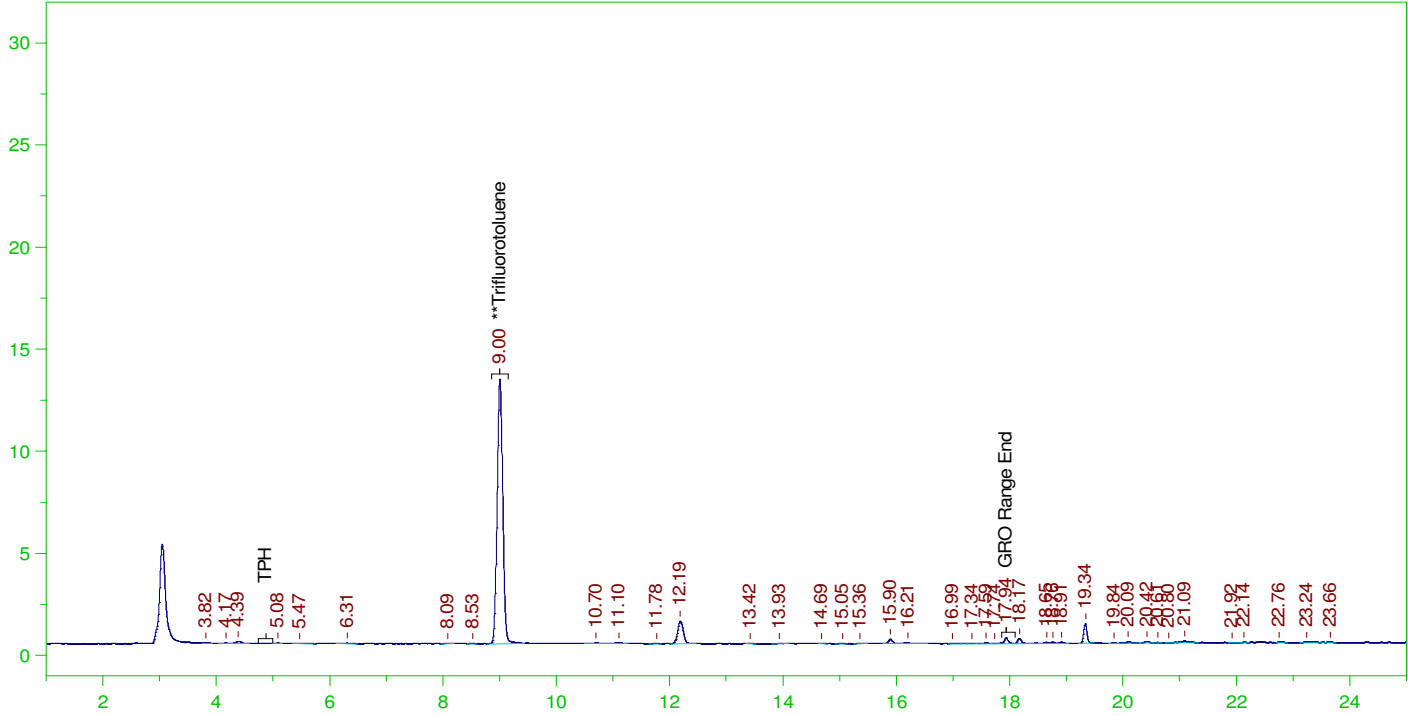
C6 to C10 Area: 7787.16 C6 to C10 Amount: 7.946253  
 TPH Area: 12826.39 TPH Amount: 13.42129



ERH2627 (RHMW10)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0012.RAW

B22030502-021F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030502-021F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0012.RAW  
Date & Time Acquired: 3/11/2022 2:07:57 PM  
Method File: G:\Org\VAR\Methods\211208G502-21DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

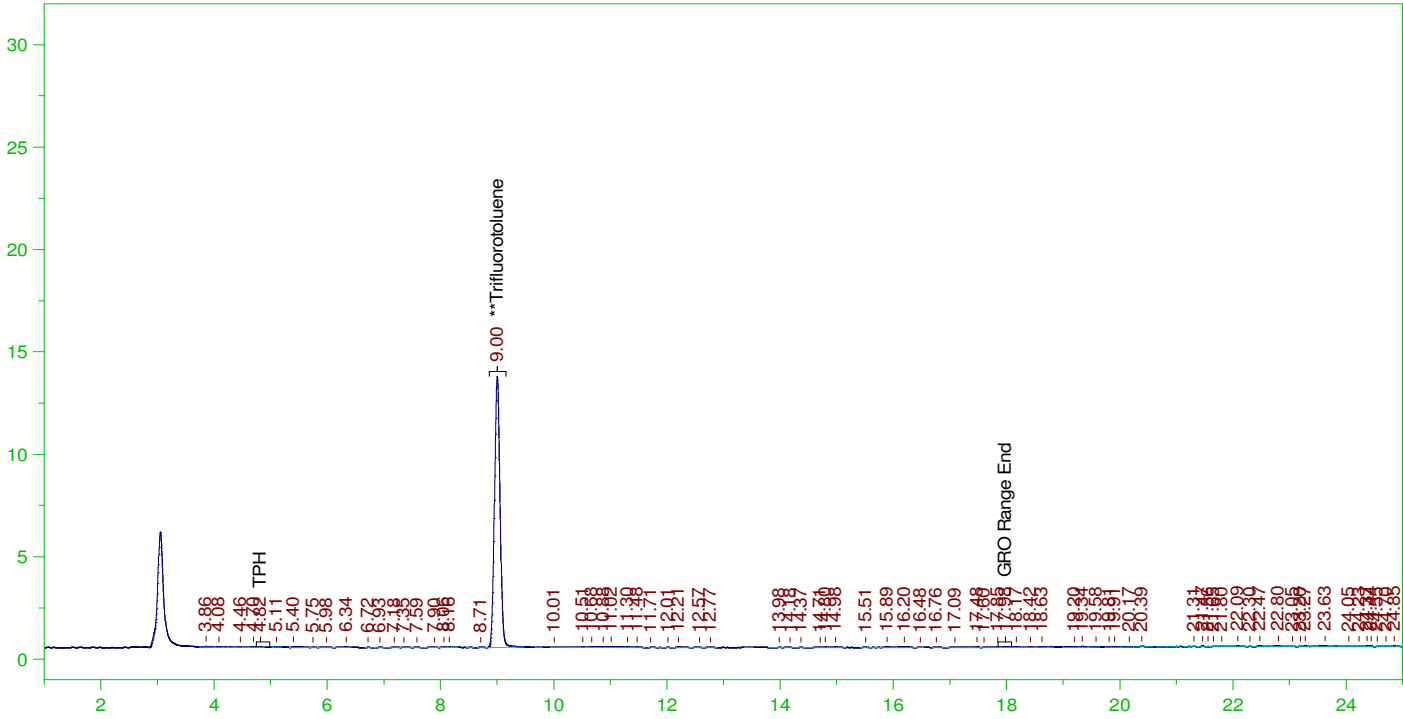
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.005	88926	25.	19.21	76.84

C6 to C10 Area:13464.99 C6 to C10 Amount: 2.748016  
TPH Area:23607.95 TPH Amount: 4.940583

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0013.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0013.RAW  
 Date & Time Acquired: 3/11/2022 2:42:03 PM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

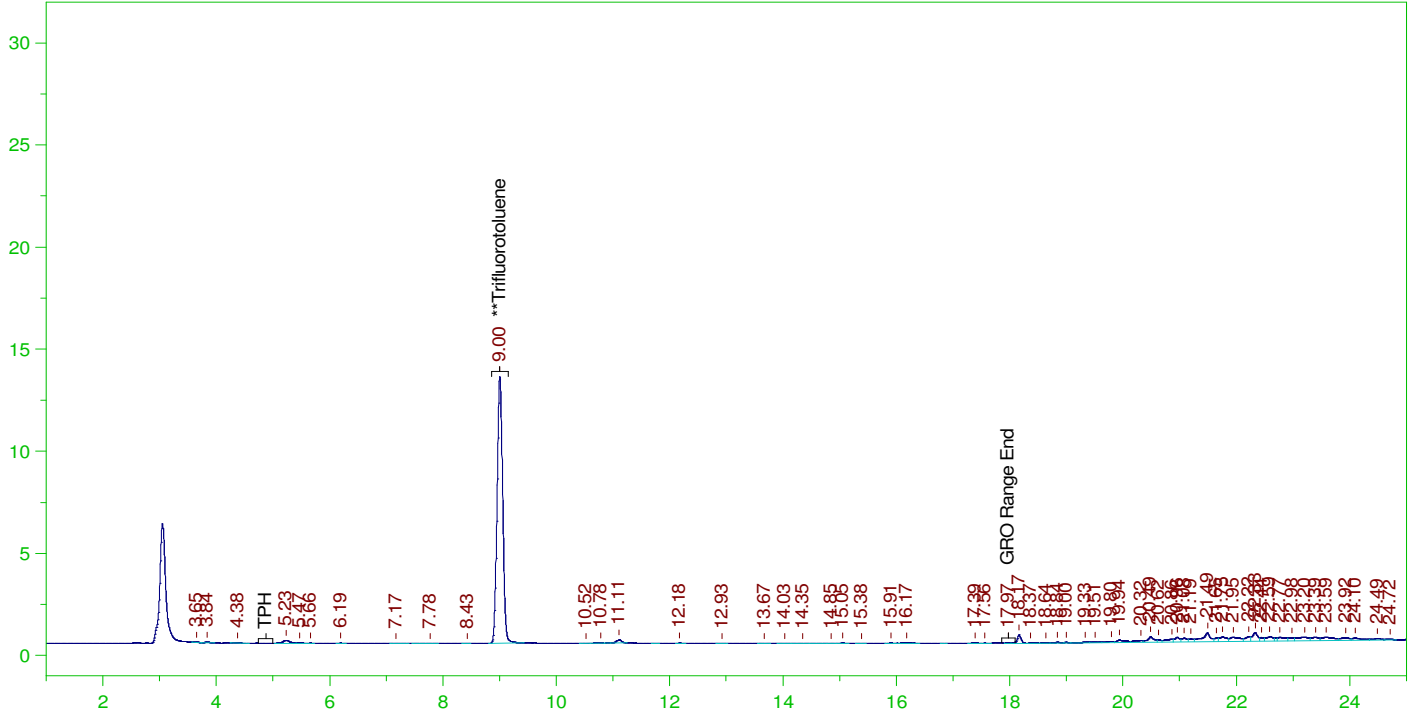
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.003	125.	98.405	78.72

C6 to C10 Area:6215.517 C6 to C10 Amount: 6.342501  
 TPH Area:12657.27 TPH Amount: 13.24433

ERH2615 (Trip Blank)-14833

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0014.RAW

B22030502-003A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030502-003A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0014.RAW  
Date & Time Acquired: 3/11/2022 3:16:10 PM  
Method File: G:\Org\VAR\Methods\211208G502-3DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

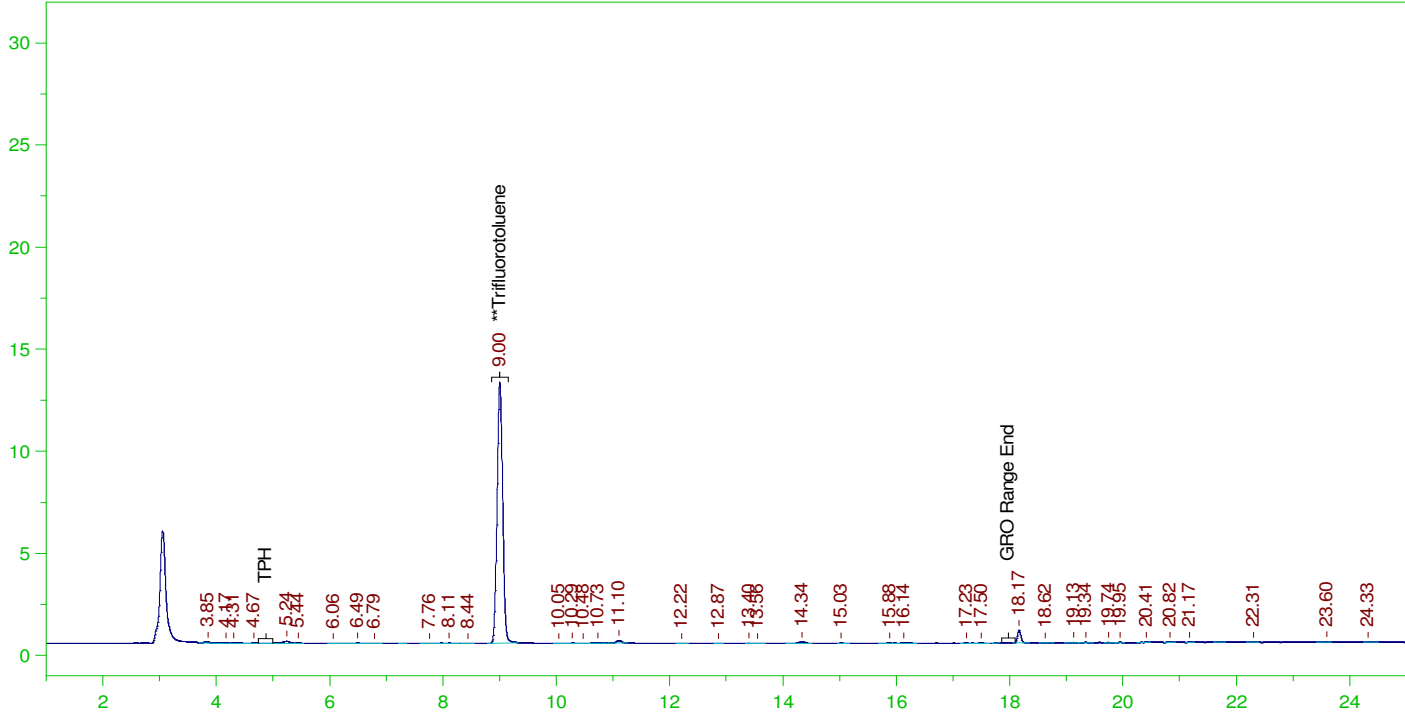
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.003	89881	25.	19.416	77.66

C6 to C10 Area:5351.442 C6 to C10 Amount: 1.092155  
TPH Area:49995.57 TPH Amount: 10.46288

ERH2593 (Trip Blank)-14733

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0015.RAW

B22030502-008A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030502-008A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0015.RAW  
Date & Time Acquired: 3/11/2022 3:50:16 PM  
Method File: G:\Org\VAR\Methods\211208G502-8DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

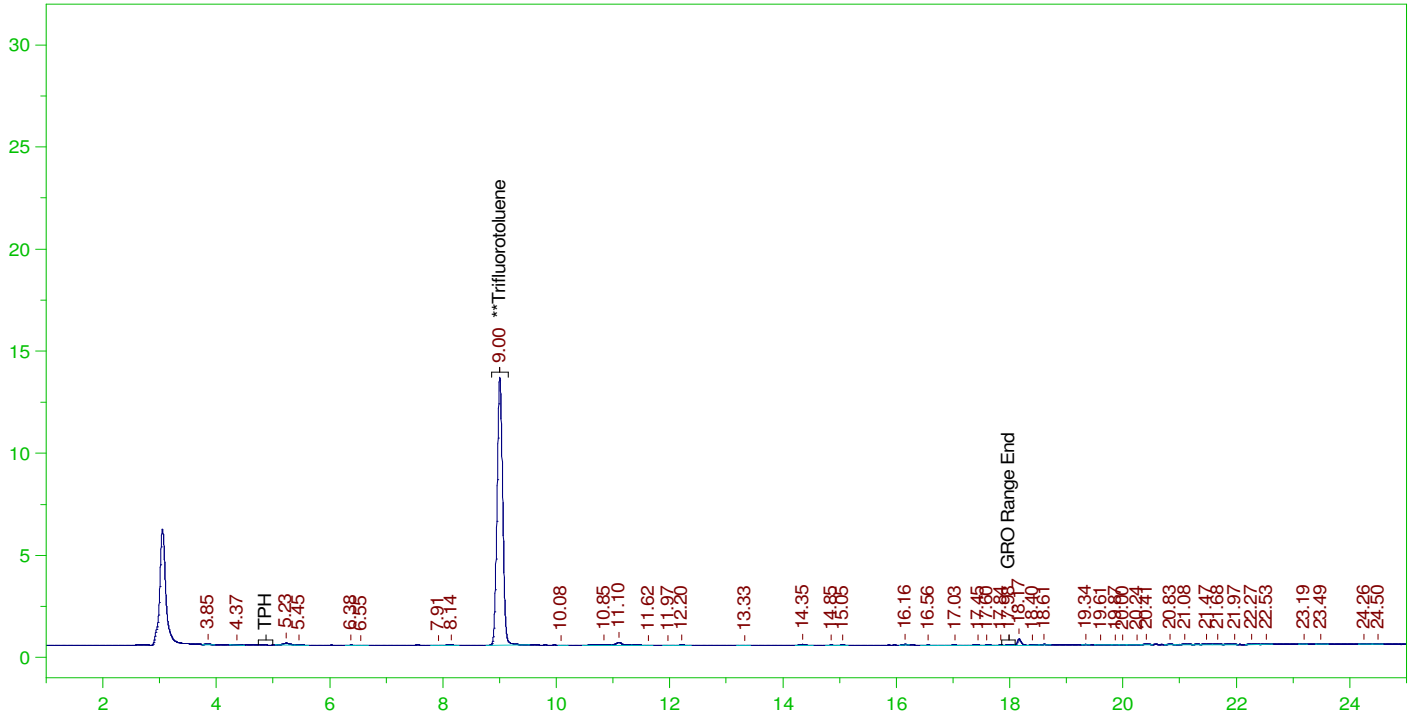
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.003	87425	25.	18.885	75.54

C6 to C10 Area:5158.245 C6 to C10 Amount: 1.052726  
TPH Area:10316.53 TPH Amount: 2.159005

ERH2629 (Trip Blank)-14694

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0016.RAW

B22030502-013A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030502-013A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0016.RAW  
Date & Time Acquired: 3/11/2022 4:24:24 PM  
Method File: G:\Org\VAR\Methods\211208G502-13DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

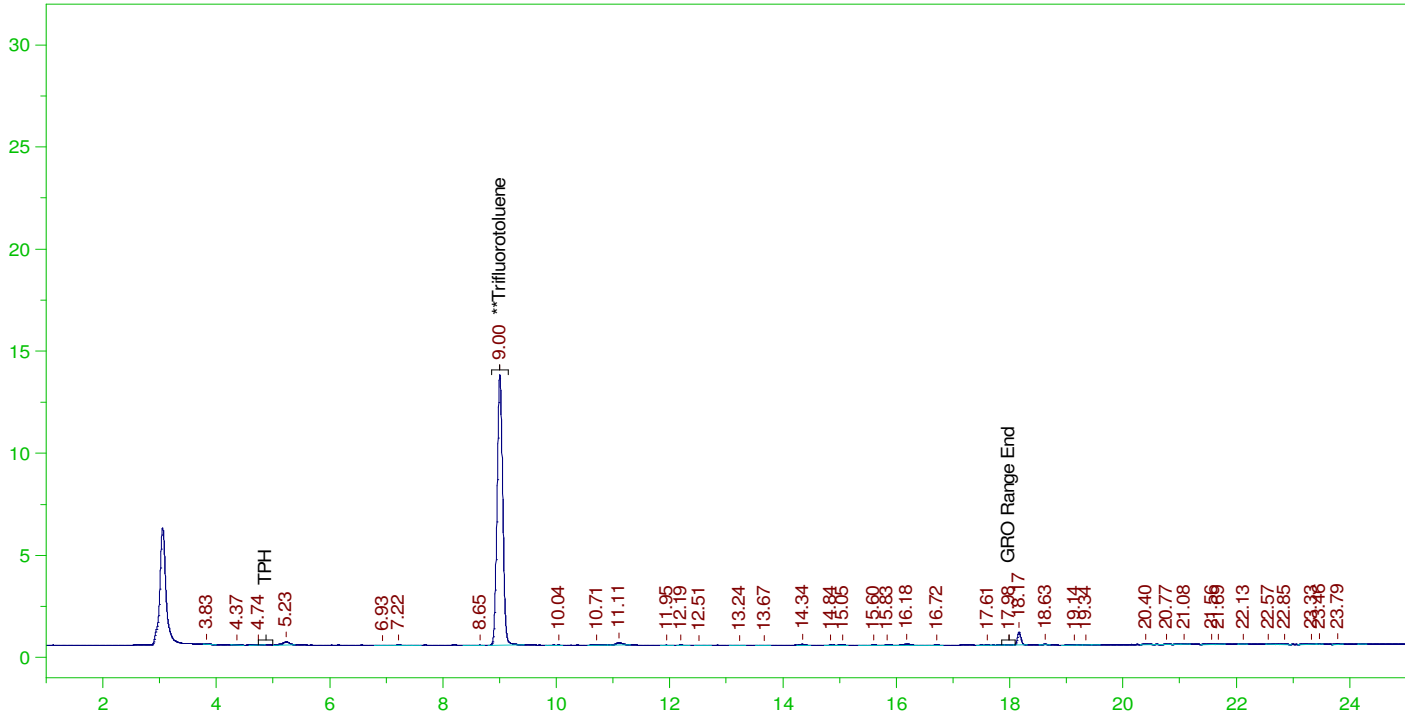
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.003	90434	25.	19.536	78.14

C6 to C10 Area:5759.576 C6 to C10 Amount: 1.175449  
TPH Area:10590.52 TPH Amount: 2.216343

ERH2585 (Trip Blank)-14754

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0017.RAW

B22030502-018A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030502-018A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0017.RAW  
Date & Time Acquired: 3/11/2022 4:58:32 PM  
Method File: G:\Org\VAR\Methods\211208G502-18DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

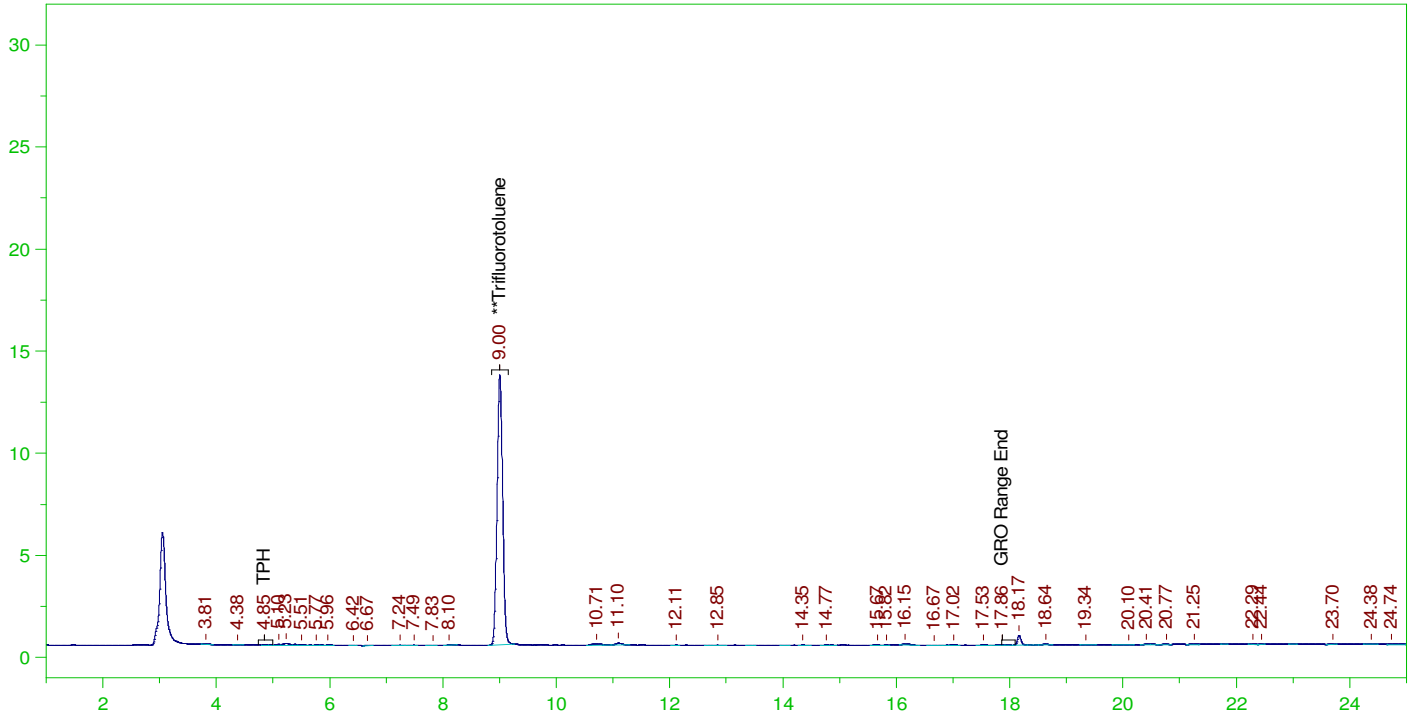
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.004	91141	25.	19.688	78.75

C6 to C10 Area:6246.954 C6 to C10 Amount: 1.274916  
TPH Area:11837.13 TPH Amount: 2.477231

ERH2626 (Trip Blank)-14833

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0018.RAW

B22030502-023A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030502-023A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0018.RAW  
Date & Time Acquired: 3/11/2022 5:32:37 PM  
Method File: G:\Org\VAR\Methods\211208G502-23DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

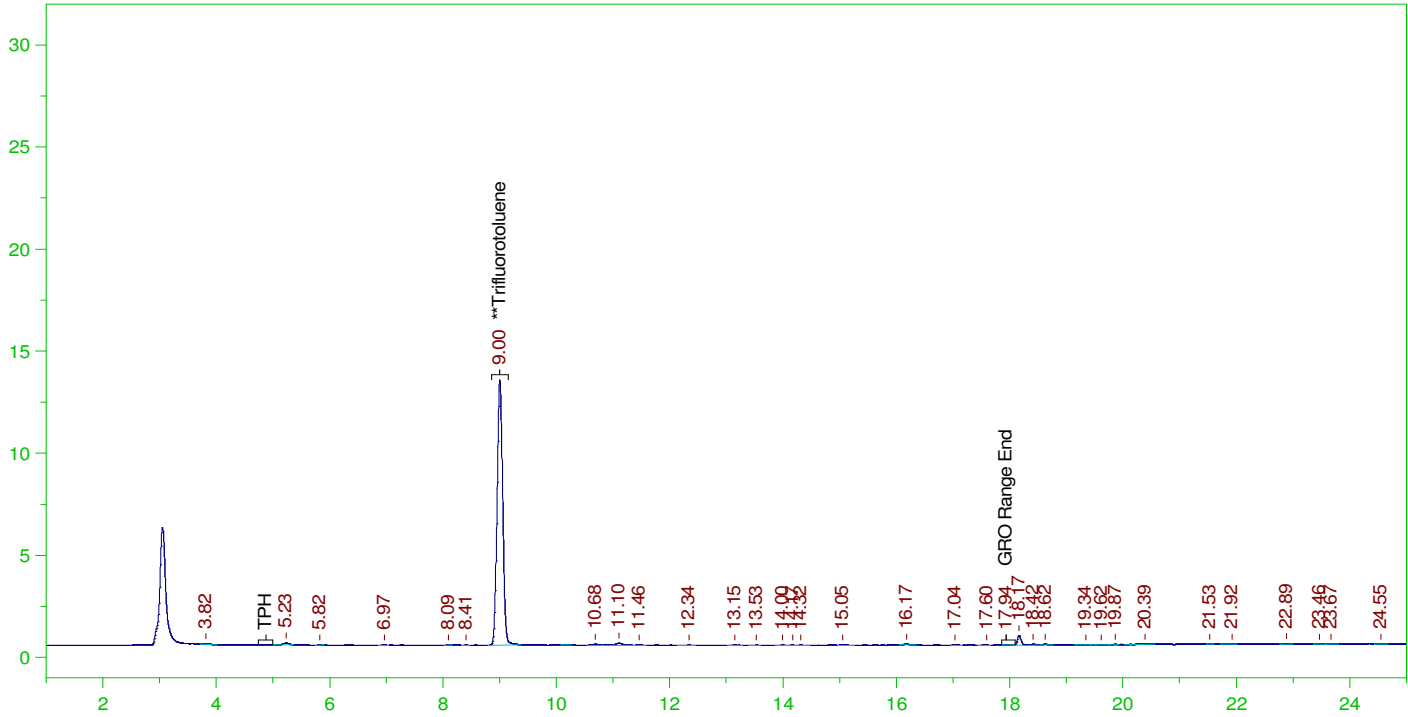
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.003	90379	25.	19.523	78.09

C6 to C10 Area:5067.925 C6 to C10 Amount: 1.034293  
TPH Area:9681.631 TPH Amount: 2.026135

ERH2597 (Trip Blank)-14833

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0019.RAW

B22030502-033A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030502-033A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0019.RAW  
Date & Time Acquired: 3/11/2022 6:06:48 PM  
Method File: G:\Org\VAR\Methods\211208G502-33DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

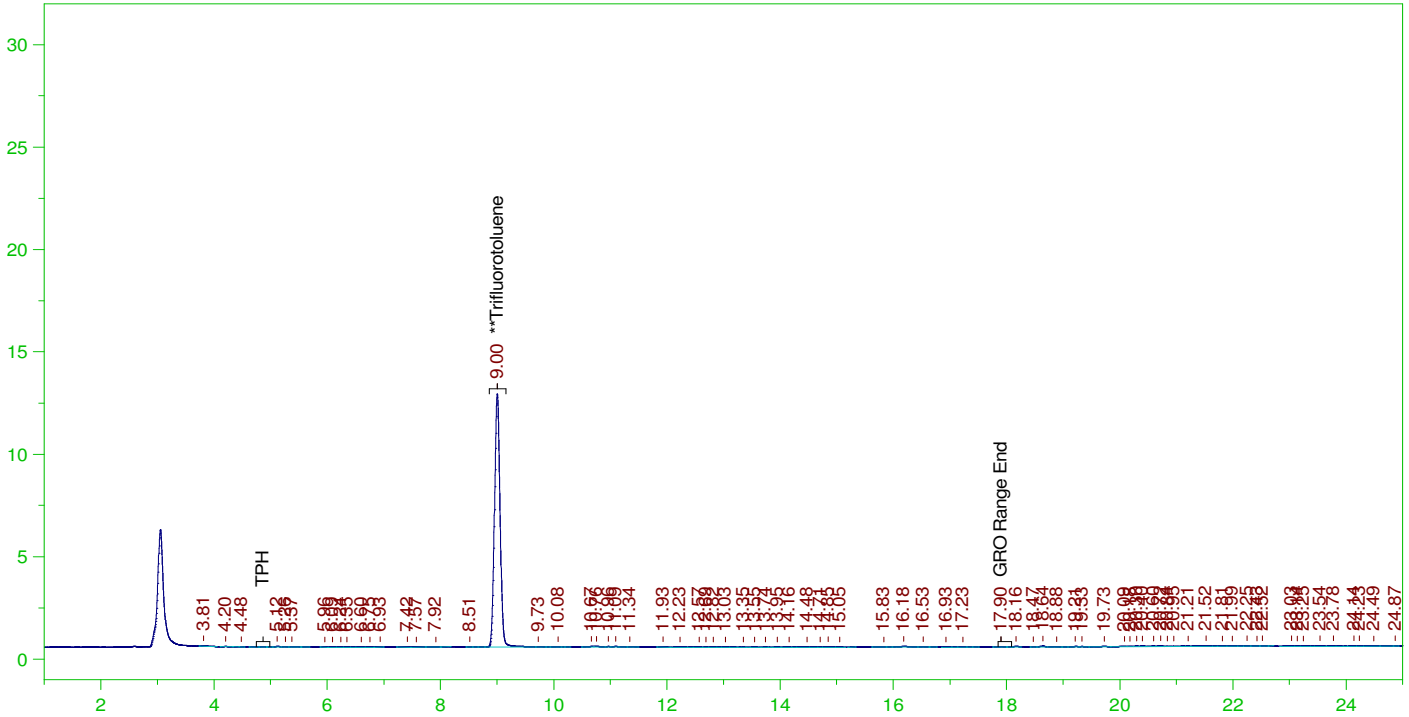
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.003	89538	25.	19.342	77.37	-

C6 to C10 Area:3589.77 C6 to C10 Amount: 0.732622  
TPH Area:7967.042 TPH Amount: 1.667313



G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0020.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0020.RAW  
 Date & Time Acquired: 3/11/2022 6:41:13 PM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

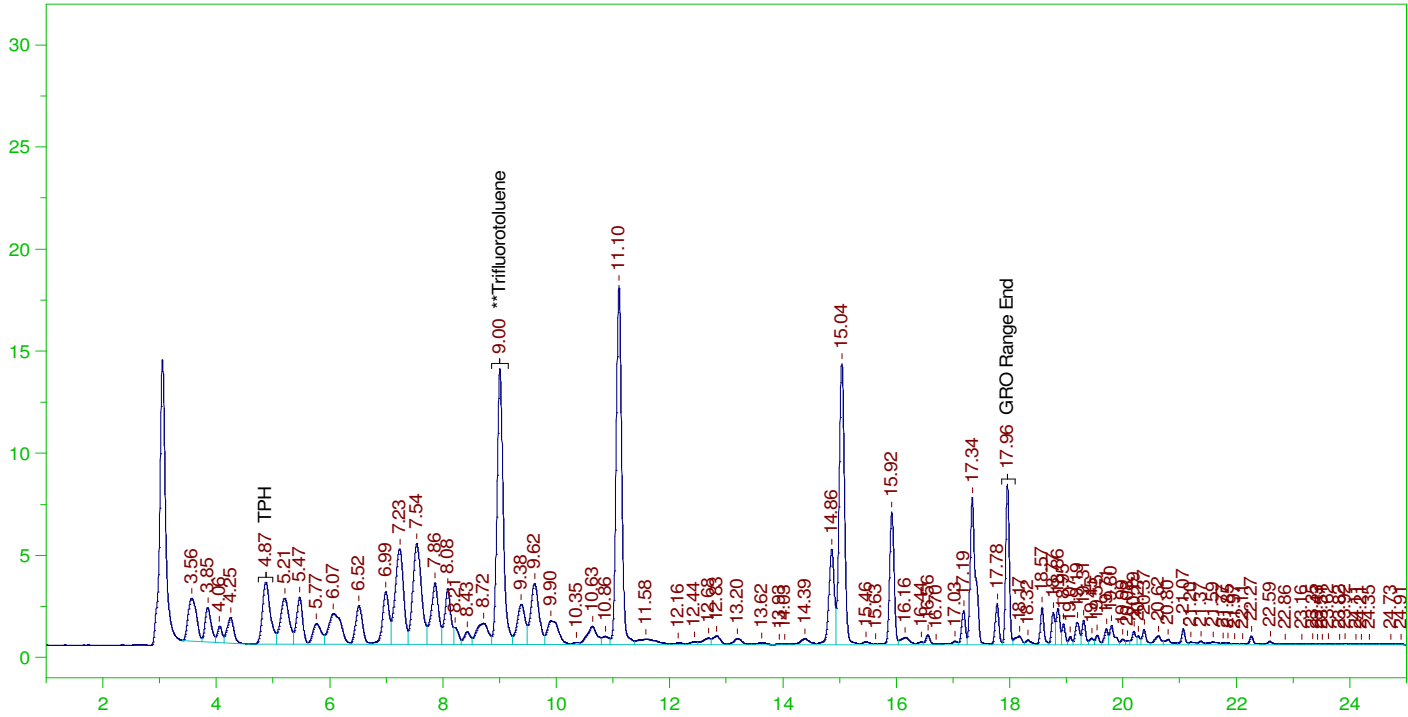
Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.004	125.	92.648	74.12

C6 to C10 Area:5353.193 C6 to C10 Amount: 5.46256  
 TPH Area:11071.32 TPH Amount: 11.58482

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0021.RAW

B22030502-016FMS, GQC ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030502-016FMS, GQC ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0021.RAW  
Date & Time Acquired: 3/11/2022 7:15:30 PM  
Method File: G:\Org\VAR\Methods\211208G502-16MSDoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

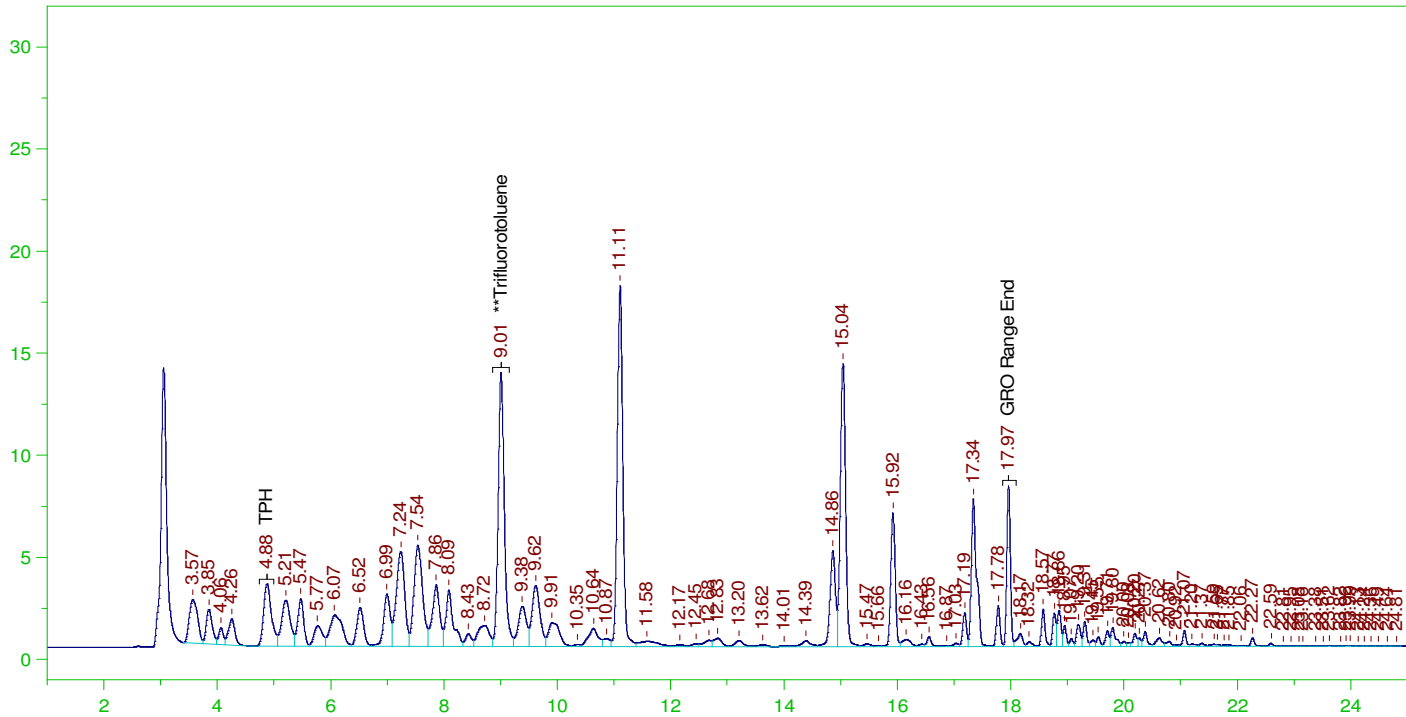
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.004	102696	25.	22.184	88.74	-

C6 to C10 Area:819442.3 C6 to C10 Amount: 167.2367  
TPH Area:961226.1 TPH Amount: 201.1618

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0022.RAW

B22030502-016FMSD, GQC ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030502-016FMSD, GQC ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0022.RAW  
Date & Time Acquired: 3/11/2022 7:49:49 PM  
Method File: G:\Org\VAR\Methods\211208G502-16MSDDoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

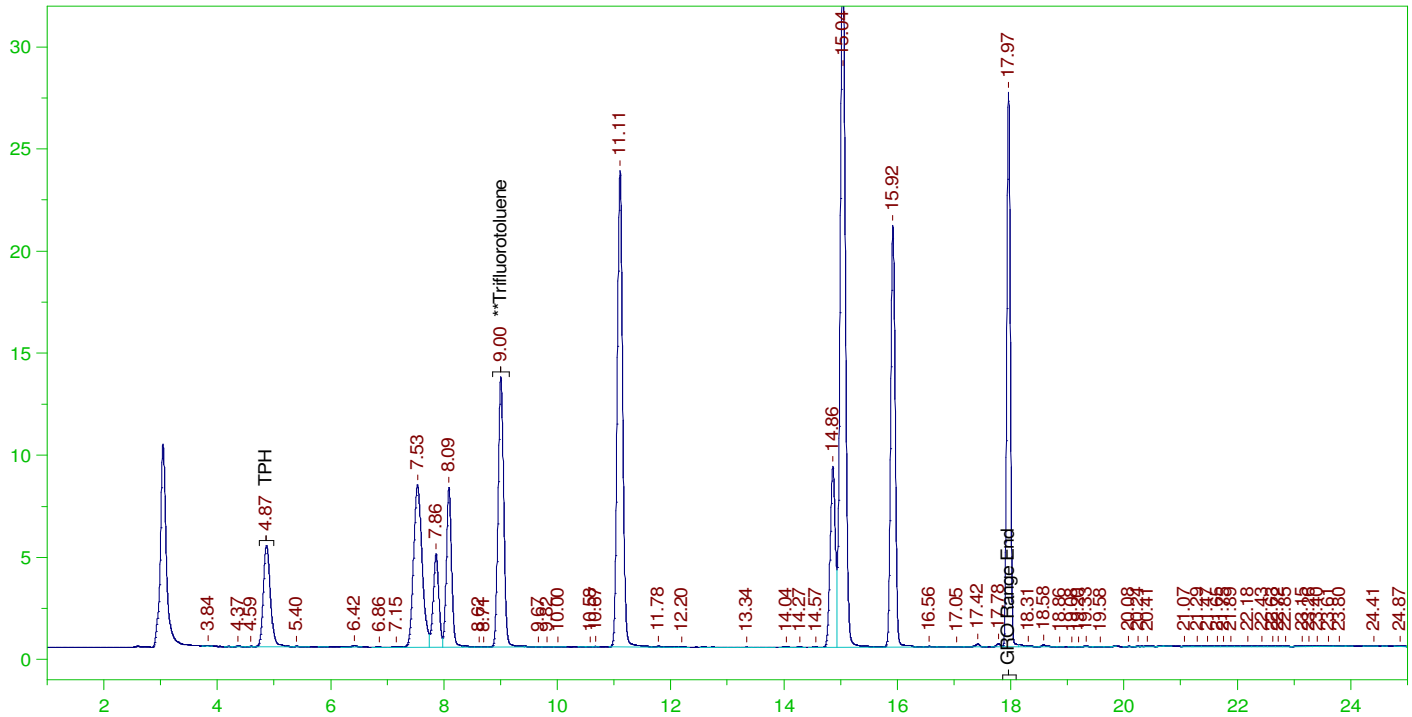
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.007	101985	25.	22.031	88.12	-

C6 to C10 Area:819298.7 C6 to C10 Amount: 167.2074  
TPH Area:960838.9 TPH Amount: 201.0807

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0023.RAW

CCV\_0311VAR23r, GQC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_0311VAR23r, GQC ;0311VAR ,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0023.RAW  
Date & Time Acquired: 3/11/2022 8:24:04 PM  
Method File: G:\Org\VAR\Methods\211208GRO\_DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.003	91406	125.	98.727	78.98

C6 to C10 Area:877972.8 C6 to C10 Amount: 895.91  
TPH Area:884248.4 TPH Amount: 925.2609

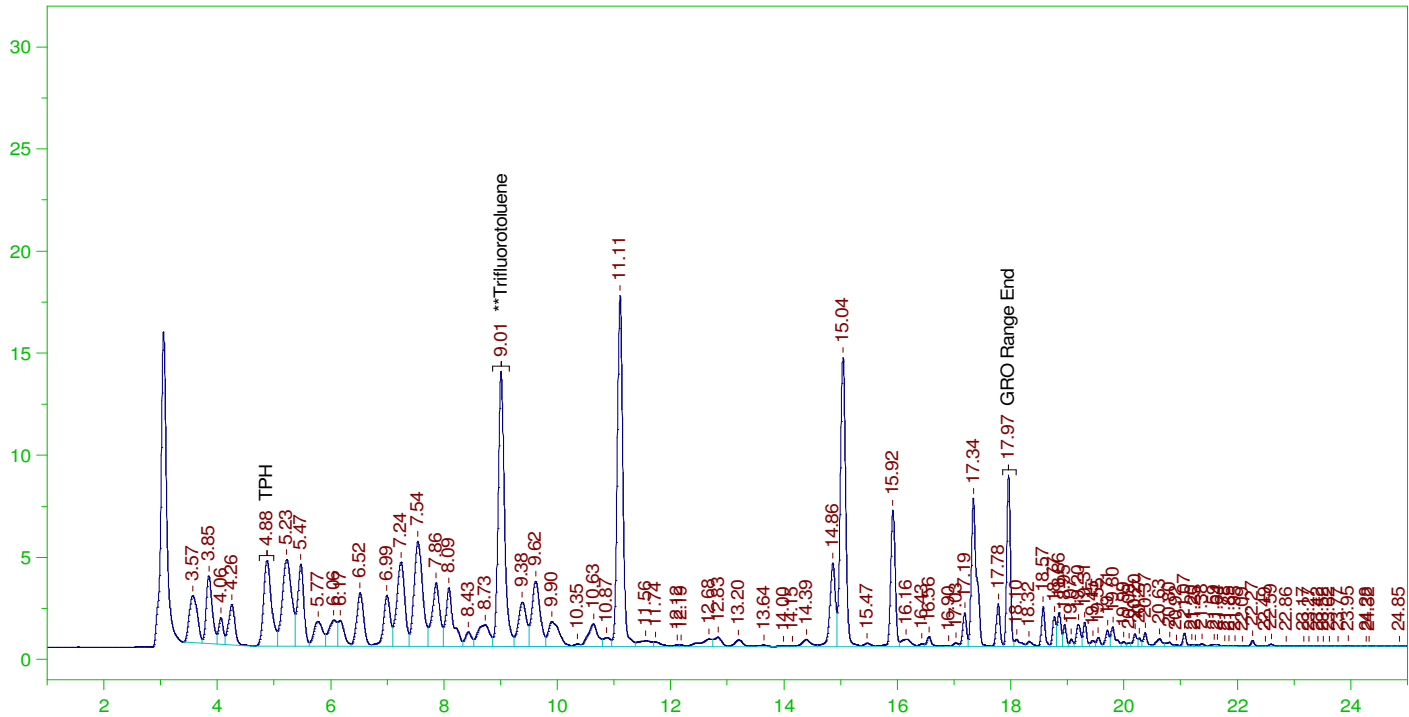
CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0023.RAW

COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
C6 to C10	840.	895.91	106.66	85-115
TPH	1000.	925.26	92.53	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.003	125.	98.727	78.98	85-115

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0024.RAW

CCV\_0311VAR24r, GQC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_0311VAR24r, GQC ;0311VAR ,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0024.RAW  
Date & Time Acquired: 3/11/2022 8:58:24 PM  
Method File: G:\Org\VAR\Methods\211208GCCV0311\_24DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.007	104257	125.	112.607	90.09

C6 to C10 Area:885222.4 C6 to C10 Amount: 903.3077  
TPH Area:1040131 TPH Amount: 1088.374

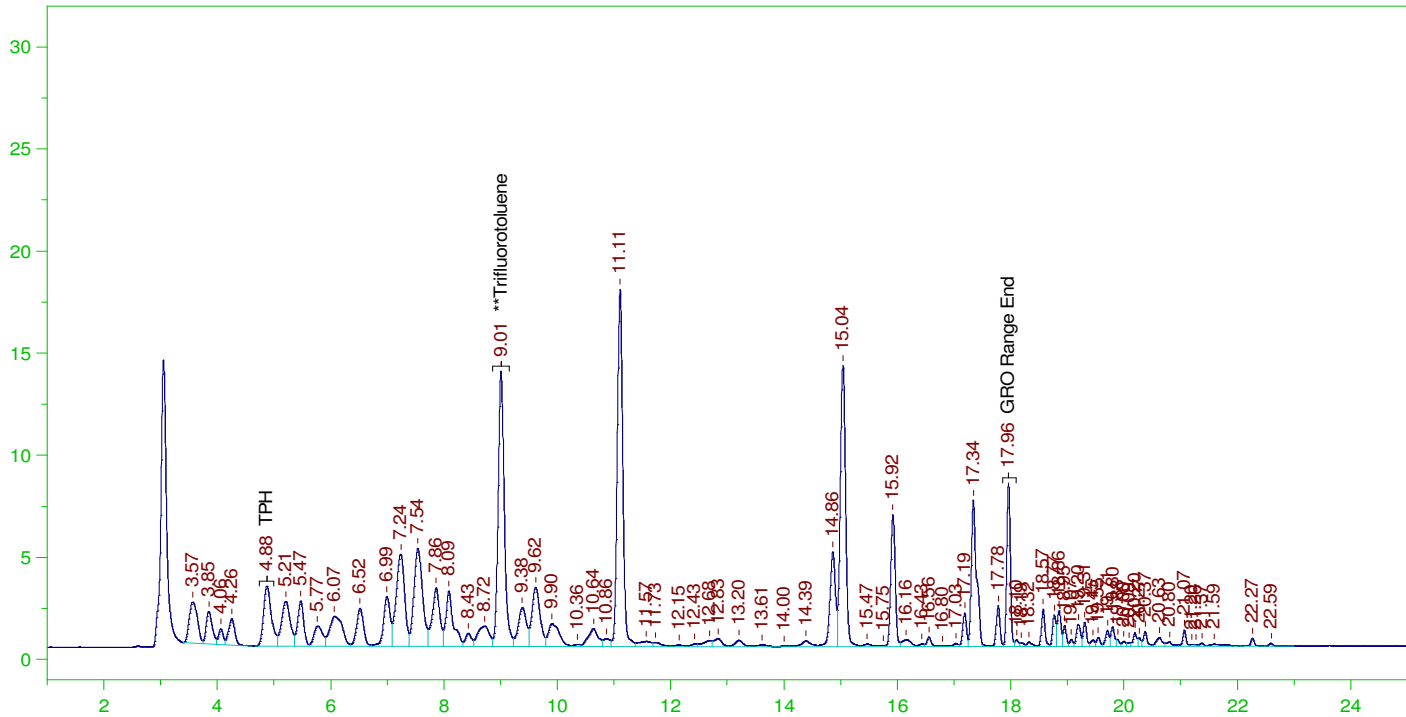
CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0024.RAW

COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
C6 to C10	840.	903.31	107.54	85-115
TPH	1000.	1088.37	108.84	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.007	125.	112.607	90.09	85-115

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0025.RAW

LCS\_0311VAR25r, GQC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: LCS\_0311VAR25r, GQC ;0311VAR ,  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0025.RAW  
 Date & Time Acquired: 3/11/2022 9:32:40 PM  
 Method File: G:\Org\VAR\Methods\211208GLCS0311\_25DoDBA%.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 5 Dilution: 1 S.A.: 1

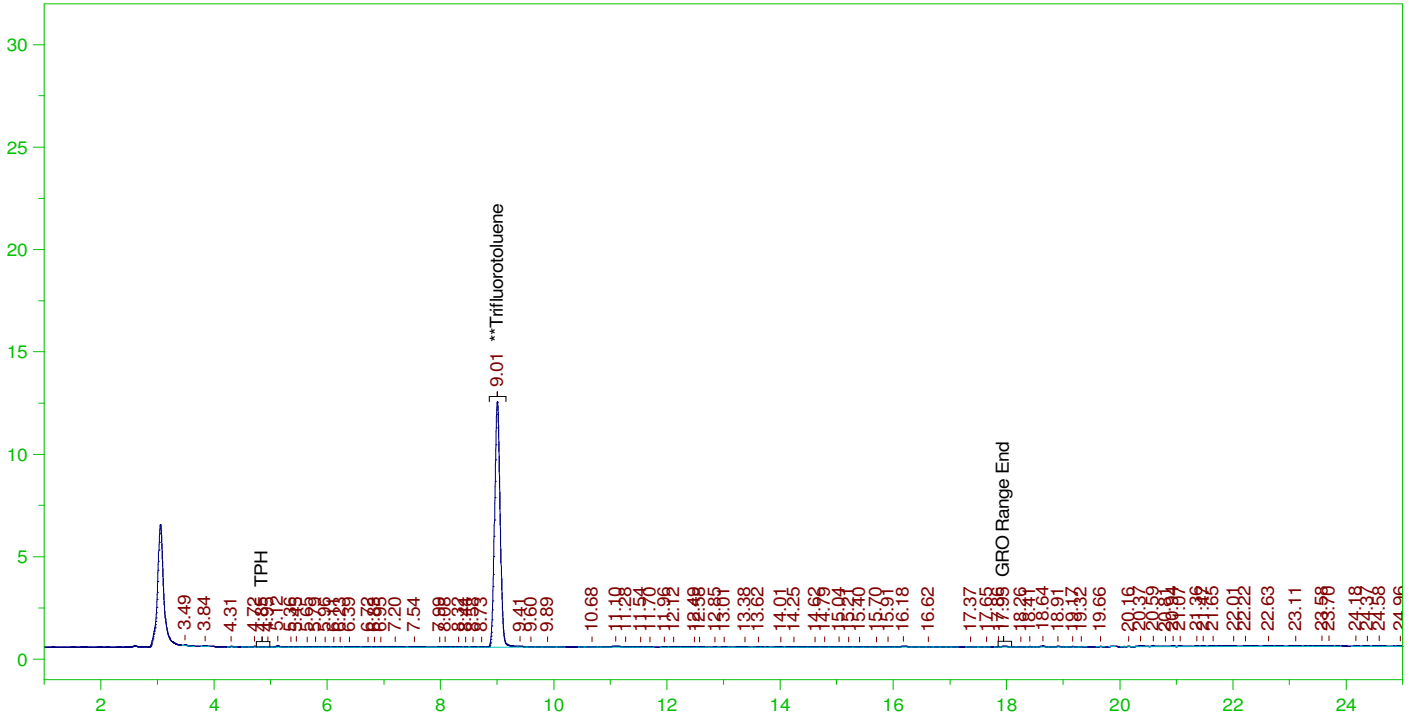
Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.007	102068	25.	22.049	88.19	-

C6 to C10 Area:803905.9 C6 to C10 Amount: 164.066  
 TPH Area:934619.1 TPH Amount: 195.5936

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0026.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0026.RAW  
 Date & Time Acquired: 3/11/2022 10:06:59 PM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

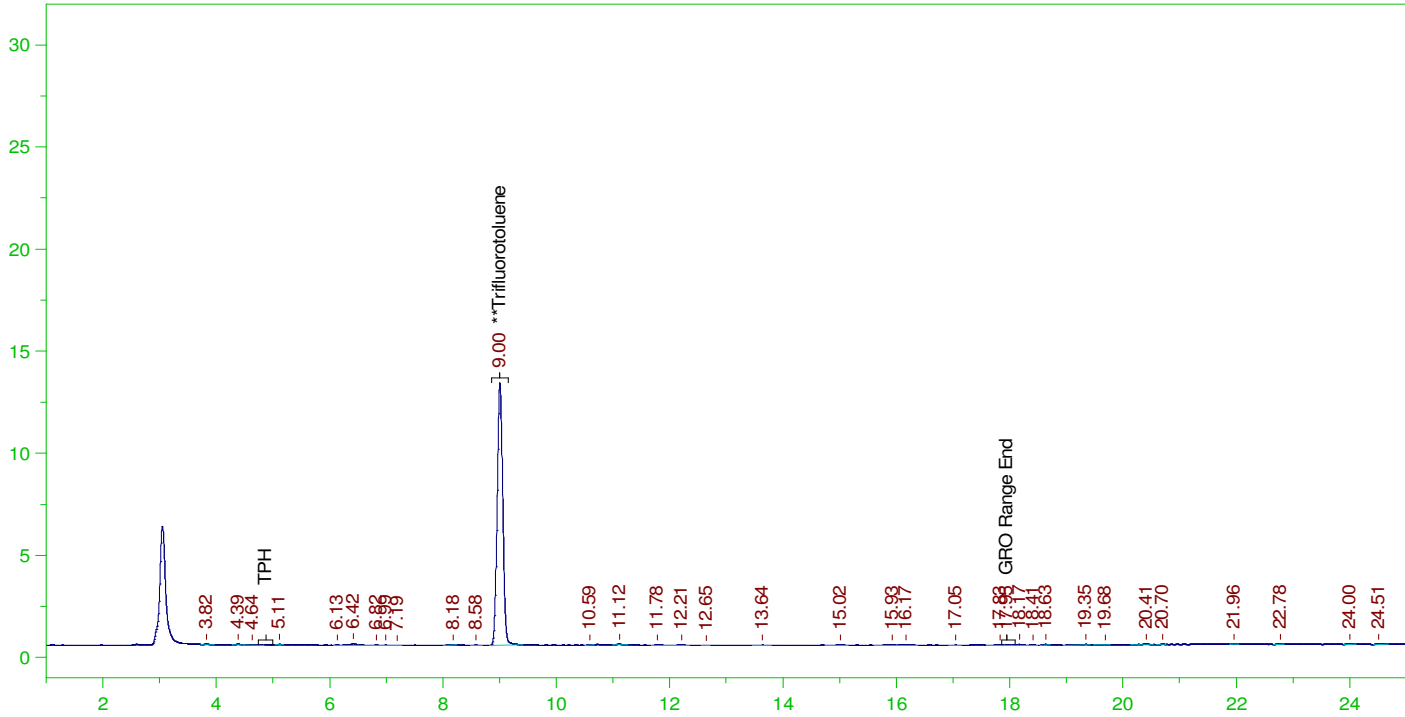
Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.005	125.	89.454	71.56

C6 to C10 Area:8194.736 C6 to C10 Amount: 8.362157  
 TPH Area:13441.36 TPH Amount: 14.06479

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0027.RAW

MBLK\_0311VAR27r, QC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: MBLK\_0311VAR27r, QC ;0311VAR ,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0027.RAW  
Date & Time Acquired: 3/11/2022 10:41:21 PM  
Method File: G:\Org\VAR\Methods\211208GMB0311\_27DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.005	88110	25.	19.033	76.13	-

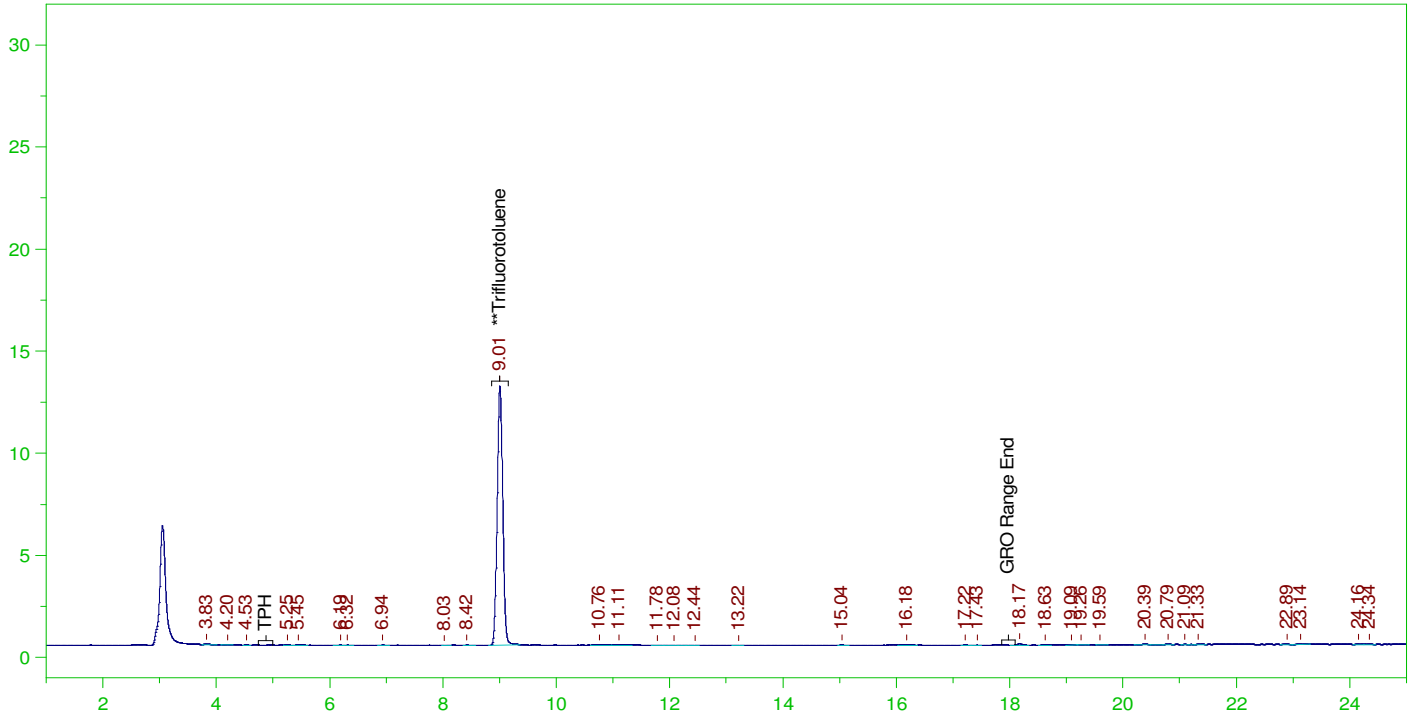
C6 to C10 Area:3843.856 C6 to C10 Amount: 0.7844775  
TPH Area:5863.889 TPH Amount: 1.227172



ERH2616 (OWDFMW01)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0028.RAW

B22030502-001F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030502-001F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0028.RAW  
Date & Time Acquired: 3/11/2022 11:15:45 PM  
Method File: G:\Org\VAR\Methods\211208G502-1DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

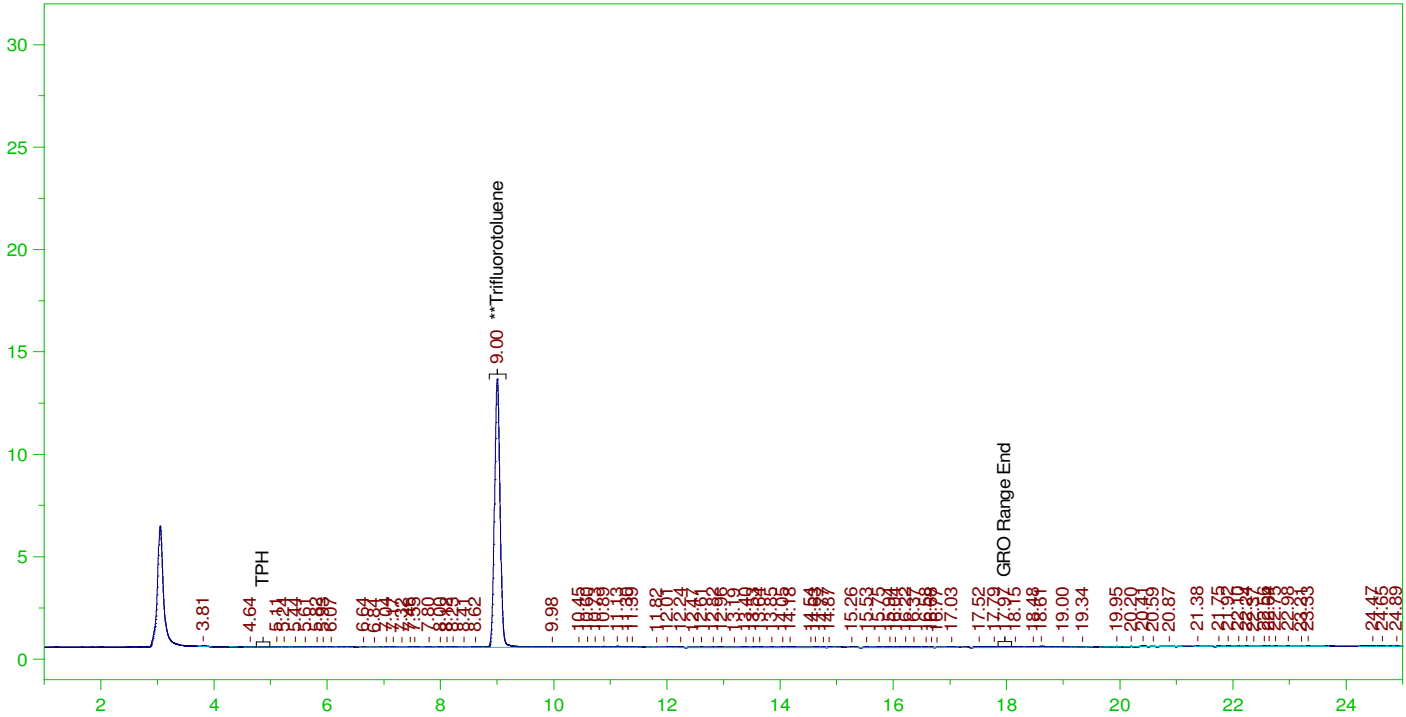
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.005	86875	25.	18.767	75.07

C6 to C10 Area:2294.403 C6 to C10 Amount: 0.4682557  
TPH Area:4653.022 TPH Amount: 0.973767

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0029.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0029.RAW  
 Date & Time Acquired: 3/11/2022 11:50:08 PM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

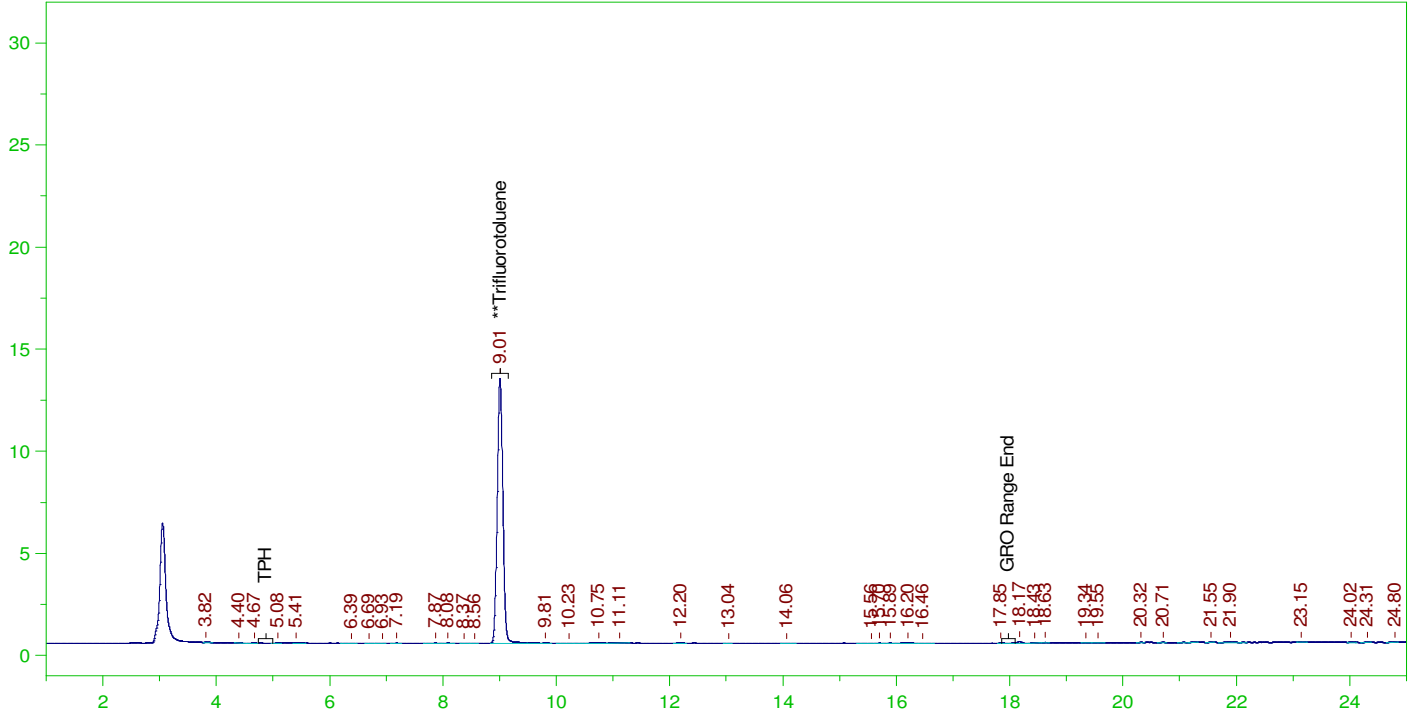
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.004	125.	98.084	78.47

C6 to C10 Area: 9354.537 C6 to C10 Amount: 9.545652  
 TPH Area: 13428.07 TPH Amount: 14.05088

ERH2630 (HDMW2253-03)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0030.RAW

B22030502-011F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030502-011F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0030.RAW  
Date & Time Acquired: 3/12/2022 12:24:34 AM  
Method File: G:\Org\VAR\Methods\211208G502-11DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

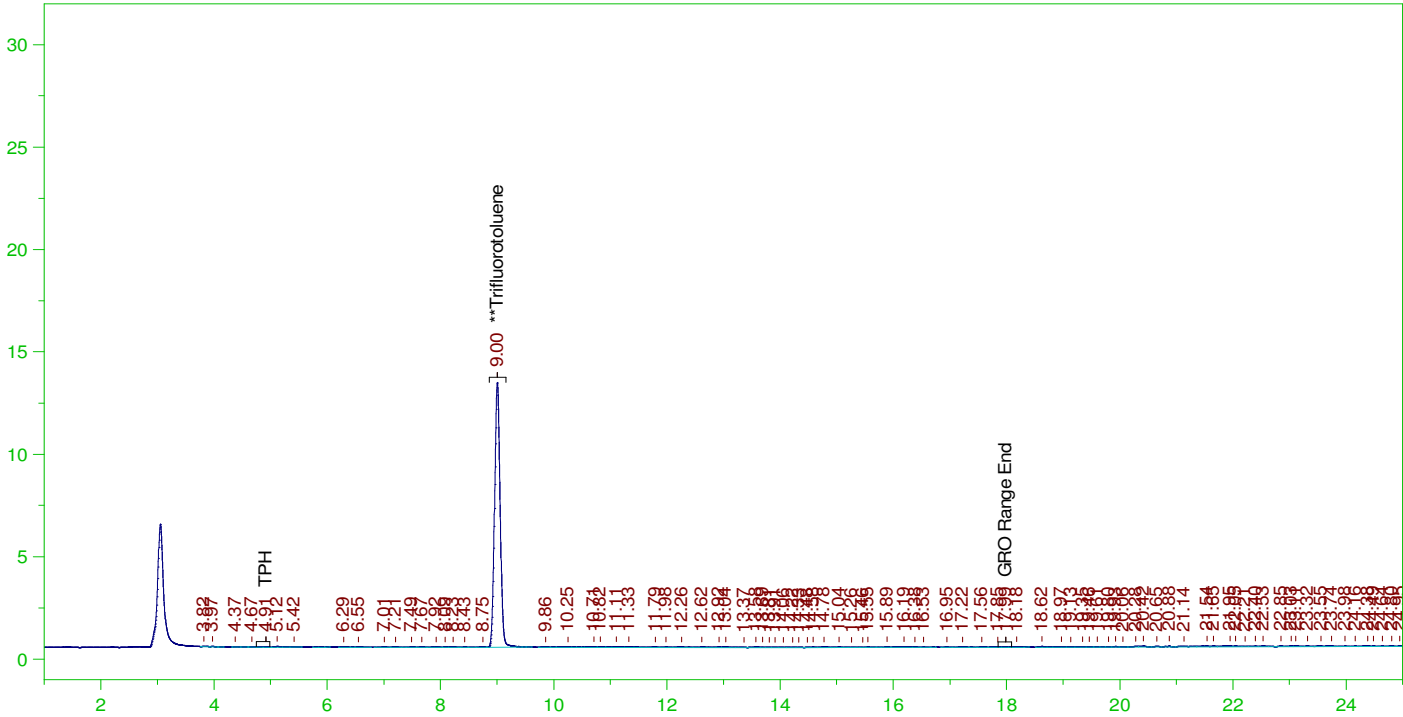
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.006	89252	25.	19.28	77.12	-

C6 to C10 Area:3350.293 C6 to C10 Amount: 0.6837481  
TPH Area:5588.535 TPH Amount: 1.169547

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0031.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0031.RAW  
 Date & Time Acquired: 3/12/2022 12:58:53 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

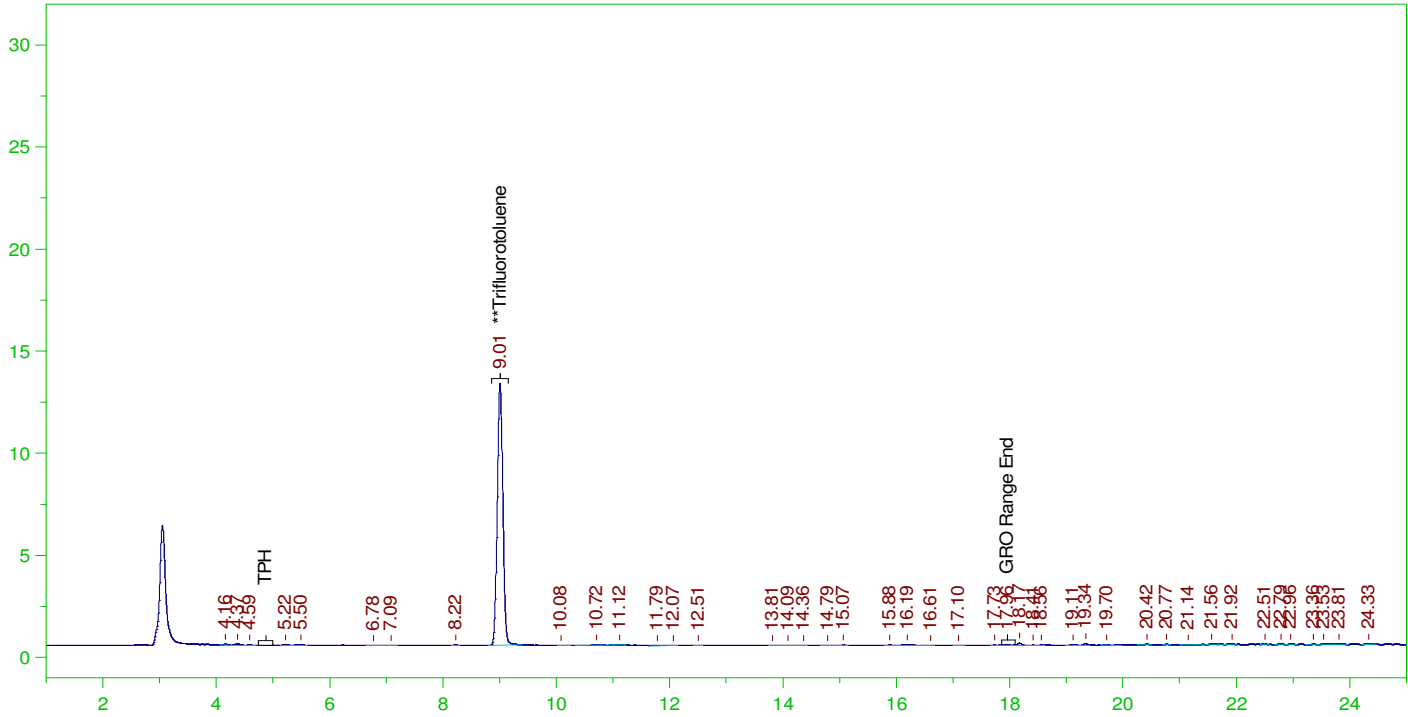
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.005	125.	96.173	76.94

C6 to C10 Area: 7594.913 C6 to C10 Amount: 7.750078  
 TPH Area: 15452.71 TPH Amount: 16.16942

ERH2598 (RHMW19)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0032.RAW

B22030502-031F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030502-031F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0032.RAW  
Date & Time Acquired: 3/12/2022 1:33:11 AM  
Method File: G:\Org\VAR\Methods\211208G502-31DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

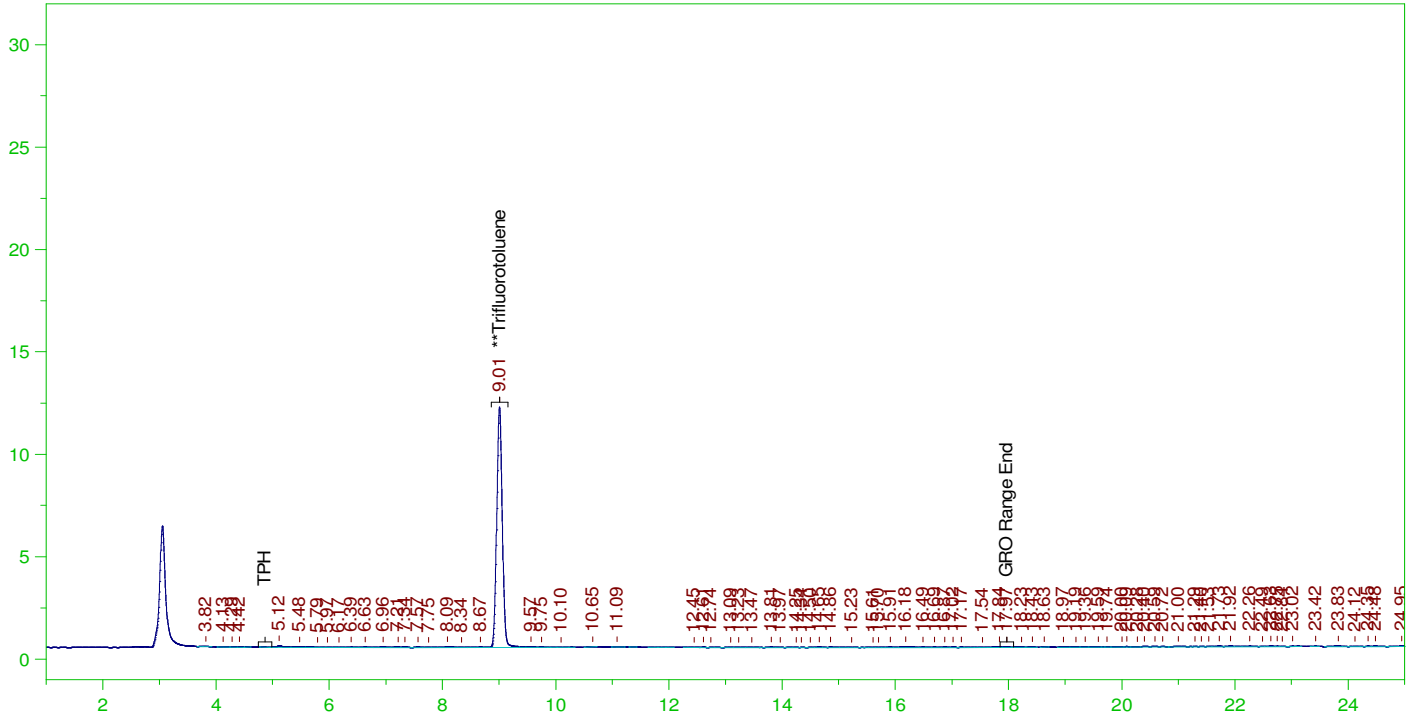
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.007	88030	25.	19.016	76.06

C6 to C10 Area:3357.835 C6 to C10 Amount: 0.6852872  
TPH Area:6924.978 TPH Amount: 1.449233

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0033.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0033.RAW  
 Date & Time Acquired: 3/12/2022 2:07:29 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

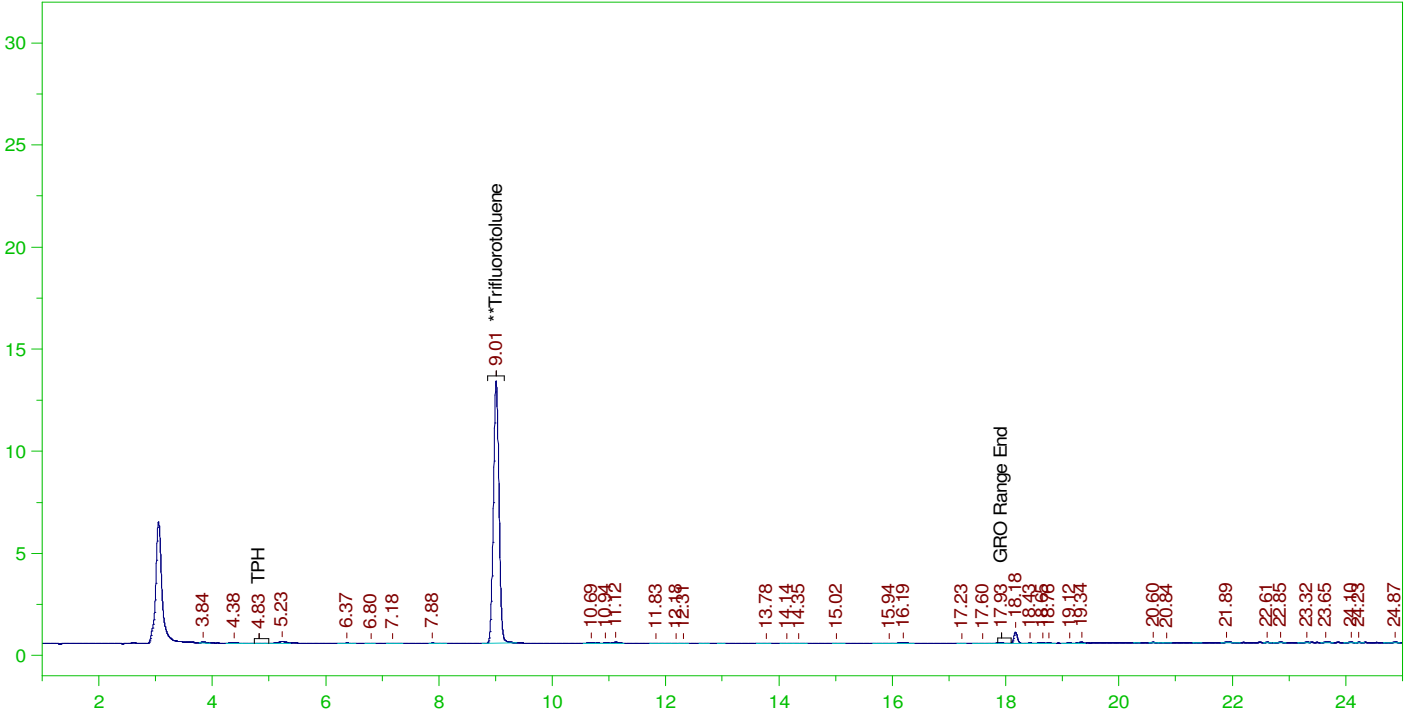
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.007	125.	87.465	69.97

C6 to C10 Area: 7580.525 C6 to C10 Amount: 7.735397  
 TPH Area: 13391.82 TPH Amount: 14.01295

ERH2740 (RHMW04)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0034.RAW

B22030703-001F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-001F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0034.RAW  
Date & Time Acquired: 3/12/2022 2:41:44 AM  
Method File: G:\Org\VAR\Methods\211208G703-1DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

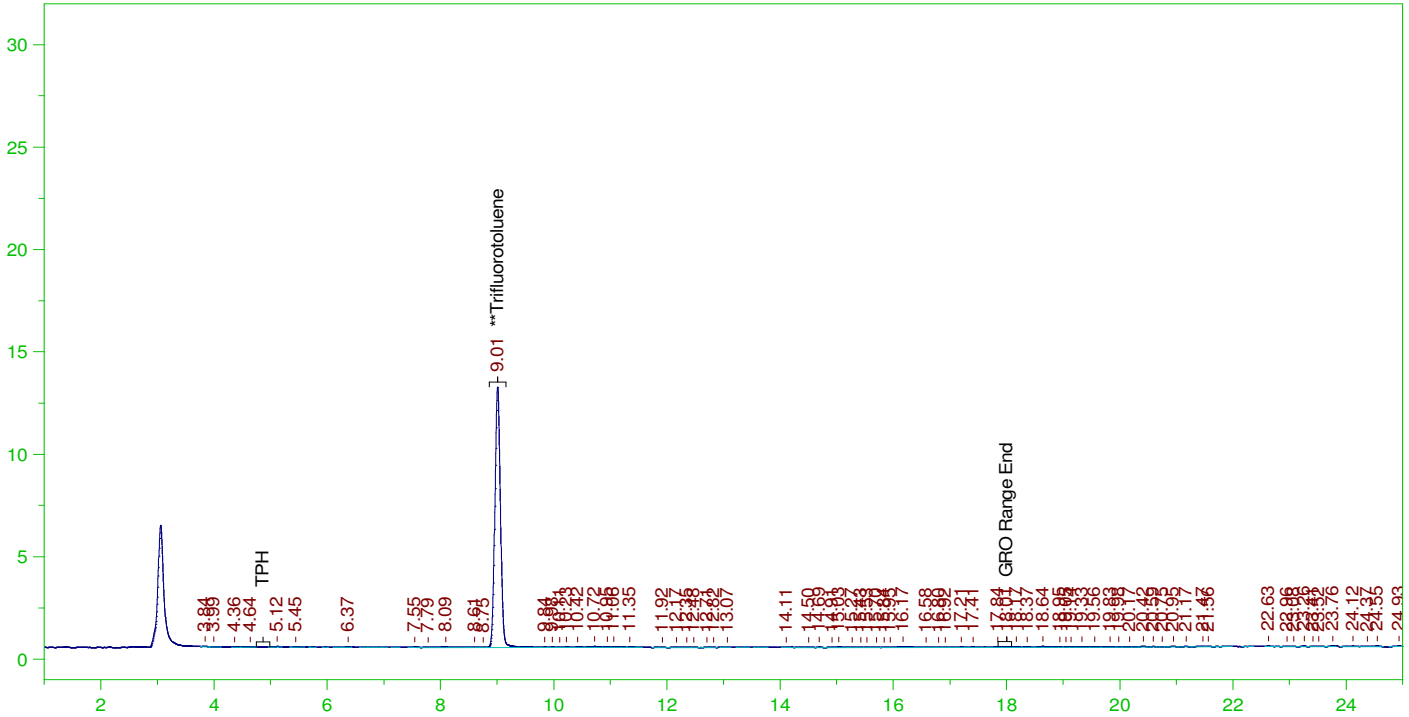
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.009	88037	25.	19.018	76.07

C6 to C10 Area:4009.115 C6 to C10 Amount: 0.8182044  
TPH Area:8937.12 TPH Amount: 1.870327

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0035.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0035.RAW  
 Date & Time Acquired: 3/12/2022 3:16:02 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.01	125.	94.958	75.97

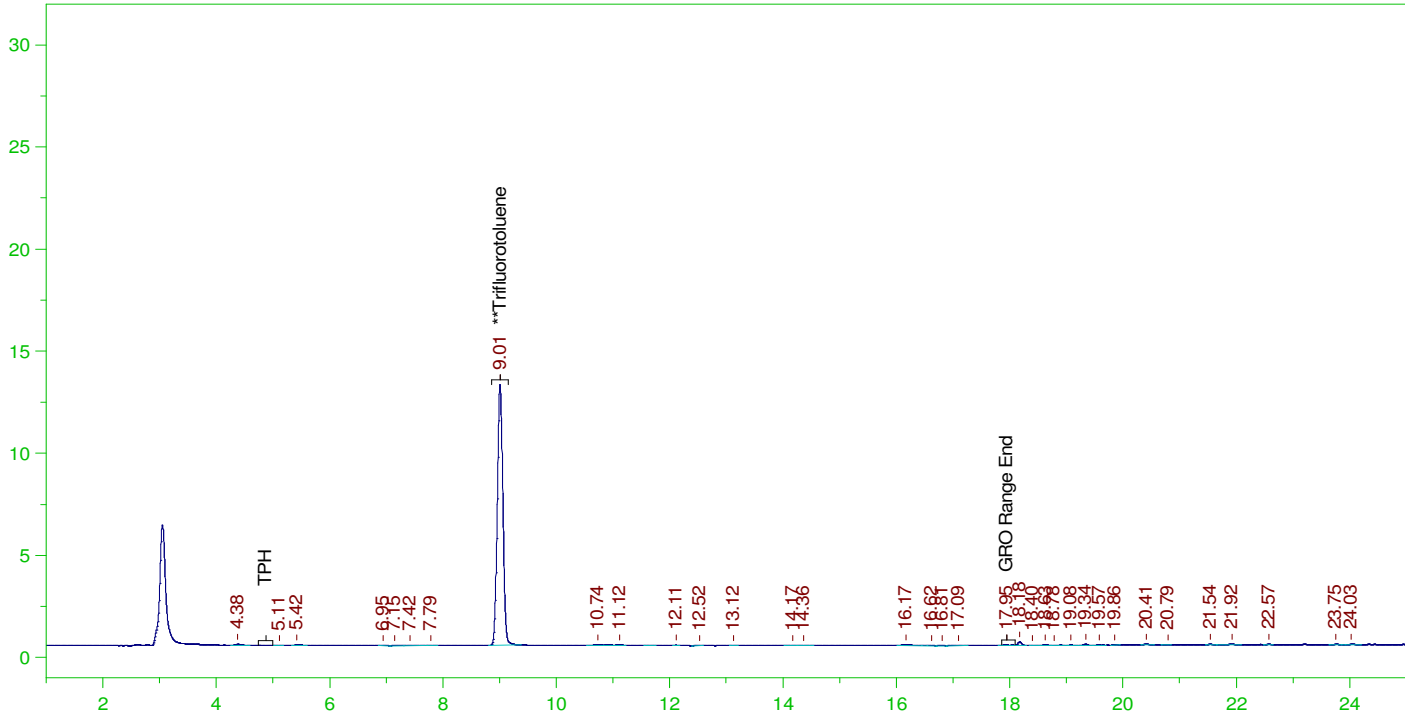
C6 to C10 Area:6024.795 C6 to C10 Amount: 6.147883  
 TPH Area:10885.3 TPH Amount: 11.39017



ERH2732 (RHMW06)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0036.RAW

B22030703-006F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-006F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0036.RAW  
Date & Time Acquired: 3/12/2022 3:50:20 AM  
Method File: G:\Org\VAR\Methods\211208G703-6DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

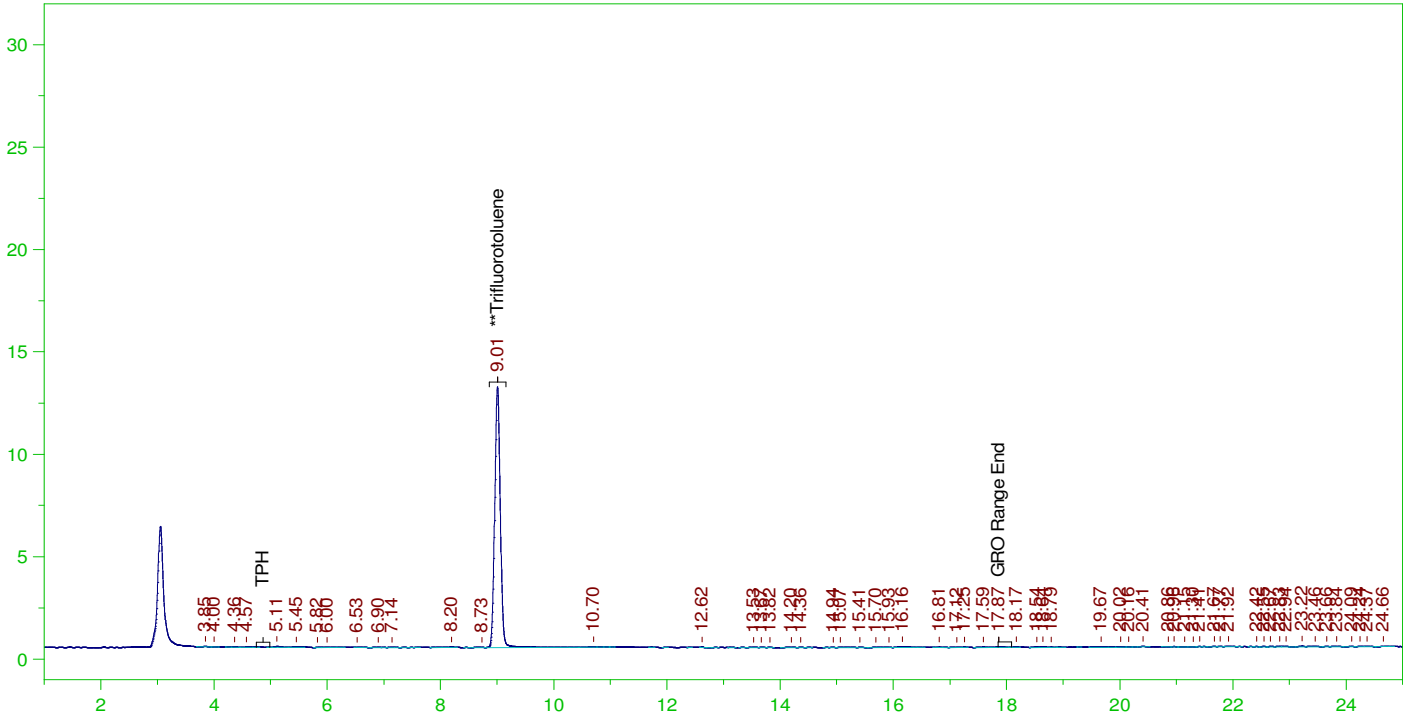
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.007	87608	25.	18.925	75.7	-

C6 to C10 Area:3092.463 C6 to C10 Amount: 0.6311284  
TPH Area:6509.425 TPH Amount: 1.362268

G:\Org\VAR\DAT\VAR031122\_b\03111VARB.0037.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\03111VARB.0037.RAW  
 Date & Time Acquired: 3/12/2022 4:24:39 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

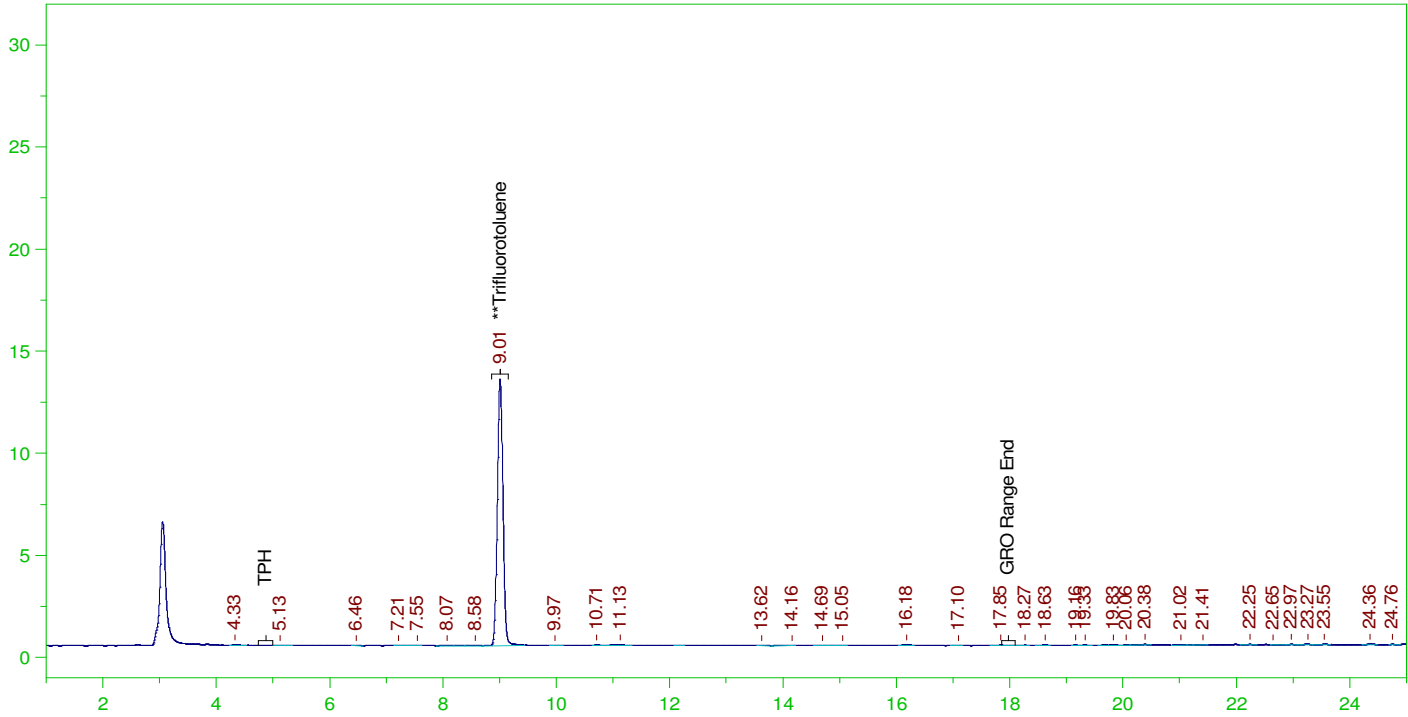
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.008	125.	95.12	76.1

C6 to C10 Area:3964.242 C6 to C10 Amount: 4.045232  
 TPH Area:8997.315 TPH Amount: 9.414621

ERH2694 (OWDFMW5A)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0038.RAW

B22030703-011F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-011F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0038.RAW  
Date & Time Acquired: 3/12/2022 4:59:02 AM  
Method File: G:\Org\VAR\Methods\211208G703-11DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

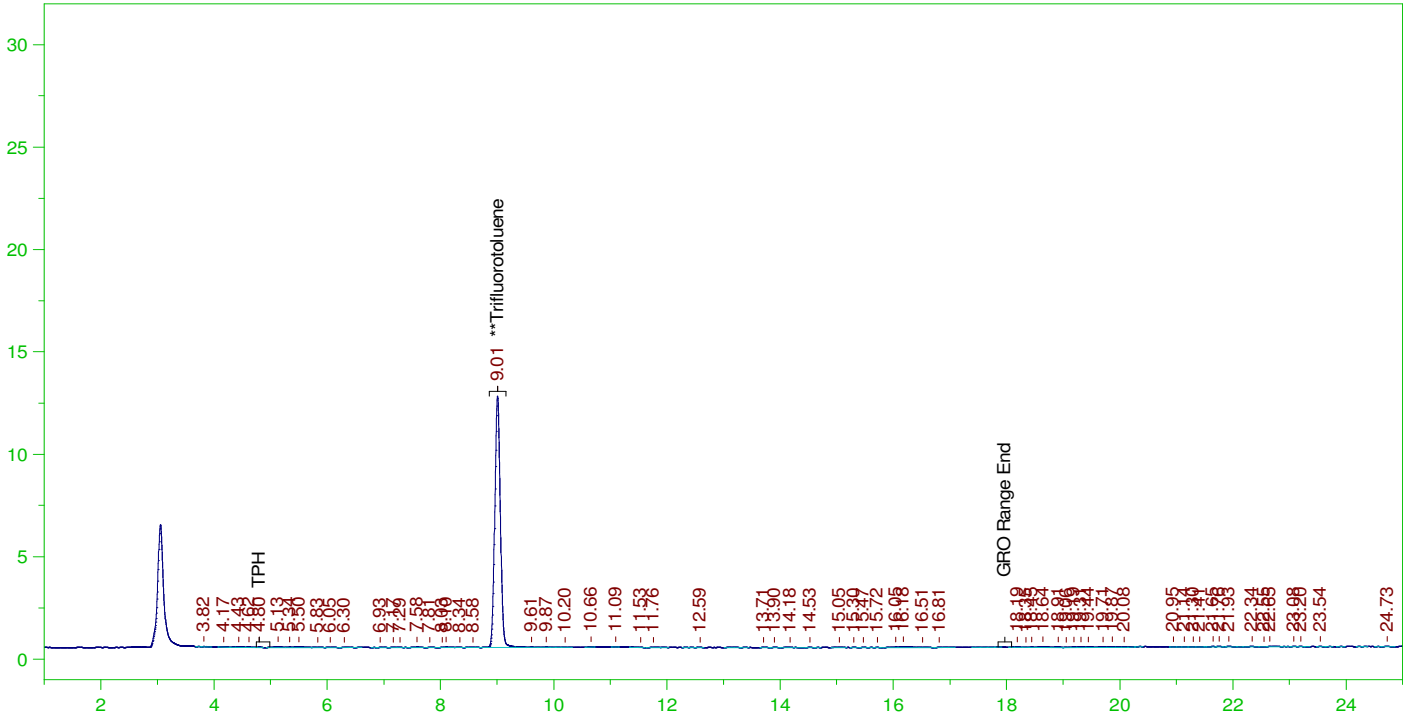
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.008	25.	19.427	77.71

C6 to C10 Area:2590.04 C6 to C10 Amount: 0.528591  
TPH Area:5810.07 TPH Amount: 1.21591

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0039.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0039.RAW  
 Date & Time Acquired: 3/12/2022 5:33:25 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

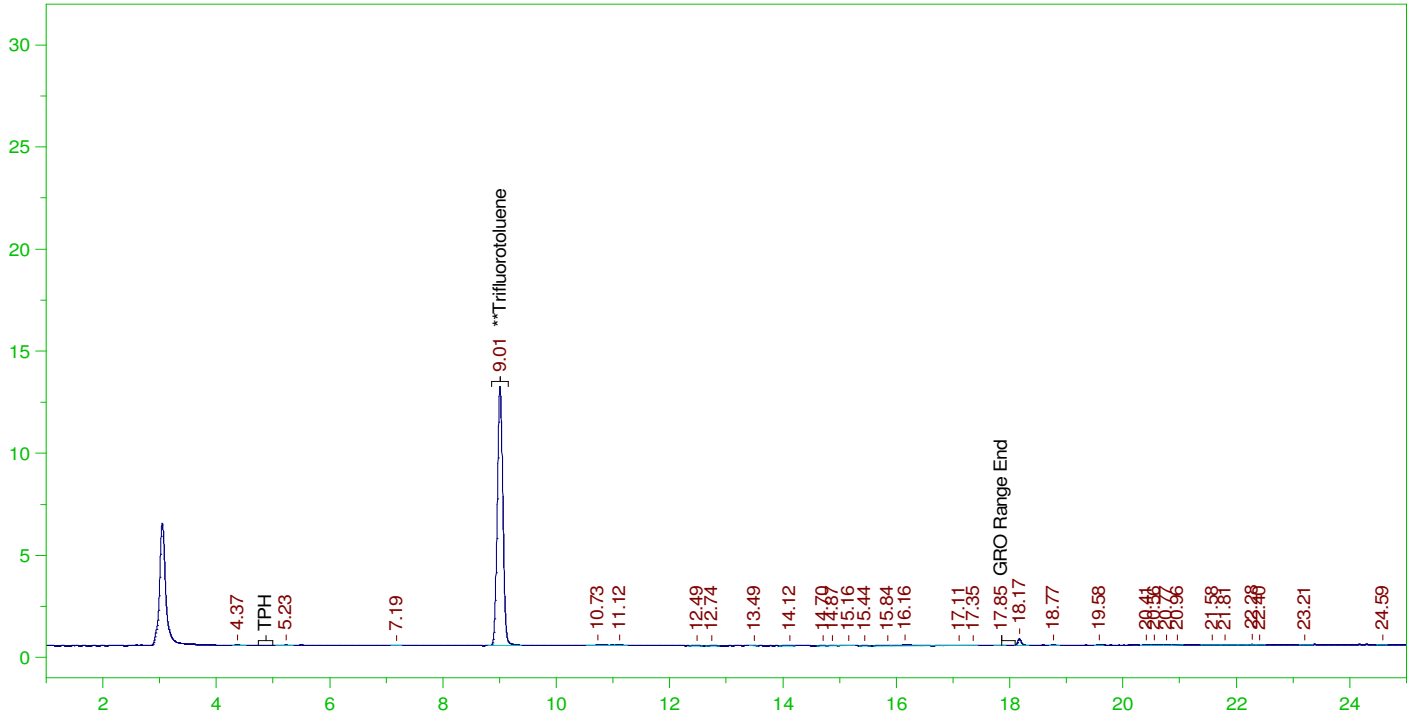
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.009	125.	91.332	73.07

C6 to C10 Area:5105.698 C6 to C10 Amount: 5.210009  
 TPH Area:9430.413 TPH Amount: 9.867806

ERH2705 (RHMW16)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0040.RAW

B22030703-016F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-016F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0040.RAW  
Date & Time Acquired: 3/12/2022 6:07:48 AM  
Method File: G:\Org\VAR\Methods\211208G703-16DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

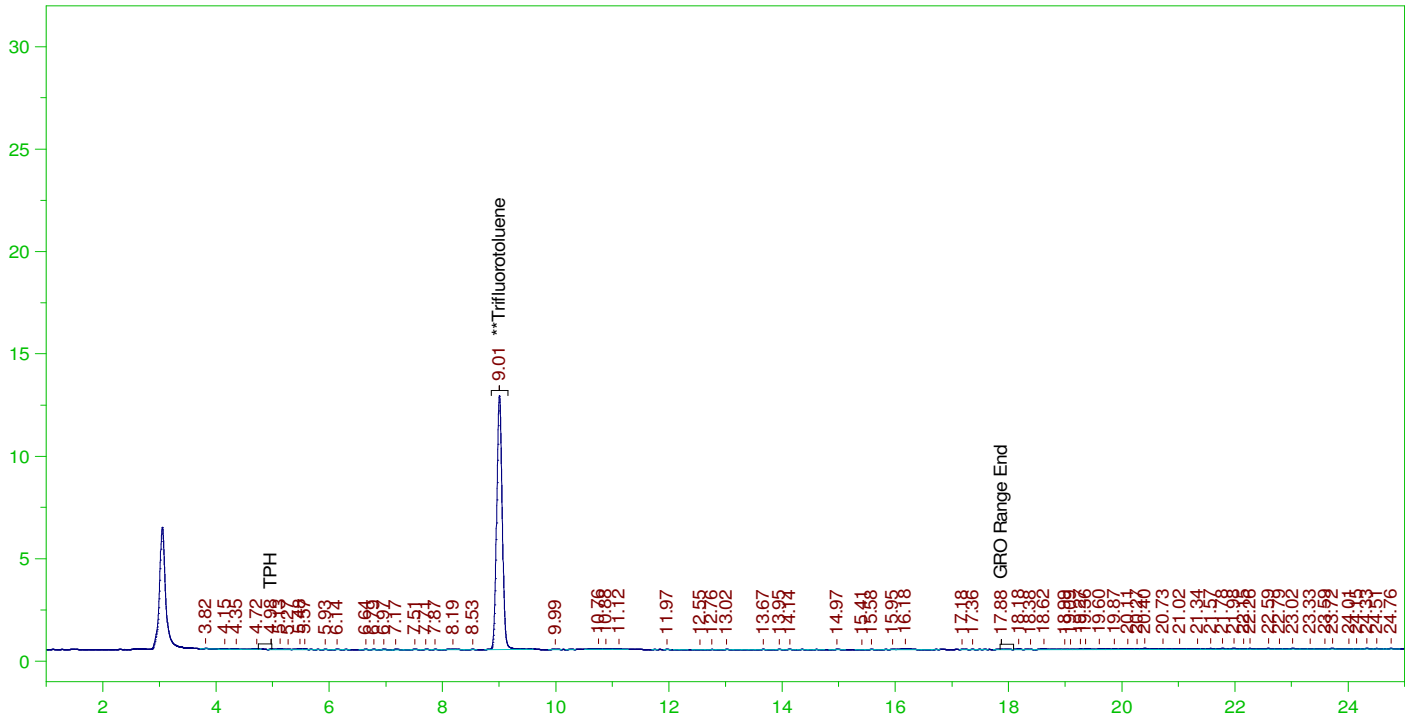
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.007	86803	25.	18.751	75.

C6 to C10 Area:2958.549 C6 to C10 Amount: 0.6037986  
TPH Area:6238.941 TPH Amount: 1.305662

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0041.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0041.RAW  
 Date & Time Acquired: 3/12/2022 6:42:07 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

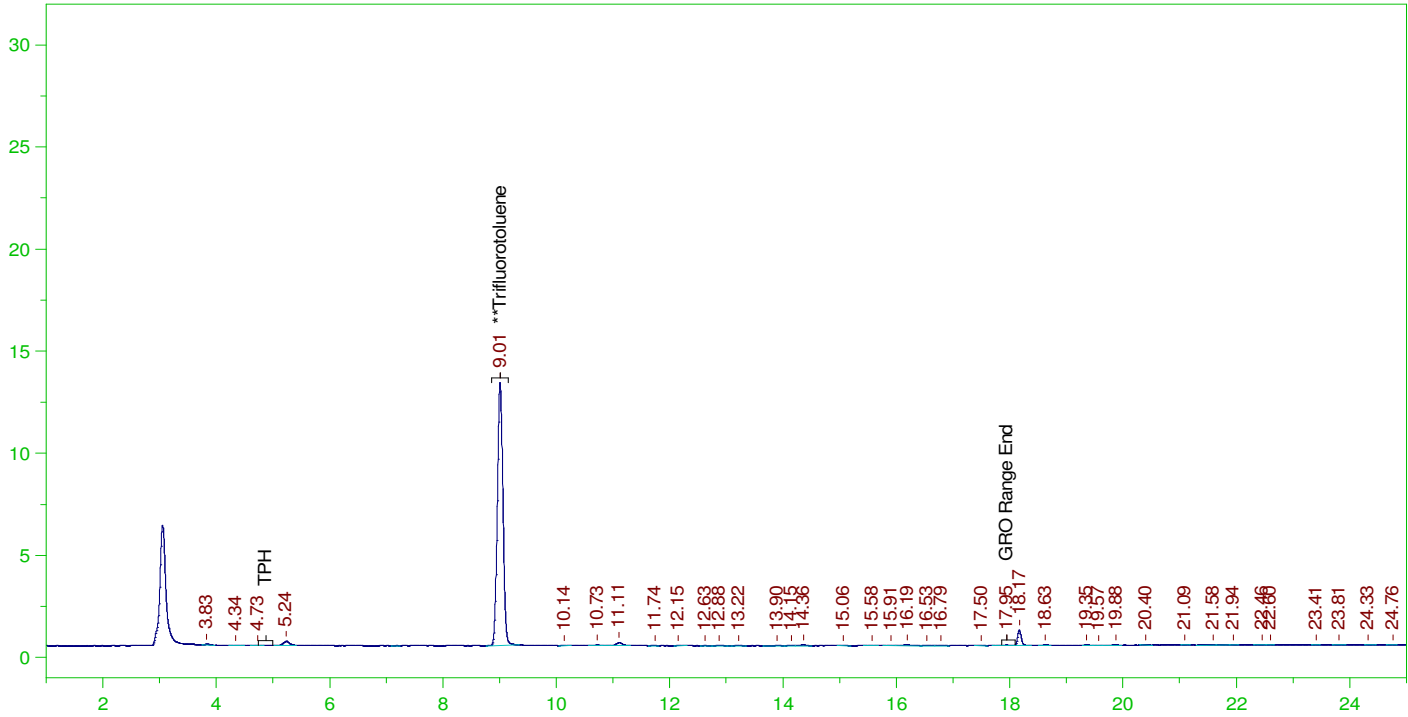
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.007	125.	91.998	73.6

C6 to C10 Area:4736.922 C6 to C10 Amount: 4.833698  
 TPH Area:13010.88 TPH Amount: 13.61434

ERH2739 (Trip Blank) 14754

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0042.RAW

B22030703-003A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-003A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0042.RAW  
Date & Time Acquired: 3/12/2022 7:16:22 AM  
Method File: G:\Org\VAR\Methods\211208G703-3DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

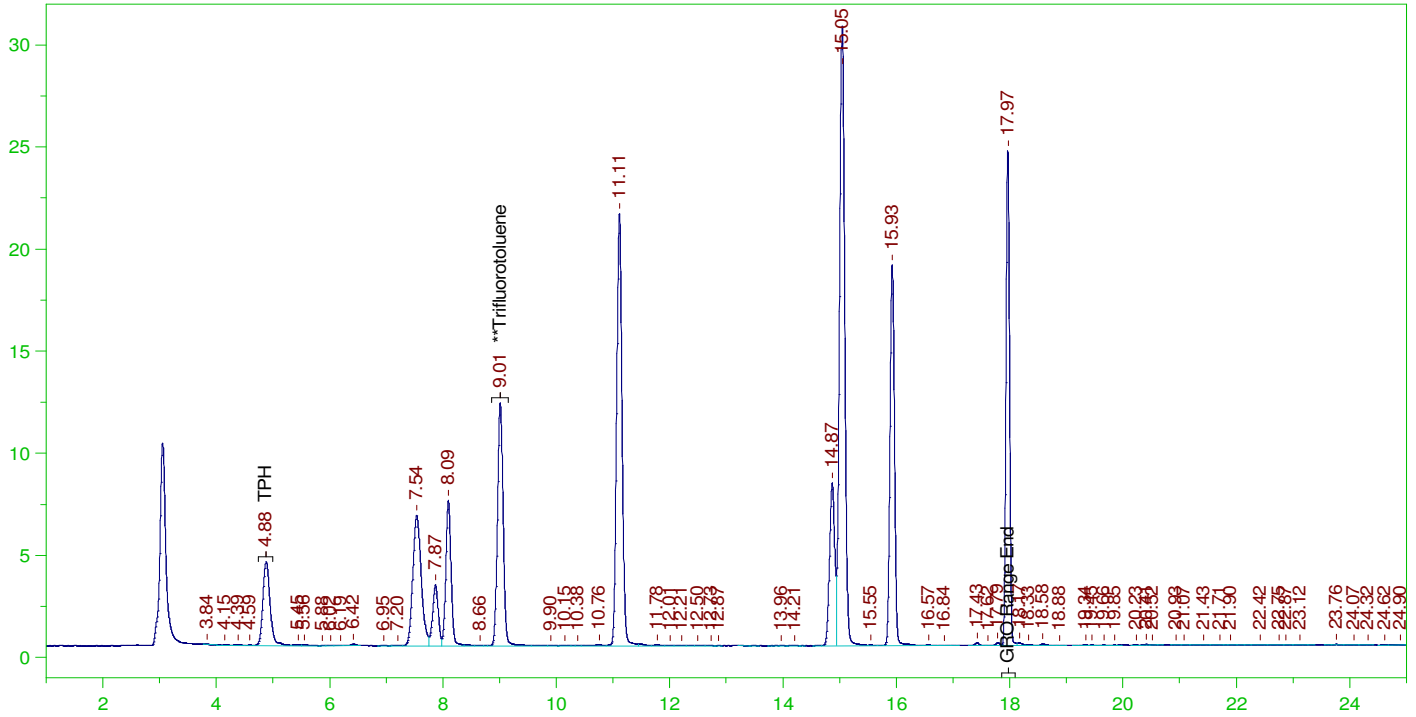
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.008	88242	25.	19.062	76.25	-

C6 to C10 Area:5786.042 C6 to C10 Amount: 1.180851  
TPH Area:11743.15 TPH Amount: 2.457562

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0043.RAW

CCV\_0311VAR43r, GQC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_0311VAR43r, GQC ;0311VAR ,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0043.RAW  
Date & Time Acquired: 3/12/2022 7:50:40 AM  
Method File: G:\Org\VAR\Methods\211208GRO\_DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.01	83012	125.	89.661	71.73

C6 to C10 Area:773720.1 C6 to C10 Amount: 789.5273  
TPH Area:779212.2 TPH Amount: 815.353

CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0043.RAW

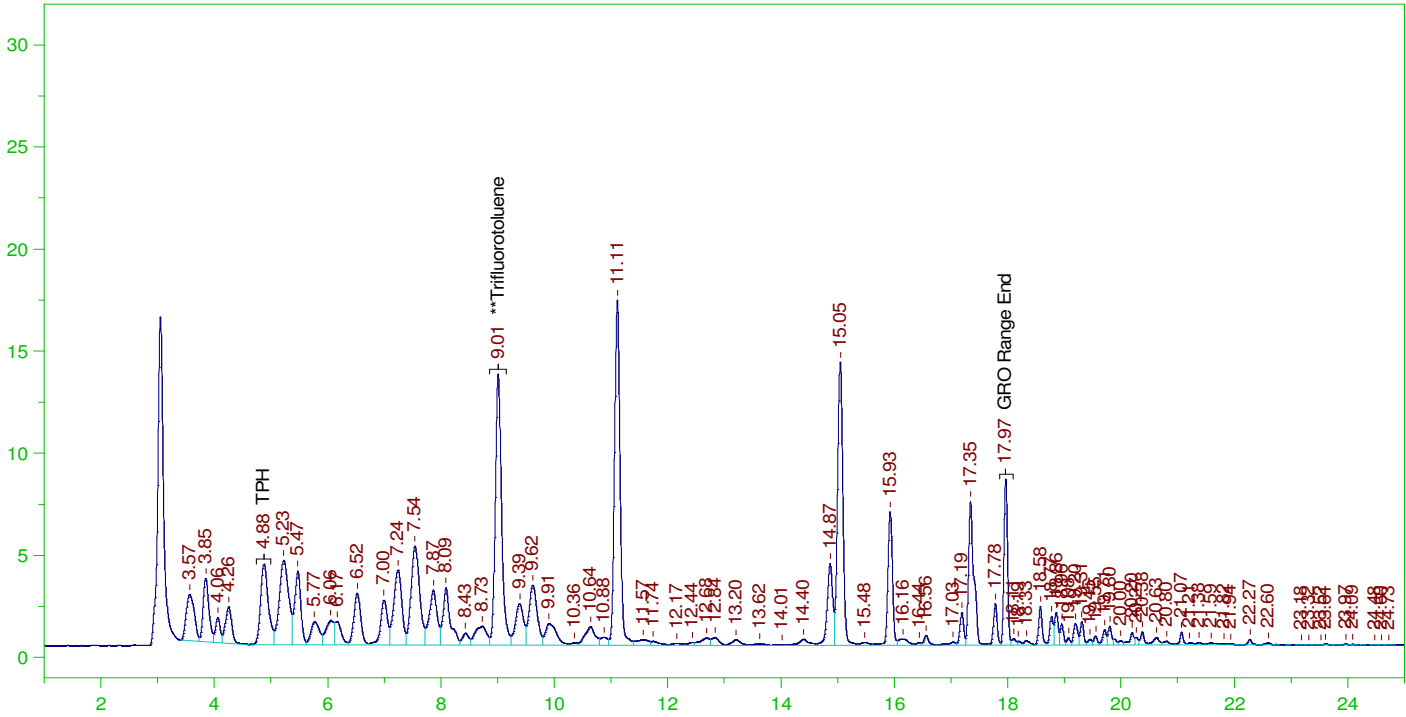
COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
C6 to C10	840.	789.53	93.99	85-115
TPH	1000.	815.35	81.54	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.01	125.	89.661	71.73	85-115



G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0044.RAW

CCV\_0311VAR44r, GQC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_0311VAR44r, GQC ;0311VAR ,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0044.RAW  
Date & Time Acquired: 3/12/2022 8:24:57 AM  
Method File: G:\Org\VAR\Methods\211208GCCV0311\_44DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.01	102144	125.	110.325	88.26

C6 to C10 Area:825599.8 C6 to C10 Amount: 842.467  
TPH Area:966756.1 TPH Amount: 1011.595

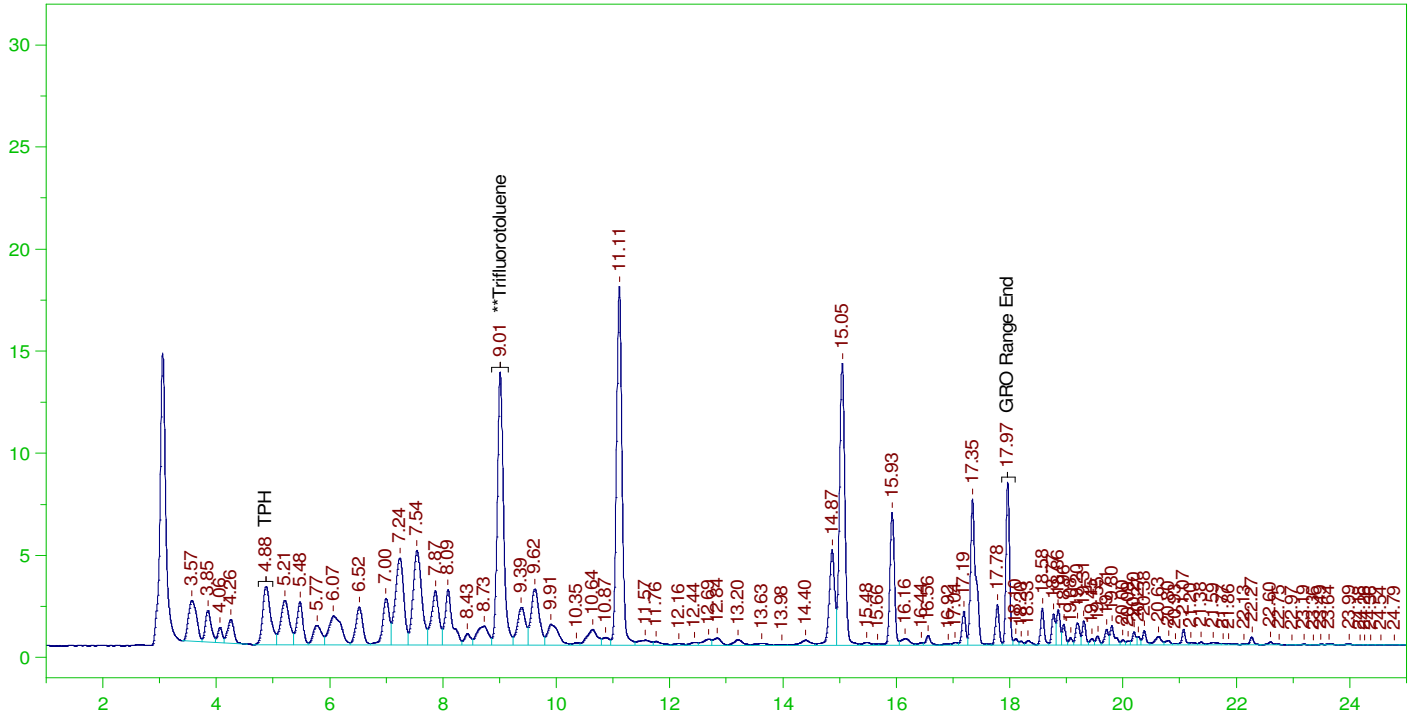
CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0044.RAW

COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
C6 to C10	840.	842.47	100.29	85-115
TPH	1000.	1011.6	101.16	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.01	125.	110.325	88.26	85-115

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0045.RAW

LCS\_0311VAR45r, GQC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: LCS\_0311VAR45r, GQC ;0311VAR ,  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0045.RAW  
 Date & Time Acquired: 3/12/2022 8:59:04 AM  
 Method File: G:\Org\VAR\Methods\211208GLCS0311\_45DoDBA%.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 5 Dilution: 1 S.A.: 1

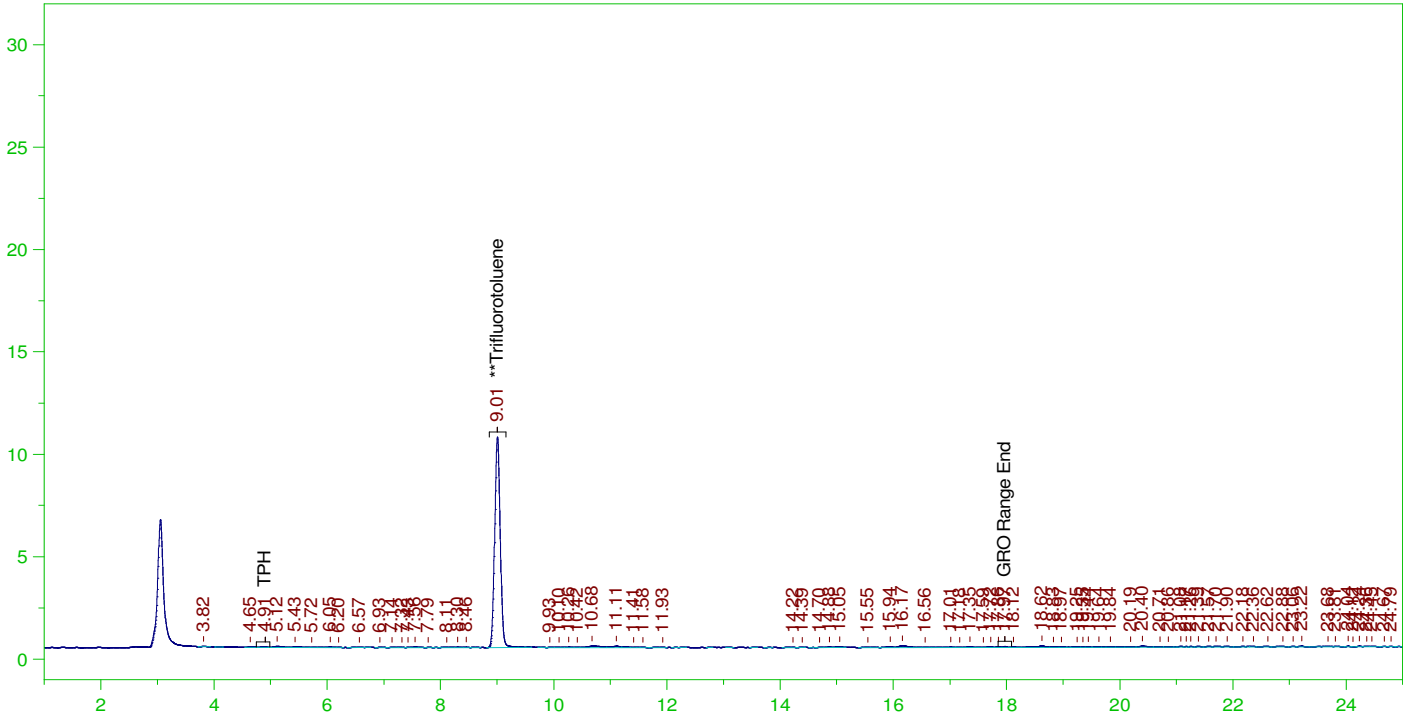
Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.01	100942	25.	21.805	87.22

C6 to C10 Area:778384.9 C6 to C10 Amount: 158.8575  
 TPH Area:905875.2 TPH Amount: 189.5782

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0046.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0046.RAW  
 Date & Time Acquired: 3/12/2022 9:33:16 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

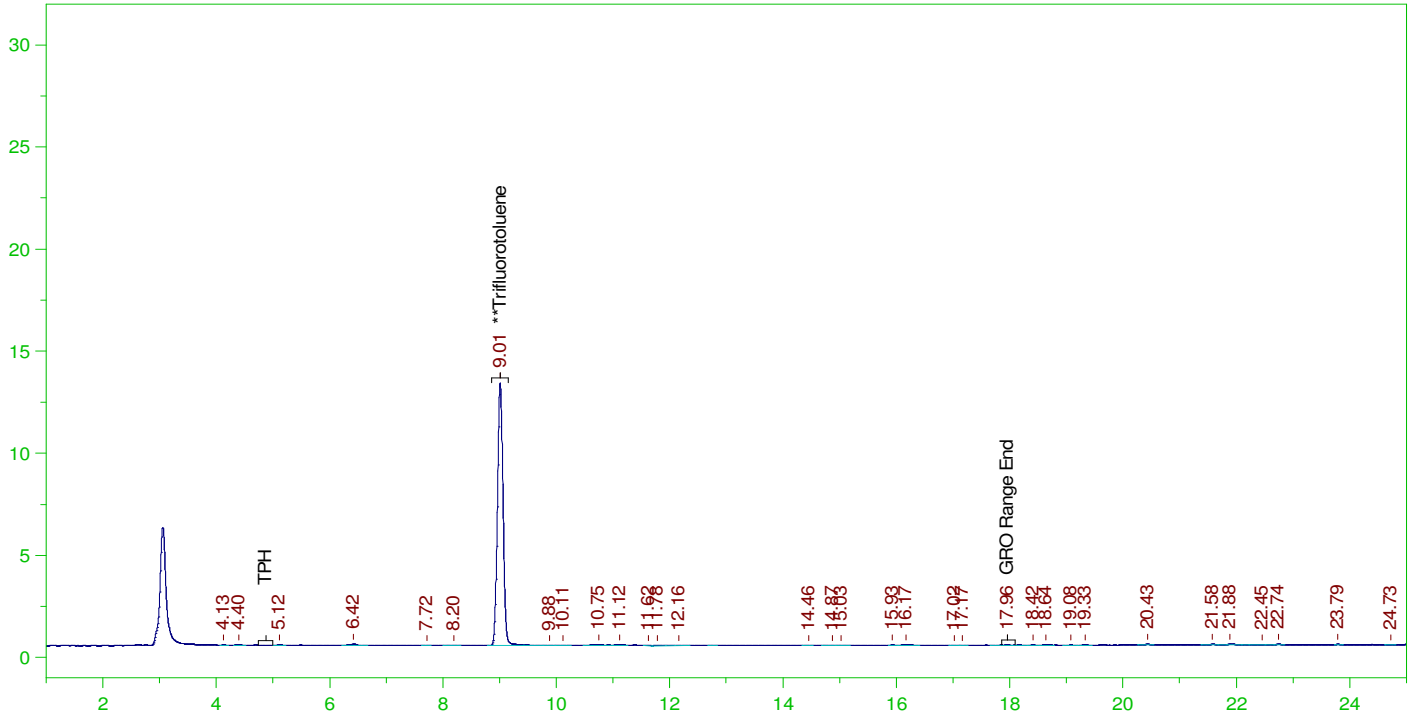
Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.007	125.	76.402	61.12

C6 to C10 Area:8091.742 C6 to C10 Amount: 8.257058  
 TPH Area:16381.34 TPH Amount: 17.14113

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0047.RAW

MBLK\_0311VAR47r, QC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: MBLK\_0311VAR47r, QC ;0311VAR ,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0047.RAW  
Date & Time Acquired: 3/12/2022 10:07:30 AM  
Method File: G:\Org\VAR\Methods\211208GMB0311\_47DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

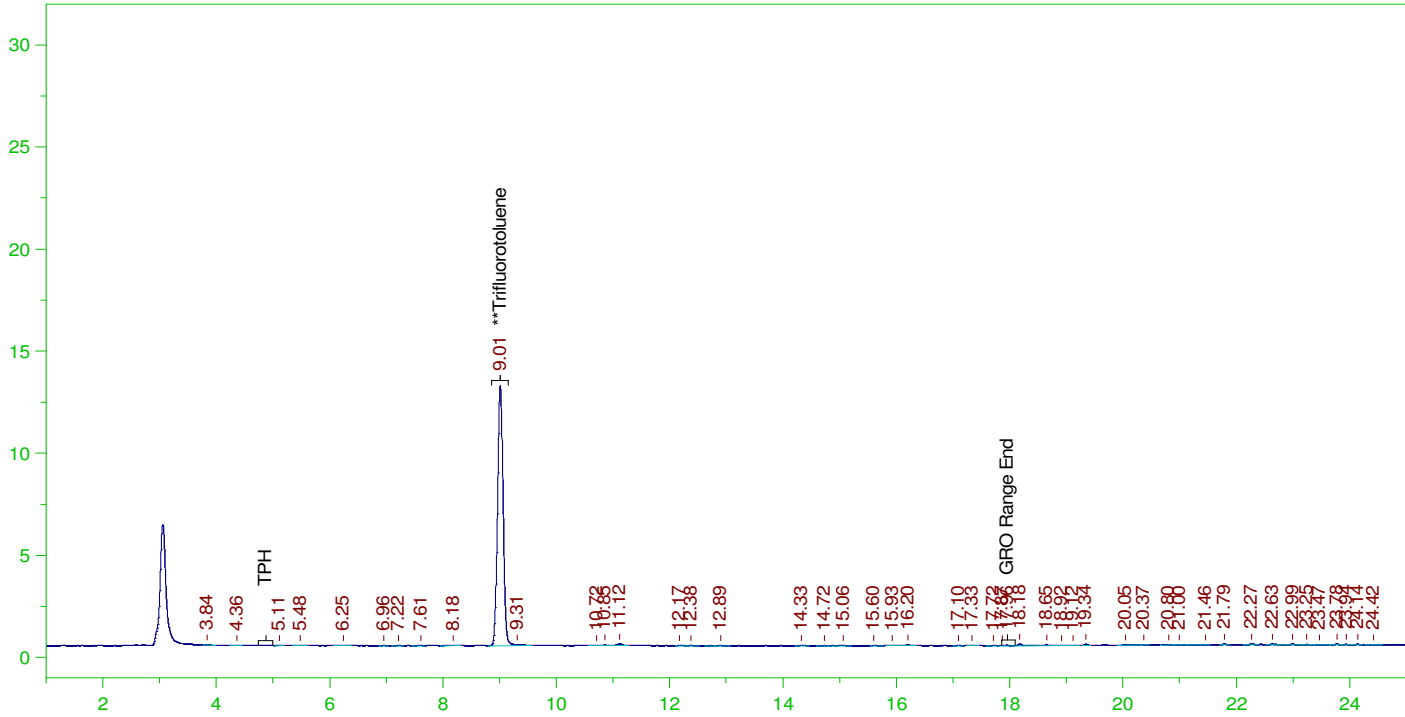
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.009	88887	25.	19.201	76.81	-

C6 to C10 Area:4029.174 C6 to C10 Amount: 0.8222982  
TPH Area:6618.668 TPH Amount: 1.38513

ERH2712 (RHMW03)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0048.RAW

B22030703-021F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-021F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0048.RAW  
Date & Time Acquired: 3/12/2022 10:41:39 AM  
Method File: G:\Org\VAR\Methods\211208G703-21DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

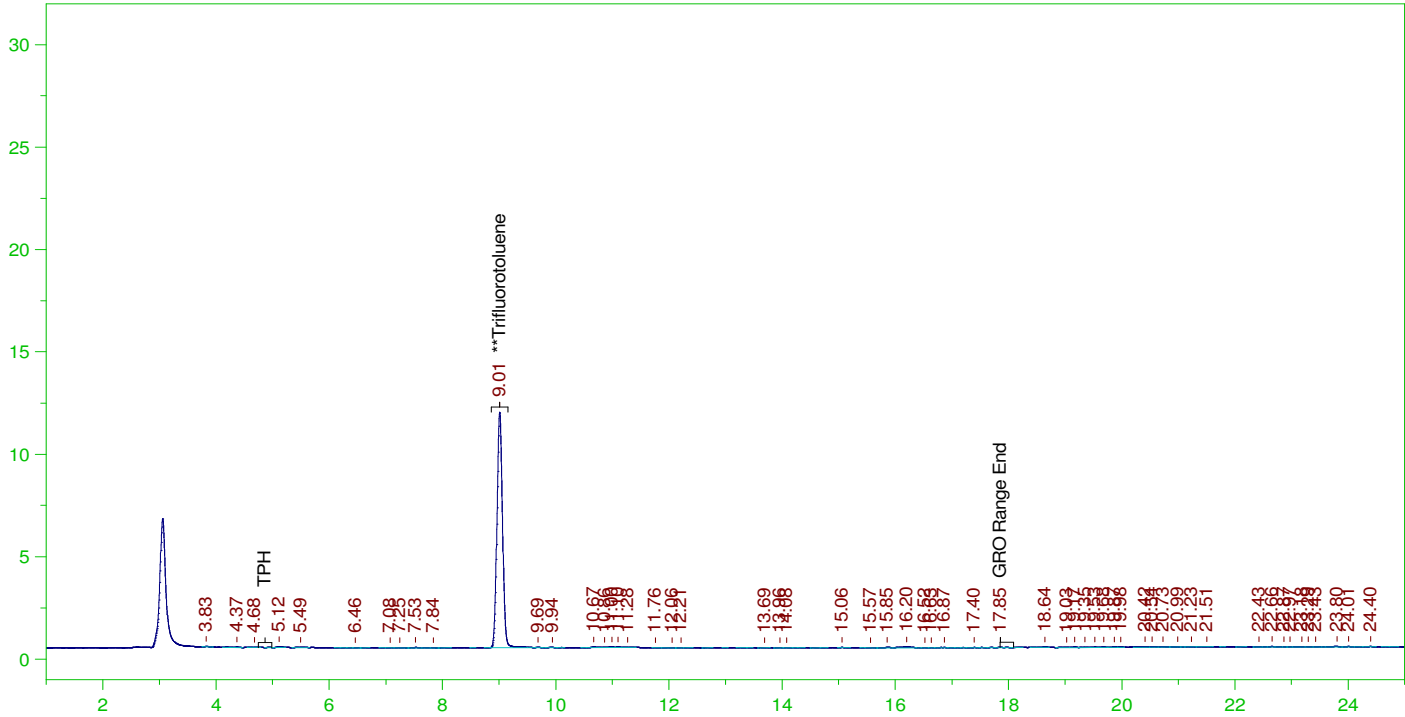
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.011	87454	25.	18.892	75.57

C6 to C10 Area:3500.123 C6 to C10 Amount: 0.7143263  
TPH Area:7455.897 TPH Amount: 1.560342

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0049.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0049.RAW  
 Date & Time Acquired: 3/12/2022 11:15:53 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

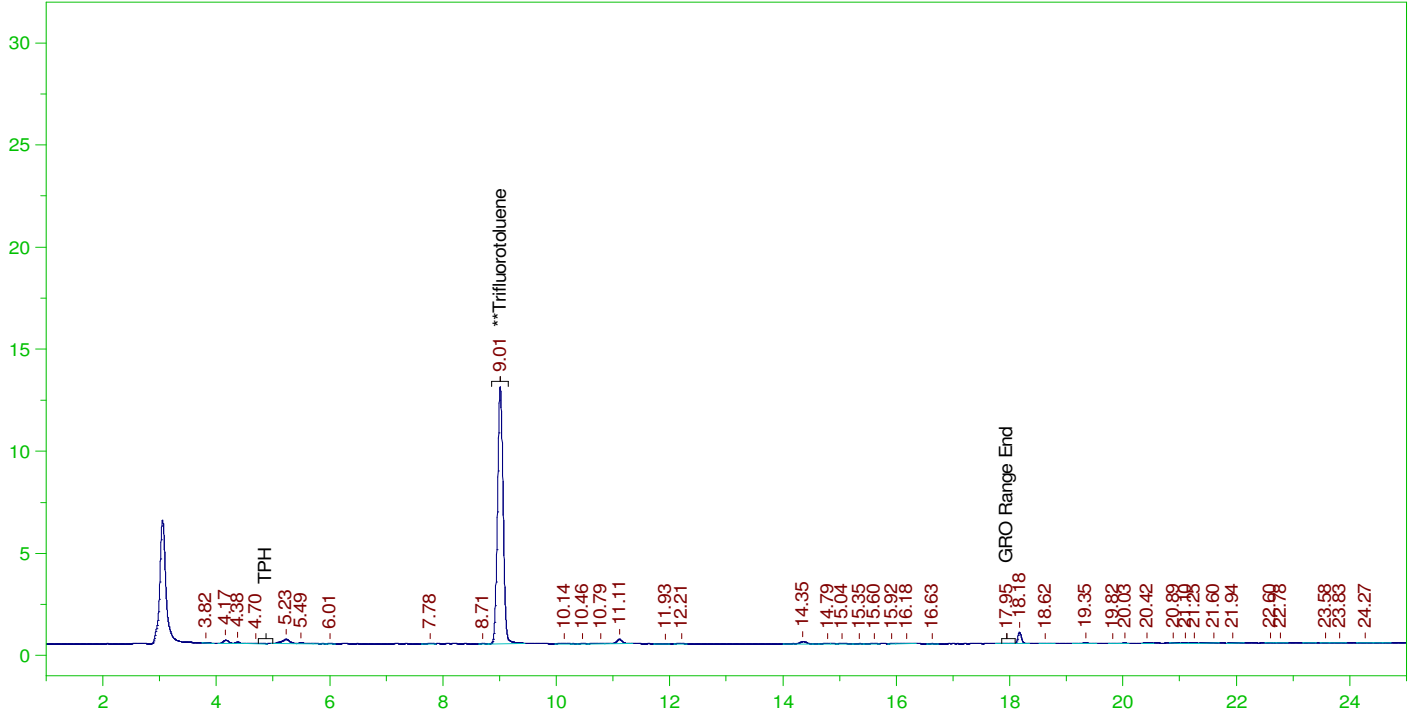
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.011	125.	85.763	68.61

C6 to C10 Area:4527.356 C6 to C10 Amount: 4.619851  
 TPH Area:8181.874 TPH Amount: 8.561358

ERH2615 (Trip Blank)-14733

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0050.RAW

B22030502-004A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030502-004A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0050.RAW  
Date & Time Acquired: 3/12/2022 11:50:10 AM  
Method File: G:\Org\VAR\Methods\211208G502-4DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

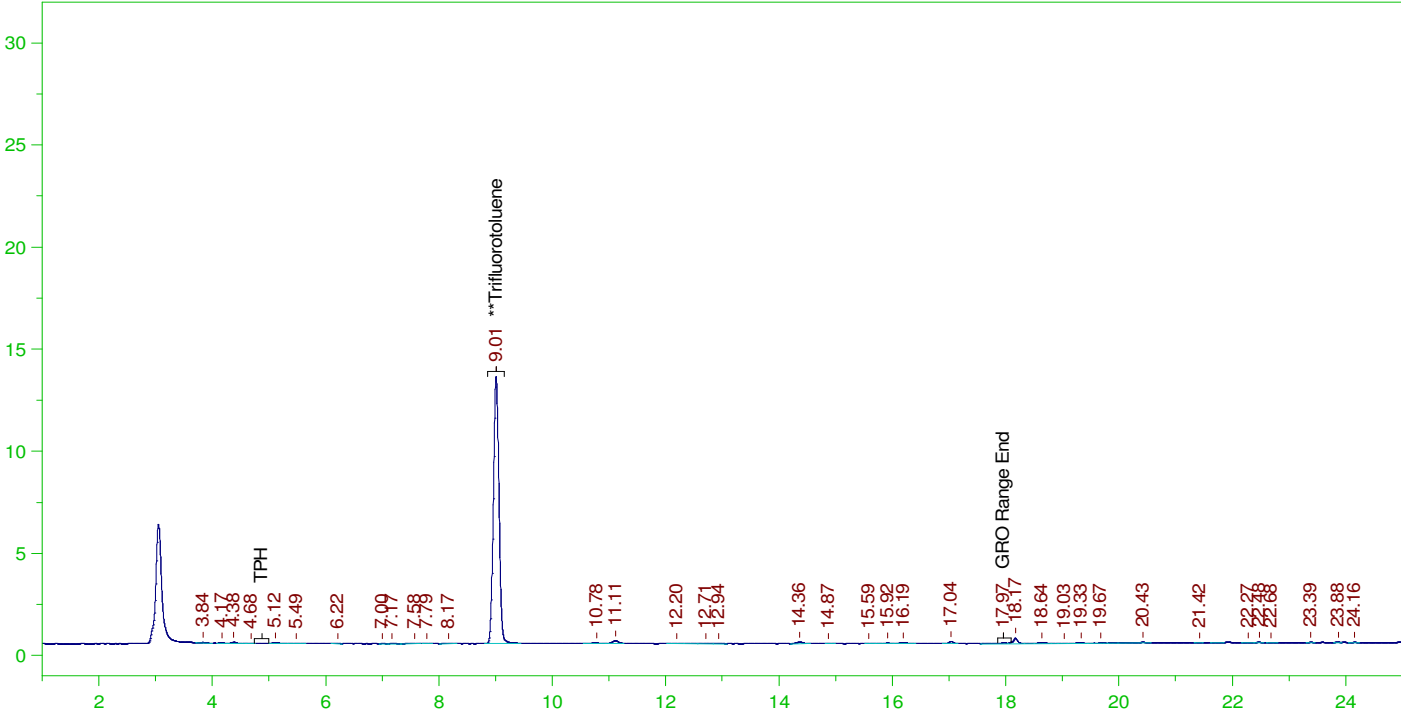
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.011	86585	25.	18.704	74.82

C6 to C10 Area:7809.595 C6 to C10 Amount: 1.593829  
TPH Area:14285.9 TPH Amount: 2.989699

ERH2731 (Trip Blank) 14754

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0051.RAW

B22030703-008A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-008A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0051.RAW  
Date & Time Acquired: 3/12/2022 12:24:30 PM  
Method File: G:\Org\VAR\Methods\211208G703-8DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.008	89556	25.	19.346	77.38	-

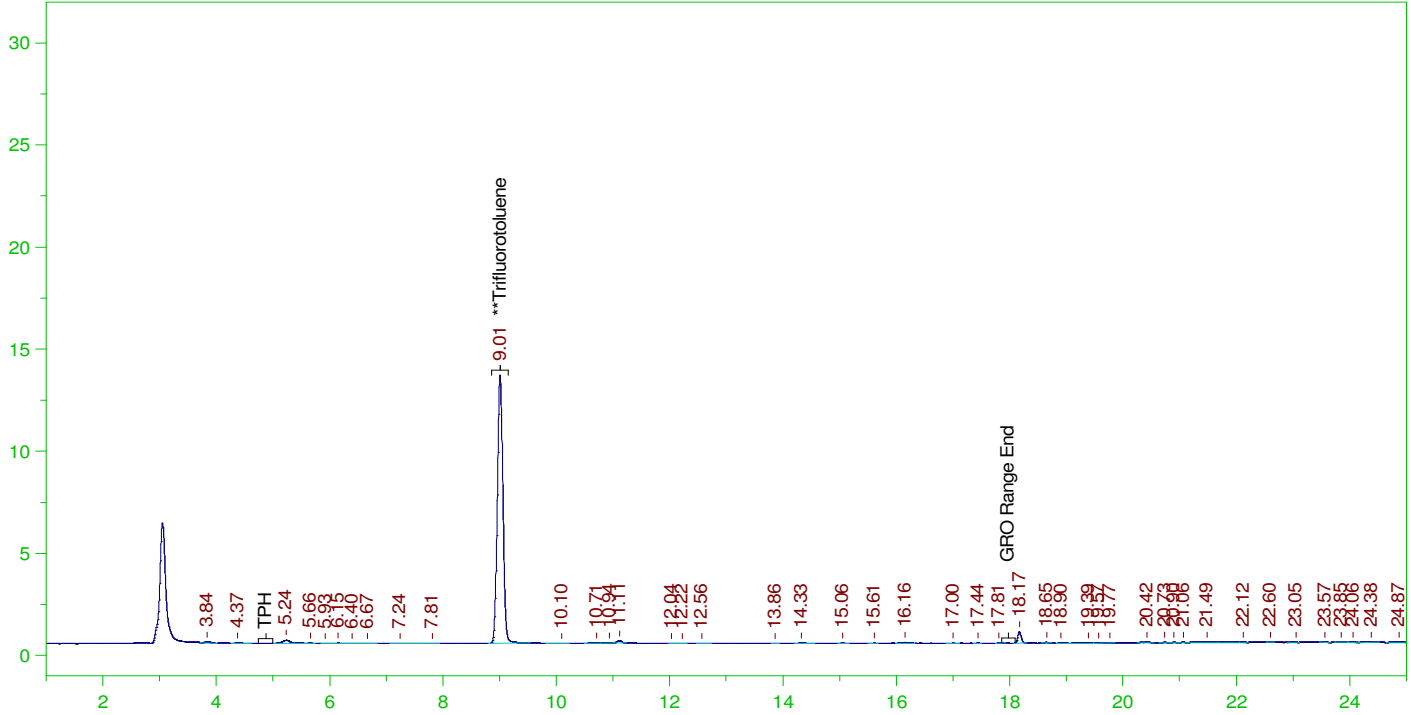
C6 to C10 Area:5266.625 C6 to C10 Amount: 1.074845  
TPH Area:9891.389 TPH Amount: 2.070033



ERH2693 (Trip Blank) 14894

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0052.RAW

B22030703-013A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-013A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0052.RAW  
Date & Time Acquired: 3/12/2022 12:58:52 PM  
Method File: G:\Org\VAR\Methods\211208G703-13DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

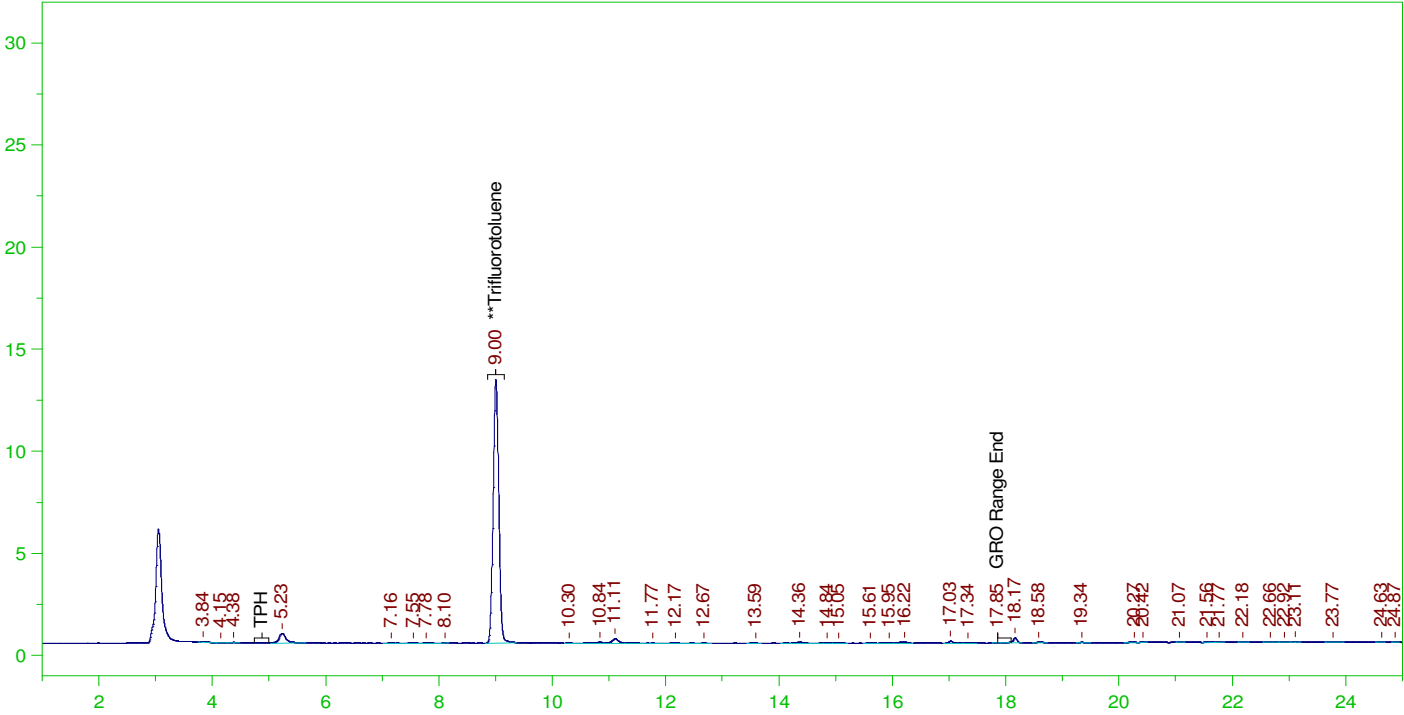
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.008	90143	25.	19.473	77.89	-

C6 to C10 Area:4947.198 C6 to C10 Amount: 1.009654  
TPH Area:11165.16 TPH Amount: 2.336603

ERH2704 (Trip Blank) 14833

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0053.RAW

B22030703-018A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-018A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0053.RAW  
Date & Time Acquired: 3/12/2022 1:33:21 PM  
Method File: G:\Org\VAR\Methods\211208G703-18DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

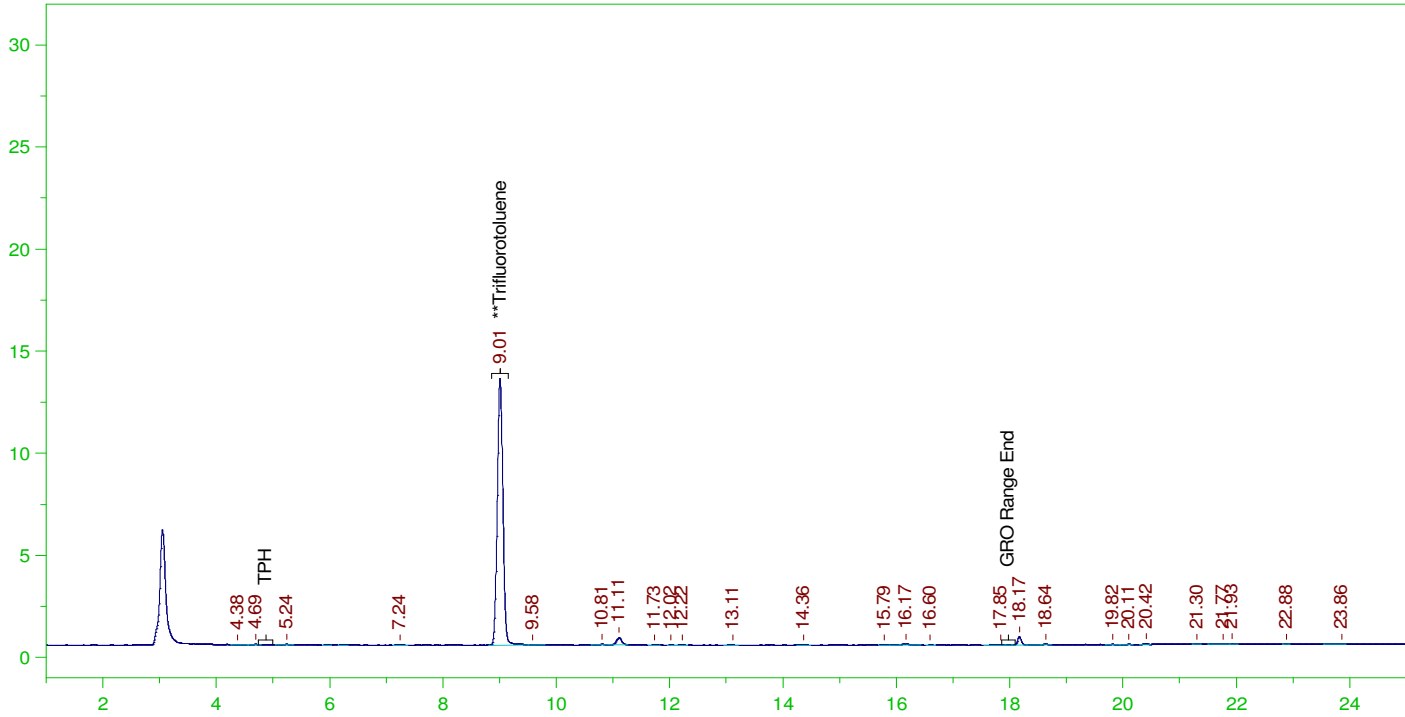
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.005	88699	25.	19.161	76.64	-

C6 to C10 Area:10774.62 C6 to C10 Amount: 2.198949  
TPH Area:14332.54 TPH Amount: 2.999459

ERH2711 (Trip Blank) 14833

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0054.RAW

B22030703-023A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-023A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0054.RAW  
Date & Time Acquired: 3/12/2022 2:07:47 PM  
Method File: G:\Org\VAR\Methods\211208G703-23DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

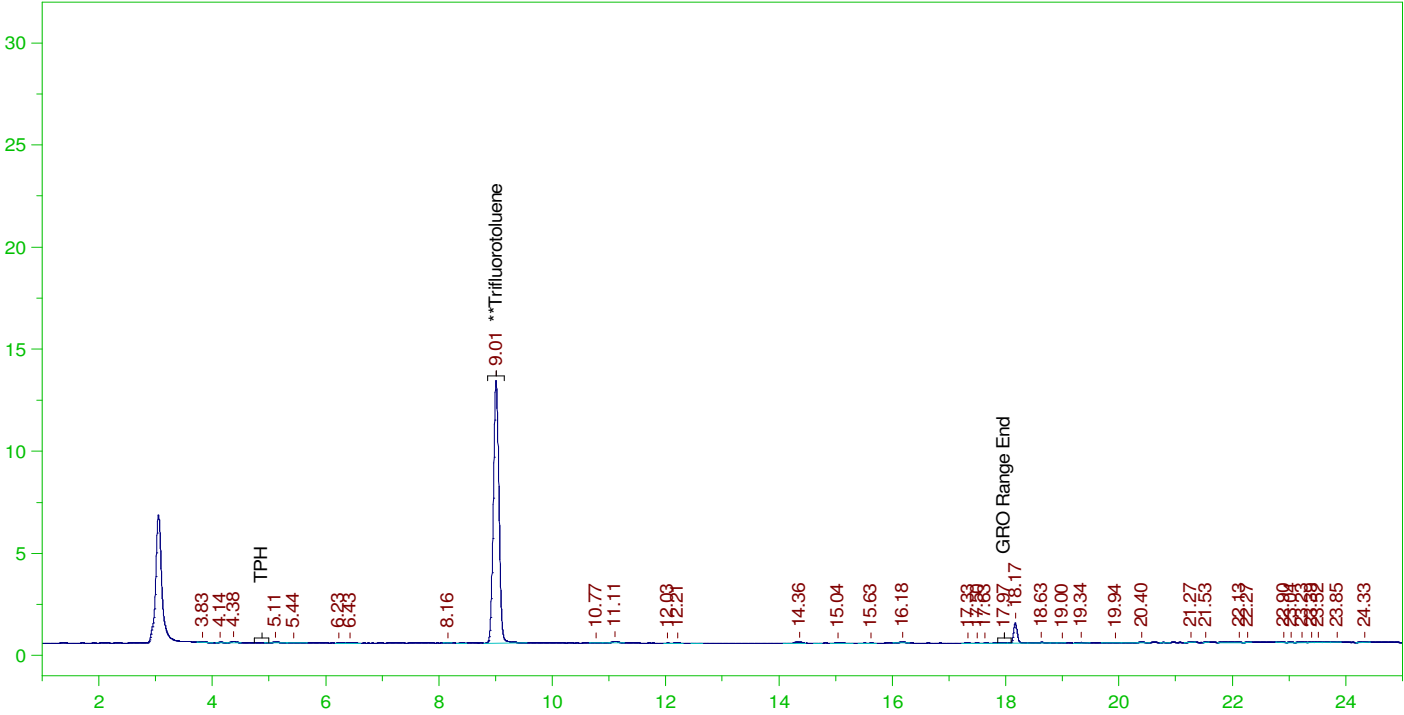
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.007	90218	25.	19.489	77.95	-

C6 to C10 Area:4525.299 C6 to C10 Amount: 0.9235503  
TPH Area:8023.92 TPH Amount: 1.679216

ERH2722 (Trip Blank) 14754

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0055.RAW

B22030703-028A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-028A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0055.RAW  
Date & Time Acquired: 3/12/2022 2:41:59 PM  
Method File: G:\Org\VAR\Methods\211208G703-28DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

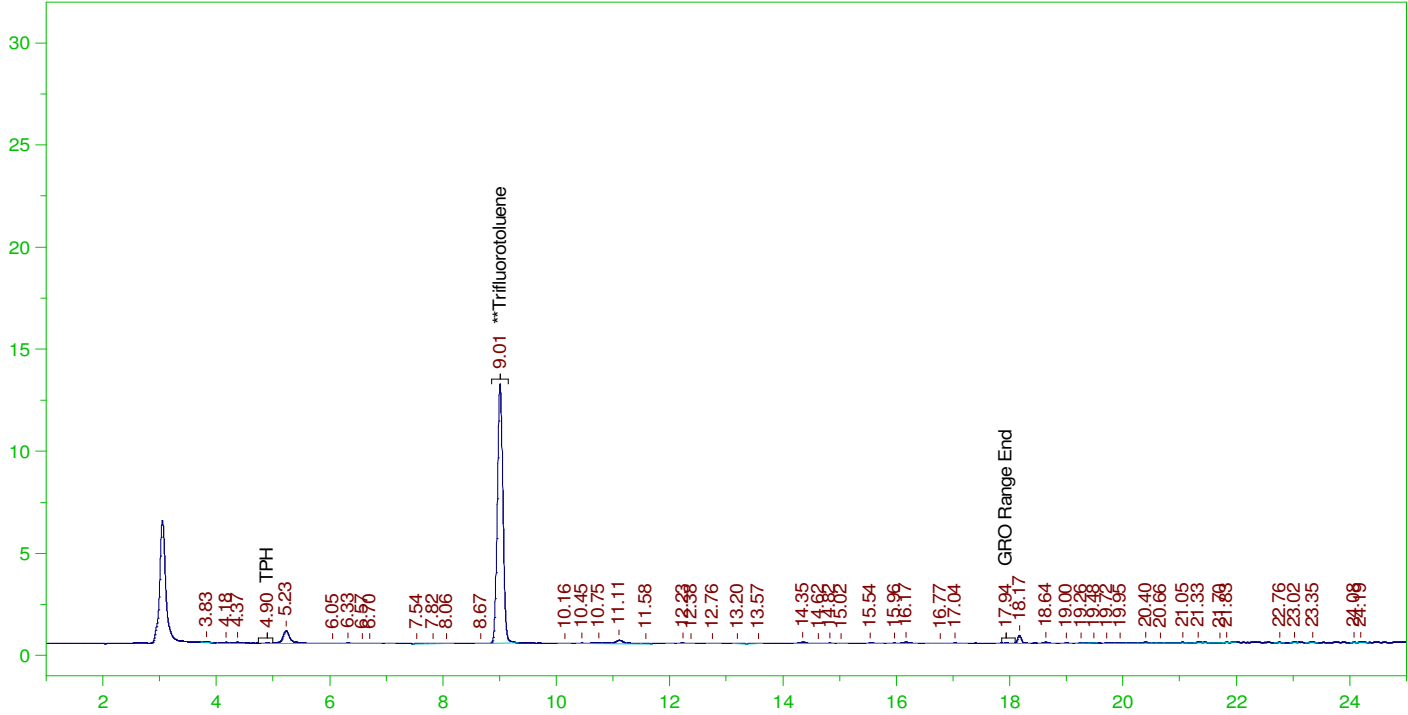
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.008	88630	25.	19.146	76.58

C6 to C10 Area:3862.071 C6 to C10 Amount: 0.7881948  
TPH Area:12672.19 TPH Amount: 2.651989

ERH2714 (Trip Blank) 14694

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0056.RAW

B22030703-033A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-033A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0056.RAW  
Date & Time Acquired: 3/12/2022 3:16:17 PM  
Method File: G:\Org\VAR\Methods\211208G703-33DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

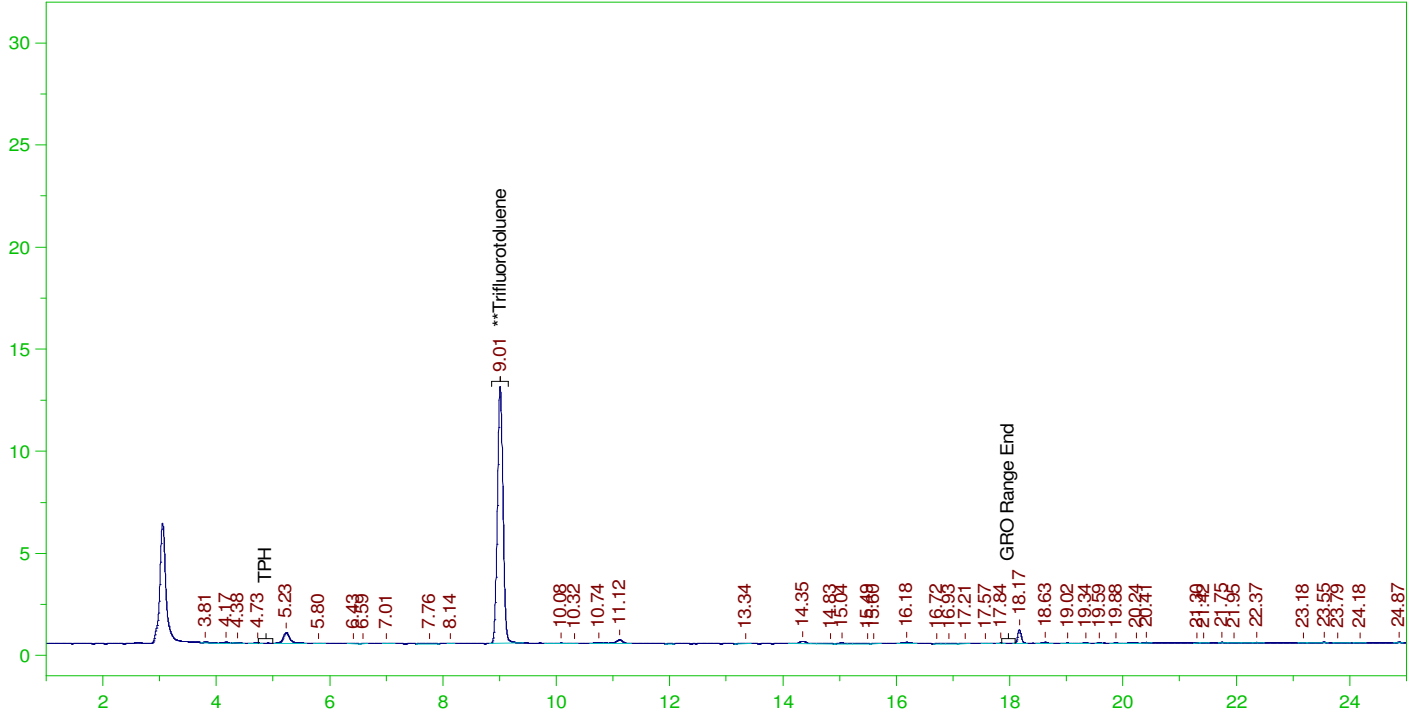
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.007	86873	25.	18.766	75.06

C6 to C10 Area:11779.41 C6 to C10 Amount: 2.404014  
TPH Area:17049.86 TPH Amount: 3.56813

ERH2701 (Trip Blank) 14653

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0057.RAW

B22030703-038A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-038A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0057.RAW  
Date & Time Acquired: 3/12/2022 3:50:30 PM  
Method File: G:\Org\VAR\Methods\211208G703-38DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

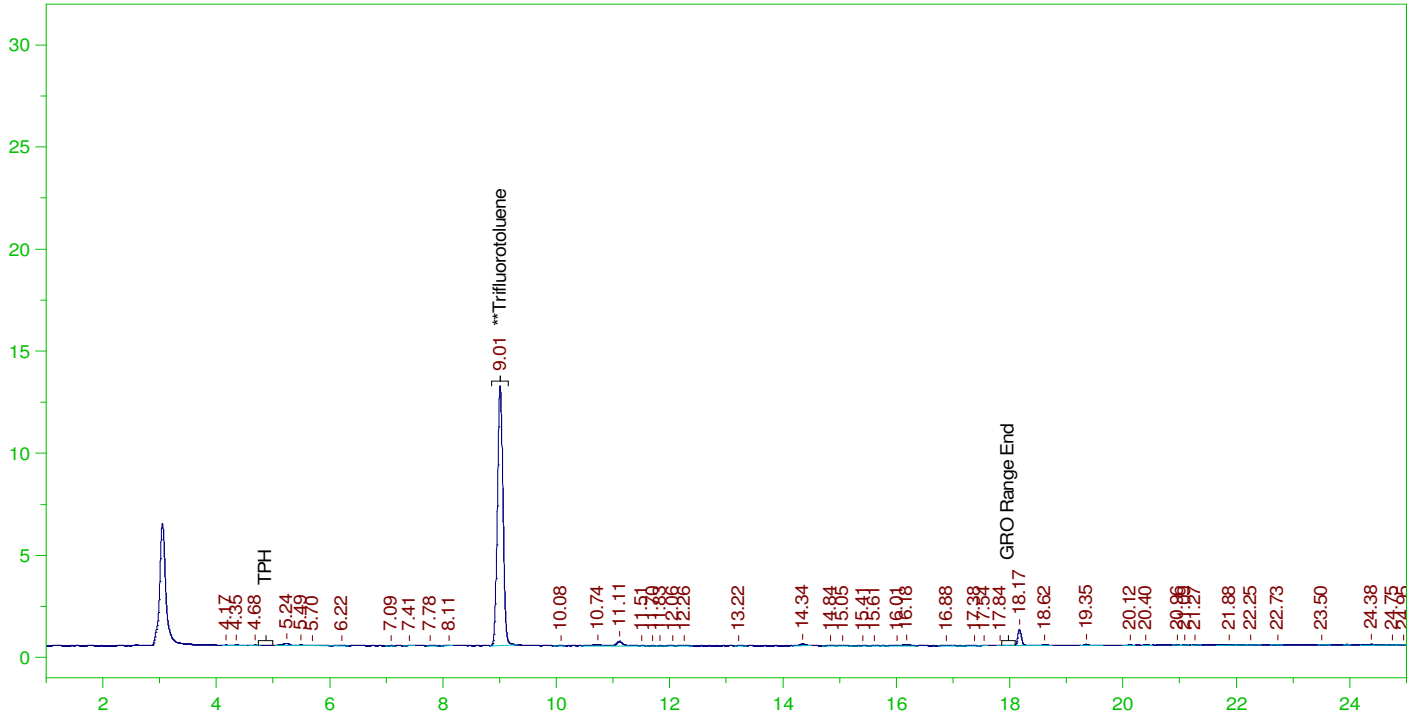
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.009	86527	25.	18.691	74.77

C6 to C10 Area:10363.76 C6 to C10 Amount: 2.115099  
TPH Area:16814.56 TPH Amount: 3.518889

ERH2717 (Trip Blank) 14754

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0058.RAW

B22030703-044A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-044A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0058.RAW  
Date & Time Acquired: 3/12/2022 4:24:44 PM  
Method File: G:\Org\VAR\Methods\211208G703-44DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

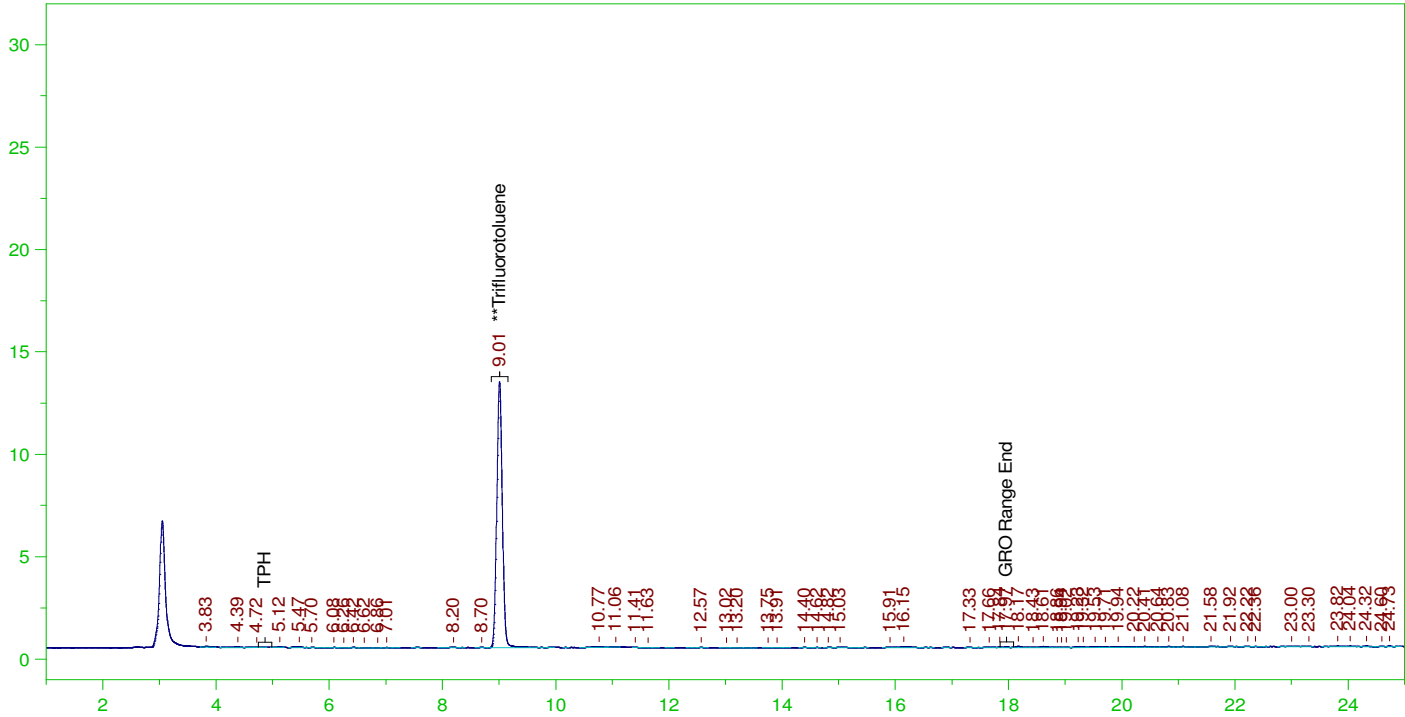
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.009	86877	25.	18.767	75.07

C6 to C10 Area:7925.542 C6 to C10 Amount: 1.617492  
TPH Area:14541.58 TPH Amount: 3.043206

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0059.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0059.RAW  
 Date & Time Acquired: 3/12/2022 4:59:00 PM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

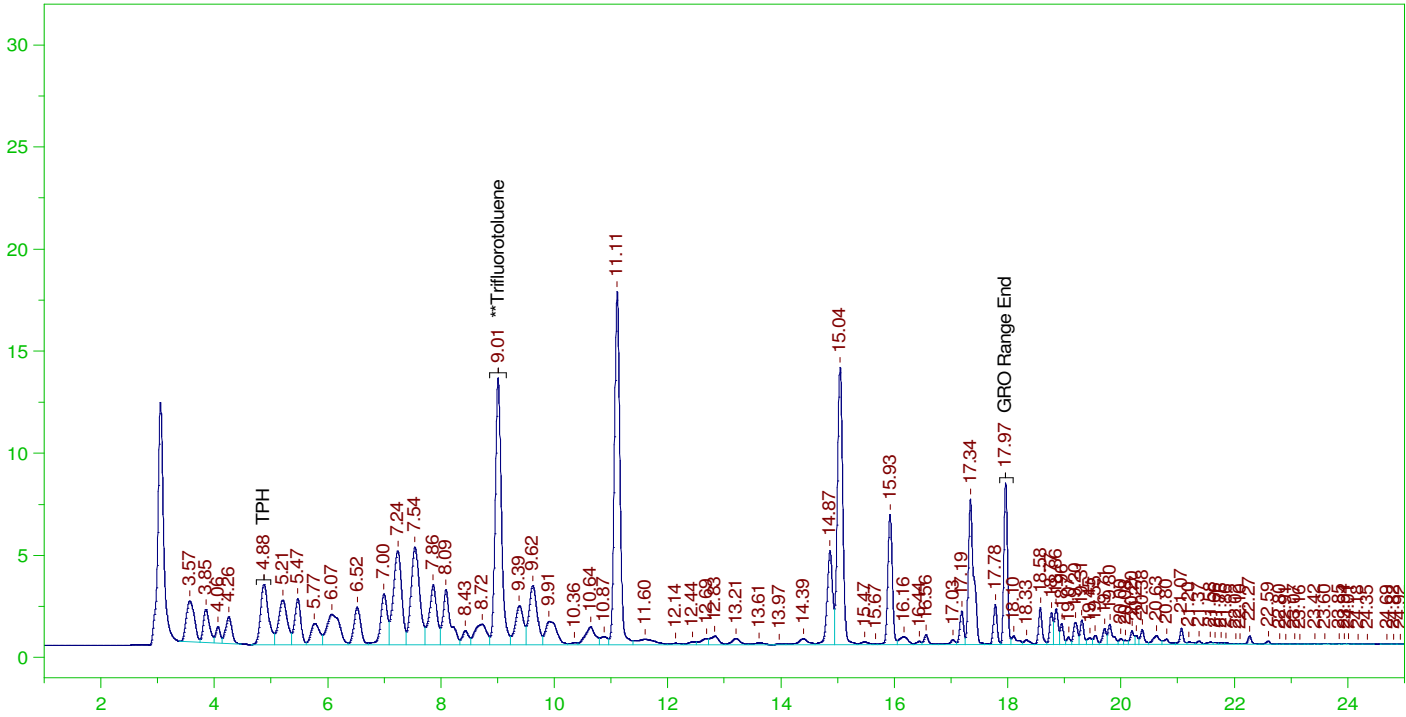
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.008	125.	96.726	77.38

C6 to C10 Area:4318.475 C6 to C10 Amount: 4.406702  
 TPH Area:10643.25 TPH Amount: 11.13689



G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0060.RAW

B22030703-021FMS, GQC ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-021FMS, GQC ;0311VAR , \$HC-8015-GRO-W,  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0060.RAW  
 Date & Time Acquired: 3/12/2022 5:33:18 PM  
 Method File: G:\Org\VAR\Methods\211208G703-21MSDoDBA%.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 5 Dilution: 1 S.A.: 1

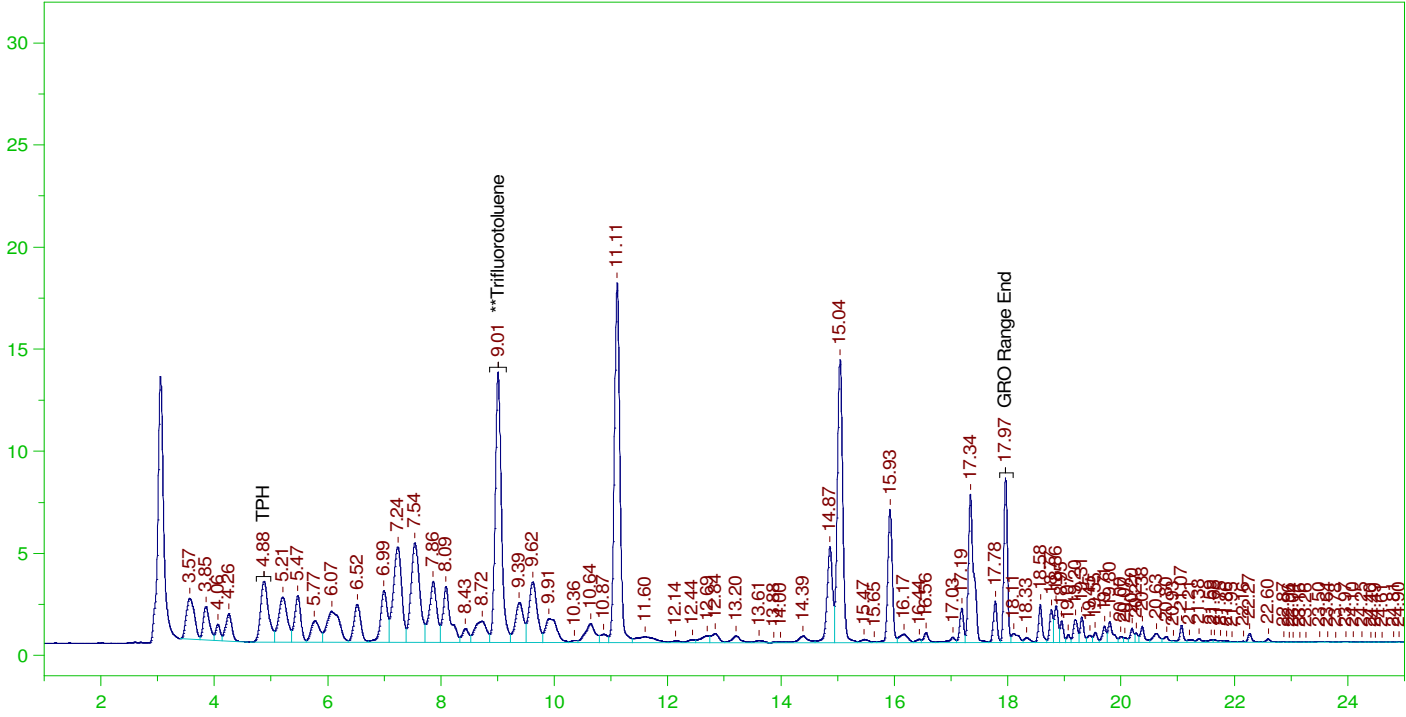
Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.008	99268	25.	21.444	85.78	-

C6 to C10 Area:804710.3 C6 to C10 Amount: 164.2301  
 TPH Area:942631.4 TPH Amount: 197.2704

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0061.RAW

B22030703-021FMSD, GQC ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-021FMSD, GQC ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0061.RAW  
Date & Time Acquired: 3/12/2022 6:07:41 PM  
Method File: G:\Org\VAR\Methods\211208G703-21MSDDoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

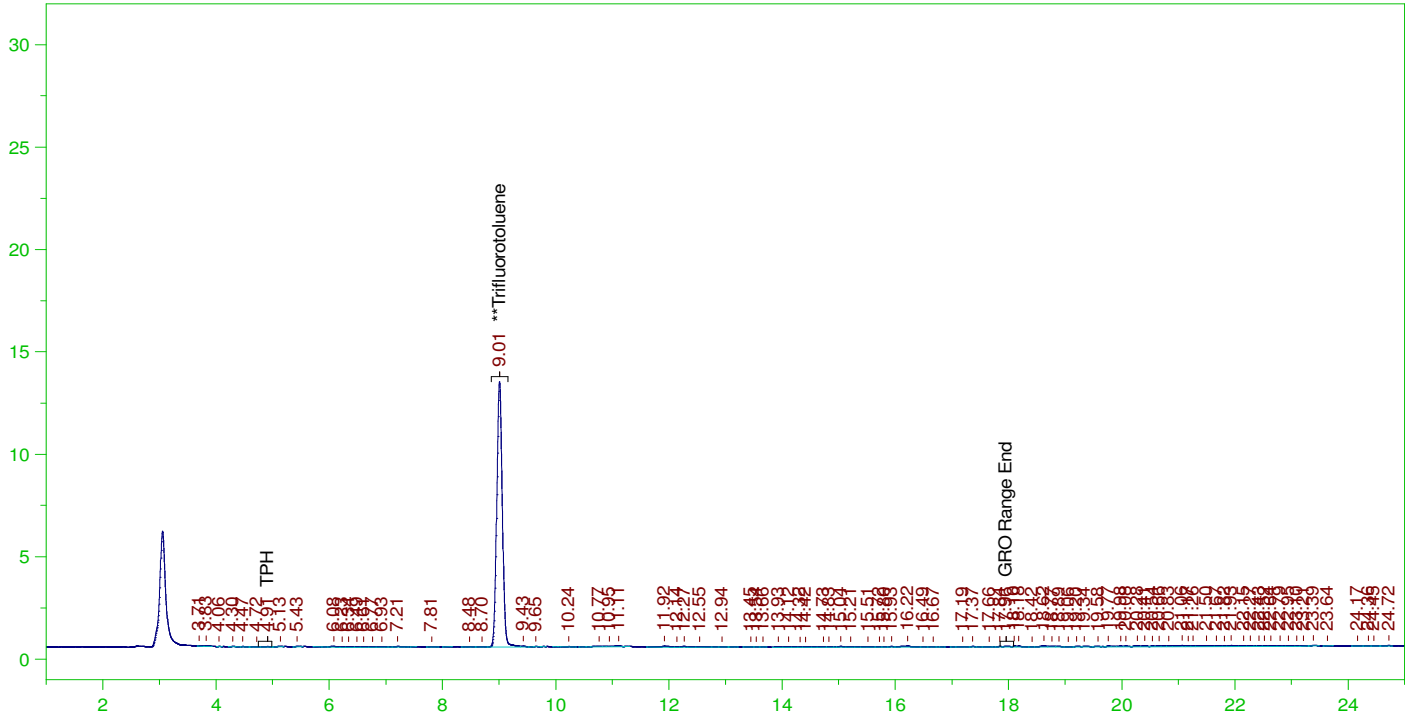
Mean RF for GRO: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.008	100706	25.	21.754	87.02	-

GRO Area:823657.2 GRO Amount: 168.0969  
TPH Area:966856.1 TPH Amount: 202.34

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0062.RAW

BLANK



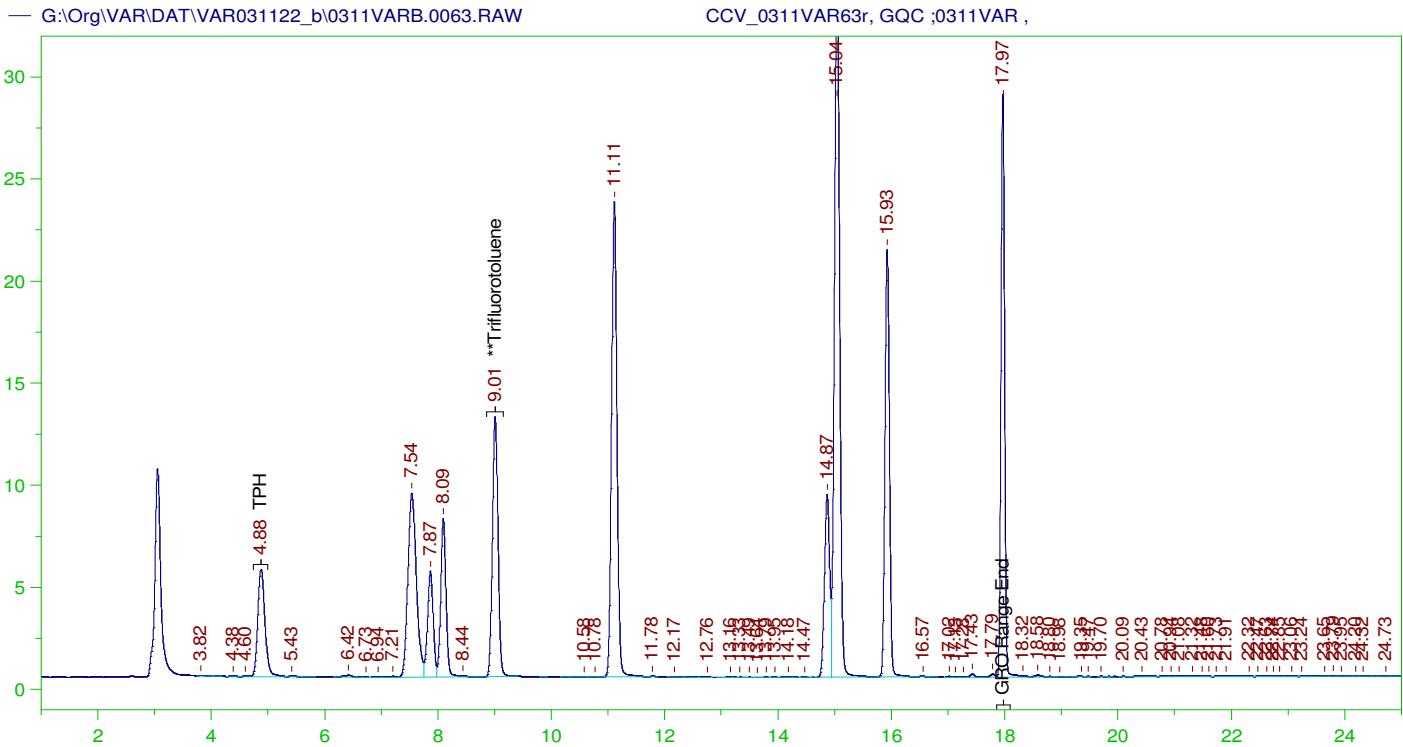
**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0062.RAW  
 Date & Time Acquired: 3/12/2022 6:42:07 PM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.008	125.	96.741	77.39

C6 to C10 Area: 8784.374 C6 to C10 Amount: 8.96384  
 TPH Area: 17969.42 TPH Amount: 18.80286



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_0311VAR63r, GQC ;0311VAR ,  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0063.RAW  
 Date & Time Acquired: 3/12/2022 7:16:31 PM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDBA%.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.009	87492	125.	94.5	75.6

C6 to C10 Area:910237.9 C6 to C10 Amount: 928.8343  
 TPH Area:916863.8 TPH Amount: 959.389

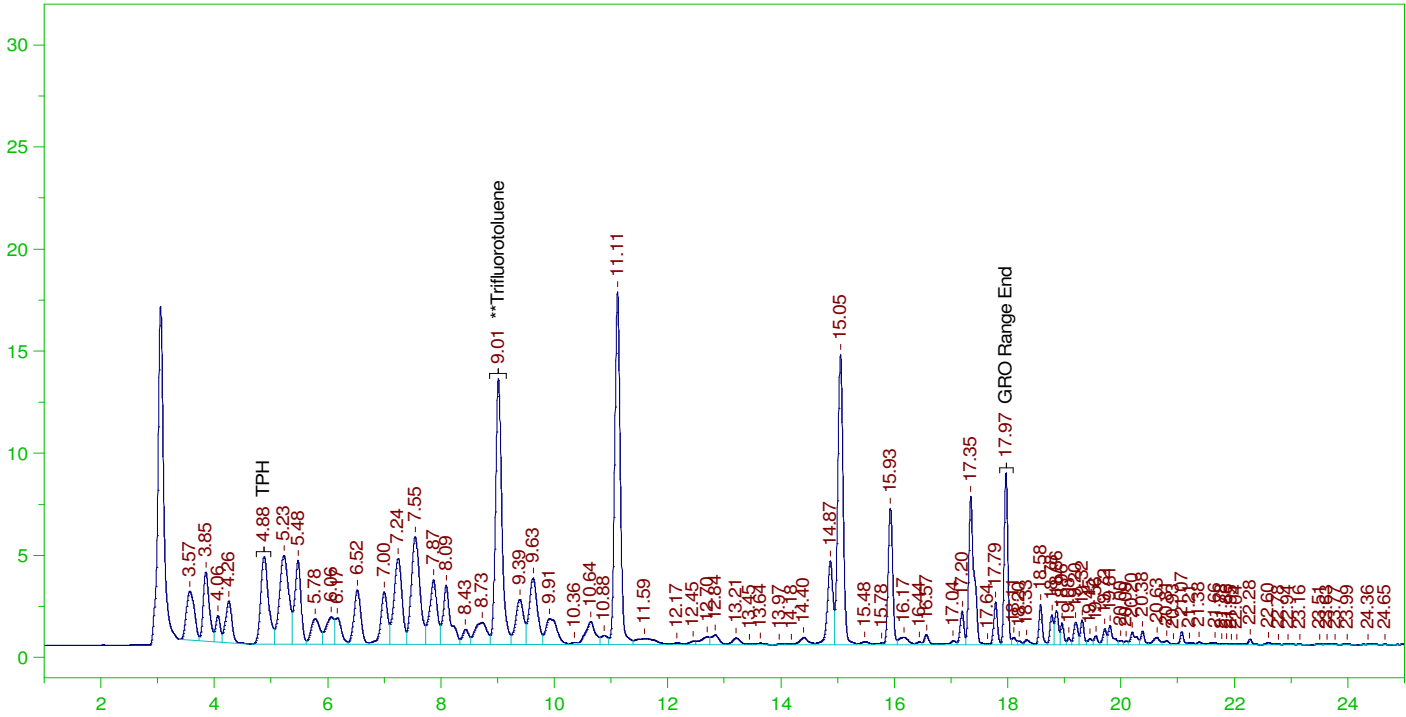
CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0063.RAW

COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
C6 to C10	840.	928.83	110.58	85-115
TPH	1000.	959.39	95.94	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.009	125.	94.5	75.6	85-115

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0064.RAW

CCV\_0311VAR64r, GQC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_0311VAR64r, GQC ;0311VAR ,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0064.RAW  
Date & Time Acquired: 3/12/2022 7:50:58 PM  
Method File: G:\Org\VAR\Methods\211208GCCV0311\_64\_DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.013	101366	125.	109.484	87.59

C6 to C10 Area:896647.3 C6 to C10 Amount: 914.966  
TPH Area:1050677 TPH Amount: 1099.408

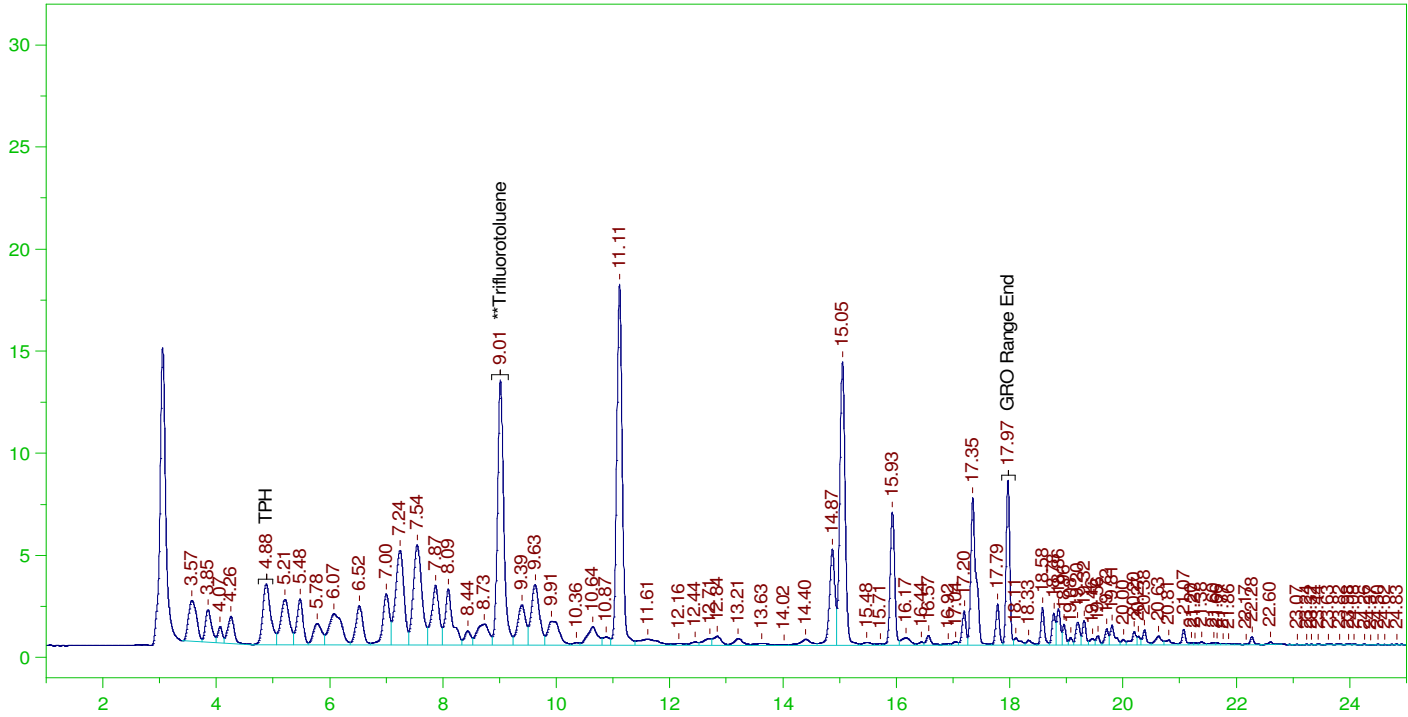
CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0064.RAW

COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
C6 to C10	840.	914.97	108.92	85-115
TPH	1000.	1099.41	109.94	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.013	125.	109.484	87.59	85-115

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0065.RAW

LCS\_0311VAR65r, GQC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: LCS\_0311VAR65r, GQC ;0311VAR ,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0065.RAW  
Date & Time Acquired: 3/12/2022 8:25:10 PM  
Method File: G:\Org\VAR\Methods\211208GLCS0311\_65DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

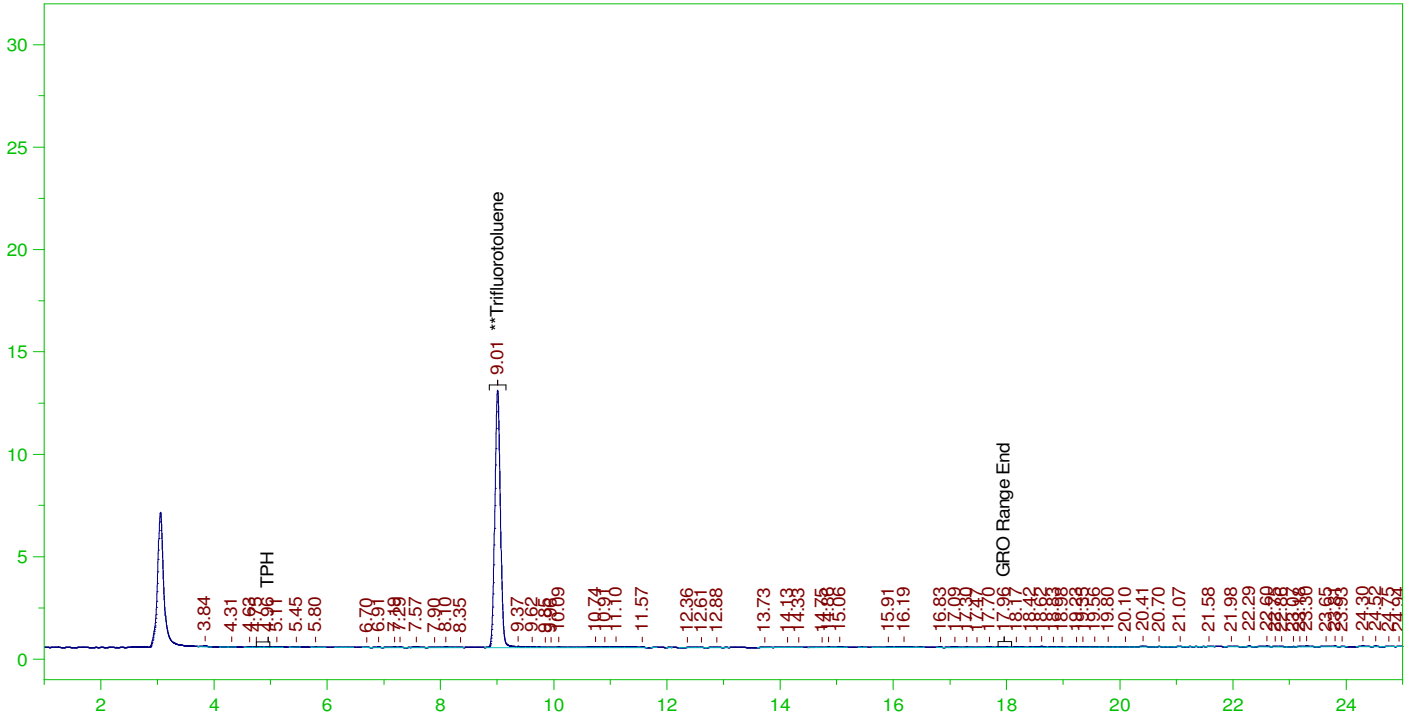
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.013	98750	25.	21.332	85.33	-

C6 to C10 Area:816385.9 C6 to C10 Amount: 166.613  
TPH Area:947532.7 TPH Amount: 198.2961

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0066.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0066.RAW  
 Date & Time Acquired: 3/12/2022 8:59:24 PM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

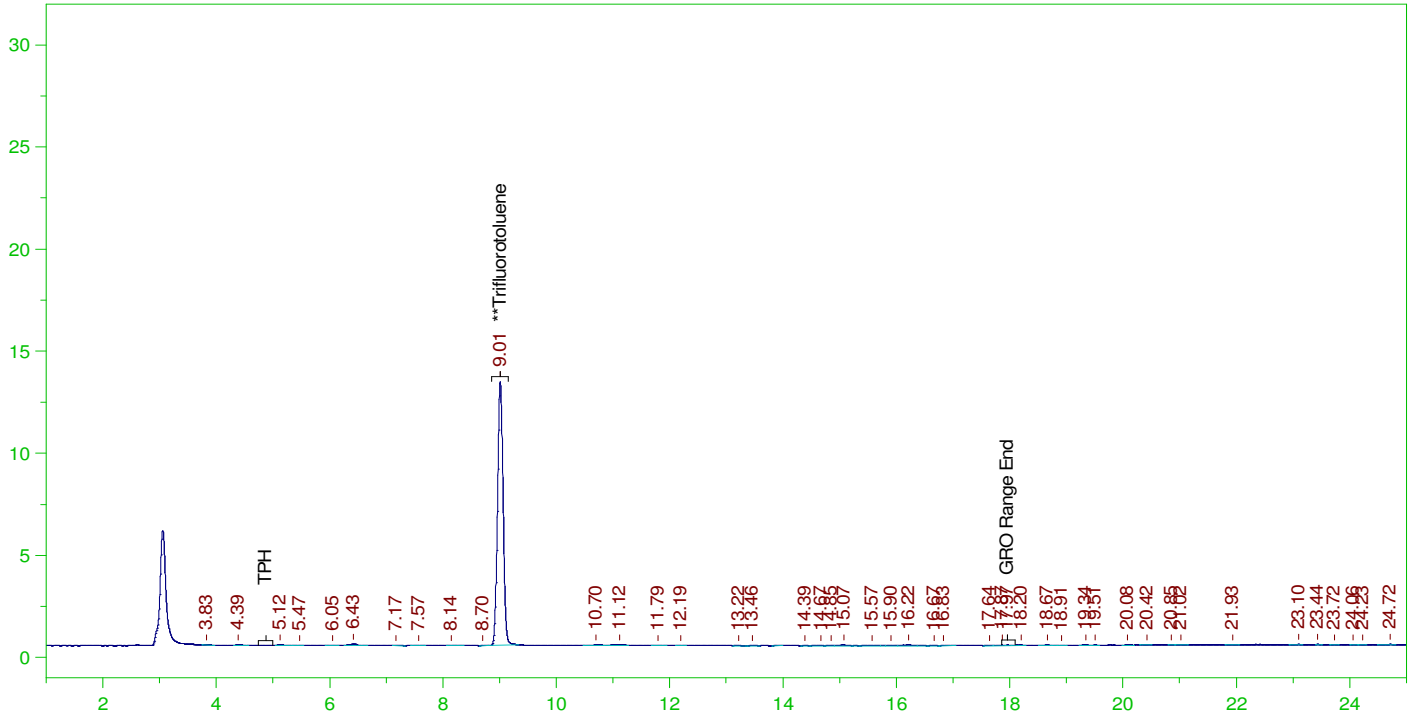
Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.01	125.	93.542	74.83

C6 to C10 Area:6678.4 C6 to C10 Amount: 6.814841  
 TPH Area:11699.23 TPH Amount: 12.24186

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0067.RAW

MBLK\_0311VAR67r, QC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: MBLK\_0311VAR67r, QC ;0311VAR ,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0067.RAW  
Date & Time Acquired: 3/12/2022 9:33:35 PM  
Method File: G:\Org\VAR\Methods\211208GMB0311\_67DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.011	88306	25.	19.076	76.3

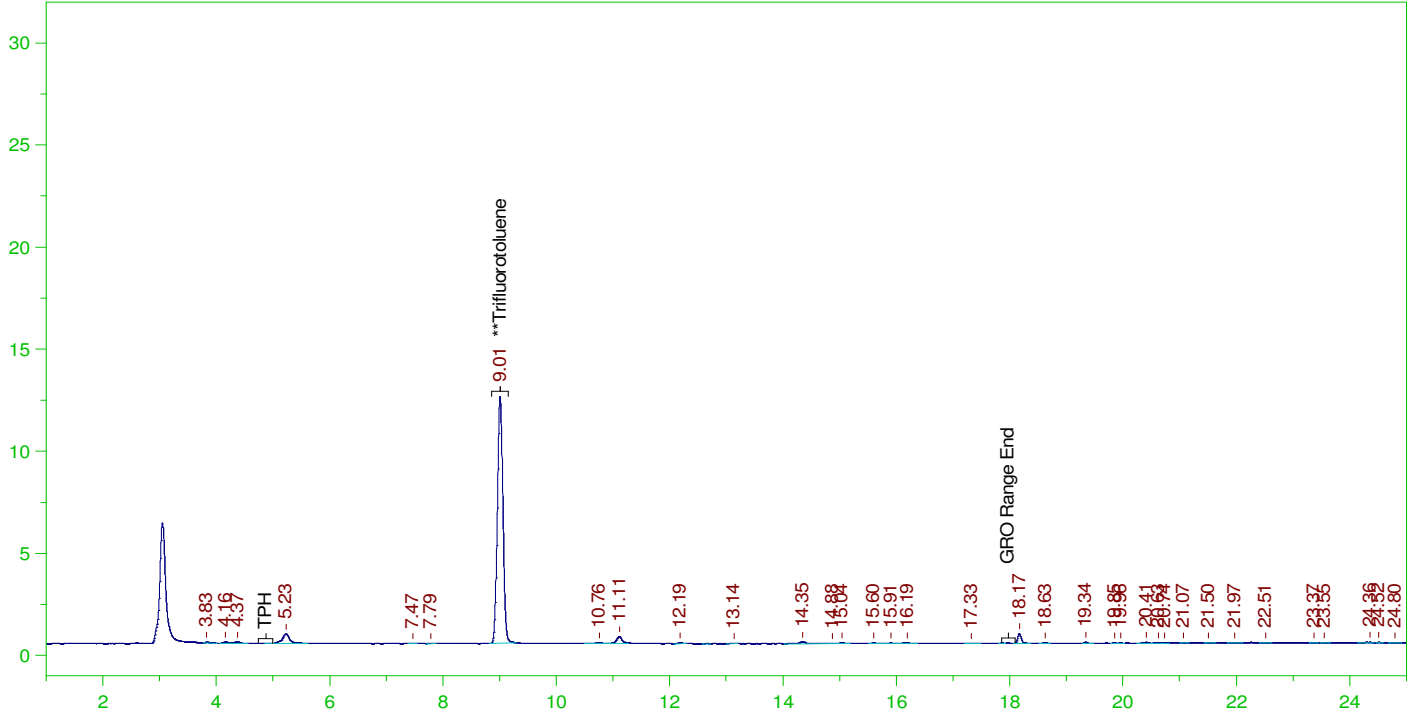
C6 to C10 Area:5254.964 C6 to C10 Amount: 1.072465  
TPH Area:7588.234 TPH Amount: 1.588037



ERH2707 (Trip Blank) 14754

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0068.RAW

B22030703-049A ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-049A ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0068.RAW  
Date & Time Acquired: 3/12/2022 10:07:54 PM  
Method File: G:\Org\VAR\Methods\211208G703-49DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

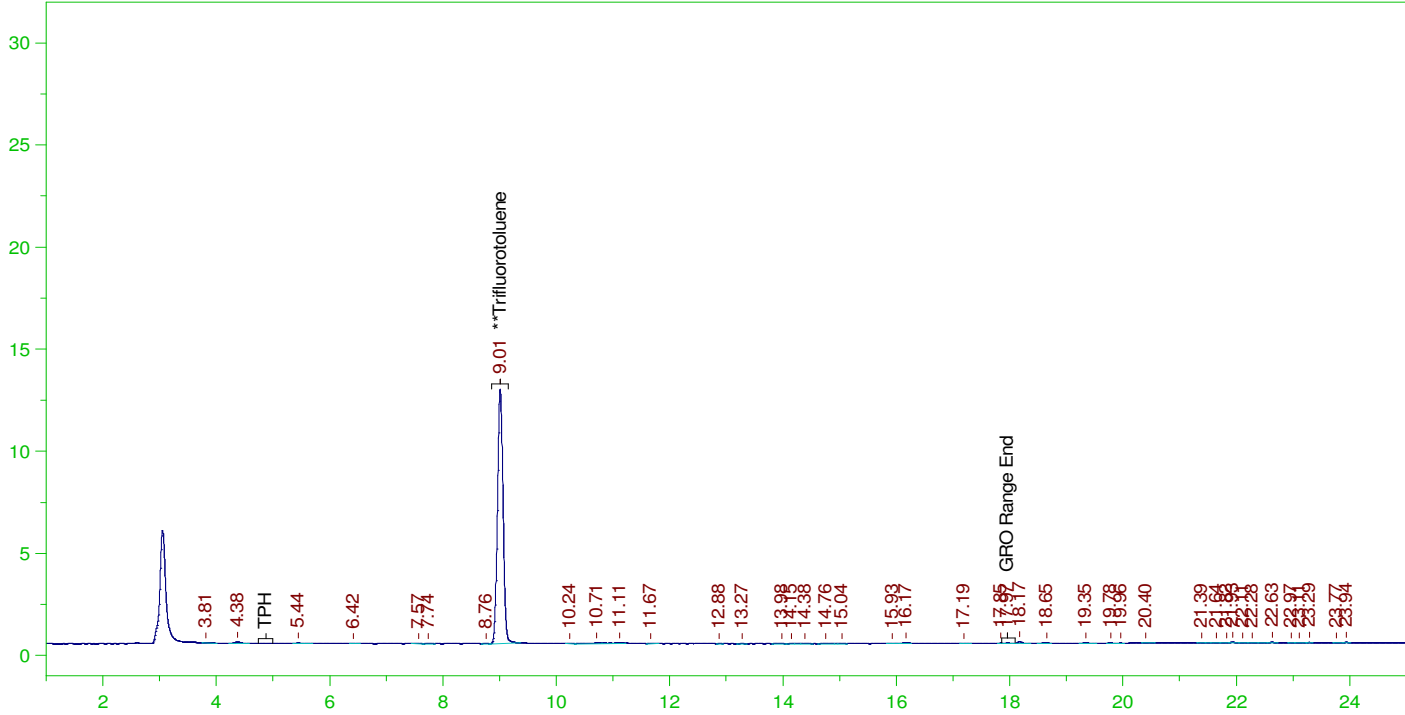
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.008	82331	25.	17.785	71.14	-

C6 to C10 Area:9715.083 C6 to C10 Amount: 1.982713  
TPH Area:15088 TPH Amount: 3.157559

ERH2723 (RHMW05)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0069.RAW

B22030703-026F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-026F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0069.RAW  
Date & Time Acquired: 3/12/2022 10:42:12 PM  
Method File: G:\Org\VAR\Methods\211208G703-26DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

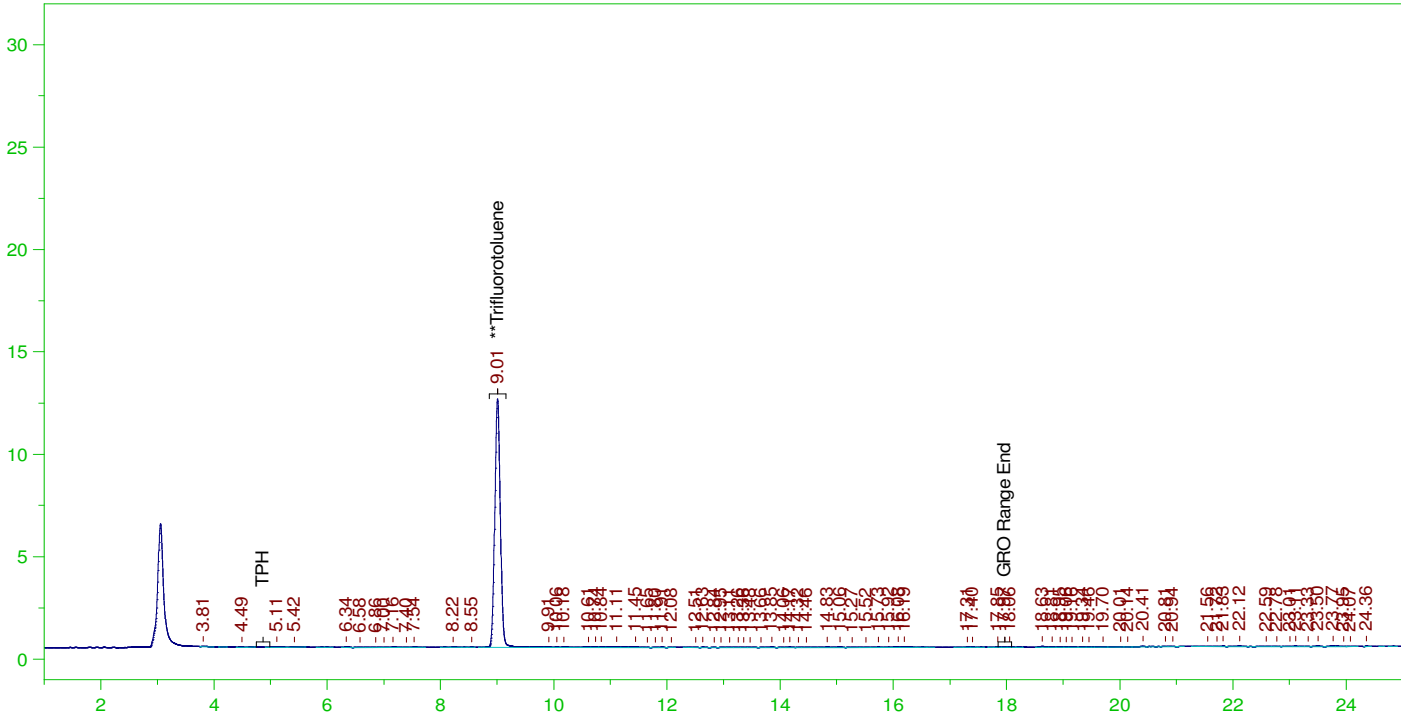
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.01	85337	25.	18.434	73.74	-

C6 to C10 Area:2746.381 C6 to C10 Amount: 0.5604981  
TPH Area:6408.494 TPH Amount: 1.341145

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0070.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0070.RAW  
 Date & Time Acquired: 3/12/2022 11:16:30 PM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

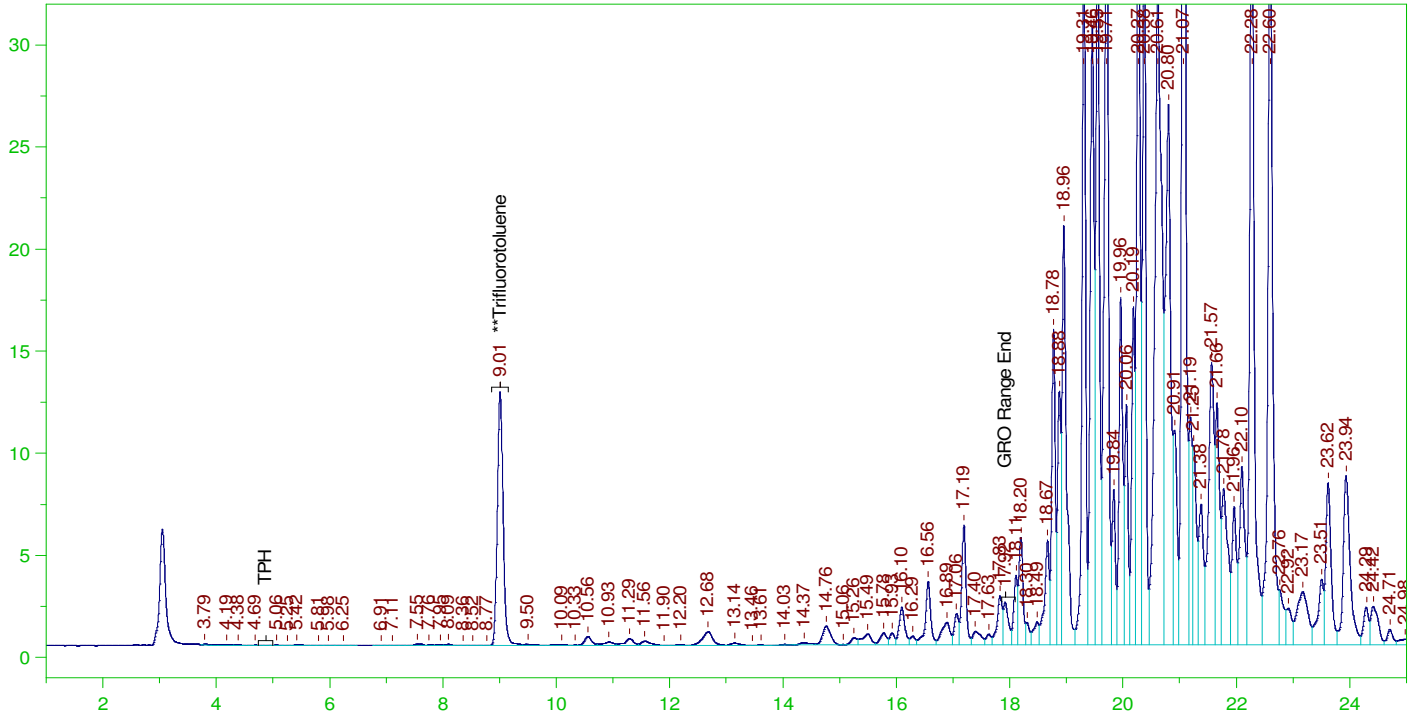
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.009	125.	90.501	72.4

C6 to C10 Area: 7110.073 C6 to C10 Amount: 7.255333  
 TPH Area: 11772.8 TPH Amount: 12.31884

ERH2715 (RHMW02)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0071.RAW

B22030703-031F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-031F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0071.RAW  
Date & Time Acquired: 3/12/2022 11:50:37 PM  
Method File: G:\Org\VAR\Methods\211208G703-31DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

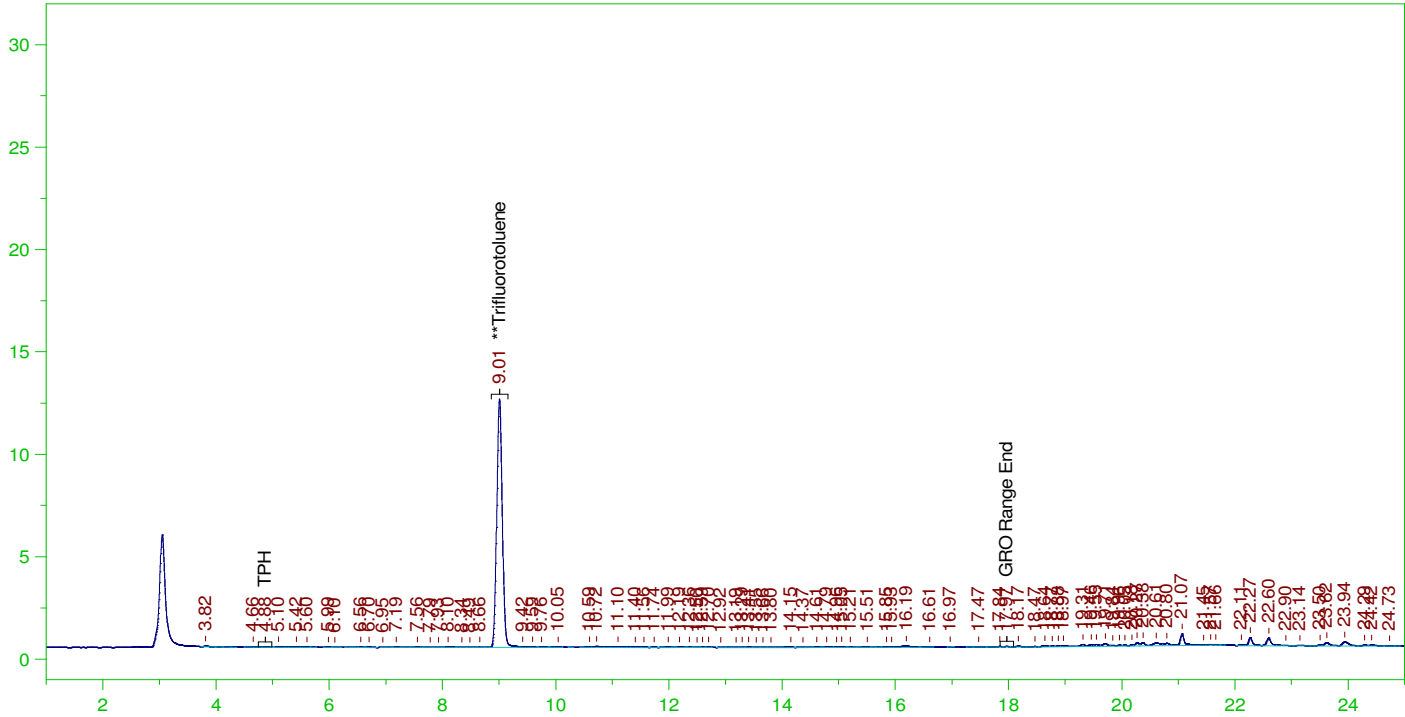
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.008	88560	25.	19.131	76.52

C6 to C10 Area:186572.8 C6 to C10 Amount: 38.0769  
TPH Area:3795722 TPH Amount: 794.3543

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0072.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0072.RAW  
 Date & Time Acquired: 3/13/2022 12:24:45 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

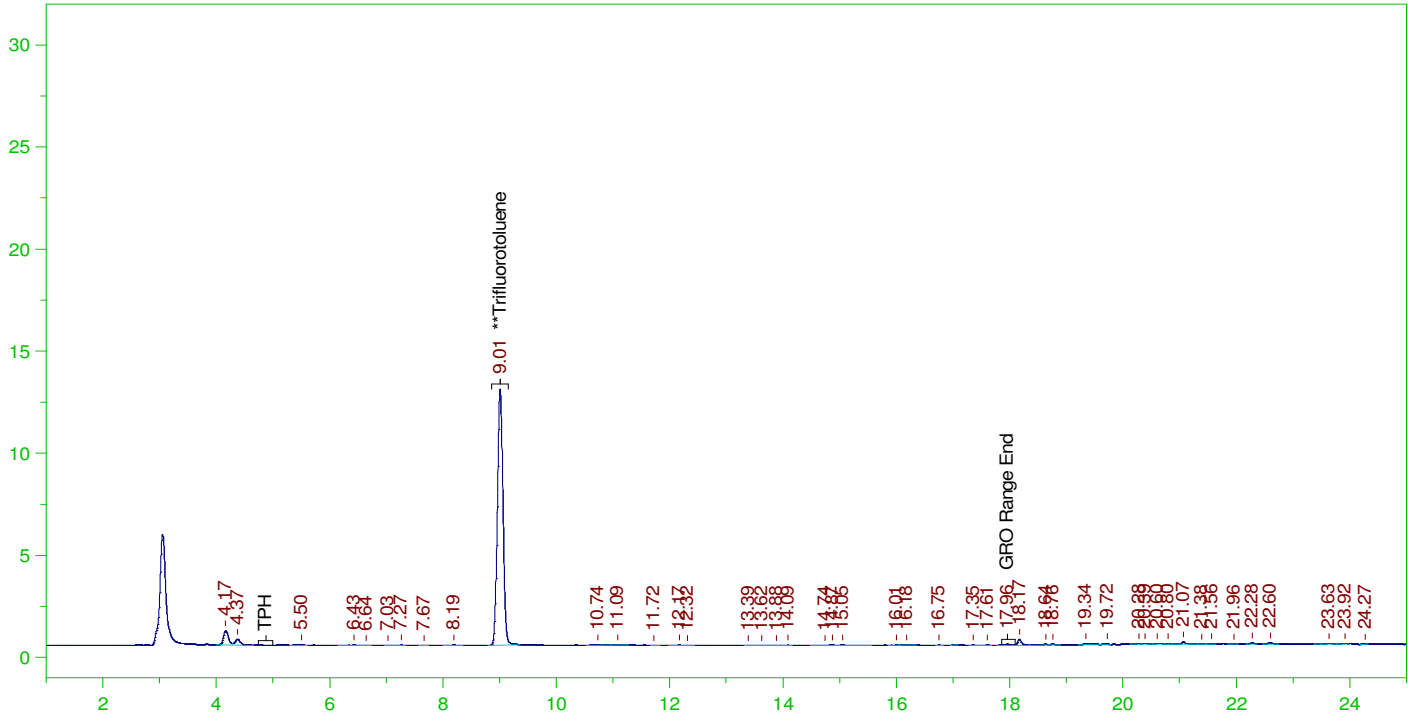
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.008	125.	90.248	72.2

C6 to C10 Area:8928.678 C6 to C10 Amount: 9.111093  
 TPH Area:30227.32 TPH Amount: 31.6293

ERH2702 (RHMW14-3)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0073.RAW

B22030703-036F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-036F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0073.RAW  
Date & Time Acquired: 3/13/2022 12:58:54 AM  
Method File: G:\Org\VAR\Methods\211208G703-36DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

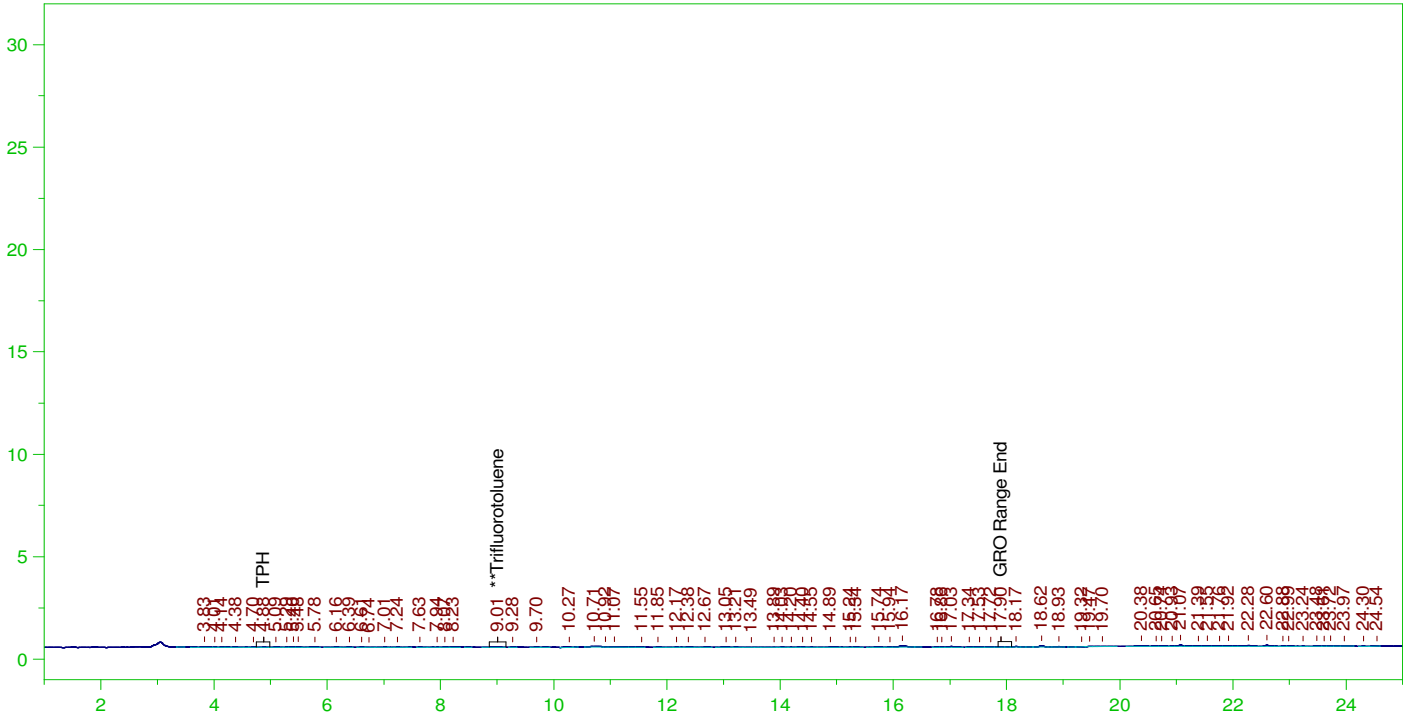
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.009	85850	25.	18.545	74.18

C6 to C10 Area:4155.876 C6 to C10 Amount: 0.8481563  
TPH Area:16188.63 TPH Amount: 3.387895

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0074.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0074.RAW  
 Date & Time Acquired: 3/13/2022 1:33:04 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

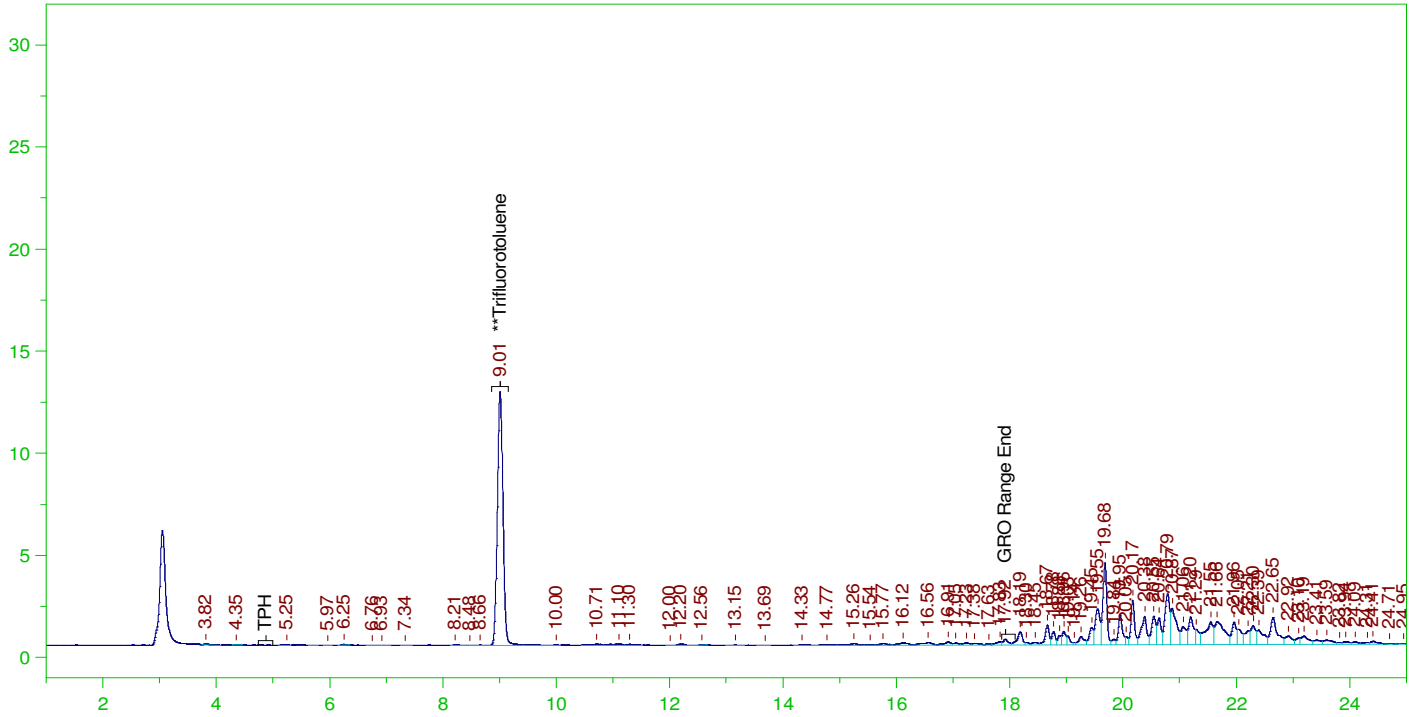
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.008	125.	.235	.19

C6 to C10 Area:6836.235 C6 to C10 Amount: 6.975901  
 TPH Area:13206.42 TPH Amount: 13.81895

ERH2718 (RHMW01R)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0075.RAW

B22030703-041F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-041F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0075.RAW  
Date & Time Acquired: 3/13/2022 3:07:13 AM  
Method File: G:\Org\VAR\Methods\211208G703-41DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

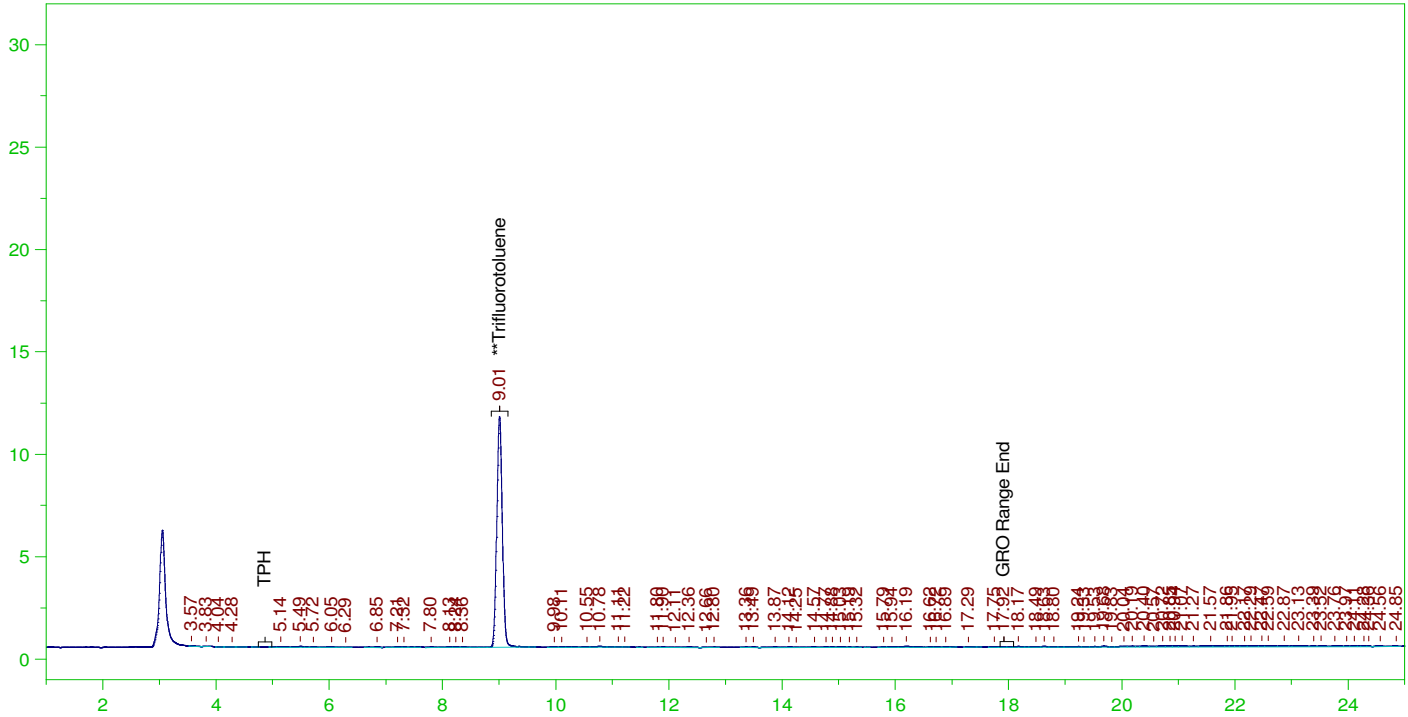
SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	9.008	86023	25.	18.582	74.33	-

C6 to C10 Area:16631.35 C6 to C10 Amount: 3.394227  
TPH Area:245230.5 TPH Amount: 51.32093



G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0076.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0076.RAW  
 Date & Time Acquired: 3/13/2022 3:41:21 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

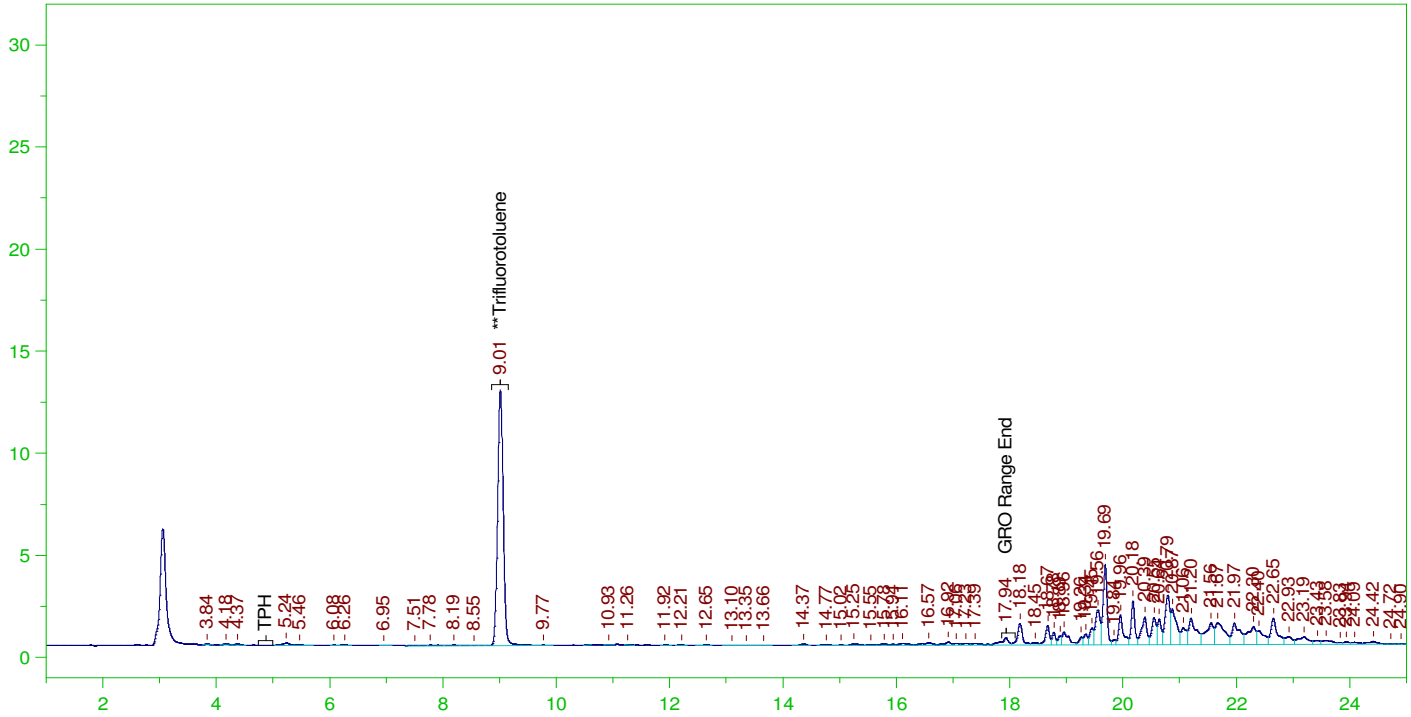
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.008	125.	83.818	67.05

C6 to C10 Area:6287.27 C6 to C10 Amount: 6.41572  
 TPH Area:16822.71 TPH Amount: 17.60297

ERH2719 (RHMW01R)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0077.RAW

B22030703-042C ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-042C ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0077.RAW  
Date & Time Acquired: 3/13/2022 4:15:28 AM  
Method File: G:\Org\VAR\Methods\211208G703-42DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

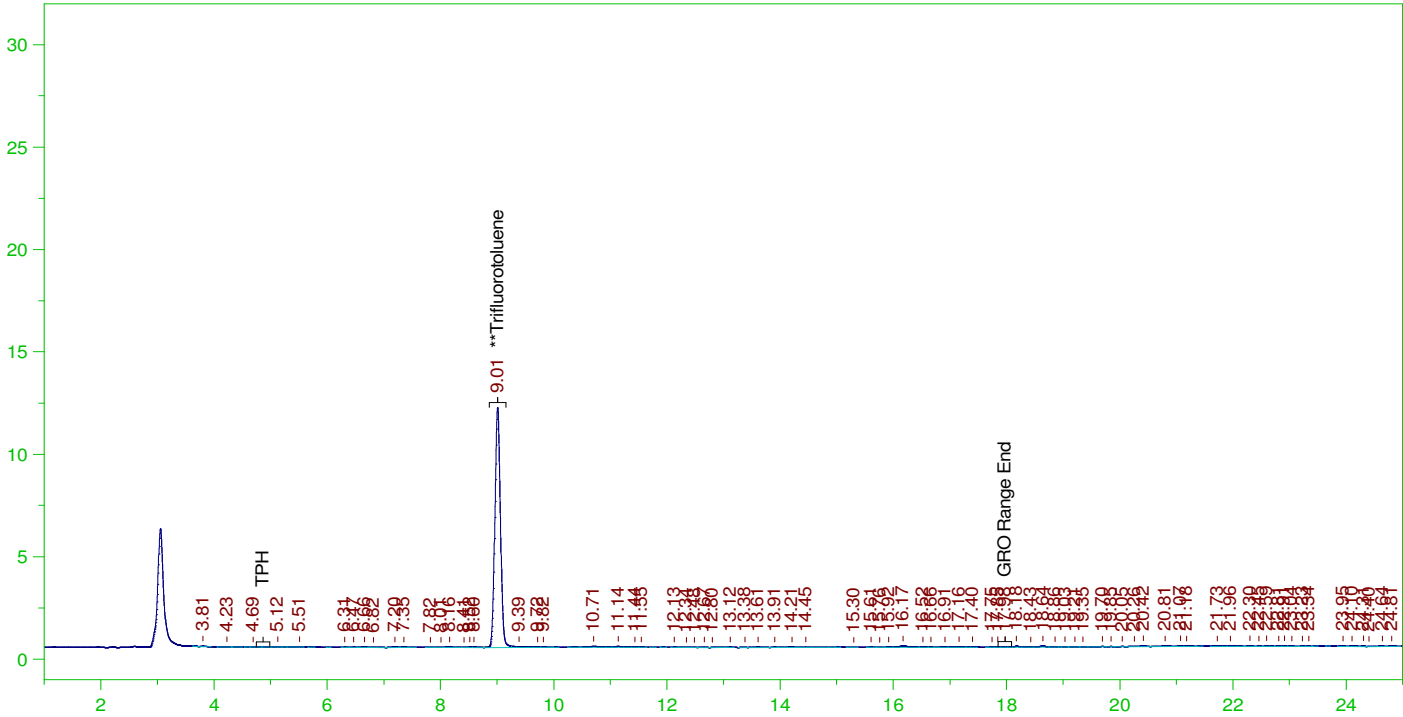
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.013	86573	25.	18.701	74.81

C6 to C10 Area:16733.64 C6 to C10 Amount: 3.415103  
TPH Area:242384.5 TPH Amount: 50.72533

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0078.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0078.RAW  
 Date & Time Acquired: 3/13/2022 4:49:37 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

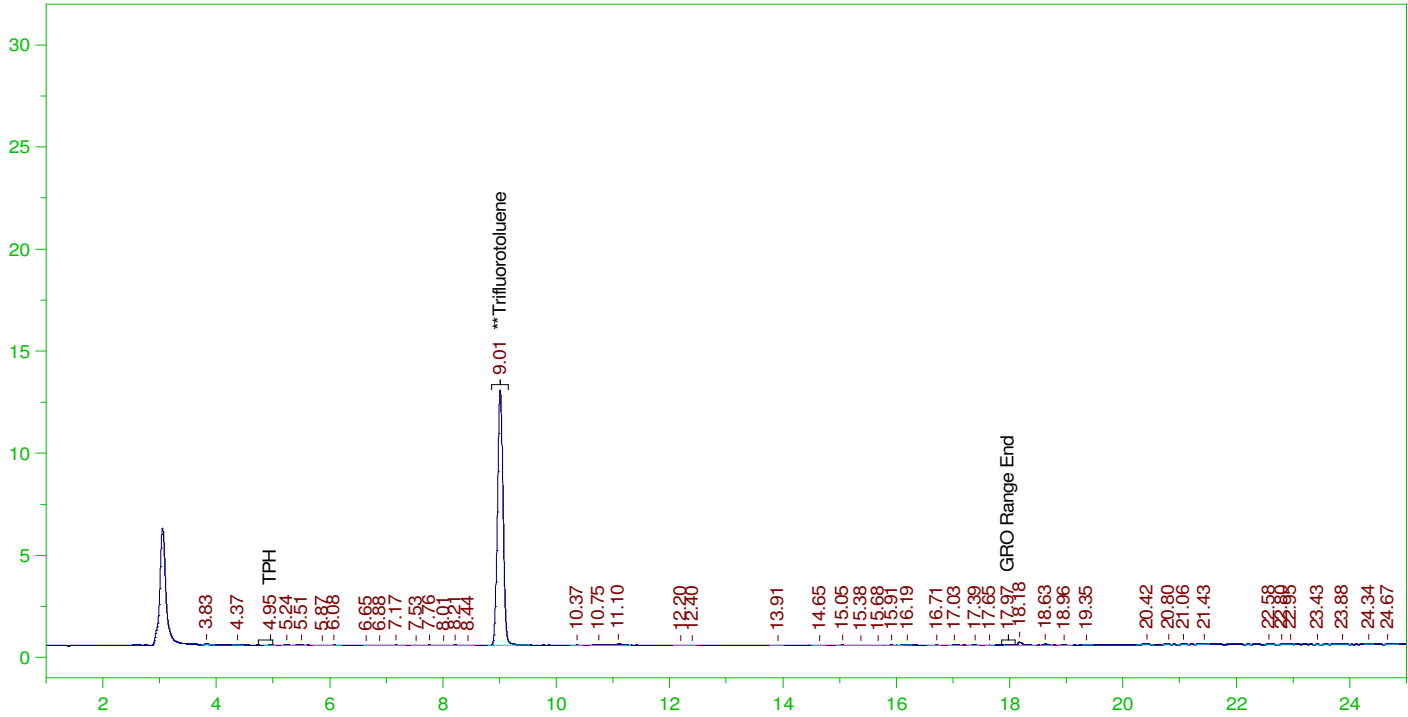
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.01	125.	86.996	69.6

C6 to C10 Area: 7353.609 C6 to C10 Amount: 7.503845  
 TPH Area: 12522.76 TPH Amount: 13.10358

ERH2708 (RHMW12A)

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0079.RAW

B22030703-047F ;0311VAR , \$HC-8015-GRO-W,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: B22030703-047F ;0311VAR , \$HC-8015-GRO-W,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0079.RAW  
Date & Time Acquired: 3/13/2022 5:23:45 AM  
Method File: G:\Org\VAR\Methods\211208G703-47DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 5 Dilution: 1 S.A.: 1

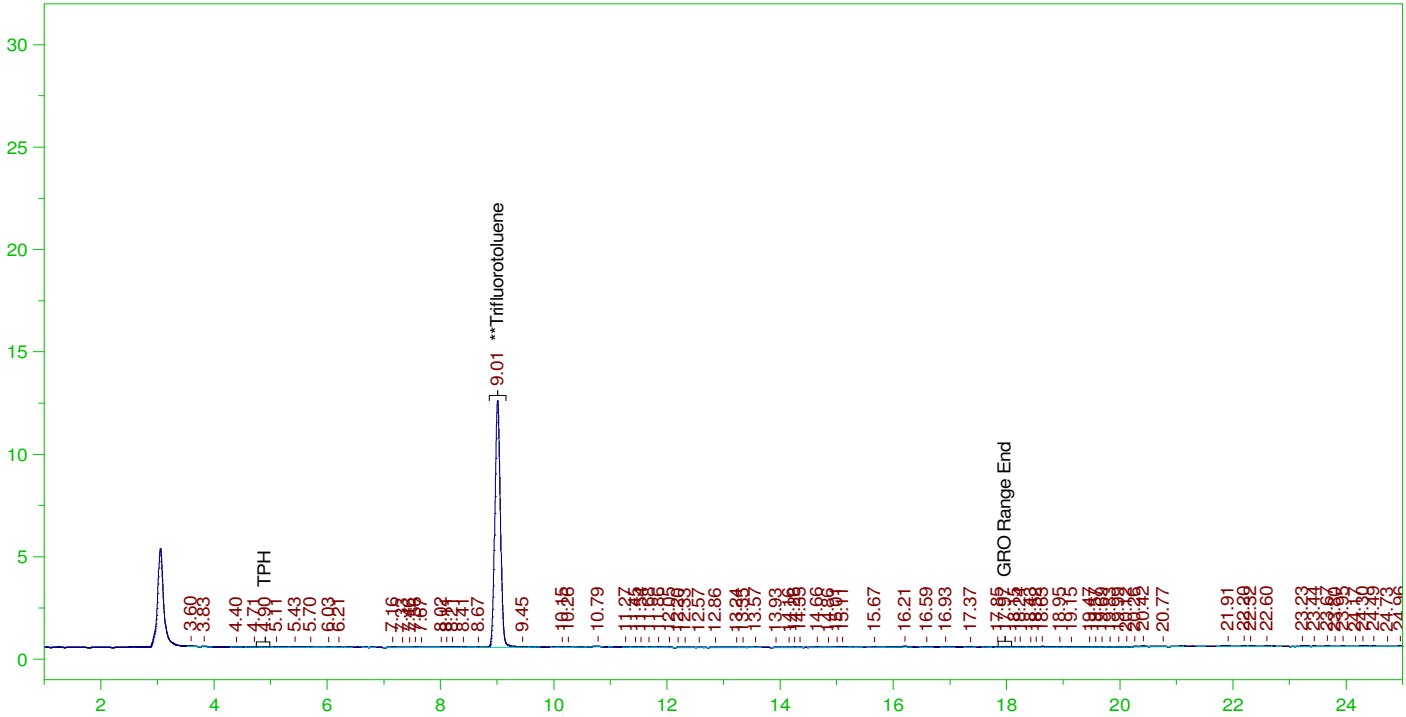
Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.01	86208	25.	18.622	74.49

C6 to C10 Area:4100.937 C6 to C10 Amount: 0.8369439  
TPH Area:7705.766 TPH Amount: 1.612634

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0080.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0080.RAW  
 Date & Time Acquired: 3/13/2022 5:57:52 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

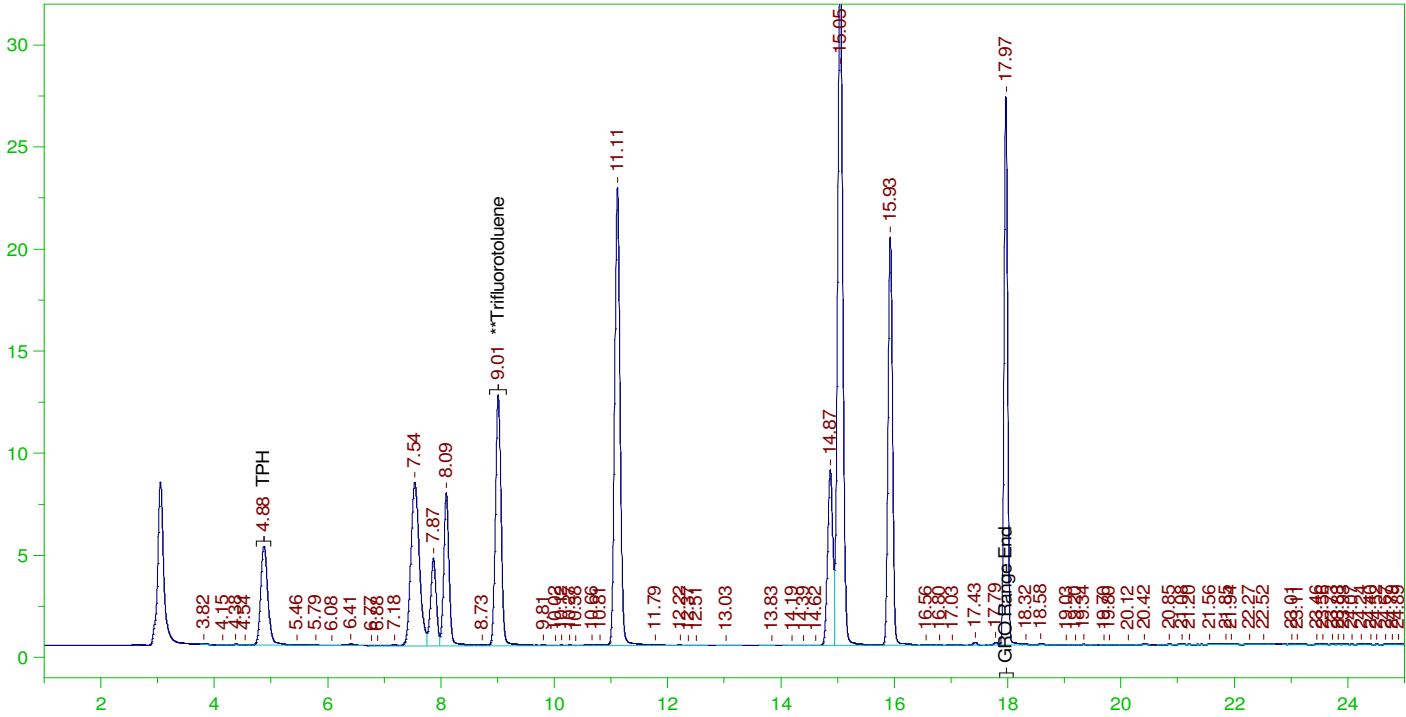
Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.01	125.	89.333	71.47

C6 to C10 Area:5912.348 C6 to C10 Amount: 6.033139  
 TPH Area:10860.09 TPH Amount: 11.3638

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0081.RAW

CCV\_0311VAR81r, GQC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_0311VAR81r, GQC ;0311VAR ,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0081.RAW  
Date & Time Acquired: 3/13/2022 6:32:01 AM  
Method File: G:\Org\VAR\Methods\211208GRO\_DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.01	85810	125.	92.682	74.15

C6 to C10 Area:860568.7 C6 to C10 Amount: 878.1503  
TPH Area:865857.8 TPH Amount: 906.0173

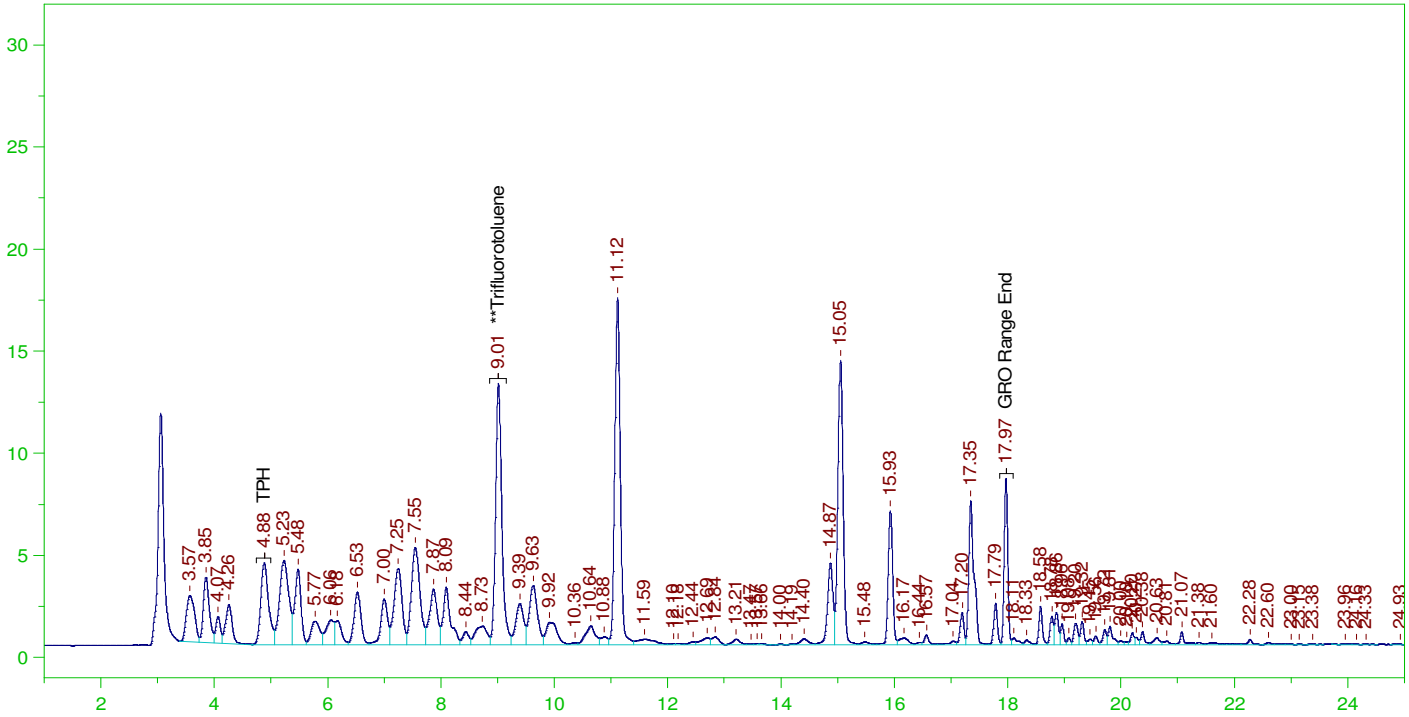
CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0081.RAW

COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
C6 to C10	840.	878.15	104.54	85-115
TPH	1000.	906.02	90.6	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.01	125.	92.682	74.15	85-115

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0082.RAW

CCV\_0311VAR82r, GQC ;0311VAR ,



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: CCV\_0311VAR82r, GQC ;0311VAR ,  
Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0082.RAW  
Date & Time Acquired: 3/13/2022 7:06:10 AM  
Method File: G:\Org\VAR\Methods\211208GCCV0311\_82DoDBA%.MET  
Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
Mean RF for TPH: 955.6747  
Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	AREA	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.014	99011	125.	106.941	85.55

C6 to C10 Area:838876.6 C6 to C10 Amount: 856.0151  
TPH Area:987282.5 TPH Amount: 1033.074

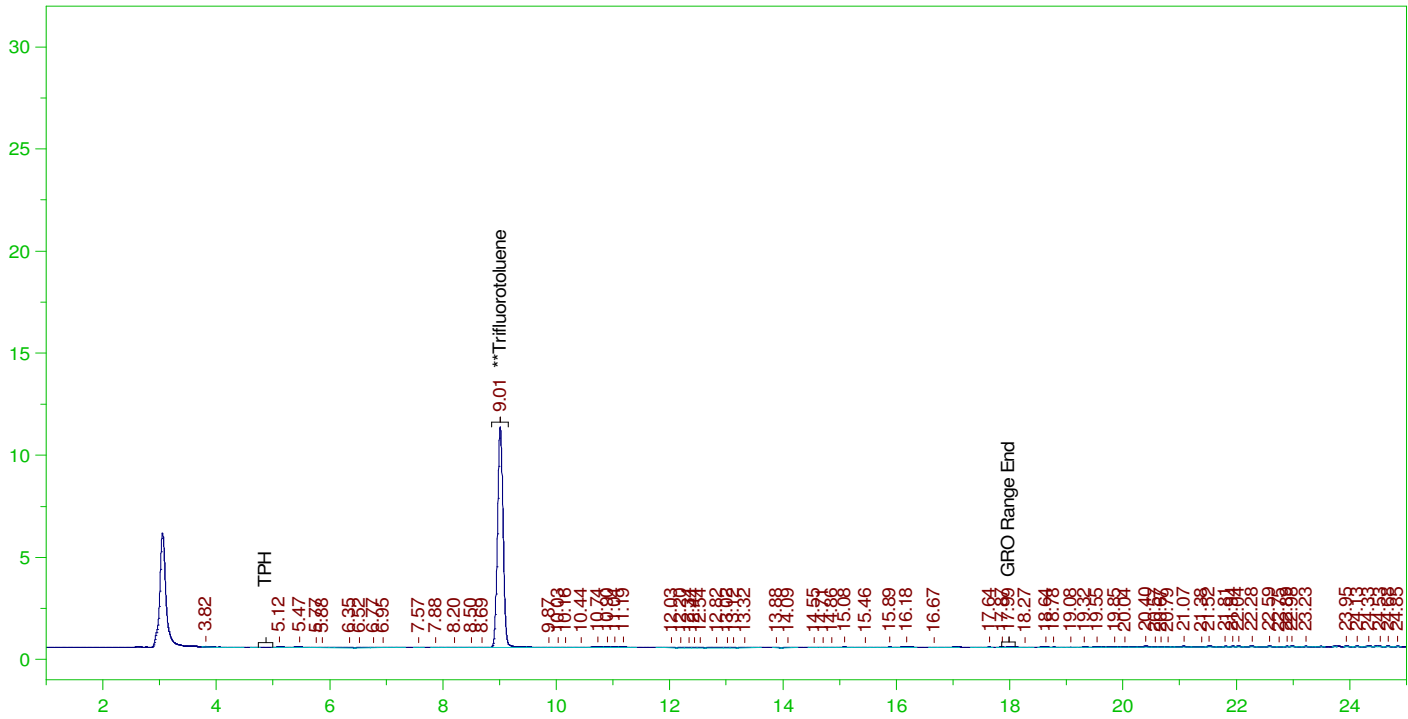
CONTINUING CALIBRATION REPORT: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0082.RAW

COMPOUND	ACTUAL (NG)	MEASURED (NG)	%RECOVERY	LIMITS
C6 to C10	840.	856.02	101.91	85-115
TPH	1000.	1033.07	103.31	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	9.014	125.	106.941	85.55	85-115

G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0083.RAW

BLANK



**GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT**

Sample Name: BLANK  
 Raw File: G:\Org\VAR\DAT\VAR031122\_b\0311VARB.0083.RAW  
 Date & Time Acquired: 3/13/2022 7:40:19 AM  
 Method File: G:\Org\VAR\Methods\211208GRO\_DoDB.MET  
 Calibration File: G:\Org\VAR\Cals\211208GRO8015CB.CAL  
 Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for C6 to C10: 979.9788  
 Mean RF for TPH: 955.6747  
 Rt range for Gasoline Range Organics: 4.75 to 18.09

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
**Trifluorotoluene	9.01	125.	80.536	64.43

C6 to C10 Area:6252.874 C6 to C10 Amount: 6.380621  
 TPH Area:11680.01 TPH Amount: 12.22174



Write Sequence	Insert Entries(Have the first cell for entries selecte	Method	Weight	Dil Factor	Amt Inj.	IS	Cal ID	Manual Integrations
<b>Data File</b>	<b>Sample Name</b>							
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.01r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.02r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.03r	CCV_0311\VAR03r, GQC ;0311\VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.04r	CCV_0311\VAR04r, GQC ;0311\VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.05r	LCS_0311\VAR05r, GQC ;0311\VAR ,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.06r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.07r	MBLK_0311\VAR07r, QC ;0311\VAR ,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.08r	B22030502-016F ;0311\VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.09r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.10r	B22030502-006F ;0311\VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.11r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.12r	B22030502-021F ;0311\VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.13r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.14r	B22030502-003A ;0311\VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.15r	B22030502-008A ;0311\VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.16r	B22030502-013A ;0311\VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.17r	B22030502-018A ;0311\VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311\VAR.18r	B22030502-023A ;0311\VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons

G:\Org\VAR\DAT\VAR031122_b\0311VAR.19r	B22030502-033A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.20r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.21r	B22030502-016FMS, GQC ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.22r	B22030502-016FMSD, GQC ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.23r	CCV_0311VAR23r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.24r	CCV_0311VAR24r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.25r	LCS_0311VAR25r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.26r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.27r	MBLK_0311VAR27r, QC ;0311VAR ,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.28r	B22030502-001F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.29r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.30r	B22030502-011F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.31r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.32r	B22030502-031F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.33r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.34r	B22030703-001F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.35r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.36r	B22030703-006F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.37r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.38r	B22030703-011F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.39r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None

G:\Org\VAR\DAT\VAR031122_b\0311VAR.40r	B22030703-016F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.41r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.42r	B22030703-003A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.43r	CCV_0311VAR43r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.44r	CCV_0311VAR44r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.45r	LCS_0311VAR45r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.46r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.47r	MBLK_0311VAR47r, QC ;0311VAR ,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.48r	B22030703-021F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.49r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.50r	B22030502-004A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.51r	B22030703-008A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.52r	B22030703-013A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.53r	B22030703-018A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.54r	B22030703-023A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.55r	B22030703-028A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.56r	B22030703-033A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons

G:\Org\VAR\DAT\VAR031122_b\0311VAR.57r	B22030703-038A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.58r	B22030703-044A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.59r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.60r	B22030703-021FMS, GQC ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.61r	B22030703-021FMSD, GQC ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.62r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.63r	CCV_0311VAR63r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.64r	CCV_0311VAR64r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.65r	LCS_0311VAR65r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.66r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.67r	MBLK_0311VAR67r, QC ;0311VAR ,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.68r	B22030703-049A ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.69r	B22030703-026F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.70r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.71r	B22030703-031F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.72r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.73r	B22030703-036F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.74r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.75r	B22030703-041F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.76r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None

G:\Org\VAR\DAT\VAR031122_b\0311VAR.77r	B22030703-042C ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.78r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.79r	B22030703-047F ;0311VAR , \$HC-8015-GRO-W,	G:\Org\VAR\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.80r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.81r	CCV_0311VAR81r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	None
G:\Org\VAR\DAT\VAR031122_b\0311VAR.82r	CCV_0311VAR82r, GQC ;0311VAR ,	G:\Org\VAR\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\VAR\DAT\VAR031122_b\0311VAR.83r	BLANK	G:\Org\VAR\Methods\21120	1	1	1	1	0	None



# Analytical RunID VARIAN1\_211208B Standards Traceability Report

**Standard ID:** 3GAS160127

**Standard Name:** Alaska Gasoline Calibration Mix Version 4/8/02

**Prep Date:** 1/27/2016

**Exp Date:** 6/7/2023

**Department:** GCVOA

**Vendor:** Accustandard

**Lot Number:** 213051468

**Balance ID:**

**Comments:** 33% of each gasoline Date prepared is date received Assay ran 2/1/16 on PE1; GRO equals 84% of TPH jmp 2/1/16

**Type:** Neat

**Prep By:** Josie Pickard

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Alaska Gasoline Calibration Mix Version 4/8/02	<u>8120</u>	5	mL	6/7/2023

Stock Source	Base Units	Amount Added
--------------	------------	--------------



# Analytical RunID VARIAN1\_211208B Standards Traceability Report

**Standard ID:** GAS210122

**Standard Name:** Unleaded Gasoline Comp. Std.(2.0uL)

**Prep Date:** 1/22/2021

**Exp Date:** 6/7/2023

**Department:** GCVOA

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** Concentration : 4.2ug/ul

**Type:** Secondary

**Prep By:** Josie Pickard

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap DZ880	<u>13323</u>	10	mL	6/7/2023

Stock Source	Base Units	Amount Added
GASH210122	ug/mL	0.84 mL



# Analytical RunID VARIAN1\_211208B Standards Traceability Report

**Standard ID:** GASH210122

**Standard Name:** Unleaded Gasoline Composite

**Prep Date:** 1/22/2021

**Exp Date:** 6/7/2023

**Department:** GCVOA

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** Concentration : 50,000 ug/ml

**Type:** Primary

**Prep By:** Josie Pickard

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap DZ880	<u>13323</u>	10	mL	6/7/2023

Stock Source	Base Units	Amount Added
3GAS160127	ug/mL	0.5022 g





# Analytical RunID VARIAN1\_211208B Standards Traceability Report

**Standard ID:** GASL211208

**Standard Name:** Low Gasoline Std.

**Prep Date:** 12/8/2021

**Exp Date:** 6/7/2023

**Department:** GCVOA

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** concentration 0.42ug/ul

**Type:** Secondary

**Prep By:** Josie Pickard

**Status:** Open

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB199	<u>14400</u>	0.9	mL	6/7/2023

Stock Source	Base Units	Amount Added
GAS210122	ug/mL	0.1 mL



# Analytical RunID VARIAN1\_211208B Standards Traceability Report

**Standard ID:** GQC201214

**Standard Name:** Gasoline Composite Mix (1.68uL)

**Prep Date:** 12/14/2020

**Exp Date:** 4/2/2030

**Department:** GCVOA

**Vendor:** Accustandard

**Lot Number:** 220031562

**Balance ID:**

**Comments:** 5000 ug/mL in MeOH Date prepared is date received; Assay run 4/1/21 on Pe1 GRO range equals 85% jmp, mistyped the date received. The date received was 12/17/20 jmp

**Type:** Primary

**Prep By:** Josie Pickard

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Gasoline Composite Mix	<u>13338</u>	5	mL	4/2/2030

Stock Source	Base Units	Amount Added
GQC201214	ug/mL	5 mL



# Analytical RunID VARIAN1\_211208B Standards Traceability Report

**Standard ID:** GROS200921

**Standard Name:** Gro Stock Standard Mt.Gro

**Prep Date:** 9/21/2020

**Exp Date:** 3/28/2029

**Department:** GCVOA

**Vendor:** Accustandard

**Lot Number:** 219031408

**Balance ID:**

**Comments:** 10 Component Mix (varing concentrations) 100 mg/ml

**Type:** Primary

**Prep By:** Josie Pickard

**Status:** Open

**Final Volume:** 2 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Gasoline Standard	<u>13090</u>	2	mL	3/28/2029

Stock Source	Base Units	Amount Added
GROS200921	ug/mL	2 mL



# Analytical RunID VARIAN1\_211208B Standards Traceability Report

**Standard ID:** TFT211208  
**Standard Name:** TFT (1.05uL)  
**Prep Date:** 12/8/2021  
**Exp Date:** 9/10/2029  
**Department:** GCVOA  
**Vendor:**  
**Lot Number:**  
**Balance ID:**  
**Comments:** Final concentration : 1.0mg/mL

**Type:** Secondary  
**Prep By:** Josie Pickard  
**Status:** New

**Final Volume:** 2 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB199	<u>14400</u>	1.9	mL	9/10/2029

Stock Source	Base Units	Amount Added
TFTS210607	ug/mL	0.1 mL



# Analytical RunID VARIAN1\_211208B Standards Traceability Report

**Standard ID:** TFTL211208  
**Standard Name:** TFTL  
**Prep Date:** 12/8/2021  
**Exp Date:** 9/10/2029  
**Department:** GCVOA  
**Vendor:**  
**Lot Number:**  
**Balance ID:**  
**Comments:** Final concentration :0.01mg/mL

**Type:** Secondary  
**Prep By:** Josie Pickard  
**Status:** New  
**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB199	<u>14400</u>	0.9	mL	9/10/2029

Stock Source	Base Units	Amount Added
TFTM211208	ug/mL	0.1 mL



# Analytical RunID VARIAN1\_211208B Standards Traceability Report

**Standard ID:** TFTM211208

**Standard Name:** TFTM

**Prep Date:** 12/8/2021

**Exp Date:** 9/10/2029

**Department:** GCVOA

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** Final concentration :0.1mg/mL

**Type:** Secondary

**Prep By:** Josie Pickard

**Status:** New

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB199	<u>14400</u>	0.9	mL	9/10/2029

Stock Source	Base Units	Amount Added
TFT211208	ug/mL	0.1 mL



# Analytical RunID VARIAN1\_211208B Standards Traceability Report

**Standard ID:** TFTS210607  
**Standard Name:** TFT Stock  
**Prep Date:** 6/7/2021  
**Exp Date:** 9/10/2029  
**Department:** GCVOA  
**Vendor:** Accustandard  
**Lot Number:** 219091095  
**Balance ID:**  
**Comments:** 20mg/ml in Meoh Date prepared is date received.

**Type:** Primary  
**Prep By:** Josie Pickard  
**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
a,a,a-Trifluorotoluene	<u>13921</u>	10	mL	9/10/2029
Stock Source	Base Units	Amount Added		

125 Market Street  
New Haven, CT 06513  
USA



AccuStandard<sup>®</sup>, Inc.

Tel: (203)786-5296  
Fax: (203)786-5287  
www.AccuStandard.com

## CERTIFICATE OF ANALYSIS

**Catalog No:** GRO-AK-101-GCS-R1

**Description:** Alaska Gasoline Calibration Mix Version 4/8/02

**Lot:** 213051468

**Solvent:** N/A

**Hazards:** HIGHLY FLAMMABLE - Refer to SDS for safety info

**Date Certified:** Jun 7, 2013

**Expiration:** Jun 7, 2023

**Sample Size:** 1 mL

**Components:** 3

**Storage Condition:** Ambient (>5 °C)

Included on ISO/IEC 17025 Scope of Accreditation: Yes

Included on ISO Guide 34 Scope of Accreditation: Yes



Danger 2

Component	CAS #	Purity % (GC/FID)	Prepared Concentration* (%w/w)	Certified Analyte Concentration* (%w/w)
Gasoline - Regular, unleaded	8006-61-9	Tech Mix	33.30	33.30
Gasoline - Plus, unleaded	8006-61-9	Tech Mix	33.40	33.40
Gasoline - Premium, unleaded	8006-61-9	Tech Mix	33.30	33.30

**ID #:** 8120

Opened:

Alaska Gasoline Calibration Mix Version 4/8/02

Expires: 6/7/2023

Rec'd 1/27/2016

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.

\* All weights are traceable through NIST, Test No. 822-275872-11

† Certified Analyte Concentration = Purity x Prepared Concentration. The uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent 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.

See reverse side for additional information.

Certified by:

Larry Decker, Organic QC Manager

Page 1 of 1

For use in routine laboratory analysis.

AccuStandard is accredited to ISO Guide 34, ISO/IEC 17025 and certified to ISO 9001

OR-OR-010-001  
Rev. 011



Tosiu

# CERTIFICATE OF ANALYSIS

**Catalog No:** GRO-AK-101-GCS  
**Description:** Gasoline Composite Mix  
**Lot:** 220031562  
**Solvent:** Methanol  
**Hazards:** Refer to SDS for complete safety information

**Date Certified:** Apr 2, 2020  
**Expiration:** Apr 2, 2030  
**Sample Size:** 1 mL  
**Components:** 3  
**Storage Condition:** Ambient (>5 °C)



Signal Word: Danger

Certified Reference Material



Component	CAS #	Purity % (GC/MS)	Prepared Concentration <sup>2</sup> (µg/mL)	Certified Analyte Concentration <sup>1</sup> (µg/mL)
Gasoline - Premium, unleaded	N/A	Tech Mix	1660	1660
Gasoline - Regular, leaded	N/A	Tech Mix	1674	1674
Gasoline - Regular, unleaded	N/A	Tech Mix	1673	1673

ID #: 13338

Opened: \_\_\_\_\_

Gasoline Composite Mix

Expires: 4/2/2030

Rec'd: 12/17/2020

Energv 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.

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

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

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

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

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

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

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

Certified By: \_\_\_\_\_

Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

# CERTIFICATE OF ANALYSIS

**Catalog No:** M-602-SS-100X  
**Description:** a,a,a-Trifluorotoluene  
**Lot:** 219091095

**Solvent:** Methanol

**Hazards:** Refer to SDS for complete safety information

**Date Certified:** Sep 10, 2019  
**Expiration:** Sep 10, 2029  
**Sample Size:** 1 mL  
**Components:** 1  
**Storage Condition:** Ambient (>5 °C)



Signal Word: Danger

## Certified Reference Material



Component	CAS #	Purity % (GC/MS)	Prepared Concentration <sup>2</sup> (mg/mL)	Certified Analyte Concentration <sup>1</sup> (mg/mL)
a,a,a-Trifluorotoluene	98-08-8	99.9	20.01	19.99

ID #: 13921

Opened: \_\_\_\_\_

a,a,a-Trifluorotoluene

Expires: 9/10/2029

Rec'd: 6/7/2021

Enerav 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.

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

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

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

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

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

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

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

Certified By: \_\_\_\_\_

Larry Decker, Organic QC Manager



# Analytical RunID VARIAN1\_220311A Standards Traceability Report

**Standard ID:** 3GAS160127

**Standard Name:** Alaska Gasoline Calibration Mix Version 4/8/02

**Prep Date:** 1/27/2016

**Exp Date:** 6/7/2023

**Department:** GCVOA

**Vendor:** Accustandard

**Lot Number:** 213051468

**Balance ID:**

**Comments:** 33% of each gasoline Date prepared is date received Assay ran 2/1/16 on PE1; GRO equals 84% of TPH jmp 2/1/16

**Type:** Neat

**Prep By:** Josie Pickard

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Alaska Gasoline Calibration Mix Version 4/8/02	<u>8120</u>	5	mL	6/7/2023

Stock Source	Base Units	Amount Added
--------------	------------	--------------



# Analytical RunID VARIAN1\_220311A Standards Traceability Report

**Standard ID:** GAS220104

**Standard Name:** Unleaded Gasoline Comp. Std.(2.0uL)

**Prep Date:** 1/4/2022

**Exp Date:** 6/7/2023

**Department:** GCVOA

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** Concentration : 4.2ug/ul

**Type:** Secondary

**Prep By:** Josie Pickard

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB373	<u>14519</u>	10	mL	6/7/2023

Stock Source	Base Units	Amount Added
GASH210122	ug/mL	0.84 mL



# Analytical RunID VARIAN1\_220311A Standards Traceability Report

**Standard ID:** GASH210122

**Standard Name:** Unleaded Gasoline Composite

**Prep Date:** 1/22/2021

**Exp Date:** 6/7/2023

**Department:** GCVOA

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** Concentration : 50,000 ug/ml

**Type:** Primary

**Prep By:** Josie Pickard

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap DZ880	<u>13323</u>	10	mL	6/7/2023

Stock Source	Base Units	Amount Added
3GAS160127	ug/mL	0.5022 g



# Analytical RunID VARIAN1\_220311A Standards Traceability Report

**Standard ID:** GQC211012

**Standard Name:** Gasoline Composite Mix (1.68uL)

**Prep Date:** 10/12/2021

**Exp Date:** 4/2/2030

**Department:** GCVOA

**Vendor:** Accustandard

**Lot Number:** 220031562

**Balance ID:**

**Comments:** 5000 ug/mL in MeOH Date prepared is date received; Assay run 4/1/21 on Pe1 GRO range equals 85% jmp

**Type:** Primary

**Prep By:** Josie Pickard

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Gasoline Composite Mix	<u>14373</u>	5	mL	4/2/2030

Stock Source	Base Units	Amount Added
GQC211012	ug/mL	



# Analytical RunID VARIAN1\_220311A Standards Traceability Report

**Standard ID:** GROS200921

**Standard Name:** Gro Stock Standard Mt.Gro

**Prep Date:** 9/21/2020

**Exp Date:** 3/28/2029

**Department:** GCVOA

**Vendor:** Accustandard

**Lot Number:** 219031408

**Balance ID:**

**Comments:** 10 Component Mix (varing concentrations) 100 mg/ml

**Type:** Primary

**Prep By:** Josie Pickard

**Status:** Open

**Final Volume:** 2 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Gasoline Standard	<u>13090</u>	2	mL	3/28/2029

Stock Source	Base Units	Amount Added
GROS200921	ug/mL	2 mL



# Analytical RunID VARIAN1\_220311A Standards Traceability Report

**Standard ID:** TFT220308

**Standard Name:** TFT (1.05uL)

**Prep Date:** 3/8/2022

**Exp Date:** 9/10/2029

**Department:** GCVOA

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** Final concentration : 1.0mg/mL

**Type:** Secondary

**Prep By:** Josie Pickard

**Status:** New

**Final Volume:** 2 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB679	<u>14746</u>	1.9	mL	9/10/2029

Stock Source	Base Units	Amount Added
TFTS220208	ug/mL	0.1 mL





# Analytical RunID VARIAN1\_220311A Standards Traceability Report

**Standard ID:** TFTS220208

**Standard Name:** TFT Stock

**Prep Date:** 2/8/2022

**Exp Date:** 9/10/2029

**Department:** GCVOA

**Vendor:** Accustandard

**Lot Number:** 219091095

**Balance ID:**

**Comments:** 20mg/ml in Meoh Date prepared is date received. 10x1mL ampules received

**Type:** Primary

**Prep By:** Josie Pickard

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
a,a,a-Trifluorotoluene	14857	10	mL	9/10/2029

Stock Source	Base Units	Amount Added
TFTS220208	ug/mL	10 mL

125 Market Street  
New Haven, CT 06513  
USA



AccuStandard® Inc.

Tel: (203)786-5296  
Fax: (203)786-5287  
www.AccuStandard.com

## CERTIFICATE OF ANALYSIS

Catalog No: GRO-AK-101-GCS-R1

Description: Alaska Gasoline Calibration Mix Version 4/8/02

Lot: 213051468

Solvent: N/A

Hazards: **HIGHLY FLAMMABLE** - Refer to SDS for safety info

Date Certified: Jun 7, 2013

Expiration: Jun 7, 2023

Sample Size: 1 mL

Components: 3

Storage Condition: Ambient (>5 °C)

Included on ISO/IEC 17025 Scope of Accreditation: Yes

Included on ISO Guide 34 Scope of Accreditation: Yes



Danger 2

Component	CAS #	Purity % (GC/FID)	Prepared Concentration* (%w/w)	Certified Analyte Concentration* (%w/w)
Gasoline - Regular, unleaded	8006-61-9	Tech Mix	33.30	33.30
Gasoline - Plus, unleaded	8006-61-9	Tech Mix	33.40	33.40
Gasoline - Premium, unleaded	8006-61-9	Tech Mix	33.30	33.30

ID #: 8120

Opened:

Alaska Gasoline Calibration Mix Version 4/8/02

Expires: 6/7/2023

Rec'd 1/27/2016

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.

\* All weights are traceable through NIST, Test No. 822-275872-11

† Certified Analyte Concentration = Purity x Prepared Concentration. The uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent 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.

See reverse side for additional information.

Certified by:

Larry Decker, Organic QC Manager

Page 1 of 1

For use in routine laboratory analysis.

AccuStandard is accredited to ISO Guide 34, ISO/IEC 17025 and certified to ISO 9001

OR-OR-010-001  
Rev. 011

# CERTIFICATE OF ANALYSIS

**Catalog No:** GRO-AK-101-GCS  
**Description:** Gasoline Composite Mix  
**Lot:** 220031562  
**Solvent:** Methanol  
**Hazards:** Refer to SDS for complete safety information

**Date Certified:** Apr 2, 2020  
**Expiration:** Apr 2, 2030  
**Sample Size:** 1 mL  
**Components:** 3  
**Storage Condition:** Ambient (>5 °C)



Signal Word: Danger

Certified Reference Material



Component	CAS #	Purity % (GC/MS)	Prepared Concentration <sup>2</sup> (µg/mL)	Certified Analyte Concentration <sup>1</sup> (µg/mL)
Gasoline - Premium, unleaded	N/A	Tech Mix	1660	1660
Gasoline - Regular, leaded	N/A	Tech Mix	1674	1674
Gasoline - Regular, unleaded	N/A	Tech Mix	1673	1673

ID #: 13338

Opened: \_\_\_\_\_

Gasoline Composite Mix

Expires: 4/2/2030

Rec'd: 12/17/2020

Energv 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.

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

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

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

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

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

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

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

Certified By: 

Larry Decker, Organic QC Manager

# CERTIFICATE OF ANALYSIS

**Catalog No:** M-602-SS-100X

**Description:** a,a,a-Trifluorotoluene

**Lot:** 219091095

**Solvent:** Methanol

**Hazards:** Refer to SDS for complete safety information

**Date Certified:** Sep 10, 2019

**Expiration:** Sep 10, 2029

**Sample Size:** 1 mL

**Components:** 1

**Storage Condition:** Ambient (>5 °C)



**Signal Word:** Danger

**Certified Reference Material**



Component	CAS #	Purity % (GC/MS)	Prepared Concentration <sup>2</sup> (mg/mL)	Certified Analyte Concentration <sup>1</sup> (mg/mL)
a,a,a-Trifluorotoluene	98-08-8	99.9	20.01	19.99

**ID #: 14857**

Opened: \_\_\_\_\_

a,a,a-Trifluorotoluene

**Expires: 10/10/2029**

Rec'd: 2/8/2022

Energv 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.

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

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

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

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

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

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

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

Certified By: \_\_\_\_\_

Larry Decker, Organic QC Manager