TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-15244-1

Job Description: Coral

For:
Colorado Oil&Gas Conservation Commision
1120 Lincoln St.
Suite 801
Denver, CO 80203

Attention: John Axelson

Lori Parsons

Approved for release.
Lori A Parsons
Project Manager I
5/13/2011 2:59 PM

Lori A Parsons
Project Manager I
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05/13/2011

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

ACCREDITED IN ACCORDANCE WITH
nelac

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CASE NARRATIVE

Client: Colorado Oil&Gas Conservation Commision

Project: Coral

Report Number: 280-15244-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 04/29/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 4.9 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Sample CORAL SS-1 (280-15244-1) was analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 05/05/2011.

The sample exhibited surrogate recoveries above the control limits for 4-bromofluorobenzene and toluene-d8. Evidence of matrix interference was observed.

The sample exhibited an internal standard response below the control limits for 1,4-dichlorobenzene-d4. Evidence of matrix interference was observed and the internal standard was not associated to any of the target analytes.

The MS/MSD associated with analytical batch 66258 was performed on an unrelated sample and exhibited percent recoveries in the MSD below the control limits and RPD values above the control limits for benzene, ethylbenzene, toluene, m & p - xylene, o-xylene, xylenes total, and naphthalene. The acceptable LCS analyses data indicated the analytical system was within control; therefore corrective action was deemed unnecessary.

No other difficulties were encountered during the VOC analysis.

All other quality control parameters were within the acceptance limits.

GASOLINE RANGE ORGANICS (GRO)
Sample CORAL SS-1 (280-15244-1) was analyzed for gasoline range organics (GRO) in accordance with EPA SW-846 Method 8015B - GRO. The samples were analyzed on 05/04/2011.

Sample CORAL SS-1 (280-15244-1) required a dilution prior to analysis due to high target analyte concentration. Elevated reporting limits have been provided. The surrogate recovery could not be evaluated due to the dilution performed.

No other difficulties were encountered during the GRO analysis.

All other quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS
Sample CORAL SS-1 (280-15244-1) was analyzed for diesel range organics in accordance with EPA SW-846 Method 8015B - DRO. The samples were prepared on 05/02/2011 and analyzed on 05/09/2011 and 05/10/2011.

Due to the matrix, the following sample(s) could not be concentrated to the final method required volume of 1mL. Samples 15179-B-3 and 15244-A-1 were thick and black, and therefore concentrated to 10mL. The MS/MSD associated with sample 15179-B-3 had been concentrated to the required 1mL, however, due to sample 15179-B-3 being the parent, the MS/MSD were also brought up to 10mL. : CORAL SS-1 (280-15244-1). The reporting limits (RLs) are elevated proportionately.

Sample CORAL SS-1 (280-15244-1)[10X] required dilution prior to analysis due to the sample matrix as well as high target analyte

concentrations. The laboratory noted the sample could not be concentrated to the normal final volume of 1mL. The sample was noted to be thick and black and was concentrated to a final volume of 10 mL. The MS/MSD associated with the analytical batch were also concentrated to 10 mL. Elevated reporting limits have been provided. The surrogate recovery could not be evaluated due to the dilution performed.

The MS/MSD associated with analytical batch 66516 was performed on an unrelated sample and exhibited percent recoveries and RPD values outside the control limits due to the dilutions performed. The acceptable LCS analyses data indicated the analytical system was within control; therefore corrective action was deemed unnecessary.

No other difficulties were encountered during the DRO analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS
Sample CORAL SS-1 (280-15244-1) was analyzed for percent solids in accordance with EPA SW846 3550C. The samples were analyzed on 05/03/2011.

No difficulties were encountered during the % solids analysis.

All quality control parameters were within the acceptance limits.

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: MSV_J   Analysis Batch Number: 65931

Lab Sample ID: IC 280-65931/2   Client Sample ID:

Date Analyzed: 05/04/11 10:45   Lab File ID: J6331.D   GC Column: DB-624   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	3.93	Split Peak	reinhardt j	05/04/11 15:23
Iodomethane	4.14	Split Peak	reinhardt j	05/04/11 15:23
Methylene Chloride	4.28	Split Peak	reinhardt j	05/04/11 15:23

Lab Sample ID: IC 280-65931/3   Client Sample ID:

Date Analyzed: 05/04/11 11:08   Lab File ID: J6332.D   GC Column: DB-624   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	3.91	Split Peak	reinhardt j	05/04/11 15:24
Iodomethane	4.12	Split Peak	reinhardt j	05/04/11 15:24
Methylene Chloride	4.28	Split Peak	reinhardt j	05/04/11 15:24

Lab Sample ID: IC 280-65931/4   Client Sample ID:

Date Analyzed: 05/04/11 11:31   Lab File ID: J6333.D   GC Column: DB-624   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	3.90	Split Peak	reinhardt j	05/04/11 15:25
Iodomethane	4.11	Split Peak	reinhardt j	05/04/11 15:25
Methylene Chloride	4.42	Split Peak	reinhardt j	05/04/11 15:25

8260B

Lab Name: TestAmerica Denver _____   Job No.: 280-15244-1 _____

SDG No.: _____

Instrument ID: MSV_J _____   Analysis Batch Number: 65931 _____

Lab Sample ID: IC 280-65931/5 _____   Client Sample ID: _____

Date Analyzed: 05/04/11 11:55 _____   Lab File ID: J6334.D _____   GC Column: DB-624 _____ ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Iodomethane	4.12	Not specified	reinhardt j	05/04/11 15:26
Methylene Chloride	4.40	Split Peak	reinhardt j	05/04/11 15:26

Lab Sample ID: IC 280-65931/6 _____   Client Sample ID: _____

Date Analyzed: 05/04/11 12:18 _____   Lab File ID: J6335.D _____   GC Column: DB-624 _____ ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	3.90	Split Peak	reinhardt j	05/04/11 15:26
Iodomethane	4.11	Split Peak	reinhardt j	05/04/11 15:27
Methylene Chloride	4.40	Split Peak	reinhardt j	05/04/11 15:27

Lab Sample ID: IC 280-65931/7 _____   Client Sample ID: _____

Date Analyzed: 05/04/11 12:41 _____   Lab File ID: J6336.D _____   GC Column: DB-624 _____ ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	3.89	Split Peak	reinhardt j	05/04/11 15:27
Iodomethane	4.10	Split Peak	reinhardt j	05/04/11 15:27
Methylene Chloride	4.40	Split Peak	reinhardt j	05/04/11 15:27

8260B

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: MSV_J   Analysis Batch Number: 65931

Lab Sample ID: IC 280-65931/8   Client Sample ID:

Date Analyzed: 05/04/11 13:04   Lab File ID: J6337.D   GC Column: DB-624   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	3.88	Split Peak	reinhardt j	05/04/11 15:28
Iodomethane	4.08	Split Peak	reinhardt j	05/04/11 15:28
Methylene Chloride	4.38	Split Peak	reinhardt j	05/04/11 15:28

Lab Sample ID: IC 280-65931/9   Client Sample ID:

Date Analyzed: 05/04/11 13:28   Lab File ID: J6338.D   GC Column: DB-624   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	3.85	Split Peak	reinhardt j	05/04/11 15:29
Iodomethane	4.07	Split Peak	reinhardt j	05/04/11 15:29
Methylene Chloride	4.39	Split Peak	reinhardt j	05/04/11 15:29

8260B

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.: _____

Instrument ID: MSV_J   Analysis Batch Number: 66115

Lab Sample ID: IC 280-66115/2   Client Sample ID: _____

Date Analyzed: 05/04/11 16:12   Lab File ID: J6343.D   GC Column: DB-624   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.54	Split Peak	reinhardt j	05/06/11 12:38
1,2-Dichloro-1,1,2-trifluoroethane	3.64	Split Peak	reinhardt j	05/06/11 12:38
2,2-Dichloro-1,1,1-trifluoroethane	3.69	Split Peak	reinhardt j	05/06/11 12:38
2-Propanol	3.92	Split Peak	reinhardt j	05/06/11 12:39

Lab Sample ID: IC 280-66115/3   Client Sample ID: _____

Date Analyzed: 05/04/11 16:35   Lab File ID: J6344.D   GC Column: DB-624   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.54	Split Peak	reinhardt j	05/06/11 12:47
1,2-Dichloro-1,1,2-trifluoroethane	3.66	Split Peak	reinhardt j	05/06/11 12:47
2,2-Dichloro-1,1,1-trifluoroethane	3.71	Split Peak	reinhardt j	05/06/11 12:47
2-Propanol	3.92	Analyte not Identified by the Data System	reinhardt j	05/06/11 12:47

8260B

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: MSV_J   Analysis Batch Number: 66115

Lab Sample ID: IC 280-66115/4   Client Sample ID:

Date Analyzed: 05/04/11 16:58   Lab File ID: J6345.D   GC Column: DB-624   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.53	Split Peak	reinhardt j	05/06/11 12:47
1,2-Dichloro-1,1,2-trifluoroethane	3.65	Split Peak	reinhardt j	05/06/11 12:47
2,2-Dichloro-1,1,1-trifluoroethane	3.70	Split Peak	reinhardt j	05/06/11 12:48
2-Propanol	3.93	Split Peak	reinhardt j	05/06/11 12:48
Ethyl acetate	5.58	Split Peak	reinhardt j	05/06/11 12:48

Lab Sample ID: IC 280-66115/5   Client Sample ID:

Date Analyzed: 05/04/11 17:21   Lab File ID: J6346.D   GC Column: DB-624   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.56	Baseline ID	reinhardt j	05/06/11 12:54
1,2-Dichloro-1,1,2-trifluoroethane	3.65	Split Peak	reinhardt j	05/06/11 12:54
2,2-Dichloro-1,1,1-trifluoroethane	3.71	Split Peak	reinhardt j	05/06/11 12:54
2-Propanol	3.93	Split Peak	reinhardt j	05/06/11 12:54
Ethyl acetate	5.57	Split Peak	reinhardt j	05/06/11 12:48

8260B

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.: _____

Instrument ID: MSV_J   Analysis Batch Number: 66115

Lab Sample ID: ICIS 280-66115/6   Client Sample ID: _____

Date Analyzed: 05/04/11 17:44   Lab File ID: J6347.D   GC Column: DB-624   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.56	Split Peak	reinhardtj	05/06/11 12:54
1,2-Dichloro-1,1,2-trifluoroethane	3.66	Split Peak	reinhardtj	05/06/11 12:55
2,2-Dichloro-1,1,1-trifluoroethane	3.71	Split Peak	reinhardtj	05/06/11 12:55

Lab Sample ID: IC 280-66115/7   Client Sample ID: _____

Date Analyzed: 05/04/11 18:07   Lab File ID: J6348.D   GC Column: DB-624   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloro-1,1,2-trifluoroethane	3.66	Split Peak	reinhardtj	05/06/11 12:55
2,2-Dichloro-1,1,1-trifluoroethane	3.71	Split Peak	reinhardtj	05/06/11 12:55
Ethyl acetate	5.57	Split Peak	reinhardtj	05/06/11 12:48

Lab Sample ID: IC 280-66115/8   Client Sample ID: _____

Date Analyzed: 05/04/11 18:30   Lab File ID: J6349.D   GC Column: DB-624   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloro-1,1,2-trifluoroethane	3.62	Split Peak	reinhardtj	05/06/11 13:46
2,2-Dichloro-1,1,1-trifluoroethane	3.67	Split Peak	reinhardtj	05/06/11 13:46

8260B

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: MSV_J   Analysis Batch Number: 66115

Lab Sample ID: ICV 280-66115/9   Client Sample ID:

Date Analyzed: 05/04/11 18:53   Lab File ID: J6350.D   GC Column: DB-624   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloro-1,1,2-trifluoroethane	3.66	Split Peak	reinhardt j	05/07/11 05:22
2,2-Dichloro-1,1,1-trifluoroethane	3.71	Split Peak	reinhardt j	05/07/11 05:22
Ethyl acetate	5.57	Split Peak	reinhardt j	05/07/11 05:22

8260B

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.: _____

Instrument ID: MSV_J   Analysis Batch Number: 66258

Lab Sample ID: CCV 280-66258/2   Client Sample ID: _____

Date Analyzed: 05/05/11 10:02   Lab File ID: J6360.D   GC Column: DB-624   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	3.91	Split Peak	reinhardt j	05/05/11 10:45
Iodomethane	4.14	Split Peak	reinhardt j	05/05/11 10:45
Methylene Chloride	4.28	Split Peak	reinhardt j	05/05/11 10:46

Lab Sample ID: CCV 280-66258/12   Client Sample ID: _____

Date Analyzed: 05/05/11 10:25   Lab File ID: J6361.D   GC Column: DB-624   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.57	Baseline ID	reinhardt j	05/06/11 07:06
1,2-Dichloro-1,1,2-trifluoroethane	3.72	Split Peak	reinhardt j	05/06/11 07:06
2,2-Dichloro-1,1,1-trifluoroethane	3.76	Split Peak	reinhardt j	05/06/11 07:06
1,1,2-Trichlorotrifluoroethane	3.93	Not specified	reinhardt j	05/06/11 07:06

8260B

GASOLINE RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: GCV_L   Analysis Batch Number: 61816

Lab Sample ID: IC 280-61816/3   Client Sample ID:

Date Analyzed: 04/11/11 16:26   Lab File ID: 116F0601.D   GC Column: RTX 502.2   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a,a-Trifluorotoluene	12.11	Baseline Event	SmithM	04/12/11 10:11
Gasoline Range Organics (GRO) -C6-C10	13.71	Baseline Event	SmithM	04/12/11 10:11
C5-C12	14.27	Baseline Event	SmithM	04/12/11 10:11
C6-C12	15.03	Baseline Event	SmithM	04/12/11 10:11
1-Chloro-4-fluorobenzene	16.73	Baseline Event	SmithM	04/12/11 10:11
Chlorobenzene	17.03	Baseline Event	SmithM	04/12/11 10:11

Lab Sample ID: IC 280-61816/4   Client Sample ID:

Date Analyzed: 04/11/11 17:40   Lab File ID: 118F0801.D   GC Column: RTX 502.2   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a,a-Trifluorotoluene	12.12	Baseline Event	SmithM	04/12/11 10:12
Gasoline Range Organics (GRO) -C6-C10	13.71	Baseline Event	SmithM	04/12/11 10:12
C5-C12	14.27	Baseline Event	SmithM	04/12/11 10:12
C6-C12	15.03	Baseline Event	SmithM	04/12/11 10:12
1-Chloro-4-fluorobenzene	16.74	Baseline Event	SmithM	04/12/11 10:12
Chlorobenzene	17.04	Baseline Event	SmithM	04/12/11 10:12

8015B

GASOLINE RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.: _____

Instrument ID: GCV_L   Analysis Batch Number: 61816

Lab Sample ID: ICRT 280-61816/5   Client Sample ID: _____

Date Analyzed: 04/11/11 18:18   Lab File ID: 119F0901.D   GC Column: RTX 502.2   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a,a-Trifluorotoluene	12.12	Baseline Event	SmithM	04/12/11 10:12
Gasoline Range Organics (GRO) -C6-C10	13.71	Baseline Event	SmithM	04/12/11 10:13
C5-C12	14.27	Baseline Event	SmithM	04/12/11 10:13
C6-C12	15.03	Baseline Event	SmithM	04/12/11 10:13
1-Chloro-4-fluorobenzene	16.74	Baseline Event	SmithM	04/12/11 10:12
Chlorobenzene	17.04	Baseline Event	SmithM	04/12/11 10:12

Lab Sample ID: IC 280-61816/6   Client Sample ID: _____

Date Analyzed: 04/11/11 18:55   Lab File ID: 120F1001.D   GC Column: RTX 502.2   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a,a-Trifluorotoluene	12.12	Baseline Event	SmithM	04/12/11 10:13
Gasoline Range Organics (GRO) -C6-C10	13.71	Baseline Event	SmithM	04/12/11 10:13
C5-C12	14.27	Baseline Event	SmithM	04/12/11 10:13
C6-C12	15.03	Baseline Event	SmithM	04/12/11 10:13
1-Chloro-4-fluorobenzene	16.74	Baseline Event	SmithM	04/12/11 10:13
Chlorobenzene	17.04	Baseline Event	SmithM	04/12/11 10:13

8015B

GASOLINE RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: GCV_L   Analysis Batch Number: 61816

Lab Sample ID: IC 280-61816/7   Client Sample ID:

Date Analyzed: 04/11/11 19:32   Lab File ID: 121F1101.D   GC Column: RTX 502.2   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a,a-Trifluorotoluene	12.12	Baseline Event	SmithM	04/12/11 10:13
Gasoline Range Organics (GRO) -C6-C10	13.71	Baseline Event	SmithM	04/12/11 10:13
C5-C12	14.27	Baseline Event	SmithM	04/12/11 10:13
C6-C12	15.03	Baseline Event	SmithM	04/12/11 10:13
1-Chloro-4-fluorobenzene	16.74	Baseline Event	SmithM	04/12/11 10:13
Chlorobenzene	17.03	Baseline Event	SmithM	04/12/11 10:13

Lab Sample ID: IC 280-61816/8   Client Sample ID:

Date Analyzed: 04/11/11 20:10   Lab File ID: 122F1201.D   GC Column: RTX 502.2   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a,a-Trifluorotoluene	12.11	Baseline Event	SmithM	04/12/11 10:15
1-Chloro-4-fluorobenzene	16.74	Baseline Event	SmithM	04/12/11 10:15
Chlorobenzene	17.03	Baseline Event	SmithM	04/12/11 10:15

Lab Sample ID: ICV 280-61816/9   Client Sample ID:

Date Analyzed: 04/11/11 21:23   Lab File ID: 124F1401.D   GC Column: RTX 502.2   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a,a-Trifluorotoluene	12.09	Baseline Event	SmithM	04/12/11 10:22
Gasoline	13.71	Baseline Event	SmithM	04/12/11 10:22
Gasoline Range Organics (GRO) -C6-C10	13.71	Baseline Event	SmithM	04/12/11 10:22
C5-C12	14.27	Baseline Event	SmithM	04/12/11 10:22
C6-C12	15.03	Baseline Event	SmithM	04/12/11 10:22
Chlorobenzene	17.02	Baseline Event	SmithM	04/12/11 10:22

8015B

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: GCV_L   Analysis Batch Number: 66301

Lab Sample ID: CCVRT 280-66301/2   Client Sample ID:

Date Analyzed: 05/04/11 11:44   Lab File ID: 105F0201.D   GC Column: RTX 502.2   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a,a-Trifluorotoluene	12.14	Baseline Event	SmithM	05/04/11 14:04
Chlorobenzene	17.06	Baseline Event	SmithM	05/04/11 14:04

Lab Sample ID: LCS 280-65409/1-A   Client Sample ID:

Date Analyzed: 05/04/11 14:08   Lab File ID: 106F0301.D   GC Column: RTX 502.2   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a,a-Trifluorotoluene	12.14	Baseline Event	SmithM	05/04/11 16:03

Lab Sample ID: CCV 280-66301/13   Client Sample ID:

Date Analyzed: 05/05/11 02:50   Lab File ID: 125F2201.D   GC Column: RTX 502.2   ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a,a-Trifluorotoluene	12.13	Baseline Event	SmithM	05/05/11 09:12
Chlorobenzene	17.05	Baseline Event	SmithM	05/05/11 09:12

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: GCS_U   Analysis Batch Number: 60120

Lab Sample ID: IC 280-60120/2   Client Sample ID:

Date Analyzed: 03/30/11 19:52   Lab File ID: 013B1301.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C36	7.70	Baseline Event	birdsellm	03/31/11 09:33
Motor Oil Range Organics [C24-C36]	8.05	Baseline Event	birdsellm	03/31/11 09:33
C25-C36	8.16	Baseline Event	birdsellm	03/31/11 09:33

Lab Sample ID: IC 280-60120/3   Client Sample ID:

Date Analyzed: 03/30/11 20:20   Lab File ID: 014B1401.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C36	7.70	Baseline Event	birdsellm	03/31/11 09:33
Motor Oil Range Organics [C24-C36]	8.05	Baseline Event	birdsellm	03/31/11 09:33
C25-C36	8.16	Baseline Event	birdsellm	03/31/11 09:33

Lab Sample ID: IC 280-60120/4   Client Sample ID:

Date Analyzed: 03/30/11 20:48   Lab File ID: 015B1501.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C36	7.70	Baseline Event	birdsellm	03/31/11 09:33
Motor Oil Range Organics [C24-C36]	8.05	Baseline Event	birdsellm	03/31/11 09:33
C25-C36	8.16	Baseline Event	birdsellm	03/31/11 09:33

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: GCS_U   Analysis Batch Number: 60120

Lab Sample ID: ICRT 280-60120/5   Client Sample ID:

Date Analyzed: 03/30/11 21:16   Lab File ID: 016B1601.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C36	7.70	Baseline Event	birdsellm	03/31/11 09:31
Motor Oil Range Organics [C24-C36]	8.05	Baseline Event	birdsellm	03/31/11 09:31
C25-C36	8.16	Baseline Event	birdsellm	03/31/11 09:31

Lab Sample ID: IC 280-60120/6   Client Sample ID:

Date Analyzed: 03/30/11 21:43   Lab File ID: 017B1701.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C36	7.70	Baseline Event	birdsellm	03/31/11 09:33
Motor Oil Range Organics [C24-C36]	8.05	Baseline Event	birdsellm	03/31/11 09:33
C25-C36	8.16	Baseline Event	birdsellm	03/31/11 09:33

Lab Sample ID: IC 280-60120/7   Client Sample ID:

Date Analyzed: 03/30/11 22:11   Lab File ID: 018B1801.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C36	7.70	Baseline Event	birdsellm	03/31/11 09:34
Motor Oil Range Organics [C24-C36]	8.05	Baseline Event	birdsellm	03/31/11 09:34
C25-C36	8.16	Baseline Event	birdsellm	03/31/11 09:34

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.: _____

Instrument ID: GCS_U   Analysis Batch Number: 60120

Lab Sample ID: IC 280-60120/8   Client Sample ID: _____

Date Analyzed: 03/30/11 22:39   Lab File ID: 019B1901.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C36	7.70	Baseline Event	birdsellm	03/31/11 09:34
Motor Oil Range Organics [C24-C36]	8.05	Baseline Event	birdsellm	03/31/11 09:34
C25-C36	8.16	Baseline Event	birdsellm	03/31/11 09:34

Lab Sample ID: ICV 280-60120/9   Client Sample ID: _____

Date Analyzed: 03/30/11 23:07   Lab File ID: 020B2001.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C32	7.49	Baseline Event	birdsellm	03/31/11 09:36
C22-C36	7.70	Baseline Event	birdsellm	03/31/11 09:36
Motor Oil Range Organics [C24-C36]	8.05	Baseline Event	birdsellm	03/31/11 09:36
Over C24-C36	8.10	Baseline Event	birdsellm	03/31/11 09:36
C25-C36	8.16	Baseline Event	birdsellm	03/31/11 09:36

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: GCS_U   Analysis Batch Number: 65756

Lab Sample ID: IC 280-65756/2   Client Sample ID:

Date Analyzed: 05/04/11 17:42   Lab File ID: 003B0301.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C10-C22	3.83	Baseline Event	birdsellm	05/05/11 09:48
C10-C24	4.06	Baseline Event	birdsellm	05/05/11 09:48
C10-C25	4.20	Baseline Event	birdsellm	05/05/11 09:48
Diesel Range Organics [C10-C28]	4.47	Baseline Event	birdsellm	05/05/11 09:48
C10-C32	4.86	Baseline Event	birdsellm	05/05/11 09:48
C10-C36	5.17	Baseline Event	birdsellm	05/05/11 09:48

Lab Sample ID: IC 280-65756/3   Client Sample ID:

Date Analyzed: 05/04/11 18:10   Lab File ID: 004B0401.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C10-C22	3.83	Baseline Event	birdsellm	05/05/11 09:48
C10-C24	4.06	Baseline Event	birdsellm	05/05/11 09:48
C10-C25	4.20	Baseline Event	birdsellm	05/05/11 09:48
Diesel Range Organics [C10-C28]	4.47	Baseline Event	birdsellm	05/05/11 09:48
C8-C34	4.60	Baseline Event	birdsellm	05/05/11 09:48
C10-C32	4.86	Baseline Event	birdsellm	05/05/11 09:48
C10-C36	5.17	Baseline Event	birdsellm	05/05/11 09:48
o-Terphenyl	5.51	Baseline Event	birdsellm	05/05/11 09:48
n-Octacosane	7.74	Baseline Event	birdsellm	05/05/11 09:48

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: GCS_U   Analysis Batch Number: 65756

Lab Sample ID: IC 280-65756/4   Client Sample ID:

Date Analyzed: 05/04/11 18:37   Lab File ID: 005B0501.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C10-C22	3.83	Baseline Event	birdsellm	05/05/11 09:49
C10-C24	4.06	Baseline Event	birdsellm	05/05/11 09:49
C10-C25	4.20	Baseline Event	birdsellm	05/05/11 09:49
Diesel Range Organics [C10-C28]	4.47	Baseline Event	birdsellm	05/05/11 09:49
C8-C34	4.60	Baseline Event	birdsellm	05/05/11 09:49
C10-C32	4.86	Baseline Event	birdsellm	05/05/11 09:49
C10-C36	5.17	Baseline Event	birdsellm	05/05/11 09:49
o-Terphenyl	5.50	Baseline Event	birdsellm	05/05/11 09:49
n-Octacosane	7.74	Baseline Event	birdsellm	05/05/11 09:49

Lab Sample ID: ICRT 280-65756/5   Client Sample ID:

Date Analyzed: 05/04/11 19:05   Lab File ID: 006B0601.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C10-C22	3.83	Baseline Event	birdsellm	05/05/11 09:32
C10-C24	4.06	Baseline Event	birdsellm	05/05/11 09:32
C10-C25	4.20	Baseline Event	birdsellm	05/05/11 09:32
Diesel Range Organics [C10-C28]	4.47	Baseline Event	birdsellm	05/05/11 09:32
C8-C34	4.60	Baseline Event	birdsellm	05/05/11 09:32
C10-C32	4.86	Baseline Event	birdsellm	05/05/11 09:32
C10-C36	5.17	Baseline Event	birdsellm	05/05/11 09:32
o-Terphenyl	5.50	Baseline Event	birdsellm	05/05/11 09:32
n-Octacosane	7.73	Baseline Event	birdsellm	05/05/11 09:32

8015B

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: GCS_U   Analysis Batch Number: 65756

Lab Sample ID: IC 280-65756/6   Client Sample ID:

Date Analyzed: 05/04/11 19:32   Lab File ID: 007B0701.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C10-C22	3.83	Baseline Event	birdsellm	05/05/11 09:49
C10-C24	4.06	Baseline Event	birdsellm	05/05/11 09:49
C10-C25	4.20	Baseline Event	birdsellm	05/05/11 09:49
Diesel Range Organics [C10-C28]	4.47	Baseline Event	birdsellm	05/05/11 09:49
C8-C34	4.60	Baseline Event	birdsellm	05/05/11 09:49
C10-C32	4.86	Baseline Event	birdsellm	05/05/11 09:49
C10-C36	5.17	Baseline Event	birdsellm	05/05/11 09:49
o-Terphenyl	5.49	Baseline Event	birdsellm	05/05/11 09:49
n-Octacosane	7.74	Baseline Event	birdsellm	05/05/11 09:49

Lab Sample ID: IC 280-65756/7   Client Sample ID:

Date Analyzed: 05/04/11 19:59   Lab File ID: 008B0801.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C10-C22	3.83	Baseline Event	birdsellm	05/05/11 10:23
C10-C24	4.06	Baseline Event	birdsellm	05/05/11 10:23
C10-C25	4.20	Baseline Event	birdsellm	05/05/11 10:23
Diesel Range Organics [C10-C28]	4.47	Baseline Event	birdsellm	05/05/11 10:23
C8-C34	4.60	Baseline Event	birdsellm	05/05/11 10:23
C10-C32	4.86	Baseline Event	birdsellm	05/05/11 10:23
C10-C36	5.17	Baseline Event	birdsellm	05/05/11 10:23
o-Terphenyl	5.49	Baseline Event	birdsellm	05/05/11 10:23

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.: _____

Instrument ID: GCS_U   Analysis Batch Number: 65756

Lab Sample ID: IC 280-65756/8   Client Sample ID: _____

Date Analyzed: 05/04/11 20:26   Lab File ID: 009B0901.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

| COMPOUND NAME | RETENTION | MANUAL INTEGRATION | | |
	TIME	REASON	ANALYST	DATE
C10-C22	3.83	Baseline Event	birdsellm	05/05/11 09:50
C10-C24	4.06	Baseline Event	birdsellm	05/05/11 09:50
C10-C25	4.20	Baseline Event	birdsellm	05/05/11 09:50
Diesel Range Organics [C10-C28]	4.47	Baseline Event	birdsellm	05/05/11 09:50
C8-C34	4.60	Baseline Event	birdsellm	05/05/11 09:50
C10-C32	4.86	Baseline Event	birdsellm	05/05/11 09:50
C10-C36	5.17	Baseline Event	birdsellm	05/05/11 09:50
o-Terphenyl	5.49	Baseline Event	birdsellm	05/05/11 09:50
n-Octacosane	7.76	Baseline Event	birdsellm	05/05/11 09:50

Lab Sample ID: ICV 280-65756/9   Client Sample ID: _____

Date Analyzed: 05/04/11 20:54   Lab File ID: 010B1001.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

| COMPOUND NAME | RETENTION | MANUAL INTEGRATION | | |
	TIME	REASON	ANALYST	DATE
C10-C22	3.83	Baseline Event	birdsellm	05/05/11 09:55
C10-C24	4.06	Baseline Event	birdsellm	05/05/11 09:55
C10-C25	4.20	Baseline Event	birdsellm	05/05/11 09:55
Diesel Range Organics [C10-C28]	4.47	Baseline Event	birdsellm	05/05/11 09:55
C8-C34	4.60	Baseline Event	birdsellm	05/05/11 09:55
C10-C32	4.86	Baseline Event	birdsellm	05/05/11 09:55
C10-C36	5.17	Baseline Event	birdsellm	05/05/11 09:55
o-Terphenyl	5.49	Baseline Event	birdsellm	05/05/11 09:52
n-Octacosane	7.75	Baseline Event	birdsellm	05/05/11 09:55

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: GCS_U   Analysis Batch Number: 66516

Lab Sample ID: CCVRT 280-66516/2   Client Sample ID:

Date Analyzed: 05/05/11 13:07   Lab File ID: 004B0401.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diesel Range Organics [C10-C28]	4.51	Baseline Event	birdsellm	05/10/11 09:43
C10-C36	5.21	Baseline Event	birdsellm	05/10/11 09:43
o-Terphenyl	5.50	Baseline Event	birdsellm	05/10/11 09:43
n-Octacosane	7.74	Baseline Event	birdsellm	05/10/11 09:43
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:43

Lab Sample ID: CCV 280-66516/3   Client Sample ID:

Date Analyzed: 05/05/11 18:15   Lab File ID: 015B1501.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diesel Range Organics [C10-C28]	4.51	Baseline Event	birdsellm	05/10/11 09:43
C10-C36	5.21	Baseline Event	birdsellm	05/10/11 09:43
o-Terphenyl	5.50	Baseline Event	birdsellm	05/10/11 09:43
n-Octacosane	7.74	Baseline Event	birdsellm	05/10/11 09:43
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:43

Lab Sample ID: LCS 280-65084/2-A   Client Sample ID:

Date Analyzed: 05/05/11 19:38   Lab File ID: 018B1801.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diesel Range Organics [C10-C28]	4.51	Baseline Event	birdsellm	05/10/11 09:44
o-Terphenyl	5.49	Baseline Event	birdsellm	05/10/11 09:44
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:44

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: GCS_U   Analysis Batch Number: 66516

Lab Sample ID: 280-15280-C-1-B MS   Client Sample ID:

Date Analyzed: 05/05/11 20:33   Lab File ID: 020B2001.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diesel Range Organics [C10-C28]	4.51	Baseline Event	birdsellm	05/10/11 09:44
o-Terphenyl	5.49	Baseline Event	birdsellm	05/10/11 09:44
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:44

Lab Sample ID: 280-15280-C-1-C MSD   Client Sample ID:

Date Analyzed: 05/05/11 21:01   Lab File ID: 021B2101.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diesel Range Organics [C10-C28]	4.51	Baseline Event	birdsellm	05/10/11 09:45
o-Terphenyl	5.49	Baseline Event	birdsellm	05/10/11 09:45
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:45

Lab Sample ID: 280-15179-B-1-B MS   Client Sample ID:

Date Analyzed: 05/05/11 21:56   Lab File ID: 023B2301.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:45

Lab Sample ID: 280-15179-B-1-C MSD   Client Sample ID:

Date Analyzed: 05/05/11 22:24   Lab File ID: 024B2401.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:45

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: GCS_U   Analysis Batch Number: 66516

Lab Sample ID: CCV 280-66516/12   Client Sample ID:

Date Analyzed: 05/05/11 23:19   Lab File ID: 026B2601.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diesel Range Organics [C10-C28]	4.51	Baseline Event	birdsellm	05/10/11 09:46
C10-C36	5.21	Baseline Event	birdsellm	05/10/11 09:46
o-Terphenyl	5.49	Baseline Event	birdsellm	05/10/11 09:46
n-Octacosane	7.73	Baseline Event	birdsellm	05/10/11 09:46
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:46

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: GCS_U   Analysis Batch Number: 66521

Lab Sample ID: CCVRT 280-66521/2   Client Sample ID:

Date Analyzed: 05/09/11 12:04   Lab File ID: 004B0401.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diesel Range Organics [C10-C28]	4.51	Baseline Event	birdsellm	05/10/11 09:50
C10-C36	5.20	Baseline Event	birdsellm	05/10/11 09:50
o-Terphenyl	5.50	Baseline Event	birdsellm	05/10/11 09:50
n-Octacosane	7.74	Baseline Event	birdsellm	05/10/11 09:50
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:50

Lab Sample ID: CCV 280-66521/3   Client Sample ID:

Date Analyzed: 05/09/11 16:44   Lab File ID: 014B1401.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C32	7.49	Baseline Event	birdsellm	05/10/11 09:50
C22-C36	7.80	Baseline Event	birdsellm	05/10/11 09:50
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:50
Over C24-C36	8.09	Baseline Event	birdsellm	05/10/11 09:50
C25-C36	8.15	Baseline Event	birdsellm	05/10/11 09:50

Lab Sample ID: LCS 280-65084/2-A   Client Sample ID:

Date Analyzed: 05/09/11 17:40   Lab File ID: 016B1601.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diesel Range Organics [C10-C28]	4.51	Baseline Event	birdsellm	05/10/11 09:50
o-Terphenyl	5.49	Baseline Event	birdsellm	05/10/11 09:50
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:50

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: GCS_U   Analysis Batch Number: 66521

Lab Sample ID: 280-15280-C-1-B MS   Client Sample ID:

Date Analyzed: 05/09/11 18:36   Lab File ID: 018B1801.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diesel Range Organics [C10-C28]	4.51	Baseline Event	birdsellm	05/10/11 09:51
o-Terphenyl	5.49	Baseline Event	birdsellm	05/10/11 09:51
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:51

Lab Sample ID: 280-15280-C-1-C MSD   Client Sample ID:

Date Analyzed: 05/09/11 19:04   Lab File ID: 019B1901.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diesel Range Organics [C10-C28]	4.51	Baseline Event	birdsellm	05/10/11 09:51
o-Terphenyl	5.49	Baseline Event	birdsellm	05/10/11 09:51
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:51

Lab Sample ID: 280-15179-B-1-B MS   Client Sample ID:

Date Analyzed: 05/09/11 20:00   Lab File ID: 021B2101.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:52

Lab Sample ID: 280-15179-B-1-C MSD   Client Sample ID:

Date Analyzed: 05/09/11 20:28   Lab File ID: 022B2201.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:52

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.: _____

Instrument ID: GCS_U   Analysis Batch Number: 66521

Lab Sample ID: 280-15244-1   Client Sample ID: CORAL SS-1

Date Analyzed: 05/09/11 20:56   Lab File ID: 023B2301.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

| COMPOUND NAME | RETENTION | MANUAL INTEGRATION | | |
	TIME	REASON	ANALYST	DATE
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:52

Lab Sample ID: CCV 280-66521/13   Client Sample ID: _____

Date Analyzed: 05/09/11 21:51   Lab File ID: 025B2501.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

| COMPOUND NAME | RETENTION | MANUAL INTEGRATION | | |
	TIME	REASON	ANALYST	DATE
C22-C32	7.49	Baseline Event	birdsellm	05/10/11 09:53
C22-C36	7.80	Baseline Event	birdsellm	05/10/11 09:53
Motor Oil Range Organics [C24-C36]	8.03	Baseline Event	birdsellm	05/10/11 09:53
Over C24-C36	8.09	Baseline Event	birdsellm	05/10/11 09:53
C25-C36	8.15	Baseline Event	birdsellm	05/10/11 09:53

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: GCS_U   Analysis Batch Number: 66554

Lab Sample ID: CCVRT 280-66554/2   Client Sample ID:

Date Analyzed: 05/10/11 09:54   Lab File ID: 003B0301.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diesel Range Organics [C10-C28]	4.50	Baseline Event	birdsellm	05/10/11 12:08
C10-C36	5.21	Baseline Event	birdsellm	05/10/11 12:08
o-Terphenyl	5.49	Baseline Event	birdsellm	05/10/11 12:08

Lab Sample ID: CCV 280-66554/4   Client Sample ID:

Date Analyzed: 05/10/11 10:50   Lab File ID: 005B0501.D   GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Diesel Range Organics [C10-C28]	4.50	Baseline Event	birdsellm	05/10/11 12:09
C10-C36	5.21	Baseline Event	birdsellm	05/10/11 12:09
o-Terphenyl	5.49	Baseline Event	birdsellm	05/10/11 12:09

8015B

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: MSV_J   Analysis Batch Number: 65931

Lab Sample ID: IC 280-65931/2   Client Sample ID:

Date Analyzed: 05/04/11 10:45   Lab File ID: J6331.D   GC Column: DB-624   ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	REASON	MANUAL INTEGRATION ANALYST	DATE
1,1-Dichloroethene	3.93	Split Peak	reinhardt j	05/04/11 15:23
Iodomethane	4.14	Split Peak	reinhardt j	05/04/11 15:23
Methylene Chloride	4.28	Split Peak	reinhardt j	05/04/11 15:23

Lab Sample ID: IC 280-65931/3   Client Sample ID:

Date Analyzed: 05/04/11 11:08   Lab File ID: J6332.D   GC Column: DB-624   ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	REASON	MANUAL INTEGRATION ANALYST	DATE
1,1-Dichloroethene	3.91	Split Peak	reinhardt j	05/04/11 15:24
Iodomethane	4.12	Split Peak	reinhardt j	05/04/11 15:24
Methylene Chloride	4.28	Split Peak	reinhardt j	05/04/11 15:24

Lab Sample ID: IC 280-65931/4   Client Sample ID:

Date Analyzed: 05/04/11 11:31   Lab File ID: J6333.D   GC Column: DB-624   ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	REASON	MANUAL INTEGRATION ANALYST	DATE
1,1-Dichloroethene	3.90	Split Peak	reinhardt j	05/04/11 15:25
Iodomethane	4.11	Split Peak	reinhardt j	05/04/11 15:25
Methylene Chloride	4.42	Split Peak	reinhardt j	05/04/11 15:25

8260B

05/13/2011

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: MSV_J   Analysis Batch Number: 65931

Lab Sample ID: IC 280-65931/5   Client Sample ID:

Date Analyzed: 05/04/11 11:55   Lab File ID: J6334.D   GC Column: DB-624   ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Iodomethane	4.12	Not specified	reinhardt j	05/04/11 15:26
Methylene Chloride	4.40	Split Peak	reinhardt j	05/04/11 15:26

Lab Sample ID: IC 280-65931/6   Client Sample ID:

Date Analyzed: 05/04/11 12:18   Lab File ID: J6335.D   GC Column: DB-624   ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	3.90	Split Peak	reinhardt j	05/04/11 15:26
Iodomethane	4.11	Split Peak	reinhardt j	05/04/11 15:27
Methylene Chloride	4.40	Split Peak	reinhardt j	05/04/11 15:27

Lab Sample ID: IC 280-65931/7   Client Sample ID:

Date Analyzed: 05/04/11 12:41   Lab File ID: J6336.D   GC Column: DB-624   ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	3.89	Split Peak	reinhardt j	05/04/11 15:27
Iodomethane	4.10	Split Peak	reinhardt j	05/04/11 15:27
Methylene Chloride	4.40	Split Peak	reinhardt j	05/04/11 15:27

8260B

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

SDG No.:

Job No.: 280-15244-1

Instrument ID: MSV_J

Analysis Batch Number: 65931

Lab Sample ID: IC 280-65931/8

Client Sample ID:

Date Analyzed: 05/04/11 13:04

Lab File ID: J6337.D

GC Column: DB-624

ID: 0.53 (mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
		REASON	ANALYST	DATE
1,1-Dichloroethene	3.88	Split Peak	reinhardt j	05/04/11 15:28
Iodomethane	4.08	Split Peak	reinhardt j	05/04/11 15:28
Methylene Chloride	4.38	Split Peak	reinhardt j	05/04/11 15:28

Lab Sample ID: IC 280-65931/9

Client Sample ID:

Date Analyzed: 05/04/11 13:28

Lab File ID: J6338.D

GC Column: DB-624

ID: 0.53 (mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
		REASON	ANALYST	DATE
1,1-Dichloroethene	3.85	Split Peak	reinhardt j	05/04/11 15:29
Iodomethane	4.07	Split Peak	reinhardt j	05/04/11 15:29
Methylene Chloride	4.39	Split Peak	reinhardt j	05/04/11 15:29

8260B

05/13/2011

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

SDG No.:

Job No.: 280-15244-1

Instrument ID: MSV_J

Analysis Batch Number: 66115

Lab Sample ID: IC 280-66115/2

Client Sample ID:

Date Analyzed: 05/04/11 16:12

Lab File ID: J6343.D

GC Column: DB-624

ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
1,2-Dichloro-1,2,2-tetrafluoroethane	2.54	Split Peak	reinhardt j	05/06/11 12:38
1,2-Dichloro-1,1,2-trifluoroethane	3.64	Split Peak	reinhardt j	05/06/11 12:38
2,2-Dichloro-1,1,1-trifluoroethane	3.69	Split Peak	reinhardt j	05/06/11 12:38
2-Propanol	3.92	Split Peak	reinhardt j	05/06/11 12:39

Lab Sample ID: IC 280-66115/3

Client Sample ID:

Date Analyzed: 05/04/11 16:35

Lab File ID: J6344.D

GC Column: DB-624

ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
1,2-Dichloro-1,2,2-tetrafluoroethane	2.54	Split Peak	reinhardt j	05/06/11 12:47
1,2-Dichloro-1,1,2-trifluoroethane	3.66	Split Peak	reinhardt j	05/06/11 12:47
2,2-Dichloro-1,1,1-trifluoroethane	3.71	Split Peak	reinhardt j	05/06/11 12:47
2-Propanol	3.92	Analyte not Identified by the Data System	reinhardt j	05/06/11 12:47

8260B

05/13/2011

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: MSV_J   Analysis Batch Number: 66115

Lab Sample ID: IC 280-66115/4   Client Sample ID:

Date Analyzed: 05/04/11 16:58   Lab File ID: J6345.D   GC Column: DB-624   ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.53	Split Peak	reinhardt j	05/06/11 12:47
1,2-Dichloro-1,1,2-trifluoroethane	3.65	Split Peak	reinhardt j	05/06/11 12:47
2,2-Dichloro-1,1,1-trifluoroethane	3.70	Split Peak	reinhardt j	05/06/11 12:48
2-Propanol	3.93	Split Peak	reinhardt j	05/06/11 12:48
Ethyl acetate	5.58	Split Peak	reinhardt j	05/06/11 12:48

Lab Sample ID: IC 280-66115/5   Client Sample ID:

Date Analyzed: 05/04/11 17:21   Lab File ID: J6346.D   GC Column: DB-624   ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.56	Baseline ID	reinhardt j	05/06/11 12:54
1,2-Dichloro-1,1,2-trifluoroethane	3.65	Split Peak	reinhardt j	05/06/11 12:54
2,2-Dichloro-1,1,1-trifluoroethane	3.71	Split Peak	reinhardt j	05/06/11 12:54
2-Propanol	3.93	Split Peak	reinhardt j	05/06/11 12:54
Ethyl acetate	5.57	Split Peak	reinhardt j	05/06/11 12:48

8260B

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

SDG No.:

Job No.: 280-15244-1

Instrument ID: MSV J

Lab Sample ID: ICIS 280-66115/6

Client Sample ID:

Date Analyzed: 05/04/11 17:44

Analysis Batch Number: 66115

Lab File ID: J6347.D

GC Column: DB-624   ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	REASON	MANUAL INTEGRATION	
			ANALYST	DATE
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.56	Split Peak	reinhardt j	05/06/11 12:54
1,2-Dichloro-1,1,2-trifluoroethane	3.66	Split Peak	reinhardt j	05/06/11 12:55
2,2-Dichloro-1,1,1-trifluoroethane	3.71	Split Peak	reinhardt j	05/06/11 12:55

Lab Sample ID: IC 280-66115/7

Client Sample ID:

Date Analyzed: 05/04/11 18:07

Lab File ID: J6348.D

GC Column: DB-624   ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	REASON	MANUAL INTEGRATION	
			ANALYST	DATE
1,2-Dichloro-1,1,2-trifluoroethane	3.66	Split Peak	reinhardt j	05/06/11 12:55
2,2-Dichloro-1,1,1-trifluoroethane	3.71	Split Peak	reinhardt j	05/06/11 12:55
Ethyl acetate	5.57	Split Peak	reinhardt j	05/06/11 12:48

Lab Sample ID: IC 280-66115/8

Client Sample ID:

Date Analyzed: 05/04/11 18:30

Lab File ID: J6349.D

GC Column: DB-624   ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	REASON	MANUAL INTEGRATION	
			ANALYST	DATE
1,2-Dichloro-1,1,2-trifluoroethane	3.62	Split Peak	reinhardt j	05/06/11 13:46
2,2-Dichloro-1,1,1-trifluoroethane	3.67	Split Peak	reinhardt j	05/06/11 13:46

8260B

05/13/2011

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: MSV_J   Analysis Batch Number: 66115

Lab Sample ID: ICV 280-66115/9   Client Sample ID:

Date Analyzed: 05/04/11 18:53   Lab File ID: J6350.D   GC Column: DB-624   ID: 0.53 (mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
		REASON	ANALYST	DATE
1,2-Dichloro-1,1,2-trifluoroethane	3.66	Split Peak	reinhardt j	05/07/11 05:22
2,2-Dichloro-1,1,1-trifluoroethane	3.71	Split Peak	reinhardt j	05/07/11 05:22
Ethyl acetate	5.57	Split Peak	reinhardt j	05/07/11 05:22

8260B

05/13/2011

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver   Job No.: 280-15244-1

SDG No.:

Instrument ID: MSV_J

Lab Sample ID: CCV 280-66258/2   Analysis Batch Number: 66258

Client Sample ID:

Date Analyzed: 05/05/11 10:02   Lab File ID: J6360.D   GC Column: DB-624   ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	3.91	Split Peak	reinhardt j	05/05/11 10:45
Iodomethane	4.14	Split Peak	reinhardt j	05/05/11 10:45
Methylene Chloride	4.28	Split Peak	reinhardt j	05/05/11 10:46

Lab Sample ID: CCV 280-66258/12   Client Sample ID:

Date Analyzed: 05/05/11 10:25   Lab File ID: J6361.D   GC Column: DB-624   ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.57	Baseline ID	reinhardt j	05/06/11 07:06
1,2-Dichloro-1,1,2-trifluoroethane	3.72	Split Peak	reinhardt j	05/06/11 07:06
2,2-Dichloro-1,1,1-trifluoroethane	3.76	Split Peak	reinhardt j	05/06/11 07:06
1,1,2-Trichlorotrifluoroethane	3.93	Not specified	reinhardt j	05/06/11 07:06

8260B

05/13/2011

SAMPLE SUMMARY

Client: Colorado Oil&Gas Conservation Commision   Job Number: 280-15244-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-15244-1	CORAL SS-1	Solid	04/29/2011 1100	04/29/2011 1356

EXECUTIVE SUMMARY - Detections

Client: Colorado Oil&Gas Conservation Commision   Job Number: 280-15244-1

Lab Sample ID Client Sample ID				
Analyte	**Result / Qualifier**	**Reporting Limit**	**Units**	**Method**

280-15244-1   CORAL SS-1

Analyte	Result / Qualifier	Reporting Limit	Units	Method
m-Xylene & p-Xylene	54	2.5	ug/Kg	8260B
o-Xylene	160	2.5	ug/Kg	8260B
Xylenes, Total	210	5.0	ug/Kg	8260B
Naphthalene	11	5.0	ug/Kg	8260B
Gasoline Range Organics (GRO)-C6-C10	260	13	mg/Kg	8015B
Diesel Range Organics [C10-C28]	22000	420	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]	15000	1200	mg/Kg	8015B
Percent Moisture	6.4	0.10	%	Moisture

TestAmerica Denver

METHOD SUMMARY

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-15244-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL DEN	SW846 8260B	
Purge and Trap	TAL DEN		SW846 5030B
Gasoline Range Organics - (GC)	TAL DEN	SW846 8015B	
Purge and Trap	TAL DEN		SW846 5030B
Diesel Range Organics (DRO) (GC)	TAL DEN	SW846 8015B	
Microwave Extraction	TAL DEN		SW846 3546
Percent Moisture	TAL DEN	EPA Moisture	

Lab References:

TAL DEN = TestAmerica Denver

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Colorado Oil&Gas Conservation Commision

Method	Analyst	Analyst ID
SW846 8260B	Reinhardt, Jason	JR
SW846 8015B	Smith, Matthew P	MPS
SW846 8015B	Birdsell, Matthew R	MRB
EPA Moisture	Berry III, Paul B	PBB

TestAmerica Denver

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-15244-1

Client Sample ID: **CORAL SS-1**

Lab Sample ID:	280-15244-1			Date Sampled: 04/29/2011 1100
Client Matrix:	Solid	% Moisture:	6.4	Date Received: 04/29/2011 1356

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-66258	Instrument ID:	MSV_J
Prep Method:	5030B	Prep Batch:	280-65798	Lab File ID:	J6365.D
Dilution:	1.0			Initial Weight/Volume:	5.292 g
Analysis Date:	05/05/2011 1307			Final Weight/Volume:	5 mL
Prep Date:	05/05/2011 1225				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Benzene		ND		5.0
Ethylbenzene		ND		5.0
Toluene		ND		5.0
m-Xylene & p-Xylene		54		2.5
o-Xylene		160		2.5
Xylenes, Total		210		5.0
Naphthalene		11		5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		58 - 140
Toluene-d8 (Surr)	308	X	80 - 126
4-Bromofluorobenzene (Surr)	2162	E X	76 - 127
Dibromofluoromethane (Surr)	109		75 - 121

Client: Colorado Oil&Gas Conservation Commision   Job Number: 280-15244-1

Client Sample ID: **CORAL SS-1**

Lab Sample ID:	280-15244-1			Date Sampled:	04/29/2011 1100
Client Matrix:	Solid	% Moisture:	6.4	Date Received:	04/29/2011 1356

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	280-66301	Instrument ID:	GCV_L
Prep Method:	5030B	Prep Batch:	280-65409	Initial Weight/Volume:	10.20 g
Dilution:	10			Final Weight/Volume:	500 mL
Analysis Date:	05/04/2011 2118			Injection Volume:	5 mL
Prep Date:	05/03/2011 1528			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Gasoline Range Organics (GRO)-C6-C10		260		13

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	0	X	77 - 123

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-15244-1

Client Sample ID: **CORAL SS-1**

Lab Sample ID:	280-15244-1		Date Sampled: 04/29/2011 1100
Client Matrix:	Solid	% Moisture: 6.4	Date Received: 04/29/2011 1356

8015B Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B	Analysis Batch:	280-66521	Instrument ID:	GCS_U
Prep Method:	3546	Prep Batch:	280-65084	Initial Weight/Volume:	30.8 g
Dilution:	10			Final Weight/Volume:	10000 uL
Analysis Date:	05/09/2011 2056			Injection Volume:	1 uL
Prep Date:	05/02/2011 1055			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Motor Oil Range Organics [C24-C36]		15000		1200

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-15244-1

Client Sample ID: **CORAL SS-1**

Lab Sample ID:	280-15244-1			Date Sampled: 04/29/2011 1100
Client Matrix:	Solid	% Moisture:	6.4	Date Received: 04/29/2011 1356

8015B Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B	Analysis Batch:	280-66554	Instrument ID:	GCS_U
Prep Method:	3546	Prep Batch:	280-65084	Initial Weight/Volume:	30.8 g
Dilution:	10			Final Weight/Volume:	10000 uL
Analysis Date:	05/10/2011 1022			Injection Volume:	1 uL
Prep Date:	05/02/2011 1055			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		22000		420

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D	49 - 115

Client: Colorado Oil&Gas Conservation Commision

General Chemistry

Client Sample ID: **CORAL SS-1**

Lab Sample ID:	280-15244-1	Date Sampled: 04/29/2011 1100
Client Matrix:	Solid	Date Received: 04/29/2011 1356

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	6.4		%	0.10	1.0	Moisture

Analysis Batch: 280-65286   Analysis Date: 05/03/2011 0903   DryWt Corrected: N

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-15244-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-15244-1	CORAL SS-1	109	94	308X	2162E X
MB 280-65798/1-A		96	80	107	101
LCS 280-65798/2-A		93	82	117	97
280-15179-D-4-D MS		101	90	126	106
280-15179-D-4-E MSD		98	89	111	98

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	58-140
TOL = Toluene-d8 (Surr)	80-126
BFB = 4-Bromofluorobenzene (Surr)	76-127

TestAmerica Denver

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-15244-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
280-15244-1	CORAL SS-1	0X
MB 280-65409/3-A		78
LCS 280-65409/1-A		96
LCSD 280-65409/2-A		88

Surrogate	Acceptance Limits
TFT = a,a,a-Trifluorotoluene	77-123

TestAmerica Denver

Client: Colorado Oil&Gas Conservation Commision

Surrogate Recovery Report

8015B Diesel Range Organics (DRO) (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH1 %Rec
280-15244-1	CORAL SS-1	0
280-15244-1	CORAL SS-1	0D
MB 280-65084/1-A		95
MB 280-65084/1-A		89
LCS 280-65084/2-A		91
LCS 280-65084/2-A		89
280-15280-C-1-B MS		87
280-15280-C-1-B MS		87
280-15179-B-1-B MS		0D
280-15179-B-1-B MS		0D
280-15280-C-1-C MSD		84
280-15280-C-1-C MSD		85
280-15179-B-1-C MSD		0D
280-15179-B-1-C MSD		0D

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	49-115

TestAmerica Denver

Client: Colorado Oil&Gas Conservation Commision   Job Number: 280-15244-1

Method Blank - Batch: 280-65798   **Method: 8260B**
Preparation: 5030B

Lab Sample ID:	MB 280-65798/1-A	Analysis Batch:	280-66258	Instrument ID:	MSV_J
Client Matrix:	Solid	Prep Batch:	280-65798	Lab File ID:	J6364.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.36 g
Analysis Date:	05/05/2011 1244	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	05/05/2011 0600				
Leach Date:	N/A				

Analyte	Result	Qual	RL
Benzene	ND		4.7
Ethylbenzene	ND		4.7
Toluene	ND		4.7
m-Xylene & p-Xylene	ND		2.3
o-Xylene	ND		2.3
Xylenes, Total	ND		4.7
Naphthalene	ND		4.7

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80	58 - 140
Toluene-d8 (Surr)	107	80 - 126
4-Bromofluorobenzene (Surr)	101	76 - 127
Dibromofluoromethane (Surr)	96	75 - 121

Lab Control Sample - Batch: 280-65798   **Method: 8260B**
Preparation: 5030B

Lab Sample ID:	LCS 280-65798/2-A	Analysis Batch:	280-66258	Instrument ID:	MSV_J
Client Matrix:	Solid	Prep Batch:	280-65798	Lab File ID:	J6362.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	05/05/2011 1104	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	05/05/2011 0600				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	50.0	54.0	108	76 - 120	
Ethylbenzene	50.0	58.6	117	78 - 120	
Toluene	50.0	54.2	108	72 - 120	
m-Xylene & p-Xylene	100	119	119	77 - 120	
o-Xylene	50.0	56.9	114	77 - 120	
Xylenes, Total	150	176	117	77 - 120	
Naphthalene	50.0	45.7	91	65 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	58 - 140
Toluene-d8 (Surr)	117	80 - 126
4-Bromofluorobenzene (Surr)	97	76 - 127
Dibromofluoromethane (Surr)	93	75 - 121

Client: Colorado Oil&Gas Conservation Commision   Job Number: 280-15244-1

Matrix Spike/   **Method: 8260B**
Matrix Spike Duplicate Recovery Report - Batch: 280-65798   **Preparation: 5030B**

MS Lab Sample ID:	280-15179-D-4-D MS	Analysis Batch:	280-66258	Instrument ID:	MSV_J
Client Matrix:	Solid	Prep Batch:	280-65798	Lab File ID:	J6368.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.485 g
Analysis Date:	05/05/2011 1417			Final Weight/Volume:	5 mL
Prep Date:	05/05/2011 1225				
Leach Date:	N/A				

MSD Lab Sample ID:	280-15179-D-4-E MSD	Analysis Batch:	280-66258	Instrument ID:	MSV_J
Client Matrix:	Solid	Prep Batch:	280-65798	Lab File ID:	J6369.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.479 g
Analysis Date:	05/05/2011 1440			Final Weight/Volume:	5 mL
Prep Date:	05/05/2011 1225				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	84	64	76 - 120	27	20		F
Ethylbenzene	93	64	78 - 120	37	20		F
Toluene	86	64	72 - 120	29	20		F
m-Xylene & p-Xylene	92	64	77 - 120	35	20		F
o-Xylene	91	62	77 - 120	37	20		F
Xylenes, Total	92	64	77 - 120	36	20		F
Naphthalene	73	52	65 - 120	35	38		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	89	58 - 140
Toluene-d8 (Surr)	126	111	80 - 126
4-Bromofluorobenzene (Surr)	106	98	76 - 127
Dibromofluoromethane (Surr)	101	98	75 - 121

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-15244-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-65798

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-15179-D-4-D MS	Units:	ug/Kg		MSD Lab Sample ID:	280-15179-D-4-E MSD
Client Matrix:	Solid				Client Matrix:	Solid
Dilution:	1.0				Dilution:	1.0
Analysis Date:	05/05/2011 1417				Analysis Date:	05/05/2011 1440
Prep Date:	05/05/2011 1225				Prep Date:	05/05/2011 1225
Leach Date:	N/A				Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Benzene	ND	55.4	55.5	46.7	35.5	F
Ethylbenzene	ND	55.4	55.5	51.5	35.6	F
Toluene	ND	55.4	55.5	47.6	35.7	F
m-Xylene & p-Xylene	ND	111	111	102	71.4	F
o-Xylene	ND	55.4	55.5	50.4	34.6	F
Xylenes, Total	ND	166	166	152	106	F
Naphthalene	ND	55.4	55.5	40.7	28.7	F

Client: Colorado Oil&Gas Conservation Commision   Job Number: 280-15244-1

Method Blank - Batch: 280-65409   **Method: 8015B**
                                                                  Preparation: 5030B

Lab Sample ID:	MB 280-65409/3-A	Analysis Batch:	280-66301	Instrument ID:	GCV_L
Client Matrix:	Solid	Prep Batch:	280-65409	Lab File ID:	108F0501.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.04 g
Analysis Date:	05/04/2011 1522	Units:	mg/Kg	Final Weight/Volume:	500 mL
Prep Date:	05/03/2011 1528			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	RL
Gasoline Range Organics (GRO)-C6-C10	ND		1.2

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	78	77 - 123

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-65409   **Method: 8015B**
                                                                            Preparation: 5030B

LCS Lab Sample ID:	LCS 280-65409/1-A	Analysis Batch:	280-66301	Instrument ID:	GCV_L
Client Matrix:	Solid	Prep Batch:	280-65409	Lab File ID:	106F0301.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.12 g
Analysis Date:	05/04/2011 1408	Units:	mg/Kg	Final Weight/Volume:	500 mL
Prep Date:	05/03/2011 1528			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 280-65409/2-A	Analysis Batch:	280-66301	Instrument ID:	GCV_L
Client Matrix:	Solid	Prep Batch:	280-65409	Lab File ID:	107F0401.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.14 g
Analysis Date:	05/04/2011 1445	Units:	mg/Kg	Final Weight/Volume:	500 mL
Prep Date:	05/03/2011 1528			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Gasoline Range Organics (GRO)-C6-C10	112	103	85 - 153	9	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
a,a,a-Trifluorotoluene	96	88	77 - 123

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-15244-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-65409

Method: 8015B
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-65409/1-A	Units: mg/Kg	LCSD Lab Sample ID:	LCSD 280-65409/2-A
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	1.0		Dilution:	1.0
Analysis Date:	05/04/2011 1408		Analysis Date:	05/04/2011 1445
Prep Date:	05/03/2011 1528		Prep Date:	05/03/2011 1528
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Gasoline Range Organics (GRO)-C6-C10	5.43	5.42	6.09	5.59

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-15244-1

Method Blank - Batch: 280-65084

Method: 8015B
Preparation: 3546

Lab Sample ID:	MB 280-65084/1-A	Analysis Batch:	280-66516	Instrument ID:	GCS_U
Client Matrix:	Solid	Prep Batch:	280-65084	Lab File ID:	017B1701.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.1 g
Analysis Date:	05/05/2011 1910	Units:	mg/Kg	Final Weight/Volume:	1000 uL
Prep Date:	05/02/2011 1055			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		4.0

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	95	49 - 115

Method Blank - Batch: 280-65084

Method: 8015B
Preparation: 3546

Lab Sample ID:	MB 280-65084/1-A	Analysis Batch:	280-66521	Instrument ID:	GCS_U
Client Matrix:	Solid	Prep Batch:	280-65084	Lab File ID:	015B1501.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.1 g
Analysis Date:	05/09/2011 1712	Units:	mg/Kg	Final Weight/Volume:	1000 uL
Prep Date:	05/02/2011 1055			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	RL
Motor Oil Range Organics [C24-C36]	ND		12

Lab Control Sample - Batch: 280-65084

Method: 8015B
Preparation: 3546

Lab Sample ID:	LCS 280-65084/2-A	Analysis Batch:	280-66516	Instrument ID:	GCS_U
Client Matrix:	Solid	Prep Batch:	280-65084	Lab File ID:	018B1801.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.8 g
Analysis Date:	05/05/2011 1938	Units:	mg/Kg	Final Weight/Volume:	1000 uL
Prep Date:	05/02/2011 1055			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10-C28]	64.9	64.9	100	53 - 115	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	91	49 - 115

Client: Colorado Oil&Gas Conservation Commision   Job Number: 280-15244-1

Matrix Spike/   **Method: 8015B**
Matrix Spike Duplicate Recovery Report - Batch: 280-65084   **Preparation: 3546**

MS Lab Sample ID: 280-15280-C-1-B MS	Analysis Batch: 280-66516	Instrument ID: GCS_U
Client Matrix: Solid	Prep Batch: 280-65084	Lab File ID: 020B2001.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 30.0 g
Analysis Date: 05/05/2011 2033		Final Weight/Volume: 1000 uL
Prep Date: 05/02/2011 1055		Injection Volume: 1 uL
Leach Date: N/A		Column ID: PRIMARY

MSD Lab Sample ID: 280-15280-C-1-C MSD	Analysis Batch: 280-66516	Instrument ID: GCS_U
Client Matrix: Solid	Prep Batch: 280-65084	Lab File ID: 021B2101.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 30.6 g
Analysis Date: 05/05/2011 2101		Final Weight/Volume: 1000 uL
Prep Date: 05/02/2011 1055		Injection Volume: 1 uL
Leach Date: N/A		Column ID: PRIMARY

Analyte	MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel Range Organics [C10-C28]	92	85	56 - 115	9	23		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	87	84	49 - 115

Matrix Spike/   **Method: 8015B**
Matrix Spike Duplicate Recovery Report - Batch: 280-65084   **Preparation: 3546**

MS Lab Sample ID: 280-15179-B-1-B MS	Analysis Batch: 280-66516	Instrument ID: GCS_U
Client Matrix: Solid	Prep Batch: 280-65084	Lab File ID: 023B2301.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 31.7 g
Analysis Date: 05/05/2011 2156		Final Weight/Volume: 1000 uL
Prep Date: 05/02/2011 1055		Injection Volume: 1 uL
Leach Date: N/A		Column ID: PRIMARY

MSD Lab Sample ID: 280-15179-B-1-C MSD	Analysis Batch: 280-66516	Instrument ID: GCS_U
Client Matrix: Solid	Prep Batch: 280-65084	Lab File ID: 024B2401.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 30.0 g
Analysis Date: 05/05/2011 2224		Final Weight/Volume: 1000 uL
Prep Date: 05/02/2011 1055		Injection Volume: 1 uL
Leach Date: N/A		Column ID: PRIMARY

Analyte	MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel Range Organics [C10-C28]	-1332	542	56 - 115	69	23	4 D	4 D

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
o-Terphenyl	0	D	0	D	49 - 115

Client: Colorado Oil&Gas Conservation Commision   Job Number: 280-15244-1

Matrix Spike/   **Method: 8015B**
Matrix Spike Duplicate Recovery Report - Batch: 280-65084   **Preparation: 3546**

MS Lab Sample ID:	280-15280-C-1-B MS	Units: mg/Kg	MSD Lab Sample ID:	280-15280-C-1-C MSD
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	1.0		Dilution:	1.0
Analysis Date:	05/05/2011 2033		Analysis Date:	05/05/2011 2101
Prep Date:	05/02/2011 1055		Prep Date:	05/02/2011 1055
Leach Date:	N/A		Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Diesel Range Organics [C10-C28]	ND	71.2	69.8	68.2	62.2

Matrix Spike/   **Method: 8015B**
Matrix Spike Duplicate Recovery Report - Batch: 280-65084   **Preparation: 3546**

MS Lab Sample ID:	280-15179-B-1-B MS	Units: mg/Kg	MSD Lab Sample ID:	280-15179-B-1-C MSD
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	10		Dilution:	10
Analysis Date:	05/05/2011 2156		Analysis Date:	05/05/2011 2224
Prep Date:	05/02/2011 1055		Prep Date:	05/02/2011 1055
Leach Date:	N/A		Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Diesel Range Organics [C10-C28]	2400	77.6	82.0	1410	4 D	2890	4 D

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-15244-1

Duplicate - Batch: 280-65286

Method: Moisture
Preparation: N/A

Lab Sample ID:	280-15244-1	Analysis Batch:	280-65286	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	05/03/2011 0903	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	6.4	5.9	9	20	

DATA REPORTING QUALIFIERS

Client: Colorado Oil&Gas Conservation Commision

Lab Section	Qualifier	Description
GC/MS VOA		
	F	MS or MSD exceeds the control limits
	E	Result exceeded calibration range.
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate is outside control limits
GC VOA		
	X	Surrogate is outside control limits
GC Semi VOA		
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.

TestAmerica Denver

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 280-65798					
LCS 280-65798/2-A	Lab Control Sample	T	Solid	5030B	
MB 280-65798/1-A	Method Blank	T	Solid	5030B	
280-15179-D-4-D MS	Matrix Spike	T	Solid	5030B	
280-15179-D-4-E MSD	Matrix Spike Duplicate	T	Solid	5030B	
280-15244-1	CORAL SS-1	T	Solid	5030B	
Analysis Batch:280-66258					
LCS 280-65798/2-A	Lab Control Sample	T	Solid	8260B	280-65798
MB 280-65798/1-A	Method Blank	T	Solid	8260B	280-65798
280-15179-D-4-D MS	Matrix Spike	T	Solid	8260B	280-65798
280-15179-D-4-E MSD	Matrix Spike Duplicate	T	Solid	8260B	280-65798
280-15244-1	CORAL SS-1	T	Solid	8260B	280-65798

Report Basis

T = Total

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Prep Batch: 280-65409					
LCS 280-65409/1-A	Lab Control Sample	T	Solid	5030B	
LCSD 280-65409/2-A	Lab Control Sample Duplicate	T	Solid	5030B	
MB 280-65409/3-A	Method Blank	T	Solid	5030B	
280-15244-1	CORAL SS-1	T	Solid	5030B	
Analysis Batch:280-66301					
LCS 280-65409/1-A	Lab Control Sample	T	Solid	8015B	280-65409
LCSD 280-65409/2-A	Lab Control Sample Duplicate	T	Solid	8015B	280-65409
MB 280-65409/3-A	Method Blank	T	Solid	8015B	280-65409
280-15244-1	CORAL SS-1	T	Solid	8015B	280-65409

Report Basis

T = Total

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-15244-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 280-65084					
LCS 280-65084/2-A	Lab Control Sample	T	Solid	3546	
MB 280-65084/1-A	Method Blank	T	Solid	3546	
280-15179-B-1-B MS	Matrix Spike	T	Solid	3546	
280-15179-B-1-C MSD	Matrix Spike Duplicate	T	Solid	3546	
280-15244-1	CORAL SS-1	T	Solid	3546	
280-15280-C-1-B MS	Matrix Spike	T	Solid	3546	
280-15280-C-1-C MSD	Matrix Spike Duplicate	T	Solid	3546	
Analysis Batch:280-66516					
LCS 280-65084/2-A	Lab Control Sample	T	Solid	8015B	280-65084
MB 280-65084/1-A	Method Blank	T	Solid	8015B	280-65084
280-15179-B-1-B MS	Matrix Spike	T	Solid	8015B	280-65084
280-15179-B-1-C MSD	Matrix Spike Duplicate	T	Solid	8015B	280-65084
280-15280-C-1-B MS	Matrix Spike	T	Solid	8015B	280-65084
280-15280-C-1-C MSD	Matrix Spike Duplicate	T	Solid	8015B	280-65084
Analysis Batch:280-66521					
LCS 280-65084/2-A	Lab Control Sample	T	Solid	8015B	280-65084
MB 280-65084/1-A	Method Blank	T	Solid	8015B	280-65084
280-15179-B-1-B MS	Matrix Spike	T	Solid	8015B	280-65084
280-15179-B-1-C MSD	Matrix Spike Duplicate	T	Solid	8015B	280-65084
280-15244-1	CORAL SS-1	T	Solid	8015B	280-65084
280-15280-C-1-B MS	Matrix Spike	T	Solid	8015B	280-65084
280-15280-C-1-C MSD	Matrix Spike Duplicate	T	Solid	8015B	280-65084
Analysis Batch:280-66554					
280-15244-1	CORAL SS-1	T	Solid	8015B	280-65084

Report Basis

T = Total

General Chemistry

Analysis Batch:280-65286					
280-15244-1	CORAL SS-1	T	Solid	Moisture	
280-15244-1DU	Duplicate	T	Solid	Moisture	

Report Basis

T = Total

TestAmerica Denver

Client: Colorado Oil&Gas Conservation Commision   Job Number: 280-15244-1

Laboratory Chronicle

Lab ID: 280-15244-1   **Client ID: CORAL SS-1**

Sample Date/Time: 04/29/2011 11:00   Received Date/Time: 04/29/2011 13:56

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-15244-B-1-A		280-66258	280-65798	05/05/2011 12:25	1	TAL DEN	JR
A:8260B	280-15244-B-1-A		280-66258	280-65798	05/05/2011 13:07	1	TAL DEN	JR
P:5030B	280-15244-A-1-B		280-66301	280-65409	05/03/2011 15:28	10	TAL DEN	TEM
A:8015B	280-15244-A-1-B		280-66301	280-65409	05/04/2011 21:18	10	TAL DEN	MPS
P:3546	280-15244-A-1-A		280-66521	280-65084	05/02/2011 10:55	10	TAL DEN	EEG
A:8015B	280-15244-A-1-A		280-66521	280-65084	05/09/2011 20:56	10	TAL DEN	MRB
P:3546	280-15244-A-1-A		280-66554	280-65084	05/02/2011 10:55	10	TAL DEN	EEG
A:8015B	280-15244-A-1-A		280-66554	280-65084	05/10/2011 10:22	10	TAL DEN	MRB
A:Moisture	280-15244-B-1		280-65286		05/03/2011 09:03	1	TAL DEN	PBB

Lab ID: 280-15244-1 DU   **Client ID: CORAL SS-1**

Sample Date/Time: 04/29/2011 11:00   Received Date/Time: 04/29/2011 13:56

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	280-15244-B-1 DU		280-65286		05/03/2011 09:03	1	TAL DEN	PBB

Lab ID: MB   **Client ID: N/A**

Sample Date/Time: N/A   Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 280-65798/1-A		280-66258	280-65798	05/05/2011 06:00	1	TAL DEN	JR
A:8260B	MB 280-65798/1-A		280-66258	280-65798	05/05/2011 12:44	1	TAL DEN	JR
P:5030B	MB 280-65409/3-A		280-66301	280-65409	05/03/2011 15:28	1	TAL DEN	TEM
A:8015B	MB 280-65409/3-A		280-66301	280-65409	05/04/2011 15:22	1	TAL DEN	MPS
P:3546	MB 280-65084/1-A		280-66516	280-65084	05/02/2011 10:55	1	TAL DEN	EEG
A:8015B	MB 280-65084/1-A		280-66516	280-65084	05/05/2011 19:10	1	TAL DEN	MRB
P:3546	MB 280-65084/1-A		280-66521	280-65084	05/02/2011 10:55	1	TAL DEN	EEG
A:8015B	MB 280-65084/1-A		280-66521	280-65084	05/09/2011 17:12	1	TAL DEN	MRB

Lab ID: LCS   **Client ID: N/A**

Sample Date/Time: N/A   Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 280-65798/2-A		280-66258	280-65798	05/05/2011 06:00	1	TAL DEN	JR
A:8260B	LCS 280-65798/2-A		280-66258	280-65798	05/05/2011 11:04	1	TAL DEN	JR
P:5030B	LCS 280-65409/1-A		280-66301	280-65409	05/03/2011 15:28	1	TAL DEN	TEM
A:8015B	LCS 280-65409/1-A		280-66301	280-65409	05/04/2011 14:08	1	TAL DEN	MPS
P:3546	LCS 280-65084/2-A		280-66516	280-65084	05/02/2011 10:55	1	TAL DEN	EEG
A:8015B	LCS 280-65084/2-A		280-66516	280-65084	05/05/2011 19:38	1	TAL DEN	MRB
P:3546	LCS 280-65084/2-A		280-66521	280-65084	05/02/2011 10:55	1	TAL DEN	EEG
A:8015B	LCS 280-65084/2-A		280-66521	280-65084	05/09/2011 17:40	1	TAL DEN	MRB

TestAmerica Denver   A = Analytical Method   P = Prep Method

Client: Colorado Oil&Gas Conservation Commision   Job Number: 280-15244-1

Laboratory Chronicle

Lab ID: LCSD   **Client ID: N/A**

Sample Date/Time: N/A   Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCSD 280-65409/2-A		280-66301	280-65409	05/03/2011 15:28	1	TAL DEN	TEM
A:8015B	LCSD 280-65409/2-A		280-66301	280-65409	05/04/2011 14:45	1	TAL DEN	MPS

Lab ID: MS   **Client ID: N/A**

Sample Date/Time: 04/26/2011 00:00   Received Date/Time: 04/28/2011 09:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-15179-D-4-D MS		280-66258	280-65798	05/05/2011 12:25	1	TAL DEN	JR
A:8260B	280-15179-D-4-D MS		280-66258	280-65798	05/05/2011 14:17	1	TAL DEN	JR
P:3546	280-15280-C-1-B MS		280-66516	280-65084	05/02/2011 10:55	1	TAL DEN	EEG
A:8015B	280-15280-C-1-B MS		280-66516	280-65084	05/05/2011 20:33	1	TAL DEN	MRB
P:3546	280-15179-B-1-B MS		280-66516	280-65084	05/02/2011 10:55	10	TAL DEN	EEG
A:8015B	280-15179-B-1-B MS		280-66516	280-65084	05/05/2011 21:56	10	TAL DEN	MRB
P:3546	280-15280-C-1-B MS		280-66521	280-65084	05/02/2011 10:55	1	TAL DEN	EEG
A:8015B	280-15280-C-1-B MS		280-66521	280-65084	05/09/2011 18:36	1	TAL DEN	MRB
P:3546	280-15179-B-1-B MS		280-66521	280-65084	05/02/2011 10:55	1	TAL DEN	EEG
A:8015B	280-15179-B-1-B MS		280-66521	280-65084	05/09/2011 20:00	1	TAL DEN	MRB

Lab ID: MSD   **Client ID: N/A**

Sample Date/Time: 04/26/2011 00:00   Received Date/Time: 04/28/2011 09:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-15179-D-4-E MSD		280-66258	280-65798	05/05/2011 12:25	1	TAL DEN	JR
A:8260B	280-15179-D-4-E MSD		280-66258	280-65798	05/05/2011 14:40	1	TAL DEN	JR
P:3546	280-15280-C-1-C MSD		280-66516	280-65084	05/02/2011 10:55	1	TAL DEN	EEG
A:8015B	280-15280-C-1-C MSD		280-66516	280-65084	05/05/2011 21:01	1	TAL DEN	MRB
P:3546	280-15179-B-1-C MSD		280-66516	280-65084	05/02/2011 10:55	10	TAL DEN	EEG
A:8015B	280-15179-B-1-C MSD		280-66516	280-65084	05/05/2011 22:24	10	TAL DEN	MRB
P:3546	280-15280-C-1-C MSD		280-66521	280-65084	05/02/2011 10:55	1	TAL DEN	EEG
A:8015B	280-15280-C-1-C MSD		280-66521	280-65084	05/09/2011 19:04	1	TAL DEN	MRB
P:3546	280-15179-B-1-C MSD		280-66521	280-65084	05/02/2011 10:55	1	TAL DEN	EEG
A:8015B	280-15179-B-1-C MSD		280-66521	280-65084	05/09/2011 20:28	1	TAL DEN	MRB

Lab References:
TAL DEN = TestAmerica Denver

TestAmerica Denver   A = Analytical Method   P = Prep Method

Certification Summary

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Denver		USDA		P330-08-00036
TestAmerica Denver	A2LA	DoD ELAP	0	2907.01
TestAmerica Denver	A2LA	ISO/IEC 17025	0	2907.01
TestAmerica Denver	Alabama	State Program	4	
TestAmerica Denver	Alaska	Alaska UST	10	UST-30
TestAmerica Denver	Arizona	State Program	9	AZ0713
TestAmerica Denver	Arkansas	State Program	6	88-0687
TestAmerica Denver	California	State Program	9	2513
TestAmerica Denver	Colorado	State Program	8	N/A
TestAmerica Denver	Connecticut	State Program	1	PH-0686
TestAmerica Denver	Florida	NELAC	4	E87667
TestAmerica Denver	Georgia	State Program	4	N/A
TestAmerica Denver	Idaho	State Program	10	CO00026
TestAmerica Denver	Illinois	NELAC	5	200017
TestAmerica Denver	Iowa	State Program	7	370
TestAmerica Denver	Louisiana	NELAC	6	30785
TestAmerica Denver	Maine	State Program	1	CO0002
TestAmerica Denver	Maryland	State Program	3	268
TestAmerica Denver	Minnesota	NELAC	5	8-999-405
TestAmerica Denver	Nevada	State Program	9	CO0026
TestAmerica Denver	New Hampshire	NELAC	1	205310
TestAmerica Denver	New Jersey	NELAC	2	CO004
TestAmerica Denver	New Mexico	State Program	6	N/A
TestAmerica Denver	New York	NELAC	2	11964
TestAmerica Denver	North Carolina	North Carolina DENR	4	358
TestAmerica Denver	North Dakota	State Program	8	R-034
TestAmerica Denver	Oklahoma	State Program	6	8614
TestAmerica Denver	Oregon	NELAC	10	CO200001
TestAmerica Denver	Pennsylvania	NELAC	3	68-00664
TestAmerica Denver	South Carolina	State Program	4	72002
TestAmerica Denver	Tennessee	State Program	4	TN02944
TestAmerica Denver	Texas	NELAC	6	T104704183-08-TX
TestAmerica Denver	Utah	NELAC	8	QUAN5
TestAmerica Denver	Washington	State Program	10	C1284
TestAmerica Denver	West Virginia	West Virginia DEP	3	354
TestAmerica Denver	Wisconsin	State Program	5	999615430

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260B

Volatile Organic Compounds (GC/MS)
by Method 8260B

```
                           FORM I
              GC/MS VOA ORGANICS ANALYSIS DATA SHEET


Lab Name:  TestAmerica Denver              Job No.:  280-15244-1
SDG No.:
Client Sample ID:  CORAL SS-1              Lab Sample ID:  280-15244-1
Matrix:  Solid                            Lab File ID:  J6365.D
Analysis Method:  8260B                    Date Collected:  04/29/2011  11:00
Sample wt/vol:  5.292(g)                   Date Analyzed:  05/05/2011  13:07
Soil Aliquot Vol:                          Dilution Factor:  1
Soil Extract Vol.:                         GC Column:  DB-624 (75.53)   ID:  0.53(mm)
% Moisture:  6.4                           Level: (low/med)  Low
Analysis Batch No.:  66258                 Units:  ug/Kg
```

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	ND		5.0	0.47
100-41-4	Ethylbenzene	ND		5.0	0.68
108-88-3	Toluene	ND		5.0	0.70
179601-23-1	m-Xylene & p-Xylene	54		2.5	1.0
95-47-6	o-Xylene	160		2.5	0.62
1330-20-7	Xylenes, Total	210		5.0	0.62
91-20-3	Naphthalene	11		5.0	0.64

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		58-140
2037-26-5	Toluene-d8 (Surr)	308	X	80-126
460-00-4	4-Bromofluorobenzene (Surr)	2162	E X	76-127
1868-53-7	Dibromofluoromethane (Surr)	109		75-121

FORM I 8260B

                                  TestAmerica

                          VOLATILE REPORT SW-846
Data file : \\DenSvr03\Public\chem\MSV\J.i\050511A.B\J6365.D
Lab Smp Id: 280-15244-B-1-A   Client Smp ID: CORAL SS-1
Inj Date : 05-MAY-2011 13:07
Operator : REINHARDT   Inst ID: J.i
Smp Info : 280-15244-b-1-a
Misc Info : 280-15244-B-1-A
Comment   :
Method   : \\DenSvr03\Public\chem\MSV\J.i\050511A.B\8260B-soil.m
Meth Date : 09-May-2011 22:06 reinhardtj Quant Type: ISTD
Cal Date : 04-MAY-2011 18:30   Cal File: J6349.D
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE   Compound Sublist: mbtexn.sub
Target Version: 4.14
Processing Host: DENPC368

Concentration Formula: Amt * DF * Vp/Ws * CpndVariable

        Name   Value   Description
  -------------- ---------- -----------------------
        DF   1.000 Dilution Factor
        Vp   5.000 Purge Volume (mL)
        Ws   5.292 Weight of sample (g)
Cpnd Variable   Local Compound Variable

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
========================		====	====	========	========	========	=======	=======
* 61 Fluorobenzene		96	6.731	6.732	(1.000)	1509169	50.0000	(Q)
* 87 Chlorobenzene-d5		119	9.916	9.917	(1.000)	207096	50.0000	
* 112 1,4-Dichlorobenzene-d4		152	12.979	12.980	(1.000)	170332	50.0000	(Q)
$ 51 Dibromofluoromethane (Surr)		111	6.035	6.035	(0.897)	759845	54.3211	51.3238
$ 57 1,2-Dichloroethane-d4		65	6.383	6.401	(0.948)	510913	46.7658	44.1854(Q)
$ 75 Toluene-d8		98	8.350	8.350	(0.842)	2102420	153.960	145.465(QR)
$ 98 4-Bromofluorobenzene (Surr)		95	11.361	11.466	(0.875)	5043450	1080.94	1021.29(AQR)
M 2 Xylene (total)		106				1425556	209.099	197.561
33 Methyl t-butyl ether		73		Compound Not Detected.				
58 Benzene		78		Compound Not Detected.				
76 Toluene		91		Compound Not Detected.				
90 Ethylbenzene		106		Compound Not Detected.				
91 m and p-Xylene		106	10.212	10.212	(1.030)	380484	53.2774	50.3377
92 o-Xylene		106	10.734	10.734	(1.082)	1045072	155.822	147.224
121 Naphthalene		128	15.573	15.573	(1.200)	61692	11.0232	10.4149

QC Flag Legend

A - Target compound detected but, quantitated amount
    exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
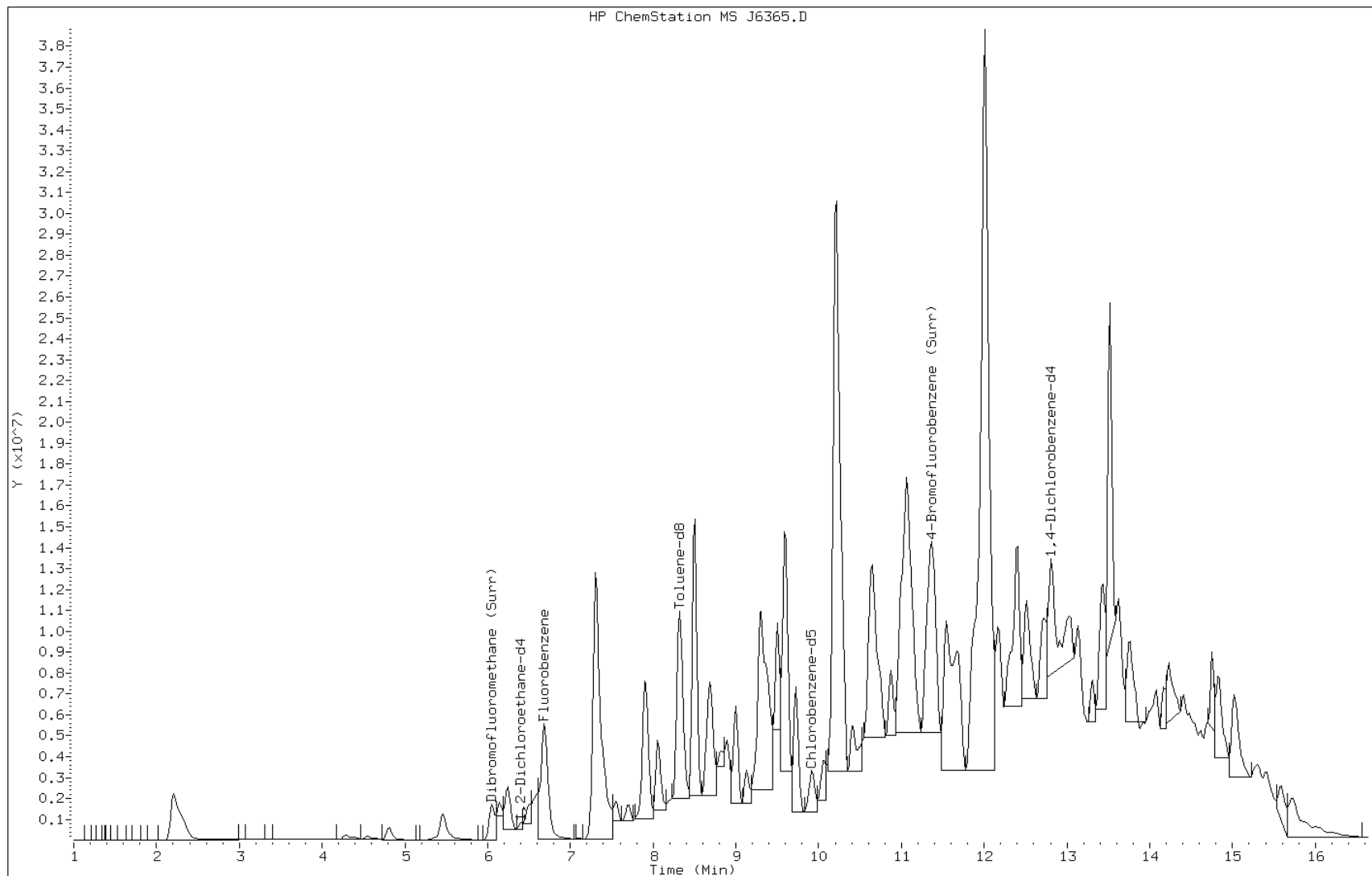
Data File: J6365.D

Date: 05-MAY-2011 13:07

Client ID: CORAL SS-1

Instrument: J.i

Sample Info: 280-15244-b-1-a

Operator: REINHARDT

HP ChemStation MS J6365.D

05/13/2011

Data File: J6365.D

Date: 05-MAY-2011 13:07
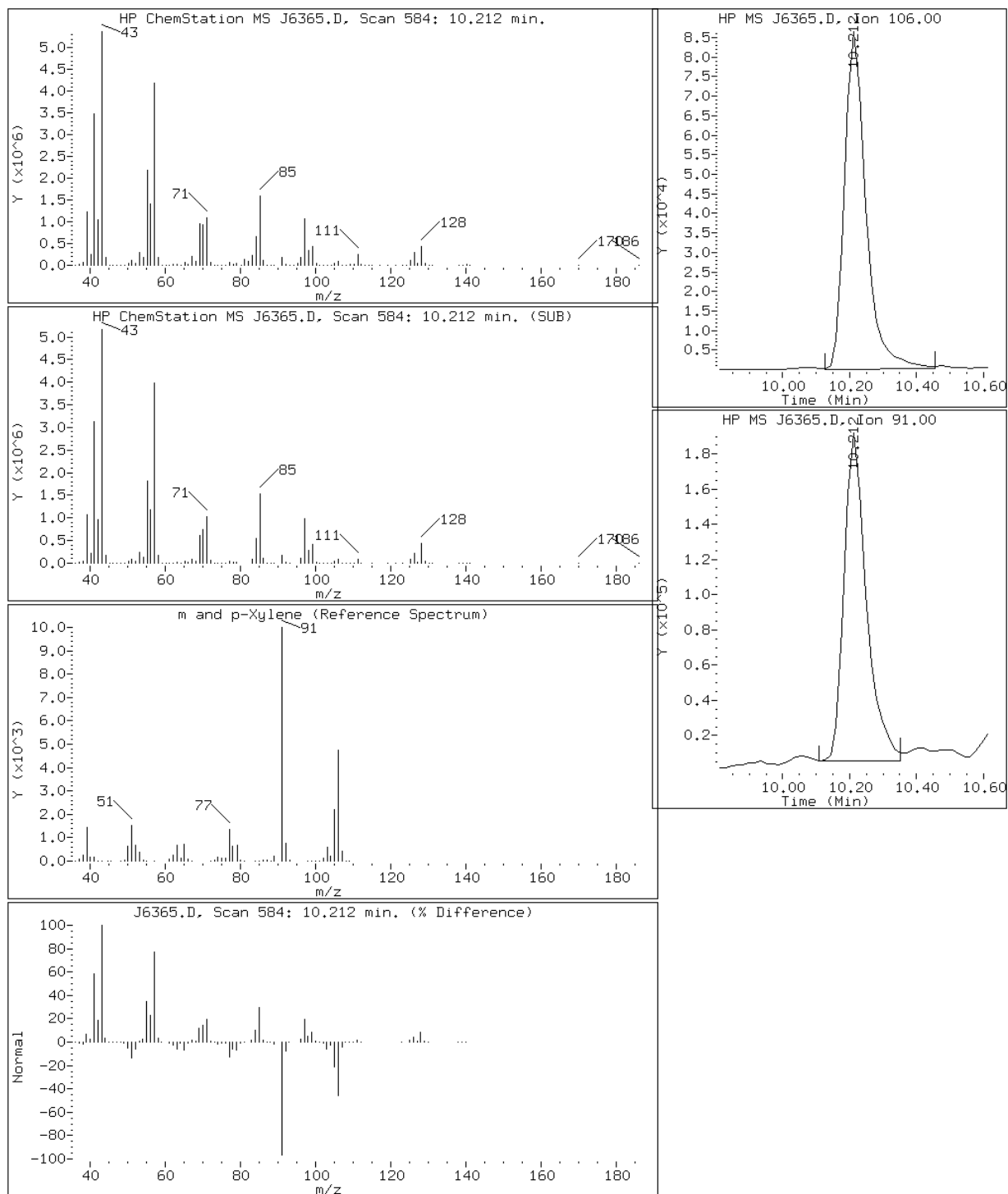
Client ID: CORAL SS-1   Instrument: J.i

Sample Info: 280-15244-b-1-a   Operator: REINHARDT

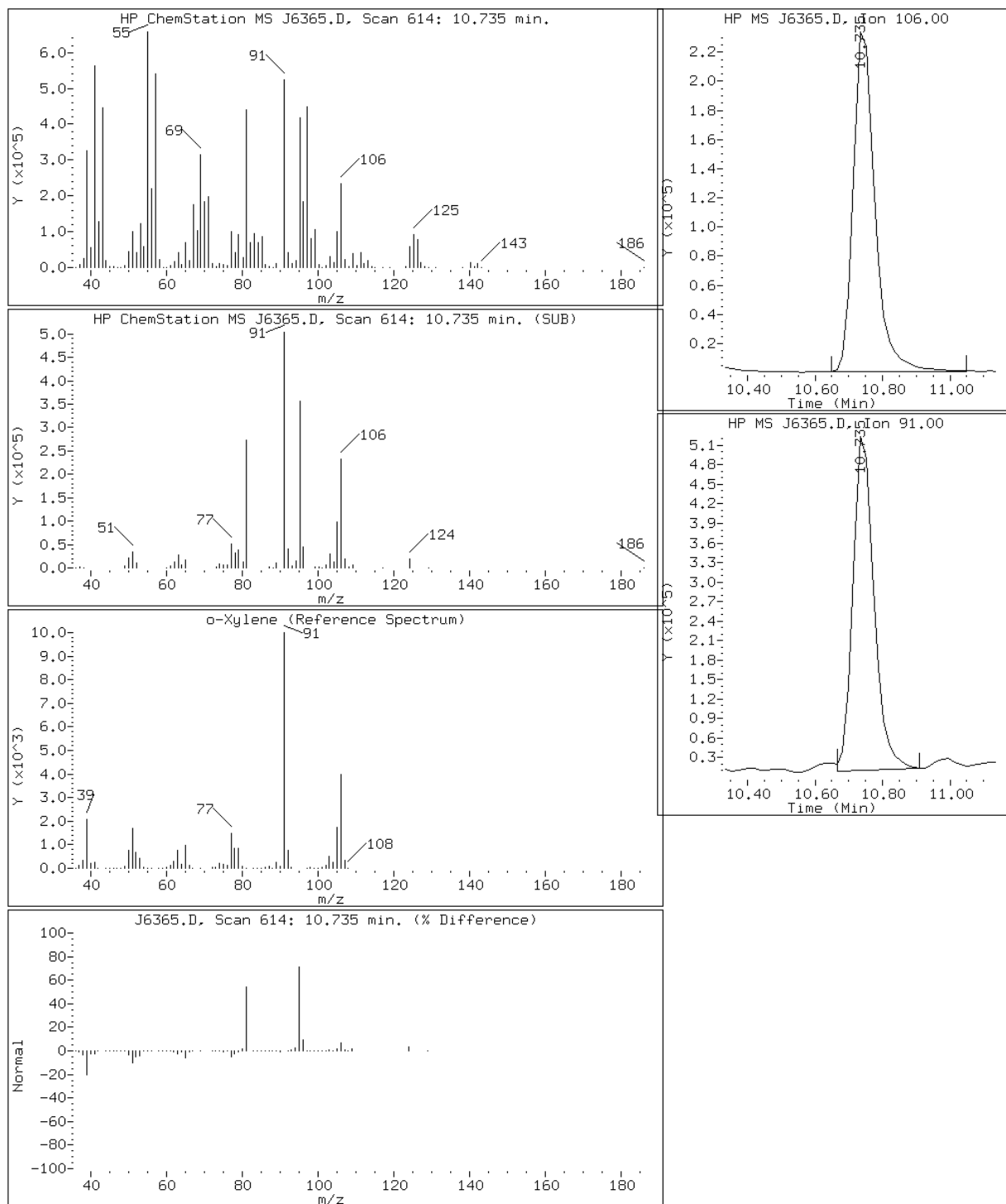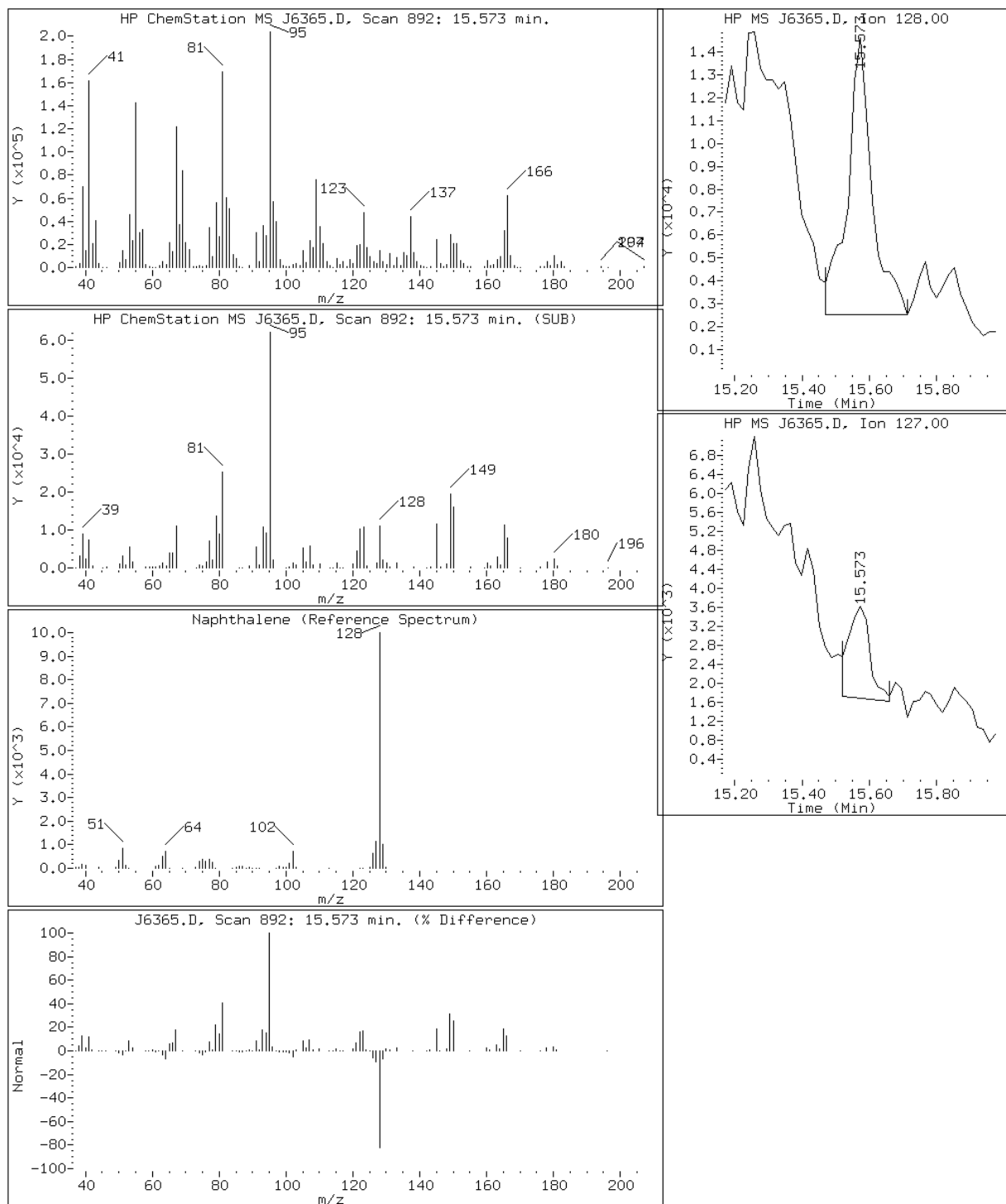91 m and p-Xylene

Data File: J6365.D

Date: 05-MAY-2011 13:07

Client ID: CORAL SS-1   Instrument: J.i

Sample Info: 280-15244-b-1-a   Operator: REINHARDT

92 o-Xylene

Data File: J6365.D

Date: 05-MAY-2011 13:07

Client ID: CORAL SS-1   Instrument: J.i

Sample Info: 280-15244-b-1-a   Operator: REINHARDT

121 Naphthalene

Method 8015B - GRO

Gasoline Range Organics (GC) by Method 8015B

```
                              FORM I
              GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET


Lab Name:  TestAmerica Denver              Job No.:  280-15244-1

SDG No.:

Client Sample ID:  CORAL SS-1              Lab Sample ID:  280-15244-1

Matrix:  Solid                            Lab File ID:  116F1301.D

Analysis Method:  8015B                   Date Collected:  04/29/2011  11:00

Sample wt/vol:  10.20(g)                  Date Analyzed:  05/04/2011  21:18

Soil Aliquot Vol:  1.0 (mL)               Dilution Factor:  10

Soil Extract Vol.:  500(mL)               GC Column:  RTX 502.2 (105)  ID: 0.53(mm)

% Moisture:  6.4                          Level: (low/med)  Medium

Analysis Batch No.:  66301                Units:  mg/Kg
```

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics (GRO)-C6-C10	260		13	3.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	0	X	77-123

FORM I 8015B

TestAmerica

VOLATILE REPORT SOW 3/90
Data file : \\DenSvr03\Public\chem\GCV\GC_L.i\0504111.B\116F1301.D
Lab Smp Id: 280-15244-A-1-B   Client Smp ID: CORAL SS-1
Inj Date : 04-MAY-2011 21:18
Operator : MPS   Inst ID: GC_L.i
Smp Info : 280-734326,244-1
Misc Info : 280-15244-A-1-B
Comment   :   REV. OLMO1.1.1
Method   : \\DenSvr03\Public\chem\GCV\GC_L.i\0504111.B\8015.m
Meth Date : 04-May-2011 20:37 target   Quant Type: ESTD
Cal Date : 11-APR-2011 20:10   Cal File: 122F1201.D
Als bottle: 116
Dil Factor: 10.00000
Integrator: Falcon   Compound Sublist: GRO.S.01.sub
Target Version: 4.14
Processing Host: DENPC290

Concentration Formula: Amt * DF * Uf * Vp/Va * Vf/Ws * CpndVariable

Name	Value	Description
DF	10.000	Dilution Factor
Uf	1000.000	ng unit correction factor (mg/g)
Ws	10.200	Weight of sample extracted (g)
Vp	5.000	final purge volume (ml)
Va	100.000	vlm methanol added to purge vlm (ul)
Vf	10.000	vlm methanol used for extraction (ml)
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/Kg)
==========================	=======	========	========	==========	=========	=========
$ 2 Trifluorotoluene		Compound Not Detected.				
S 3 GRO - C6 to C10	7.103-20.320			3175821	500.398	245293
4 1-Chloro-4-Fluorobenzene	16.720	16.763	-0.043	263838	31.9304	15652.1(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: 116F1301.D
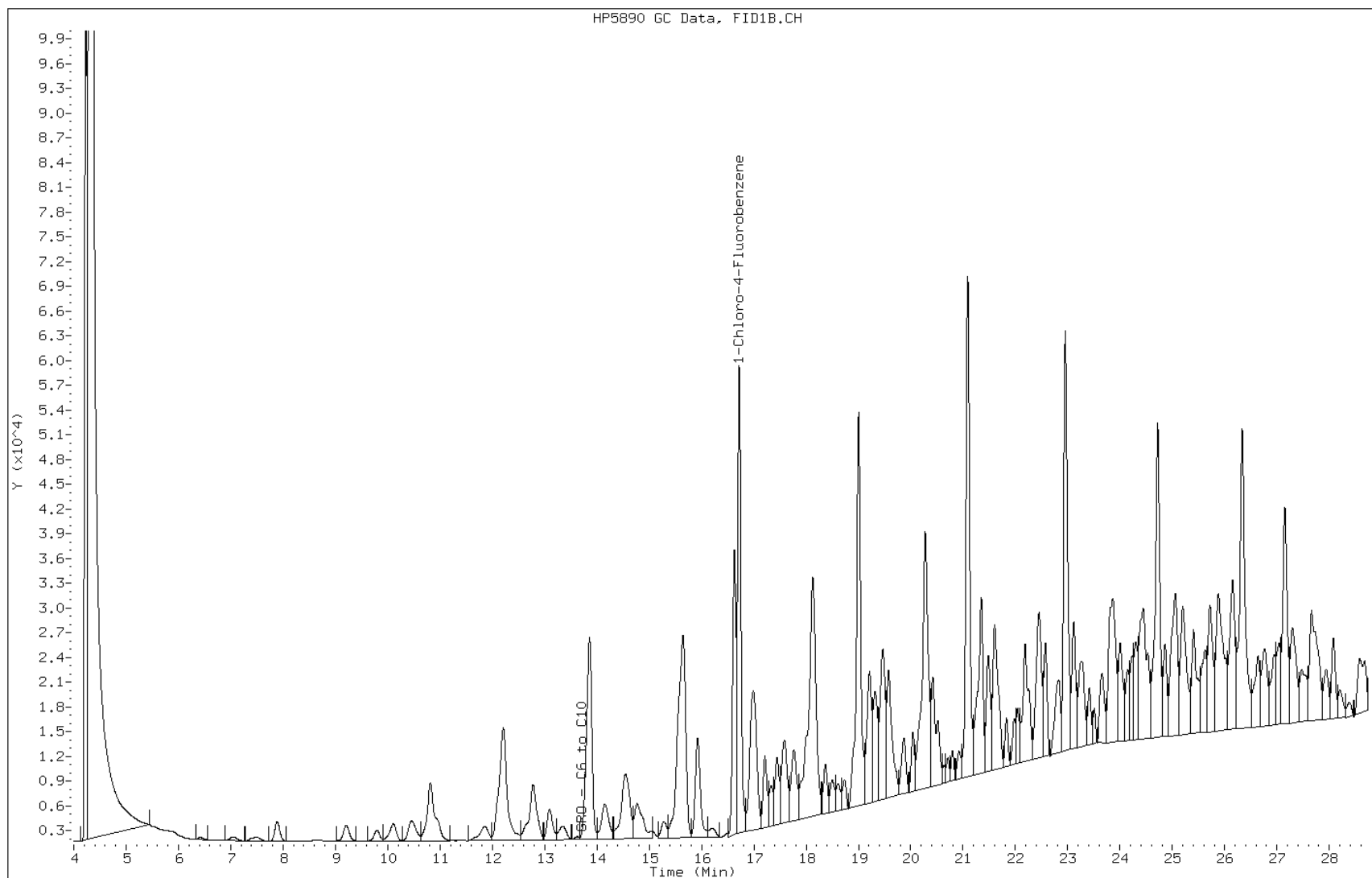
Date: 04-MAY-2011 21:18

Client ID: CORAL SS-1   Instrument: GC_L.i

Sample Info: 280-734326,244-1   Operator: MPS

Method 8015B - DRO

Diesel Range Organics (DRO) (GC) by Method 8015B

```
                              FORM I
              DIESEL RANGE ORGANICS ANALYSIS DATA SHEET


Lab Name:  TestAmerica Denver              Job No.:  280-15244-1

SDG No.:

Client Sample ID:  CORAL SS-1              Lab Sample ID:  280-15244-1

Matrix:  Solid                            Lab File ID:  023B2301.D

Analysis Method:  8015B                   Date Collected:  04/29/2011  11:00

Extraction Method:  3546                  Date Extracted:  05/02/2011  10:55

Sample wt/vol:  30.8(g)                   Date Analyzed:  05/09/2011  20:56

Con. Extract Vol.:  10000(uL)             Dilution Factor:  10

Injection Volume:  1(uL)                  GC Column:  RTX-1 (30.32)    ID:  0.25(mm)

% Moisture:  6.4                          GPC Cleanup:(Y/N)  N

Analysis Batch No.:  66521                Units:  mg/Kg
```

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00158	Motor Oil Range Organics [C24-C36]	15000		1200	410

FORM I 8015B

Data File: \\DenSvr03\Public\chem\GCS\GC_U.i\0509111.B\023B2301.D
Report Date: 10-May-2011 12:21

                                    TestAmerica

                                  SW846 8015 mod.
Data file : \\DenSvr03\Public\chem\GCS\GC_U.i\0509111.B\023B2301.D
Lab Smp Id: 280-15244-A-1-A   Client Smp ID: CORAL SS-1
Inj Date : 09-MAY-2011 20:56
Operator : MB   Inst ID: GC_U.i
Smp Info : 280-730684,44-1
Misc Info : 280-15244-A-1-A
Comment   : DEN-GC-0002
Method   : \\DenSvr03\Public\chem\GCS\GC_U.i\0509111.B\DR01.m
Meth Date : 10-May-2011 10:33 birdsellm Quant Type: ESTD
Cal Date : 30-MAR-2011 22:39   Cal File: 019B1901.D
Als bottle: 23
Dil Factor: 10.00000
Integrator: Falcon   Compound Sublist: C10-28(DRO).sub
Target Version: 4.14
Processing Host: DENPC248

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

      Name   Value   Description
-------------- ---------- ----------------------
     DF   10.000   Dilution Factor
     Vf   10000.000   Final Volume of Extract (uL)
     Ws   30.800   Weight of sample extracted (g)
Cpnd Variable   Local Compound Variable

                                              CONCENTRATIONS

                                           ON-COLUMN   FINAL
Compounds   RT   EXP RT DLT RT RESPONSE (ug/ml)   (ug/Kg)

======================== ==== ======== ======== ======== =======   =======
S   3 C10-C28   1.267-7.743   13787278 5851.85 19000000(M)
S   4 C10 - C36   1.267-9.140   19174331 8134.30 26410000(M)
S 173 C24-C36   6.920-9.140   8695271 4204.39 13650000(M)
$ 1 o-Terphenyl   Compound Not Detected.
$ 6 n-Octacosane   Compound Not Detected.

QC Flag Legend

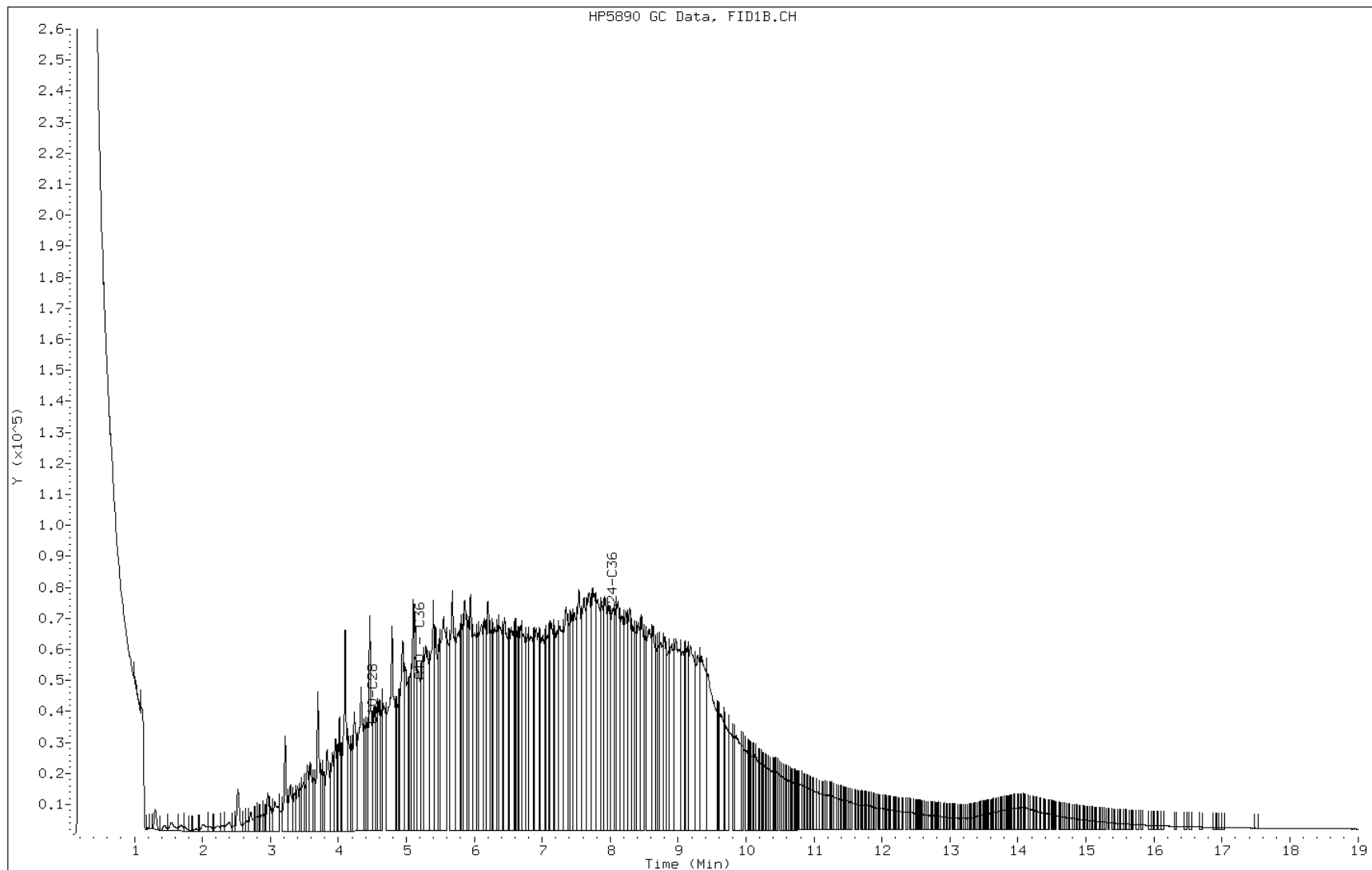M - Compound response manually integrated.

Data File: 023B2301.D

Date: 09-MAY-2011 20:56

Client ID: CORAL SS-1   Instrument: GC_U.i

Sample Info: 280-730684,44-1   Operator: MB
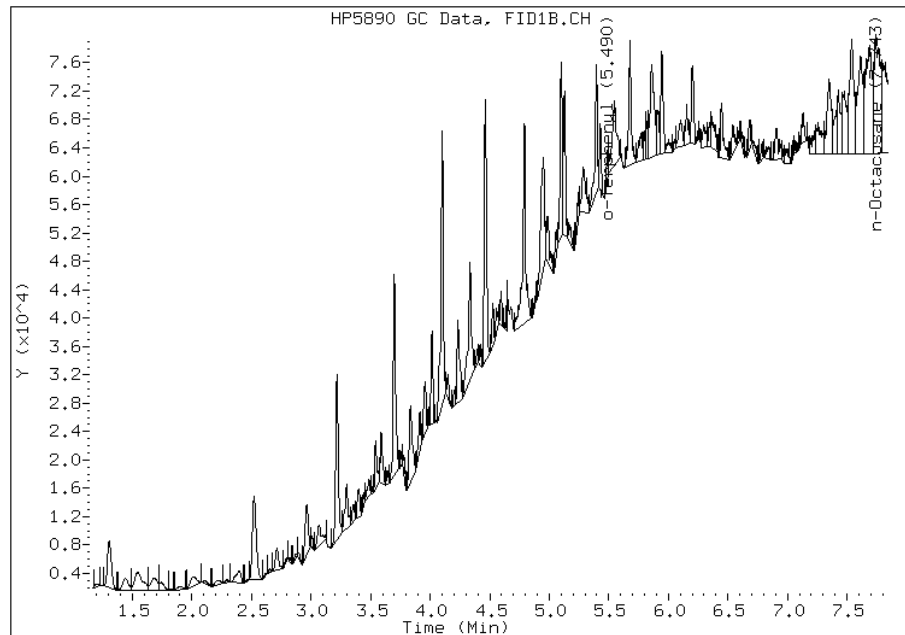
05/13/2011

Manual Integration Report

Data File: 023B2301.D
Inj. Date and Time: 09-MAY-2011 20:56
Instrument ID: GC_U.i
Client ID: CORAL SS-1
Compound: 3 C10-C28
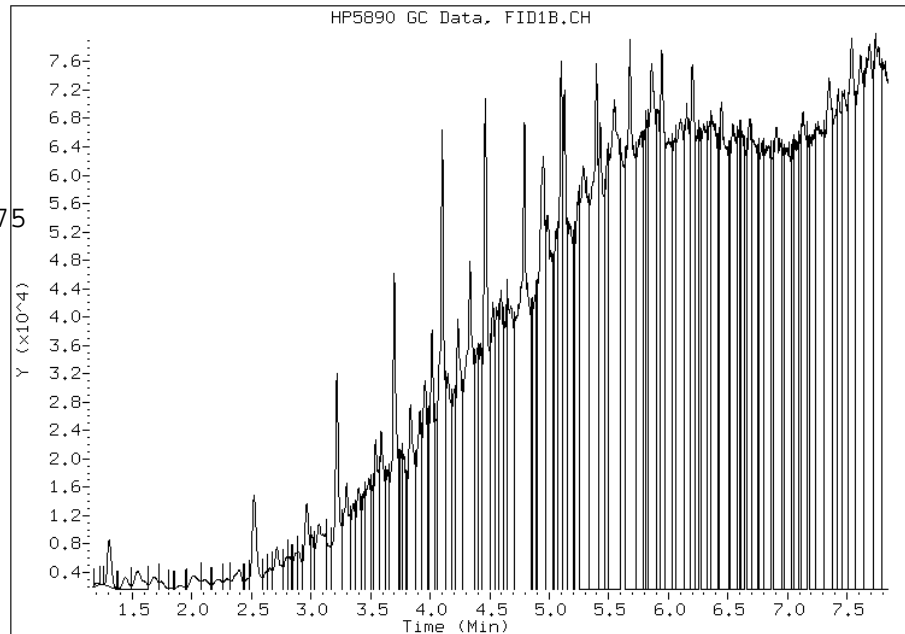CAS #: STL00143
Report Date: 05/10/2011

Processing Integration Results

RT: 4.50

Response: 1186265

Amount: 503.50

Conc: 163472.94

Manual Integration Results

RT: 4.50

Response: 13787278

Amount: 5851.85

Conc: 18999522.75

Manually Integrated By: birdsellm
Modification Date:
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: 023B2301.D
Inj. Date and Time: 09-MAY-2011 20:56
Instrument ID: GC_U.i
Client ID: CORAL SS-1
Compound: 173 C24-C36
CAS #: STL00158
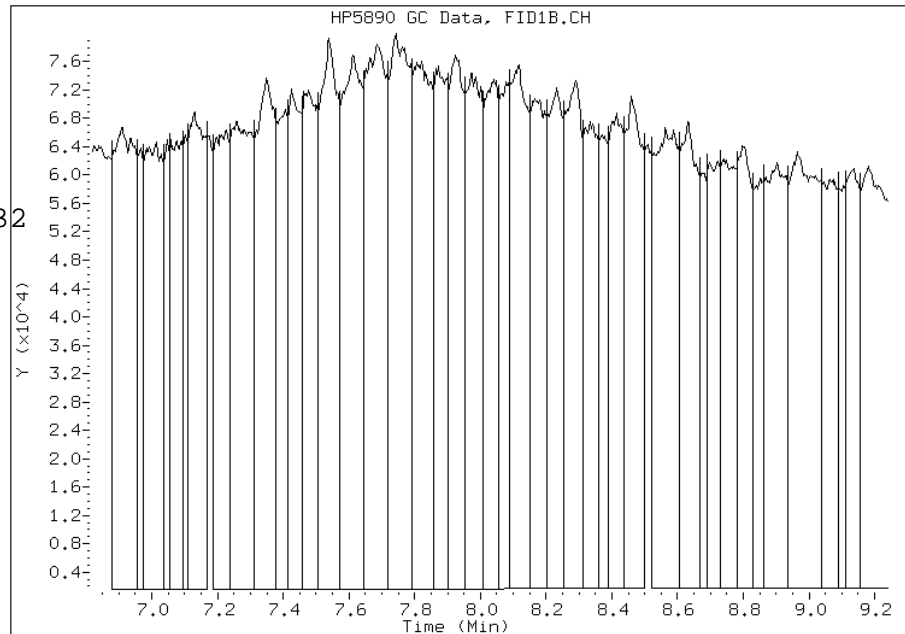Report Date: 05/10/2011

Processing Integration Results

RT: 8.03

Response: 772430

Amount: 373.49

Conc: 121263.04
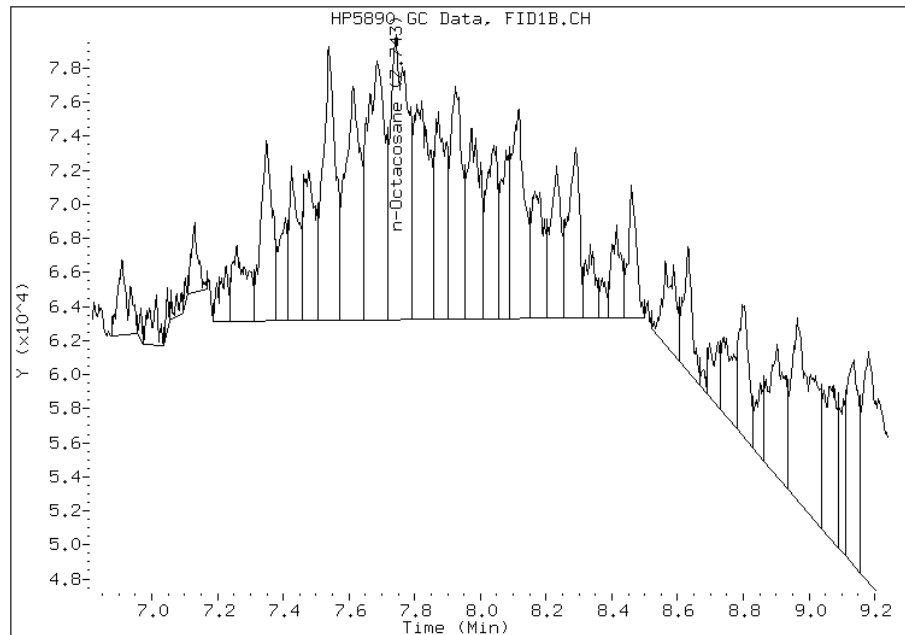
Manual Integration Results

RT: 8.03

Response: 8695271

Amount: 4204.39

Conc: 13650622.32

Manually Integrated By: birdsellm
Modification Date: 10-May-2011 09:52
Manual Integration Reason: Baseline Event

```
                               FORM I
                DIESEL RANGE ORGANICS ANALYSIS DATA SHEET


Lab Name:  TestAmerica Denver              Job No.:  280-15244-1

SDG No.:

Client Sample ID:  CORAL SS-1              Lab Sample ID:  280-15244-1

Matrix:  Solid                            Lab File ID:  004B0401.D

Analysis Method:  8015B                   Date Collected:  04/29/2011  11:00

Extraction Method:  3546                  Date Extracted:  05/02/2011  10:55

Sample wt/vol:  30.8(g)                   Date Analyzed:  05/10/2011  10:22

Con. Extract Vol.:  10000(uL)             Dilution Factor:  10

Injection Volume:  1(uL)                  GC Column:  RTX-1 (30.32)   ID:  0.25(mm)

% Moisture:  6.4                          GPC Cleanup:(Y/N)  N

Analysis Batch No.:  66554                Units:  mg/Kg
```

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00143	Diesel Range Organics [C10-C28]	22000		420	71

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D	49-115

FORM I 8015B

Data File: \\DenSvr03\Public\chem\GCS\GC_U.i\0510111.B\004B0401.D
Report Date: 10-May-2011 12:09

                              TestAmerica

                            SW846 8015 mod.
Data file : \\DenSvr03\Public\chem\GCS\GC_U.i\0510111.B\004B0401.D
Lab Smp Id: 280-15244-A-1-A   Client Smp ID: CORAL SS-1
Inj Date : 10-MAY-2011 10:22
Operator : MB   Inst ID: GC_U.i
Smp Info : 280-730684,44-1
Misc Info : 280-15244-A-1-A
Comment   : DEN-GC-0002
Method   : \\DenSvr03\Public\chem\GCS\GC_U.i\0510111.B\DR01.m
Meth Date : 10-May-2011 12:09 birdsellm Quant Type: ESTD
Cal Date : 30-MAR-2011 22:39   Cal File: 019B1901.D
Als bottle: 4
Dil Factor: 10.00000
Integrator: Falcon   Compound Sublist: C10-C36sub.sub
Target Version: 4.14
Processing Host: DENPC248

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

      Name   Value   Description
 -------------- ---------- ----------------------
      DF   10.000   Dilution Factor
      Vf   10000.000   Final Volume of Extract (uL)
      Ws   30.800   Weight of sample extracted (g)
 Cpnd Variable   Local Compound Variable

                                            CONCENTRATIONS

                                            ON-COLUMN   FINAL

Compounds   RT   EXP RT   DLT RT RESPONSE   (ug/ml)   (ug/Kg)
========================= ==== ======== ======== ======== ======= =======
$ 1 o-Terphenyl   Compound Not Detected.
S 3 C10-C28   1.267-7.740   14838468   6298.02   20450000(M)
S 4 C10 - C36   1.267-9.143   20242988   8587.66   27880000(M)
$ 6 n-Octacosane   Compound Not Detected.

QC Flag Legend

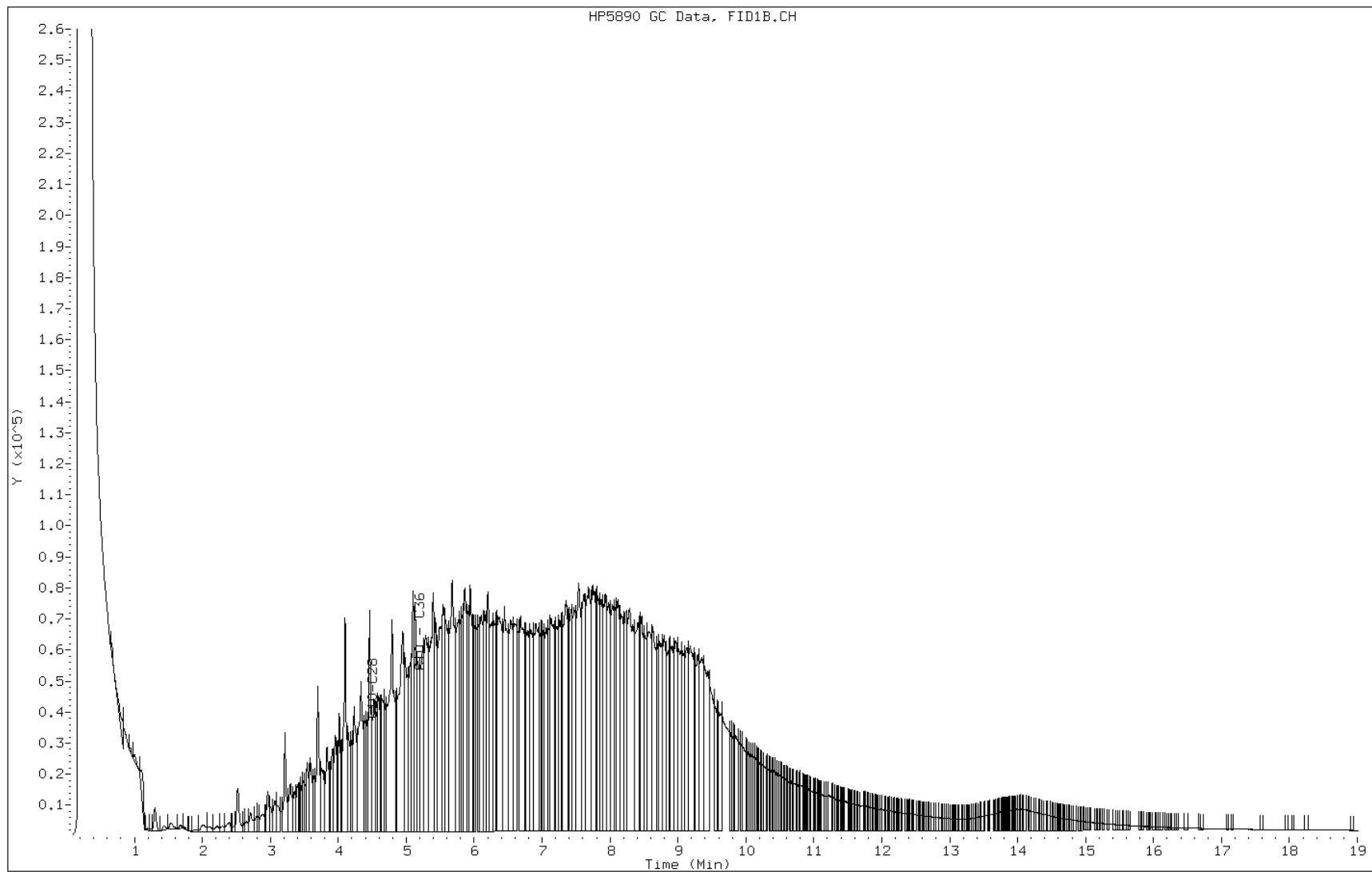M - Compound response manually integrated.

Data File: 004B0401.D

Date: 10-MAY-2011 10:22

Client ID: CORAL SS-1   Instrument: GC_U.i

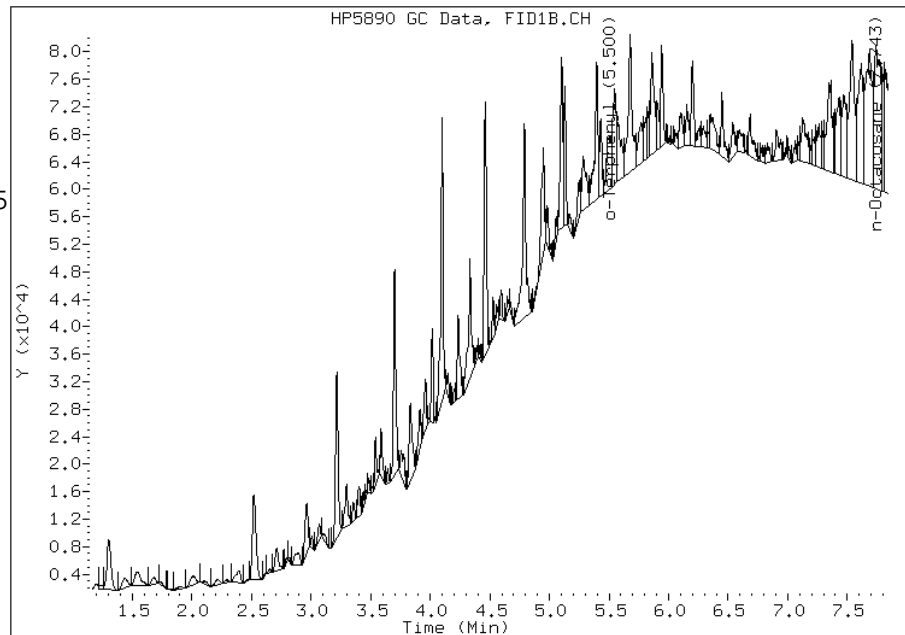Sample Info: 280-730684,44-1   Operator: MB

HP5890 GC Data, FID1B.CH

Data File: 004B0401.D
Inj. Date and Time: 10-MAY-2011 10:22
Instrument ID: GC_U.i
Client ID: CORAL SS-1
Compound: 3 C10-C28
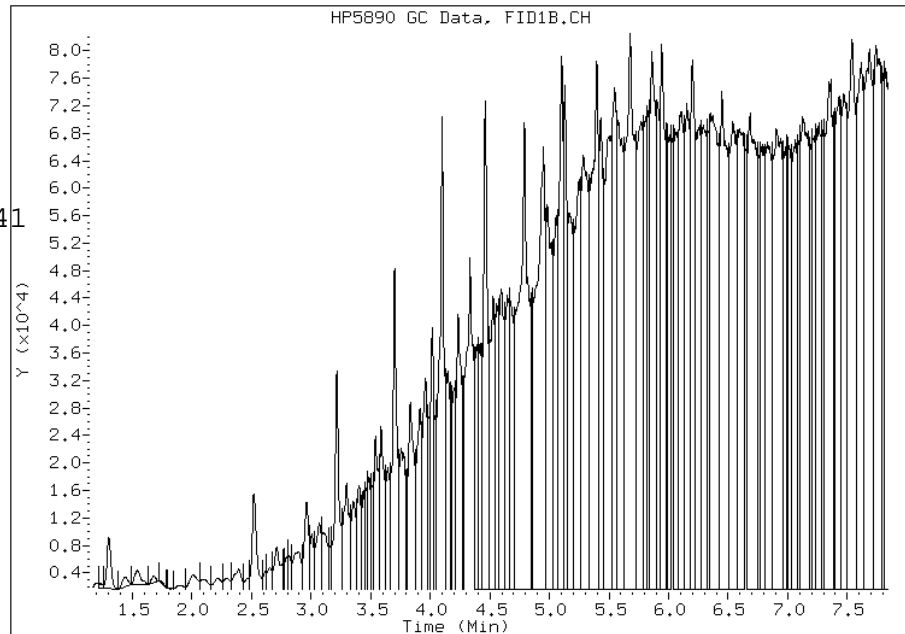CAS #: STL00143
Report Date: 05/10/2011

Processing Integration Results

RT: 4.50

Response: 1413116

Amount: 599.78

Conc: 1947340.85

Manual Integration Results

RT: 4.50

Response: 14838468

Amount: 6298.02

Conc: 20448112.41

Manually Integrated By: birdsellm
Modification Date:
Manual Integration Reason: Baseline Event

Shipping and Receiving Documents

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

TAL-4124-280 (0508)

Sampler ID _____

Temperature on Receipt 4.9°C ⟶ IR¹

Drinking Water? Yes ☐ No ☒   08 4/29/11

Chain of Custody Number 143917

Client COGCC

Date 4/29/11

Address 9203 E 155th Dr

City Brighton   **State** CO   **Zip Code** 80602

Project Manager John Axelson

Telephone Number (Area Code)/Fax Number 303-637-7178/7179

Site Contact **Lab Contact** Lori Parsons

Project Name and Location (State) Cora

Carrier/Waybill Number NA

Contract/Purchase Order/Quote No.

Page 1 **of** 1

Lab Number _____

Special Instructions/Conditions of Receipt

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	NaOH ZnAcl	BTEX 8260	TPH-GRO	TPH-DRO #				
Cora 55-1	4/29/11	11:00				X							X	X	X			✱Maybe high DRO!	

Matrix → / Containers & Preservatives

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

☒ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By (sig)	4/29/11	13:56	1. Received By (sig)	4/29/11	1356
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments
In addition to BTEX include Naphthalene. For TPH 8015 run extended C range on DRO for crude oil.
Remit to John Axelson@state.co.us.

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Login Number: 15244

List Number: 1

Creator: Harrington, Nicholas

List Source: TestAmerica Denver

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	