

September 24, 2009

Peter Gintautas
Colorado Oil & Gas Conservation Comm.
PO Box 108
Trinidad, CO 81082

Lab Work Order: 09-6082
Client Project ID: Complaint 200213187

Dear Peter Gintautas:

ADDENDUM

As requested 9/23/09, attached is a method blank page that lists Tetrahydrofuran, the method blank chromatogram, and the method blank Library Search. Also attached is a revised Alkalinity report listing Carbonate and Bicarbonate which replaces page 10 in the original report, mailed and e-mailed on 8/24/09.

A copy of this project report and supporting data will be retained for a period of five years from the time of the original report unless we are otherwise advised by you. A document retrieval charge will apply.

Thank you for using the services of this Laboratory. If you require further information, I can be reached at 303-425-6021.

Sincerely,


Joseph J Egry IV/Tiffany Pham
Quality Assurance

WORK ORDER Summary

Evergreen Analytical, Inc.

09-6082

Rpt To: Peter Gintautas

Email To: peter.gintautas@state.co.us

Colorado Oil & Gas Conservation

Comm.

PO Box 108

Trinidad, CO 81082

(719) 846-3091

9/24/2009 10:42:10 AM

Client Project ID: Complaint 200213187

QC Level: Level I+

Comments EDD in COGCC format, PDF

Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Test Code	Test Name	Hold	MS	Date Due	Hold Time
09-6082-01A	SFPD 080911 WW	Water	8/11/09 1012	8/12/09	8260_W *	8260B: VOA HSL	<input type="checkbox"/>	<input type="checkbox"/>	8/26/09	8/25/09
09-6082-01A	SFPD 080911 WW	Water	8/11/09 1012	8/12/09	VOATICS	VOA TICS (Largest 10)	<input type="checkbox"/>	<input type="checkbox"/>	8/26/09	8/25/09
09-6082-01B	SFPD 080911 WW	Water	8/11/09 1012	8/12/09	MEEP_W *	RSK175M: MEE	<input type="checkbox"/>	<input type="checkbox"/>	8/26/09	8/25/09
09-6082-01C	SFPD 080911 WW	Water	8/11/09 1012	8/12/09	ALK_WGRP *	Alkalinity	<input type="checkbox"/>	<input type="checkbox"/>	8/26/09	8/25/09
09-6082-01C	SFPD 080911 WW	Water	8/11/09 1012	8/12/09	ANIONS_NonDW *	300.0: Anions by IC	<input type="checkbox"/>	<input type="checkbox"/>	8/26/09	8/13/09
09-6082-01C	SFPD 080911 WW	Water	8/11/09 1012	8/12/09	F_W	Fluoride	<input type="checkbox"/>	<input type="checkbox"/>	8/26/09	9/08/09

Definitions: * - Test Code has a Select List

Carl Smits

From: Patty McClellan
Sent: Wednesday, September 23, 2009 12:22 PM
To: Tami Buchner; Carl Smits; Kaprie Hollman; Joe Egry
Cc: 'peter.gintautas@state.co.us'
Subject: FW: work order 09-6082 VOA question

Can you provide Peter with a method blank report that includes tetrahydrofuran?
Thanks,

Patty McClellan
Accutest Mountain States, Inc.

From: Gintautas, Peter [mailto:Peter.Gintautas@state.co.us]
Sent: Wednesday, September 23, 2009 11:04 AM
To: Patty McClellan
Subject: work order 09-6082 VOA question

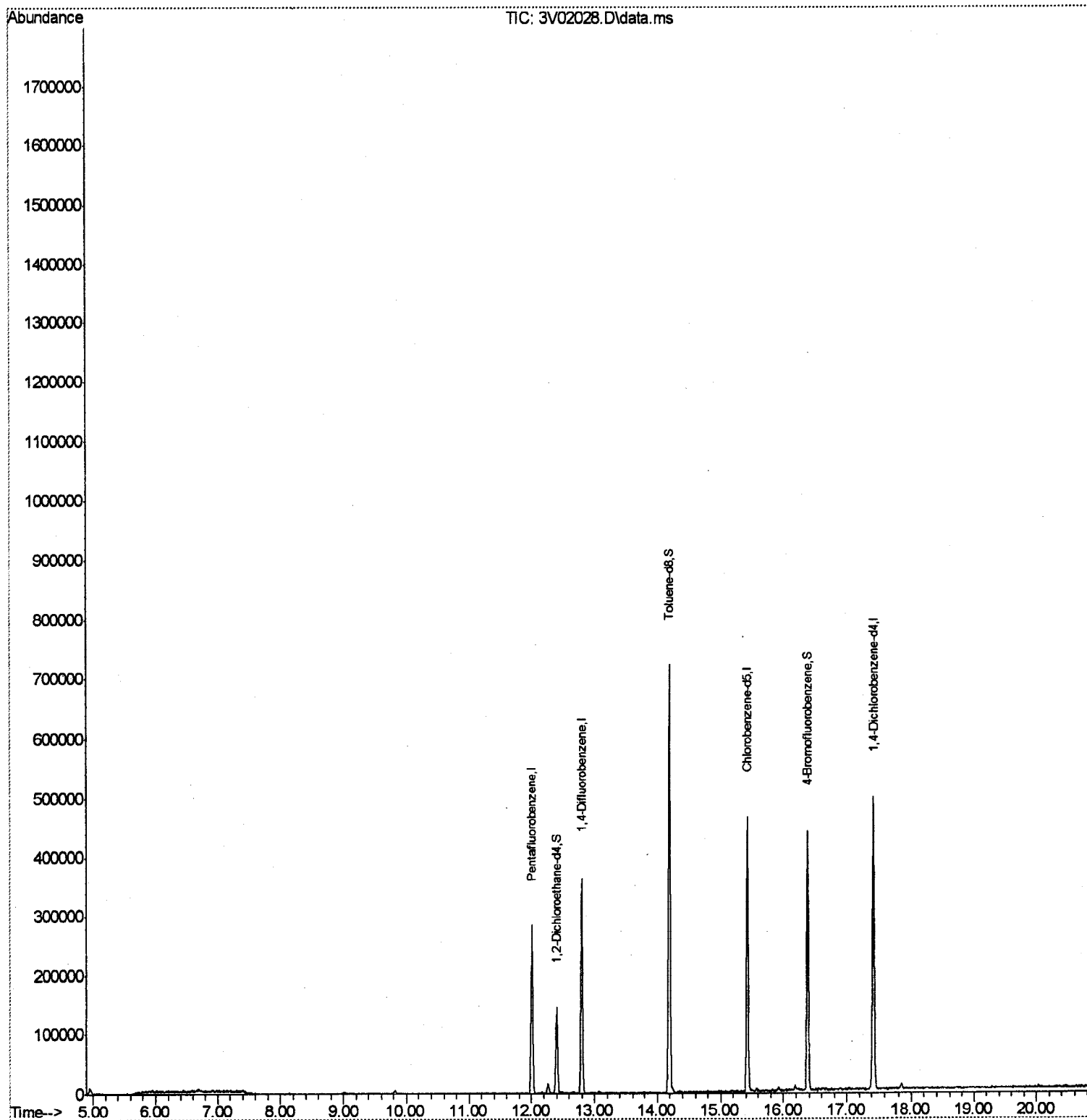
Patti, tetrahydrofuran was reported in sample 09-6082-01A at 6.2µg/l. I cannot find that THF was reported for the method blank associated with this sample. Can you check to assure me that the method blank associated with the analysis of this sample was analyzed for THF and if so what was the result?

Peter Gintautas
Environmental Protection Specialist
Colorado Oil and Gas Conservation Commission
719-846-3091
719-679-1326 (cell)
719-846-3384 (fax)
colorado.gov/cogcc
peter.gintautas@state.co.us

9/23/2009

Data Path : C:\msdchem\1\DATA\VOA3DATA\V3V86\
Data File : 3V02028.D
Acq On : 12 Aug 2009 12:02 pm
Operator : DONC
Sample : MB1,W
Misc : ,MBLK,8260_W,1,|MS177,V3V86,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 13 09:47:03 2009
Quant Method : C:\HPCHEM\1\METHODS\V3H71T73.M
Quant Title : 8260
QLast Update : Mon Aug 03 15:47:20 2009
Response via : Initial Calibration



8/13/09

Tentatively Identified Compound (LSC) summary

Data Path : C:\msdchem\1\DATA\VOA3DATA\V3V86\
Data File : 3V02028.D
Acq On : 12 Aug 2009 12:02 pmm
Operator : DONCC
Sample : MBL,WW
Misc : ,MBLK,8260_W,1,MS177,V3V86,,,,,11
ALS Vial : 3 Sample Multiplier: 11

METHOD BLANK
LIBRARY SEARCH

Quant Method : C:\HPCHEM\1\METHODS\V3H71T73.MM
Quant Title : 82600

TIC Library : C:\DATABASE\NIST98.LL
TIC Integration Parameters: LSCINT.PP

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
------------------	----	---------	-------	----------	---	----	------	------

|--Internal Standard--|

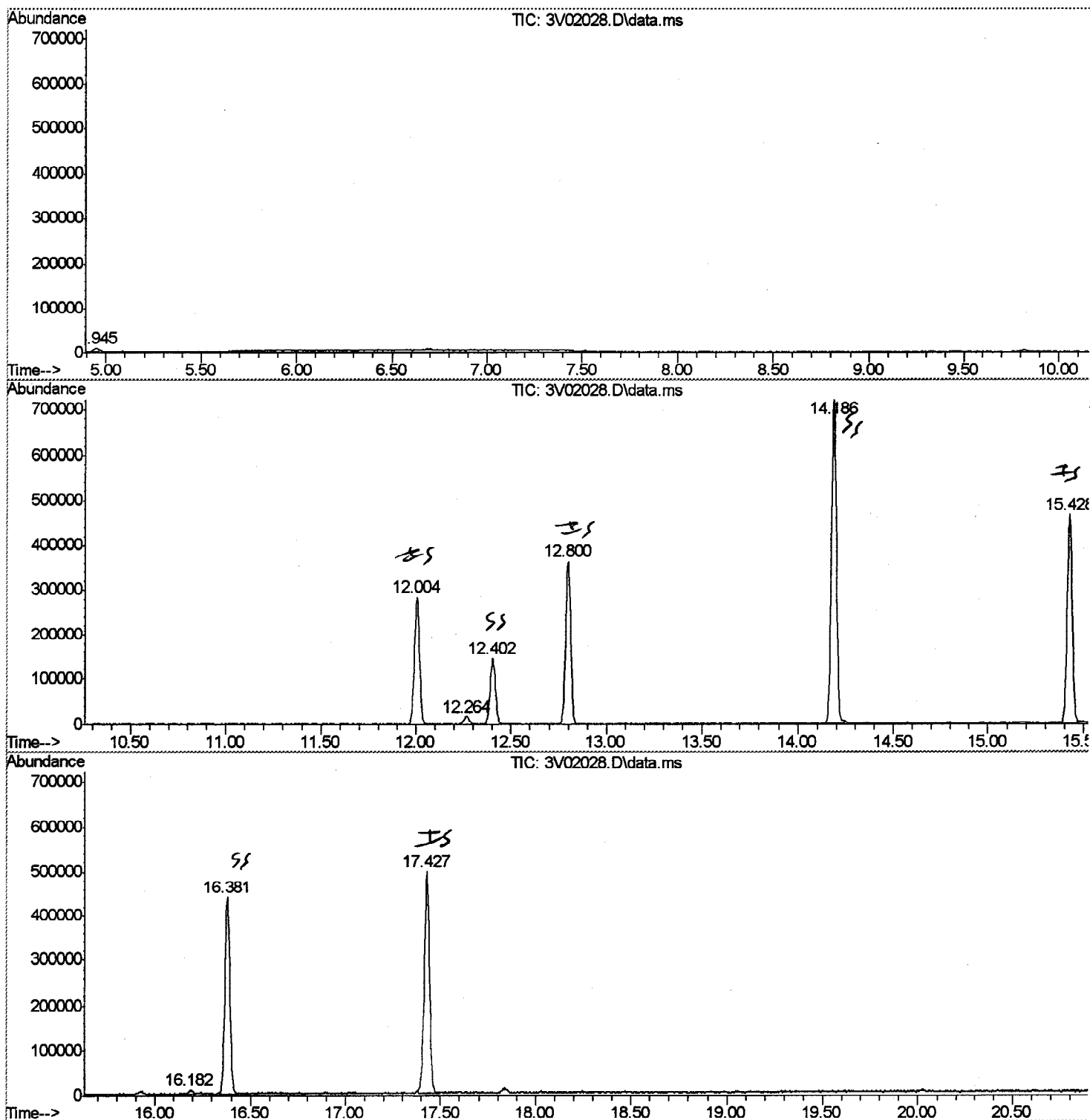
No Library Search Compounds Detected

LSC Report - Integrated Chromatogram

Data Path : C:\msdchem\1\DATA\VOA3DATA\V3V86\
 Data File : 3V02028.D
 Acq On : 12 Aug 2009 12:02 pm
 Operator : DONC
 Sample : MB1,W
 Misc : ,MBLK,8260_W,1,MS177,V3V86,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Method : C:\HPCHEM\1\METHODS\V3H71T73.M
 Quant Title : 8260

TIC Library : C:\DATABASE\NIST98.L
 TIC Integration Parameters: LSCINT.P



Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: SFPD 080911 WW
Client Project ID: Complaint 200213187
Date Collected: 8/11/09
Date Received: 8/12/09

Lab Work Order: 09-6082
Lab Sample ID: 09-6082-01
Sample Matrix: Water

ALKALINITY

Method: SM2320B

Prep Method:

Date Prepared: 8/13/09
Date Analyzed: 8/13/09

Lab File ID: 59
Method Blank: MBLK 8/13/09

Dilution Factor: 1
Lab Fraction ID: 09-6082-01C

Analytes	CAS Number	Result	LQL	Units
Total Alkalinity		300	5.0	mg/L CaCO ₃
Bicarbonate		300	5.0	mg/L CaCO ₃
Carbonate		U	5.0	mg/L CaCO ₃

FLUORIDE

Method: SM 4500-F C

Prep Method:

Date Prepared: 8/13/09
Date Analyzed: 8/13/09

Lab File ID: 4
Method Blank: MBLK 08/13/09

Dilution Factor: 1
Lab Fraction ID: 09-6082-01C

Analytes	CAS Number	Result	LQL	Units
Fluoride	16984-48-8	1.6	0.20	mg/L

JK / um
Analyst

Carl Hunte
Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample analysis exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL), TCLP limit, or if compound is undetected, LQL exceeds MCL.

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 9/24/2009