C-2 Box 4

Extended Raw Data Level III
8260B Initial Cal Data (2)
" Sample/QC Data (3)
TVPH Sample & QC Data $C_6 - C_8$
Initial Cal. Data
TEPH level III
TEPH Sample & QC Data $C_8 - C_{40}$
TEPH " " $C_8 - C_{40}$
Extraction Notes
Initial Cal. Data (2)
Supporting Raw Data

—

Extended Raw Data Level III
8260B Initial Cal Data
" Sample/QC Data (5)
TVPH Sample & QC Data $C_6 - C_8$
Initial Calibration Data
TEPH Sample & QC Data
Extraction Notes
Initial Cal Data (2)

8082 Level III
PCB Sample & QC Data
Initial Cal Data
Supporting Raw Data

SEVERN
TRENT
SERVICES

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705-4808

Tel: 714 258 8610
Fax: 714 258 0921
www.stl-inc.com

November 1, 2000

STL LOT NUMBER: **E0J090227**

Rus Purcell
Kennedy/Jenks Consultants
2151 Michelson Drive
Suite 100
Irvine, CA 92612

Dear Mr. Purcell,

This report contains the analytical results for the 27 samples received under chain of custody by STL Los Angeles on October 9, 2000. These samples are associated with your Boeing C6 project.

All applicable quality control procedures met method-specified acceptance criteria. Matrix related anomalies are footnoted within the report.

This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at 714-258-8610.

Sincerely,

Diane Suzuki
Project Manager

cc: Project File

SEVERN TRENT LABORATORIES

Committed To Your Success

No. 201057

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennedy Jenks	PROJECT NAME/NUMBER: 004032.01
SEND REPORT TO: Jay Knight	BILLING INFORMATION
ADDRESS: 2151 Michelson Dr. Ste 100	BILL TO:
Irvine, CA 92612	ADDRESS:
PHONE: 949-261-1577	PHONE:
FAX:	FAX: PO NO.:

LAB JOB NO. E003090227

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	8260 VOC	6010 METALS	8015 TPH						REMARKS/PRECAUTIONS
	C-2-99-5	10-9-00	8:20	Soil	Poly Tube	ICE	1	X	X	X						
	C-2-99-10		8:30					X	X	X						
	C-2-99-15		8:35					X	X	X						
	C-2-100-5		9:10					X	X	X						
	C-2-100-10		9:15					X	X	X						
	C-2-100-15		9:30					X	X	X						
	C-2-101-1		9:40					X	X	X						
	C-2-101-5		9:45					X	X	X						
	C-2-102-5		10:25					X	X	X						
	~~C-2-102-10~~	10-9-00	10:30	Soil	Poly Tube	~~ICE~~	1	X								No sample

SAMPLER: Tim

SHIPMENT METHOD:

AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Tim Doyle	10/9/00	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Tim Doyle KJ	TIME 1600	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE: [illegible]	10-9-00	SIGNATURE: Apollo Villa to BOS	10/09	SIGNATURE:	
PRINTED NAME/COMPANY: STL	TIME 1600	PRINTED NAME/COMPANY: STL	TIME 17:30	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES
1721 South Grand Avenue
Santa An[illegible] 92705
Phone: (714) 258-8610 / Fax: (714) 258-0921

000002

BOE-C6-0150425

SEVERN TRENT LABORATORIES

Committed To *Your* Success

No. 201058

CHAIN OF CUSTODY RECORD

BOE-C6-0150426

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennedy Jenks	PROJECT NAME/NUMBER: 0040320.01
SEND REPORT TO: Jay Knight	BILLING INFORMATION
ADDRESS: 2151 Michelson Dr. Ste 100	BILL TO:
Irvine Ca 92612	ADDRESS:
PHONE: 949-261-5577	PHONE:
FAX:	FAX: PO NO.:

LAB JOB NO.

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	8260 VOC	6010 METALS	8015 TPH						REMARKS/PRECAUTIONS
	C-2-103-5	10-9-00	10:50	Soil	Poly Tube	ICE	1	X	X	X						
	C-2-103-10	10-9-00	11:00					X	X	X						
	~~C-2-105-1~~		~~11:05~~					~~X~~	~~X~~	~~X~~						~~No sample~~
	C-2-105-5		11:10					X	X	X						
	C-2-106-1		11:20					X	X	X						
	C-2-106-5		11:30					X	X	X						
	C-2-107-5		12:50					X	X							
	C-2-107-10		12:55					X								
	C-2-108-5		13:10					X	X							
	C-2-108-10	10-9-00	13:15	Soil	Poly Tube	ICE	1	X								

SAMPLER: Tim

SHIPMENT METHOD:

AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE:	10/9/00	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Tim Doyle KJ	TIME 16:00	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	**DATE**	**2. RECEIVED BY:**	**DATE**	**3. RECEIVED BY:**	**DATE**
SIGNATURE:	10-9-00	SIGNATURE: ADOLFO VILLALOBOS	10/09	SIGNATURE:	
PRINTED NAME/COMPANY: STL	TIME 1600	PRINTED NAME/COMPANY: STL	TIME 17:30	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

000003

SEVERN TRENT LABORATORIES
1721 South Grand Avenue
Santa An 92705
Phone: (714) 258-8610 / Fax: (714) 258-0921

BOE-C6-0150427

SEVERN TRENT LABORATORIES

Committed To Your Success

No. 201059

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennedy Jenks	PROJECT NAME/NUMBER: 004032.01
SEND REPORT TO: Jay Knight	BILLING INFORMATION
ADDRESS: 2151 Michelson Dr. Ste 100	BILL TO:
Irvine Ca 92612	ADDRESS:
PHONE: 949-261-1577	PHONE:
FAX:	FAX: PO NO.:

LAB JOB NO.

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	8260 VOC	6010 Metals	8015 TPH	REMARKS/PRECAUTIONS
	~~C-109~~ C-2-109-5	10-9-00	13:30	Soil	Poly Tube	Ice	1	X	X	X	
	C-2-109-10		13:35					X			
	C-2-110-1		13:50					X	X	X	
	C-2-110-5		13:55					X	X	X	
	C-2-111-5		1400					X	X	X	
	C-2-111-10		14:05					X			
	C-2-112-5		14:50					X	X	X	
	C-2-112-10		15:00					X		X	
	~~C-2-112-15~~		~~15:10~~	~~Soil~~	~~Poly Tube~~			~~X~~		~~X~~	No sample
	C-2-109 Rinsate	10-9-00		W	VOA	Ice	2	X			

SAMPLER: Tim

SHIPMENT METHOD:

AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Tim Doyle	10/9/00	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Tim Doyle K/J	TIME 16:00	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	DATE	2. RECEIVED BY:	DATE	3. RECEIVED BY:	DATE
SIGNATURE: [illegible]	10-9-00	SIGNATURE: Adolfo Villalobos	10 09	SIGNATURE:	
PRINTED NAME/COMPANY: STL	TIME 16:00	PRINTED NAME/COMPANY: STL	TIME 17:30	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

000004

SEVERN TRENT LABORATORIES

1721 South Grand Avenue
Santa Ana, CA 92705
Phone: (714) 258-8610 / Fax: (714) 258-0921

STL – LOS ANGELES
PROJECT RECEIPT CHECKLIST

Date: 10-09-00

Quantims Lot #: E0J090227
Client Name: KENNADY FRANKS
Received by: AV

Quote #:
Project: 004103201
Date/Time Received: 10 09 17:30

Delivered by : ☐Client ☐Airborne ☐Fed Ex ☐DHL ☐Ultra-Ex ☐Rey B.
☐UPS ☐DES ☒Other MIKE HERNANDEZ

Initial / Date

Custody Seal Status: ☐Intact ☐Broken ☒None ..... AV 10/09
Custody Seal #(s): ☐No Seal # .....
Sample Container(s): ☐STL-LA ☐Client ☒N/A .....
Temperature(s) (COOLER/BLANK) in °C: 23.0 NO BLANK (CORRECTED TEMP) .....
Thermometer Used : ☒IR (Infra-red) ☐Digital (Probe) .....
Samples: ☒Intact ☐Broken ☐Other _____ .....
Anomalies: ☒No ☐Yes (See Clouseau) ..... AV 10 09
Labeled by .....
Labeling checked by .....

Turn Around Time: ☐RUSH-24HR ☐RUSH-48HR ☐RUSH-72HR ☒NORMAL .....
Short-Hold Notification: ☐Ph ☐Wet Chem ☐Metals (Filter/Pres) ☐Encore ☒N/A ...
Outside Analysis(es) (Test/Lab/Date Sent Out) :

..... LEAVE NO BLANK SPACES ; USE N/A .....

Fraction	1 to 26	27									PH
VOAh *		2									N/A
Plastic Sleeve	1										

h: HCl sa: Sodium Hydroxide zna: Zinc Acetate/Sodium Hydroxide s: H2SO4 n: HNO3 n/f: HNO3-Field filtered n/fl: HNO3-Lab filtered
CGJ: Clear Glass Jar CGB: Clear Glass Bottle AGJ: Amber Glass Jar AGB: Amber Glass Bottle PB: Poly Bottle E: Encore Sampler V: VOA

* Number of VOA's w/ Headspace present

LOGGED BY/DATE: AV 10/09/00 REVIEWED BY/DATE: 10/13/00

STL Los Angeles
Condition Upon Receipt Anomaly Report (CUR)

TRENT SERVICES

Client: KENNEDY JENKS Date/Time 10-09-00 17:30

Lot No: EOJ090227 Initiated by: AV

Affected samples Chain of Custody #

Client ID	Lab ID	Analyses Requested

CONDITION/ANOMALY/VARIANCE (CHECK ALL THAT APPLY):

- **COOLERS**
  - ☐ Not Received, No (COC)
  - ☐ Not Received but COC (s) Available
  - ☐ Leaking
  - ☐ Other: _____

- **TEMPERATURE (SPECS 4 ± 2°C)**
  - ☒ Cooler Temp(s) 23.0
  - ☐ Temperature Blank(s) NONE

- **CUSTODY SEALS (COOLER(S)/CONTAINER(S)**
  - ☐ None
  - ☐ Not Intact
  - ☐ Other _____

- **CHAIN OF CUSTODY (COC)**
  - ☐ Not relinquished by Client; No date/time relinquished
  - ☐ Incomplete information provided
  - ☐ Other _____

- **CONTAINERS**
  - ☐ Leaking
  - ☐ Broken
  - ☐ Extra
  - ☐ Without Labels
  - ☐ VOA Vials with Headspace _____ mm
  - ☐ Other: _____

- **CONTAINERS LABELS**
  - ☐ Not the same ID/info as in COC
  - ☐ Incomplete Information
    - ☐ Preservative
    - ☐ Collection _____ Time _____ Date
  - ☐ Markings/Info illegible
  - ☐ Torn
  - ☐ Other _____

- **SAMPLES**
  - ☐ Samples NOT RECEIVED but listed on COC
  - ☐ Samples received but NOT LISTED on COC
  - ☐ Logged based on Label Information
  - ☐ Logged based on info from other samples on COC
  - ☐ Logged according to Work Plan
  - ☐ Logged on HOLD UNTIL FURTHER NOTICE
  - ☐ Other _____

- ☐ Will be noted on COC—Client to send samples with new COC
- ☐ Mislabeled as to tests, preservatives, etc.
- ☐ Holding time expired
- ☐ Improper container used
- ☐ Not preserved/Improper preservative used
- ☐ Improper pH _____ Lab to preserve sample and document
- ☐ Insufficient quantities for analysis

Comments _____

Corrective Action Implemented:

- ☐ Client Informed: verbally on _____ By: _____ In writing on _____ By: _____
- ☐ Sample(s) processed "as is." _____
- ☐ Sample(s) on hold until: _____ If released, notify: _____

Sample Control Supervisor Review: _____ Date: _____

Project Management Review: _____ Date: 10/13/00

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

EXECUTIVE SUMMARY - Detection Highlights

E0J090227

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-99-5 10/09/00 08:20 001				
C6-C8	0.16 J,B	1.0	mg/kg	SW846 8015B
Aluminum	8270	20.0	mg/kg	SW846 6010B
Arsenic	1.3	1.0	mg/kg	SW846 6010B
Barium	70.1	2.0	mg/kg	SW846 6010B
Chromium	10.9	1.0	mg/kg	SW846 6010B
Beryllium	0.30 B	0.50	mg/kg	SW846 6010B
Lead	2.5	0.50	mg/kg	SW846 6010B
Cobalt	5.4	5.0	mg/kg	SW846 6010B
Copper	9.0	2.5	mg/kg	SW846 6010B
Molybdenum	0.35 B	4.0	mg/kg	SW846 6010B
Nickel	6.8	4.0	mg/kg	SW846 6010B
Thallium	0.63 B	1.0	mg/kg	SW846 6010B
Vanadium	22.6	5.0	mg/kg	SW846 6010B
Zinc	21.7	2.0	mg/kg	SW846 6010B
Acetone	15 J,B	25	ug/kg	SW846 8260B
C-2-99-10 10/09/00 08:30 002				
Total Carbon Chain Range	5.4 J	10	mg/kg	SW846 8015B
C6-C8	0.15 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.023 B	0.10	mg/kg	SW846 7471A
Aluminum	22300	20.0	mg/kg	SW846 6010B
Arsenic	3.6	1.0	mg/kg	SW846 6010B
Barium	135	2.0	mg/kg	SW846 6010B
Chromium	24.1	1.0	mg/kg	SW846 6010B
Beryllium	0.70	0.50	mg/kg	SW846 6010B
Lead	5.1	0.50	mg/kg	SW846 6010B
Cobalt	10.6	5.0	mg/kg	SW846 6010B
Copper	20.2	2.5	mg/kg	SW846 6010B
Molybdenum	0.63 B	4.0	mg/kg	SW846 6010B
Nickel	18.5	4.0	mg/kg	SW846 6010B
Thallium	0.94 B	1.0	mg/kg	SW846 6010B
Vanadium	55.0	5.0	mg/kg	SW846 6010B
Zinc	59.5	2.0	mg/kg	SW846 6010B
C-2-99-15 10/09/00 08:35 003				
C6-C8	0.16 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.056 B	0.10	mg/kg	SW846 7471A
Aluminum	20200	20.0	mg/kg	SW846 6010B
Arsenic	4.1	1.0	mg/kg	SW846 6010B
Barium	122	2.0	mg/kg	SW846 6010B
Chromium	24.8	1.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J090227

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-99-15 10/09/00 08:35 003				
Beryllium	0.60	0.50	mg/kg	SW846 6010B
Lead	4.6	0.50	mg/kg	SW846 6010B
Cobalt	10.9	5.0	mg/kg	SW846 6010B
Copper	23.4	2.5	mg/kg	SW846 6010B
Molybdenum	0.79 B	4.0	mg/kg	SW846 6010B
Nickel	18.8	4.0	mg/kg	SW846 6010B
Thallium	0.82 B	1.0	mg/kg	SW846 6010B
Vanadium	52.4	5.0	mg/kg	SW846 6010B
Zinc	56.5	2.0	mg/kg	SW846 6010B
C-2-100-5 10/09/00 09:10 004				
C6-C8	0.18 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.040 B	0.10	mg/kg	SW846 7471A
Aluminum	29200	20.0	mg/kg	SW846 6010B
Arsenic	4.6	1.0	mg/kg	SW846 6010B
Barium	151	2.0	mg/kg	SW846 6010B
Chromium	33.4	1.0	mg/kg	SW846 6010B
Beryllium	0.86	0.50	mg/kg	SW846 6010B
Lead	5.1	0.50	mg/kg	SW846 6010B
Cobalt	10.9	5.0	mg/kg	SW846 6010B
Copper	20.3	2.5	mg/kg	SW846 6010B
Molybdenum	0.87 B	4.0	mg/kg	SW846 6010B
Nickel	22.9	4.0	mg/kg	SW846 6010B
Thallium	1.1	1.0	mg/kg	SW846 6010B
Vanadium	64.4	5.0	mg/kg	SW846 6010B
Zinc	64.1	2.0	mg/kg	SW846 6010B
C-2-100-10 10/09/00 09:15 005				
C6-C8	0.17 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.068 B	0.10	mg/kg	SW846 7471A
Aluminum	22900	20.0	mg/kg	SW846 6010B
Arsenic	3.8	1.0	mg/kg	SW846 6010B
Barium	102	2.0	mg/kg	SW846 6010B
Chromium	26.4	1.0	mg/kg	SW846 6010B
Beryllium	0.64	0.50	mg/kg	SW846 6010B
Lead	5.1	0.50	mg/kg	SW846 6010B
Cobalt	10.5	5.0	mg/kg	SW846 6010B
Copper	23.6	2.5	mg/kg	SW846 6010B
Molybdenum	0.50 B	4.0	mg/kg	SW846 6010B
Nickel	17.8	4.0	mg/kg	SW846 6010B
Vanadium	55.5	5.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J090227

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-100-10 10/09/00 09:15 005				
Zinc	59.3	2.0	mg/kg	SW846 6010B
C-2-100-15 10/09/00 09:30 006				
C6-C8	0.18 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.034 B	0.10	mg/kg	SW846 7471A
Aluminum	22000	20.0	mg/kg	SW846 6010B
Arsenic	4.4	1.0	mg/kg	SW846 6010B
Barium	118	2.0	mg/kg	SW846 6010B
Cadmium	0.12 B	0.50	mg/kg	SW846 6010B
Chromium	28.6	1.0	mg/kg	SW846 6010B
Beryllium	0.63	0.50	mg/kg	SW846 6010B
Lead	4.7	0.50	mg/kg	SW846 6010B
Cobalt	11.3	5.0	mg/kg	SW846 6010B
Copper	26.1	2.5	mg/kg	SW846 6010B
Molybdenum	0.69 B	4.0	mg/kg	SW846 6010B
Nickel	18.8	4.0	mg/kg	SW846 6010B
Thallium	0.58 B	1.0	mg/kg	SW846 6010B
Vanadium	56.9	5.0	mg/kg	SW846 6010B
Zinc	65.3	2.0	mg/kg	SW846 6010B
C-2-101-1 10/09/00 09:40 007				
Total Carbon Chain Range	5.2 J	10	mg/kg	SW846 8015B
C6-C8	0.19 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.048 B	0.10	mg/kg	SW846 7471A
Aluminum	30500	20.0	mg/kg	SW846 6010B
Arsenic	3.4	1.0	mg/kg	SW846 6010B
Barium	177	2.0	mg/kg	SW846 6010B
Chromium	36.8	1.0	mg/kg	SW846 6010B
Beryllium	1.1	0.50	mg/kg	SW846 6010B
Lead	5.6	0.50	mg/kg	SW846 6010B
Cobalt	11.1	5.0	mg/kg	SW846 6010B
Copper	17.5	2.5	mg/kg	SW846 6010B
Nickel	21.8	4.0	mg/kg	SW846 6010B
Thallium	1.1	1.0	mg/kg	SW846 6010B
Vanadium	64.0	5.0	mg/kg	SW846 6010B
Zinc	62.2	2.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J090227

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-101-5 10/09/00 09:45 008				
C6-C8	0.18 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.10	0.10	mg/kg	SW846 7471A
Aluminum	23300	20.0	mg/kg	SW846 6010B
Arsenic	3.8	1.0	mg/kg	SW846 6010B
Barium	138	2.0	mg/kg	SW846 6010B
Chromium	26.9	1.0	mg/kg	SW846 6010B
Beryllium	0.73	0.50	mg/kg	SW846 6010B
Lead	6.6	0.50	mg/kg	SW846 6010B
Cobalt	11.3	5.0	mg/kg	SW846 6010B
Copper	21.2	2.5	mg/kg	SW846 6010B
Molybdenum	0.63 B	4.0	mg/kg	SW846 6010B
Nickel	20.4	4.0	mg/kg	SW846 6010B
Thallium	0.92 B	1.0	mg/kg	SW846 6010B
Vanadium	54.9	5.0	mg/kg	SW846 6010B
Zinc	61.4	2.0	mg/kg	SW846 6010B
C-2-102-5 10/09/00 10:25 009				
C6-C8	0.16 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.031 B	0.10	mg/kg	SW846 7471A
Aluminum	23000	20.0	mg/kg	SW846 6010B
Arsenic	3.7	1.0	mg/kg	SW846 6010B
Barium	166	2.0	mg/kg	SW846 6010B
Chromium	26.3	1.0	mg/kg	SW846 6010B
Beryllium	0.69	0.50	mg/kg	SW846 6010B
Lead	5.4	0.50	mg/kg	SW846 6010B
Cobalt	11.2	5.0	mg/kg	SW846 6010B
Copper	21.8	2.5	mg/kg	SW846 6010B
Molybdenum	0.85 B	4.0	mg/kg	SW846 6010B
Nickel	20.5	4.0	mg/kg	SW846 6010B
Thallium	1.1	1.0	mg/kg	SW846 6010B
Vanadium	53.3	5.0	mg/kg	SW846 6010B
Zinc	61.3	2.0	mg/kg	SW846 6010B
C-2-103-5 10/09/00 10:50 010				
Total Carbon Chain Range	6.1 J	10	mg/kg	SW846 8015B
C6-C8	0.20 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.059 B	0.10	mg/kg	SW846 7471A
Aluminum	25700	20.0	mg/kg	SW846 6010B
Arsenic	7.6	1.0	mg/kg	SW846 6010B
Barium	125	2.0	mg/kg	SW846 6010B
Chromium	29.8	1.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J090227

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-103-5 10/09/00 10:50 010				
Beryllium	0.82	0.50	mg/kg	SW846 6010B
Lead	10.9	0.50	mg/kg	SW846 6010B
Cobalt	13.1	5.0	mg/kg	SW846 6010B
Copper	19.6	2.5	mg/kg	SW846 6010B
Molybdenum	0.66 B	4.0	mg/kg	SW846 6010B
Nickel	18.9	4.0	mg/kg	SW846 6010B
Thallium	1.1	1.0	mg/kg	SW846 6010B
Vanadium	58.0	5.0	mg/kg	SW846 6010B
Zinc	61.0	2.0	mg/kg	SW846 6010B
1,2-Dichloroethane	1.4 J	5.0	ug/kg	SW846 8260B
Trichloroethene	4.0 J	5.0	ug/kg	SW846 8260B
C-2-103-10 10/09/00 11:00 011				
C6-C8	0.17 J,B	1.0	mg/kg	SW846 8015B
Aluminum	23600	20.0	mg/kg	SW846 6010B
Arsenic	4.0	1.0	mg/kg	SW846 6010B
Barium	181	2.0	mg/kg	SW846 6010B
Chromium	29.1	1.0	mg/kg	SW846 6010B
Beryllium	0.70	0.50	mg/kg	SW846 6010B
Lead	5.8	0.50	mg/kg	SW846 6010B
Cobalt	12.4	5.0	mg/kg	SW846 6010B
Copper	31.0	2.5	mg/kg	SW846 6010B
Molybdenum	0.69 B	4.0	mg/kg	SW846 6010B
Nickel	22.1	4.0	mg/kg	SW846 6010B
Thallium	0.59 B	1.0	mg/kg	SW846 6010B
Vanadium	58.2	5.0	mg/kg	SW846 6010B
Zinc	71.0	2.0	mg/kg	SW846 6010B
Acetone	15 J,B	25	ug/kg	SW846 8260B
C-2-105-5 10/09/00 11:10 012				
C6-C8	0.17 J,B	1.0	mg/kg	SW846 8015B
Aluminum	19200	20.0	mg/kg	SW846 6010B
Arsenic	3.2	1.0	mg/kg	SW846 6010B
Barium	114	2.0	mg/kg	SW846 6010B
Chromium	21.2	1.0	mg/kg	SW846 6010B
Beryllium	0.59	0.50	mg/kg	SW846 6010B
Lead	5.6	0.50	mg/kg	SW846 6010B
Cobalt	13.2	5.0	mg/kg	SW846 6010B
Copper	19.2	2.5	mg/kg	SW846 6010B
Molybdenum	0.91 B	4.0	mg/kg	SW846 6010B
Nickel	14.2	4.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J090227

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-105-5 10/09/00 11:10 012				
Thallium	0.82 B	1.0	mg/kg	SW846 6010B
Vanadium	41.8	5.0	mg/kg	SW846 6010B
Zinc	53.2	2.0	mg/kg	SW846 6010B
C-2-106-1 10/09/00 11:20 013				
C6-C8	0.16 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.024 B	0.10	mg/kg	SW846 7471A
Aluminum	26600	20.0	mg/kg	SW846 6010B
Arsenic	2.7	1.0	mg/kg	SW846 6010B
Barium	145	2.0	mg/kg	SW846 6010B
Chromium	20.9	1.0	mg/kg	SW846 6010B
Beryllium	0.68	0.50	mg/kg	SW846 6010B
Lead	5.3	0.50	mg/kg	SW846 6010B
Selenium	0.53	0.50	mg/kg	SW846 6010B
Cobalt	18.1	5.0	mg/kg	SW846 6010B
Copper	16.9	2.5	mg/kg	SW846 6010B
Molybdenum	0.59 B	4.0	mg/kg	SW846 6010B
Nickel	15.2	4.0	mg/kg	SW846 6010B
Vanadium	47.0	5.0	mg/kg	SW846 6010B
Zinc	48.9	2.0	mg/kg	SW846 6010B
C-2-106-5 10/09/00 11:30 014				
C6-C8	0.17 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.036 B	0.10	mg/kg	SW846 7471A
Aluminum	29700	20.0	mg/kg	SW846 6010B
Arsenic	4.1	1.0	mg/kg	SW846 6010B
Barium	165	2.0	mg/kg	SW846 6010B
Chromium	31.5	1.0	mg/kg	SW846 6010B
Beryllium	0.90	0.50	mg/kg	SW846 6010B
Lead	6.8	0.50	mg/kg	SW846 6010B
Cobalt	14.8	5.0	mg/kg	SW846 6010B
Copper	27.0	2.5	mg/kg	SW846 6010B
Molybdenum	0.80 B	4.0	mg/kg	SW846 6010B
Nickel	30.0	4.0	mg/kg	SW846 6010B
Thallium	1.2	1.0	mg/kg	SW846 6010B
Vanadium	64.2	5.0	mg/kg	SW846 6010B
Zinc	74.3	2.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J090227

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-107-5 10/09/00 12:50 015				
Mercury	0.044 B	0.10	mg/kg	SW846 7471A
Arsenic	3.2	1.0	mg/kg	SW846 6010B
Aluminum	25800	20.0	mg/kg	SW846 6010B
Barium	122	2.0	mg/kg	SW846 6010B
Chromium	24.2	1.0	mg/kg	SW846 6010B
Beryllium	0.74	0.50	mg/kg	SW846 6010B
Lead	5.4	0.50	mg/kg	SW846 6010B
Cobalt	11.5	5.0	mg/kg	SW846 6010B
Copper	19.2	2.5	mg/kg	SW846 6010B
Molybdenum	0.37 B	4.0	mg/kg	SW846 6010B
Nickel	14.8	4.0	mg/kg	SW846 6010B
Thallium	1.2	1.0	mg/kg	SW846 6010B
Vanadium	53.1	5.0	mg/kg	SW846 6010B
Zinc	52.9	2.0	mg/kg	SW846 6010B
C-2-108-5 10/09/00 13:10 017				
Mercury	0.046 B	0.10	mg/kg	SW846 7471A
Aluminum	27500	20.0	mg/kg	SW846 6010B
Arsenic	3.0	1.0	mg/kg	SW846 6010B
Barium	184	2.0	mg/kg	SW846 6010B
Chromium	27.4	1.0	mg/kg	SW846 6010B
Beryllium	0.80	0.50	mg/kg	SW846 6010B
Lead	6.0	0.50	mg/kg	SW846 6010B
Cobalt	12.9	5.0	mg/kg	SW846 6010B
Copper	17.3	2.5	mg/kg	SW846 6010B
Molybdenum	0.54 B	4.0	mg/kg	SW846 6010B
Nickel	16.8	4.0	mg/kg	SW846 6010B
Thallium	0.91 B	1.0	mg/kg	SW846 6010B
Vanadium	57.9	5.0	mg/kg	SW846 6010B
Zinc	56.0	2.0	mg/kg	SW846 6010B
C-2-109-5 10/09/00 13:30 019				
C6-C8	0.18 J,B	1.0	mg/kg	SW846 8015B
Aluminum	37200	20.0	mg/kg	SW846 6010B
Arsenic	9.1	1.0	mg/kg	SW846 6010B
Barium	407	2.0	mg/kg	SW846 6010B
Chromium	30.6	1.0	mg/kg	SW846 6010B
Beryllium	1.1	0.50	mg/kg	SW846 6010B
Lead	8.6	0.50	mg/kg	SW846 6010B
Cobalt	33.1	5.0	mg/kg	SW846 6010B
Copper	21.6	2.5	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J090227

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-109-5 10/09/00 13:30 019				
Molybdenum	2.2 B	4.0	mg/kg	SW846 6010B
Nickel	18.0	4.0	mg/kg	SW846 6010B
Thallium	1.7	1.0	mg/kg	SW846 6010B
Vanadium	74.7	5.0	mg/kg	SW846 6010B
Zinc	68.1	2.0	mg/kg	SW846 6010B
C-2-110-1 10/09/00 13:50 021				
Total Carbon Chain Range	6.0 J	10	mg/kg	SW846 8015B
C6-C8	0.17 J,B	1.0	mg/kg	SW846 8015B
Aluminum	20600	20.0	mg/kg	SW846 6010B
Arsenic	2.6	1.0	mg/kg	SW846 6010B
Barium	110	2.0	mg/kg	SW846 6010B
Chromium	30.4	1.0	mg/kg	SW846 6010B
Beryllium	0.60	0.50	mg/kg	SW846 6010B
Lead	40.4	0.50	mg/kg	SW846 6010B
Cobalt	9.8	5.0	mg/kg	SW846 6010B
Copper	17.0	2.5	mg/kg	SW846 6010B
Molybdenum	0.36 B	4.0	mg/kg	SW846 6010B
Nickel	13.4	4.0	mg/kg	SW846 6010B
Thallium	0.90 B	1.0	mg/kg	SW846 6010B
Vanadium	45.5	5.0	mg/kg	SW846 6010B
Zinc	46.2	2.0	mg/kg	SW846 6010B
C-2-110-5 10/09/00 13:55 022				
C6-C8	0.15 J,B	1.0	mg/kg	SW846 8015B
Aluminum	23600	20.0	mg/kg	SW846 6010B
Arsenic	3.0	1.0	mg/kg	SW846 6010B
Barium	114	2.0	mg/kg	SW846 6010B
Chromium	26.5	1.0	mg/kg	SW846 6010B
Beryllium	0.76	0.50	mg/kg	SW846 6010B
Lead	6.9	0.50	mg/kg	SW846 6010B
Cobalt	12.0	5.0	mg/kg	SW846 6010B
Copper	21.2	2.5	mg/kg	SW846 6010B
Molybdenum	0.66 B	4.0	mg/kg	SW846 6010B
Nickel	12.9	4.0	mg/kg	SW846 6010B
Vanadium	47.4	5.0	mg/kg	SW846 6010B
Zinc	55.2	2.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J090227

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-111-5 10/09/00 14:00 023				
C6-C8	0.18 J,B	1.0	mg/kg	SW846 8015B
Mercury	0.040 B	0.10	mg/kg	SW846 7471A
Aluminum	18700	20.0	mg/kg	SW846 6010B
Arsenic	2.6	1.0	mg/kg	SW846 6010B
Barium	102	2.0	mg/kg	SW846 6010B
Chromium	20.9	1.0	mg/kg	SW846 6010B
Beryllium	0.59	0.50	mg/kg	SW846 6010B
Lead	4.9	0.50	mg/kg	SW846 6010B
Cobalt	9.1	5.0	mg/kg	SW846 6010B
Copper	16.0	2.5	mg/kg	SW846 6010B
Molybdenum	0.49 B	4.0	mg/kg	SW846 6010B
Nickel	11.9	4.0	mg/kg	SW846 6010B
Vanadium	43.5	5.0	mg/kg	SW846 6010B
Zinc	40.5	2.0	mg/kg	SW846 6010B
C-2-112-5 10/09/00 14:50 025				
C6-C8	0.18 J,B	1.0	mg/kg	SW846 8015B
Aluminum	16400	20.0	mg/kg	SW846 6010B
Arsenic	3.1	1.0	mg/kg	SW846 6010B
Barium	110	2.0	mg/kg	SW846 6010B
Chromium	23.9	1.0	mg/kg	SW846 6010B
Beryllium	0.48 B	0.50	mg/kg	SW846 6010B
Lead	4.7	0.50	mg/kg	SW846 6010B
Cobalt	9.5	5.0	mg/kg	SW846 6010B
Copper	13.5	2.5	mg/kg	SW846 6010B
Molybdenum	1.5 B	4.0	mg/kg	SW846 6010B
Nickel	13.7	4.0	mg/kg	SW846 6010B
Vanadium	43.0	5.0	mg/kg	SW846 6010B
Zinc	44.3	2.0	mg/kg	SW846 6010B
C-2-112-10 10/09/00 15:00 026				
C6-C8	0.17 J,B	1.0	mg/kg	SW846 8015B
c-2-10/9 Rinseate 10/09/00 027				
Acetone	7.5 J	10	ug/L	SW846 8260B
Methyl tert-butyl ether	1.6	1.0	ug/L	SW846 8260B

METHODS SUMMARY

E0J090227

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SANA AUTO-SHAKE
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Volatile Organics by GC/MS	SW846 8260B	SW846 5030
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5030

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

E0J090227

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
DLTCA	001	C-2-99-5	10/09/00	08:20
DLTCE	002	C-2-99-10	10/09/00	08:30
DLTCF	003	C-2-99-15	10/09/00	08:35
DLTCG	004	C-2-100-5	10/09/00	09:10
DLTCH	005	C-2-100-10	10/09/00	09:15
DLTCK	006	C-2-100-15	10/09/00	09:30
DLTCL	007	C-2-101-1	10/09/00	09:40
DLTCM	008	C-2-101-5	10/09/00	09:45
DLTCN	009	C-2-102-5	10/09/00	10:25
DLTCP	010	C-2-103-5	10/09/00	10:50
DLTCQ	011	C-2-103-10	10/09/00	11:00
DLTCR	012	C-2-105-5	10/09/00	11:10
DLTCT	013	C-2-106-1	10/09/00	11:20
DLTCW	014	C-2-106-5	10/09/00	11:30
DLTCX	015	C-2-107-5	10/09/00	12:50
DLTD0	016	C-2-107-10	10/09/00	12:55
DLTD1	017	C-2-108-5	10/09/00	13:10
DLTD3	018	C-2-108-10	10/09/00	13:15
DLTD5	019	C-2-109-5	10/09/00	13:30
LTD6	020	C-2-109-10	10/09/00	13:35
DLTD7	021	C-2-110-1	10/09/00	13:50
DLTD9	022	C-2-110-5	10/09/00	13:55
DLTDC	023	C-2-111-5	10/09/00	14:00
DLTDD	024	C-2-111-10	10/09/00	14:05
DLTDE	025	C-2-112-5	10/09/00	14:50
DLTDF	026	C-2-112-10	10/09/00	15:00
DLTDK	027	c-2-10/9 Rinseate	10/09/00	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-5

GC Semivolatiles

Lot-Sample #...:	E0J090227-001	**Work Order #...:**	DLTCA102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 08:20	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284311
Prep Date.....:	10/10/00	**Analysis Date..:**	10/20/00		
Prep Batch #...:	0284522	**Analysis Time..:**	00:11		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	79	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-5

GC Volatiles

Lot-Sample #...:	E0J090227-001	Work Order #...:	DLTCA103	Matrix.....:	SOLID
Date Sampled...:	10/09/00 08:20	Date Received..:	10/09/00 17:30	MS Run #.....:	0292177
Prep Date.....:	10/12/00	Analysis Date..:	10/12/00		
Prep Batch #...:	0292380	Analysis Time..:	18:28		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.16 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	76	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-5

GC/MS Volatiles

Lot-Sample #...:	E0J090227-001	**Work Order #...:**	DLTCA101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 08:20	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0298211
Prep Date.....:	10/20/00	**Analysis Date..:**	10/20/00		
Prep Batch #...:	0298395	**Analysis Time..:**	23:03		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**15 J,B**	**25**	**ug/kg**	**15**
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-001 Work Order #...: DLTCA101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	91	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-10

GC Semivolatiles

Lot-Sample #...:	E0J090227-002	**Work Order #...:**	DLTCE102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 08:30	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284311
Prep Date.....:	10/10/00	**Analysis Date..:**	10/23/00		
Prep Batch #...:	0284522	**Analysis Time..:**	18:51		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	**5.4 J**	**10**	**mg/kg**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	101	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-10

GC Volatiles

Lot-Sample #...:	E0J090227-002	**Work Order #...:**	DLTCE103	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 08:30	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0292177
Prep Date.....:	10/12/00	**Analysis Date..:**	10/12/00		
Prep Batch #...:	0292380	**Analysis Time..:**	18:57		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.15 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	90	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-10

GC/MS Volatiles

Lot-Sample #...:	E0J090227-002	**Work Order #...:**	DLTCE101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 08:30	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0298211
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0298395	**Analysis Time..:**	00:39		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-10

GC/MS Volatiles

Lot-Sample #...: E0J090227-002 **Work Order #...:** DLTCE101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	82	(60 - 140)
Toluene-d8	91	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-15

GC Semivolatiles

Lot-Sample #...:	E0J090227-003	**Work Order #...:**	DLTCF102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 08:35	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284311
Prep Date.....:	10/10/00	**Analysis Date..:**	10/23/00		
Prep Batch #...:	0284522	**Analysis Time..:**	19:30		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	91	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-15

GC Volatiles

Lot-Sample #...:	E0J090227-003	**Work Order #...:**	DLTCF103	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 08:35	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0292177
Prep Date.....:	10/12/00	**Analysis Date..:**	10/12/00		
Prep Batch #...:	0292380	**Analysis Time..:**	19:25		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.16 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	89	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-15

GC/MS Volatiles

Lot-Sample #...:	E0J090227-003	**Work Order #...:**	DLTCF101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 08:35	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0298211
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0298395	**Analysis Time..:**	01:10		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-15

GC/MS Volatiles

Lot-Sample #...: E0J090227-003 **Work Order #...:** DLTCF101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(70 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
Toluene-d8	92	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-5

GC Semivolatiles

Lot-Sample #...:	E0J090227-004	**Work Order #...:**	DLTCG102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 09:10	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284311
Prep Date.....:	10/10/00	**Analysis Date..:**	10/23/00		
Prep Batch #...:	0284522	**Analysis Time..:**	20:10		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	91	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-5

GC Volatiles

Lot-Sample #...:	E0J090227-004	Work Order #...:	DLTCG103	Matrix.....:	SOLID
Date Sampled...:	10/09/00 09:10	Date Received..:	10/09/00 17:30	MS Run #.....:	0292177
Prep Date.....:	10/12/00	Analysis Date..:	10/12/00		
Prep Batch #...:	0292380	Analysis Time..:	19:54		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.18 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	89	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-004 **Work Order #...:** DLTCG101 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 09:10 **Date Received..:** 10/09/00 17:30 **MS Run #.....:** 0298211
Prep Date.....: 10/21/00 **Analysis Date..:** 10/21/00
Prep Batch #...: 0298395 **Analysis Time..:** 01:42
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-004 Work Order #...: DLTCG101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(70 - 130)
1,2-Dichloroethane-d4	81	(60 - 140)
Toluene-d8	102	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-10

GC Semivolatiles

Lot-Sample #...:	E0J090227-005	**Work Order #...:**	DLTCH102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 09:15	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284311
Prep Date.....:	10/10/00	**Analysis Date..:**	10/23/00		
Prep Batch #...:	0284522	**Analysis Time..:**	20:49		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	96	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-10

GC Volatiles

Lot-Sample #...:	E0J090227-005	Work Order #...:	DLTCH103	Matrix.....:	SOLID
Date Sampled...:	10/09/00 09:15	Date Received..:	10/09/00 17:30	MS Run #.....:	0292177
Prep Date.....:	10/12/00	Analysis Date..:	10/12/00		
Prep Batch #...:	0292380	Analysis Time..:	20:22		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.17 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	92	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-10

GC/MS Volatiles

Lot-Sample #...: E0J090227-005 **Work Order #...:** DLTCH101 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 09:15 **Date Received..:** 10/09/00 17:30 **MS Run #.....:** 0298211
Prep Date.....: 10/21/00 **Analysis Date..:** 10/21/00
Prep Batch #...: 0298395 **Analysis Time..:** 02:14
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-10

GC/MS Volatiles

Lot-Sample #...: E0J090227-005 Work Order #...: DLTCH101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(70 - 130)
1,2-Dichloroethane-d4	84	(60 - 140)
Toluene-d8	92	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-15

GC Semivolatiles

Lot-Sample #...:	E0J090227-006	**Work Order #...:**	DLTCK102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 09:30	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284311
Prep Date.....:	10/10/00	**Analysis Date..:**	10/23/00		
Prep Batch #...:	0284522	**Analysis Time..:**	21:28		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	106	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-15

GC Volatiles

Lot-Sample #...:	E0J090227-006	Work Order #...:	DLTCK103	Matrix.....:	SOLID
Date Sampled...:	10/09/00 09:30	Date Received..:	10/09/00 17:30	MS Run #.....:	0292213
Prep Date.....:	10/16/00	Analysis Date..:	10/16/00		
Prep Batch #...:	0292446	Analysis Time..:	17:06		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.18 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	92	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-15

GC/MS Volatiles

Lot-Sample #...:	E0J090227-006	**Work Order #...:**	DLTCK101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 09:30	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0298211
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0298395	**Analysis Time..:**	02:45		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-15

GC/MS Volatiles

Lot-Sample #...: E0J090227-006 Work Order #...: DLTCK101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(70 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	97	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-101-1

GC Semivolatiles

Lot-Sample #...:	E0J090227-007	**Work Order #...:**	DLTCL102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 09:40	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284311
Prep Date.....:	10/10/00	**Analysis Date..:**	10/23/00		
Prep Batch #...:	0284522	**Analysis Time..:**	22:07		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	**5.2 J**	**10**	**mg/kg**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	90	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-101-1

GC Volatiles

Lot-Sample #...:	E0J090227-007	Work Order #...:	DLTCL103	Matrix.....:	SOLID
Date Sampled...:	10/09/00 09:40	Date Received..:	10/09/00 17:30	MS Run #.....:	0292177
Prep Date.....:	10/12/00	Analysis Date..:	10/12/00		
Prep Batch #...:	0292380	Analysis Time..:	21:19		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.19 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	89	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-101-1

GC/MS Volatiles

Lot-Sample #...:	E0J090227-007	**Work Order #...:**	DLTCL101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 09:40	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0299207
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0299460	**Analysis Time..:**	14:48		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-101-1

GC/MS Volatiles

Lot-Sample #...: E0J090227-007 **Work Order #...:** DLTCL101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	92	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-101-5

GC Semivolatiles

Lot-Sample #...:	E0J090227-008	**Work Order #...:**	DLTCM102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 09:45	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284311
Prep Date.....:	10/10/00	**Analysis Date..:**	10/23/00		
Prep Batch #...:	0284522	**Analysis Time..:**	22:47		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	100	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-101-5

GC Volatiles

Lot-Sample #...:	E0J090227-008	**Work Order #...:**	DLTCM103	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 09:45	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0292177
Prep Date.....:	10/12/00	**Analysis Date..:**	10/12/00		
Prep Batch #...:	0292380	**Analysis Time..:**	21:48		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.18 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	91	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-101-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-008 **Work Order #...:** DLTCM101 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 09:45 **Date Received..:** 10/09/00 17:30 **MS Run #.....:** 0298211
Prep Date.....: 10/21/00 **Analysis Date..:** 10/21/00
Prep Batch #...: 0298395 **Analysis Time..:** 03:49
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-101-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-008 **Work Order #...:** DLTCM101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(70 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-102-5

GC Semivolatiles

Lot-Sample #...:	E0J090227-009	**Work Order #...:**	DLTCN102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 10:25	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284311
Prep Date.....:	10/10/00	**Analysis Date..:**	10/23/00		
Prep Batch #...:	0284522	**Analysis Time..:**	23:26		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	83	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-102-5

GC Volatiles

Lot-Sample #...:	E0J090227-009	Work Order #...:	DLTCN103	Matrix.....:	SOLID
Date Sampled...:	10/09/00 10:25	Date Received..:	10/09/00 17:30	MS Run #.....:	0292177
Prep Date.....:	10/12/00	Analysis Date..:	10/12/00		
Prep Batch #...:	0292380	Analysis Time..:	22:16		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.16 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	90	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-102-5

GC/MS Volatiles

Lot-Sample #...:	E0J090227-009	**Work Order #...:**	DLTCN101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 10:25	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0298211
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0298395	**Analysis Time..:**	04:21		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-102-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-009 Work Order #...: DLTCN101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	91	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-103-5

GC Semivolatiles

Lot-Sample #...:	E0J090227-010	**Work Order #...:**	DLTCP102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 10:50	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284311
Prep Date.....:	10/10/00	**Analysis Date..:**	10/24/00		
Prep Batch #...:	0284522	**Analysis Time..:**	00:05		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	**6.1 J**	**10**	**mg/kg**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	91	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-103-5

GC Volatiles

Lot-Sample #...:	E0J090227-010	Work Order #...:	DLTCP103	Matrix.....:	SOLID
Date Sampled...:	10/09/00 10:50	Date Received..:	10/09/00 17:30	MS Run #.....:	0292177
Prep Date.....:	10/12/00	Analysis Date..:	10/12/00		
Prep Batch #...:	0292380	Analysis Time..:	22:45		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.20 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	87	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-103-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-010 **Work Order #...:** DLTCP101 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 10:50 **Date Received..:** 10/09/00 17:30 **MS Run #.....:** 0298211
Prep Date.....: 10/21/00 **Analysis Date..:** 10/21/00
Prep Batch #...: 0298395 **Analysis Time..:** 04:52
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	**1.4 J**	**5.0**	**ug/kg**	**1.0**
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-103-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-010 Work Order #...: DLTCP101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	**4.0 J**	**5.0**	**ug/kg**	**2.0**
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	93	(70 - 130)
1,2-Dichloroethane-d4	84	(60 - 140)
Toluene-d8	94	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-103-10

GC Semivolatiles

Lot-Sample #...:	E0J090227-011	**Work Order #...:**	DLTCQ102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 11:00	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284311
Prep Date.....:	10/10/00	**Analysis Date..:**	10/24/00		
Prep Batch #...:	0284522	**Analysis Time..:**	00:44		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	111	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-103-10

GC Volatiles

Lot-Sample #...:	E0J090227-011	Work Order #...:	DLTCQ103	Matrix.....:	SOLID
Date Sampled...:	10/09/00 11:00	Date Received..:	10/09/00 17:30	MS Run #.....:	0292177
Prep Date.....:	10/12/00	Analysis Date..:	10/13/00		
Prep Batch #...:	0292380	Analysis Time..:	00:10		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.17 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	94	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-103-10

GC/MS Volatiles

Lot-Sample #...:	E0J090227-011	**Work Order #...:**	DLTCQ101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 11:00	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0298211
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0298395	**Analysis Time..:**	05:24		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**15 J,B**	**25**	**ug/kg**	**15**
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-103-10

GC/MS Volatiles

Lot-Sample #...: E0J090227-011 Work Order #...: DLTCQ101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	90	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-105-5

GC Semivolatiles

Lot-Sample #...:	E0J090227-012	**Work Order #...:**	DLTCR102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 11:10	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284312
Prep Date.....:	10/10/00	**Analysis Date..:**	10/24/00		
Prep Batch #...:	0284524	**Analysis Time..:**	16:52		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	115	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-105-5

GC Volatiles

Lot-Sample #...:	E0J090227-012	**Work Order #...:**	DLTCR103	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 11:10	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0292213
Prep Date.....:	10/16/00	**Analysis Date..:**	10/16/00		
Prep Batch #...:	0292446	**Analysis Time..:**	17:35		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.17 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	90	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-105-5

GC/MS Volatiles

Lot-Sample #...:	E0J090227-012	**Work Order #...:**	DLTCR101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 11:10	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0298211
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0298395	**Analysis Time..:**	05:56		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-105-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-012 Work Order #...: DLTCR101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	92	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-106-1

GC Semivolatiles

Lot-Sample #...:	E0J090227-013	**Work Order #...:**	DLTCT102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 11:20	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284312
Prep Date.....:	10/10/00	**Analysis Date..:**	10/24/00		
Prep Batch #...:	0284524	**Analysis Time..:**	18:50		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	110	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-106-1

GC Volatiles

Lot-Sample #...:	E0J090227-013	**Work Order #...:**	DLTCT103	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 11:20	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0292177
Prep Date.....:	10/12/00	**Analysis Date..:**	10/13/00		
Prep Batch #...:	0292380	**Analysis Time..:**	01:07		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.16 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	90	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-106-1

GC/MS Volatiles

Lot-Sample #...:	E0J090227-013	**Work Order #...:**	DLTCT101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 11:20	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0298211
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0298395	**Analysis Time..:**	06:27		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-106-1

GC/MS Volatiles

Lot-Sample #...: E0J090227-013 Work Order #...: DLTCT101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
Toluene-d8	92	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-106-5

GC Semivolatiles

Lot-Sample #...:	E0J090227-014	**Work Order #...:**	DLTCW102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 11:30	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284312
Prep Date.....:	10/10/00	**Analysis Date..:**	10/24/00		
Prep Batch #...:	0284524	**Analysis Time..:**	19:28		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	115	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-106-5

GC Volatiles

Lot-Sample #...:	E0J090227-014	Work Order #...:	DLTCW103	Matrix.....:	SOLID
Date Sampled...:	10/09/00 11:30	Date Received..:	10/09/00 17:30	MS Run #.....:	0292177
Prep Date.....:	10/12/00	Analysis Date..:	10/13/00		
Prep Batch #...:	0292380	Analysis Time..:	01:36		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.17 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	83	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-106-5

GC/MS Volatiles

Lot-Sample #...:	E0J090227-014	**Work Order #...:**	DLTCW101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 11:30	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0298211
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0298395	**Analysis Time..:**	06:59		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-106-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-014 Work Order #...: DLTCW101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	86	(60 - 140)
Toluene-d8	91	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-107-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-015 **Work Order #...:** DLTCX101 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 12:50 **Date Received..:** 10/09/00 17:30 **MS Run #.....:** 0298211
Prep Date.....: 10/21/00 **Analysis Date..:** 10/21/00
Prep Batch #...: 0298395 **Analysis Time..:** 07:31
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-107-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-015 Work Order #...: DLTCX101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-107-10

GC/MS Volatiles

Lot-Sample #...: E0J090227-016 **Work Order #...:** DLTD0101 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 12:55 **Date Received..:** 10/09/00 17:30 **MS Run #.....:** 0298211
Prep Date.....: 10/21/00 **Analysis Date..:** 10/21/00
Prep Batch #...: 0298395 **Analysis Time..:** 08:02
Dilution Factor: 1
% Moisture.....: **Analyst ID.....:** 004648 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-107-10

GC/MS Volatiles

Lot-Sample #...: E0J090227-016 **Work Order #...:** DLTD0101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	93	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-108-5

GC/MS Volatiles

Lot-Sample #...:	E0J090227-017	**Work Order #...:**	DLTD1101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 13:10	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0298211
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0298395	**Analysis Time..:**	08:34		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-108-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-017 Work Order #...: DLTD1101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	90	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-108-10

GC/MS Volatiles

Lot-Sample #...:	E0J090227-018	**Work Order #...:**	DLTD3101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 13:15	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0299207
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0299460	**Analysis Time..:**	15:19		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-108-10

GC/MS Volatiles

Lot-Sample #...: E0J090227-018 **Work Order #...:** DLTD3101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(70 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
Toluene-d8	91	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-109-5

GC Semivolatiles

Lot-Sample #...:	E0J090227-019	**Work Order #...:**	DLTD5102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 13:30	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284312
Prep Date.....:	10/10/00	**Analysis Date..:**	10/24/00		
Prep Batch #...:	0284524	**Analysis Time..:**	20:07		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	97	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-109-5

GC Volatiles

Lot-Sample #...:	E0J090227-019	**Work Order #...:**	DLTD5103	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 13:30	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0292177
Prep Date.....:	10/12/00	**Analysis Date..:**	10/13/00		
Prep Batch #...:	0292380	**Analysis Time..:**	02:04		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.18 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	92	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-109-5

GC/MS Volatiles

Lot-Sample #...:	E0J090227-019	**Work Order #...:**	DLTD5101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 13:30	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0299207
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0299460	**Analysis Time..:**	15:51		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-109-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-019 **Work Order #...:** DLTD5101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
Toluene-d8	92	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-109-10

GC/MS Volatiles

Lot-Sample #...:	E0J090227-020	**Work Order #...:**	DLTD6101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 13:35	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0299207
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0299460	**Analysis Time..:**	17:36		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-109-10

GC/MS Volatiles

Lot-Sample #...: E0J090227-020 Work Order #...: DLTD6101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-110-1

GC Semivolatiles

Lot-Sample #...:	E0J090227-021	**Work Order #...:**	DLTD7102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 13:50	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284312
Prep Date.....:	10/10/00	**Analysis Date..:**	10/24/00		
Prep Batch #...:	0284524	**Analysis Time..:**	20:46		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	**6.0 J**	**10**	**mg/kg**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	107	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-110-1

GC Volatiles

Lot-Sample #...:	E0J090227-021	**Work Order #...:**	DLTD7103	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 13:50	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0292213
Prep Date.....:	10/16/00	**Analysis Date..:**	10/16/00		
Prep Batch #...:	0292446	**Analysis Time..:**	18:03		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.17 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	82	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-110-1

GC/MS Volatiles

Lot-Sample #...: E0J090227-021 Work Order #...: DLTD7101 Matrix.....: SOLID
Date Sampled...: 10/09/00 13:50 Date Received..: 10/09/00 17:30 MS Run #.....: 0299207
Prep Date.....: 10/21/00 Analysis Date..: 10/21/00
Prep Batch #...: 0299460 Analysis Time..: 18:07
Dilution Factor: 1
% Moisture.....: Analyst ID.....: 004648 Instrument ID..: MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-110-1

GC/MS Volatiles

Lot-Sample #...: E0J090227-021 Work Order #...: DLTD7101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	86	(60 - 140)
Toluene-d8	92	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-110-5

GC Semivolatiles

Lot-Sample #...:	E0J090227-022	**Work Order #...:**	DLTD9102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 13:55	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284312
Prep Date.....:	10/10/00	**Analysis Date..:**	10/24/00		
Prep Batch #...:	0284524	**Analysis Time..:**	21:25		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	96	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-110-5

GC Volatiles

Lot-Sample #...:	E0J090227-022	**Work Order #...:**	DLTD9103	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 13:55	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0292177
Prep Date.....:	10/12/00	**Analysis Date..:**	10/13/00		
Prep Batch #...:	0292380	**Analysis Time..:**	03:01		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.15 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	94	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-110-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-022 Work Order #...: DLTD9101 Matrix.....: SOLID
Date Sampled...: 10/09/00 13:55 Date Received..: 10/09/00 17:30 MS Run #.....: 0299207
Prep Date.....: 10/21/00 Analysis Date..: 10/21/00
Prep Batch #...: 0299460 Analysis Time..: 18:39
Dilution Factor: 1
% Moisture.....: Analyst ID.....: 004648 Instrument ID..: MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-110-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-022 Work Order #...: DLTD9101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	86	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-111-5

GC Semivolatiles

Lot-Sample #...:	E0J090227-023	**Work Order #...:**	DLTDC102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 14:00	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284312
Prep Date.....:	10/10/00	**Analysis Date..:**	10/24/00		
Prep Batch #...:	0284524	**Analysis Time..:**	23:22		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	94	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-111-5

GC Volatiles

Lot-Sample #...:	E0J090227-023	**Work Order #...:**	DLTDC103	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 14:00	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0292213
Prep Date.....:	10/16/00	**Analysis Date..:**	10/16/00		
Prep Batch #...:	0292446	**Analysis Time..:**	18:32		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.18 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	84	(60 - 130)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-111-5

GC/MS Volatiles

Lot-Sample #...:	E0J090227-023	**Work Order #...:**	DLTDC101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 14:00	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0299207
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0299460	**Analysis Time..:**	19:11		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-111-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-023 Work Order #...: DLTDC101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	86	(60 - 140)
Toluene-d8	91	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-111-10

GC/MS Volatiles

Lot-Sample #...:	E0J090227-024	**Work Order #...:**	DLTDD101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 14:05	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0299207
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0299460	**Analysis Time..:**	19:43		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-111-10

GC/MS Volatiles

Lot-Sample #...: E0J090227-024 **Work Order #...:** DLTDD101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-112-5

GC Semivolatiles

Lot-Sample #...:	E0J090227-025	**Work Order #...:**	DLTDE102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 14:50	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284312
Prep Date.....:	10/10/00	**Analysis Date..:**	10/25/00		
Prep Batch #...:	0284524	**Analysis Time..:**	00:01		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	98	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-112-5

GC Volatiles

Lot-Sample #...:	E0J090227-025	Work Order #...:	DLTDE103	Matrix.....:	SOLID
Date Sampled...:	10/09/00 14:50	Date Received..:	10/09/00 17:30	MS Run #.....:	0292177
Prep Date.....:	10/12/00	Analysis Date..:	10/13/00		
Prep Batch #...:	0292380	Analysis Time..:	03:58		
Dilution Factor:	1				
% Moisture.....:		Analyst ID.....:	001464	Instrument ID..:	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	0.18 J,B	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	84	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-112-5

GC/MS Volatiles

Lot-Sample #...:	E0J090227-025	**Work Order #...:**	DLTDE101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 14:50	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0299207
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0299460	**Analysis Time..:**	20:15		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-112-5

GC/MS Volatiles

Lot-Sample #...: E0J090227-025 **Work Order #...:** DLTDE101 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-112-10

GC Semivolatiles

Lot-Sample #...:	E0J090227-026	**Work Order #...:**	DLTDF102	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 15:00	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284312
Prep Date.....:	10/10/00	**Analysis Date..:**	10/25/00		
Prep Batch #...:	0284524	**Analysis Time..:**	00:41		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	356074	**Instrument ID..:**	G03
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	95	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-112-10

GC Volatiles

Lot-Sample #...:	E0J090227-026	**Work Order #...:**	DLTDF103	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 15:00	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0292213
Prep Date.....:	10/16/00	**Analysis Date..:**	10/16/00		
Prep Batch #...:	0292446	**Analysis Time..:**	19:00		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	001464	**Instrument ID..:**	G15
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	**0.17 J,B**	**1.0**	**mg/kg**	**0.10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	89	(60 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-112-10

GC/MS Volatiles

Lot-Sample #...:	E0J090227-026	**Work Order #...:**	DLTDF101	**Matrix.....:**	SOLID
Date Sampled...:	10/09/00 15:00	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0299207
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0299460	**Analysis Time..:**	20:46		
Dilution Factor:	1				
% Moisture.....:		**Analyst ID.....:**	004648	**Instrument ID..:**	MSD
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Acrylonitrile	ND	100	ug/kg	30
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	2.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	5.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Isopropyl ether	ND	10	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
t-Butanol	ND	100	ug/kg	50

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-112-10

GC/MS Volatiles

Lot-Sample #...: E0J090227-026 Work Order #...: DLTDF101 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Tert-amyl methyl ether	ND	10	ug/kg	2.0
Tert-butyl ethyl ether	ND	10	ug/kg	1.0
Acrolein	ND	100	ug/kg	30
Iodomethane	ND	10	ug/kg	5.0
Vinyl acetate	ND	10	ug/kg	5.0
Tetrahydrofuran	ND	20	ug/kg	10
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(70 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	91	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: c-2-10/9 Rinseate

GC/MS Volatiles

Lot-Sample #...:	E0J090227-027	**Work Order #...:**	DLTDK101	**Matrix.....:**	WATER
Date Sampled...:	10/09/00	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0290179
Prep Date.....:	10/13/00	**Analysis Date..:**	10/13/00		
Prep Batch #...:	0290625	**Analysis Time..:**	23:40		
Dilution Factor:	1				
Analyst ID.....:	015590	**Instrument ID..:**	MSC		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**7.5 J**	**10**	**ug/L**	**3.0**
Benzene	ND	1.0	ug/L	0.30
Bromobenzene	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.30
Bromoform	ND	1.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
2-Butanone	ND	5.0	ug/L	3.0
n-Butylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
Carbon disulfide	ND	1.0	ug/L	0.30
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.30
Bromodichloromethane	ND	1.0	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.20
Chloromethane	ND	2.0	ug/L	0.30
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.60
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Isopropyl ether	ND	2.0	ug/L	0.50
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
1,3-Dichlorobenzene	ND	1.0	ug/L	0.20
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
Dichlorodifluoromethane	ND	2.0	ug/L	0.40
1,1-Dichloroethane	ND	1.0	ug/L	0.20
1,2-Dichloroethane	ND	1.0	ug/L	0.20
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.20
2,2-Dichloropropane	ND	1.0	ug/L	0.30
t-Butanol	ND	25	ug/L	6.0
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Tert-amyl methyl ether	ND	2.0	ug/L	0.50
Tert-butyl ethyl ether	ND	2.0	ug/L	0.50

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: c-2-10/9 Rinseate

GC/MS Volatiles

Lot-Sample #...: E0J090227-027 Work Order #...: DLTDK101 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Ethylbenzene	ND	1.0	ug/L	0.20
Hexachlorobutadiene	ND	1.0	ug/L	0.30
2-Hexanone	ND	5.0	ug/L	2.0
Isopropylbenzene	ND	1.0	ug/L	0.20
p-Isopropyltoluene	ND	1.0	ug/L	0.20
Methylene chloride	ND	1.0	ug/L	0.20
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Methyl tert-butyl ether	**1.6**	**1.0**	**ug/L**	**0.50**
n-Propylbenzene	ND	1.0	ug/L	0.40
Styrene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Tetrachloroethene	ND	1.0	ug/L	0.70
Toluene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.30
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
Trichloroethene	ND	1.0	ug/L	0.30
Trichlorofluoromethane	ND	2.0	ug/L	0.20
1,2,3-Trichloropropane	ND	1.0	ug/L	0.30
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.20
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
Vinyl chloride	ND	2.0	ug/L	0.30
Xylenes (total)	ND	1.0	ug/L	0.50
Acrolein	ND	20	ug/L	12
Iodomethane	ND	5.0	ug/L	1.0
Acrylonitrile	ND	20	ug/L	10
Vinyl acetate	ND	5.0	ug/L	1.0
Tetrahydrofuran	ND	10	ug/L	2.0
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	103	(75 - 120)
1,2-Dichloroethane-d4	98	(65 - 130)
Toluene-d8	99	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

C-2-99-5

GC/MS Volatiles

Lot-Sample #: E0J090227-001 **Work Order #:** DLTCA101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-99-10

GC/MS Volatiles

Lot-Sample #: E0J090227-002 **Work Order #:** DLTCE101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-99-15

GC/MS Volatiles

Lot-Sample #: E0J090227-003 **Work Order #:** DLTCF101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-100-5

GC/MS Volatiles

Lot-Sample #: E0J090227-004 **Work Order #:** DLTCG101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-100-10

GC/MS Volatiles

Lot-Sample #: E0J090227-005 **Work Order #:** DLTCH101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-100-15

GC/MS Volatiles

Lot-Sample #: E0J090227-006 **Work Order #:** DLTCK101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-101-1

GC/MS Volatiles

Lot-Sample #: E0J090227-007 **Work Order #:** DLTCL101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-101-5

GC/MS Volatiles

Lot-Sample #: E0J090227-008 **Work Order #:** DLTCM101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-102-5

GC/MS Volatiles

Lot-Sample #: E0J090227-009 **Work Order #:** DLTCN101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-103-5

GC/MS Volatiles

Lot-Sample #: E0J090227-010 **Work Order #:** DLTCP101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-103-10

GC/MS Volatiles

Lot-Sample #: E0J090227-011 **Work Order #:** DLTCQ101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-105-5

GC/MS Volatiles

Lot-Sample #: E0J090227-012 **Work Order #:** DLTCR101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-106-1

GC/MS Volatiles

Lot-Sample #: E0J090227-013 **Work Order #:** DLTCT101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-106-5

GC/MS Volatiles

Lot-Sample #: E0J090227-014 **Work Order #:** DLTCW101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-107-5

GC/MS Volatiles

Lot-Sample #: E0J090227-015 **Work Order #:** DLTCX101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-107-10

GC/MS Volatiles

Lot-Sample #: E0J090227-016 **Work Order #:** DLTD0101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-108-5

GC/MS Volatiles

Lot-Sample #: E0J090227-017 **Work Order #:** DLTD1101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-108-10

GC/MS Volatiles

Lot-Sample #: E0J090227-018 **Work Order #:** DLTD3101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-109-5

GC/MS Volatiles

Lot-Sample #: E0J090227-019 **Work Order #:** DLTD5101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-109-10

GC/MS Volatiles

Lot-Sample #: E0J090227-020 **Work Order #:** DLTD6101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-110-1

GC/MS Volatiles

Lot-Sample #: E0J090227-021 **Work Order #:** DLTD7101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-110-5

GC/MS Volatiles

Lot-Sample #: E0J090227-022 **Work Order #:** DLTD9101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-111-5

GC/MS Volatiles

Lot-Sample #: E0J090227-023 **Work Order #:** DLTDC101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-111-10

GC/MS Volatiles

Lot-Sample #: E0J090227-024 **Work Order #:** DLTDD101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-112-5

GC/MS Volatiles

Lot-Sample #: E0J090227-025 **Work Order #:** DLTDE101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

C-2-112-10

GC/MS Volatiles

Lot-Sample #: E0J090227-026 **Work Order #:** DLTDF101 **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

c-2-10/9 Rinseate

GC/MS Volatiles

Lot-Sample #: E0J090227-027 **Work Order #:** DLTDK101 **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
-----		-- M		ug/L

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-5

TOTAL Metals

Lot-Sample #...: E0J090227-001 Matrix.....: SOLID
Date Sampled...: 10/09/00 08:20 Date Received..: 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**8270**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCA104**
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**1.3**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCA105**
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCA106
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**70.1**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCA107**
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCA108
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**10.9**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCA109**
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.30 B**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCA10A**
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**2.5**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCA10C**
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCA10D
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-5

TOTAL Metals

Lot-Sample #...: E0J090227-001 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCA10E
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	5.4	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCA10F
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	9.0	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTCA10G
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.35 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCA10H
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	6.8	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCA10J
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	0.63 B	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCA10K
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	22.6	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCA10L
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	21.7	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCA10M
		Dilution Factor: 1		Analysis Time..: 04:22	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	

Prep Batch #...: 0285279

Mercury	ND	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTCA10N
		Dilution Factor: 1		Analysis Time..: 15:41	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-10

TOTAL Metals

Lot-Sample #...: E0J090227-002 Matrix.....: SOLID
Date Sampled...: 10/09/00 08:30 Date Received..: 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**22300**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCE104**
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**3.6**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCE105**
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCE106
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**135**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCE107**
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCE108
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**24.1**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCE109**
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.70**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCE10A**
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**5.1**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCE10C**
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCE10D
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-10

TOTAL Metals

Lot-Sample #...: E0J090227-002 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCE10E
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	10.6	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCE10F
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	20.2	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTCE10G
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.63 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCE10H
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	18.5	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCE10J
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	0.94 B	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCE10K
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	55.0	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCE10L
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	59.5	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCE10M
		Dilution Factor: 1		Analysis Time..: 05:10	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	
Prep Batch #...: 0285279						
Mercury	0.023 B	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTCE10N
		Dilution Factor: 1		Analysis Time..: 15:46	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-15

TOTAL Metals

Lot-Sample #...: E0J090227-003 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 08:35 **Date Received..:** 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**20200**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCF104**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**4.1**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCF105**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCF106
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**122**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCF107**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCF108
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**24.8**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCF109**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.60**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCF10A**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**4.6**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCF10C**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCF10D
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-99-15

TOTAL Metals

Lot-Sample #...: E0J090227-003 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCF10E
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	10.9	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCF10F
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	23.4	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTCF10G
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.79 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCF10H
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	18.8	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCF10J
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	0.82 B	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCF10K
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	52.4	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCF10L
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	56.5	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCF10M
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	

Prep Batch #...: 0285279

Mercury	0.056 B	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTCF10N
		Dilution Factor: 1		Analysis Time..: 15:48	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-5

TOTAL Metals

Lot-Sample #...: E0J090227-004 Matrix.....: SOLID
Date Sampled...: 10/09/00 09:10 Date Received..: 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**29200**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCG104**
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**4.6**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCG105**
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCG106
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**151**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCG107**
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCG108
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**33.4**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCG109**
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.86**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCG10A**
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**5.1**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCG10C**
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCG10D
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-5

TOTAL Metals

Lot-Sample #...: E0J090227-004 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCG10E
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	10.9	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCG10F
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	20.3	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTCG10G
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.87 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCG10H
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	22.9	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCG10J
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	1.1	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCG10K
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	64.4	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCG10L
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	64.1	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCG10M
		Dilution Factor: 1		Analysis Time..: 05:26	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	
Prep Batch #...: 0285279						
Mercury	0.040 B	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTCG10N
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-10

TOTAL Metals

Lot-Sample #...: E0J090227-005 Matrix.....: SOLID
Date Sampled...: 10/09/00 09:15 Date Received..: 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**22900**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCH104**
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**3.8**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCH105**
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCH106
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**102**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCH107**
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCH108
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**26.4**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCH109**
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.64**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCH10A**
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**5.1**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCH10C**
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCH10D
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-10

TOTAL Metals

Lot-Sample #...: E0J090227-005 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCH10E
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	**10.5**	**5.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCH10F**
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	**23.6**	**2.5**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCH10G**
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	**0.50 B**	**4.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCH10H**
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	**17.8**	**4.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCH10J**
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCH10K
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	**55.5**	**5.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCH10L**
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	**59.3**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCH10M**
		Dilution Factor: 1		Analysis Time..: 05:35	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	

Prep Batch #...: 0285279

Mercury	**0.068 B**	**0.10**	**mg/kg**	**SW846 7471A**	**10/11-10/13/00**	**DLTCH10N**
		Dilution Factor: 1		Analysis Time..: 15:52	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-15

TOTAL Metals

Lot-Sample #...: E0J090227-006 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 09:30 **Date Received..:** 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**22000**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCK104**
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**4.4**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCK105**
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCK106
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**118**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCK107**
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	**0.12 B**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCK108**
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**28.6**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCK109**
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.63**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCK10A**
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**4.7**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCK10C**
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCK10D
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-100-15

TOTAL Metals

Lot-Sample #...: E0J090227-006 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCK10E
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	11.3	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCK10F
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	26.1	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTCK10G
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.69 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCK10H
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	18.8	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCK10J
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	0.58 B	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCK10K
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	56.9	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCK10L
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	65.3	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCK10M
		Dilution Factor: 1		Analysis Time..: 05:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	
Prep Batch #...: 0285279						
Mercury	0.034 B	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTCK10N
		Dilution Factor: 1		Analysis Time..: 15:57	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-101-1

TOTAL Metals

Lot-Sample #...: E0J090227-007 Matrix.....: SOLID
Date Sampled...: 10/09/00 09:40 Date Received..: 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**30500**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCL104**
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**3.4**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCL105**
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCL106
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**177**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCL107**
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCL108
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**36.8**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCL109**
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**1.1**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCL10A**
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**5.6**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCL10C**
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCL10D
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-101-1

TOTAL Metals

Lot-Sample #...: E0J090227-007 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCL10E
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	**11.1**	**5.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCL10F**
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	**17.5**	**2.5**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCL10G**
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	ND	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCL10H
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	**21.8**	**4.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCL10J**
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	**1.1**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCL10K**
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	**64.0**	**5.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCL10L**
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	**62.2**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCL10M**
		Dilution Factor: 1		Analysis Time..: 05:49	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	

Prep Batch #...: 0285279

Mercury	**0.048 B**	**0.10**	**mg/kg**	**SW846 7471A**	**10/11-10/13/00**	**DLTCL10N**
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-101-5

TOTAL Metals

Lot-Sample #...: E0J090227-008 Matrix.....: SOLID
Date Sampled...: 10/09/00 09:45 Date Received..: 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**23300**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCM104**
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**3.8**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCM105**
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCM106
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**138**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCM107**
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCM108
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**26.9**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCM109**
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.73**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCM10A**
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**6.6**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCM10C**
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCM10D
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-101-5

TOTAL Metals

Lot-Sample #...: E0J090227-008 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCM10E
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	11.3	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCM10F
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	21.2	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTCM10G
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.63 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCM10H
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	20.4	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCM10J
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	0.92 B	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCM10K
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	54.9	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCM10L
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	61.4	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCM10M
		Dilution Factor: 1		Analysis Time..: 05:57	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	
Prep Batch #...: 0285279						
Mercury	0.10	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTCM10N
		Dilution Factor: 1		Analysis Time..: 16:01	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-102-5

TOTAL Metals

Lot-Sample #...: E0J090227-009 Matrix.....: SOLID
Date Sampled...: 10/09/00 10:25 Date Received..: 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**23000**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCN104**
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**3.7**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCN105**
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCN106
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**166**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCN107**
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCN108
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**26.3**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCN109**
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.69**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCN10A**
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**5.4**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCN10C**
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCN10D
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-102-5

TOTAL Metals

Lot-Sample #...: E0J090227-009 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCN10E
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	11.2	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCN10F
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	21.8	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTCN10G
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.85 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCN10H
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	20.5	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCN10J
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	1.1	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCN10K
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	53.3	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCN10L
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	61.3	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCN10M
		Dilution Factor: 1		Analysis Time..: 06:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	
Prep Batch #...: 0285279						
Mercury	0.031 B	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTCN10N
		Dilution Factor: 1		Analysis Time..: 16:02	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-103-5

TOTAL Metals

Lot-Sample #...: E0J090227-010 Matrix.....: SOLID
Date Sampled...: 10/09/00 10:50 Date Received..: 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**25700**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCP104**
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**7.6**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCP105**
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCP106
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**125**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCP107**
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCP108
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**29.8**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCP109**
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.82**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCP10A**
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**10.9**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCP10C**
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCP10D
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-103-5

TOTAL Metals

Lot-Sample #...: E0J090227-010 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCP10E
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	13.1	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCP10F
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	19.6	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTCP10G
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.66 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCP10H
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	18.9	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCP10J
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	1.1	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCP10K
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	58.0	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCP10L
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	61.0	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCP10M
		Dilution Factor: 1		Analysis Time..: 06:13	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	
Prep Batch #...: 0285279						
Mercury	0.059 B	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTCP10N
		Dilution Factor: 1		Analysis Time..: 16:04	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-103-10

TOTAL Metals

Lot-Sample #...: E0J090227-011 Matrix.....: SOLID
Date Sampled...: 10/09/00 11:00 Date Received..: 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**23600**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCQ104**
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**4.0**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCQ105**
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCQ106
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**181**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCQ107**
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCQ108
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**29.1**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCQ109**
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.70**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCQ10A**
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**5.8**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCQ10C**
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCQ10D
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-103-10

TOTAL Metals

Lot-Sample #...: E0J090227-011 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCQ10E
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	12.4	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCQ10F
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	31.0	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTCQ10G
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.69 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCQ10H
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	22.1	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCQ10J
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	0.59 B	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCQ10K
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	58.2	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCQ10L
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	71.0	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCQ10M
		Dilution Factor: 1		Analysis Time..: 06:21	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	

Prep Batch #...: 0285279

Mercury	ND	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTCQ10N
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-105-5

TOTAL Metals

Lot-Sample #...: E0J090227-012 Matrix.....: SOLID
Date Sampled...: 10/09/00 11:10 Date Received..: 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**19200**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCR104**
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**3.2**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCR105**
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCR106
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**114**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCR107**
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCR108
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**21.2**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCR109**
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.59**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCR10A**
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**5.6**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCR10C**
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCR10D
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-105-5

TOTAL Metals

Lot-Sample #...: E0J090227-012 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCR10E
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	13.2	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCR10F
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	19.2	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTCR10G
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.91 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCR10H
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	14.2	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCR10J
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	0.82 B	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCR10K
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	41.8	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCR10L
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	53.2	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCR10M
		Dilution Factor: 1		Analysis Time..: 06:43	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	

Prep Batch #...: 0285279

Mercury	ND	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTCR10N
		Dilution Factor: 1		Analysis Time..: 16:08	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-106-1

TOTAL Metals

Lot-Sample #...: E0J090227-013 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 11:20 **Date Received..:** 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**26600**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCT104**
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**2.7**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCT105**
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCT106
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**145**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCT107**
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCT108
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**20.9**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCT109**
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.68**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCT10A**
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**5.3**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCT10C**
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	**0.53**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCT10D**
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-106-1

TOTAL Metals

Lot-Sample #...: E0J090227-013 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCT10E
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	18.1	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCT10F
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	16.9	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTCT10G
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.59 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCT10H
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	15.2	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCT10J
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCT10K
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	47.0	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCT10L
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	48.9	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCT10M
		Dilution Factor: 1		Analysis Time..: 06:51	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	

Prep Batch #...: 0285279

Mercury	0.024 B	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTCT10N
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-106-5

TOTAL Metals

Lot-Sample #...: E0J090227-014 Matrix.....: SOLID
Date Sampled...: 10/09/00 11:30 Date Received..: 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**29700**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCW104**
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**4.1**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCW105**
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCW106
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**165**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCW107**
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCW108
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**31.5**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCW109**
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.90**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCW10A**
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**6.8**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCW10C**
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCW10D
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-106-5

TOTAL Metals

Lot-Sample #...: E0J090227-014 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCW10E
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	14.8	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCW10F
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	27.0	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTCW10G
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.80 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCW10H
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	30.0	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCW10J
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	1.2	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCW10K
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	64.2	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCW10L
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	74.3	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCW10M
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	
Prep Batch #...: 0285279						
Mercury	0.036 B	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTCW10N
		Dilution Factor: 1		Analysis Time..: 16:12	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-107-5

TOTAL Metals

Lot-Sample #...: E0J090227-015 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 12:50 **Date Received..:** 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Arsenic	**3.2**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCX105**
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Aluminum	**25800**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCX104**
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCX106
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**122**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCX107**
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCX108
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**24.2**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCX109**
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.74**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCX10A**
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**5.4**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTCX10C**
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTCX10D
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-107-5

TOTAL Metals

Lot-Sample #...: E0J090227-015 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCX10E
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	11.5	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCX10F
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	19.2	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTCX10G
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.37 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCX10H
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	14.8	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCX10J
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	1.2	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCX10K
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	53.1	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCX10L
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	52.9	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTCX10M
		Dilution Factor: 1		Analysis Time..: 07:05	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	

Prep Batch #...: 0285279

Mercury	0.044 B	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTCX10N
		Dilution Factor: 1		Analysis Time..: 16:18	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-108-5

TOTAL Metals

Lot-Sample #...: E0J090227-017 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 13:10 **Date Received..:** 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**27500**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD1102**
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**3.0**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD1103**
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD1104
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**184**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD1105**
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTD1106
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**27.4**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD1107**
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.80**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD1108**
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**6.0**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD1109**
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTD110A
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-108-5

TOTAL Metals

Lot-Sample #...: E0J090227-017 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD110C
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	12.9	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD110D
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	17.3	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTD110E
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.54 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD110F
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	16.8	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD110G
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	0.91 B	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD110H
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	57.9	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD110J
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	56.0	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD110K
		Dilution Factor: 1		Analysis Time..: 07:15	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	

Prep Batch #...: 0285279

Mercury	0.046 B	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTD110L
		Dilution Factor: 1		Analysis Time..: 16:20	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-109-5

TOTAL Metals

Lot-Sample #...: E0J090227-019 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 13:30 **Date Received..:** 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**37200**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD5104**
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**9.1**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD5105**
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD5106
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**407**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD5107**
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTD5108
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**30.6**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD5109**
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**1.1**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD510A**
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**8.6**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD510C**
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTD510D
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-109-5

TOTAL Metals

Lot-Sample #...: E0J090227-019 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD510E
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	33.1	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD510F
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	21.6	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTD510G
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	2.2 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD510H
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	18.0	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD510J
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	1.7	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD510K
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	74.7	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD510L
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	68.1	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD510M
		Dilution Factor: 1		Analysis Time..: 07:23	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	

Prep Batch #...: 0285279

Mercury	ND	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTD510N
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-110-1

TOTAL Metals

Lot-Sample #...: E0J090227-021 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 13:50 **Date Received..:** 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**20600**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD7104**
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**2.6**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD7105**
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD7106
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**110**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD7107**
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTD7108
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**30.4**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD7109**
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.60**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD710A**
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**40.4**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD710C**
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTD710D
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-110-1

TOTAL Metals

Lot-Sample #...: E0J090227-021 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD710E
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	9.8	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD710F
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	17.0	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTD710G
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.36 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD710H
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	13.4	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD710J
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	0.90 B	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD710K
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	45.5	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD710L
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	46.2	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD710M
		Dilution Factor: 1		Analysis Time..: 07:31	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	

Prep Batch #...: 0285279

Mercury	ND	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTD710N
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-110-5

TOTAL Metals

Lot-Sample #...: E0J090227-022 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 13:55 **Date Received..:** 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**23600**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD9104**
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**3.0**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD9105**
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD9106
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**114**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD9107**
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTD9108
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**26.5**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD9109**
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.76**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD910A**
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**6.9**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTD910C**
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTD910D
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-110-5

TOTAL Metals

Lot-Sample #...: E0J090227-022 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD910E
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	12.0	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD910F
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	21.2	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTD910G
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.66 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD910H
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	12.9	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD910J
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD910K
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	47.4	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD910L
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	55.2	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTD910M
		Dilution Factor: 1		Analysis Time..: 07:39	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	

Prep Batch #...: 0285279

Mercury	ND	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTD910N
		Dilution Factor: 1		Analysis Time..: 16:25	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-111-5

TOTAL Metals

Lot-Sample #...: E0J090227-023 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 14:00 **Date Received..:** 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285258						
Aluminum	**18700**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTDC104**
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 8.0	
Arsenic	**2.6**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTDC105**
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTDC106
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.20	
Barium	**102**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTDC107**
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTDC108
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Chromium	**20.9**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTDC109**
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Beryllium	**0.59**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTDC10A**
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.050	
Lead	**4.9**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLTDC10C**
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLTDC10D
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-111-5

TOTAL Metals

Lot-Sample #...: E0J090227-023 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTDC10E
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Cobalt	9.1	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTDC10F
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Copper	16.0	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLTDC10G
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.40	
Molybdenum	0.49 B	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTDC10H
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Nickel	11.9	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTDC10J
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTDC10K
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.50	
Vanadium	43.5	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTDC10L
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 0.10	
Zinc	40.5	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLTDC10M
		Dilution Factor: 1		Analysis Time..: 07:47	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0285085	MDL.....: 1.0	
Prep Batch #...: 0285279						
Mercury	0.040 B	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTDC10N
		Dilution Factor: 1		Analysis Time..: 16:27	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 0285082	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-112-5

TOTAL Metals

Lot-Sample #...: E0J090227-025 Matrix.....: SOLID
Date Sampled...: 10/09/00 14:50 Date Received..: 10/09/00 17:30
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0285268						
Aluminum	**16400**	**20.0**	**mg/kg**	**SW846 6010B**	**10/11-10/12/00**	**DLTDE104**
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 8.0	
Arsenic	**3.1**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/12/00**	**DLTDE105**
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/12/00	DLTDE106
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 0.20	
Barium	**110**	**2.0**	**mg/kg**	**SW846 6010B**	**10/11-10/12/00**	**DLTDE107**
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/12/00	DLTDE108
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 0.050	
Chromium	**23.9**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/12/00**	**DLTDE109**
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 0.10	
Beryllium	**0.48 B**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/12/00**	**DLTDE10A**
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 0.050	
Lead	**4.7**	**0.50**	**mg/kg**	**SW846 6010B**	**10/11-10/12/00**	**DLTDE10C**
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/12/00	DLTDE10D
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-112-5

TOTAL Metals

Lot-Sample #...: E0J090227-025 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/12/00	DLTDE10E
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 0.10	
Cobalt	9.5	5.0	mg/kg	SW846 6010B	10/11-10/12/00	DLTDE10F
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 0.10	
Copper	13.5	2.5	mg/kg	SW846 6010B	10/11-10/12/00	DLTDE10G
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 0.40	
Molybdenum	1.5 B	4.0	mg/kg	SW846 6010B	10/11-10/12/00	DLTDE10H
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 0.30	
Nickel	13.7	4.0	mg/kg	SW846 6010B	10/11-10/12/00	DLTDE10J
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 0.30	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/11-10/12/00	DLTDE10K
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 0.50	
Vanadium	43.0	5.0	mg/kg	SW846 6010B	10/11-10/12/00	DLTDE10L
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 0.10	
Zinc	44.3	2.0	mg/kg	SW846 6010B	10/11-10/12/00	DLTDE10M
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 0031197	
		Instrument ID..: M01		MS Run #.....: 0285087	MDL.....: 1.0	
Prep Batch #...: 0285280						
Mercury	ND	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLTDE10N
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 0210887	
		Instrument ID..: M04		MS Run #.....: 0285083	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

E0J090227

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 8015B		0284522	0284311
	SOLID	SW846 8015B		0292380	0292177
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0298395	0298211
	SOLID	SW846 6010B		0285258	0285085
002	SOLID	SW846 8015B		0284522	0284311
	SOLID	SW846 8015B		0292380	0292177
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0298395	0298211
	SOLID	SW846 6010B		0285258	0285085
003	SOLID	SW846 8015B		0284522	0284311
	SOLID	SW846 8015B		0292380	0292177
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0298395	0298211
	SOLID	SW846 6010B		0285258	0285085
004	SOLID	SW846 8015B		0284522	0284311
	SOLID	SW846 8015B		0292380	0292177
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0298395	0298211
	SOLID	SW846 6010B		0285258	0285085
005	SOLID	SW846 8015B		0284522	0284311
	SOLID	SW846 8015B		0292380	0292177
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0298395	0298211
	SOLID	SW846 6010B		0285258	0285085
006	SOLID	SW846 8015B		0284522	0284311
	SOLID	SW846 8015B		0292446	0292213
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0298395	0298211
	SOLID	SW846 6010B		0285258	0285085
007	SOLID	SW846 8015B		0284522	0284311
	SOLID	SW846 8015B		0292380	0292177
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0299460	0299207
	SOLID	SW846 6010B		0285258	0285085

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QC DATA ASSOCIATION SUMMARY

E0J090227

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
008	SOLID	SW846 8015B		0284522	0284311
	SOLID	SW846 8015B		0292380	0292177
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0298395	0298211
	SOLID	SW846 6010B		0285258	0285085
009	SOLID	SW846 8015B		0284522	0284311
	SOLID	SW846 8015B		0292380	0292177
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0298395	0298211
	SOLID	SW846 6010B		0285258	0285085
010	SOLID	SW846 8015B		0284522	0284311
	SOLID	SW846 8015B		0292380	0292177
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0298395	0298211
	SOLID	SW846 6010B		0285258	0285085
011	SOLID	SW846 8015B		0284522	0284311
	SOLID	SW846 8015B		0292380	0292177
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0298395	0298211
	SOLID	SW846 6010B		0285258	0285085
012	SOLID	SW846 8015B		0284524	0284312
	SOLID	SW846 8015B		0292446	0292213
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0298395	0298211
	SOLID	SW846 6010B		0285258	0285085
013	SOLID	SW846 8015B		0284524	0284312
	SOLID	SW846 8015B		0292380	0292177
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0298395	0298211
	SOLID	SW846 6010B		0285258	0285085
014	SOLID	SW846 8015B		0284524	0284312
	SOLID	SW846 8015B		0292380	0292177
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0298395	0298211
	SOLID	SW846 6010B		0285258	0285085

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QC DATA ASSOCIATION SUMMARY

E0J090227

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
015	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0298395	0298211
	SOLID	SW846 6010B		0285258	0285085
016	SOLID	SW846 8260B		0298395	0298211
017	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0298395	0298211
	SOLID	SW846 6010B		0285258	0285085
018	SOLID	SW846 8260B		0299460	0299207
019	SOLID	SW846 8015B		0284524	0284312
	SOLID	SW846 8015B		0292380	0292177
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0299460	0299207
	SOLID	SW846 6010B		0285258	0285085
020	SOLID	SW846 8260B		0299460	0299207
021	SOLID	SW846 8015B		0284524	0284312
	SOLID	SW846 8015B		0292446	0292213
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0299460	0299207
	SOLID	SW846 6010B		0285258	0285085
022	SOLID	SW846 8015B		0284524	0284312
	SOLID	SW846 8015B		0292380	0292177
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0299460	0299207
	SOLID	SW846 6010B		0285258	0285085
023	SOLID	SW846 8015B		0284524	0284312
	SOLID	SW846 8015B		0292446	0292213
	SOLID	SW846 7471A		0285279	0285082
	SOLID	SW846 8260B		0299460	0299207
	SOLID	SW846 6010B		0285258	0285085
024	SOLID	SW846 8260B		0299460	0299207
025	SOLID	SW846 8015B		0284524	0284312
	SOLID	SW846 8015B		0292380	0292177
	SOLID	SW846 7471A		0285280	0285083
	SOLID	SW846 8260B		0299460	0299207

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QC DATA ASSOCIATION SUMMARY

E0J090227

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
025	SOLID	SW846 6010B		0285268	0285087
026	SOLID	SW846 8015B		0284524	0284312
	SOLID	SW846 8015B		0292446	0292213
	SOLID	SW846 8260B		0299460	0299207
027	WATER	SW846 8260B		0290625	0290179

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E0J160000-625 B **Work Order #:** DM8XT1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
N0ne		-- M		ug/L

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E0J240000-395 B **Work Order #:** DNM1W1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E0J250000-460 B **Work Order #:** DNQPX1AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/kg

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E0J090227
MB Lot-Sample #: E0J100000-524

Work Order #...: DLW5A101
Prep Date.....: 10/10/00
Prep Batch #...: 0284524
Analyst ID.....: 356074

Matrix.....: SOLID
Analysis Time..: 15:34
Instrument ID..: G03

Analysis Date..: 10/24/00
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C8-C9	ND	10	mg/kg	SW846 8015B
C10-C11	ND	10	mg/kg	SW846 8015B
C12-C13	ND	10	mg/kg	SW846 8015B
C14-C15	ND	10	mg/kg	SW846 8015B
C16-C17	ND	10	mg/kg	SW846 8015B
C18-C19	ND	10	mg/kg	SW846 8015B
C20-C23	ND	10	mg/kg	SW846 8015B
C24-C27	ND	10	mg/kg	SW846 8015B
C28-C31	ND	10	mg/kg	SW846 8015B
C32-C35	ND	10	mg/kg	SW846 8015B
C36-C39	ND	10	mg/kg	SW846 8015B
C40+	ND	10	mg/kg	SW846 8015B
Total Carbon Chain Range	ND	10	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	112	(60 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E0J090227
MB Lot-Sample #: E0J100000-522

Analysis Date..: 10/19/00
Dilution Factor: 1

Work Order #...: DLW59101

Prep Date.....: 10/10/00
Prep Batch #...: 0284522

Analyst ID.....: 356074

Matrix.....: SOLID

Analysis Time..: 14:25
Instrument ID..: G03

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C8-C9	ND	10	mg/kg	SW846 8015B
C10-C11	ND	10	mg/kg	SW846 8015B
C12-C13	ND	10	mg/kg	SW846 8015B
C14-C15	ND	10	mg/kg	SW846 8015B
C16-C17	ND	10	mg/kg	SW846 8015B
C18-C19	ND	10	mg/kg	SW846 8015B
C20-C23	ND	10	mg/kg	SW846 8015B
C24-C27	ND	10	mg/kg	SW846 8015B
C28-C31	ND	10	mg/kg	SW846 8015B
C32-C35	ND	10	mg/kg	SW846 8015B
C36-C39	ND	10	mg/kg	SW846 8015B
C40+	ND	10	mg/kg	SW846 8015B
Total Carbon Chain Range	ND	10	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	107	(60 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J090227
MB Lot-Sample #: E0J160000-625
Work Order #...: DM8XT1AA
Matrix.....: WATER
Prep Date.....: 10/13/00
Analysis Time..: 21:02
Analysis Date..: 10/13/00
Prep Batch #...: 0290625
Instrument ID..: MSC
Dilution Factor: 1
Analyst ID.....: 015590

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Isopropyl ether	ND	2.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
t-Butanol	ND	25	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Tert-amyl methyl ether	ND	2.0	ug/L	SW846 8260B
Tert-butyl ethyl ether	ND	2.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J090227 **Work Order #...:** DM8XT1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	2.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Iodomethane	ND	5.0	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(75 - 120)
1,2-Dichloroethane-d4	96	(65 - 130)
Toluene-d8	100	(80 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E0J090227
MB Lot-Sample #: E0J180000-380

Analysis Date..: 10/12/00
Dilution Factor: 1

Work Order #...: DNC381AA

Prep Date.....: 10/12/00
Prep Batch #...: 0292380

Analyst ID.....: 001464

Matrix.....: SOLID

Analysis Time..: 18:00
Instrument ID..: G15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C6-C8	0.17 J	1.0	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	94	(60 - 130)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E0J090227
MB Lot-Sample #: E0J180000-446

Analysis Date..: 10/16/00
Dilution Factor: 1

Work Order #...: DNDPN1AA

Prep Date.....: 10/16/00
Prep Batch #...: 0292446

Analyst ID.....: 001464

Matrix.....: SOLID

Analysis Time..: 16:00
Instrument ID..: G15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C6-C8	**0.18 J**	**1.0**	**mg/kg**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	84	(60 - 130)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J090227
MB Lot-Sample #: E0J240000-395
Analysis Date..: 10/20/00
Dilution Factor: 1

Work Order #...: DNM1W1AA
Prep Date.....: 10/20/00
Prep Batch #...: 0298395
Analyst ID.....: 004648

Matrix.....: SOLID
Analysis Time..: 22:31
Instrument ID..: MSD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	**18 J**	**25**	**ug/kg**	**SW846 8260B**
Acrylonitrile	ND	100	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Isopropyl ether	ND	10	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
t-Butanol	ND	100	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J090227 **Work Order #...:** DNM1W1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Tert-amyl methyl ether	ND	10	ug/kg	SW846 8260B
Tert-butyl ethyl ether	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(70 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
Toluene-d8	89	(70 - 130)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J090227
MB Lot-Sample #: E0J250000-460
Work Order #...: DNQPX1AA
Matrix.....: SOLID
Prep Date.....: 10/21/00
Analysis Time..: 13:12
Analysis Date..: 10/21/00
Prep Batch #...: 0299460
Instrument ID..: MSD
Dilution Factor: 1
Analyst ID.....: 004648

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	25	ug/kg	SW846 8260B
Acrylonitrile	ND	100	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Isopropyl ether	ND	10	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
t-Butanol	ND	100	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0J090227 Work Order #...: DNQPX1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Tert-amyl methyl ether	ND	10	ug/kg	SW846 8260B
Tert-butyl ethyl ether	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	90	(70 - 130)

NOTE(S):

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: E0J110000-279 **Prep Batch #...:** 0285279						
Mercury	ND	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLX1P101
		Dilution Factor: 1				
		Analysis Time..: 15:37		Analyst ID.....: 021088	Instrument ID..: M04	
MB Lot-Sample #: E0J110000-280 **Prep Batch #...:** 0285280						
Mercury	ND	0.10	mg/kg	SW846 7471A	10/11-10/13/00	DLX1T101
		Dilution Factor: 1				
		Analysis Time..: 16:29		Analyst ID.....: 021088	Instrument ID..: M04	
MB Lot-Sample #: E0J110000-258 **Prep Batch #...:** 0285258						
Aluminum	ND	20.0	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C10D
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C10E
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C10F
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	ND	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C10G
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C10H
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	**0.11 B**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/13/00**	**DLX2C10J**
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C101
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C102
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C103
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C104
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C105
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	
Copper	ND	2.5	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C106
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	ND	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C107
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	ND	4.0	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C108
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C109
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	ND	5.0	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C10A
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	ND	2.0	mg/kg	SW846 6010B	10/11-10/13/00	DLX2C10C
		Dilution Factor: 1				
		Analysis Time..: 04:08		Analyst ID.....: 003119	Instrument ID..: M01	

MB Lot-Sample #: E0J110000-268 **Prep Batch #...:** 0285268

Aluminum	ND	20.0	mg/kg	SW846 6010B	10/11-10/12/00	DLX4310D
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Arsenic	ND	1.0	mg/kg	SW846 6010B	10/11-10/12/00	DLX4310E
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	6.0	mg/kg	SW846 6010B	10/11-10/12/00	DLX4310F
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Barium	ND	2.0	mg/kg	SW846 6010B	10/11-10/12/00	DLX4310G
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/11-10/12/00	DLX4310H
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Chromium	**0.13 B**	**1.0**	**mg/kg**	**SW846 6010B**	**10/11-10/12/00**	**DLX4310J**
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Beryllium	ND	0.50	mg/kg	SW846 6010B	10/11-10/12/00	DLX43101
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Lead	ND	0.50	mg/kg	SW846 6010B	10/11-10/12/00	DLX43102
		Dilution Factor: 1				
		Analysis Time..: 10:14		Analyst ID.....: 021088	Instrument ID..: M01	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/11-10/12/00	DLX43103
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Silver	ND	1.0	mg/kg	SW846 6010B	10/11-10/12/00	DLX43104
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B	10/11-10/12/00	DLX43105
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Copper	ND	2.5	mg/kg	SW846 6010B	10/11-10/12/00	DLX43106
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Molybdenum	ND	4.0	mg/kg	SW846 6010B	10/11-10/12/00	DLX43107
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Nickel	ND	4.0	mg/kg	SW846 6010B	10/11-10/12/00	DLX43108
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.0	mg/kg	SW846 6010B	10/11-10/12/00	DLX43109
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Vanadium	ND	5.0	mg/kg	SW846 6010B	10/11-10/12/00	DLX4310A
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Zinc	ND	2.0	mg/kg	SW846 6010B	10/11-10/12/00	DLX4310C
		Dilution Factor: 1				
		Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E0J090227 **Work Order #...:** DLW5A102 **Matrix.....:** SOLID
LCS Lot-Sample#: E0J100000-524
Prep Date.....: 10/10/00 **Analysis Date..:** 10/24/00
Prep Batch #...: 0284524 **Analysis Time..:** 16:13
Dilution Factor: 1 **Instrument ID..:** G03
Analyst ID.....: 356074

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	**250**	**253**	**mg/kg**	**101**	**SW846 8015B**
Diesel Range Organics (C10-C25)	**250**	**253**	**mg/kg**	**101**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	115	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E0J090227 **Work Order #...:** DLW59102 **Matrix.....:** SOLID
LCS Lot-Sample#: E0J100000-522
Prep Date.....: 10/10/00 **Analysis Date..:** 10/19/00
Prep Batch #...: 0284522 **Analysis Time..:** 15:05
Dilution Factor: 1 **Instrument ID..:** G03
Analyst ID.....: 356074

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	**250**	**234**	**mg/kg**	**94**	**SW846 8015B**
Diesel Range Organics (C10-C25)	**250**	**234**	**mg/kg**	**94**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	105	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E0J090227 **Work Order #...:** DM8XT1AC **Matrix.....:** WATER
LCS Lot-Sample#: E0J160000-625
Prep Date.....: 10/13/00 **Analysis Date..:** 10/13/00
Prep Batch #...: 0290625 **Analysis Time..:** 20:31
Dilution Factor: 1 **Instrument ID..:** MSC
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10.0**	**9.15**	**ug/L**	**92**	**SW846 8260B**
1,1-Dichloroethene	**10.0**	**8.45**	**ug/L**	**84**	**SW846 8260B**
Chlorobenzene	**10.0**	**8.94**	**ug/L**	**89**	**SW846 8260B**
Toluene	**10.0**	**9.00**	**ug/L**	**90**	**SW846 8260B**
Trichloroethene	**10.0**	**8.77**	**ug/L**	**88**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	107	(75 - 120)
1,2-Dichloroethane-d4	99	(65 - 130)
Toluene-d8	101	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E0J090227 **Work Order #...:** DNC381AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0J180000-380
Prep Date.....: 10/12/00 **Analysis Date..:** 10/12/00
Prep Batch #...: 0292380 **Analysis Time..:** 17:31
Dilution Factor: 1 **Instrument ID..:** G15
Analyst ID.....: 001464

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**5.00**	**4.96**	**mg/kg**	**99**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	127	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E0J090227 Work Order #...: DNDPN1AC Matrix.....: SOLID
LCS Lot-Sample#: E0J180000-446
Prep Date.....: 10/16/00 Analysis Date..: 10/16/00
Prep Batch #...: 0292446 Analysis Time..: 15:31
Dilution Factor: 1 Instrument ID..: G15
Analyst ID.....: 001464

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**5.00**	**4.47**	**mg/kg**	**89**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	122	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E0J090227 **Work Order #...:** DNM1W1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0J240000-395
Prep Date.....: 10/20/00 **Analysis Date..:** 10/20/00
Prep Batch #...: 0298395 **Analysis Time..:** 21:59
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 004648

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**50.0**	**49.0**	**ug/kg**	**98**	**SW846 8260B**
Chlorobenzene	**50.0**	**50.8**	**ug/kg**	**102**	**SW846 8260B**
1,1-Dichloroethene	**50.0**	**47.9**	**ug/kg**	**96**	**SW846 8260B**
Toluene	**50.0**	**49.8**	**ug/kg**	**100**	**SW846 8260B**
Trichloroethene	**50.0**	**51.9**	**ug/kg**	**104**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	93	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	94	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E0J090227 **Work Order #...:** DNQPX1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0J250000-460
Prep Date.....: 10/21/00 **Analysis Date..:** 10/21/00
Prep Batch #...: 0299460 **Analysis Time..:** 12:41
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 004648

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**50.0**	**46.2**	**ug/kg**	**92**	**SW846 8260B**
Chlorobenzene	**50.0**	**48.0**	**ug/kg**	**96**	**SW846 8260B**
1,1-Dichloroethene	**50.0**	**44.9**	**ug/kg**	**90**	**SW846 8260B**
Toluene	**50.0**	**48.0**	**ug/kg**	**96**	**SW846 8260B**
Trichloroethene	**50.0**	**50.7**	**ug/kg**	**101**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	93	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID

LCS Lot-Sample#: E0J110000-258 **Prep Batch #...:** 0285258

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum	200	175	mg/kg	87	SW846 6010B	10/11-10/13/00	DLX2C10X
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	200	180	mg/kg	90	SW846 6010B	10/11-10/13/00	DLX2C110
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	50.0	45.0	mg/kg	90	SW846 6010B	10/11-10/13/00	DLX2C111
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	200	191	mg/kg	95	SW846 6010B	10/11-10/13/00	DLX2C112
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	5.00	4.98	mg/kg	100	SW846 6010B	10/11-10/13/00	DLX2C113
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	20.0	19.9	mg/kg	99	SW846 6010B	10/11-10/13/00	DLX2C114
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	5.00	4.90	mg/kg	98	SW846 6010B	10/11-10/13/00	DLX2C10K
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	50.0	44.0	mg/kg	88	SW846 6010B	10/11-10/13/00	DLX2C10L
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	200	173	mg/kg	87	SW846 6010B	10/11-10/13/00	DLX2C10M
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	5.00	4.71	mg/kg	94	SW846 6010B	10/11-10/13/00	DLX2C10N
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	50.0	49.0	mg/kg	98	SW846 6010B	10/11-10/13/00	DLX2C10P
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	
Copper	25.0	23.8	mg/kg	95	SW846 6010B	10/11-10/13/00	DLX2C10Q
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	100	91.7	mg/kg	92	SW846 6010B	10/11-10/13/00	DLX2C10R
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	50.0	48.8	mg/kg	98	SW846 6010B	10/11-10/13/00	DLX2C10T
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	200	172	mg/kg	86	SW846 6010B	10/11-10/13/00	DLX2C10U
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	50.0	48.9	mg/kg	98	SW846 6010B	10/11-10/13/00	DLX2C10V
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	50.0	47.9	mg/kg	96	SW846 6010B	10/11-10/13/00	DLX2C10W
			Dilution Factor: 1				
			Analysis Time..: 04:14		Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E0J110000-268 **Prep Batch #...:** 0285268

Aluminum	200	179	mg/kg	90	SW846 6010B	10/11-10/12/00	DLX4310X
			Dilution Factor: 1				
			Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Arsenic	200	183	mg/kg	91	SW846 6010B	10/11-10/12/00	DLX43110
			Dilution Factor: 1				
			Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Antimony	50.0	46.8	mg/kg	94	SW846 6010B	10/11-10/12/00	DLX43111
			Dilution Factor: 1				
			Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Barium	200	196	mg/kg	98	SW846 6010B	10/11-10/12/00	DLX43112
			Dilution Factor: 1				
			Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium	5.00	5.14	mg/kg	103	SW846 6010B	10/11-10/12/00	DLX43113
			Dilution Factor: 1				
			Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Chromium	20.0	20.9	mg/kg	104	SW846 6010B	10/11-10/12/00	DLX43114
			Dilution Factor: 1				
			Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Beryllium	5.00	5.24	mg/kg	105	SW846 6010B	10/11-10/12/00	DLX4310K
			Dilution Factor: 1				
			Analysis Time..: 23:26		Analyst ID.....: 021088	Instrument ID..: M01	
Lead	50.0	48.2	mg/kg	96	SW846 6010B	10/11-10/12/00	DLX4310L
			Dilution Factor: 1				
			Analysis Time..: 10:20		Analyst ID.....: 021088	Instrument ID..: M01	
Selenium	200	172	mg/kg	86	SW846 6010B	10/11-10/12/00	DLX4310M
			Dilution Factor: 1				
			Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Silver	5.00	4.88	mg/kg	98	SW846 6010B	10/11-10/12/00	DLX4310N
			Dilution Factor: 1				
			Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Cobalt	50.0	51.1	mg/kg	102	SW846 6010B	10/11-10/12/00	DLX4310P
			Dilution Factor: 1				
			Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Copper	25.0	24.2	mg/kg	97	SW846 6010B	10/11-10/12/00	DLX4310Q
			Dilution Factor: 1				
			Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Molybdenum	100	98.8	mg/kg	99	SW846 6010B	10/11-10/12/00	DLX4310R
			Dilution Factor: 1				
			Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Nickel	50.0	50.2	mg/kg	100	SW846 6010B	10/11-10/12/00	DLX4310T
			Dilution Factor: 1				
			Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Thallium	200	193	mg/kg	96	SW846 6010B	10/11-10/12/00	DLX4310U
			Dilution Factor: 1				
			Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	50.0	51.8	mg/kg	104	SW846 6010B	10/11-10/12/00	DLX4310V
			Dilution Factor: 1				
			Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	
Zinc	50.0	49.8	mg/kg	100	SW846 6010B	10/11-10/12/00	DLX4310W
			Dilution Factor: 1				
			Analysis Time..: 23:20		Analyst ID.....: 021088	Instrument ID..: M01	

LCS Lot-Sample#: E0J110000-279 **Prep Batch #...:** 0285279

Mercury	0.833	0.832	mg/kg	100	SW846 7471A	10/11-10/13/00	DLX1P102
			Dilution Factor: 1				
			Analysis Time..: 15:39		Analyst ID.....: 021088	Instrument ID..: M04	

LCS Lot-Sample#: E0J110000-280 **Prep Batch #...:** 0285280

Mercury	0.833	0.800	mg/kg	96	SW846 7471A	10/11-10/13/00	DLX1T102
			Dilution Factor: 1				
			Analysis Time..: 16:30		Analyst ID.....: 021088	Instrument ID..: M04	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: E0J090227 Work Order #...: DLW5A102 Matrix.....: SOLID
LCS Lot-Sample#: E0J100000-524
Prep Date.....: 10/10/00 Analysis Date..: 10/24/00
Prep Batch #...: 0284524 Analysis Time..: 16:13
Dilution Factor: 1 Instrument ID..: G03
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**101**	**(60 - 130)**	**SW846 8015B**
Diesel Range Organics (C10-C25)	**101**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	115	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: E0J090227 **Work Order #...:** DLW59102 **Matrix.....:** SOLID
LCS Lot-Sample#: E0J100000-522
Prep Date.....: 10/10/00 **Analysis Date..:** 10/19/00
Prep Batch #...: 0284522 **Analysis Time..:** 15:05
Dilution Factor: 1 **Instrument ID..:** G03
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**94**	**(60 - 130)**	**SW846 8015B**
Diesel Range Organics (C10-C25)	**94**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	105	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E0J090227 **Work Order #...:** DM8XT1AC **Matrix.....:** WATER
LCS Lot-Sample#: E0J160000-625
Prep Date.....: 10/13/00 **Analysis Date..:** 10/13/00
Prep Batch #...: 0290625 **Analysis Time..:** 20:31
Dilution Factor: 1 **Instrument ID..:** MSC
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**92**	**(75 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**84**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**89**	**(80 - 120)**	**SW846 8260B**
Toluene	**90**	**(80 - 120)**	**SW846 8260B**
Trichloroethene	**88**	**(75 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	107	(75 - 120)
1,2-Dichloroethane-d4	99	(65 - 130)
Toluene-d8	101	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E0J090227 **Work Order #...:** DNC381AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0J180000-380
Prep Date.....: 10/12/00 **Analysis Date..:** 10/12/00
Prep Batch #...: 0292380 **Analysis Time..:** 17:31
Dilution Factor: 1 **Instrument ID..:** G15
Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**99**	**(80 - 140)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	127	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E0J090227 **Work Order #...:** DNDPN1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0J180000-446
Prep Date.....: 10/16/00 **Analysis Date..:** 10/16/00
Prep Batch #...: 0292446 **Analysis Time..:** 15:31
Dilution Factor: 1 **Instrument ID..:** G15
Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**89**	**(80 - 140)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	122	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E0J090227 **Work Order #...:** DNM1W1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0J240000-395
Prep Date.....: 10/20/00 **Analysis Date..:** 10/20/00
Prep Batch #...: 0298395 **Analysis Time..:** 21:59
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 004648

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**98**	**(70 - 140)**	**SW846 8260B**
Chlorobenzene	**102**	**(70 - 130)**	**SW846 8260B**
1,1-Dichloroethene	**96**	**(60 - 150)**	**SW846 8260B**
Toluene	**100**	**(70 - 130)**	**SW846 8260B**
Trichloroethene	**104**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	93	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	94	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E0J090227 **Work Order #...:** DNQPX1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E0J250000-460
Prep Date.....: 10/21/00 **Analysis Date..:** 10/21/00
Prep Batch #...: 0299460 **Analysis Time..:** 12:41
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 004648

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**92**	**(70 - 140)**	**SW846 8260B**
Chlorobenzene	**96**	**(70 - 130)**	**SW846 8260B**
1,1-Dichloroethene	**90**	**(60 - 150)**	**SW846 8260B**
Toluene	**96**	**(70 - 130)**	**SW846 8260B**
Trichloroethene	**101**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	93	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: E0J110000-258 **Prep Batch #...:** 0285258					
Aluminum	87	(80 - 120)	SW846 6010B	10/11-10/13/00	DLX2C10X
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	90	(75 - 115)	SW846 6010B	10/11-10/13/00	DLX2C110
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	90	(75 - 115)	SW846 6010B	10/11-10/13/00	DLX2C111
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	
Barium	95	(80 - 120)	SW846 6010B	10/11-10/13/00	DLX2C112
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	100	(80 - 120)	SW846 6010B	10/11-10/13/00	DLX2C113
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	99	(85 - 120)	SW846 6010B	10/11-10/13/00	DLX2C114
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	98	(80 - 120)	SW846 6010B	10/11-10/13/00	DLX2C10K
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	
Lead	88	(80 - 120)	SW846 6010B	10/11-10/13/00	DLX2C10L
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	87	(70 - 115)	SW846 6010B	10/11-10/13/00	DLX2C10M
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	
Silver	94	(80 - 120)	SW846 6010B	10/11-10/13/00	DLX2C10N
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	98	(80 - 120)	SW846 6010B	10/11-10/13/00	DLX2C10P
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	
Copper	95	(80 - 120)	SW846 6010B	10/11-10/13/00	DLX2C10Q
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	92	(80 - 120)	SW846 6010B	10/11-10/13/00	DLX2C10R
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	98	(80 - 120)	SW846 6010B	10/11-10/13/00	DLX2C10T
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	86	(75 - 120)	SW846 6010B	10/11-10/13/00	DLX2C10U
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	98	(80 - 120)	SW846 6010B	10/11-10/13/00	DLX2C10V
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	96	(80 - 120)	SW846 6010B	10/11-10/13/00	DLX2C10W
		Dilution Factor: 1			
		Analysis Time..: 04:14	Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E0J110000-268 **Prep Batch #...:** 0285268

Aluminum	90	(80 - 120)	SW846 6010B	10/11-10/12/00	DLX4310X
		Dilution Factor: 1			
		Analysis Time..: 23:20	Analyst ID.....: 021088	Instrument ID..: M01	
Arsenic	91	(75 - 115)	SW846 6010B	10/11-10/12/00	DLX43110
		Dilution Factor: 1			
		Analysis Time..: 23:20	Analyst ID.....: 021088	Instrument ID..: M01	
Antimony	94	(75 - 115)	SW846 6010B	10/11-10/12/00	DLX43111
		Dilution Factor: 1			
		Analysis Time..: 23:20	Analyst ID.....: 021088	Instrument ID..: M01	
Barium	98	(80 - 120)	SW846 6010B	10/11-10/12/00	DLX43112
		Dilution Factor: 1			
		Analysis Time..: 23:20	Analyst ID.....: 021088	Instrument ID..: M01	

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium	103	(80 - 120)	SW846 6010B	10/11-10/12/00	DLX43113
		Dilution Factor: 1			
		Analysis Time..: 23:20	Analyst ID.....: 021088	Instrument ID..: M01	
Chromium	104	(85 - 120)	SW846 6010B	10/11-10/12/00	DLX43114
		Dilution Factor: 1			
		Analysis Time..: 23:20	Analyst ID.....: 021088	Instrument ID..: M01	
Beryllium	105	(80 - 120)	SW846 6010B	10/11-10/12/00	DLX4310K
		Dilution Factor: 1			
		Analysis Time..: 23:26	Analyst ID.....: 021088	Instrument ID..: M01	
Lead	96	(80 - 120)	SW846 6010B	10/11-10/12/00	DLX4310L
		Dilution Factor: 1			
		Analysis Time..: 10:20	Analyst ID.....: 021088	Instrument ID..: M01	
Selenium	86	(70 - 115)	SW846 6010B	10/11-10/12/00	DLX4310M
		Dilution Factor: 1			
		Analysis Time..: 23:20	Analyst ID.....: 021088	Instrument ID..: M01	
Silver	98	(80 - 120)	SW846 6010B	10/11-10/12/00	DLX4310N
		Dilution Factor: 1			
		Analysis Time..: 23:20	Analyst ID.....: 021088	Instrument ID..: M01	
Cobalt	102	(80 - 120)	SW846 6010B	10/11-10/12/00	DLX4310P
		Dilution Factor: 1			
		Analysis Time..: 23:20	Analyst ID.....: 021088	Instrument ID..: M01	
Copper	97	(80 - 120)	SW846 6010B	10/11-10/12/00	DLX4310Q
		Dilution Factor: 1			
		Analysis Time..: 23:20	Analyst ID.....: 021088	Instrument ID..: M01	
Molybdenum	99	(80 - 120)	SW846 6010B	10/11-10/12/00	DLX4310R
		Dilution Factor: 1			
		Analysis Time..: 23:20	Analyst ID.....: 021088	Instrument ID..: M01	
Nickel	100	(80 - 120)	SW846 6010B	10/11-10/12/00	DLX4310T
		Dilution Factor: 1			
		Analysis Time..: 23:20	Analyst ID.....: 021088	Instrument ID..: M01	
Thallium	96	(75 - 120)	SW846 6010B	10/11-10/12/00	DLX4310U
		Dilution Factor: 1			
		Analysis Time..: 23:20	Analyst ID.....: 021088	Instrument ID..: M01	

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	104	(80 - 120)	SW846 6010B	10/11-10/12/00	DLX4310V
		Dilution Factor: 1			
		Analysis Time..: 23:20	Analyst ID.....: 021088	Instrument ID..: M01	
Zinc	100	(80 - 120)	SW846 6010B	10/11-10/12/00	DLX4310W
		Dilution Factor: 1			
		Analysis Time..: 23:20	Analyst ID.....: 021088	Instrument ID..: M01	
LCS Lot-Sample#:	E0J110000-279	**Prep Batch #...:** 0285279			
Mercury	100	(85 - 115)	SW846 7471A	10/11-10/13/00	DLX1P102
		Dilution Factor: 1			
		Analysis Time..: 15:39	Analyst ID.....: 021088	Instrument ID..: M04	
LCS Lot-Sample#:	E0J110000-280	**Prep Batch #...:** 0285280			
Mercury	96	(85 - 115)	SW846 7471A	10/11-10/13/00	DLX1T102
		Dilution Factor: 1			
		Analysis Time..: 16:30	Analyst ID.....: 021088	Instrument ID..: M04	

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...:	E0J090227	**Work Order #...:**	DLQ27104-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J060359-012		DLQ27105-MSD		
Date Sampled...:	10/06/00 10:30	**Date Received..:**	10/06/00 17:45	**MS Run #.....:**	0292213
Prep Date.....:	10/16/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0292446	**Analysis Time..:**	02:40		
Dilution Factor:	1	**% Moisture.....:**	100	**Analyst ID.....:**	001464
Instrument ID..:	G15				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)		**5.00**	**5.34**	**mg/kg**	**107**		**SW846 8015B**
		5.00	**5.19**	**mg/kg**	**104**	**2.8**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	128	(60 - 130)
	126	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 08:20 **Date Received..:** 10/09/00 17:30

MS Lot-Sample #: E0J090227-001 **Prep Batch #...:** 0285258

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT		UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum										
	8270	200	9060	NC	mg/kg			SW846 6010B	10/11-10/13/00	DLTCA11K
	8270	200	9030	NC	mg/kg			SW846 6010B	10/11-10/13/00	DLTCA11L
					Dilution Factor: 1					
					Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
					MS Run #.....: 0285085					
Arsenic										
	1.3	200	181		mg/kg	90		SW846 6010B	10/11-10/13/00	DLTCA11M
	1.3	200	176		mg/kg	87	2.5	SW846 6010B	10/11-10/13/00	DLTCA11N
					Dilution Factor: 1					
					Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
					MS Run #.....: 0285085					
Antimony										
	ND	50.0	11.4	N	mg/kg	23		SW846 6010B	10/11-10/13/00	DLTCA11P
	ND	50.0	10.7	N	mg/kg	21	6.0	SW846 6010B	10/11-10/13/00	DLTCA11Q
					Dilution Factor: 1					
					Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
					MS Run #.....: 0285085					
Barium										
	70.1	200	256		mg/kg	93		SW846 6010B	10/11-10/13/00	DLTCA11R
	70.1	200	251		mg/kg	90	2.0	SW846 6010B	10/11-10/13/00	DLTCA11T
					Dilution Factor: 1					
					Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
					MS Run #.....: 0285085					
Cadmium										
	ND	5.00	4.76		mg/kg	95		SW846 6010B	10/11-10/13/00	DLTCA11U
	ND	5.00	4.66		mg/kg	93	2.1	SW846 6010B	10/11-10/13/00	DLTCA11V
					Dilution Factor: 1					
					Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
					MS Run #.....: 0285085					
Chromium										
	10.9	20.0	30.9		mg/kg	100		SW846 6010B	10/11-10/13/00	DLTCA11W
	10.9	20.0	30.0		mg/kg	95	3.0	SW846 6010B	10/11-10/13/00	DLTCA11X
					Dilution Factor: 1					
					Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
					MS Run #.....: 0285085					

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 08:20 **Date Received..:** 10/09/00 17:30

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium									
	0.30	5.00	5.40	mg/kg	102		SW846 6010B	10/11-10/13/00	DLTCA10U
	0.30	5.00	5.21	mg/kg	98	3.5	SW846 6010B	10/11-10/13/00	DLTCA10V
				Dilution Factor: 1					
				Analysis Time..: 04:38		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285085					
Lead									
	2.5	50.0	47.9	mg/kg	91		SW846 6010B	10/11-10/13/00	DLTCA10W
	2.5	50.0	46.6	mg/kg	88	2.6	SW846 6010B	10/11-10/13/00	DLTCA10X
				Dilution Factor: 1					
				Analysis Time..: 04:38		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285085					
Selenium									
	ND	200	173	mg/kg	87		SW846 6010B	10/11-10/13/00	DLTCA110
	ND	200	170	mg/kg	85	1.6	SW846 6010B	10/11-10/13/00	DLTCA111
				Dilution Factor: 1					
				Analysis Time..: 04:38		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285085					
Silver									
	ND	5.00	4.47	mg/kg	89		SW846 6010B	10/11-10/13/00	DLTCA112
	ND	5.00	4.40	mg/kg	88	1.6	SW846 6010B	10/11-10/13/00	DLTCA113
				Dilution Factor: 1					
				Analysis Time..: 04:38		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285085					
Cobalt									
	5.4	50.0	54.9	mg/kg	99		SW846 6010B	10/11-10/13/00	DLTCA114
	5.4	50.0	53.2	mg/kg	96	3.1	SW846 6010B	10/11-10/13/00	DLTCA115
				Dilution Factor: 1					
				Analysis Time..: 04:38		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285085					
Copper									
	9.0	25.0	33.4	mg/kg	97		SW846 6010B	10/11-10/13/00	DLTCA116
	9.0	25.0	33.4	mg/kg	97	0.10	SW846 6010B	10/11-10/13/00	DLTCA117
				Dilution Factor: 1					
				Analysis Time..: 04:38		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285085					
Molybdenum									
	0.35	100	89.7	mg/kg	89		SW846 6010B	10/11-10/13/00	DLTCA118
	0.35	100	86.5	mg/kg	86	3.6	SW846 6010B	10/11-10/13/00	DLTCA119
				Dilution Factor: 1					
				Analysis Time..: 04:38		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285085					

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 08:20 **Date Received..:** 10/09/00 17:30

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	6.8	50.0	55.4	mg/kg	97		SW846 6010B	10/11-10/13/00	DLTCA11A
	6.8	50.0	54.1	mg/kg	95	2.4	SW846 6010B	10/11-10/13/00	DLTCA11C
				Dilution Factor: 1					
				Analysis Time..: 04:38		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285085					
Thallium									
	0.63	200	183	mg/kg	91		SW846 6010B	10/11-10/13/00	DLTCA11D
	0.63	200	180	mg/kg	90	1.7	SW846 6010B	10/11-10/13/00	DLTCA11E
				Dilution Factor: 1					
				Analysis Time..: 04:38		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285085					
Vanadium									
	22.6	50.0	71.8	mg/kg	98		SW846 6010B	10/11-10/13/00	DLTCA11F
	22.6	50.0	69.9	mg/kg	95	2.6	SW846 6010B	10/11-10/13/00	DLTCA11G
				Dilution Factor: 1					
				Analysis Time..: 04:38		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285085					
Zinc									
	21.7	50.0	69.0	mg/kg	95		SW846 6010B	10/11-10/13/00	DLTCA11H
	21.7	50.0	67.7	mg/kg	92	1.9	SW846 6010B	10/11-10/13/00	DLTCA11J
				Dilution Factor: 1					
				Analysis Time..: 04:38		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285085					

MS Lot-Sample #: E0J090227-001 **Prep Batch #...:** 0285279

Mercury									
	ND	0.167	0.182	mg/kg	109		SW846 7471A	10/11-10/13/00	DLTCA10R
	ND	0.167	0.177	mg/kg	106	2.8	SW846 7471A	10/11-10/13/00	DLTCA10T
				Dilution Factor: 1					
				Analysis Time..: 15:43		Instrument ID..: M04		Analyst ID.....: 021088	
				MS Run #.....: 0285082					

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...:	E0J090227	**Work Order #...:**	DLTCA10P-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J090227-001		DLTCA10Q-MSD		
Date Sampled...:	10/09/00 08:20	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284311
Prep Date.....:	10/10/00	**Analysis Date..:**	10/20/00		
Prep Batch #...:	0284522	**Analysis Time..:**	00:49		
Dilution Factor:	1	**% Moisture.....:**		**Analyst ID.....:**	356074
Instrument ID..:	G03				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)		**250**	**211**	**mg/kg**	**84**		**SW846 8015B**
		250	**227**	**mg/kg**	**91**	**7.2**	**SW846 8015B**
Diesel Range Organics (C10-C25)		**250**	**211**	**mg/kg**	**84**		**SW846 8015B**
		250	**227**	**mg/kg**	**91**	**7.2**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	79	(60 - 130)
	85	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...:	E0J090227	**Work Order #...:**	DLTCA12A-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J090227-001		DLTCA12C-MSD		
Date Sampled...:	10/09/00 08:20	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0292177
Prep Date.....:	10/12/00	**Analysis Date..:**	10/20/00		
Prep Batch #...:	0292380	**Analysis Time..:**	13:22		
Dilution Factor:	1	**% Moisture.....:**		**Analyst ID.....:**	001464
Instrument ID..:	G15				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)		**5.00**	**5.93**	**mg/kg**	**119**		**SW846 8015B**
		5.00	**6.17**	**mg/kg**	**123**	**4.1**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	129	(60 - 130)
	136 *	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E0J090227	**Work Order #...:**	DLTCA12D-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J090227-001		DLTCA12E-MSD		
Date Sampled...:	10/09/00 08:20	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0298211
Prep Date.....:	10/20/00	**Analysis Date..:**	10/20/00		
Prep Batch #...:	0298395	**Analysis Time..:**	23:35		
Dilution Factor:	1	**% Moisture.....:**		**Analyst ID.....:**	004648
Instrument ID..:	MSD				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**ND**	**50.0**	**47.8**	**ug/kg**	**96**		**SW846 8260B**
	ND	**50.0**	**47.5**	**ug/kg**	**95**	**0.58**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**51.2**	**ug/kg**	**102**		**SW846 8260B**
	ND	**50.0**	**49.8**	**ug/kg**	**100**	**2.8**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**50.0**	**46.0**	**ug/kg**	**92**		**SW846 8260B**
	ND	**50.0**	**47.1**	**ug/kg**	**94**	**2.4**	**SW846 8260B**
Toluene	**ND**	**50.0**	**49.8**	**ug/kg**	**100**		**SW846 8260B**
	ND	**50.0**	**47.3**	**ug/kg**	**95**	**5.1**	**SW846 8260B**
Trichloroethene	**ND**	**50.0**	**50.8**	**ug/kg**	**102**		**SW846 8260B**
	ND	**50.0**	**52.8**	**ug/kg**	**106**	**3.9**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
	92	(70 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
	91	(60 - 140)
Toluene-d8	96	(70 - 130)
	93	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E0J090227	**Work Order #...:**	DLTCL11A-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J090227-007		DLTCL11C-MSD		
Date Sampled...:	10/09/00 09:40	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0299207
Prep Date.....:	10/21/00	**Analysis Date..:**	10/21/00		
Prep Batch #...:	0299460	**Analysis Time..:**	16:32		
Dilution Factor:	1	**% Moisture.....:**		**Analyst ID.....:**	004648
Instrument ID..:	MSD				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**ND**	**50.0**	**47.4**	**ug/kg**	**95**		**SW846 8260B**
	ND	**50.0**	**45.4**	**ug/kg**	**91**	**4.4**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**48.8**	**ug/kg**	**98**		**SW846 8260B**
	ND	**50.0**	**47.6**	**ug/kg**	**95**	**2.6**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**50.0**	**46.1**	**ug/kg**	**92**		**SW846 8260B**
	ND	**50.0**	**45.5**	**ug/kg**	**91**	**1.4**	**SW846 8260B**
Toluene	**ND**	**50.0**	**48.2**	**ug/kg**	**96**		**SW846 8260B**
	ND	**50.0**	**47.1**	**ug/kg**	**94**	**2.3**	**SW846 8260B**
Trichloroethene	**ND**	**50.0**	**51.6**	**ug/kg**	**103**		**SW846 8260B**
	ND	**50.0**	**50.9**	**ug/kg**	**102**	**1.3**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
	92	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
	89	(60 - 140)
Toluene-d8	96	(70 - 130)
	94	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...:	E0J090227	**Work Order #...:**	DLTCR10P-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J090227-012		DLTCR10Q-MSD		
Date Sampled...:	10/09/00 11:10	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284312
Prep Date.....:	10/10/00	**Analysis Date..:**	10/24/00		
Prep Batch #...:	0284524	**Analysis Time..:**	17:31		
Dilution Factor:	1	**% Moisture.....:**		**Analyst ID.....:**	356074
Instrument ID..:	G03				

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)		**250**	**228**	**mg/kg**	**91**		**SW846 8015B**
		250	**225**	**mg/kg**	**90**	**1.2**	**SW846 8015B**
Diesel Range Organics (C10-C25)		**250**	**228**	**mg/kg**	**91**		**SW846 8015B**
		250	**225**	**mg/kg**	**90**	**1.2**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	100	(60 - 130)
	99	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 14:50 **Date Received..:** 10/09/00 17:30

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E0J090227-025 **Prep Batch #...:** 0285268									
Aluminum									
	16400	200	21200 NC	mg/kg			SW846 6010B	10/11-10/12/00	DLTDE11H
	16400	200	21200 NC	mg/kg			SW846 6010B	10/11-10/12/00	DLTDE11J
			Dilution Factor: 1						
			Analysis Time..: 23:50		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0285087						
Arsenic									
	3.1	200	168	mg/kg	83		SW846 6010B	10/11-10/12/00	DLTDE11K
	3.1	200	174	mg/kg	86	3.3	SW846 6010B	10/11-10/12/00	DLTDE11L
			Dilution Factor: 1						
			Analysis Time..: 23:50		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0285087						
Antimony									
	ND	50.0	17.6 N	mg/kg	35		SW846 6010B	10/11-10/12/00	DLTDE11M
	ND	50.0	16.5 N	mg/kg	33	6.3	SW846 6010B	10/11-10/12/00	DLTDE11N
			Dilution Factor: 1						
			Analysis Time..: 23:50		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0285087						
Barium									
	110	200	277	mg/kg	84		SW846 6010B	10/11-10/12/00	DLTDE11P
	110	200	284	mg/kg	87	2.3	SW846 6010B	10/11-10/12/00	DLTDE11Q
			Dilution Factor: 1						
			Analysis Time..: 23:50		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0285087						
Cadmium									
	ND	5.00	4.60	mg/kg	92		SW846 6010B	10/11-10/12/00	DLTDE11R
	ND	5.00	4.70	mg/kg	94	2.1	SW846 6010B	10/11-10/12/00	DLTDE11T
			Dilution Factor: 1						
			Analysis Time..: 23:50		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0285087						
Chromium									
	23.9	20.0	43.6	mg/kg	98		SW846 6010B	10/11-10/12/00	DLTDE11U
	23.9	20.0	42.5	mg/kg	93	2.6	SW846 6010B	10/11-10/12/00	DLTDE11V
			Dilution Factor: 1						
			Analysis Time..: 23:50		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0285087						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 14:50 **Date Received..:** 10/09/00 17:30

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium									
	0.48	5.00	5.20	mg/kg	94		SW846 6010B	10/11-10/12/00	DLTDE10R
	0.48	5.00	5.35	mg/kg	97	2.9	SW846 6010B	10/11-10/12/00	DLTDE10T
				Dilution Factor: 1					
				Analysis Time..: 23:50		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285087					
Lead									
	4.7	50.0	46.7	mg/kg	84		SW846 6010B	10/11-10/12/00	DLTDE10U
	4.7	50.0	48.3	mg/kg	87	3.4	SW846 6010B	10/11-10/12/00	DLTDE10V
				Dilution Factor: 1					
				Analysis Time..: 23:50		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285087					
Selenium									
	ND	200	160	mg/kg	80		SW846 6010B	10/11-10/12/00	DLTDE10W
	ND	200	171	mg/kg	86	7.1	SW846 6010B	10/11-10/12/00	DLTDE10X
				Dilution Factor: 1					
				Analysis Time..: 23:50		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285087					
Silver									
	ND	5.00	4.28	mg/kg	86		SW846 6010B	10/11-10/12/00	DLTDE110
	ND	5.00	4.37	mg/kg	87	2.1	SW846 6010B	10/11-10/12/00	DLTDE111
				Dilution Factor: 1					
				Analysis Time..: 23:50		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285087					
Cobalt									
	9.5	50.0	53.6	mg/kg	88		SW846 6010B	10/11-10/12/00	DLTDE112
	9.5	50.0	56.6	mg/kg	94	5.3	SW846 6010B	10/11-10/12/00	DLTDE113
				Dilution Factor: 1					
				Analysis Time..: 23:50		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285087					
Copper									
	13.5	25.0	36.1	mg/kg	90		SW846 6010B	10/11-10/12/00	DLTDE114
	13.5	25.0	36.7	mg/kg	93	1.6	SW846 6010B	10/11-10/12/00	DLTDE115
				Dilution Factor: 1					
				Analysis Time..: 23:50		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285087					
Molybdenum									
	1.5	100	86.1	mg/kg	85		SW846 6010B	10/11-10/12/00	DLTDE116
	1.5	100	86.9	mg/kg	85	0.88	SW846 6010B	10/11-10/12/00	DLTDE117
				Dilution Factor: 1					
				Analysis Time..: 23:50		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 0285087					

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 14:50 **Date Received..:** 10/09/00 17:30

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	13.7	50.0	57.7	mg/kg	88		SW846 6010B	10/11-10/12/00	DLTDE118
	13.7	50.0	59.4	mg/kg	91	2.8	SW846 6010B	10/11-10/12/00	DLTDE119
			Dilution Factor: 1						
			Analysis Time..: 23:50		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0285087						
Thallium									
	ND	200	175	mg/kg	87		SW846 6010B	10/11-10/12/00	DLTDE11A
	ND	200	180	mg/kg	90	3.0	SW846 6010B	10/11-10/12/00	DLTDE11C
			Dilution Factor: 1						
			Analysis Time..: 23:50		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0285087						
Vanadium									
	43.0	50.0	90.2	mg/kg	94		SW846 6010B	10/11-10/12/00	DLTDE11D
	43.0	50.0	92.0	mg/kg	98	2.0	SW846 6010B	10/11-10/12/00	DLTDE11E
			Dilution Factor: 1						
			Analysis Time..: 23:50		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0285087						
Zinc									
	44.3	50.0	89.3	mg/kg	90		SW846 6010B	10/11-10/12/00	DLTDE11F
	44.3	50.0	92.4	mg/kg	96	3.4	SW846 6010B	10/11-10/12/00	DLTDE11G
			Dilution Factor: 1						
			Analysis Time..: 23:50		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 0285087						

MS Lot-Sample #: E0J090227-025 **Prep Batch #...:** 0285280

Mercury									
	ND	0.167	0.252 N	mg/kg	151		SW846 7471A	10/11-10/13/00	DLTDE10P
	ND	0.167	0.190 *	mg/kg	114	28	SW846 7471A	10/11-10/13/00	DLTDE10Q
			Dilution Factor: 1						
			Analysis Time..: 16:34		Instrument ID..: M04			Analyst ID.....: 021088	
			MS Run #.....: 0285083						

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

* Relative percent difference (RPD) is outside stated control limits.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...:	E0J090227	**Work Order #...:**	DLQ27104-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J060359-012		DLQ27105-MSD		
Date Sampled...:	10/06/00 10:30	**Date Received..:**	10/06/00 17:45	**MS Run #.....:**	0292213
Prep Date.....:	10/16/00	**Analysis Date..:**	10/17/00		
Prep Batch #...:	0292446	**Analysis Time..:**	02:40		
Dilution Factor:	1	**% Moisture.....:**	100	**Analyst ID.....:**	001464
Instrument ID..:	G15				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**107**	**(80 - 140)**			**SW846 8015B**
	104	**(80 - 140)**	**2.8**	**(0-40)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	128	(60 - 130)
	126	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 08:20 **Date Received..:** 10/09/00 17:30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E0J090227-001 **Prep Batch #...:** 0285258							
Aluminum	NC	(80 - 120)			SW846 6010B	10/11-10/13/00	DLTCA11K
	NC	(80 - 120)		(0-25)	SW846 6010B	10/11-10/13/00	DLTCA11L
		Dilution Factor: 1					
		Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285085					
Arsenic	90	(75 - 115)			SW846 6010B	10/11-10/13/00	DLTCA11M
	87	(75 - 115)	2.5	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA11N
		Dilution Factor: 1					
		Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285085					
Antimony	23 N	(75 - 115)			SW846 6010B	10/11-10/13/00	DLTCA11P
	21 N	(75 - 115)	6.0	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA11Q
		Dilution Factor: 1					
		Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285085					
Barium	93	(80 - 120)			SW846 6010B	10/11-10/13/00	DLTCA11R
	90	(80 - 120)	2.0	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA11T
		Dilution Factor: 1					
		Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285085					
Cadmium	95	(80 - 120)			SW846 6010B	10/11-10/13/00	DLTCA11U
	93	(80 - 120)	2.1	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA11V
		Dilution Factor: 1					
		Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285085					
Chromium	100	(85 - 120)			SW846 6010B	10/11-10/13/00	DLTCA11W
	95	(85 - 120)	3.0	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA11X
		Dilution Factor: 1					
		Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285085					
Beryllium	102	(80 - 120)			SW846 6010B	10/11-10/13/00	DLTCA10U
	98	(80 - 120)	3.5	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA10V
		Dilution Factor: 1					
		Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285085					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 08:20 **Date Received..:** 10/09/00 17:30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	91	(80 - 120)			SW846 6010B	10/11-10/13/00	DLTCA10W
	88	(80 - 120)	2.6	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA10X
		Dilution Factor: 1					
		Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285085					
Selenium	87	(70 - 115)			SW846 6010B	10/11-10/13/00	DLTCA110
	85	(70 - 115)	1.6	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA111
		Dilution Factor: 1					
		Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285085					
Silver	89	(80 - 120)			SW846 6010B	10/11-10/13/00	DLTCA112
	88	(80 - 120)	1.6	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA113
		Dilution Factor: 1					
		Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285085					
Cobalt	99	(80 - 120)			SW846 6010B	10/11-10/13/00	DLTCA114
	96	(80 - 120)	3.1	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA115
		Dilution Factor: 1					
		Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285085					
Copper	97	(80 - 120)			SW846 6010B	10/11-10/13/00	DLTCA116
	97	(80 - 120)	0.10	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA117
		Dilution Factor: 1					
		Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285085					
Molybdenum	89	(80 - 120)			SW846 6010B	10/11-10/13/00	DLTCA118
	86	(80 - 120)	3.6	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA119
		Dilution Factor: 1					
		Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285085					
Nickel	97	(80 - 120)			SW846 6010B	10/11-10/13/00	DLTCA11A
	95	(80 - 120)	2.4	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA11C
		Dilution Factor: 1					
		Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285085					
Thallium	91	(75 - 120)			SW846 6010B	10/11-10/13/00	DLTCA11D
	90	(75 - 120)	1.7	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA11E
		Dilution Factor: 1					
		Analysis Time..: 04:38			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285085					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 08:20 **Date Received..:** 10/09/00 17:30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	98	(80 - 120)			SW846 6010B	10/11-10/13/00	DLTCA11F
	95	(80 - 120)	2.6	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA11G

Dilution Factor: 1
Analysis Time..: 04:38 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 0285085

Zinc	95	(80 - 120)			SW846 6010B	10/11-10/13/00	DLTCA11H
	92	(80 - 120)	1.9	(0-25)	SW846 6010B	10/11-10/13/00	DLTCA11J

Dilution Factor: 1
Analysis Time..: 04:38 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 0285085

MS Lot-Sample #: E0J090227-001 **Prep Batch #...:** 0285279

Mercury	109	(80 - 120)			SW846 7471A	10/11-10/13/00	DLTCA10R
	106	(80 - 120)	2.8	(0-20)	SW846 7471A	10/11-10/13/00	DLTCA10T

Dilution Factor: 1
Analysis Time..: 15:43 Instrument ID..: M04 Analyst ID.....: 021088
MS Run #.....: 0285082

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	E0J090227	**Work Order #...:**	DLTCA10P-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J090227-001		DLTCA10Q-MSD		
Date Sampled...:	10/09/00 08:20	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284311
Prep Date.....:	10/10/00	**Analysis Date..:**	10/20/00		
Prep Batch #...:	0284522	**Analysis Time..:**	00:49		
Dilution Factor:	1	**% Moisture.....:**		**Analyst ID.....:**	356074
Instrument ID..:	G03				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**84**	**(60 - 130)**			**SW846 8015B**
	91	**(60 - 130)**	**7.2**	**(0-35)**	**SW846 8015B**
Diesel Range Organics (C10-C25)	**84**	**(60 - 130)**			**SW846 8015B**
	91	**(60 - 130)**	**7.2**	**(0-35)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	79	(60 - 130)
	85	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...:	E0J090227	**Work Order #...:**	DLTCA12A-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J090227-001		DLTCA12C-MSD		
Date Sampled...:	10/09/00 08:20	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0292177
Prep Date.....:	10/12/00	**Analysis Date..:**	10/20/00		
Prep Batch #...:	0292380	**Analysis Time..:**	13:22		
Dilution Factor:	1	**% Moisture.....:**		**Analyst ID.....:**	001464
Instrument ID..:	G15				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**119**	**(80 - 140)**			**SW846 8015B**
	123	**(80 - 140)**	**4.1**	**(0-40)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	129	(60 - 130)
	136 *	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E0J090227	**Work Order #...:**	DLTCA12D-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J090227-001		DLTCA12E-MSD		
Date Sampled...:	10/09/00 08:20	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0298211
Prep Date.....:	10/20/00	**Analysis Date..:**	10/20/00		
Prep Batch #...:	0298395	**Analysis Time..:**	23:35		
Dilution Factor:	1	**% Moisture.....:**		**Analyst ID.....:**	004648
Instrument ID..:	MSD				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**96**	**(70 - 140)**			**SW846 8260B**
	95	**(70 - 140)**	**0.58**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**102**	**(70 - 130)**			**SW846 8260B**
	100	**(70 - 130)**	**2.8**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**92**	**(60 - 150)**			**SW846 8260B**
	94	**(60 - 150)**	**2.4**	**(0-30)**	**SW846 8260B**
Toluene	**100**	**(70 - 130)**			**SW846 8260B**
	95	**(70 - 130)**	**5.1**	**(0-30)**	**SW846 8260B**
Trichloroethene	**102**	**(70 - 130)**			**SW846 8260B**
	106	**(70 - 130)**	**3.9**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
	92	(70 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
	91	(60 - 140)
Toluene-d8	96	(70 - 130)
	93	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E0J090227	Work Order #...:	DLTCL11A-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E0J090227-007		DLTCL11C-MSD		
Date Sampled...:	10/09/00 09:40	Date Received..:	10/09/00 17:30	MS Run #.....:	0299207
Prep Date.....:	10/21/00	Analysis Date..:	10/21/00		
Prep Batch #...:	0299460	Analysis Time..:	16:32		
Dilution Factor:	1	% Moisture.....:		Analyst ID.....:	004648
Instrument ID..:	MSD				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**95**	**(70 - 140)**			**SW846 8260B**
	91	**(70 - 140)**	**4.4**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**98**	**(70 - 130)**			**SW846 8260B**
	95	**(70 - 130)**	**2.6**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**92**	**(60 - 150)**			**SW846 8260B**
	91	**(60 - 150)**	**1.4**	**(0-30)**	**SW846 8260B**
Toluene	**96**	**(70 - 130)**			**SW846 8260B**
	94	**(70 - 130)**	**2.3**	**(0-30)**	**SW846 8260B**
Trichloroethene	**103**	**(70 - 130)**			**SW846 8260B**
	102	**(70 - 130)**	**1.3**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(70 - 130)
	92	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
	89	(60 - 140)
Toluene-d8	96	(70 - 130)
	94	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	E0J090227	**Work Order #...:**	DLTCR10P-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E0J090227-012		DLTCR10Q-MSD		
Date Sampled...:	10/09/00 11:10	**Date Received..:**	10/09/00 17:30	**MS Run #.....:**	0284312
Prep Date.....:	10/10/00	**Analysis Date..:**	10/24/00		
Prep Batch #...:	0284524	**Analysis Time..:**	17:31		
Dilution Factor:	1	**% Moisture.....:**		**Analyst ID.....:**	356074
Instrument ID..:	G03				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**91**	**(60 - 130)**			**SW846 8015B**
	90	**(60 - 130)**	**1.2**	**(0-35)**	**SW846 8015B**
Diesel Range Organics (C10-C25)	**91**	**(60 - 130)**			**SW846 8015B**
	90	**(60 - 130)**	**1.2**	**(0-35)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	100	(60 - 130)
	99	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 14:50 **Date Received..:** 10/09/00 17:30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E0J090227-025 **Prep Batch #...:** 0285268							
Aluminum	NC	(80 - 120)			SW846 6010B	10/11-10/12/00	DLTDE11H
	NC	(80 - 120)		(0-25)	SW846 6010B	10/11-10/12/00	DLTDE11J
		Dilution Factor: 1					
		Analysis Time..: 23:50			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285087					
Arsenic	83	(75 - 115)			SW846 6010B	10/11-10/12/00	DLTDE11K
	86	(75 - 115)	3.3	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE11L
		Dilution Factor: 1					
		Analysis Time..: 23:50			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285087					
Antimony	35 N	(75 - 115)			SW846 6010B	10/11-10/12/00	DLTDE11M
	33 N	(75 - 115)	6.3	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE11N
		Dilution Factor: 1					
		Analysis Time..: 23:50			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285087					
Barium	84	(80 - 120)			SW846 6010B	10/11-10/12/00	DLTDE11P
	87	(80 - 120)	2.3	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE11Q
		Dilution Factor: 1					
		Analysis Time..: 23:50			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285087					
Cadmium	92	(80 - 120)			SW846 6010B	10/11-10/12/00	DLTDE11R
	94	(80 - 120)	2.1	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE11T
		Dilution Factor: 1					
		Analysis Time..: 23:50			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285087					
Chromium	98	(85 - 120)			SW846 6010B	10/11-10/12/00	DLTDE11U
	93	(85 - 120)	2.6	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE11V
		Dilution Factor: 1					
		Analysis Time..: 23:50			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285087					
Beryllium	94	(80 - 120)			SW846 6010B	10/11-10/12/00	DLTDE10R
	97	(80 - 120)	2.9	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE10T
		Dilution Factor: 1					
		Analysis Time..: 23:50			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285087					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 14:50 **Date Received..:** 10/09/00 17:30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	84	(80 - 120)			SW846 6010B	10/11-10/12/00	DLTDE10U
	87	(80 - 120)	3.4	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE10V
		Dilution Factor: 1					
		Analysis Time..: 23:50			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285087					
Selenium	80	(70 - 115)			SW846 6010B	10/11-10/12/00	DLTDE10W
	86	(70 - 115)	7.1	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE10X
		Dilution Factor: 1					
		Analysis Time..: 23:50			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285087					
Silver	86	(80 - 120)			SW846 6010B	10/11-10/12/00	DLTDE110
	87	(80 - 120)	2.1	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE111
		Dilution Factor: 1					
		Analysis Time..: 23:50			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285087					
Cobalt	88	(80 - 120)			SW846 6010B	10/11-10/12/00	DLTDE112
	94	(80 - 120)	5.3	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE113
		Dilution Factor: 1					
		Analysis Time..: 23:50			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285087					
Copper	90	(80 - 120)			SW846 6010B	10/11-10/12/00	DLTDE114
	93	(80 - 120)	1.6	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE115
		Dilution Factor: 1					
		Analysis Time..: 23:50			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285087					
Molybdenum	85	(80 - 120)			SW846 6010B	10/11-10/12/00	DLTDE116
	85	(80 - 120)	0.88	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE117
		Dilution Factor: 1					
		Analysis Time..: 23:50			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285087					
Nickel	88	(80 - 120)			SW846 6010B	10/11-10/12/00	DLTDE118
	91	(80 - 120)	2.8	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE119
		Dilution Factor: 1					
		Analysis Time..: 23:50			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285087					
Thallium	87	(75 - 120)			SW846 6010B	10/11-10/12/00	DLTDE11A
	90	(75 - 120)	3.0	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE11C
		Dilution Factor: 1					
		Analysis Time..: 23:50			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 0285087					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0J090227 **Matrix.....:** SOLID
Date Sampled...: 10/09/00 14:50 **Date Received..:** 10/09/00 17:30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	94	(80 - 120)			SW846 6010B	10/11-10/12/00	DLTDE11D
	98	(80 - 120)	2.0	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE11E

Dilution Factor: 1
Analysis Time..: 23:50 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 0285087

Zinc	90	(80 - 120)			SW846 6010B	10/11-10/12/00	DLTDE11F
	96	(80 - 120)	3.4	(0-25)	SW846 6010B	10/11-10/12/00	DLTDE11G

Dilution Factor: 1
Analysis Time..: 23:50 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 0285087

MS Lot-Sample #: E0J090227-025 **Prep Batch #...:** 0285280

Mercury	151 N	(80 - 120)			SW846 7471A	10/11-10/13/00	DLTDE10P
	114 *	(80 - 120)	28	(0-20)	SW846 7471A	10/11-10/13/00	DLTDE10Q

Dilution Factor: 1
Analysis Time..: 16:34 Instrument ID..: M04 Analyst ID.....: 021088
MS Run #.....: 0285083

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

* Relative percent difference (RPD) is outside stated control limits.

N Spiked analyte recovery is outside stated control limits.

Extended Raw Data

Level III

Project # EOJ090227

Analysis: 826013

000248

8260B INITIAL CALIBRATION DATA

DATE ANALYZED: 10-13-2000

INSTRUMENT ID: ~~EOJ090227~~ MC

SAMPLES: EOJ090227

Batch ID: _____

GC/MS VOA Run Log

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☐ 5030B ☐ 5035

Inst ID: MSC	EM Set: 1647	Tune File: BFBU	Seq File: 10/13/BC
Init. Cal ID: 8260BCL			Date: 10/13/2000 PM

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
16:44	AD	CT1204	50ng BFB			1µm			✓			MSV0021198-1
17:00		CS2044	.5 ppb 8260B	1	2	25mm	1.0	165	✓			S1254-1; S1254-2; STD1255-2
17:30		CS2045	1 ppb 8260B	2				163	✓			
18:00		CS2046	5 ppb 8260B	3				161	✓			
18:30		CS2047	10 ppb 8260B	4				161	✓			
19:00		CS2048	50 ppb 8260B	5				157	✓			
19:30		CS2049	100 ppb 8260B	6				132	✓			
20:00		C09780	MB-1013BC	7				52	✓			
20:31		81	ICS-1013BC	1				160	✓			SECOND SOURCE OC1253-1
21:00		82	MB-1013BC	7				166	✓			
21:40		83	DLP6C101	7				169	✓		2	EOJ060287-2
22:10		84	DLM48E101	8				151	✓			EOJ130239-1
22:40		85	DLTAM101	9				157	✓			EOJ090226-1
23:10		86	DLTDP101	10				149	✓			-21
23:40		87	DLTDK101	11				141	✓			EOJ090227-2
0:10		88	DM1A91AA	12				157	✓			EOJ110284-29
0:40		89	DM1CC1AA	13				135	✓			-30
1:10		90	DM1DN1AA	14				157	✓			EOJ110292-1
1:40		91	DM1EK1AA	15				142	✓			-13
2:10		92	DLP6C102MS	16				158	✓			EOJ060287-2M
2:40		93	DLP6C103MSD	1				158	✓			-2MSD
3:10		94	DLTDP102MS	2				159	✓			EOJ090226-21M
3:40		C097 95	DLTDP103MD	3				90	✓	✓		21MSD
				4								

10-16-00

000250

BOE-C6-0150673

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 13-OCT-2000 17:00
End Cal Date : 13-OCT-2000 19:30
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M
Cal Date : 13-Oct-2000 21:20 DONGA
Curve Type : Average

Calibration File Names:
Level 1: \\SANP2010\D\chem\mc.i\1013BC.B\CS2045.D
Level 2: \\SANP2010\D\chem\mc.i\1013BC.B\CS2046.D
Level 3: \\SANP2010\D\chem\mc.i\1013BC.B\CS2047.D
Level 4: \\SANP2010\D\chem\mc.i\1013BC.B\CS2048.D
Level 5: \\SANP2010\D\chem\mc.i\1013BC.B\CS2049.D
Level 6: \\SANP2010\D\chem\mc.i\1013BC.B\CS2044.D

AM 10/12/2000
10-16-00

	Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD	
	1 Dichlorodifluoromethane	0.49651	0.48912	0.47578	0.45591	0.47329	++++++	0.47812	3.276	
	2 Chloromethane (**)	0.18600	0.17411	0.18335	0.16076	0.18682	++++++	0.17821	6.163	
	3 Vinyl chloride (*)	++++++	0.22088	0.21270	0.21093	0.22309	0.19687	0.21289	4.861	
	4 Bromomethane	0.22311	0.20660	0.21315	0.24098	0.24160	++++++	0.22509	7.071	
	5 Chloroethane	0.14179	0.14651	0.14745	0.12882	0.12350	++++++	0.13761	7.876	
	6 Trichlorofluoromethane	0.80921	0.81289	0.79698	0.76808	0.78705	++++++	0.79484	2.280	
	7 Acrolein	0.01686	0.01748	0.01710	0.01680	0.01861	++++++	0.01737	4.279	
	8 1,1-Dichloroethene(*)	0.29792	0.28106	0.28711	0.27355	0.29140	++++++	0.28621	3.277	
	9 1,1,2-Trichlorotrifluoroethan	0.49456	0.49171	0.47858	0.45078	0.46830	++++++	0.47679	3.767	
	10 Iodomethane	0.40952	0.55430	0.59744	0.55758	0.44005	++++++	0.51178	16.008	
	11 Acetone	0.03105	0.02318	0.02146	0.01628	0.01273	++++++	0.02094	33.489	<-
	12 Carbon disulfide	0.49939	0.55069	0.57489	0.62189	0.58818	++++++	0.56701	8.063	
	13 Methylene chloride	0.23369	0.23501	0.23667	0.22469	0.20870	++++++	0.22775	5.100	
	14 Acrylonitrile	0.00219	0.00345	0.00313	0.00311	0.00260	++++++	0.00290	17.167	<-
	15 t-Butanol	0.00609	0.00567	0.00526	0.00528	0.00382	++++++	0.00522	16.396	<-
	16 Vinyl acetate	0.29434	0.31153	0.30140	0.31021	0.28663	++++++	0.30083	3.512	
	17 trans-1,2-Dichloroethene	0.32296	0.33322	0.32759	0.31772	0.33545	++++++	0.32739	2.225	
	18 Methyl-tert-butyl ether[MTBE]	0.31209	0.30527	0.30191	0.28780	0.22510	++++++	0.28643	12.363	
	19 1,1-Dichloroethane (**)	0.51383	0.53312	0.52212	0.52051	0.53548	++++++	0.52501	1.728	
	20 Isopropyl ether	0.72858	0.71568	0.70437	0.68798	0.66076	++++++	0.69947	3.759	
	21 Tert-butyl ethyl ether	0.56493	0.57977	0.57953	0.56445	0.51679	++++++	0.56109	4.611	
M	22 1,2-Dichloroethene (total)	0.29368	0.32798	0.32779	0.31644	0.32045	++++++	0.31727	4.438	
	23 2,2-Dichloropropane	0.16802	0.24897	0.28426	0.43256	0.45558	++++++	0.31788	38.673	<-
	24 cis-1,2-Dichloroethene	0.26439	0.32274	0.32799	0.31517	0.30545	++++++	0.30715	8.257	
	25 2-Butanone	0.03018	0.02554	0.02285	0.02198	0.01773	++++++	0.02365	19.452	

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 13-OCT-2000 17:00
End Cal Date : 13-OCT-2000 19:30
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M
Cal Date : 13-Oct-2000 21:20 DONGA
Curve Type : Average

	Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD	
	26 Bromochloromethane	0.16248	0.16239	0.15663	0.14748	0.11376	+++++	0.14855	13.724	
	27 Tetrahydrofuran	0.00568	0.01326	0.01510	0.01421	0.01114	+++++	0.01188	31.711	<-
	28 Chloroform (*)	0.80274	0.79476	0.77308	0.74870	0.69296	+++++	0.76245	5.791	
	30 1,1,1-Trichloroethane	0.70831	0.74660	0.75846	0.75013	0.74202	+++++	0.74110	2.604	
	31 Carbon Tetrachloride	+++++	0.71493	0.74104	0.73773	0.72805	0.55470	0.69529	11.398	
	32 1,1-Dichloropropene	0.58222	0.58268	0.57319	0.55465	0.56024	+++++	0.57059	2.233	
	34 1,2-Dichloroethane-d4 2nd	0.04398	0.04856	0.04657	0.04536	0.03568	+++++	0.04403	11.271	
	35 Benzene	0.80780	0.82182	0.81915	0.77812	0.74533	+++++	0.79444	4.087	
	36 1,2-Dichloroethane	+++++	0.35244	0.33705	0.31499	0.25543	0.34468	0.32092	12.211	
	37 Tert-amyl methyl ether	0.42944	0.42620	0.40970	0.41156	0.33946	+++++	0.40327	9.105	
	39 Trichloroethene	0.52815	0.51592	0.50277	0.48801	0.48149	+++++	0.50327	3.831	
	40 1,2-Dichloropropane(*)	0.28774	0.28430	0.28608	0.27461	0.24423	+++++	0.27539	6.591	
	41 Dibromomethane	0.19885	0.20865	0.20724	0.18947	0.13662	+++++	0.18816	15.847	
	42 Bromodichloromethane	0.49216	0.57162	0.58614	0.59751	0.49967	+++++	0.54942	9.058	
	43 2-Chloroethylvinyl ether	+++++	0.00423	0.00503	0.00653	0.00362	+++++	0.00485	25.961	<-
	44 1-Bromo-2-chloroethane	0.24861	0.26164	0.27206	0.28149	0.21454	+++++	0.25567	10.186	
	45 cis-1,3-Dichloropropene	+++++	0.31885	0.33707	0.36203	0.30824	0.22437	0.31011	16.797	
	46 4-Methyl-2-pentanone	0.06595	0.07222	0.07387	0.07007	0.05636	+++++	0.06770	10.333	
	48 Toluene (*)	1.38482	1.42173	1.41791	1.35924	1.38923	+++++	1.39458	1.847	
	49 trans-1,3-Dichloropropene	+++++	0.27269	0.28882	0.33405	0.29669	0.18257	0.27496	20.491	
	50 1,1,2-Trichloroethane	0.24555	0.24456	0.24778	0.23277	0.19897	+++++	0.23393	8.718	
	51 Tetrachloroethene	0.74859	0.75306	0.73460	0.68926	0.71727	+++++	0.72855	3.573	
	52 1,3-Dichloropropane	0.39028	0.39103	0.39896	0.37596	0.32363	+++++	0.37597	8.089	
	53 2-Hexanone	0.08632	0.06126	0.06524	0.06513	0.05362	+++++	0.06631	18.303	
	54 Dibromochloromethane	0.40195	0.48973	0.53259	0.55850	0.49047	+++++	0.49465	12.024	
	55 1,2-Dibromoethane	0.30346	0.32936	0.33945	0.33065	0.28140	+++++	0.31686	7.557	
	57 Chlorobenzene (**)	1.08512	1.10768	1.08767	1.05573	1.02377	+++++	1.07199	3.052	
	58 1,1,1,2-Tetrachloroethane	0.49575	0.55588	0.56949	0.55382	0.51429	+++++	0.53784	5.812	
	59 Ethylbenzene (*)	0.53678	0.53057	0.53365	0.50952	0.53624	+++++	0.52935	2.145	
	60 m,p-Xylenes	0.65367	0.66826	0.66882	0.63135	0.63643	+++++	0.65171	2.678	
M	61 Xylenes (total)	0.63945	0.65324	0.64800	0.61571	0.61753	+++++	0.63479	2.727	
	62 o-Xylene	0.61100	0.62321	0.60638	0.58443	0.57971	+++++	0.60095	3.057	
	63 Styrene	0.85728	0.91567	0.91995	0.87813	0.82064	+++++	0.87833	4.728	

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 13-OCT-2000 17:00
End Cal Date : 13-OCT-2000 19:30
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M
Cal Date : 13-Oct-2000 21:20 DONGA
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD
64 Bromoform (**)	0.19290	0.26492	0.29249	0.32388	0.28250	+++++	0.27134	17.985
65 Isopropylbenzene	2.05959	2.14926	2.13729	2.00208	2.13483	+++++	2.09661	3.035
67 4-Bromofluorobenzene-2nd	0.67813	0.66370	0.65612	0.55201	0.51027	+++++	0.61205	12.373
68 Bromobenzene	0.94529	0.92107	0.95433	0.97692	0.99264	+++++	0.95805	2.904
69 1,1,2,2-Tetrachloroethane(**)	0.46735	0.44798	0.46776	0.47733	0.43752	+++++	0.45959	3.548
70 1,2,3-Trichloropropane	0.11090	0.12127	0.12831	0.12960	0.11728	+++++	0.12147	6.407
71 n-Propylbenzene	3.57614	3.92424	3.97675	4.14361	4.69307	+++++	4.06276	10.053
72 2-Chlorotoluene	0.81673	0.79867	0.79228	0.79732	0.85978	+++++	0.81296	3.415
73 4-Chlorotoluene	0.73369	0.79770	0.79761	0.79448	0.83163	+++++	0.79102	4.486
74 1,3,5-Trimethylbenzene	2.80071	2.77688	2.74623	2.77804	3.08201	+++++	2.83677	4.881
75 tert-Butylbenzene	2.97631	3.01819	3.05441	3.08194	3.47642	+++++	3.12145	6.483
76 1,2,4-Trimethylbenzene	2.70331	2.73289	2.74400	2.72471	2.99103	+++++	2.77919	4.295
77 sec-Butylbenzene	4.00106	4.02006	4.01515	4.05092	4.72902	+++++	4.16324	7.609
78 1,3-Dichlorobenzene	1.68534	1.71342	1.67732	1.70132	1.75687	+++++	1.70685	1.832
80 p-Isopropyltoluene	3.45055	3.43751	3.38603	3.33973	3.71814	+++++	3.46639	4.254
81 1,4-Dichlorobenzene	1.86500	1.70800	1.73562	1.67203	1.62949	+++++	1.72203	5.185
82 1,2-Dichlorobenzene	1.39482	1.40406	1.35719	1.38131	1.35502	+++++	1.37848	1.595
83 n-Butylbenzene	3.27005	3.32819	3.36417	3.36537	3.82423	+++++	3.43040	6.516
84 1,2-Dibromo-3-chloropropane	0.04309	0.08498	0.09733	0.11561	0.10661	+++++	0.08952	31.644 <-
85 1,2,4-Trichlorobenzene	1.17749	1.21916	1.28077	1.33682	1.32355	+++++	1.26756	5.374
86 Hexachlorobutadiene	1.60768	1.69716	1.71683	1.68878	1.90892	+++++	1.72387	6.469
87 Napthalene	0.69860	0.77422	0.87364	0.89743	0.76811	+++++	0.80240	10.211
88 1,2,3-Trichlorobenzene	0.97684	0.97289	0.96721	0.98031	0.92103	+++++	0.96366	2.524
$ 29 Dibromofluoromethane	0.59139	0.56739	0.54919	0.51711	0.44416	+++++	0.53385	10.677
$ 33 1,2-Dichloroethane-d4	0.28092	0.26466	0.26396	0.24358	0.19544	+++++	0.24971	13.257
$ 47 Toluene-d8	1.15639	1.09578	1.09375	1.04503	1.03958	+++++	1.08611	4.354
$ 66 4-Bromofluorobenzene	0.78314	0.78619	0.77187	0.66377	0.60894	+++++	0.72278	11.265

Data File: \\SANP2010\D\chem\mc.i\1013BC.B/CS2049.D
Report Date: 10/13/2000

INITIAL CALIBRATION REPORT

Instrument ID: mc.i
Lab File ID: CS2049.D
Analysis Type: WATER

Injection Date: 13-OCT-2000 19:30
Lab Sample ID: 100PPB 8260BSTD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL

COMPOUND	%RSD
Dichlorodifluoromethane	3.3
Chloromethane (**)	6.2
Vinyl chloride (*)	4.9
Bromomethane	7.1
Chloroethane	7.9
Trichlorofluoromethane	2.3
1,1-Dichloroethene(*)	3.3
1,1,2-Trichlorotrifluoroethan	3.8
Acetone	33.5
Iodomethane	16.0
Carbon disulfide	8.1
Methylene chloride	5.1
t-Butanol	16.4
trans-1,2-Dichloroethene	2.2
Methyl-tert-butyl ether[MTBE]	12.4
Acrolein	4.3
1,1-Dichloroethane (**)	1.7
Vinyl acetate	3.5
Isopropyl ether	3.8
1,2-Dichloroethene (total)	4.4
Tert-butyl ethyl ether	4.6
cis-1,2-Dichloroethene	8.3
2,2-Dichloropropane	38.7
2-Butanone	19.5
Bromochloromethane	13.7
Tetrahydrofuran	31.7
Chloroform (*)	5.8
Dibromofluoromethane	10.7
1,1,1-Trichloroethane	2.6
1,1-Dichloropropene	2.2
Carbon Tetrachloride	11.4
Acrylonitrile	17.2
1,2-Dichloroethane-d4 2nd	11.3
1,2-Dichloroethane-d4	13.3
Benzene	4.1
1,2-Dichloroethane	12.2
Tert-amyl methyl ether	9.1
Trichloroethene	3.8
1,2-Dichloropropane(*)	6.6

Data File: \\SANP2010\D\chem\mc.i\1013BC.B/CS2049.D
Report Date: 10/13/2000

INITIAL CALIBRATION REPORT

Instrument ID: mc.i
Lab File ID: CS2049.D
Analysis Type: WATER

Injection Date: 13-OCT-2000 19:30
Lab Sample ID: 100PPB 8260BSTD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\

COMPOUND	%RSD
Dibromomethane	15.8
Bromodichloromethane	9.1
1-Bromo-2-chloroethane	10.2
2-Chloroethylvinyl ether	26.0
cis-1,3-Dichloropropene	16.8
4-Methyl-2-pentanone	10.3
Toluene-d8	4.4
Toluene (*)	1.8
trans-1,3-Dichloropropene	20.5
1,1,2-Trichloroethane	8.7
Tetrachloroethene	3.6
1,3-Dichloropropane	8.1
2-Hexanone	18.3
Dibromochloromethane	12.0
1,2-Dibromoethane	7.6
Chlorobenzene (**)	3.1
1,1,1,2-Tetrachloroethane	5.8
Ethylbenzene (*)	2.1
Xylenes (total)	2.7
m,p-Xylenes	2.7
o-Xylene	3.1
Styrene	4.7
Bromoform (**)	18.0
Isopropylbenzene	3.0
4-Bromofluorobenzene	11.3
4-Bromofluorobenzene-2nd	12.4
Bromobenzene	2.9
1,1,2,2-Tetrachloroethane(**)	3.5
1,2,3-Trichloropropane	6.4
n-Propylbenzene	10.1
2-Chlorotoluene	3.4
4-Chlorotoluene	4.5
1,3,5-Trimethylbenzene	4.9
tert-Butylbenzene	6.5
1,2,4-Trimethylbenzene	4.3
sec-Butylbenzene	7.6
1,3-Dichlorobenzene	1.8
p-Isopropyltoluene	4.3
1,4-Dichlorobenzene	5.2

Data File: \\SANP2010\D\chem\mc.i\1013BC.B/CS2049.D
Report Date: 10/13/2000

INITIAL CALIBRATION REPORT

Instrument ID: mc.i
Lab File ID: CS2049.D
Analysis Type: WATER

Injection Date: 13-OCT-2000 19:30
Lab Sample ID: 100PPB 8260BSTD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\

COMPOUND	%RSD
1,2-Dichlorobenzene	1.6
n-Butylbenzene	6.5
1,2-Dibromo-3-chloropropane	31.6
1,2,4-Trichlorobenzene	5.4
Hexachlorobutadiene	6.5
Napthalene	10.2
1,2,3-Trichlorobenzene	2.5

The average of all %RSD's in the initial calibration is 8.8

MM 10/13/2000
10-16-00

STL Los Angeles

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CT1204.D
Lab Smp Id:
Inj Date : 13-OCT-2000 16:44
Operator : AD
Smp Info : 50NG BFB,BFB,,,,,,BFB.M
Misc Info : 1UL;MSVOA1198-2,,,,3,ALL.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\BFB.M
Meth Date : 23-May-2000 08:08 kentf
Cal Date :
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 4.00

Inst ID: mc.i
Quant Type: ISTD
Cal File:
QC Sample: BFB
Compound Sublist: all.sub
Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 p-Bromofluorobenzene							CAS #: 460-00-4	
2.1451	2.1000	(0.000)	95	81802			0.00- 100.00	100.00
2.1451	2.1000	(0.000)	50	19304			15.00- 40.00	23.60
2.1451	2.1000	(0.000)	75	42832			30.00- 60.00	52.36
2.1451	2.1000	(0.000)	96	6113			5.00- 9.00	7.47
2.1451	2.1000	(0.000)	173	0			0.00- 2.00	0.00
2.1451	2.1000	(0.000)	174	70997			50.00- 0.00	86.79
2.1451	2.1000	(0.000)	175	5608			5.00- 9.00	7.90
2.1451	2.1000	(0.000)	176	69992			95.00- 101.00	98.58
2.1451	2.1000	(0.000)	177	4761			5.00- 9.00	6.80

AM 10/13/2000
10-16-00

Data File: \\SANP2010\D\chem\mo.i\1013BC.B\CT1204.D

Date : 13-OCT-2000 16:44

Client ID:

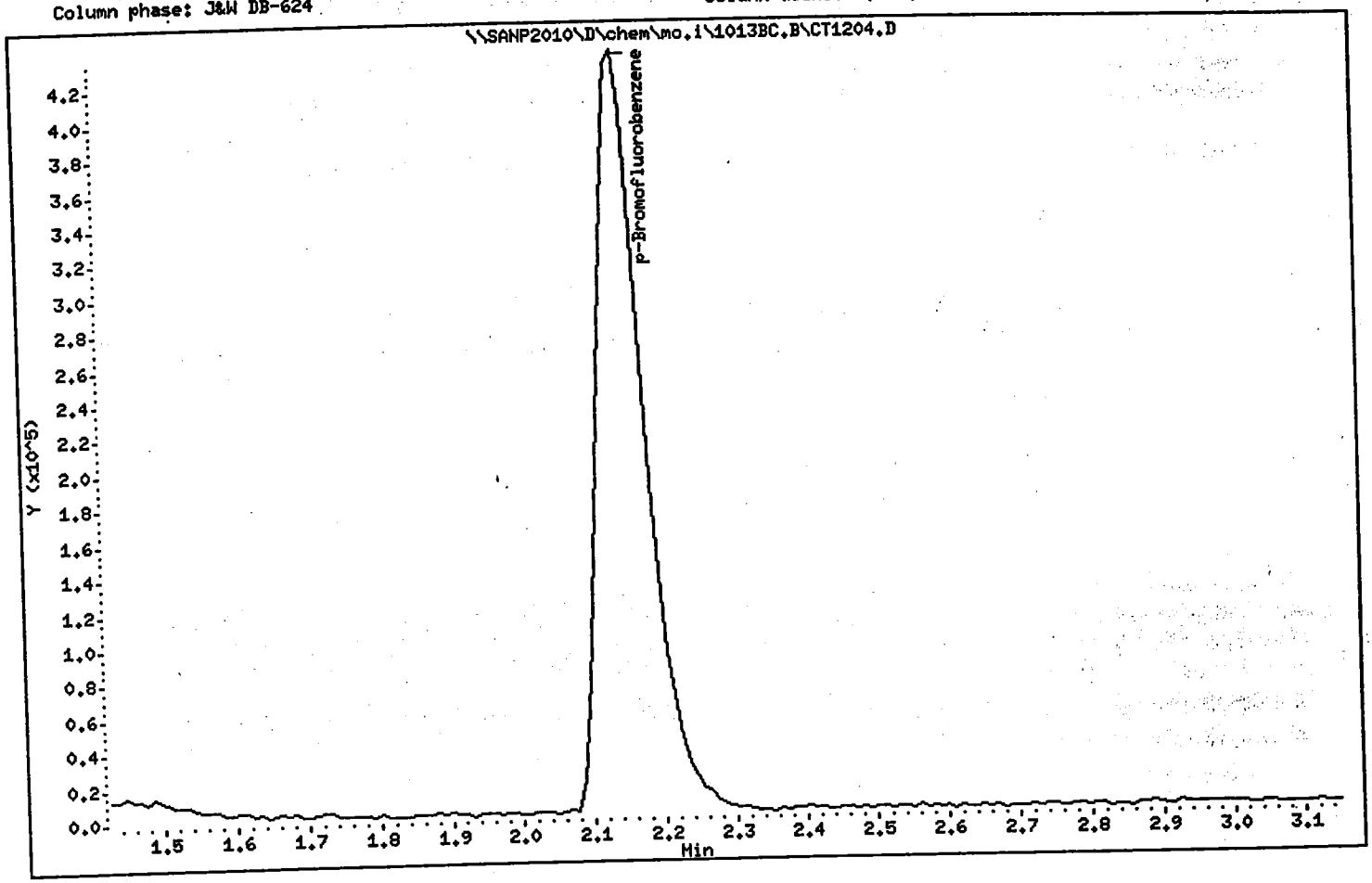
Instrument: mo.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2010\D\chem\mo.i\1013BC.B\CT1204.D

Date : 13-OCT-2000 16:44

Client ID:

Instrument: mo.i

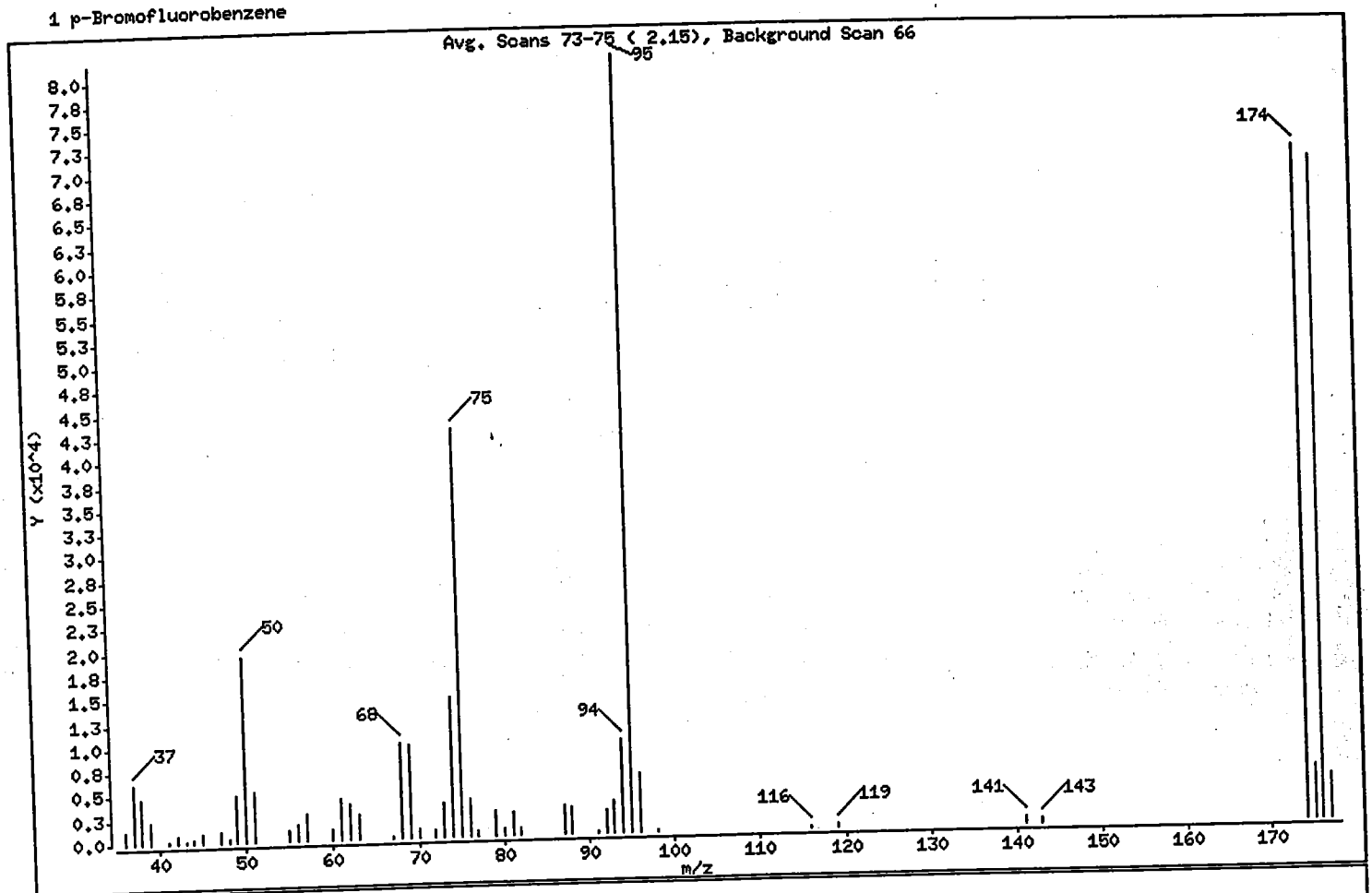
Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 p-Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.60
75	30.00 - 60.00% of mass 95	52.36
96	5.00 - 9.00% of mass 95	7.47
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	86.79
175	5.00 - 9.00% of mass 174	6.86 (7.90)
176	95.00 - 101.00% of mass 174	85.56 (98.58)
177	5.00 - 9.00% of mass 176	5.82 (6.80)

Data File: \\SANP2010\D\chem\mo.i\1013BC.B\CT1204.D

Date : 13-OCT-2000 16:44

Client ID:

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Instrument: mo.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: CT1204.D
Spectrum: Avg. Scans 73-75 (2.15), Background Scan 66
Location of Maximum: 95.00
Number of points: 52

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1303	55.00	1201	75.00	42832	96.00	6113
37.00	6152	56.00	1614	76.00	3943	98.00	192
38.00	4611	57.00	2913	77.00	618	116.00	204
39.00	2188	60.00	1051	79.00	2659	119.00	375
41.00	190	61.00	4355	80.00	793	141.00	707
42.00	731	62.00	3845	81.00	2466	143.00	598
43.00	173	63.00	2592	82.00	715	174.00	70992
44.00	325	67.00	171	87.00	2946	175.00	5608
45.00	1021	68.00	9886	88.00	2816	176.00	69992
47.00	1175	69.00	9757	91.00	252	177.00	4761
48.00	394	70.00	912	92.00	2403		
49.00	4956	72.00	718	93.00	3349		
50.00	19304	73.00	3613	94.00	9815		
51.00	5314	74.00	14592	95.00	81800		

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2044.D
Report Date: 13-Oct-2000 20:22

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2044.D
Lab Smp Id: 0.5PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1659284	2.96
56 Chlorobenzene-d5	1211181	605591	2422362	1212914	0.14
79 1,4-Dichlorobenze	758273	379137	1516546	733740	-3.24

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.05
56 Chlorobenzene-d5	13.49	12.99	13.99	13.50	0.10
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.13	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2045.D
Report Date: 13-Oct-2000 20:36

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2045.D
Lab Smp Id: 1PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1638508	1.67
56 Chlorobenzene-d5	1211181	605591	2422362	1235021	1.97
79 1,4-Dichlorobenze	758273	379137	1516546	763117	0.64

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.03	0.12
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	-0.00
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.12	0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2046.D
Lab Smp Id: 5PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1613881	0.15
56 Chlorobenzene-d5	1211181	605591	2422362	1216119	0.41
79 1,4-Dichlorobenze	758273	379137	1516546	775010	2.21

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.00
56 Chlorobenzene-d5	13.49	12.99	13.99	13.48	-0.07
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.12	0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2047.D
Report Date: 13-Oct-2000 21:17

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2047.D
Lab Smp Id: 10PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1611523	0.00
56 Chlorobenzene-d5	1203388	601694	2406776	1203388	0.00
79 1,4-Dichlorobenze	755803	377902	1511606	755803	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.00
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.00
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.11	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2048.D
Lab Smp Id: 50PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 20:31

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1662289	831145	3324578	1579493	-4.98
56 Chlorobenzene-d5	1178377	589189	2356754	1124179	-4.60
79 1,4-Dichlorobenze	708111	354056	1416222	650788	-8.10

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	-0.02
56 Chlorobenzene-d5	13.49	12.99	13.99	13.48	-0.08
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2049.D
Lab Smp Id: 100PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 20:31

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1662289	831145	3324578	1325546	-20.26
56 Chlorobenzene-d5	1178377	589189	2356754	894739	-24.07
79 1,4-Dichlorobenze	708111	354056	1416222	466527	-34.12

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.05	0.34
56 Chlorobenzene-d5	13.49	12.99	13.99	13.50	0.06
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.13	0.04

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2044.D
Lab Smp Id: 0.5PPB 8260BSTD
Inj Date : 13-OCT-2000 17:00
Operator : AD Inst ID: mc.i
Smp Info : 0.5PPB 8260BSTD,,,6,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 20:16 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 17:00 Cal File: CS2044.D
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.853	1.860	(0.231)	37348	0.50000	0.471(a)
2 Chloromethane (**)	50	2.031	2.086	(0.253)	1574	0.50000	0.104(a)
3 Vinyl chloride (*)	62	2.149	2.155	(0.268)	16333	0.50000	0.462(a)
4 Bromomethane	94	2.504	2.481	(0.312)	18557	0.50000	0.497(a)
5 Chloroethane	64	2.612	2.589	(0.326)	8182	0.50000	0.358(a)
6 Trichlorofluoromethane	101	2.888	2.904	(0.360)	61817	0.50000	0.469(a)
7 Acrolein	56	5.017	5.043	(0.625)	10832	0.50000	3.76(a)
8 1,1-Dichloroethene(*)	96	3.509	3.515	(0.437)	21730	0.50000	0.468(a)
9 1,1,2-Trichlorotrifluoroethan	151	3.499	3.545	(0.436)	35814	0.50000	0.453(a)
10 Iodomethane	142	3.687	3.703	(0.459)	51593	0.50000	0.608(a)
11 Acetone	43	3.568	3.575	(0.445)	16311	0.50000	4.69(a)
12 Carbon disulfide	76	3.785	3.801	(0.472)	35100	0.50000	0.293(a)
13 Methylene chloride	84	4.150	4.176	(0.517)	6421	0.50000	0.170(a)
16 Vinyl acetate	43	5.352	5.368	(0.667)	47580	0.50000	1.04(a)
17 trans-1,2-Dichloroethene	96	4.564	4.590	(0.569)	18337	0.50000	0.338(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	18 Methyl-tert-butyl ether[MTBE]	73	4.593	4.619	(0.573)	17645	0.50000	0.371(a)
	19 1,1-Dichloroethane (**)	63	5.165	5.220	(0.644)	37493	0.50000	0.430(a)
	20 Isopropyl ether	45	5.342	5.398	(0.666)	31089	0.50000	0.268(a)
	21 Tert-butyl ethyl ether	59	5.963	5.970	(0.743)	24505	0.50000	0.263(a)
M	22 1,2-Dichloroethene (total)	100				42529	0.50000	0.812(a)
	24 cis-1,2-Dichloroethene	96	6.091	6.147	(0.759)	24192	0.50000	0.475(a)
	25 2-Butanone	43	6.170	6.167	(0.769)	7580	0.50000	1.92(a)
	26 Bromochloromethane	128	6.466	6.511	(0.806)	4941	0.50000	0.200(a)
	28 Chloroform (*)	83	6.643	6.669	(0.828)	65111	0.50000	0.515
$	29 Dibromofluoromethane	111	6.900	6.926	(0.860)	39632	0.50000	0.447(a)
	30 1,1,1-Trichloroethane	97	6.910	6.965	(0.861)	51068	0.50000	0.415(a)
	31 Carbon Tetrachloride	117	7.215	7.251	(0.899)	46020	0.50000	0.399(a)
	32 1,1-Dichloropropene	75	7.186	7.241	(0.896)	44120	0.50000	0.465(a)
	34 1,2-Dichloroethane-d4 2nd	102	7.452	7.458	(0.929)	1643	0.50000	0.225(a)
	35 Benzene	78	7.530	7.576	(0.939)	65850	0.50000	0.500
	36 1,2-Dichloroethane	62	7.550	7.596	(0.941)	28596	0.50000	0.535(a)
	37 Tert-amyl methyl ether	73	7.816	7.822	(0.974)	30592	0.50000	0.457(a)
*	38 Fluorobenzene	96	8.023	8.049	(1.000)	1659284	10.0000	
	39 Trichloroethene	130	8.664	8.690	(1.080)	37809	0.50000	0.453(a)
	40 1,2-Dichloropropane(*)	63	9.028	9.044	(1.125)	20445	0.50000	0.447(a)
	41 Dibromomethane	93	9.226	9.242	(1.150)	13851	0.50000	0.444(a)
	42 Bromodichloromethane	83	9.531	9.547	(1.188)	38072	0.50000	0.418(a)
	44 1-Bromo-2-chloroethane	63	10.034	10.069	(1.251)	7218	0.50000	0.170(a)
	45 cis-1,3-Dichloropropene	75	10.339	10.355	(1.289)	18615	0.50000	0.362(a)
	46 4-Methyl-2-pentanone	43	10.665	10.661	(1.329)	16535	0.50000	1.47(a)
$	47 Toluene-d8	98	10.803	10.848	(0.800)	19232	0.50000	0.146(a)
	49 trans-1,3-Dichloropropene	75	11.364	11.380	(0.842)	11072	0.50000	0.332(a)
	50 1,1,2-Trichloroethane	97	11.699	11.696	(0.866)	12463	0.50000	0.440(a)
	51 Tetrachloroethene	164	11.956	11.972	(0.885)	24018	0.50000	0.300(a)
	52 1,3-Dichloropropane	76	11.985	11.991	(0.888)	22838	0.50000	0.500(a)
	53 2-Hexanone	43	12.222	12.198	(0.905)	19308	0.50000	2.88(a)
	54 Dibromochloromethane	129	12.389	12.405	(0.918)	21063	0.50000	0.351(a)
	55 1,2-Dibromoethane	107	12.577	12.583	(0.931)	15632	0.50000	0.406(a)
*	56 Chlorobenzene-d5	117	13.503	13.499	(1.000)	1212914	10.0000	
	57 Chlorobenzene (**)	112	13.542	13.549	(1.003)	61620	0.50000	0.474(a)
	58 1,1,1,2-Tetrachloroethane	131	13.730	13.726	(1.017)	20910	0.50000	0.320(a)
	59 Ethylbenzene (*)	106	13.809	13.815	(1.023)	29025	0.50000	0.452(a)
	60 m,p-Xylenes	106	14.035	14.051	(1.039)	76309	0.50000	0.965(a)
M	61 Xylenes (total)	100				109596	0.50000	1.42
	62 o-Xylene	106	14.794	14.790	(1.096)	33286	0.50000	0.457(a)
	63 Styrene	104	14.824	14.830	(1.098)	46645	0.50000	0.438(a)
	64 Bromoform (**)	173	15.129	15.125	(1.120)	8911	0.50000	0.270(a)
	65 Isopropylbenzene	105	15.543	15.549	(1.151)	116152	0.50000	0.456(a)
$	66 4-Bromofluorobenzene	95	15.809	15.806	(1.171)	46871	0.50000	0.534(a)
	67 4-Bromofluorobenzene-2nd	174	15.819	15.815	(1.172)	37295	0.50000	0.502(a)
	68 Bromobenzene	156	16.056	16.062	(0.886)	33792	0.50000	0.481(a)
	69 1,1,2,2-Tetrachloroethane(**)	83	16.134	16.141	(0.890)	15772	0.50000	0.468(a)

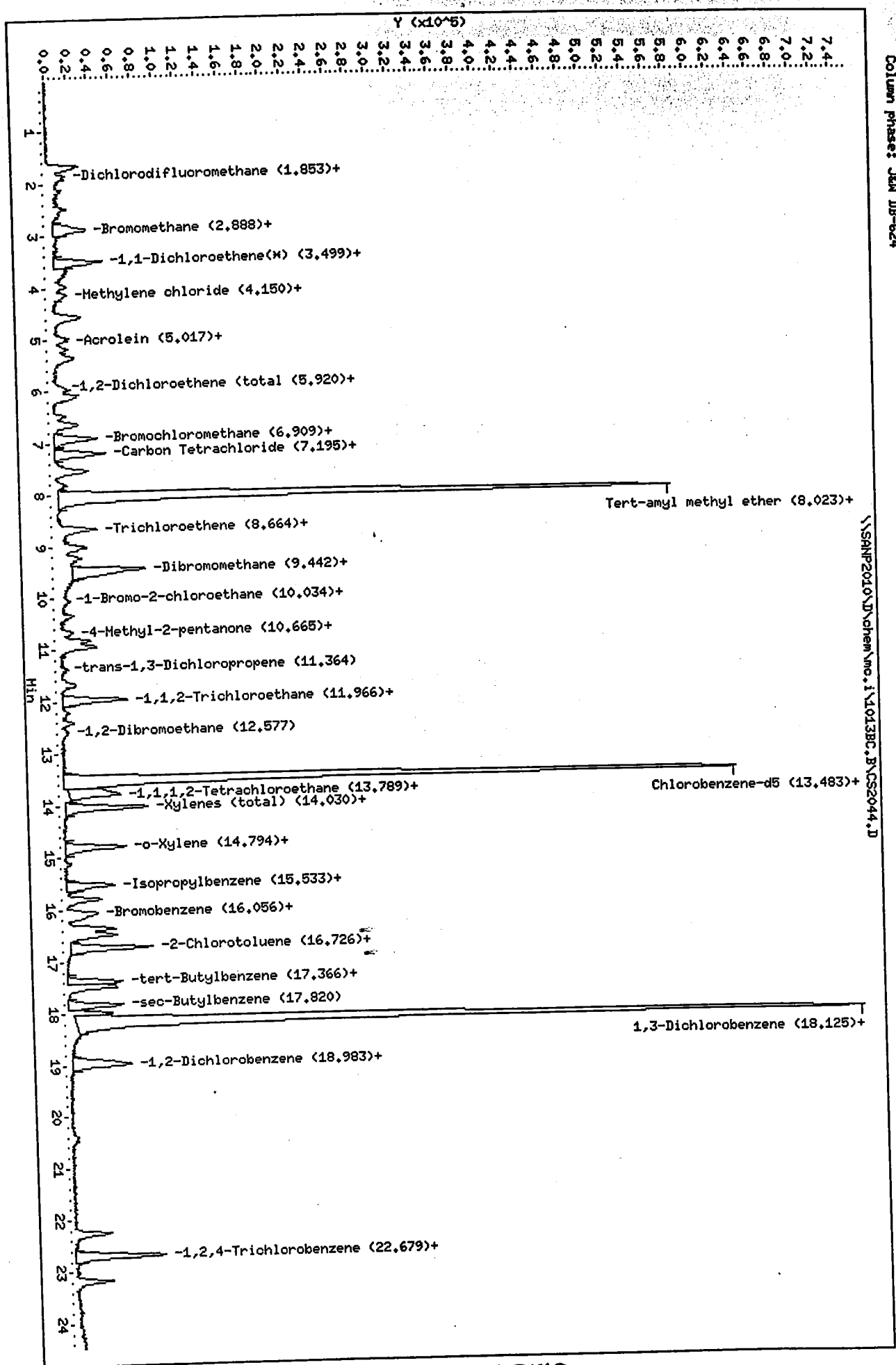
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
70 1,2,3-Trichloropropane	110	16.174	16.180	(0.892)	4463	0.50000	0.502(a)
71 n-Propylbenzene	91	16.371	16.377	(0.903)	125476	0.50000	0.431(a)
72 2-Chlorotoluene	126	16.479	16.495	(0.909)	27695	0.50000	0.466(a)
73 4-Chlorotoluene	126	16.716	16.712	(0.922)	26235	0.50000	0.452(a)
74 1,3,5-Trimethylbenzene	105	16.736	16.752	(0.923)	94766	0.50000	0.456(a)
75 tert-Butylbenzene	119	17.376	17.392	(0.959)	100894	0.50000	0.441(a)
76 1,2,4-Trimethylbenzene	105	17.485	17.491	(0.965)	95182	0.50000	0.467(a)
77 sec-Butylbenzene	105	17.820	17.836	(0.983)	136013	0.50000	0.447(a)
78 1,3-Dichlorobenzene	146	17.997	17.994	(0.993)	64648	0.50000	0.517(a)
* 79 1,4-Dichlorobenzene-d4	152	18.125	18.131	(1.000)	733740	10.0000	
80 p-Isopropyltoluene	119	18.155	18.151	(1.002)	115761	0.50000	0.456(a)
81 1,4-Dichlorobenzene	146	18.155	19.679	(1.002)	69617	0.50000	1.48
82 1,2-Dichlorobenzene	146	18.904	18.910	(1.043)	53836	0.50000	0.533(a)
83 n-Butylbenzene	91	18.983	18.989	(1.047)	108136	0.50000	0.430(a)
85 1,2,4-Trichlorobenzene	180	22.245	22.251	(1.227)	47820	0.50000	0.515(a)
86 Hexachlorobutadiene	225	22.659	22.675	(1.250)	61941	0.50000	0.490(a)
87 Napthalene	128	22.708	22.714	(1.253)	35001	0.50000	0.595(a)
88 1,2,3-Trichlorobenzene	180	23.152	23.158	(1.277)	45052	0.50000	0.638(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\SANP2010\D\chem\mo.i\1013BC.B\CS2044.D
Date : 13-OCT-2000 17:00
Client ID:
Sample Info: 0.5PPB 8260BSTD,,,6.0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2045.D
Lab Smp Id: 1PPB 8260BSTD
Inj Date : 13-OCT-2000 17:30
Operator : AD
Inst ID: mc.i
Smp Info : 1PPB 8260BSTD,,,1,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 20:16 DONGA
Quant Type: ISTD
Cal Date : 13-OCT-2000 17:00
Cal File: CS2044.D
Als bottle: 2
Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.850	1.850	(0.230)	81353	1.00000	1.04
2 Chloromethane (**)	50	2.116	2.116	(0.264)	30477	1.00000	1.54(M)
3 Vinyl chloride (*)	62	2.145	2.145	(0.267)	36422	1.00000	1.04
4 Bromomethane	94	2.471	2.471	(0.308)	36557	1.00000	0.991(a)
5 Chloroethane	64	2.589	2.589	(0.322)	23233	1.00000	1.03
6 Trichlorofluoromethane	101	2.894	2.894	(0.360)	132590	1.00000	1.02
7 Acrolein	56	5.013	5.013	(0.624)	27630	10.0000	9.70(a)
8 1,1-Dichloroethene(*)	96	3.476	3.476	(0.433)	48815	1.00000	1.04(M)
9 1,1,2-Trichlorotrifluoroethan	151	3.515	3.515	(0.438)	81034	1.00000	1.04
10 Iodomethane	142	3.683	3.683	(0.459)	134200	2.00000	1.60(a)
11 Acetone	43	3.545	3.545	(0.441)	25441	5.00000	7.41(a)
12 Carbon disulfide	76	3.762	3.762	(0.469)	81826	1.00000	0.693(a)
13 Methylene chloride	84	4.146	4.146	(0.516)	38290	1.00000	1.03
14 Acrylonitrile	53	7.418	7.418	(0.924)	3593	10.0000	7.56(aM)
15 t-Butanol	59	4.590	4.590	(0.572)	3994	4.00000	5.51(aM)

MM 10/13/2000

MM 10/13/2000

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2045.D
Report Date: 13-Oct-2000 20:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	
	16 Vinyl acetate	43	5.368	5.368	(0.669)	96457	2.00000	1.95(aM)	MM 10/13/2000
	17 trans-1,2-Dichloroethene	96	4.560	4.560	(0.568)	52917	1.00000	0.986(a)	
	18 Methyl-tert-butyl ether[MTBE]	73	4.580	4.580	(0.570)	51137	1.00000	1.09	
	19 1,1-Dichloroethane (**)	63	5.181	5.181	(0.645)	84191	1.00000	0.979(a)	
	20 Isopropyl ether	45	5.368	5.368	(0.669)	119379	1.00000	1.04	
	21 Tert-butyl ethyl ether	59	5.960	5.960	(0.742)	92565	1.00000	1.01	
M	22 1,2-Dichloroethene (total)	100				96238	2.00000	1.85	
	23 2,2-Dichloropropane	77	6.107	6.107	(0.761)	27530	1.00000	0.528(a)	
	24 cis-1,2-Dichloroethene	96	6.098	6.098	(0.759)	43321	1.00000	0.861(a)	
	25 2-Butanone	43	6.147	6.147	(0.766)	24721	5.00000	6.34(a)	
	26 Bromochloromethane	128	6.462	6.462	(0.805)	26623	1.00000	1.09	
	27 Tetrahydrofuran	42	6.590	6.590	(0.821)	930	1.00000	0.477(aM)	MM 10/13/2000
	28 Chloroform (*)	83	6.620	6.620	(0.824)	131530	1.00000	1.05	
$	29 Dibromofluoromethane	111	6.886	6.886	(0.858)	96900	1.00000	1.11	
	30 1,1,1-Trichloroethane	97	6.916	6.916	(0.861)	116057	1.00000	0.956(a)	
	31 Carbon Tetrachloride	117	7.201	7.201	(0.897)	103257	1.00000	0.906(a)	
	32 1,1-Dichloropropene	75	7.192	7.192	(0.896)	95397	1.00000	1.02	
$	33 1,2-Dichloroethane-d4	65	7.438	7.438	(0.926)	46029	1.00000	1.12	
	34 1,2-Dichloroethane-d4 2nd	102	7.438	7.438	(0.926)	7206	1.00000	0.999(a)	
	35 Benzene	78	7.537	7.537	(0.939)	132359	1.00000	1.02	
	36 1,2-Dichloroethane	62	7.546	7.546	(0.940)	59334	1.00000	1.12	
	37 Tert-amyl methyl ether	73	7.813	7.813	(0.973)	70364	1.00000	1.06	
*	38 Fluorobenzene	96	8.029	8.029	(1.000)	1638508	10.0000		
	39 Trichloroethene	130	8.670	8.670	(1.080)	86538	1.00000	1.05	
	40 1,2-Dichloropropane(*)	63	9.025	9.025	(1.124)	47147	1.00000	1.04	
	41 Dibromomethane	93	9.212	9.212	(1.147)	32581	1.00000	1.06	
	42 Bromodichloromethane	83	9.537	9.537	(1.188)	80641	1.00000	0.896(a)	
	44 1-Bromo-2-chloroethane	63	10.040	10.040	(1.250)	40735	1.00000	0.972(a)	
	45 cis-1,3-Dichloropropene	75	10.336	10.336	(1.287)	47298	1.00000	0.932(a)	
	46 4-Methyl-2-pentanone	43	10.661	10.661	(1.328)	54029	5.00000	4.87(a)	
$	47 Toluene-d8	98	10.818	10.818	(0.802)	142817	1.00000	1.06	
	48 Toluene (*)	91	10.947	10.947	(0.811)	171028	1.00000	0.992(a)	
	49 trans-1,3-Dichloropropene	75	11.370	11.370	(0.843)	28216	1.00000	0.844(a)	
	50 1,1,2-Trichloroethane	97	11.686	11.686	(0.866)	30326	1.00000	1.05	MM 10/13/2000
	51 Tetrachloroethene	164	11.972	11.972	(0.887)	92452	1.00000	1.03(M)	
	52 1,3-Dichloropropane	76	11.991	11.991	(0.889)	48201	1.00000	1.04	
	53 2-Hexanone	43	12.218	12.218	(0.906)	53301	5.00000	6.50(aM)	MM 10/13/2000
	54 Dibromochloromethane	129	12.395	12.395	(0.919)	49642	1.00000	0.812(a)	
	55 1,2-Dibromoethane	107	12.583	12.583	(0.933)	37478	1.00000	0.957(a)	
*	56 Chlorobenzene-d5	117	13.489	13.489	(1.000)	1235021	10.0000		
	57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	134015	1.00000	1.01	
	58 1,1,1,2-Tetrachloroethane	131	13.716	13.716	(1.017)	61226	1.00000	0.921(a)	
	59 Ethylbenzene (*)	106	13.805	13.805	(1.023)	66294	1.00000	1.01	
	60 m,p-Xylenes	106	14.031	14.031	(1.040)	161460	2.00000	2.00	
M	61 Xylenes (total)	100				236920	3.00000	3.02	
	62 o-Xylene	106	14.771	14.771	(1.095)	75460	1.00000	1.02	
	63 Styrene	104	14.810	14.810	(1.098)	105876	1.00000	0.976(a)	

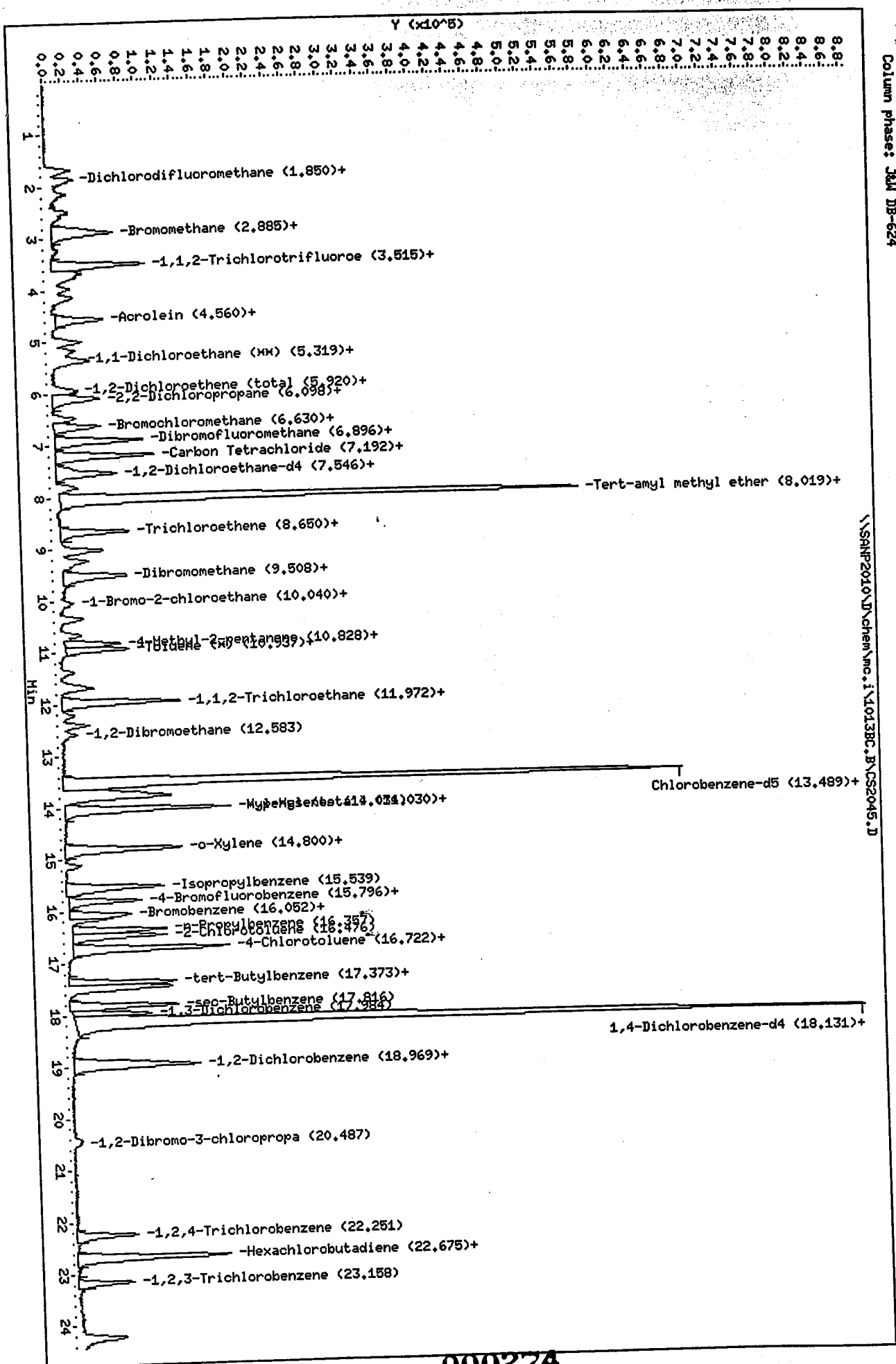
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
64 Bromoform (**)	173	15.106	15.106	(1.120)	23824	1.00000	0.710(a)
65 Isopropylbenzene	105	15.530	15.530	(1.151)	254364	1.00000	0.982(a)
$ 66 4-Bromofluorobenzene	95	15.806	15.806	(1.172)	96720	1.00000	1.08
67 4-Bromofluorobenzene-2nd	174	15.796	15.796	(1.171)	83751	1.00000	1.11
68 Bromobenzene	156	16.052	16.052	(0.886)	72137	1.00000	0.988(a)
69 1,1,2,2-Tetrachloroethane(**)	83	16.131	16.131	(0.890)	35664	1.00000	1.02
70 1,2,3-Trichloropropane	110	16.180	16.180	(0.893)	8463	1.00000	0.916(a)
71 n-Propylbenzene	91	16.357	16.357	(0.903)	272901	1.00000	0.900(a)
72 2-Chlorotoluene	126	16.486	16.486	(0.910)	62326	1.00000	1.01
73 4-Chlorotoluene	126	16.693	16.693	(0.921)	55989	1.00000	0.929(a)
74 1,3,5-Trimethylbenzene	105	16.732	16.732	(0.923)	213727	1.00000	0.990(a)
75 tert-Butylbenzene	119	17.363	17.363	(0.958)	227127	1.00000	0.954(a)
76 1,2,4-Trimethylbenzene	105	17.481	17.481	(0.965)	206294	1.00000	0.974(a)
77 sec-Butylbenzene	105	17.816	17.816	(0.983)	305328	1.00000	0.965(a)
78 1,3-Dichlorobenzene	146	17.974	17.974	(0.992)	128611	1.00000	0.988(a)
* 79 1,4-Dichlorobenzene-d4	152	18.122	18.122	(1.000)	763117	10.0000	
80 p-Isopropyltoluene	119	18.151	18.151	(1.002)	263317	1.00000	0.997(a)
81 1,4-Dichlorobenzene	146	18.181	18.181	(1.003)	142321	1.00000	2.91
82 1,2-Dichlorobenzene	146	18.910	18.910	(1.044)	106441	1.00000	1.01
83 n-Butylbenzene	91	18.969	18.969	(1.047)	249543	1.00000	0.954(a)
84 1,2-Dibromo-3-chloropropane	157	20.487	20.487	(1.131)	3288	1.00000	0.482(a)
85 1,2,4-Trichlorobenzene	180	22.251	22.251	(1.228)	89856	1.00000	0.930(a)
86 Hexachlorobutadiene	225	22.655	22.655	(1.250)	122685	1.00000	0.934(a)
87 Napthalene	128	22.744	22.744	(1.255)	53311	1.00000	0.872(a)
88 1,2,3-Trichlorobenzene	180	23.158	23.158	(1.278)	74544	1.00000	1.01

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2045.D
Date : 13-OCT-2000 17:30
Client ID:
Sample Info: 1PPB 8260BSTD,,1.0,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2046.D
Lab Smp Id: 5PPB 8260BSTD
Inj Date : 13-OCT-2000 18:00
Operator : AD
Inst ID: mc.i
Smp Info : 5PPB 8260BSTD,,,2,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 20:16 DONGA
Quant Type: ISTD
Cal Date : 13-OCT-2000 17:00
Cal File: CS2044.D
Als bottle: 3
Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	
1 Dichlorodifluoromethane	85	1.850	1.850	(0.231)	394688	5.00000	5.12	
2 Chloromethane (**)	50	2.097	2.097	(0.261)	140493	5.00000	5.84(M)	MM 10/13/2000
3 Vinyl chloride (*)	62	2.146	2.146	(0.268)	178241	5.00000	5.18	
4 Bromomethane	94	2.471	2.471	(0.308)	166715	5.00000	4.59	
5 Chloroethane	64	2.599	2.599	(0.324)	118221	5.00000	5.32	
6 Trichlorofluoromethane	101	2.895	2.895	(0.361)	655956	5.00000	5.11	
7 Acrolein	56	5.004	5.004	(0.624)	141040	50.0000	50.28	
8 1,1-Dichloroethene(*)	96	3.496	3.496	(0.436)	226795	5.00000	4.91	
9 1,1,2-Trichlorotrifluoroethan	151	3.506	3.506	(0.437)	396783	5.00000	5.16	
10 Iodomethane	142	3.674	3.674	(0.458)	894569	10.0000	10.83	
11 Acetone	43	3.545	3.545	(0.442)	93512	25.0000	27.66	MM 10/13/2000
12 Carbon disulfide	76	3.772	3.772	(0.470)	444371	5.00000	4.00(M)	
13 Methylene chloride	84	4.137	4.137	(0.516)	189640	5.00000	5.16	
14 Acrylonitrile	53	7.428	7.428	(0.926)	27846	50.0000	59.48	MM 10/13/2000
15 t-Butanol	59	4.403	4.403	(0.549)	18303	20.0000	21.71(aM)	

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2046.D
Report Date: 13-Oct-2000 20:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.339	5.339	(0.666)	502778	10.0000	10.33
	17 trans-1,2-Dichloroethene	96	4.551	4.551	(0.567)	268891	5.00000	5.09
	18 Methyl-tert-butyl ether[MTBE]	73	4.580	4.580	(0.571)	246332	5.00000	5.33
	19 1,1-Dichloroethane (**)	63	5.172	5.172	(0.645)	430193	5.00000	5.08
	20 Isopropyl ether	45	5.378	5.378	(0.671)	577512	5.00000	5.12
	21 Tert-butyl ethyl ether	59	5.950	5.950	(0.742)	467839	5.00000	5.17
M	22 1,2-Dichloroethene (total)	100				529326	10.0000	10.34
	23 2,2-Dichloropropane	77	6.088	6.088	(0.759)	200908	5.00000	3.92
	24 cis-1,2-Dichloroethene	96	6.098	6.098	(0.760)	260435	5.00000	5.25
	25 2-Butanone	43	6.137	6.137	(0.765)	103033	25.0000	26.84
	26 Bromochloromethane	128	6.473	6.473	(0.807)	131036	5.00000	5.46
	27 Tetrahydrofuran	42	6.620	6.620	(0.825)	10701	5.00000	5.57
	28 Chloroform (*)	83	6.630	6.630	(0.827)	641328	5.00000	5.21
$	29 Dibromofluoromethane	111	6.896	6.896	(0.860)	457848	5.00000	5.31
	30 1,1,1-Trichloroethane	97	6.916	6.916	(0.862)	602459	5.00000	5.04
	31 Carbon Tetrachloride	117	7.202	7.202	(0.898)	576910	5.00000	5.14
	32 1,1-Dichloropropene	75	7.192	7.192	(0.897)	470185	5.00000	5.09
$	33 1,2-Dichloroethane-d4	65	7.428	7.428	(0.926)	213562	5.00000	5.30
	34 1,2-Dichloroethane-d4 2nd	102	7.448	7.448	(0.929)	39182	5.00000	5.51
	35 Benzene	78	7.527	7.527	(0.939)	663158	5.00000	5.17
	36 1,2-Dichloroethane	62	7.557	7.557	(0.942)	284397	5.00000	5.47
	37 Tert-amyl methyl ether	73	7.813	7.813	(0.974)	343916	5.00000	5.28
*	38 Fluorobenzene	96	8.020	8.020	(1.000)	1613881	10.0000	
	39 Trichloroethene	130	8.670	8.670	(1.081)	416320	5.00000	5.12
	40 1,2-Dichloropropane(*)	63	9.025	9.025	(1.125)	229411	5.00000	5.16
	41 Dibromomethane	93	9.222	9.222	(1.150)	168366	5.00000	5.54
	42 Bromodichloromethane	83	9.538	9.538	(1.189)	461264	5.00000	5.20
	43 2-Chloroethylvinyl ether	106	10.040	10.040	(1.252)	6823	10.0000	9.66(aM)
	44 1-Bromo-2-chloroethane	63	10.040	10.040	(1.252)	211127	5.00000	5.12
	45 cis-1,3-Dichloropropene	75	10.336	10.336	(1.289)	257290	5.00000	5.15
	46 4-Methyl-2-pentanone	43	10.651	10.651	(1.328)	291400	25.0000	26.67
$	47 Toluene-d8	98	10.819	10.819	(0.803)	666301	5.00000	5.04
	48 Toluene (*)	91	10.937	10.937	(0.811)	864497	5.00000	5.09
	49 trans-1,3-Dichloropropene	75	11.371	11.371	(0.844)	165813	5.00000	5.04
	50 1,1,2-Trichloroethane	97	11.676	11.676	(0.866)	148706	5.00000	5.23
	51 Tetrachloroethene	164	11.952	11.952	(0.887)	457906	5.00000	5.16
	52 1,3-Dichloropropane	76	11.972	11.972	(0.888)	237770	5.00000	5.19
	53 2-Hexanone	43	12.209	12.209	(0.906)	186263	25.0000	23.08
	54 Dibromochloromethane	129	12.396	12.396	(0.920)	297788	5.00000	4.95
	55 1,2-Dibromoethane	107	12.573	12.573	(0.933)	200271	5.00000	5.19
*	56 Chlorobenzene-d5	117	13.480	13.480	(1.000)	1216119	10.0000	
	57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	673535	5.00000	5.16
	58 1,1,1,2-Tetrachloroethane	131	13.707	13.707	(1.017)	338007	5.00000	5.16
	59 Ethylbenzene (*)	106	13.795	13.795	(1.023)	322618	5.00000	5.01
	60 m,p-Xylenes	106	14.022	14.022	(1.040)	812685	10.0000	10.25
M	61 Xylenes (total)	100				1191634	15.0000	15.44
	62 o-Xylene	106	14.771	14.771	(1.096)	378949	5.00000	5.19

m
10/13/00

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2046.D
Report Date: 13-Oct-2000 20:40

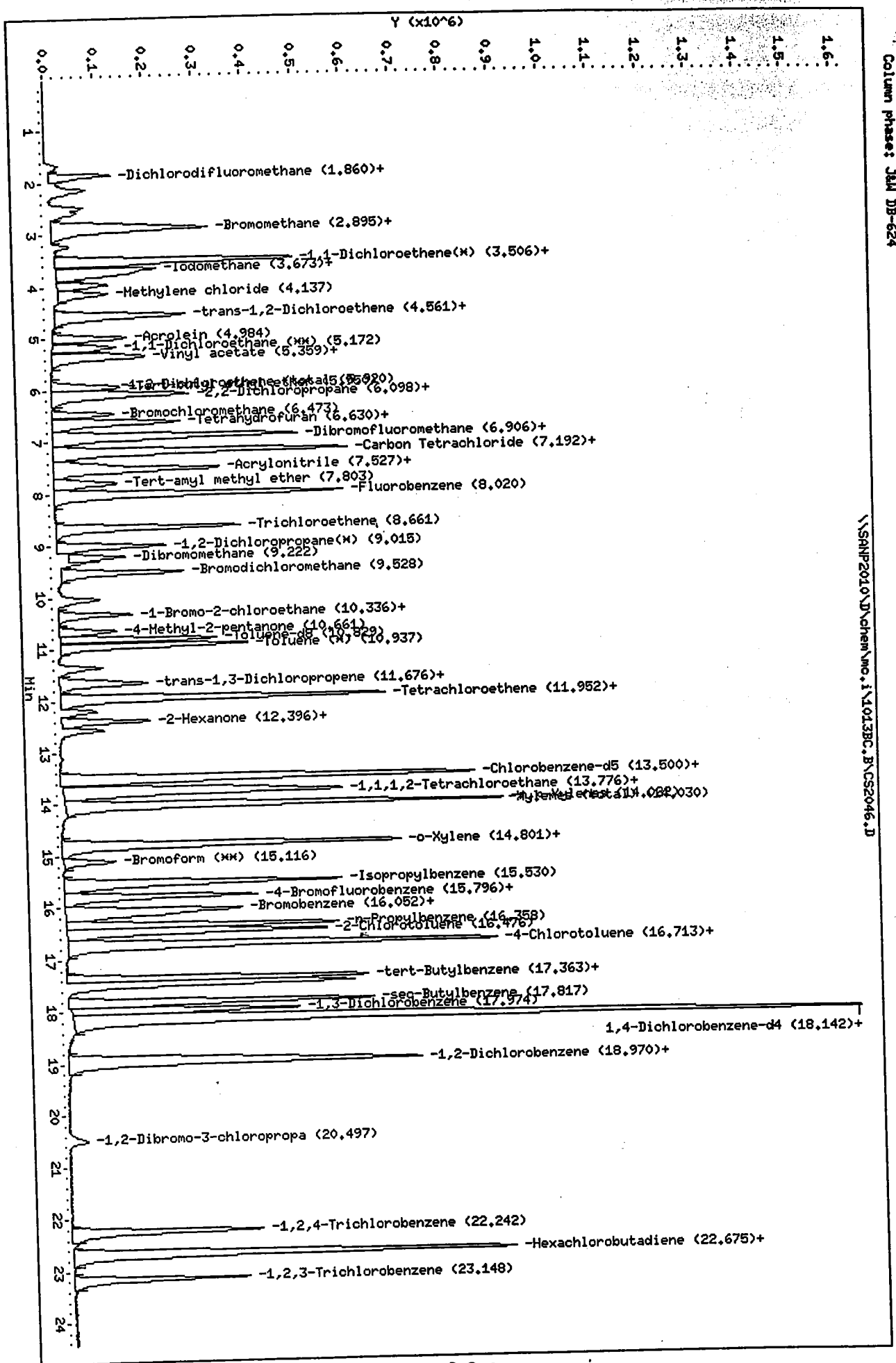
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.810	14.810	(1.099)	556784	5.00000	5.21
64 Bromoform (**)	173	15.126	15.126	(1.122)	161086	5.00000	4.88
65 Isopropylbenzene	105	15.530	15.530	(1.152)	1306879	5.00000	5.12
$ 66 4-Bromofluorobenzene	95	15.806	15.806	(1.173)	478050	5.00000	5.44
67 4-Bromofluorobenzene-2nd	174	15.806	15.806	(1.173)	403572	5.00000	5.42
68 Bromobenzene	156	16.052	16.052	(0.886)	356918	5.00000	4.81
69 1,1,2,2-Tetrachloroethane(**)	83	16.131	16.131	(0.890)	173596	5.00000	4.88
70 1,2,3-Trichloropropane	110	16.180	16.180	(0.893)	46991	5.00000	5.01
71 n-Propylbenzene	91	16.358	16.358	(0.903)	1520664	5.00000	4.94
72 2-Chlorotoluene	126	16.486	16.486	(0.910)	309489	5.00000	4.93
73 4-Chlorotoluene	126	16.693	16.693	(0.921)	309113	5.00000	5.05
74 1,3,5-Trimethylbenzene	105	16.732	16.732	(0.923)	1076053	5.00000	4.91
75 tert-Butylbenzene	119	17.373	17.373	(0.959)	1169562	5.00000	4.84
76 1,2,4-Trimethylbenzene	105	17.481	17.481	(0.965)	1059007	5.00000	4.92
77 sec-Butylbenzene	105	17.817	17.817	(0.983)	1557795	5.00000	4.85
78 1,3-Dichlorobenzene	146	17.984	17.984	(0.992)	663958	5.00000	5.02
* 79 1,4-Dichlorobenzene-d4	152	18.122	18.122	(1.000)	775010	10.0000	
80 p-Isopropyltoluene	119	18.142	18.142	(1.001)	1332053	5.00000	4.96
81 1,4-Dichlorobenzene	146	18.161	18.161	(1.002)	661860	5.00000	8.71(H)
82 1,2-Dichlorobenzene	146	18.901	18.901	(1.043)	544081	5.00000	5.10
83 n-Butylbenzene	91	18.979	18.979	(1.047)	1289690	5.00000	4.86
84 1,2-Dibromo-3-chloropropane	157	20.497	20.497	(1.131)	32931	5.00000	4.75
85 1,2,4-Trichlorobenzene	180	22.252	22.252	(1.228)	472432	5.00000	4.82
86 Hexachlorobutadiene	225	22.666	22.666	(1.251)	657659	5.00000	4.93
87 Napthalene	128	22.715	22.715	(1.253)	300016	5.00000	4.83
88 1,2,3-Trichlorobenzene	180	23.148	23.148	(1.277)	377000	5.00000	5.05

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\SANP2010\D\chem\mo.i\10130C.B\CS2046.D
Date : 13-OCT-2000 18:00
Client ID:
Sample Info: EPPB 8260BSTD,,2.0,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2047.D
Lab Smp Id: 10PPB 8260BSTD
Inj Date : 13-OCT-2000 18:30
Operator : AD
Inst ID: mc.i
Smp Info : 10PPB 8260BSTD,,,3,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 21:13 DONGA
Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30
Cal File: CS2049.D
Als bottle: 4
Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.850	1.850	(0.231)	766726	10.0000	9.95
2 Chloromethane (**)	50	2.116	2.116	(0.264)	295476	10.0000	10.29(M)
3 Vinyl chloride (*)	62	2.136	2.136	(0.266)	342778	10.0000	9.99
4 Bromomethane	94	2.471	2.471	(0.308)	343496	10.0000	9.47
5 Chloroethane	64	2.579	2.579	(0.322)	237618	10.0000	10.71
6 Trichlorofluoromethane	101	2.894	2.894	(0.361)	1284347	10.0000	10.03
7 Acrolein	56	4.984	4.984	(0.621)	275540	100.000	98.43
8 1,1-Dichloroethene(*)	96	3.496	3.496	(0.436)	462688	10.0000	10.03
9 1,1,2-Trichlorotrifluoroethan	151	3.515	3.515	(0.438)	771241	10.0000	10.04
10 Iodomethane	142	3.673	3.673	(0.458)	1925574	20.0000	23.35
11 Acetone	43	3.545	3.545	(0.442)	172923	50.0000	51.24
12 Carbon disulfide	76	3.772	3.772	(0.470)	926442	10.0000	10.14(M)
13 Methylene chloride	84	4.146	4.146	(0.517)	381395	10.0000	10.39
14 Acrylonitrile	53	7.428	7.428	(0.926)	50412	100.000	108.0
15 t-Butanol	59	4.412	4.412	(0.550)	33886	40.0000	40.24

MM 10/17/00

MM 10/17/00

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
16 Vinyl acetate	43	5.329	5.329	(0.664)	971437	20.0000	20.04
17 trans-1,2-Dichloroethene	96	4.550	4.550	(0.567)	527912	10.0000	10.01
18 Methyl-tert-butyl ether[MTBE]	73	4.590	4.590	(0.572)	486532	10.0000	10.54
19 1,1-Dichloroethane (**)	63	5.171	5.171	(0.645)	841407	10.0000	9.94
20 Isopropyl ether	45	5.359	5.359	(0.668)	1135112	10.0000	10.07
21 Tert-butyl ethyl ether	59	5.950	5.950	(0.742)	933926	10.0000	10.33
M 22 1,2-Dichloroethene (total)	100				1056480	20.0000	20.68
23 2,2-Dichloropropane	77	6.078	6.078	(0.758)	458085	10.0000	8.94
24 cis-1,2-Dichloroethene	96	6.098	6.098	(0.760)	528568	10.0000	10.68
25 2-Butanone	43	6.137	6.137	(0.765)	184107	50.0000	48.30
26 Bromochloromethane	128	6.472	6.472	(0.807)	252415	10.0000	10.54
27 Tetrahydrofuran	42	6.581	6.581	(0.821)	24329	10.0000	12.71(M)
28 Chloroform (*)	83	6.640	6.640	(0.828)	1245829	10.0000	10.14
$ 29 Dibromofluoromethane	111	6.886	6.886	(0.859)	885030	10.0000	10.29
30 1,1,1-Trichloroethane	97	6.906	6.906	(0.861)	1222273	10.0000	10.23
31 Carbon Tetrachloride	117	7.192	7.192	(0.897)	1194203	10.0000	10.66
32 1,1-Dichloropropene	75	7.192	7.192	(0.897)	923713	10.0000	10.04
$ 33 1,2-Dichloroethane-d4	65	7.428	7.428	(0.926)	425383	10.0000	10.57
34 1,2-Dichloroethane-d4 2nd	102	7.428	7.428	(0.926)	75053	10.0000	10.58
35 Benzene	78	7.527	7.527	(0.939)	1320083	10.0000	10.31
36 1,2-Dichloroethane	62	7.556	7.556	(0.942)	543162	10.0000	10.50
37 Tert-amyl methyl ether	73	7.803	7.803	(0.973)	660242	10.0000	10.16
* 38 Fluorobenzene	96	8.020	8.020	(1.000)	1611523	10.0000	
39 Trichloroethene	130	8.650	8.650	(1.079)	810225	10.0000	9.99
40 1,2-Dichloropropane(*)	63	9.005	9.005	(1.123)	461025	10.0000	10.39
41 Dibromomethane	93	9.212	9.212	(1.149)	333972	10.0000	11.01
42 Bromodichloromethane	83	9.527	9.527	(1.188)	944578	10.0000	10.67
43 2-Chloroethylvinyl ether	106	10.060	10.060	(1.254)	16216	20.0000	20.74
44 1-Bromo-2-chloroethane	63	10.040	10.040	(1.252)	438429	10.0000	10.64
45 cis-1,3-Dichloropropene	75	10.336	10.336	(1.289)	543196	10.0000	10.87
46 4-Methyl-2-pentanone	43	10.651	10.651	(1.328)	595223	50.0000	54.56
$ 47 Toluene-d8	98	10.828	10.828	(0.803)	1316204	10.0000	10.07
48 Toluene (*)	91	10.937	10.937	(0.811)	1706294	10.0000	10.17
49 trans-1,3-Dichloropropene	75	11.370	11.370	(0.843)	347561	10.0000	10.50
50 1,1,2-Trichloroethane	97	11.686	11.686	(0.866)	298176	10.0000	10.59
51 Tetrachloroethene	164	11.952	11.952	(0.886)	884007	10.0000	10.08
52 1,3-Dichloropropane	76	11.982	11.982	(0.888)	480104	10.0000	10.61
53 2-Hexanone	43	12.208	12.208	(0.905)	392565	50.0000	49.19
54 Dibromochloromethane	129	12.395	12.395	(0.919)	640911	10.0000	10.77
55 1,2-Dibromoethane	107	12.573	12.573	(0.932)	408493	10.0000	10.71
* 56 Chlorobenzene-d5	117	13.489	13.489	(1.000)	1203388	10.0000	
57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	1308886	10.0000	10.15
58 1,1,1,2-Tetrachloroethane	131	13.706	13.706	(1.016)	685312	10.0000	10.59
59 Ethylbenzene (*)	106	13.785	13.785	(1.022)	642183	10.0000	10.08
60 m,p-Xylenes	106	14.032	14.032	(1.040)	1609690	20.0000	20.52
M 61 Xylenes (total)	100				2339398	30.0000	30.62
62 o-Xylene	106	14.781	14.781	(1.096)	729708	10.0000	10.09

m
10/13/00

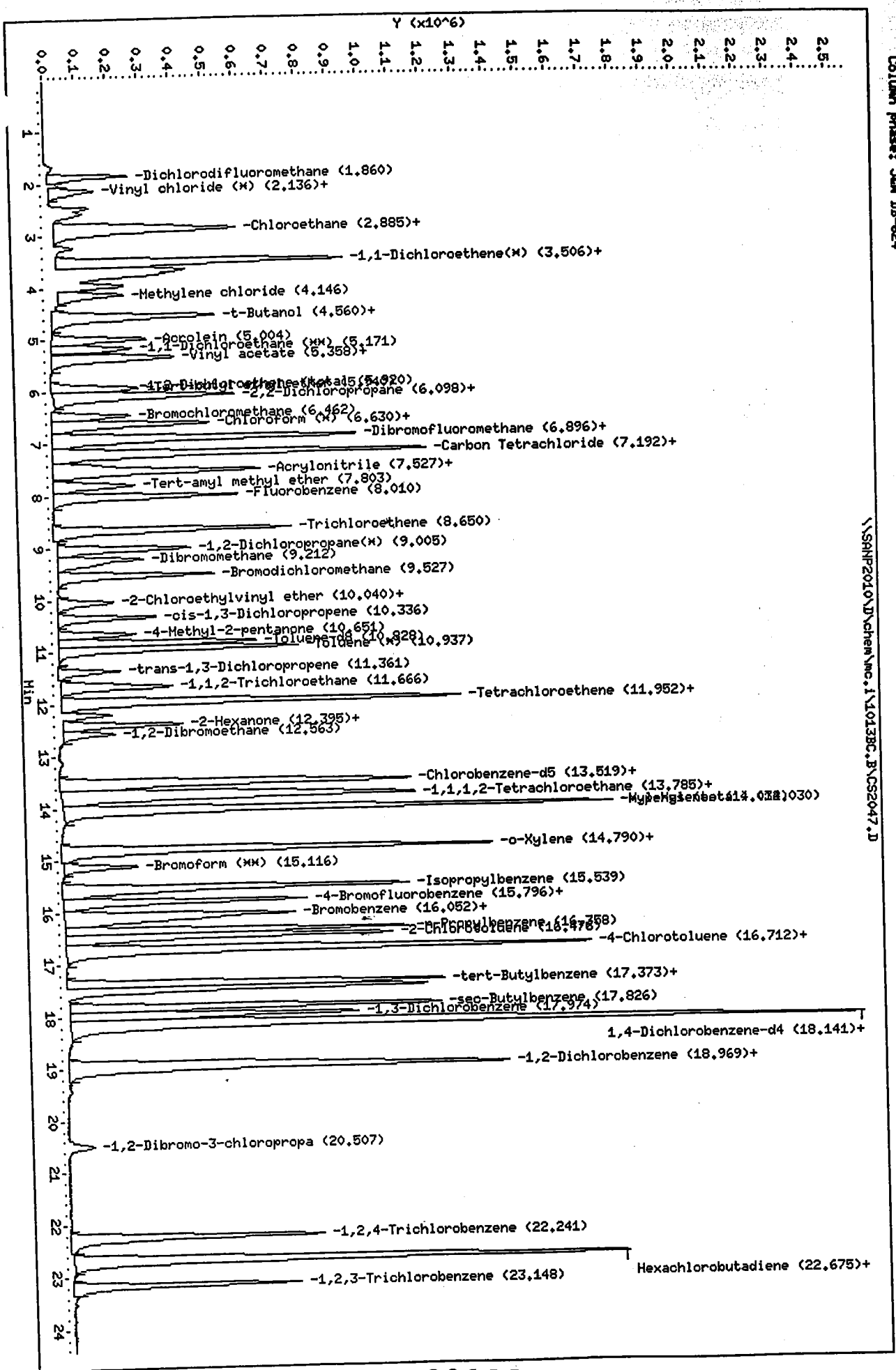
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.810	14.810	(1.098)	1107053	10.0000	10.47
64 Bromoform (**)	173	15.116	15.116	(1.121)	351979	10.0000	10.78
65 Isopropylbenzene	105	15.530	15.530	(1.151)	2571995	10.0000	10.19
$ 66 4-Bromofluorobenzene	95	15.796	15.796	(1.171)	928863	10.0000	10.68
67 4-Bromofluorobenzene-2nd	174	15.796	15.796	(1.171)	789568	10.0000	10.72
68 Bromobenzene	156	16.062	16.062	(0.887)	721285	10.0000	9.96
69 1,1,2,2-Tetrachloroethane(**)	83	16.131	16.131	(0.891)	353535	10.0000	10.18
70 1,2,3-Trichloropropane	110	16.170	16.170	(0.893)	96980	10.0000	10.56
71 n-Propylbenzene	91	16.358	16.358	(0.903)	3005638	10.0000	9.79
72 2-Chlorotoluene	126	16.476	16.476	(0.910)	598810	10.0000	9.74
73 4-Chlorotoluene	126	16.702	16.702	(0.922)	602833	10.0000	10.08
74 1,3,5-Trimethylbenzene	105	16.732	16.732	(0.924)	2075612	10.0000	9.68
75 tert-Butylbenzene	119	17.373	17.373	(0.959)	2308531	10.0000	9.78
76 1,2,4-Trimethylbenzene	105	17.471	17.471	(0.965)	2073927	10.0000	9.87
77 sec-Butylbenzene	105	17.826	17.826	(0.984)	3034666	10.0000	9.64
78 1,3-Dichlorobenzene	146	17.974	17.974	(0.992)	1267723	10.0000	9.83
* 79 1,4-Dichlorobenzene-d4	152	18.112	18.112	(1.000)	755803	10.0000	
80 p-Isopropyltoluene	119	18.141	18.141	(1.002)	2559174	10.0000	9.77
81 1,4-Dichlorobenzene	146	18.161	18.161	(1.003)	1311790	10.0000	10.08(H)
82 1,2-Dichlorobenzene	146	18.900	18.900	(1.044)	1025767	10.0000	9.84
83 n-Butylbenzene	91	18.979	18.979	(1.048)	2542647	10.0000	9.81
84 1,2-Dibromo-3-chloropropane	157	20.507	20.507	(1.132)	73565	10.0000	10.87
85 1,2,4-Trichlorobenzene	180	22.241	22.241	(1.228)	968012	10.0000	10.10
86 Hexachlorobutadiene	225	22.675	22.675	(1.252)	1297582	10.0000	9.96
87 Napthalene	128	22.705	22.705	(1.254)	660303	10.0000	10.89
88 1,2,3-Trichlorobenzene	180	23.148	23.148	(1.278)	731019	10.0000	10.04

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2047.D
Date : 13-OCT-2000 18:30
Client ID:
Sample Info: 10PPB 8260BSTD,,3.0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2048.D
Lab Smp Id: 50PPB 8260BSTD
Inj Date : 13-OCT-2000 19:00
Operator : AD
Inst ID: mc.i
Smp Info : 50PPB 8260BSTD,,,4,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 20:55 DONGA
Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30
Cal File: CS2049.D
Calibration Sample, Level: 4
Als bottle: 5
Dil Factor: 1.00000
Compound Sublist: 1-8260B.SUB
Integrator: HP RTE
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.850	1.850	(0.231)	3600522	50.0000	47.68
2 Chloromethane (**)	50	2.116	2.116	(0.264)	1269634	50.0000	45.14
3 Vinyl chloride (*)	62	2.146	2.146	(0.268)	1665780	50.0000	49.54
4 Bromomethane	94	2.462	2.462	(0.307)	1903146	50.0000	53.53
5 Chloroethane	64	2.570	2.570	(0.320)	1017324	50.0000	46.80
6 Trichlorofluoromethane	101	2.885	2.885	(0.360)	6065900	50.0000	48.32
7 Acrolein	56	4.994	4.994	(0.623)	1326957	500.000	483.6
8 1,1-Dichloroethene(*)	96	3.496	3.496	(0.436)	2160317	50.0000	47.79
9 1,1,2-Trichlorotrifluoroethan	151	3.516	3.516	(0.438)	3560013	50.0000	47.27
10 Iodomethane	142	3.674	3.674	(0.458)	8807012	100.000	109.0
11 Acetone	43	3.565	3.565	(0.445)	642993	250.000	194.4
12 Carbon disulfide	76	3.772	3.772	(0.470)	4911350	50.0000	47.46(M)
13 Methylene chloride	84	4.137	4.137	(0.516)	1774481	50.0000	49.33
14 Acrylonitrile	53	7.429	7.429	(0.926)	245480	500.000	536.6
15 t-Butanol	59	4.413	4.413	(0.550)	166918	200.000	202.3

M 10/13/2000

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.320	5.320	(0.663)	4899751	100.000	103.1
	17 trans-1,2-Dichloroethene	96	4.551	4.551	(0.567)	2509160	50.0000	48.52
	18 Methyl-tert-butyl ether[MTBE]	73	4.590	4.590	(0.572)	2272880	50.0000	50.24
	19 1,1-Dichloroethane (**)	63	5.182	5.182	(0.646)	4110692	50.0000	49.57
	20 Isopropyl ether	45	5.369	5.369	(0.669)	5433286	50.0000	49.18
	21 Tert-butyl ethyl ether	59	5.950	5.950	(0.742)	4457724	50.0000	50.30
M	22 1,2-Dichloroethene (total)	100				4998219	100.000	99.83
	23 2,2-Dichloropropane	77	6.088	6.088	(0.759)	3416162	50.0000	68.04
	24 cis-1,2-Dichloroethene	96	6.098	6.098	(0.760)	2489059	50.0000	51.30
	25 2-Butanone	43	6.167	6.167	(0.769)	867862	250.000	232.3
	26 Bromochloromethane	128	6.473	6.473	(0.807)	1164752	50.0000	49.64
	27 Tetrahydrofuran	42	6.591	6.591	(0.822)	112262	50.0000	62.15
	28 Chloroform (*)	83	6.640	6.640	(0.828)	5912870	50.0000	49.10
$	29 Dibromofluoromethane	111	6.897	6.897	(0.860)	4083879	50.0000	48.43
	30 1,1,1-Trichloroethane	97	6.906	6.906	(0.861)	5924126	50.0000	50.61
	31 Carbon Tetrachloride	117	7.202	7.202	(0.898)	5826217	50.0000	53.05
	32 1,1-Dichloropropene	75	7.192	7.192	(0.897)	4380292	50.0000	48.60
$	33 1,2-Dichloroethane-d4	65	7.429	7.429	(0.926)	1923630	50.0000	48.77
	34 1,2-Dichloroethane-d4 2nd	102	7.429	7.429	(0.926)	358194	50.0000	51.51
	35 Benzene	78	7.527	7.527	(0.939)	6145209	50.0000	48.97
	36 1,2-Dichloroethane	62	7.557	7.557	(0.942)	2487637	50.0000	49.08
	37 Tert-amyl methyl ether	73	7.803	7.803	(0.973)	3250303	50.0000	51.03
*	38 Fluorobenzene	96	8.020	8.020	(1.000)	1579493	10.0000	
	39 Trichloroethene	130	8.661	8.661	(1.080)	3854015	50.0000	48.48
	40 1,2-Dichloropropane(*)	63	9.016	9.016	(1.124)	2168717	50.0000	49.86
	41 Dibromomethane	93	9.223	9.223	(1.150)	1496317	50.0000	50.35
	42 Bromodichloromethane	83	9.528	9.528	(1.188)	4718815	50.0000	54.38
	43 2-Chloroethylvinyl ether	106	10.110	10.110	(1.261)	103154	100.000	149.2
	44 1-Bromo-2-chloroethane	63	10.050	10.050	(1.253)	2223086	50.0000	55.05
	45 cis-1,3-Dichloropropene	75	10.346	10.346	(1.290)	2859101	50.0000	58.37
	46 4-Methyl-2-pentanone	43	10.661	10.661	(1.329)	2766834	250.000	258.8
$	47 Toluene-d8	98	10.819	10.819	(0.803)	5873983	50.0000	48.11
	48 Toluene (*)	91	10.947	10.947	(0.812)	7640132	50.0000	48.73
	49 trans-1,3-Dichloropropene	75	11.371	11.371	(0.844)	1877677	50.0000	61.63
	50 1,1,2-Trichloroethane	97	11.686	11.686	(0.867)	1308385	50.0000	49.75
	51 Tetrachloroethene	164	11.953	11.953	(0.887)	3874261	50.0000	47.30
	52 1,3-Dichloropropane	76	11.982	11.982	(0.889)	2113240	50.0000	50.00
	53 2-Hexanone	43	12.209	12.209	(0.906)	1830508	250.000	245.5
	54 Dibromochloromethane	129	12.396	12.396	(0.920)	3139257	50.0000	56.45
	55 1,2-Dibromoethane	107	12.573	12.573	(0.933)	1858524	50.0000	52.17
*	56 Chlorobenzene-d5	117	13.480	13.480	(1.000)	1124179	10.0000	
	57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	5934133	50.0000	49.24
	58 1,1,1,2-Tetrachloroethane	131	13.717	13.717	(1.018)	3112952	50.0000	51.48
	59 Ethylbenzene (*)	106	13.796	13.796	(1.023)	2863981	50.0000	48.13
	60 m,p-Xylenes	106	14.032	14.032	(1.041)	7097503	100.000	96.88
M	61 Xylenes (total)	100				10382497	150.000	145.5
	62 o-Xylene	106	14.781	14.781	(1.097)	3284994	50.0000	48.62

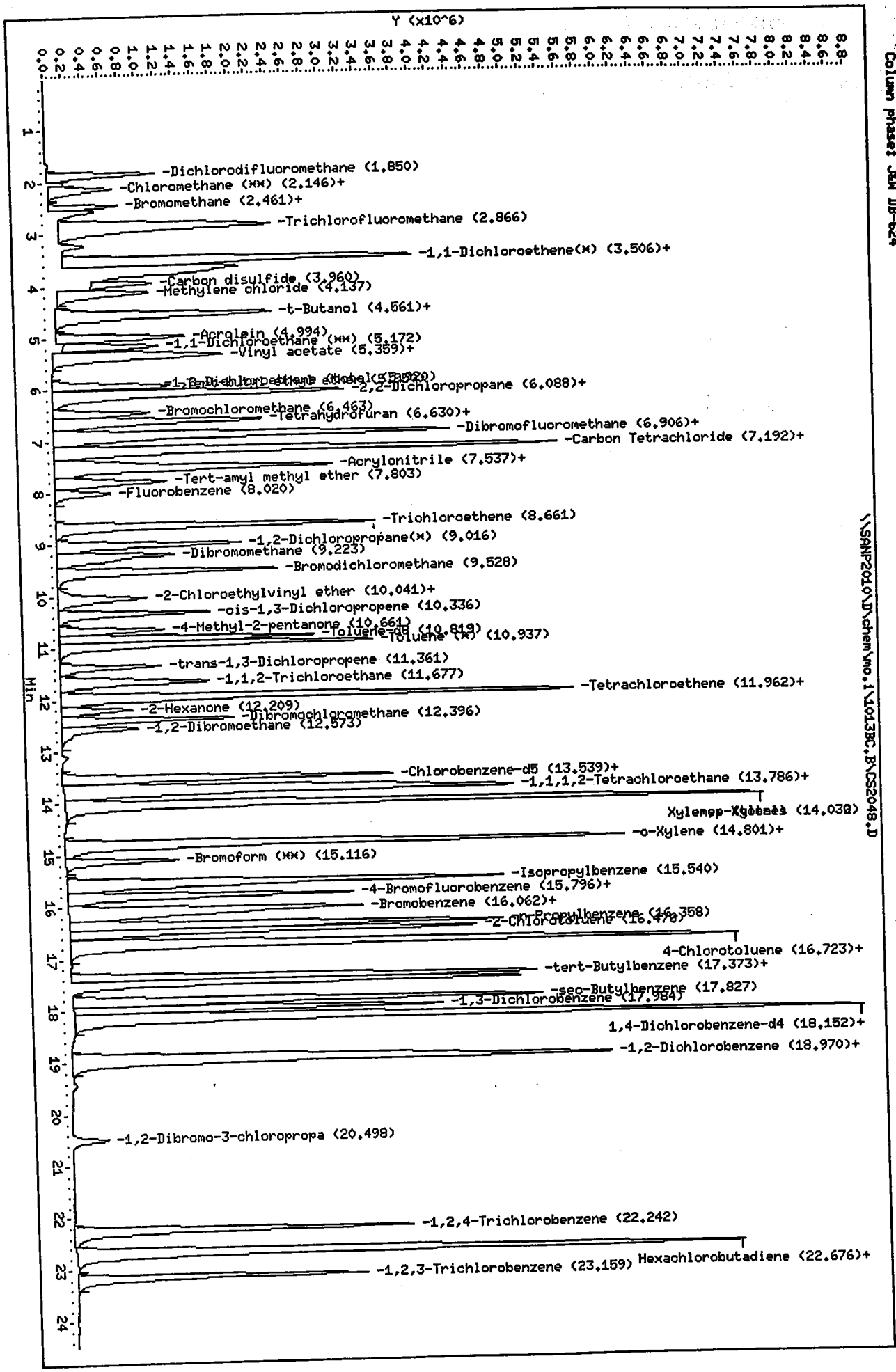
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.811	14.811	(1.099)	4935853	50.0000	49.99
64 Bromoform (**)	173	15.116	15.116	(1.121)	1820488	50.0000	59.68
65 Isopropylbenzene	105	15.540	15.540	(1.153)	11253496	50.0000	47.74
$ 66 4-Bromofluorobenzene	95	15.796	15.796	(1.172)	3730972	50.0000	45.92
67 4-Bromofluorobenzene-2nd	174	15.796	15.796	(1.172)	3102813	50.0000	45.10
68 Bromobenzene	156	16.062	16.062	(0.886)	3178839	50.0000	50.98
69 1,1,2,2-Tetrachloroethane(**)	83	16.131	16.131	(0.890)	1553216	50.0000	51.93
70 1,2,3-Trichloropropane	110	16.171	16.171	(0.892)	421724	50.0000	53.35
71 n-Propylbenzene	91	16.368	16.368	(0.903)	13483053	50.0000	50.99
72 2-Chlorotoluene	126	16.486	16.486	(0.910)	2594423	50.0000	49.04
73 4-Chlorotoluene	126	16.703	16.703	(0.922)	2585195	50.0000	50.22
74 1,3,5-Trimethylbenzene	105	16.742	16.742	(0.924)	9039568	50.0000	48.96
75 tert-Butylbenzene	119	17.373	17.373	(0.959)	10028444	50.0000	49.37
76 1,2,4-Trimethylbenzene	105	17.482	17.482	(0.965)	8866051	50.0000	49.02
77 sec-Butylbenzene	105	17.827	17.827	(0.984)	13181449	50.0000	48.65
78 1,3-Dichlorobenzene	146	17.984	17.984	(0.992)	5536001	50.0000	49.84
* 79 1,4-Dichlorobenzene-d4	152	18.122	18.122	(1.000)	650788	10.0000	
80 p-Isopropyltoluene	119	18.142	18.142	(1.001)	10867277	50.0000	48.17
81 1,4-Dichlorobenzene	146	18.172	18.172	(1.003)	5440691	50.0000	60.76
82 1,2-Dichlorobenzene	146	18.901	18.901	(1.043)	4494705	50.0000	50.10
83 n-Butylbenzene	91	18.980	18.980	(1.047)	10950704	50.0000	49.05
84 1,2-Dibromo-3-chloropropane	157	20.498	20.498	(1.131)	376172	50.0000	64.57
85 1,2,4-Trichlorobenzene	180	22.242	22.242	(1.227)	4349925	50.0000	52.73
86 Hexachlorobutadiene	225	22.676	22.676	(1.251)	5495201	50.0000	48.98
87 Napthalene	128	22.705	22.705	(1.253)	2920180	50.0000	55.92
88 1,2,3-Trichlorobenzene	180	23.159	23.159	(1.278)	3189876	50.0000	50.86

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SANP2010\D\chem\mo.i\1013BC.B\CS2048.D
Date : 13-OCT-2000 19:00
Client ID:
Sample Info: 50PPB 8260BSTD,,,4,0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2049.D
Lab Smp Id: 100PPB 8260BSTD
Inj Date : 13-OCT-2000 19:30
Operator : AD
Inst ID: mc.i
Smp Info : 100PPB 8260BSTD,,,5,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 20:55 DONGA
Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30
Cal File: CS2049.D
Als bottle: 6
Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.860	1.860	(0.231)	6273623	100.000	98.99
2 Chloromethane (**)	50	2.086	2.086	(0.259)	2476406	100.000	104.9(A)
3 Vinyl chloride (*)	62	2.155	2.155	(0.268)	2957109	100.000	104.8(A)
4 Bromomethane	94	2.481	2.481	(0.308)	3202460	100.000	107.3(A)
5 Chloroethane	64	2.589	2.589	(0.322)	1637059	100.000	89.74
6 Trichlorofluoromethane	101	2.904	2.904	(0.361)	10432650	100.000	99.02
7 Acrolein	56	5.043	5.043	(0.627)	2467232	1000.00	1071(A)
8 1,1-Dichloroethene(*)	96	3.515	3.515	(0.437)	3862643	100.000	101.8(A)
9 1,1,2-Trichlorotrifluoroethan	151	3.545	3.545	(0.440)	6207549	100.000	98.22
10 Iodomethane	142	3.703	3.703	(0.460)	11666037	200.000	172.0
11 Acetone	43	3.575	3.575	(0.444)	843473	500.000	303.9
12 Carbon disulfide	76	3.801	3.801	(0.472)	7796560	100.000	97.73(M)
13 Methylene chloride	84	4.176	4.176	(0.519)	2766436	100.000	91.64
14 Acrylonitrile	53	7.458	7.458	(0.927)	344681	1000.00	897.8
15 t-Butanol	59	4.412	4.412	(0.548)	202478	400.000	292.4

MJ 10/13/2000

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2049.D
Report Date: 13-Oct-2000 21:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.368	5.368	(0.667)	7598938	200.000	190.6
	17 trans-1,2-Dichloroethene	96	4.590	4.590	(0.570)	4446594	100.000	102.5(A)
	18 Methyl-tert-butyl ether[MTBE]	73	4.619	4.619	(0.574)	2983814	100.000	78.59
	19 1,1-Dichloroethane (**)	63	5.220	5.220	(0.649)	7098050	100.000	102.0(A)
	20 Isopropyl ether	45	5.398	5.398	(0.671)	8758659	100.000	94.46
	21 Tert-butyl ethyl ether	59	5.970	5.970	(0.742)	6850293	100.000	92.10
M	22 1,2-Dichloroethene (total)	100				8495539	200.000	201.9
	23 2,2-Dichloropropane	77	6.147	6.147	(0.764)	6038858	100.000	143.3(A)
	24 cis-1,2-Dichloroethene	96	6.147	6.147	(0.764)	4048945	100.000	99.45
	25 2-Butanone	43	6.167	6.167	(0.766)	1174798	500.000	374.7
	26 Bromochloromethane	128	6.511	6.511	(0.809)	1507928	100.000	76.58
	27 Tetrahydrofuran	42	6.610	6.610	(0.821)	147657	100.000	97.41
	28 Chloroform (*)	83	6.669	6.669	(0.829)	9185448	100.000	90.88
$	29 Dibromofluoromethane	111	6.926	6.926	(0.860)	5887603	100.000	83.20
	30 1,1,1-Trichloroethane	97	6.965	6.965	(0.865)	9835857	100.000	100.1(A)
	31 Carbon Tetrachloride	117	7.251	7.251	(0.901)	9650671	100.000	104.7(A)
	32 1,1-Dichloropropene	75	7.241	7.241	(0.900)	7426263	100.000	98.18
$	33 1,2-Dichloroethane-d4	65	7.458	7.458	(0.927)	2590673	100.000	78.27
	34 1,2-Dichloroethane-d4 2nd	102	7.458	7.458	(0.927)	472907	100.000	81.03
	35 Benzene	78	7.576	7.576	(0.941)	9879649	100.000	93.82
	36 1,2-Dichloroethane	62	7.596	7.596	(0.944)	3385807	100.000	79.59
	37 Tert-amyl methyl ether	73	7.822	7.822	(0.972)	4499672	100.000	84.18
*	38 Fluorobenzene	96	8.049	8.049	(1.000)	1325546	10.0000	
	39 Trichloroethene	130	8.690	8.690	(1.080)	6382399	100.000	95.67
	40 1,2-Dichloropropane(*)	63	9.044	9.044	(1.124)	3237382	100.000	88.68
	41 Dibromomethane	93	9.242	9.242	(1.148)	1810915	100.000	72.60
	42 Bromodichloromethane	83	9.547	9.547	(1.186)	6623398	100.000	90.94
	43 2-Chloroethylvinyl ether	106	10.109	10.109	(1.256)	95944	200.000	149.2(M)
	44 1-Bromo-2-chloroethane	63	10.069	10.069	(1.251)	2843827	100.000	83.91
	45 cis-1,3-Dichloropropene	75	10.355	10.355	(1.287)	4085841	100.000	99.40
	46 4-Methyl-2-pentanone	43	10.661	10.661	(1.324)	3735686	500.000	416.3
$	47 Toluene-d8	98	10.848	10.848	(0.804)	9301568	100.000	95.72
	48 Toluene (*)	91	10.966	10.966	(0.812)	12429969	100.000	99.62
	49 trans-1,3-Dichloropropene	75	11.380	11.380	(0.843)	2654604	100.000	109.5(A)
	50 1,1,2-Trichloroethane	97	11.696	11.696	(0.866)	1780231	100.000	85.06
	51 Tetrachloroethene	164	11.972	11.972	(0.887)	6417667	100.000	98.45
	52 1,3-Dichloropropane	76	11.991	11.991	(0.888)	2895623	100.000	86.08
	53 2-Hexanone	43	12.198	12.198	(0.904)	2398740	500.000	404.3
	54 Dibromochloromethane	129	12.405	12.405	(0.919)	4388456	100.000	99.16
	55 1,2-Dibromoethane	107	12.583	12.583	(0.932)	2517836	100.000	88.81
*	56 Chlorobenzene-d5	117	13.499	13.499	(1.000)	894739	10.0000	
	57 Chlorobenzene (**)	112	13.549	13.549	(1.004)	9160029	100.000	95.50
	58 1,1,1,2-Tetrachloroethane	131	13.726	13.726	(1.017)	4601571	100.000	95.62
	59 Ethylbenzene (*)	106	13.815	13.815	(1.023)	4797985	100.000	101.3(A)
	60 m,p-Xylenes	106	14.051	14.051	(1.041)	11388791	200.000	195.3
M	61 Xylenes (total)	100				16575722	300.000	291.8
	62 o-Xylene	106	14.790	14.790	(1.096)	5186931	100.000	96.47

MM 10/14/2000

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2049.D
Report Date: 13-Oct-2000 21:02

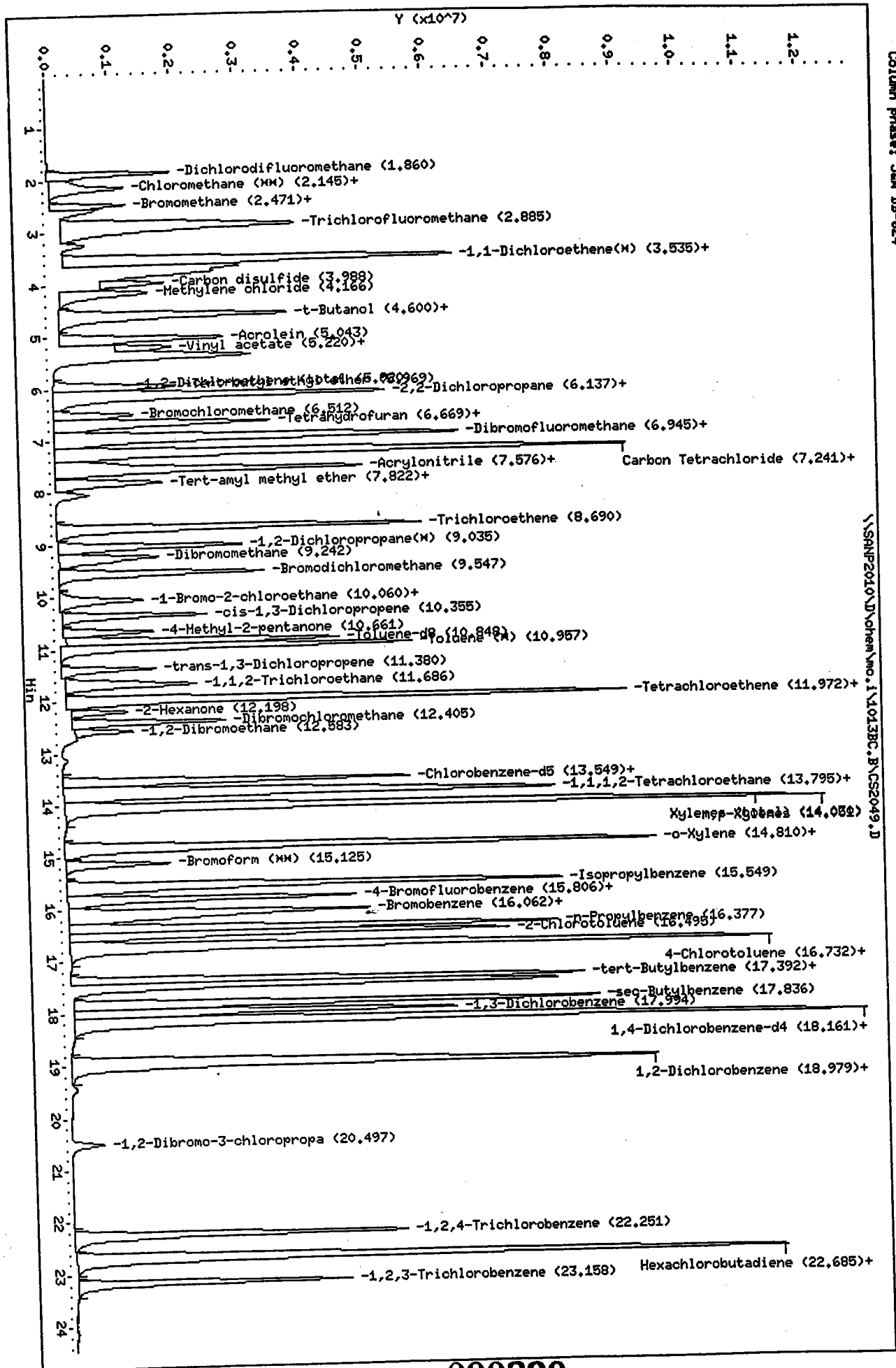
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.830	14.830	(1.099)	7342583	100.000	93.43
64 Bromoform (**)	173	15.125	15.125	(1.120)	2527657	100.000	104.1(A)
65 Isopropylbenzene	105	15.549	15.549	(1.152)	19101112	100.000	101.8(A)
$ 66 4-Bromofluorobenzene	95	15.806	15.806	(1.171)	5448404	100.000	84.25
67 4-Bromofluorobenzene-2nd	174	15.815	15.815	(1.172)	4565591	100.000	83.37
68 Bromobenzene	156	16.062	16.062	(0.886)	4630916	100.000	103.6(A)
69 1,1,2,2-Tetrachloroethane(**)	83	16.141	16.141	(0.890)	2041163	100.000	95.20
70 1,2,3-Trichloropropane	110	16.180	16.180	(0.892)	547142	100.000	96.55
71 n-Propylbenzene	91	16.377	16.377	(0.903)	21894451	100.000	115.5(A)
72 2-Chlorotoluene	126	16.495	16.495	(0.910)	4011083	100.000	105.8(A)
73 4-Chlorotoluene	126	16.712	16.712	(0.922)	3879784	100.000	105.1(A)
74 1,3,5-Trimethylbenzene	105	16.752	16.752	(0.924)	14378432	100.000	108.6(A)
75 tert-Butylbenzene	119	17.392	17.392	(0.959)	16218459	100.000	111.4(A)
76 1,2,4-Trimethylbenzene	105	17.491	17.491	(0.965)	13953950	100.000	107.6(A)
77 sec-Butylbenzene	105	17.836	17.836	(0.984)	22062135	100.000	113.6(A)
78 1,3-Dichlorobenzene	146	17.994	17.994	(0.992)	8196277	100.000	102.9(A)
* 79 1,4-Dichlorobenzene-d4	152	18.131	18.131	(1.000)	466527	10.0000	
80 p-Isopropyltoluene	119	18.151	18.151	(1.001)	17346104	100.000	107.3(A)
81 1,4-Dichlorobenzene	146	18.181	18.181	(1.003)	7602010	100.000	118.4(A)
82 1,2-Dichlorobenzene	146	18.910	18.910	(1.043)	6321529	100.000	98.30
83 n-Butylbenzene	91	18.989	18.989	(1.047)	17841067	100.000	111.5(A)
84 1,2-Dibromo-3-chloropropane	157	20.497	20.497	(1.130)	497352	100.000	119.1(A)
85 1,2,4-Trichlorobenzene	180	22.251	22.251	(1.227)	6174722	100.000	104.4(A)
86 Hexachlorobutadiene	225	22.675	22.675	(1.251)	8905628	100.000	110.7(A)
87 Napthalene	128	22.714	22.714	(1.253)	3583460	100.000	95.73
88 1,2,3-Trichlorobenzene	180	23.158	23.158	(1.277)	4296867	100.000	95.58

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2049.D
Date : 13-OCT-2000 19:30
Client ID:
Sample Info: 100PPB 8260BSTD,,5.0,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



8260B INITIAL CALIBRATION DATA

DATE ANALYZED: 100400

INSTRUMENT ID: MSD

SAMPLES: EOJ090227

TL Los Angeles

D: _____

GC/MS VOA Run Log

EJK 10/26.0

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☑ 5030B ☐ 5035

Seq File: 1004 AD

Tune File: BFB

Date: 10-4-00

MSD

EM Set: 1706

Cal ID: 8260BDA 9-6-00

	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
	GFB	DT1561	50ng BFB	—	—	1ul	—	—	✓			1198-1
6		DS2512	50ppb 8260B STD	1	S	5g	1	132	N			1239-1 vinyl chl low
7		13	50ppb 8260B	1				137	N			
2		14	50ppb 8260B	1				77	N			
2		DT1562	50ng BFB	—	—	14	—	—	✓			STD 1242-2, IS1240-1, SUR1252-1
5		DS2515	50ppb 8260B	1	S	5g	1	148	—			
6		16	5ppb 8260B	2				141	—			~~1236-1~~
8		17	10ppb 8260B	3				151	—			sur 1238-1
30		18	100ppb 8260B	4				149	—			sur 1238-1
02		19	400ppb 8260B	5				149	—			Inst. Blank
34		D12712	MB	6				152	—			Second Source QC1235-2
06		13	100460AD1-LCS-S	7				151	—			

000292

000088

Version 01/04/99

G:\FORMS\Run Log\MSV Runlog.DOC

BOE-C6-0150715

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 04-OCT-2000 11:03
End Cal Date : 04-OCT-2000 14:02
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.M
Cal Date : 04-Oct-2000 14:38 ramirezr
Curve Type : Average

Calibration File Names:
Level 1: \\SANP2021\D\chem\md.i\1004AD.B\DS2516.D
Level 2: \\SANP2021\D\chem\md.i\1004AD.B\DS2517.D
Level 3: \\SANP2021\D\chem\md.i\1004AD.B\DS2515.D
Level 4: \\SANP2021\D\chem\md.i\1004AD.B\DS2518.D
Level 5: \\SANP2021\D\chem\md.i\1004AD.B\DS2519.D

Compound	5.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	400.000 Level 5	RRF	% RSD
1 Dichlorodifluoromethane	0.52156	0.42671	0.51813	0.39660	0.36918	0.44644	15.689
2 Vinyl chloride (*)	0.26596	0.20081	0.23917	0.19389	0.18054	0.21607	16.379
3 Chloromethane (**)	0.24177	0.17789	0.22237	0.16068	0.14790	0.19012	21.213
4 Bromomethane	0.29823	0.22046	0.23906	0.18879	0.15274	0.21985	24.893
5 Chloroethane	0.19234	0.14278	0.16331	0.12434	0.07543	0.13964	31.429 <-
6 Trichlorofluoromethane	0.91581	0.77583	0.78085	0.70708	0.40190	0.71629	26.713
7 Acrolein	0.00989	0.01320	0.01340	0.01536	0.01508	0.01339	16.283
8 1,1-Dichloroethene(*)	0.35401	0.28354	0.26903	0.26659	0.23498	0.28163	15.683
9 1,1,2-Trichlorotrifluoroethan	0.60256	0.49150	0.38480	0.46963	0.40072	0.46984	18.461
10 Acetone	0.05973	0.06028	0.05688	0.05659	0.04330	0.05535	12.536
11 Iodomethane	0.62688	0.51811	0.59747	0.52897	0.44102	0.54249	13.426
12 Carbon disulfide	0.83116	0.61797	0.55402	0.60369	0.55183	0.63173	18.250
13 Methylene chloride	0.33325	0.28164	0.28337	0.26975	0.26255	0.28611	9.687
14 t-Butanol	0.00856	0.00691	0.00665	0.00678	0.00741	0.00726	10.783
15 trans-1,2-Dichloroethene	0.41130	0.32114	0.31056	0.30806	0.28233	0.32668	15.125
16 Acrylonitrile	0.03694	0.04402	0.04748	0.04627	0.03809	0.04256	11.247
17 Methyl-tert-butyl ether(MTBE)	0.82771	0.77397	0.73522	0.75689	0.66728	0.75221	7.779
18 1,1-Dichloroethane (**)	0.69577	0.55514	0.54517	0.52108	0.49747	0.56293	13.777
19 Vinyl acetate	0.83850	0.73189	0.72657	0.70523	0.62714	0.72587	10.423
20 Isopropyl ether	1.24720	0.96265	0.94179	0.89632	0.81976	0.97354	16.692
21 2,2-Dichloropropane	0.77800	0.59343	0.58498	0.57007	0.52865	0.61103	15.811
22 Tert-butyl ethyl ether	1.06118	0.92590	0.92333	0.90385	0.84078	0.93101	8.644
23 cis-1,2-Dichloroethene	0.38016	0.33407	0.32217	0.32165	0.29984	0.33158	8.998
24 2-Butanone	0.10107	0.10100	0.09720	0.09926	0.08218	0.09614	8.283
25 Bromochloromethane	0.21552	0.23212	0.22134	0.22068	0.20447	0.21883	4.589
26 Chloroform (*)	0.87637	0.70198	0.73485	0.71264	0.63581	0.73233	12.094

GFB 10/5/

10-5-00

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 04-OCT-2000 11:03
End Cal Date : 04-OCT-2000 14:02
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.M
Cal Date : 04-Oct-2000 14:38 ramirezr
Curve Type : Average

	Compound	5.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	400.000 Level 5	RRF	% RSD
	27 Tetrahydrofuran	0.04860	0.06066	0.06738	0.06154	0.05228	0.05809	13.020
M	28 1,2-Dichloroethene (total)	0.39573	0.32761	0.31636	0.31486	0.29108	0.32913	12.012
	30 1,1,1-Trichloroethane	0.90130	0.74890	0.74778	0.74527	0.66956	0.76256	11.089
	31 Carbon Tetrachloride	0.85843	0.73947	0.69489	0.71501	0.63906	0.72937	11.119
	32 1,1-Dichloropropene	0.69280	0.55655	0.50884	0.50565	0.45241	0.54325	16.818
	34 1,2-Dichloroethane-d4 2nd	0.11153	0.09967	0.09708	0.09388	0.08208	0.09685	10.958
	35 Benzene	1.04490	0.85022	0.81928	0.80541	0.72278	0.84852	14.080
	36 1,2-Dichloroethane	0.57980	0.54529	0.53018	0.53396	0.48238	0.53432	6.553
	37 Tert-amyl methyl ether	0.96146	0.86419	0.89968	0.88253	0.80846	0.88326	6.289
	39 Trichloroethene	0.54735	0.46741	0.44434	0.45301	0.42447	0.46731	10.136
	40 1,2-Dichloropropane(*)	0.41021	0.34790	0.33456	0.32832	0.30872	0.34594	11.157
	41 Dibromomethane	0.31861	0.33395	0.32837	0.33230	0.29798	0.32224	4.596
	42 Bromodichloromethane	0.76201	0.71064	0.70898	0.72206	0.67713	0.71616	4.271
	43 1-Bromo-2-chloroethane	0.75650	0.80496	0.81331	0.81361	0.75417	0.78851	3.867
	44 2-Chloroethylvinyl ether	0.02549	0.04480	0.04766	0.05117	0.05051	0.04393	24.162
	45 cis-1,3-Dichloropropene	0.60057	0.53307	0.51481	0.54087	0.51230	0.54033	6.621
	46 4-Methyl-2-pentanone	0.24582	0.27292	0.26642	0.28897	0.22675	0.26017	9.323
	48 Toluene (*)	1.51088	1.22663	1.14987	1.15446	1.06889	1.22215	13.975
	49 trans-1,3-Dichloropropene	0.55286	0.55963	0.54802	0.57064	0.55881	0.55799	1.523
	50 1,1,2-Trichloroethane	0.43834	0.41101	0.39934	0.39910	0.36795	0.40315	6.288
	51 Tetrachloroethene	0.68758	0.56461	0.50803	0.52833	0.48547	0.55481	14.369
	52 1,3-Dichloropropane	0.71211	0.64926	0.61826	0.63856	0.55501	0.63464	8.927
	53 2-Hexanone	0.20203	0.22835	0.22991	0.24543	0.19739	0.22062	9.198
	54 Dibromochloromethane	0.72566	0.74573	0.75857	0.75472	0.70446	0.73783	3.061
	55 1,2-Dibromoethane	0.60530	0.63188	0.60096	0.63532	0.57871	0.61043	3.843
	57 Chlorobenzene (**)	1.20132	0.98673	0.90985	0.94631	0.86843	0.98253	13.221
	58 1,1,1,2-Tetrachloroethane	0.66584	0.59618	0.58154	0.58899	0.53753	0.59402	7.776
	59 Ethylbenzene (*)	0.57249	0.45024	0.42725	0.44555	0.39674	0.45846	14.641
	60 m,p-Xylenes	0.72775	0.59247	0.53677	0.54109	0.48172	0.57596	16.228
	61 o-Xylene	0.66358	0.56783	0.52964	0.53221	0.48893	0.55644	11.878
	62 Styrene	1.08881	0.91811	0.88684	0.90567	0.82167	0.92422	10.736
M	63 Xylenes (total)	0.70636	0.58426	0.53439	0.53813	0.48412	0.56945	14.811
	64 Bromoform (**)	0.50429	0.60460	0.61022	0.65200	0.60475	0.59517	9.162

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 04-OCT-2000 11:03
End Cal Date : 04-OCT-2000 14:02
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.M
Cal Date : 04-Oct-2000 14:38 ramirezr
Curve Type : Average

Compound	5.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	400.000 Level 5	RRF	% RSD
65 Isopropylbenzene	2.16093	1.77853	1.63308	1.69704	1.50228	1.75437	14.177
66 4-Bromofluorobenzene-2nd	1.38633	0.96008	0.91481	0.88148	0.83529	0.99560	22.413
68 Bromobenzene	0.97322	0.81419	0.79516	0.79465	0.77583	0.83061	9.736
69 1,1,2,2-Tetrachloroethane(**)	0.86119	0.87782	0.86053	0.88107	0.79556	0.85523	4.051
70 1,2,3-Trichloropropane	0.24961	0.28618	0.29412	0.29992	0.27068	0.28010	7.240
71 n-Propylbenzene	3.24646	2.64103	2.34579	2.48211	2.22479	2.58803	15.434
72 2-Chlorotoluene	0.80795	0.61548	0.57002	0.57617	0.55895	0.62571	16.634
73 4-Chlorotoluene	0.82249	0.63315	0.61419	0.60637	0.59101	0.65344	14.647
74 1,3,5-Trimethylbenzene	2.66372	2.06396	1.92638	1.95765	1.79762	2.08187	16.276
75 tert-Butylbenzene	2.78101	2.04294	1.99675	2.03108	1.90002	2.15036	16.601
76 1,2,4-Trimethylbenzene	2.72943	2.08667	1.94744	1.98397	1.85056	2.11961	16.570
77 sec-Butylbenzene	3.70928	2.64015	2.56433	2.69087	2.49613	2.82015	17.819
78 1,3-Dichlorobenzene	1.79289	1.36433	1.29870	1.28193	1.22768	1.39311	16.420
80 1,4-Dichlorobenzene	2.01764	1.51868	1.40361	1.38149	1.27809	1.51990	19.151
81 p-Isopropyltoluene	3.10069	2.23918	2.14397	2.19282	1.95813	2.32696	19.145
82 1,2-Dichlorobenzene	1.65290	1.33128	1.24129	1.24913	1.18707	1.33233	13.995
83 n-Butylbenzene	2.93693	2.04933	2.01283	2.13790	1.97285	2.22197	18.196
84 1,2-Dibromo-3-chloropropane	0.21950	0.28554	0.29548	0.32973	0.31911	0.28987	14.885
85 1,2,4-Trichlorobenzene	1.55777	1.16575	1.12259	1.18084	1.12556	1.23050	15.008
86 Hexachlorobutadiene	1.35428	0.59857	0.83650	0.99188	0.86515	0.92928	29.794
87 Napthalene	2.22236	1.85456	1.77051	1.87490	1.58582	1.86163	12.446
88 1,2,3-Trichlorobenzene	1.44052	1.11305	1.07399	1.08609	1.02754	1.14824	14.482
$ 29 Dibromofluoromethane	0.90589	0.68813	0.69096	0.67979	0.59121	0.71120	16.372
$ 33 1,2-Dichloroethane-d4	0.58784	0.49004	0.45006	0.46069	0.41159	0.48005	13.850
$ 47 Toluene-d8	1.62605	1.15229	1.06939	1.03497	0.90472	1.15748	23.905
$ 67 4-Bromofluorobenzene	1.85435	1.28372	1.23251	1.18164	1.09181	1.32880	22.743

Data File: \\SANP2021\D\chem\md.i\1004AD.B/DS2519.D
Report Date: 10/04/2000

INITIAL CALIBRATION REPORT

Instrument ID: md.i
Lab File ID: DS2519.D
Analysis Type: SOIL

Injection Date: 04-OCT-2000 14:02
Lab Sample ID: 400 PPB 8260B STD
Method File: \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.

COMPOUND	%RSD
Dichlorodifluoromethane	15.7
Chloromethane (**)	21.2
Vinyl chloride (*)	16.4
Bromomethane	24.9
Chloroethane	31.4
Trichlorofluoromethane	26.7
t-Butanol	10.8
Acrolein	16.1
1,1-Dichloroethene(*)	15.7
1,1,2-Trichlorotrifluoroethan	18.5
Acetone	13.1
Iodomethane	13.3
Carbon disulfide	18.0
Methylene chloride	9.7
trans-1,2-Dichloroethene	15.1
Acrylonitrile	11.2
Methyl-tert-butyl ether[MTBE]	7.8
1,1-Dichloroethane (**)	13.8
Vinyl acetate	10.5
Isopropyl ether	16.6
Tert-butyl ethyl ether	8.6
2,2-Dichloropropane	15.8
cis-1,2-Dichloroethene	9.0
2-Butanone	8.7
Bromochloromethane	4.6
Tetrahydrofuran	12.2
Chloroform (*)	12.1
1,2-Dichloroethene (total)	12.0
1,1,1-Trichloroethane	11.1
Dibromofluoromethane	16.3
Carbon Tetrachloride	11.1
1,1-Dichloropropene	16.8
1,2-Dichloroethane-d4 2nd	7.7
1,2-Dichloroethane-d4	13.8
Benzene	14.1
1,2-Dichloroethane	6.5
Tert-amyl methyl ether	6.3
Trichloroethene	10.1
1,2-Dichloropropane(*)	11.2

Data File: \\SANP2021\D\chem\md.i\1004AD.B/DS2519.D
Report Date: 10/04/2000

INITIAL CALIBRATION REPORT

Instrument ID: md.i
Lab File ID: DS2519.D
Analysis Type: SOIL

Injection Date: 04-OCT-2000 14:02
Lab Sample ID: 400 PPB 8260B STD
Method File: \\SANP2021\D\chem\md.i\1004AD.B\8

COMPOUND	%RSD
Dibromomethane	4.6
Bromodichloromethane	4.3
1-Bromo-2-chloroethane	3.9
2-Chloroethylvinyl ether	24.2
cis-1,3-Dichloropropene	6.6
4-Methyl-2-pentanone	9.3
Toluene-d8	23.9
Toluene (*)	14.0
trans-1,3-Dichloropropene	1.5
1,1,2-Trichloroethane	6.3
Tetrachloroethene	14.4
1,3-Dichloropropane	8.9
2-Hexanone	9.2
Dibromochloromethane	3.0
1,2-Dibromoethane	3.8
Chlorobenzene (**)	13.2
1,1,1,2-Tetrachloroethane	7.8
Ethylbenzene (*)	14.6
m,p-Xylenes	16.2
o-Xylene	11.9
Styrene	10.7
Xylenes (total)	14.8
Bromoform (**)	9.2
Isopropylbenzene	14.2
4-Bromofluorobenzene	22.7
4-Bromofluorobenzene-2nd	22.4
Bromobenzene	9.7
1,1,2,2-Tetrachloroethane(**)	4.1
1,2,3-Trichloropropane	7.2
n-Propylbenzene	15.4
2-Chlorotoluene	16.6
4-Chlorotoluene	14.6
1,3,5-Trimethylbenzene	16.3
tert-Butylbenzene	16.6
1,2,4-Trimethylbenzene	16.6
sec-Butylbenzene	17.8
1,3-Dichlorobenzene	16.4
p-Isopropyltoluene	19.1
1,4-Dichlorobenzene	19.2

Data File: \\SANP2021\D\chem\md.i\1004AD.B/DS2519.D
Report Date: 10/04/2000

INITIAL CALIBRATION REPORT

Instrument ID: md.i
Lab File ID: DS2519.D
Analysis Type: SOIL

Injection Date: 04-OCT-2000 14:02
Lab Sample ID: 400 PPB 8260B STD
Method File: \\SANP2021\D\chem\md.i\1004AD.B\8

COMPOUND	%RSD
1,2-Dichlorobenzene	14.0
n-Butylbenzene	18.2
1,2-Dibromo-3-chloropropane	14.9
1,2,4-Trichlorobenzene	15.0
Hexachlorobutadiene	29.8
Napthalene	12.4
1,2,3-Trichlorobenzene	14.5

GFB 10/5/00

The average of all %RSD's in the initial calibration is 13.4

10-5-00

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1004AD.B\DT1562.D
Lab Smp Id:
Inj Date : 04-OCT-2000 10:52 Inst ID: md.i
Operator : GFB
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1198-1,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1004AD.B\BFB.M
Meth Date : 11-Jul-2000 09:15 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

CAS #: 460-00-4

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb								
1.7935	1.8000	(0.000)	95	62048			0.00- 100.00	100.00
1.7935	1.8000	(0.000)	50	11463			15.00- 40.00	18.47
1.7935	1.8000	(0.000)	75	31461			30.00- 60.00	50.70
1.7935	1.8000	(0.000)	96	4101			5.00- 9.00	6.61
1.7935	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7935	1.8000	(0.000)	174	47797			50.00- 0.00	77.03
1.7935	1.8000	(0.000)	175	3672			5.00- 9.00	7.68
1.7935	1.8000	(0.000)	176	48202			95.00- 101.00	100.85
1.7935	1.8000	(0.000)	177	3549			5.00- 9.00	7.36

GFB 10/5/00

10-5-00

Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DT1562.D

Date : 04-OCT-2000 10:52

Client ID:

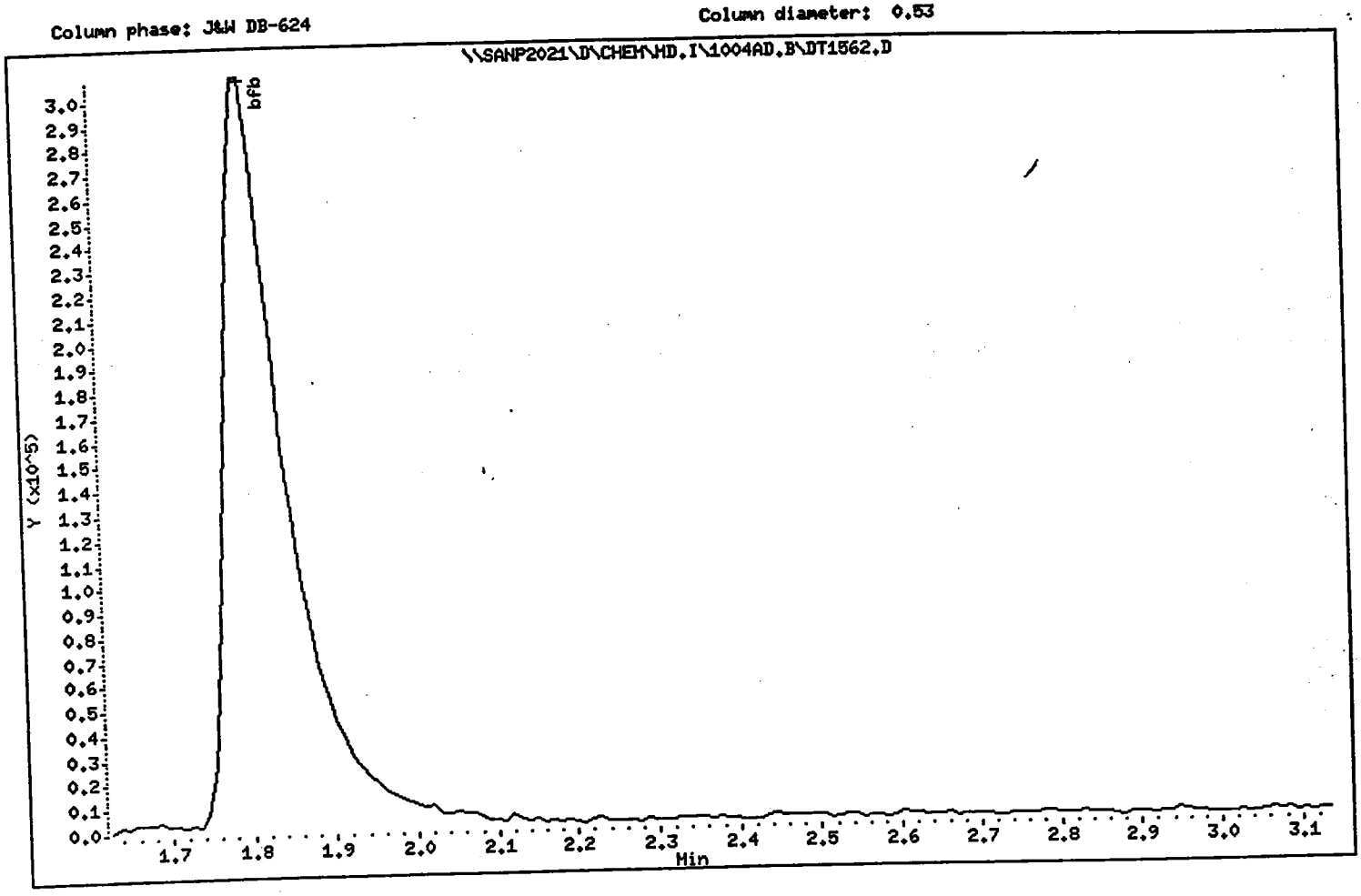
Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DT1562.D

Date : 04-OCT-2000 10:52

Client ID:

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

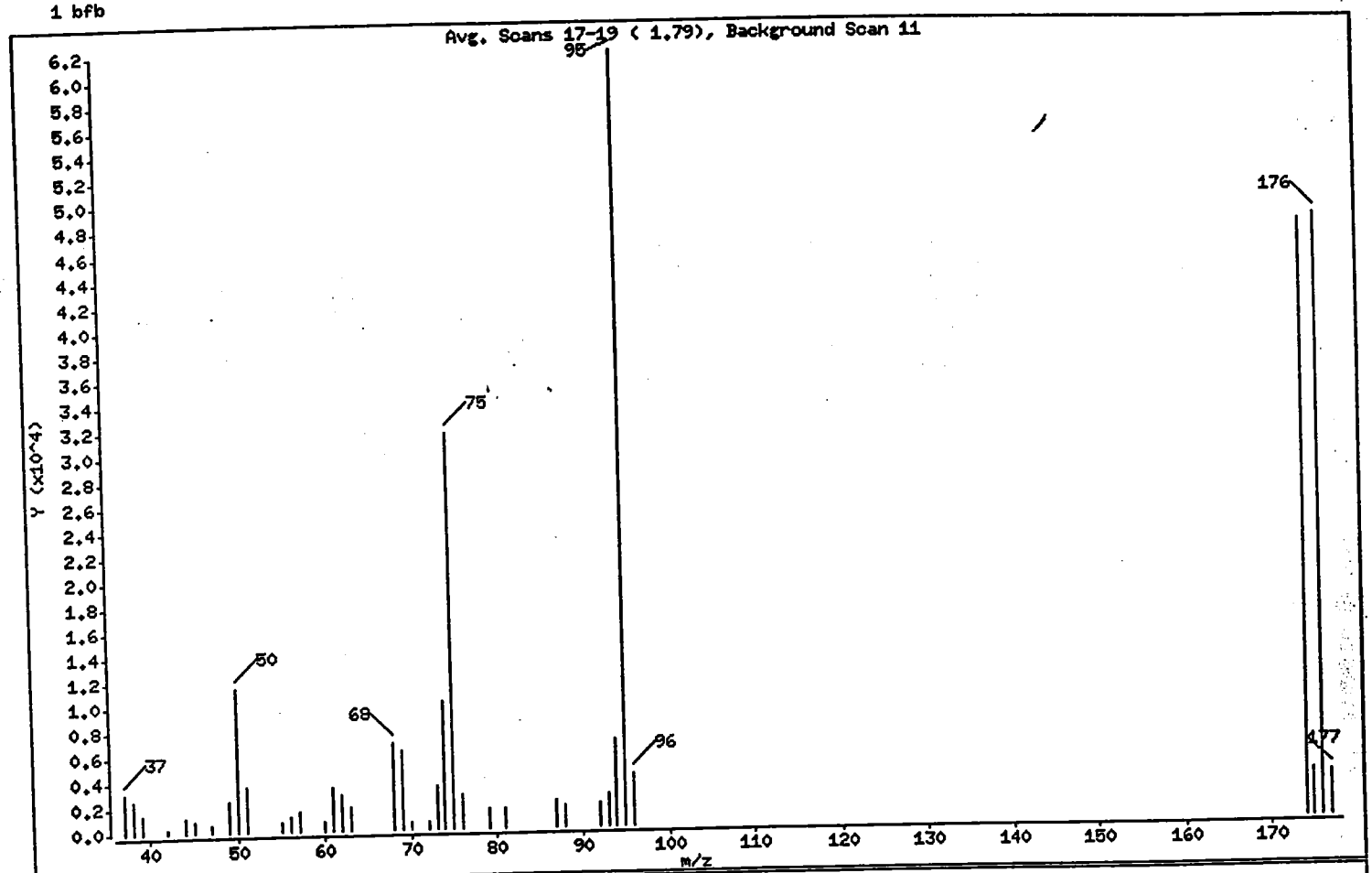
Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.47
75	30.00 - 60.00% of mass 95	50.70
96	5.00 - 9.00% of mass 95	6.61
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	77.03
175	5.00 - 9.00% of mass 174	5.92 (7.68)
176	95.00 - 101.00% of mass 174	77.69 (100.85)
177	5.00 - 9.00% of mass 176	5.72 (7.36)

Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DT1562.D

Date : 04-OCT-2000 10:52

Client ID:

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1562.D

Spectrum: Avg. Scans 17-19 (1.79), Background Scan 11

Location of Maximum: 95.00

Number of points: 38

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	3145	55.00	666	72.00	521	93.00	2579
38.00	2584	56.00	1182	73.00	3360	94.00	6853
39.00	1411	57.00	1567	74.00	10081	95.00	62048
42.00	287	60.00	715	75.00	31456	96.00	4101
44.00	1196	61.00	3402	76.00	2747	174.00	47792
45.00	899	62.00	2830	79.00	1527	175.00	3672
47.00	574	63.00	1878	81.00	1605	176.00	48200
49.00	2454	68.00	6835	87.00	2208	177.00	3549
50.00	11463	69.00	6333	88.00	1757		
51.00	3576	70.00	560	92.00	1903		

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2515.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.m
Misc Info: 1239-1,,5,,1,all.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 15:06

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1517570	758785	3035140	1480718	-2.43
56 Chlorobenzene-d5	1323085	661543	2646170	1259551	-4.80
79 1,4-Dichlorobenze	951881	475941	1903762	906122	-4.81

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.11	6.61	7.61	7.10	-0.13
56 Chlorobenzene-d5	12.63	12.13	13.13	12.63	0.00
79 1,4-Dichlorobenze	17.28	16.78	17.78	17.27	-0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2516.D
Lab Smp Id: 5 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Misc Info: 1242-2;1232-1,,5,,1,all.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 11:03

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1480718	740359	2961436	1417011	-4.30
56 Chlorobenzene-d5	1259551	629776	2519102	1175348	-6.69
79 1,4-Dichlorobenze	906122	453061	1812244	811309	-10.46

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.11	0.15
56 Chlorobenzene-d5	12.63	12.13	13.13	12.63	0.00
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.28	0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2517.D
Report Date: 04-Oct-2000 13:23

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2517.D
Lab Smp Id: 20 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Misc Info: 1242-2;1232-1,,5,,1,all.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 11:03

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1480718	740359	2961436	1516137	2.39
56 Chlorobenzene-d5	1259551	629776	2519102	1294709	2.79
79 1,4-Dichlorobenze	906122	453061	1812244	958076	5.73

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.11	0.13
56 Chlorobenzene-d5	12.63	12.13	13.13	12.63	-0.01
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.27	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2518.D
Lab Smp Id: 100 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Misc Info: 1242-2;1236-1,,5,,1,all.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 11:03

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1480718	740359	2961436	1491260	0.71
56 Chlorobenzene-d5	1259551	629776	2519102	1294737	2.79
79 1,4-Dichlorobenze	906122	453061	1812244	951421	5.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.10	0.00
56 Chlorobenzene-d5	12.63	12.13	13.13	12.62	-0.08
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.27	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2519.D
Lab Smp Id: 400 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Misc Info: 1242-2;1236-1,,5,,1,all.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 11:03

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1480718	740359	2961436	1499019	1.24
56 Chlorobenzene-d5	1259551	629776	2519102	1275234	1.25
79 1,4-Dichlorobenze	906122	453061	1812244	870677	-3.91

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.12	0.22
56 Chlorobenzene-d5	12.63	12.13	13.13	12.63	0.04
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.29	0.15

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1004AD.B\DS2515.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 04-OCT-2000 11:03
Operator : GFB
Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1239-1,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.m
Meth Date : 04-Oct-2000 15:31 ramirezr
Quant Type: ISTD
Cal Date : 04-OCT-2000 11:03
Cal File: DS2515.D
Calibration Sample, Level: 3
Als bottle: 1
Dil Factor: 1.00000
Compound Sublist: all.SUB
Integrator: HP RTE
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.464	1.464	(0.206)	767205	50.0000	50.00
2 Vinyl chloride (*)	62	1.701	1.701	(0.240)	354141	50.0000	50.00
3 Chloromethane (**)	50	1.632	1.642	(0.230)	329265	50.0000	50.00
4 Bromomethane	94	1.977	1.976	(0.278)	353983	50.0000	50.00
5 Chloroethane	64	2.065	2.065	(0.291)	241819	50.0000	50.00
6 Trichlorofluoromethane	101	2.302	2.302	(0.324)	1156218	50.0000	50.00
7 Acrolein	56	2.706	2.705	(0.381)	198428	500.000	500.0(A)
8 1,1-Dichloroethene(*)	96	2.795	2.784	(0.394)	398355	50.0000	50.00
9 1,1,2-Trichlorotrifluoroethan	151	2.814	2.784	(0.396)	569780	50.0000	50.00
10 Acetone	43	2.873	2.883	(0.405)	421132	250.000	250.0
11 Iodomethane	142	2.942	2.952	(0.414)	1769379	100.000	100.0
12 Carbon disulfide	76	3.011	3.021	(0.424)	820343	50.0000	50.00
13 Methylene chloride	84	3.326	3.336	(0.469)	419595	50.0000	50.00
14 t-Butanol	59	2.578	2.568	(0.363)	246194	1250.00	1250

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.671	3.681	(0.517)	459847	50.0000	50.00
	16 Acrylonitrile	53	3.662	3.671	(0.516)	703011	500.000	500.0(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.711	3.711	(0.523)	1088650	50.0000	50.00
	18 1,1-Dichloroethane (**)	63	4.282	4.262	(0.603)	807241	50.0000	50.00
	19 Vinyl acetate	43	4.400	4.400	(0.620)	2151689	100.000	100.0
	20 Isopropyl ether	45	4.440	4.449	(0.625)	1394520	50.0000	50.00
	21 2,2-Dichloropropane	77	5.159	5.159	(0.727)	866195	50.0000	50.00
	22 Tert-butyl ethyl ether	59	5.011	5.031	(0.706)	1367197	50.0000	50.00
	23 cis-1,2-Dichloroethene	96	5.179	5.188	(0.729)	477036	50.0000	50.00
	24 2-Butanone	43	5.277	5.287	(0.743)	719605	250.000	250.0
	25 Bromochloromethane	128	5.563	5.563	(0.784)	327749	50.0000	50.00
	26 Chloroform (*)	83	5.731	5.730	(0.807)	1088102	50.0000	50.00
	27 Tetrahydrofuran	42	5.671	5.671	(0.799)	99775	50.0000	50.00
M	28 1,2-Dichloroethene (total)	100				936883	100.000	100.0
$	29 Dibromofluoromethane	111	5.997	5.996	(0.845)	1023120	50.0000	50.00
	30 1,1,1-Trichloroethane	97	5.977	5.976	(0.842)	1107247	50.0000	50.00
	31 Carbon Tetrachloride	117	6.253	6.252	(0.881)	1028936	50.0000	50.00
	32 1,1-Dichloropropene	75	6.263	6.262	(0.882)	753450	50.0000	50.00
$	33 1,2-Dichloroethane-d4	65	6.529	6.538	(0.920)	666407	50.0000	50.00
	34 1,2-Dichloroethane-d4 2nd	102	6.538	6.538	(0.921)	143755	50.0000	50.00
	35 Benzene	78	6.598	6.607	(0.929)	1213126	50.0000	50.00
	36 1,2-Dichloroethane	62	6.657	6.666	(0.938)	785052	50.0000	50.00
	37 Tert-amyl methyl ether	73	6.883	6.893	(0.969)	1332168	50.0000	50.00
*	38 Fluorobenzene	96	7.100	7.109	(1.000)	1480718	50.0000	
	39 Trichloroethene	130	7.750	7.750	(1.092)	657938	50.0000	50.00
	40 1,2-Dichloropropane(*)	63	8.125	8.124	(1.144)	495390	50.0000	50.00
	41 Dibromomethane	93	8.341	8.331	(1.175)	486222	50.0000	50.00
	42 Bromodichloromethane	83	8.657	8.656	(1.219)	1049801	50.0000	50.00
	43 1-Bromo-2-chloroethane	63	9.169	9.178	(1.291)	1204288	50.0000	50.00
	44 2-Chloroethylvinyl ether	106	9.267	9.267	(1.305)	141135	100.000	100.0
	45 cis-1,3-Dichloropropene	75	9.464	9.474	(1.333)	762286	50.0000	50.00
	46 4-Methyl-2-pentanone	43	9.819	9.829	(1.383)	1972475	250.000	250.0
$	47 Toluene-d8	98	9.928	9.927	(0.786)	1346953	50.0000	50.00
	48 Toluene (*)	91	10.036	10.045	(0.795)	1448324	50.0000	50.00
	49 trans-1,3-Dichloropropene	75	10.529	10.528	(0.834)	690258	50.0000	50.00
	50 1,1,2-Trichloroethane	97	10.844	10.834	(0.859)	502993	50.0000	50.00
	51 Tetrachloroethene	164	11.051	11.050	(0.875)	639884	50.0000	50.00
	52 1,3-Dichloropropane	76	11.129	11.129	(0.881)	778734	50.0000	50.00
	53 2-Hexanone	43	11.386	11.385	(0.902)	1447932	250.000	250.0
	54 Dibromochloromethane	129	11.543	11.553	(0.914)	955463	50.0000	50.00
	55 1,2-Dibromoethane	107	11.711	11.710	(0.927)	756935	50.0000	50.00
*	56 Chlorobenzene-d5	117	12.627	12.627	(1.000)	1259551	50.0000	
	57 Chlorobenzene (**)	112	12.676	12.676	(1.004)	1146006	50.0000	50.00
	58 1,1,1,2-Tetrachloroethane	131	12.863	12.863	(1.019)	732482	50.0000	50.00
	59 Ethylbenzene (*)	106	12.942	12.922	(1.025)	538149	50.0000	50.00
	60 m,p-Xylenes	106	13.179	13.178	(1.044)	1352178	100.000	100.0
	61 o-Xylene	106	13.928	13.937	(1.103)	667112	50.0000	50.00

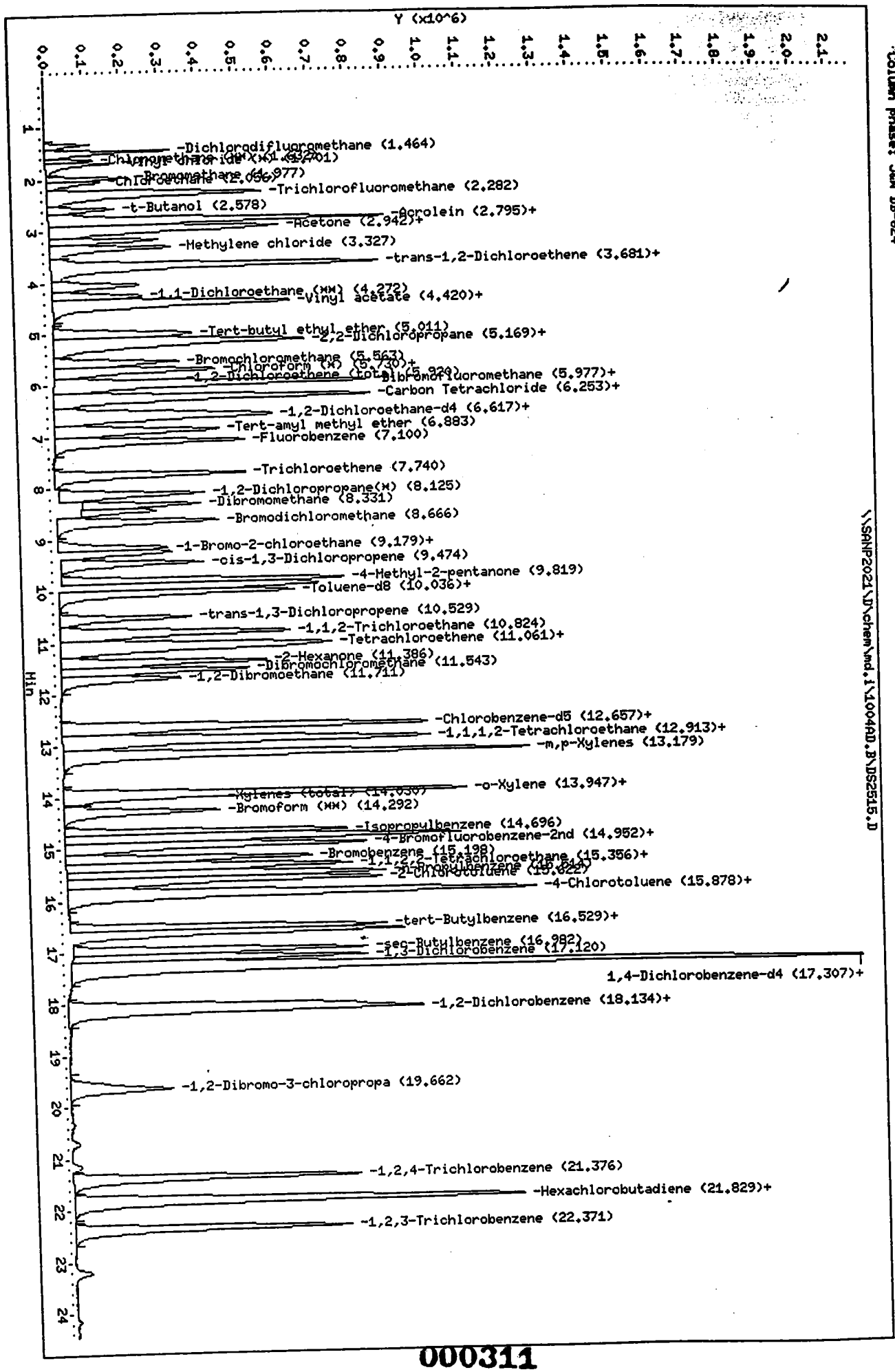
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.977	13.976	(1.107)	1117023	50.0000	50.00
M	63 Xylenes (total)	100				2019291	150.000	150.0
	64 Bromoform (**)	173	14.282	14.282	(1.131)	768600	50.0000	50.00
	65 Isopropylbenzene	105	14.686	14.696	(1.163)	2056943	50.0000	50.00
	66 4-Bromofluorobenzene-2nd	174	14.962	14.962	(0.866)	828930	50.0000	50.00
$	67 4-Bromofluorobenzene	95	14.962	14.962	(0.866)	1116801	50.0000	50.00
	68 Bromobenzene	156	15.198	15.208	(0.880)	720512	50.0000	50.00
	69 1,1,2,2-Tetrachloroethane(**)	83	15.346	15.346	(0.889)	779747	50.0000	50.00
	70 1,2,3-Trichloropropane	110	15.366	15.376	(0.890)	266511	50.0000	50.00
	71 n-Propylbenzene	91	15.514	15.513	(0.898)	2125571	50.0000	50.00
	72 2-Chlorotoluene	126	15.622	15.632	(0.905)	516505	50.0000	50.00
	73 4-Chlorotoluene	126	15.849	15.848	(0.918)	556532	50.0000	50.00
	74 1,3,5-Trimethylbenzene	105	15.908	15.898	(0.921)	1745535	50.0000	50.00
	75 tert-Butylbenzene	119	16.529	16.528	(0.957)	1809296	50.0000	50.00
	76 1,2,4-Trimethylbenzene	105	16.637	16.637	(0.963)	1764617	50.0000	50.00
	77 sec-Butylbenzene	105	16.972	16.981	(0.983)	2323599	50.0000	50.00
	78 1,3-Dichlorobenzene	146	17.139	17.129	(0.993)	1176780	50.0000	50.00
*	79 1,4-Dichlorobenzene-d4	152	17.267	17.277	(1.000)	906122	50.0000	
	80 1,4-Dichlorobenzene	146	17.317	17.316	(1.003)	1271838	50.0000	50.00
	81 p-Isopropyltoluene	119	17.307	17.316	(1.002)	1942698	50.0000	50.00
	82 1,2-Dichlorobenzene	146	18.046	18.055	(1.045)	1124761	50.0000	50.00
	83 n-Butylbenzene	91	18.134	18.144	(1.050)	1823873	50.0000	50.00
	84 1,2-Dibromo-3-chloropropane	157	19.681	19.691	(1.140)	267739	50.0000	50.00
	85 1,2,4-Trichlorobenzene	180	21.376	21.395	(1.238)	1017200	50.0000	50.00
	86 Hexachlorobutadiene	225	21.809	21.819	(1.263)	757970	50.0000	50.00
	87 Napthalene	128	21.849	21.858	(1.265)	1604295	50.0000	50.00
	88 1,2,3-Trichlorobenzene	180	22.371	22.371	(1.296)	973166	50.0000	50.00

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\SANP2021\D\chem\md.i\1004AD.B\DS2515.D
Date : 04-OCT-2000 11:03
Client ID:
Sample Info: 50 PPB 8260B STD,,3,0,,,8260BDA.H
Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2516.D
Lab Smp Id: 5 PPB 8260B STD
Inj Date : 04-OCT-2000 12:26
Operator : GFB
Inst ID: md.i
Smp Info : 5 PPB 8260B STD,,,1,0,,,8260BDA.M
Misc Info : 1242-2;1232-1,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Meth Date : 04-Oct-2000 12:51 ramirezr
Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13
Cal File: DS2468.D
Als bottle: 2
Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.475	1.464	(0.207)	73905	5.00000	4.63(a)
2 Vinyl chloride (*)	62	1.702	1.701	(0.239)	37687	5.00000	4.38(aQ)
3 Chloromethane (**)	50	1.633	1.632	(0.230)	34259	5.00000	4.30(aQ)
4 Bromomethane	94	1.977	1.977	(0.278)	42259	5.00000	7.08
5 Chloroethane	64	2.066	2.065	(0.291)	27255	5.00000	5.52
6 Trichlorofluoromethane	101	2.303	2.302	(0.324)	129771	5.00000	6.96
7 Acrolein	56	2.697	2.706	(0.379)	14020	50.0000	59.18
8 1,1-Dichloroethene(*)	96	2.805	2.795	(0.394)	50163	5.00000	6.48
9 1,1,2-Trichlorotrifluoroethan	151	2.815	2.814	(0.396)	85384	5.00000	7.12
10 Acetone	43	2.874	2.873	(0.404)	42319	25.0000	18.81
11 Iodomethane	142	2.963	2.942	(0.417)	177659	10.0000	11.99
12 Carbon disulfide	76	3.012	3.011	(0.424)	117776	5.00000	5.60
13 Methylene chloride	84	3.347	3.326	(0.471)	47222	5.00000	5.74
14 t-Butanol	59	2.578	2.578	(0.363)	30340	125.000	129.8(aQ)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
15 trans-1,2-Dichloroethene	96	3.672	3.671	(0.516)	58282	5.00000	6.40
16 Acrylonitrile	53	3.652	3.662	(0.514)	54894	50.0000	37.62
17 Methyl-tert-butyl ether[MTBE]	73	3.731	3.711	(0.525)	117287	5.00000	5.30
18 1,1-Dichloroethane (**)	63	4.273	4.282	(0.601)	98591	5.00000	5.74(Q)
19 Vinyl acetate	43	4.421	4.400	(0.622)	230394	10.0000	9.18
20 Isopropyl ether	45	4.450	4.440	(0.626)	172550	5.00000	5.10
21 2,2-Dichloropropane	77	5.189	5.159	(0.730)	110244	5.00000	6.43(Q)
22 Tert-butyl ethyl ether	59	5.032	5.011	(0.708)	150370	5.00000	5.09
23 cis-1,2-Dichloroethene	96	5.199	5.179	(0.731)	53869	5.00000	5.75
24 2-Butanone	43	5.288	5.277	(0.744)	73561	25.0000	17.97
25 Bromochloromethane	128	5.564	5.563	(0.782)	30540	5.00000	5.28
26 Chloroform (*)	83	5.731	5.731	(0.806)	124183	5.00000	6.10
27 Tetrahydrofuran	42	5.682	5.671	(0.799)	6886	5.00000	2.49(aQ)
M 28 1,2-Dichloroethene (total)	100				112151	10.0000	12.15
$ 29 Dibromofluoromethane	111	5.997	5.997	(0.843)	128365	5.00000	6.69
30 1,1,1-Trichloroethane	97	5.977	5.977	(0.841)	127715	5.00000	6.28(Q)
31 Carbon Tetrachloride	117	6.263	6.253	(0.881)	121640	5.00000	6.44
32 1,1-Dichloropropene	75	6.263	6.263	(0.881)	98170	5.00000	5.84
$ 33 1,2-Dichloroethane-d4	65	6.529	6.529	(0.918)	83298	5.00000	5.89
34 1,2-Dichloroethane-d4 2nd	102	6.549	6.538	(0.921)	15804	5.00000	5.24
35 Benzene	78	6.608	6.598	(0.929)	148064	5.00000	5.64
36 1,2-Dichloroethane	62	6.657	6.657	(0.936)	82159	5.00000	5.29(Q)
37 Tert-amyl methyl ether	73	6.894	6.883	(0.970)	136240	5.00000	4.92(aQ)
* 38 Fluorobenzene	96	7.110	7.100	(1.000)	1417011	50.0000	
39 Trichloroethene	130	7.731	7.750	(1.087)	77560	5.00000	5.90
40 1,2-Dichloropropane(*)	63	8.145	8.125	(1.145)	58127	5.00000	5.11
41 Dibromomethane	93	8.332	8.341	(1.172)	45147	5.00000	4.73(a)
42 Bromodichloromethane	83	8.677	8.657	(1.220)	107977	5.00000	5.26
43 1-Bromo-2-chloroethane	63	9.160	9.169	(1.288)	107197	5.00000	4.58(aQ)
44 2-Chloroethylvinyl ether	106	9.268	9.267	(1.303)	7223	10.0000	4.76(aQ)
45 cis-1,3-Dichloropropene	75	9.475	9.464	(1.333)	85102	5.00000	4.96(a)
46 4-Methyl-2-pentanone	43	9.820	9.819	(1.381)	174163	25.0000	15.43
$ 47 Toluene-d8	98	9.928	9.928	(0.786)	191118	5.00000	7.34
48 Toluene (*)	91	10.046	10.036	(0.796)	177581	5.00000	6.44
49 trans-1,3-Dichloropropene	75	10.539	10.529	(0.835)	64980	5.00000	4.80(a)
50 1,1,2-Trichloroethane	97	10.844	10.844	(0.859)	51520	5.00000	5.68
51 Tetrachloroethene	164	11.051	11.051	(0.875)	80815	5.00000	7.22
52 1,3-Dichloropropane	76	11.140	11.129	(0.882)	83698	5.00000	5.47
53 2-Hexanone	43	11.406	11.386	(0.903)	118726	25.0000	16.52
54 Dibromochloromethane	129	11.544	11.543	(0.914)	85290	5.00000	5.57
55 1,2-Dibromoethane	107	11.721	11.711	(0.928)	71144	5.00000	5.20(Q)
* 56 Chlorobenzene-d5	117	12.628	12.627	(1.000)	1175348	50.0000	
57 Chlorobenzene (**)	112	12.667	12.676	(1.003)	141197	5.00000	6.52
58 1,1,1,2-Tetrachloroethane	131	12.874	12.863	(1.020)	78259	5.00000	6.42
59 Ethylbenzene (*)	106	12.943	12.942	(1.025)	67288	5.00000	6.44
60 m,p-Xylenes	106	13.169	13.179	(1.043)	171072	10.0000	13.05
61 o-Xylene	106	13.928	13.928	(1.103)	77994	5.00000	6.06

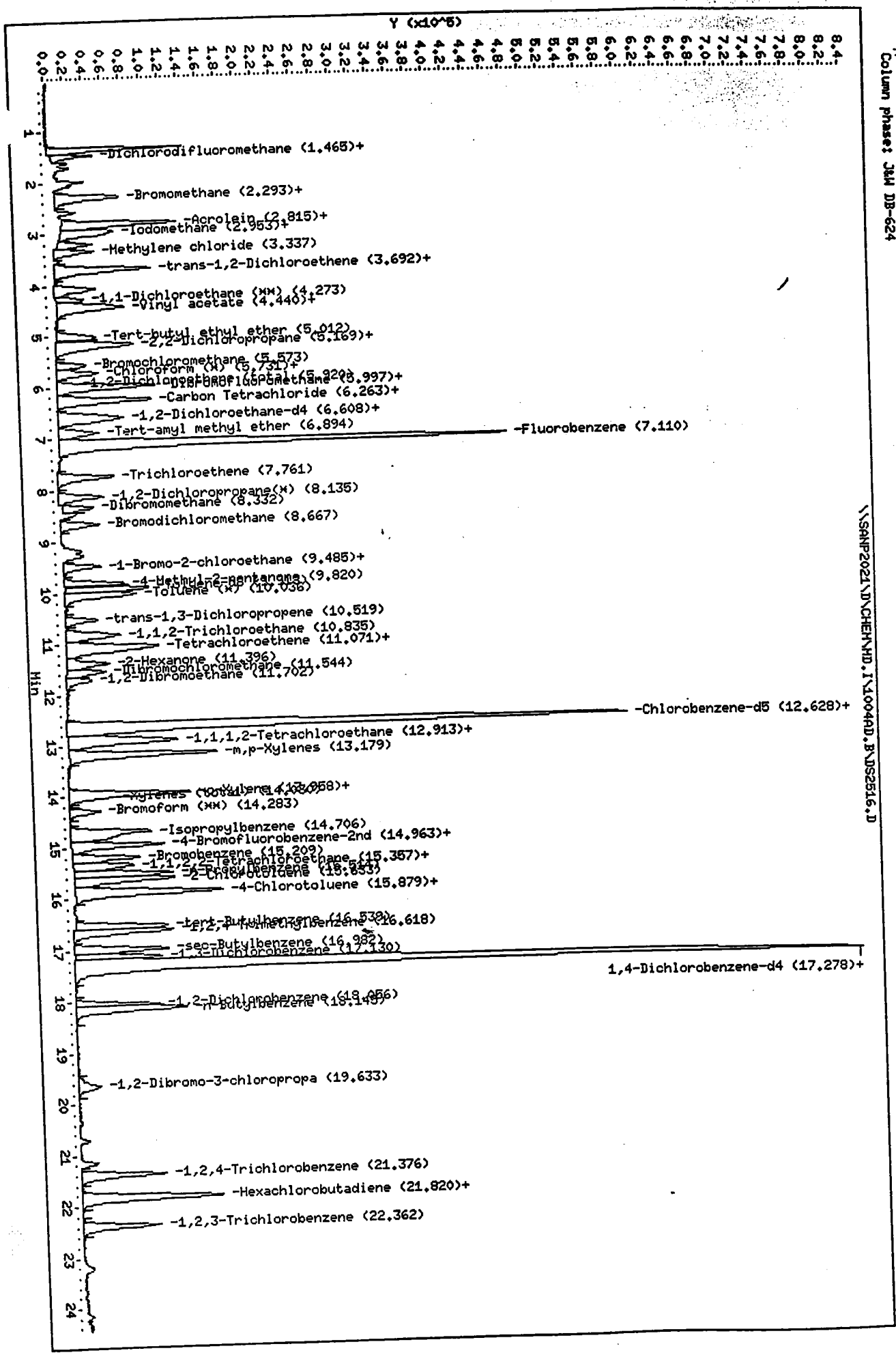
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.968	13.977	(1.106)	127973	5.00000	6.09
M	63 Xylenes (total)	100				249067	15.0000	19.11
	64 Bromoform (**)	173	14.283	14.282	(1.131)	59272	5.00000	4.62(aQ)
	65 Isopropylbenzene	105	14.687	14.686	(1.163)	253985	5.00000	6.42
	66 4-Bromofluorobenzene-2nd	174	14.963	14.962	(0.866)	112474	5.00000	7.27
$	67 4-Bromofluorobenzene	95	14.972	14.962	(0.867)	150445	5.00000	6.72
	68 Bromobenzene	156	15.209	15.198	(0.880)	78958	5.00000	6.23
	69 1,1,2,2-Tetrachloroethane(**)	83	15.337	15.346	(0.888)	69869	5.00000	4.50(aQ)
	70 1,2,3-Trichloropropane	110	15.376	15.366	(0.890)	20251	5.00000	4.12(aQ)
	71 n-Propylbenzene	91	15.514	15.514	(0.898)	263388	5.00000	6.10
	72 2-Chlorotoluene	126	15.633	15.622	(0.905)	65550	5.00000	6.68
	73 4-Chlorotoluene	126	15.859	15.849	(0.918)	66729	5.00000	6.57
	74 1,3,5-Trimethylbenzene	105	15.899	15.908	(0.920)	216110	5.00000	6.40
	75 tert-Butylbenzene	119	16.549	16.529	(0.958)	225626	5.00000	6.48
	76 1,2,4-Trimethylbenzene	105	16.637	16.637	(0.963)	221441	5.00000	6.45
	77 sec-Butylbenzene	105	16.982	16.972	(0.983)	300937	5.00000	6.32
	78 1,3-Dichlorobenzene	146	17.130	17.139	(0.991)	145459	5.00000	6.73
*	79 1,4-Dichlorobenzene-d4	152	17.278	17.267	(1.000)	811309	50.0000	(Q)
	80 1,4-Dichlorobenzene	146	17.307	17.317	(1.002)	163693	5.00000	7.05
	81 p-Isopropyltoluene	119	17.317	17.307	(1.002)	251562	5.00000	6.66
	82 1,2-Dichlorobenzene	146	18.046	18.046	(1.044)	134101	5.00000	6.49
	83 n-Butylbenzene	91	18.145	18.134	(1.050)	238276	5.00000	6.30
	84 1,2-Dibromo-3-chloropropane	157	19.682	19.681	(1.139)	12752	5.00000	2.48(aQ)
	85 1,2,4-Trichlorobenzene	180	21.386	21.376	(1.238)	126383	5.00000	6.76
	86 Hexachlorobutadiene	225	21.820	21.809	(1.263)	109874	5.00000	7.68
	87 Napthalene	128	21.859	21.849	(1.265)	180302	5.00000	5.68
	88 1,2,3-Trichlorobenzene	180	22.362	22.371	(1.294)	116871	5.00000	6.66

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\SANF2021\D\CHEM\MD.I\1004AD.B\DS2516.D
Date : 04-OCT-2000 12:26
Client ID:
Sample Info: 5 PPB 8260B STD,,1,0,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



000315

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2517.D
Lab Smp Id: 20 PPB 8260B STD
Inj Date : 04-OCT-2000 12:58
Operator : GFB
Inst ID: md.i
Smp Info : 20 PPB 8260B STD,,,2,0,,,8260BDA.M
Misc Info : 1242-2;1232-1,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Meth Date : 04-Oct-2000 13:23 ramirezr
Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13
Cal File: DS2468.D
Calibration Sample, Level: 2
Als bottle: 3
Dil Factor: 1.00000
Compound Sublist: all.SUB
Integrator: HP RTE
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.464	1.464	(0.206)	258783	20.0000	15.15
2 Vinyl chloride (*)	62	1.700	1.701	(0.239)	121781	20.0000	13.23
3 Chloromethane (**)	50	1.631	1.632	(0.229)	107882	20.0000	12.66
4 Bromomethane	94	1.976	1.977	(0.278)	133699	20.0000	20.93
5 Chloroethane	64	2.065	2.065	(0.290)	86592	20.0000	16.38
6 Trichlorofluoromethane	101	2.301	2.302	(0.324)	470507	20.0000	23.59
7 Acrolein	56	2.705	2.706	(0.381)	80044	200.000	315.8(AQ)
8 1,1-Dichloroethene(*)	96	2.794	2.795	(0.393)	171955	20.0000	20.77
9 1,1,2-Trichlorotrifluoroethan	151	2.813	2.814	(0.396)	298071	20.0000	23.24
10 Acetone	43	2.882	2.873	(0.405)	179610	100.000	74.63
11 Iodomethane	142	2.942	2.942	(0.414)	628417	40.0000	39.63
12 Carbon disulfide	76	3.011	3.011	(0.423)	370158	20.0000	16.46
13 Methylene chloride	84	3.336	3.326	(0.469)	170800	20.0000	19.41
14 t-Butanol	59	2.577	2.578	(0.363)	104758	500.000	419.0(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.680	3.671	(0.518)	194759	20.0000	19.98
	16 Acrylonitrile	53	3.671	3.662	(0.516)	266981	200.000	171.0(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.720	3.711	(0.523)	469376	20.0000	19.82
	18 1,1-Dichloroethane (**)	63	4.262	4.282	(0.599)	336670	20.0000	18.31
	19 Vinyl acetate	43	4.410	4.400	(0.620)	889540	40.0000	33.13
	20 Isopropyl ether	45	4.439	4.440	(0.624)	583802	20.0000	16.13
	21 2,2-Dichloropropane	77	5.158	5.159	(0.726)	359891	20.0000	19.61
	22 Tert-butyl ethyl ether	59	5.020	5.011	(0.706)	561518	20.0000	17.77
	23 cis-1,2-Dichloroethene	96	5.168	5.179	(0.727)	202596	20.0000	20.22
	24 2-Butanone	43	5.267	5.277	(0.741)	283318	100.000	64.69
	25 Bromochloromethane	128	5.562	5.563	(0.782)	140769	20.0000	22.77
	26 Chloroform (*)	83	5.730	5.731	(0.806)	425720	20.0000	19.54
	27 Tetrahydrofuran	42	5.690	5.671	(0.800)	36788	20.0000	12.45
M	28 1,2-Dichloroethene (total)	100				397356	40.0000	40.20
$	29 Dibromofluoromethane	111	5.986	5.997	(0.842)	417322	20.0000	20.32
	30 1,1,1-Trichloroethane	97	5.966	5.977	(0.839)	454173	20.0000	20.87
	31 Carbon Tetrachloride	117	6.252	6.253	(0.879)	448454	20.0000	22.18
	32 1,1-Dichloropropene	75	6.252	6.263	(0.879)	337523	20.0000	18.78
$	33 1,2-Dichloroethane-d4	65	6.528	6.529	(0.918)	297190	20.0000	19.65
	34 1,2-Dichloroethane-d4 2nd	102	6.518	6.538	(0.917)	59979	20.0000	18.58
	35 Benzene	78	6.607	6.598	(0.929)	515623	20.0000	18.36
	36 1,2-Dichloroethane	62	6.646	6.657	(0.935)	330696	20.0000	19.90
	37 Tert-amyl methyl ether	73	6.902	6.883	(0.971)	524093	20.0000	17.68
*	38 Fluorobenzene	96	7.109	7.100	(1.000)	1516137	50.0000	
	39 Trichloroethene	130	7.750	7.750	(1.090)	283465	20.0000	20.15
	40 1,2-Dichloropropane(*)	63	8.134	8.125	(1.144)	210985	20.0000	17.34
	41 Dibromomethane	93	8.321	8.341	(1.170)	202525	20.0000	19.82
	42 Bromodichloromethane	83	8.666	8.657	(1.219)	430970	20.0000	19.62
	43 1-Bromo-2-chloroethane	63	9.168	9.169	(1.290)	488171	20.0000	19.50(Q)
	44 2-Chloroethylvinyl ether	106	9.277	9.267	(1.305)	54342	40.0000	33.45(Q)
	45 cis-1,3-Dichloropropene	75	9.474	9.464	(1.333)	323283	20.0000	17.61
	46 4-Methyl-2-pentanone	43	9.819	9.819	(1.381)	827567	100.000	68.54
$	47 Toluene-d8	98	9.927	9.928	(0.786)	596754	20.0000	20.80
	48 Toluene (*)	91	10.055	10.036	(0.796)	635253	20.0000	20.90
	49 trans-1,3-Dichloropropene	75	10.528	10.529	(0.834)	289823	20.0000	19.45
	50 1,1,2-Trichloroethane	97	10.843	10.844	(0.859)	212856	20.0000	21.31
	51 Tetrachloroethene	164	11.050	11.051	(0.875)	292404	20.0000	23.71
	52 1,3-Dichloropropane	76	11.129	11.129	(0.881)	336242	20.0000	19.94
	53 2-Hexanone	43	11.375	11.386	(0.901)	591298	100.000	74.68
	54 Dibromochloromethane	129	11.552	11.543	(0.915)	386202	20.0000	22.88
	55 1,2-Dibromoethane	107	11.700	11.711	(0.927)	327240	20.0000	21.74
*	56 Chlorobenzene-d5	117	12.626	12.627	(1.000)	1294709	50.0000	
	57 Chlorobenzene (**)	112	12.676	12.676	(1.004)	511009	20.0000	21.43
	58 1,1,1,2-Tetrachloroethane	131	12.863	12.863	(1.019)	308754	20.0000	22.99
	59 Ethylbenzene (*)	106	12.942	12.942	(1.025)	233173	20.0000	20.26
	60 m,p-Xylenes	106	13.168	13.179	(1.043)	613661	40.0000	42.50
	61 o-Xylene	106	13.927	13.928	(1.103)	294072	20.0000	20.73

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)	
	62 Styrene	104	13.976	13.977	(1.107)	475476	20.0000	20.55	
M	63 Xylenes (total)	100				907733	60.0000	63.23	
	64 Bromoform (**)	173	14.282	14.282	(1.131)	313113	20.0000	22.17	
	65 Isopropylbenzene	105	14.685	14.686	(1.163)	921074	20.0000	21.12	
	66 4-Bromofluorobenzene-2nd	174	14.971	14.962	(0.867)	367930	20.0000	20.13	
$	67 4-Bromofluorobenzene	95	14.951	14.962	(0.866)	491961	20.0000	18.61	
	68 Bromobenzene	156	15.208	15.198	(0.881)	312021	20.0000	20.86	
	69 1,1,2,2-Tetrachloroethane(**)	83	15.346	15.346	(0.889)	336407	20.0000	18.33	
	70 1,2,3-Trichloropropane	110	15.365	15.366	(0.890)	109671	20.0000	18.91	
	71 n-Propylbenzene	91	15.513	15.514	(0.898)	1012123	20.0000	19.84	
	72 2-Chlorotoluene	126	15.621	15.622	(0.905)	235869	20.0000	20.35	
	73 4-Chlorotoluene	126	15.858	15.849	(0.918)	242643	20.0000	20.23	
	74 1,3,5-Trimethylbenzene	105	15.907	15.908	(0.921)	790973	20.0000	19.83	
	75 tert-Butylbenzene	119	16.538	16.529	(0.958)	782917	20.0000	19.05	
	76 1,2,4-Trimethylbenzene	105	16.636	16.637	(0.963)	799675	20.0000	19.74	
	77 sec-Butylbenzene	105	16.981	16.972	(0.983)	1011785	20.0000	18.01	
	78 1,3-Dichlorobenzene	146	17.129	17.139	(0.992)	522853	20.0000	20.49	
*	79 1,4-Dichlorobenzene-d4	152	17.267	17.267	(1.000)	958076	50.0000		(Q)
	80 1,4-Dichlorobenzene	146	17.316	17.317	(1.003)	582004	20.0000	21.24	
	81 p-Isopropyltoluene	119	17.316	17.307	(1.003)	858120	20.0000	19.24	
	82 1,2-Dichlorobenzene	146	18.055	18.046	(1.046)	510187	20.0000	20.91	
	83 n-Butylbenzene	91	18.134	18.134	(1.050)	785365	20.0000	17.60	
	84 1,2-Dibromo-3-chloropropane	157	19.661	19.681	(1.139)	108932	20.0000	17.94	
	85 1,2,4-Trichlorobenzene	180	21.375	21.376	(1.238)	446750	20.0000	20.23	
	86 Hexachlorobutadiene	225	21.799	21.809	(1.262)	229391	20.0000	13.58	
	87 Napthalene	128	21.858	21.849	(1.266)	710724	20.0000	18.97	
	88 1,2,3-Trichlorobenzene	180	22.370	22.371	(1.296)	426554	20.0000	20.59	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\004AD.B\DS2517.D
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Client ID:
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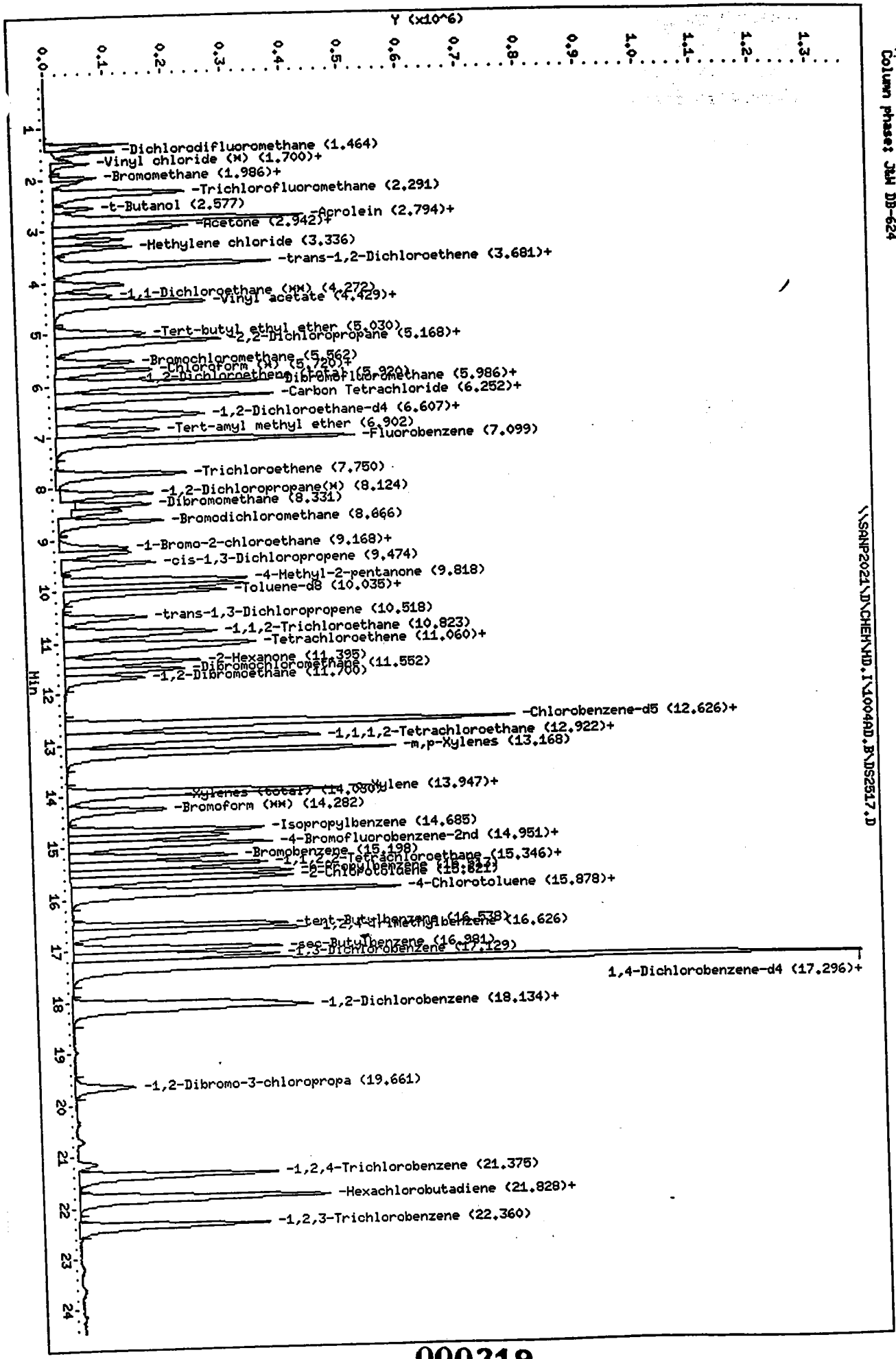
Instrument: md.i
Operator: CFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2518.D
Lab Smp Id: 100 PPB 8260B STD
Inj Date : 04-OCT-2000 13:30
Operator : GFB
Smp Info : 100 PPB 8260B STD,,,4,0,,,8260BDA.M
Misc Info : 1242-2;1236-1,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Meth Date : 04-Oct-2000 13:54 ramirezr
Cal Date : 06-SEP-2000 13:13
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 4.00
Processing Host: SANP2021

Inst ID: md.i
Quant Type: ISTD
Cal File: DS2468.D
Calibration Sample, Level: 4
Compound Sublist: all.SUB

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.464	1.464	(0.206)	1182860	100.000	70.42
2 Vinyl chloride (*)	62	1.701	1.701	(0.240)	578280	100.000	63.88
3 Chloromethane (**)	50	1.632	1.632	(0.230)	479222	100.000	57.17
4 Bromomethane	94	1.967	1.977	(0.277)	563071	100.000	89.61
5 Chloroethane	64	2.075	2.065	(0.292)	370858	100.000	71.31
6 Trichlorofluoromethane	101	2.292	2.302	(0.323)	2108883	100.000	107.5
7 Acrolein	56	2.706	2.706	(0.381)	458196	1000.00	1838(AQ)
8 1,1-Dichloroethene(*)	96	2.795	2.795	(0.394)	795112	100.000	97.63
9 1,1,2-Trichlorotrifluoroethan	151	2.804	2.814	(0.395)	1400689	100.000	111.0
10 Acetone	43	2.883	2.873	(0.406)	840131	500.000	354.9
11 Iodomethane	142	2.942	2.942	(0.414)	3155298	200.000	202.3(A)
12 Carbon disulfide	76	3.002	3.011	(0.423)	1800512	100.000	81.40
13 Methylene chloride	84	3.336	3.326	(0.470)	804538	100.000	92.97
14 t-Butanol	59	2.578	2.578	(0.363)	505286	2500.00	2055

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
15 trans-1,2-Dichloroethene	96	3.671	3.671	(0.517)	918791	100.000	95.81
16 Acrylonitrile	53	3.671	3.662	(0.517)	1379992	1000.00	898.8(A)
17 Methyl-tert-butyl ether[MTBE]	73	3.721	3.711	(0.524)	2257430	100.000	96.90
18 1,1-Dichloroethane (**)	63	4.272	4.282	(0.602)	1554131	100.000	85.93
19 Vinyl acetate	43	4.401	4.400	(0.620)	4206743	200.000	159.3(A)
20 Isopropyl ether	45	4.450	4.440	(0.627)	2693254	100.000	75.66
21 2,2-Dichloropropane	77	5.169	5.159	(0.728)	1700232	100.000	94.17
22 Tert-butyl ethyl ether	59	5.021	5.011	(0.707)	2695756	100.000	86.73
23 cis-1,2-Dichloroethene	96	5.189	5.179	(0.731)	959336	100.000	97.35
24 2-Butanone	43	5.287	5.277	(0.745)	1484478	500.000	344.6
25 Bromochloromethane	128	5.563	5.563	(0.784)	658187	100.000	108.2
26 Chloroform (*)	83	5.731	5.731	(0.807)	2125474	100.000	99.17
27 Tetrahydrofuran	42	5.691	5.671	(0.802)	194736	100.000	66.98(Q)
M 28 1,2-Dichloroethene (total)	100				1878127	200.000	193.2
$ 29 Dibromofluoromethane	111	5.997	5.997	(0.845)	2029350	100.000	100.4
30 1,1,1-Trichloroethane	97	5.987	5.977	(0.843)	2222790	100.000	103.8
31 Carbon Tetrachloride	117	6.253	6.253	(0.881)	2132540	100.000	107.2
32 1,1-Dichloropropene	75	6.263	6.263	(0.882)	1508103	100.000	85.32
$ 33 1,2-Dichloroethane-d4	65	6.529	6.529	(0.920)	1374028	100.000	92.36
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.538	(0.920)	279989	100.000	88.17
35 Benzene	78	6.598	6.598	(0.929)	2402162	100.000	86.98
36 1,2-Dichloroethane	62	6.657	6.657	(0.938)	1592559	100.000	97.43
37 Tert-amyl methyl ether	73	6.893	6.883	(0.971)	2632176	100.000	90.30
* 38 Fluorobenzene	96	7.100	7.100	(1.000)	1491260	50.0000	
39 Trichloroethene	130	7.750	7.750	(1.092)	1351103	100.000	97.64
40 1,2-Dichloropropane(*)	63	8.125	8.125	(1.144)	979235	100.000	81.84
41 Dibromomethane	93	8.332	8.341	(1.173)	991088	100.000	98.62
42 Bromodichloromethane	83	8.657	8.657	(1.219)	2153547	100.000	99.69
43 1-Bromo-2-chloroethane	63	9.169	9.169	(1.291)	2426608	100.000	98.57
44 2-Chloroethylvinyl ether	106	9.277	9.267	(1.307)	305260	200.000	191.0(AQ)
45 cis-1,3-Dichloropropene	75	9.474	9.464	(1.334)	1613170	100.000	89.34
46 4-Methyl-2-pentanone	43	9.819	9.819	(1.383)	4309220	500.000	362.8
$ 47 Toluene-d8	98	9.928	9.928	(0.787)	2680028	100.000	93.41
48 Toluene (*)	91	10.046	10.036	(0.796)	2989433	100.000	98.35
49 trans-1,3-Dichloropropene	75	10.529	10.529	(0.834)	1477645	100.000	99.16
50 1,1,2-Trichloroethane	97	10.854	10.844	(0.860)	1033450	100.000	103.4
51 Tetrachloroethene	164	11.061	11.051	(0.877)	1368097	100.000	110.9
52 1,3-Dichloropropane	76	11.130	11.129	(0.882)	1653540	100.000	98.08
53 2-Hexanone	43	11.386	11.386	(0.902)	3177686	500.000	401.4
54 Dibromochloromethane	129	11.553	11.543	(0.916)	1954323	100.000	115.8
55 1,2-Dibromoethane	107	11.721	11.711	(0.929)	1645144	100.000	109.3
* 56 Chlorobenzene-d5	117	12.617	12.627	(1.000)	1294737	50.0000	
57 Chlorobenzene (**)	112	12.676	12.676	(1.005)	2450446	100.000	102.8
58 1,1,1,2-Tetrachloroethane	131	12.873	12.863	(1.020)	1525186	100.000	113.6
59 Ethylbenzene (*)	106	12.933	12.942	(1.025)	1153745	100.000	100.2
60 m,p-Xylenes	106	13.169	13.179	(1.044)	2802289	200.000	194.1
61 o-Xylene	106	13.928	13.928	(1.104)	1378141	100.000	97.15

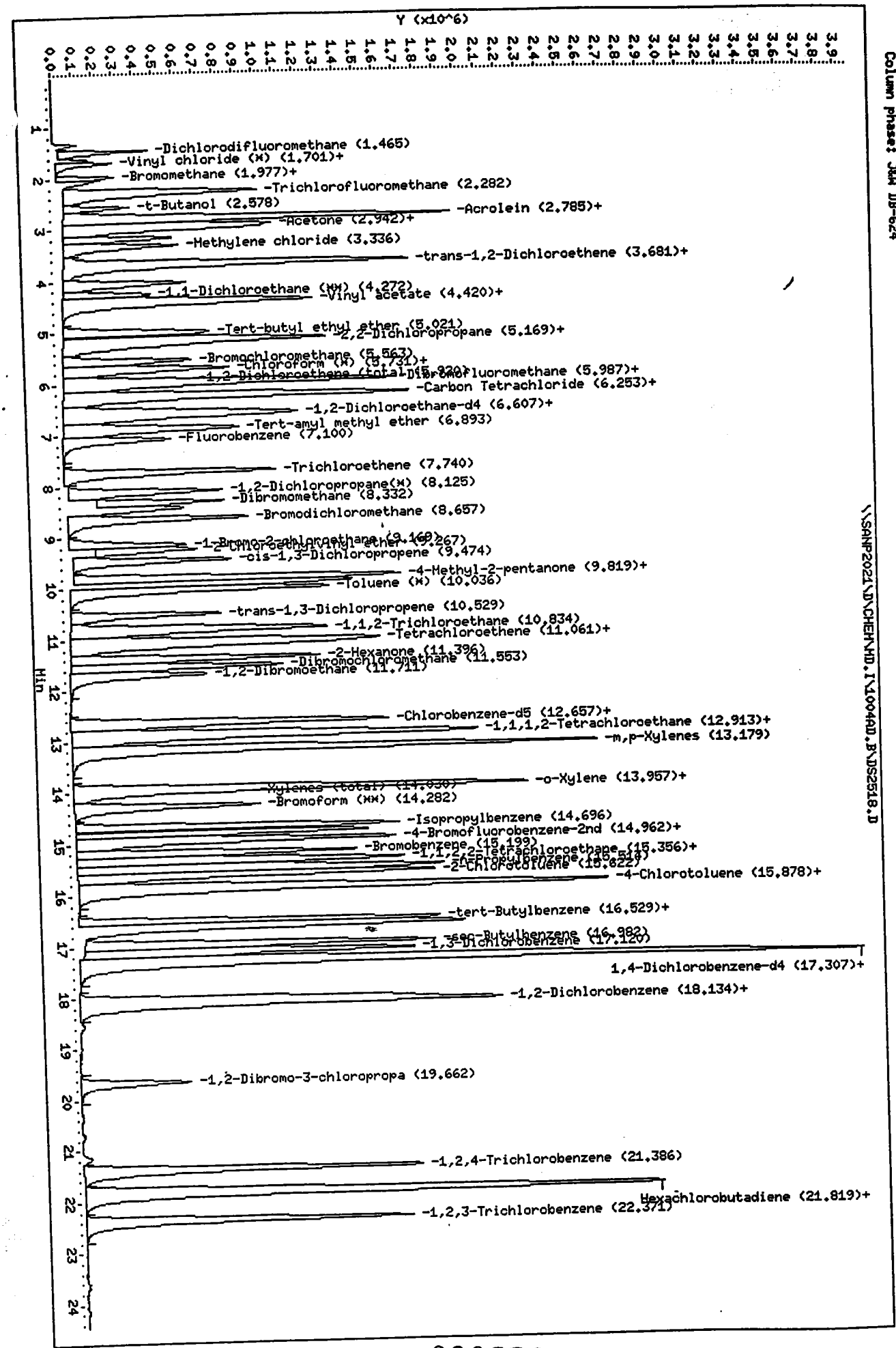
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
62 Styrene	104	13.967	13.977	(1.107)	2345211	100.000	101.3
M 63 Xylenes (total)	100				4180431	300.000	291.2
64 Bromoform (**)	173	14.282	14.282	(1.132)	1688328	100.000	119.5
65 Isopropylbenzene	105	14.696	14.686	(1.165)	4394439	100.000	100.8
66 4-Bromofluorobenzene-2nd	174	14.962	14.962	(0.866)	1677326	100.000	92.42
$ 67 4-Bromofluorobenzene	95	14.952	14.962	(0.866)	2248466	100.000	85.66
68 Bromobenzene	156	15.208	15.198	(0.881)	1512084	100.000	101.8
69 1,1,2,2-Tetrachloroethane(**)	83	15.346	15.346	(0.889)	1676532	100.000	92.00
70 1,2,3-Trichloropropane	110	15.366	15.366	(0.890)	570699	100.000	99.10
71 n-Propylbenzene	91	15.524	15.514	(0.899)	4723061	100.000	93.24
72 2-Chlorotoluene	126	15.632	15.622	(0.905)	1096359	100.000	95.27
73 4-Chlorotoluene	126	15.859	15.849	(0.918)	1153822	100.000	96.87
74 1,3,5-Trimethylbenzene	105	15.898	15.908	(0.921)	3725098	100.000	94.06
75 tert-Butylbenzene	119	16.529	16.529	(0.957)	3864815	100.000	94.72
76 1,2,4-Trimethylbenzene	105	16.637	16.637	(0.963)	3782955	100.000	94.02
77 sec-Butylbenzene	105	16.982	16.972	(0.983)	5114656	100.000	91.66
78 1,3-Dichlorobenzene	146	17.130	17.139	(0.992)	2439319	100.000	96.27
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.267	(1.000)	951421	50.0000	
80 1,4-Dichlorobenzene	146	17.317	17.317	(1.003)	2628748	100.000	96.61
81 p-Isopropyltoluene	119	17.307	17.307	(1.002)	4172583	100.000	94.19
82 1,2-Dichlorobenzene	146	18.046	18.046	(1.045)	2376905	100.000	98.10
83 n-Butylbenzene	91	18.144	18.134	(1.051)	4068085	100.000	91.81
84 1,2-Dibromo-3-chloropropane	157	19.662	19.681	(1.139)	627411	100.000	104.0
85 1,2,4-Trichlorobenzene	180	21.376	21.376	(1.238)	2246956	100.000	102.5
86 Hexachlorobutadiene	225	21.809	21.809	(1.263)	1887392	100.000	112.5
87 Napthalene	128	21.849	21.849	(1.265)	3567639	100.000	95.89
88 1,2,3-Trichlorobenzene	180	22.371	22.371	(1.296)	2066653	100.000	100.4

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2518.D
Date : 04-OCT-2000 13:30
Client ID:
Sample Info: 100 PPB 8260B STD,,,4,0,,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: CFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2519.D
Lab Smp Id: 400 PPB 8260B STD
Inj Date : 04-OCT-2000 14:02
Operator : GFB
Smp Info : 400 PPB 8260B STD,,,5,0,,,8260BDA.M
Misc Info : 1242-2;1236-1,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Meth Date : 04-Oct-2000 14:26 ramirezr
Cal Date : 04-OCT-2000 14:02
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 4.00
Processing Host: SANP2021

Inst ID: md.i
Quant Type: ISTD
Cal File: DS2519.D
Calibration Sample, Level: 5
Compound Sublist: all.SUB

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.460	1.460	(0.205)	4427300	400.000	330.8
2 Vinyl chloride (*)	62	1.696	1.696	(0.238)	2165028	400.000	334.2
3 Chloromethane (**)	50	1.637	1.637	(0.230)	1773666	400.000	311.2
4 Bromomethane	94	1.972	1.972	(0.277)	1831634	400.000	277.9
5 Chloroethane	64	2.071	2.071	(0.291)	904548	400.000	216.1
6 Trichlorofluoromethane	101	2.317	2.317	(0.326)	4819682	400.000	224.4
7 Acrolein	56	2.731	2.731	(0.384)	1808424	4000.00	4506(A)
8 1,1-Dichloroethene(*)	96	2.780	2.780	(0.391)	2817859	400.000	333.7
9 1,1,2-Trichlorotrifluoroethan	151	2.780	2.780	(0.391)	4817468	400.000	341.8
10 Acetone	43	2.928	2.928	(0.412)	2627031	2000.00	1580
11 Iodomethane	142	2.938	2.938	(0.413)	10609244	800.000	652.0(A)
12 Carbon disulfide	76	2.987	2.987	(0.420)	6510057	400.000	344.7
13 Methylene chloride	84	3.342	3.342	(0.470)	3148490	400.000	367.0
14 t-Butanol	59	2.603	2.603	(0.366)	2217620	10000.0	10190(A)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
15 trans-1,2-Dichloroethene	96	3.667	3.667	(0.515)	3389956	400.000	346.0
16 Acrylonitrile	53	3.706	3.706	(0.521)	4580584	4000.00	3588(A)
17 Methyl-tert-butyl ether[MTBE]	73	3.746	3.746	(0.526)	7998078	400.000	354.7
18 1,1-Dichloroethane (**)	63	4.288	4.288	(0.603)	5963806	400.000	353.4
19 Vinyl acetate	43	4.426	4.426	(0.622)	15041545	800.000	691.2(A)
20 Isopropyl ether	45	4.475	4.475	(0.629)	9830728	400.000	336.8
21 2,2-Dichloropropane	77	5.155	5.155	(0.724)	6348951	400.000	346.5
22 Tert-butyl ethyl ether	59	5.046	5.046	(0.709)	10082779	400.000	361.2
23 cis-1,2-Dichloroethene	96	5.194	5.194	(0.730)	3595693	400.000	361.7
24 2-Butanone	43	5.302	5.302	(0.745)	4887068	2000.00	1698
25 Bromochloromethane	128	5.578	5.578	(0.784)	2452050	400.000	373.8
26 Chloroform (*)	83	5.756	5.756	(0.809)	7624737	400.000	347.3
27 Tetrahydrofuran	42	5.716	5.716	(0.803)	626911	400.000	360.0
M 28 1,2-Dichloroethene (total)	100				6985650	800.000	707.8
$ 29 Dibromofluoromethane	111	6.012	6.012	(0.845)	7086327	400.000	332.4
30 1,1,1-Trichloroethane	97	5.982	5.982	(0.841)	8036048	400.000	351.4
31 Carbon Tetrachloride	117	6.248	6.248	(0.878)	7678851	400.000	351.0
32 1,1-Dichloropropene	75	6.268	6.268	(0.881)	5425363	400.000	333.1
$ 33 1,2-Dichloroethane-d4	65	6.544	6.544	(0.920)	4930543	400.000	342.6
35 Benzene	78	6.593	6.593	(0.927)	8671325	400.000	340.8
36 1,2-Dichloroethane	62	6.672	6.672	(0.938)	5782627	400.000	361.0
37 Tert-amyl methyl ether	73	6.908	6.908	(0.971)	9695149	400.000	366.1
* 38 Fluorobenzene	96	7.115	7.115	(1.000)	1499019	50.0000	
39 Trichloroethene	130	7.756	7.756	(1.090)	5090253	400.000	363.3
40 1,2-Dichloropropane(*)	63	8.140	8.140	(1.144)	3702276	400.000	357.0
41 Dibromomethane	93	8.347	8.347	(1.173)	3573473	400.000	369.9
42 Bromodichloromethane	83	8.662	8.662	(1.217)	8124657	400.000	378.4
43 1-Bromo-2-chloroethane	63	9.184	9.184	(1.291)	9044102	400.000	382.6
44 2-Chloroethylvinyl ether	106	9.293	9.293	(1.306)	1207448	800.000	917.6(A)
45 cis-1,3-Dichloropropene	75	9.480	9.480	(1.332)	6143604	400.000	379.2
46 4-Methyl-2-pentanone	43	9.844	9.844	(1.384)	13596112	2000.00	1743
$ 47 Toluene-d8	98	9.953	9.953	(0.788)	9223539	400.000	312.5
48 Toluene (*)	91	10.071	10.071	(0.797)	10893724	400.000	349.6
49 trans-1,3-Dichloropropene	75	10.534	10.534	(0.834)	5700884	400.000	400.6(A)
50 1,1,2-Trichloroethane	97	10.859	10.859	(0.860)	3753767	400.000	365.1
51 Tetrachloroethene	164	11.066	11.066	(0.876)	4952743	400.000	350.0
52 1,3-Dichloropropane	76	11.155	11.155	(0.883)	5662155	400.000	349.8
53 2-Hexanone	43	11.411	11.411	(0.903)	10063033	2000.00	1788
54 Dibromochloromethane	129	11.568	11.568	(0.916)	7186781	400.000	381.9
55 1,2-Dibromoethane	107	11.726	11.726	(0.928)	5903928	400.000	379.2
* 56 Chlorobenzene-d5	117	12.632	12.632	(1.000)	1275234	50.0000	
57 Chlorobenzene (**)	112	12.682	12.682	(1.004)	8861585	400.000	353.6
58 1,1,1,2-Tetrachloroethane	131	12.879	12.879	(1.019)	5483825	400.000	362.0
59 Ethylbenzene (*)	106	12.948	12.948	(1.025)	4047488	400.000	346.2
60 m,p-Xylenes	106	13.184	13.184	(1.044)	9828874	800.000	669.1
61 o-Xylene	106	13.943	13.943	(1.104)	4987983	400.000	351.5
62 Styrene	104	13.992	13.992	(1.108)	8382608	400.000	355.6

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
M 63 Xylenes (total)	100				14816858	1200.00	1020
64 Bromoform (**)	173	14.297	14.297	(1.132)	6169596	400.000	406.4(A)
65 Isopropylbenzene	105	14.701	14.701	(1.164)	15328199	400.000	342.6
66 4-Bromofluorobenzene-2nd	174	14.977	14.977	(0.866)	5818130	400.000	335.6
$ 67 4-Bromofluorobenzene	95	14.967	14.967	(0.866)	7604911	400.000	328.6
68 Bromobenzene	156	15.224	15.224	(0.880)	5403998	400.000	373.6
69 1,1,2,2-Tetrachloroethane(**)	83	15.352	15.352	(0.888)	5541441	400.000	372.1
70 1,2,3-Trichloropropane	110	15.391	15.391	(0.890)	1885390	400.000	386.5
71 n-Propylbenzene	91	15.539	15.539	(0.899)	15496581	400.000	343.8
72 2-Chlorotoluene	126	15.647	15.647	(0.905)	3891382	400.000	357.2
73 4-Chlorotoluene	126	15.864	15.864	(0.917)	4118669	400.000	361.9
74 1,3,5-Trimethylbenzene	105	15.923	15.923	(0.921)	12521178	400.000	345.4
75 tert-Butylbenzene	119	16.544	16.544	(0.957)	13234421	400.000	353.4
76 1,2,4-Trimethylbenzene	105	16.652	16.652	(0.963)	12840754	400.000	348.1
77 sec-Butylbenzene	105	16.997	16.997	(0.983)	17391237	400.000	354.1
78 1,3-Dichlorobenzene	146	17.145	17.145	(0.991)	8551308	400.000	352.5
* 79 1,4-Dichlorobenzene-d4	152	17.293	17.293	(1.000)	870677	50.0000	
80 1,4-Dichlorobenzene	146	17.342	17.342	(1.003)	8902406	400.000	336.4
81 p-Isopropyltoluene	119	17.332	17.332	(1.002)	13639178	400.000	336.6
82 1,2-Dichlorobenzene	146	18.061	18.061	(1.044)	8268402	400.000	356.4
83 n-Butylbenzene	91	18.150	18.150	(1.050)	13741724	400.000	355.2
84 1,2-Dibromo-3-chloropropane	157	19.667	19.667	(1.137)	2222731	400.000	440.3(A)
85 1,2,4-Trichlorobenzene	180	21.381	21.381	(1.236)	7839974	400.000	365.9
86 Hexachlorobutadiene	225	21.815	21.815	(1.262)	6026143	400.000	372.4
87 Napthalene	128	21.864	21.864	(1.264)	11053243	400.000	340.9
88 1,2,3-Trichlorobenzene	180	22.376	22.376	(1.294)	7159560	400.000	358.0

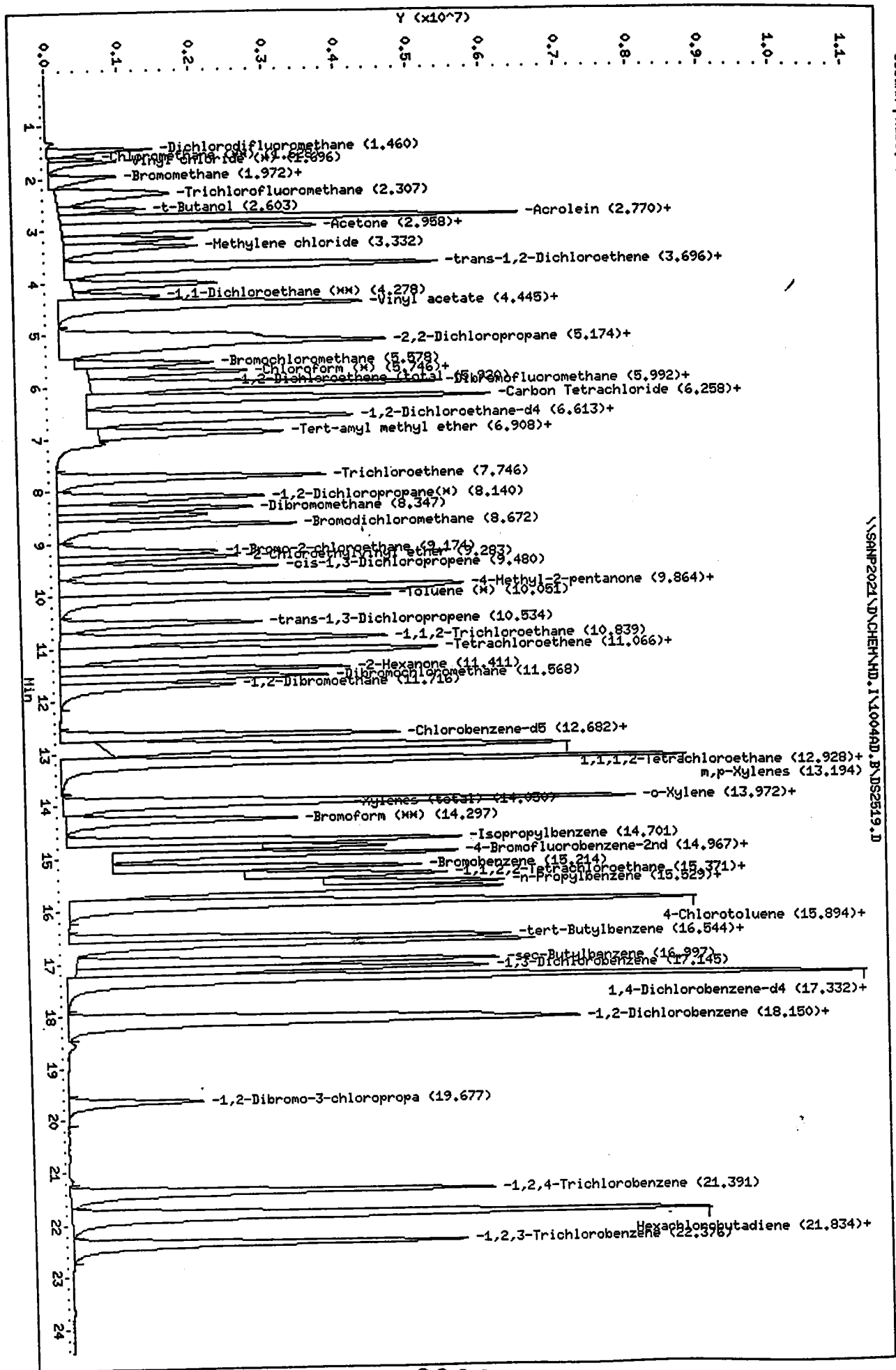
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2519.D
Date : 04-OCT-2000 14:02
Client ID:
Sample Info: 400 PPB 8260B STD,,,5.0,,,8260BDA.M

Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



000327

BOE-C6-0150750

8260B SAMPLE / QC DATA

DATE ANALYZED: 10-13-2011

INSTRUMENT ID: MC

SAMPLES: EU5090227

F 10/28/0

GC/MS V(Run Log

Batch ID: 0190625
0288129-624

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☐ 5030B ☐ 5035

Inst ID: MSC	EM Set: 1647	Tune File: BFB U	Seq File: 10/13/BC
Init. Cal ID: 8260BLL			Date: 10/13/2000 PM

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
16:44	AD	CT1204	50ng BFB			1µm			✓			MSV0021198-1
17:00		CS2044	.5 ppb 8260B	1	2	25mm	1.0	165	✓			S1254-1; S1254-2; STD1255-2
17:30		CS2045	1 ppb 8260B	2				163	✓			
18:00		CS2046	5 ppb 8260B	3				161	✓			
18:30		CS2047	10 ppb 8260B	4				161	✓			
19:00		CS2048	50 ppb 8260B	5				157	✓			
19:30		CS2049	100 ppb 8260B	6				132	✓			
20:00		C09780	MB-1013BC	7				52	✓			
20:31		81	LCS-1013BC	1				160	✓			SECOND SOURCE QC1253-1
21:00		82	MB-1013BC	7				166	✓			
21:40		83	DLP6C101	7				169	✓		2	EOJ060287-2
22:10		84	DLM48E101	8				151	✓			EOJ130239-1
22:40		85	DLTAM101	9				157	✓			EOJ090226-1
23:10		86	DLTDP101	10				149	✓			-2
23:40		87	DLTDK101	11				141	✓			EOJ090227-2
0:10		88	DM1A91AA	12				157	✓			EOJ110284-29
0:40		89	DM1CC1AA	13				137	✓			-3
1:10		90	DM1DN1AA	14				157	✓			EOJ110292-1
1:40		91	DM1EK1AA	15				142	✓			-1
2:10		92	DLP6C102MS	16				158	✓			EOJ060287-2M
2:40		93	DLP6C103MSD	1				158	✓			-2M
3:10		94	DLTDP102MS	2				159	✓			EOJ090226-2M
3:40		C097 95	DLTDP103MD	3				90	✓	✓		2M
				4								

000329

BOE-C6-0150752

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA30355

Lab File ID (Standard): CS2047 Date Analyzed: 10/13/00

Instrument ID: MC Time Analyzed: 1830

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	1611523	8.02	1203388	13.49	758273	18.11
	UPPER LIMIT	3223046	8.52	2406776	13.99	1516546	18.61
	LOWER LIMIT	805762	7.52	601694	12.99	379137	17.61
	EPA SAMPLE NO.						
01	C09781	1668547	8.02	1170627	13.49	708111	18.12
02	C09781	1661865	8.04	1192925	13.50	706762	18.13
03	C09783	1690556	8.03	1259278	13.49	779250	18.13
04	C09784	1518309	8.04	1152384	13.49	719068	18.12
05	C09785	1520660	8.02	1058524	13.49	600994	18.13
06	C09786	1492351	8.02	1081909	13.49	658737	18.12
07	C09787	1418462	8.02	1067163	13.49	653881	18.13
08	C09788	1572548	8.02	1129388	13.49	682187	18.12
09	C09789	1356572	8.03	907950	13.49	522396	18.12
10	C09790	1589333	8.03	1158463	13.49	705561	18.12
11	C09791	1425251	8.03	1032333	13.49	633059	18.12
12	C09792	1558406	8.03	1161065	13.50	748572	18.13
13	C09793	1583278	8.01	1178516	13.48	746088	18.13
14	C09794	1591742	8.02	1127017	13.49	707310	18.13
15	C09795	90704*	8.05	45981*	13.50	20111*	18.15
16							
17							
18							
19							
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA 1/87 Rev.

STL Los Angeles

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CT1204.D
Lab Smp Id:
Inj Date : 13-OCT-2000 16:44
Operator : AD
Inst ID: mc.i
Smp Info : 50NG BFB,BFB,,,,,,BFB.M
Misc Info : 1UL;MSVOA1198-2,,,,3,ALL.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\BFB.M
Meth Date : 23-May-2000 08:08 kentf
Quant Type: ISTD
Cal Date :
Cal File:
Als bottle: 2
QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: all.sub
Target Version: 4.00
Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 p-Bromofluorobenzene						CAS #: 460-00-4		
2.1451	2.1000	(0.000)	95	81802			0.00- 100.00	100.00
2.1451	2.1000	(0.000)	50	19304			15.00- 40.00	23.60
2.1451	2.1000	(0.000)	75	42832			30.00- 60.00	52.36
2.1451	2.1000	(0.000)	96	6113			5.00- 9.00	7.47
2.1451	2.1000	(0.000)	173	0			0.00- 2.00	0.00
2.1451	2.1000	(0.000)	174	70997			50.00- 0.00	86.79
2.1451	2.1000	(0.000)	175	5608			5.00- 9.00	7.90
2.1451	2.1000	(0.000)	176	69992			95.00- 101.00	98.58
2.1451	2.1000	(0.000)	177	4761			5.00- 9.00	6.80

AM 10/13/2000

Data File: \\SANP2010\D\chem\mo.i\1013BC.B\CT1204.D

Date : 13-OCT-2000 16:44

Client ID:

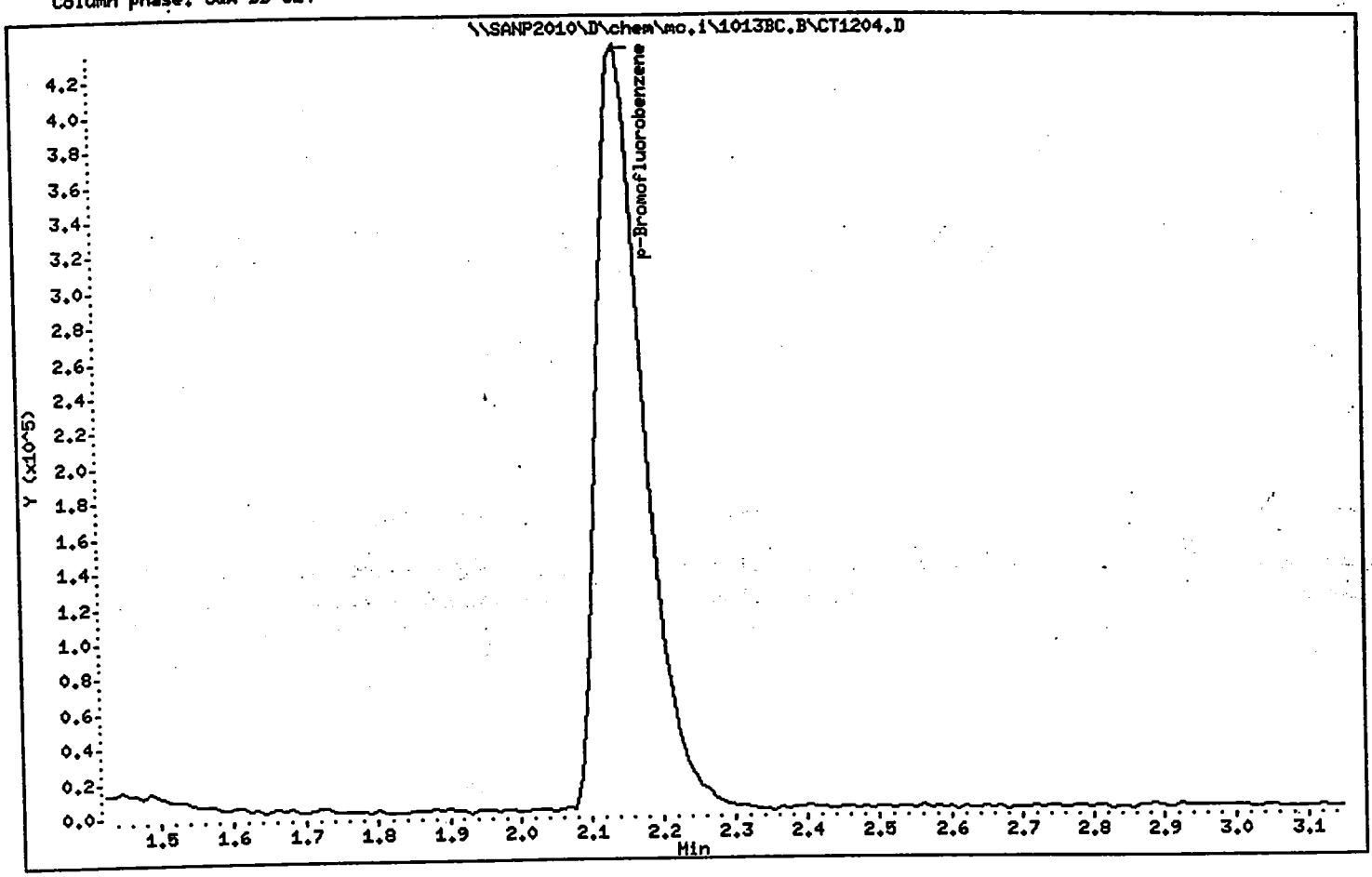
Instrument: mo.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2010\D\chem\mo.i\1013BC.B\CT1204.D

Date : 13-OCT-2000 16:44

Client ID:

Instrument: mo.i

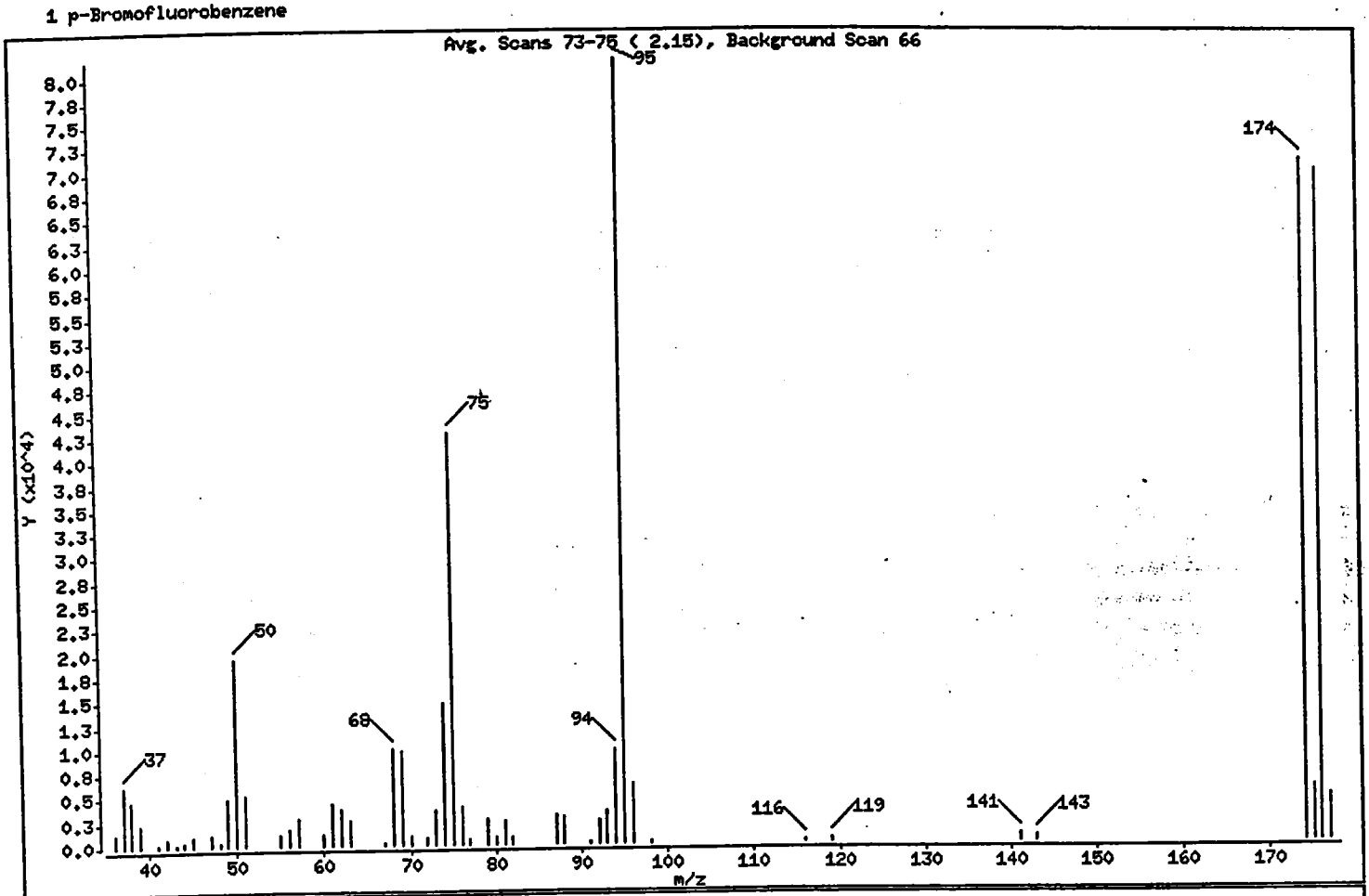
Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 p-Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.60
75	30.00 - 60.00% of mass 95	52.36
96	5.00 - 9.00% of mass 95	7.47
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	86.79
175	5.00 - 9.00% of mass 174	6.86 (7.90)
176	95.00 - 101.00% of mass 174	85.56 (98.58)
177	5.00 - 9.00% of mass 176	5.82 (6.80)

Data File: \\SANP2010\D\chem\mo.i\1013BC.B\CT1204.D
Date : 13-OCT-2000 16:44
Client ID:
Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Instrument: mo.i
Operator: AD
Column phase: J&W DB-624
Column diameter: 0.53

Data File: CT1204.D
Spectrum: Avg. Scans 73-75 (2.15), Background Scan 66
Location of Maximum: 95.00
Number of points: 52

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1303	55.00	1201	75.00	42832	96.00	6113
37.00	6152	56.00	1614	76.00	3943	98.00	192
38.00	4611	57.00	2913	77.00	618	116.00	204
39.00	2188	60.00	1051	79.00	2659	119.00	375
41.00	190	61.00	4355	80.00	793	141.00	707
42.00	731	62.00	3845	81.00	2466	143.00	598
43.00	173	63.00	2592	82.00	715	174.00	70992
44.00	325	67.00	171	87.00	2946	175.00	5608
45.00	1021	68.00	9886	88.00	2816	176.00	69992
47.00	1175	69.00	9757	91.00	252	177.00	4761
48.00	394	70.00	912	92.00	2403		
49.00	4956	72.00	718	93.00	3349		
50.00	19304	73.00	3613	94.00	9815		
51.00	5314	74.00	14592	95.00	81800		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i
Lab File ID: CS2047.D
Analysis Type: WATER
Lab Sample ID: 10PPB 8260BSTD
Method: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M

Injection Date: 13-OCT-2000 18:30
Init. Cal. Date(s): 13-OCT-2000 13-OCT-2000
Init. Cal. Times: 17:00 19:30
Quant Type: ISTD

	COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D	
	1 Dichlorodifluoromethane	0.47812	0.47578	0.010	-0.5	50.0	
	2 Chloromethane (**)	0.17821	0.16264	0.100	-8.7	50.0	
	3 Vinyl chloride (*)	0.21289	0.21270	0.010	-0.1	20.0	
	4 Bromomethane	0.22509	0.21315	0.010	-5.3	50.0	
	5 Chloroethane	0.13761	0.14745	0.010	7.1	50.0	
	6 Trichlorofluoromethane	0.79484	0.79698	0.010	0.3	50.0	
	7 Acrolein	0.01737	0.01710	0.010	-1.6	50.0	
	8 1,1-Dichloroethene(*)	0.28621	0.28711	0.010	0.3	20.0	
	9 1,1,2-Trichlorotrifluoroeth	0.47679	0.47858	0.010	0.4	50.0	
	10 Iodomethane	0.51178	0.59744	0.010	16.7	50.0	
	11 Acetone	0.02094	0.02150	0.010	2.7	50.0	
	12 Carbon disulfide	0.56701	0.74910	0.010	32.1	50.0	
	13 Methylene chloride	0.22775	0.23667	0.010	3.9	50.0	
	14 Acrylonitrile	0.00290	0.00313	0.010	8.0	50.0	<-
	15 t-Butanol	0.00522	0.00339	0.010	-35.2	20.0	<-
	16 Vinyl acetate	0.30083	0.30140	0.010	0.2	50.0	
	17 trans-1,2-Dichloroethene	0.32739	0.32759	0.010	0.1	20.0	
	18 Methyl-tert-butyl ether[MTB	0.28643	0.30191	0.010	5.4	50.0	
	19 1,1-Dichloroethane (**)	0.52501	0.52212	0.100	-0.6	20.0	
	20 Isopropyl ether	0.69947	0.70437	0.010	0.7	20.0	
	21 Tert-butyl ethyl ether	0.56109	0.57953	0.010	3.3	20.0	
M	22 1,2-Dichloroethene (total)	0.31727	0.32779	0.010	3.3	20.0	
	23 2,2-Dichloropropane	0.31788	0.28426	0.010	-10.6	50.0	
	24 cis-1,2-Dichloroethene	0.30715	0.32799	0.010	6.8	20.0	
	25 2-Butanone	0.02365	0.02285	0.010	-3.4	50.0	
	26 Bromochloromethane	0.14855	0.15684	0.010	5.6	50.0	
	27 Tetrahydrofuran	0.01188	0.01510	0.010	27.1	50.0	
	28 Chloroform (*)	0.76245	0.78101	0.010	2.4	20.0	
$	29 Dibromofluoromethane	0.53385	0.54919	0.010	2.9	50.0	
	30 1,1,1-Trichloroethane	0.74110	0.75846	0.010	2.3	20.0	
	31 Carbon Tetrachloride	0.69529	0.74104	0.010	6.6	20.0	
	32 1,1-Dichloropropene	0.57059	0.57950	0.010	1.6	50.0	
$	33 1,2-Dichloroethane-d4	0.24971	0.26396	0.010	5.7	50.0	
	34 1,2-Dichloroethane-d4 2nd	0.04403	0.04657	0.010	5.8	50.0	
	35 Benzene	0.79444	0.81915	0.010	3.1	20.0	

BM 10/13/00

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i
Lab File ID: CS2047.D
Analysis Type: WATER
Lab Sample ID: 10PPB 8260BSTD
Method: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M

Injection Date: 13-OCT-2000 18:30
Init. Cal. Date(s): 13-OCT-2000 13-OCT-2000
Init. Cal. Times: 17:00 19:30
Quant Type: ISTD

	COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.32092	0.34190	0.010	6.5	20.0	
	37 Tert-amyl methyl ether	0.40327	0.42523	0.010	5.4	20.0	
	39 Trichloroethene	0.50327	0.50277	0.010	-0.1	20.0	
	40 1,2-Dichloropropane(*)	0.27539	0.28651	0.010	4.0	20.0	
	41 Dibromomethane	0.18816	0.20724	0.010	10.1	50.0	
	42 Bromodichloromethane	0.54942	0.58614	0.010	6.7	20.0	
	43 2-Chloroethylvinyl ether	0.00485	0.00293	0.010	-39.5	50.0	<-
	44 1-Bromo-2-chloroethane	0.25567	0.27206	0.010	6.4	50.0	
	45 cis-1,3-Dichloropropene	0.31011	0.33707	0.010	8.7	50.0	
	46 4-Methyl-2-pentanone	0.06770	0.07387	0.010	9.1	50.0	
$	47 Toluene-d8	1.08611	1.09375	0.010	0.7	50.0	
	48 Toluene (*)	1.39458	1.41791	0.010	1.7	20.0	
	49 trans-1,3-Dichloropropene	0.27496	0.28942	0.010	5.3	50.0	
	50 1,1,2-Trichloroethane	0.23393	0.24778	0.010	5.9	50.0	
	51 Tetrachloroethene	0.72855	0.73460	0.010	0.8	20.0	
	52 1,3-Dichloropropane	0.37597	0.39896	0.010	6.1	50.0	
	53 2-Hexanone	0.06631	0.06524	0.010	-1.6	50.0	
	54 Dibromochloromethane	0.49465	0.53259	0.010	7.7	50.0	
	55 1,2-Dibromoethane	0.31686	0.33945	0.010	7.1	50.0	
	57 Chlorobenzene (**)	1.07199	1.08767	0.300	1.5	50.0	
	58 1,1,1,2-Tetrachloroethane	0.53784	0.56949	0.010	5.9	50.0	
	59 Ethylbenzene (*)	0.52935	0.53745	0.010	1.5	20.0	
	60 m,p-Xylenes	0.65171	0.66882	0.010	2.6	20.0	
M	61 Xylenes (total)	0.63479	0.64800	0.010	2.1	20.0	
	62 o-Xylene	0.60095	0.60638	0.010	0.9	20.0	
	63 Styrene	0.87833	0.91995	0.010	4.7	50.0	
	64 Bromoform (**)	0.27134	0.29302	0.100	8.0	50.0	
	65 Isopropylbenzene	2.09661	2.13729	0.010	1.9	50.0	
$	66 4-Bromofluorobenzene	0.72278	0.77187	0.010	6.8	50.0	
	67 4-Bromofluorobenzene-2nd	0.61205	0.65612	0.010	7.2	50.0	
	68 Bromobenzene	0.95805	0.95122	0.010	-0.7	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.45959	0.46663	0.300	1.5	50.0	
	70 1,2,3-Trichloropropane	0.12147	0.12876	0.010	6.0	50.0	
	71 n-Propylbenzene	4.06276	3.76125	0.010	-7.4	50.0	
	72 2-Chlorotoluene	0.81296	0.78970	0.010	-2.9	50.0	
	73 4-Chlorotoluene	0.79102	0.79501	0.010	0.5	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i
Lab File ID: CS2047.D
Analysis Type: WATER
Lab Sample ID: 10PPB 8260BSTD Quant Type: ISTD
Method: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M

Injection Date: 13-OCT-2000 18:30
Init. Cal. Date(s): 13-OCT-2000 13-OCT-2000
Init. Cal. Times: 17:00 19:30

COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.83677	2.73729	0.010	-3.5	50.0
75 tert-Butylbenzene	3.12145	3.04446	0.010	-2.5	50.0
76 1,2,4-Trimethylbenzene	2.77919	2.73764	0.010	-1.5	50.0
77 sec-Butylbenzene	4.16324	4.00208	0.010	-3.9	50.0
78 1,3-Dichlorobenzene	1.70685	1.67186	0.010	-2.1	50.0
80 p-Isopropyltoluene	3.46639	3.36780	0.010	-2.8	50.0
81 1,4-Dichlorobenzene	1.72203	1.73110	0.010	0.5	50.0
82 1,2-Dichlorobenzene	1.37848	1.35278	0.010	-1.9	50.0
83 n-Butylbenzene	3.43040	3.35321	0.010	-2.3	50.0
84 1,2-Dibromo-3-chloropropane	0.08952	0.09701	0.010	8.4	50.0
85 1,2,4-Trichlorobenzene	1.26756	1.27660	0.010	0.7	50.0
86 Hexachlorobutadiene	1.72387	1.71256	0.010	-0.7	50.0
87 Napthalene	0.80240	0.87080	0.010	8.5	20.0
88 1,2,3-Trichlorobenzene	0.96366	0.96406	0.010	0.0	50.0

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2047.D
Lab Smp Id: 10PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M
Misc Info: ,25,,,2,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 20:31

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1662289	831145	3324578	1611523	-3.05
56 Chlorobenzene-d5	1178377	589189	2356754	1203388	2.12
79 1,4-Dichlorobenze	708111	354056	1416222	758273	7.08

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	-0.03
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	-0.02
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.11	-0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.810	14.810	(1.098)	1107053	10.0000	10.47
64 Bromoform (**)	173	15.116	15.116	(1.121)	352622	10.0000	10.80
65 Isopropylbenzene	105	15.530	15.530	(1.151)	2571995	10.0000	10.19
$ 66 4-Bromofluorobenzene	95	15.796	15.796	(1.171)	928863	10.0000	10.68
67 4-Bromofluorobenzene-2nd	174	15.796	15.796	(1.171)	789568	10.0000	10.72
68 Bromobenzene	156	16.062	16.062	(0.887)	721285	10.0000	9.93
69 1,1,2,2-Tetrachloroethane(**)	83	16.131	16.131	(0.891)	353831	10.0000	10.15
70 1,2,3-Trichloropropane	110	16.170	16.170	(0.893)	97634	10.0000	10.60(Q)
71 n-Propylbenzene	91	16.358	16.358	(0.903)	2852056	10.0000	9.26
72 2-Chlorotoluene	126	16.476	16.476	(0.910)	598810	10.0000	9.71
73 4-Chlorotoluene	126	16.702	16.702	(0.922)	602833	10.0000	10.05
74 1,3,5-Trimethylbenzene	105	16.732	16.732	(0.924)	2075612	10.0000	9.65
75 tert-Butylbenzene	119	17.373	17.373	(0.959)	2308531	10.0000	9.75
76 1,2,4-Trimethylbenzene	105	17.471	17.471	(0.965)	2075876	10.0000	9.85
77 sec-Butylbenzene	105	17.826	17.826	(0.984)	3034666	10.0000	9.61
78 1,3-Dichlorobenzene	146	17.974	17.974	(0.992)	1267723	10.0000	9.79
* 79 1,4-Dichlorobenzene-d4	152	18.112	18.112	(1.000)	758273	10.0000	(Q)
80 p-Isopropyltoluene	119	18.141	18.141	(1.002)	2553712	10.0000	9.72
81 1,4-Dichlorobenzene	146	18.161	18.161	(1.003)	1312643	10.0000	10.05
82 1,2-Dichlorobenzene	146	18.900	18.900	(1.044)	1025779	10.0000	9.81
83 n-Butylbenzene	91	18.979	18.979	(1.048)	2542647	10.0000	9.77
84 1,2-Dibromo-3-chloropropane	157	20.507	20.507	(1.132)	73563	10.0000	10.84
85 1,2,4-Trichlorobenzene	180	22.241	22.241	(1.228)	968012	10.0000	10.07
86 Hexachlorobutadiene	225	22.675	22.675	(1.252)	1298588	10.0000	9.93
87 Napthalene	128	22.705	22.705	(1.254)	660303	10.0000	10.85
88 1,2,3-Trichlorobenzene	180	23.148	23.148	(1.278)	731019	10.0000	10.00

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\CS2047.D
Lab Smp Id: 10PPB 8260BSTD
Inj Date : 13-OCT-2000 18:30
Operator : AD Inst ID: mc.i
Smp Info : 10PPB 8260BSTD,,,3,0,,,8260BCL.M
Misc Info : ,25,,,2,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.M
Meth Date : 13-Oct-2000 22:41 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

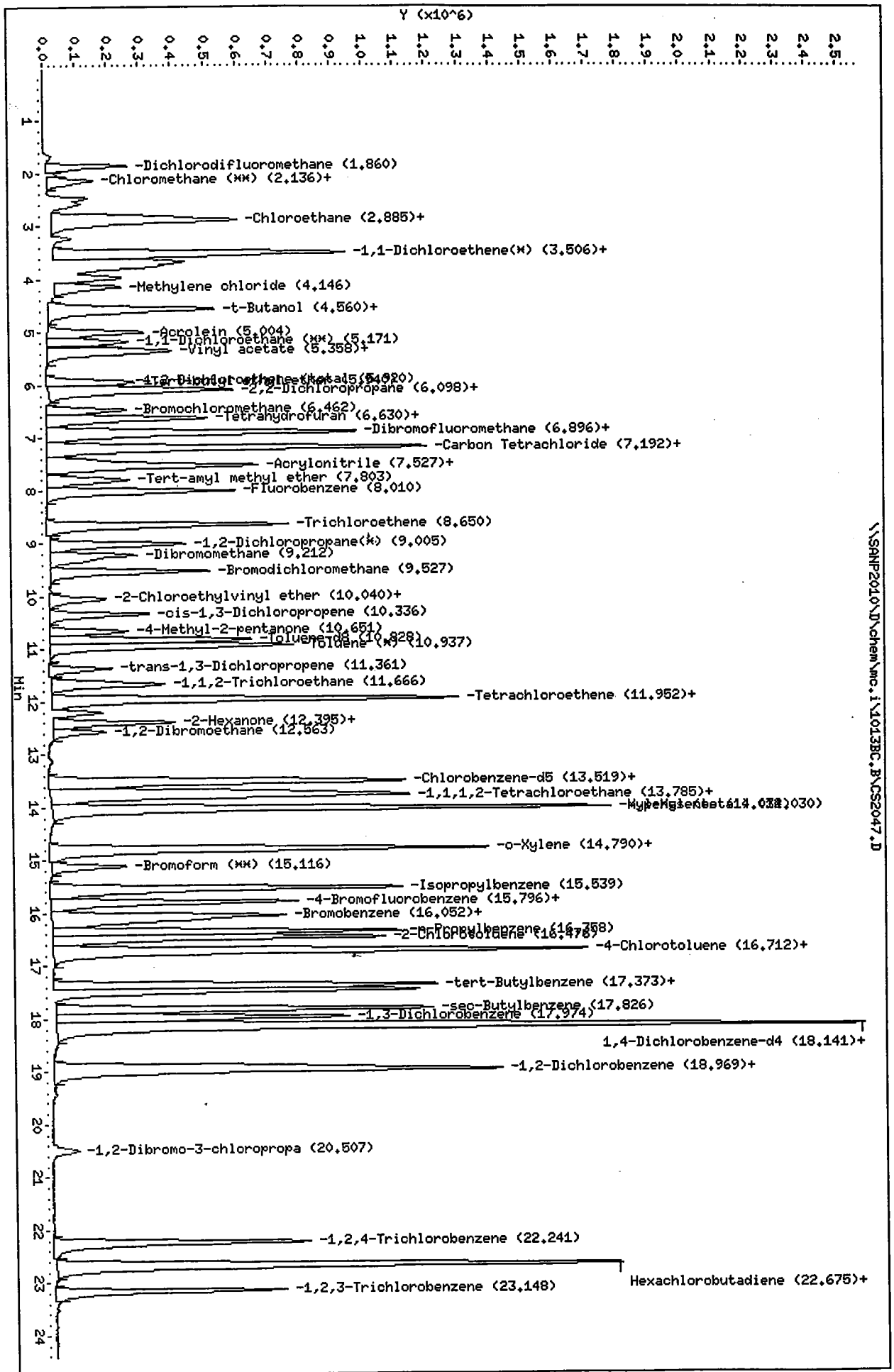
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.850	1.850	(0.231)	766726	10.0000	9.95
2 Chloromethane (**)	50	2.116	2.116	(0.264)	262095	10.0000	9.13
3 Vinyl chloride (*)	62	2.136	2.136	(0.266)	342778	10.0000	9.99
4 Bromomethane	94	2.471	2.471	(0.308)	343496	10.0000	9.47
5 Chloroethane	64	2.579	2.579	(0.322)	237618	10.0000	10.71
6 Trichlorofluoromethane	101	2.894	2.894	(0.361)	1284347	10.0000	10.03
7 Acrolein	56	4.984	4.984	(0.621)	275540	100.000	98.43
8 1,1-Dichloroethene(*)	96	3.496	3.496	(0.436)	462688	10.0000	10.03
9 1,1,2-Trichlorotrifluoroethan	151	3.515	3.515	(0.438)	771241	10.0000	10.04
10 Iodomethane	142	3.673	3.673	(0.458)	1925574	20.0000	23.35
11 Acetone	43	3.545	3.545	(0.442)	173243	50.0000	51.34
12 Carbon disulfide	76	3.772	3.772	(0.470)	1207187	10.0000	13.21
13 Methylene chloride	84	4.146	4.146	(0.517)	381395	10.0000	10.39
14 Acrylonitrile	53	7.428	7.428	(0.926)	50412	100.000	108.0(Q)
15 t-Butanol	59	4.550	4.550	(0.567)	21826	40.0000	25.92(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.329	5.329	(0.664)	971437	20.0000	20.04
	17 trans-1,2-Dichloroethene	96	4.550	4.550	(0.567)	527912	10.0000	10.01
	18 Methyl-tert-butyl ether[MTBE]	73	4.590	4.590	(0.572)	486532	10.0000	10.54
	19 1,1-Dichloroethane (**)	63	5.171	5.171	(0.645)	841407	10.0000	9.94
	20 Isopropyl ether	45	5.359	5.359	(0.668)	1135112	10.0000	10.07
	21 Tert-butyl ethyl ether	59	5.950	5.950	(0.742)	933926	10.0000	10.33
M	22 1,2-Dichloroethene (total)	100				1056480	20.0000	20.68
	23 2,2-Dichloropropane	77	6.078	6.078	(0.758)	458085	10.0000	8.94
	24 cis-1,2-Dichloroethene	96	6.098	6.098	(0.760)	528568	10.0000	10.68
	25 2-Butanone	43	6.137	6.137	(0.765)	184107	50.0000	48.30
	26 Bromochloromethane	128	6.472	6.472	(0.807)	252747	10.0000	10.56
	27 Tetrahydrofuran	42	6.581	6.581	(0.821)	24329	10.0000	12.71(Q)
	28 Chloroform (*)	83	6.640	6.640	(0.828)	1258616	10.0000	10.24
$	29 Dibromofluoromethane	111	6.886	6.886	(0.859)	885030	10.0000	10.29
	30 1,1,1-Trichloroethane	97	6.906	6.906	(0.861)	1222273	10.0000	10.23
	31 Carbon Tetrachloride	117	7.192	7.192	(0.897)	1194203	10.0000	10.66
	32 1,1-Dichloropropene	75	7.192	7.192	(0.897)	933870	10.0000	10.16
$	33 1,2-Dichloroethane-d4	65	7.428	7.428	(0.926)	425383	10.0000	10.57
	34 1,2-Dichloroethane-d4 2nd	102	7.428	7.428	(0.926)	75053	10.0000	10.58
	35 Benzene	78	7.527	7.527	(0.939)	1320083	10.0000	10.31
	36 1,2-Dichloroethane	62	7.556	7.556	(0.942)	550987	10.0000	10.65
	37 Tert-amyl methyl ether	73	7.803	7.803	(0.973)	685267	10.0000	10.54
*	38 Fluorobenzene	96	8.020	8.020	(1.000)	1611523	10.0000	
	39 Trichloroethene	130	8.650	8.650	(1.079)	810225	10.0000	9.99
	40 1,2-Dichloropropane(*)	63	9.005	9.005	(1.123)	461721	10.0000	10.40
	41 Dibromomethane	93	9.212	9.212	(1.149)	333972	10.0000	11.01
	42 Bromodichloromethane	83	9.527	9.527	(1.188)	944578	10.0000	10.67
	43 2-Chloroethylvinyl ether	106	10.109	10.109	(1.261)	9455	20.0000	12.09(Q)
	44 1-Bromo-2-chloroethane	63	10.040	10.040	(1.252)	438429	10.0000	10.64
	45 cis-1,3-Dichloropropene	75	10.336	10.336	(1.289)	543196	10.0000	10.87
	46 4-Methyl-2-pentanone	43	10.651	10.651	(1.328)	595223	50.0000	54.56
$	47 Toluene-d8	98	10.828	10.828	(0.803)	1316204	10.0000	10.07
	48 Toluene (*)	91	10.937	10.937	(0.811)	1706294	10.0000	10.17
	49 trans-1,3-Dichloropropene	75	11.370	11.370	(0.843)	348288	10.0000	10.52
	50 1,1,2-Trichloroethane	97	11.686	11.686	(0.866)	298176	10.0000	10.59
	51 Tetrachloroethene	164	11.952	11.952	(0.886)	884007	10.0000	10.08
	52 1,3-Dichloropropane	76	11.982	11.982	(0.888)	480104	10.0000	10.61
	53 2-Hexanone	43	12.208	12.208	(0.905)	392565	50.0000	49.19
	54 Dibromochloromethane	129	12.395	12.395	(0.919)	640911	10.0000	10.77
	55 1,2-Dibromoethane	107	12.573	12.573	(0.932)	408493	10.0000	10.71
*	56 Chlorobenzene-d5	117	13.489	13.489	(1.000)	1203388	10.0000	
	57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	1308886	10.0000	10.15
	58 1,1,1,2-Tetrachloroethane	131	13.706	13.706	(1.016)	685312	10.0000	10.59
	59 Ethylbenzene (*)	106	13.785	13.785	(1.022)	646764	10.0000	10.15
	60 m,p-Xylenes	106	14.032	14.032	(1.040)	1609690	20.0000	20.52
M	61 Xylenes (total)	100				2339398	30.0000	30.62
	62 o-Xylene	106	14.781	14.781	(1.096)	729708	10.0000	10.09

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\CS2047.D
Date : 13-OCT-2000 18:30
Client ID:
Sample Info: 10PPB 8260BSTD,,3.0,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\C09781.D
Lab Smp Id: LCS-1013BC Client Smp ID: C09781
Inj Date : 13-OCT-2000 20:31
Operator : AD Inst ID: mc.i
Smp Info : LCS-1013BC,LCS,1,,0,1,0,8260BCL.M,C09781
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 22:41 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.508	3.496	(0.437)	403391	8.44708	8.45
$ 29 Dibromofluoromethane	111	6.898	6.886	(0.860)	886084	9.94760	9.95
$ 33 1,2-Dichloroethane-d4	65	7.440	7.428	(0.927)	411910	9.88613	9.89
34 1,2-Dichloroethane-d4 2nd	102	7.440	7.428	(0.927)	75678	10.3016	10.30
35 Benzene	78	7.539	7.527	(0.940)	1213188	9.15221	9.15
* 38 Fluorobenzene	96	8.022	8.020	(1.000)	1668547	10.0000	
39 Trichloroethene	130	8.662	8.650	(1.080)	736774	8.77396	8.77
$ 47 Toluene-d8	98	10.831	10.828	(0.803)	1286152	10.1158	10.12
48 Toluene (*)	91	10.939	10.937	(0.811)	1469606	9.00197	9.00
* 56 Chlorobenzene-d5	117	13.492	13.489	(1.000)	1170627	10.0000	
57 Chlorobenzene (**)	112	13.551	13.539	(1.004)	1121973	8.94071	8.94
$ 66 4-Bromofluorobenzene	95	15.808	15.796	(1.172)	902804	10.6701	10.67
67 4-Bromofluorobenzene-2nd	174	15.798	15.796	(1.171)	741295	10.3463	10.35
* 79 1,4-Dichlorobenzene-d4	152	18.124	18.112	(1.000)	708111	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09781.D
Lab Smp Id: LCS-1013BC
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 13-OCT-2000
Calibration Time: 18:30
Client Smp ID: C09781
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1668547	3.54
56 Chlorobenzene-d5	1203388	601694	2406776	1170627	-2.72
79 1,4-Dichlorobenze	758273	379137	1516546	708111	-6.62

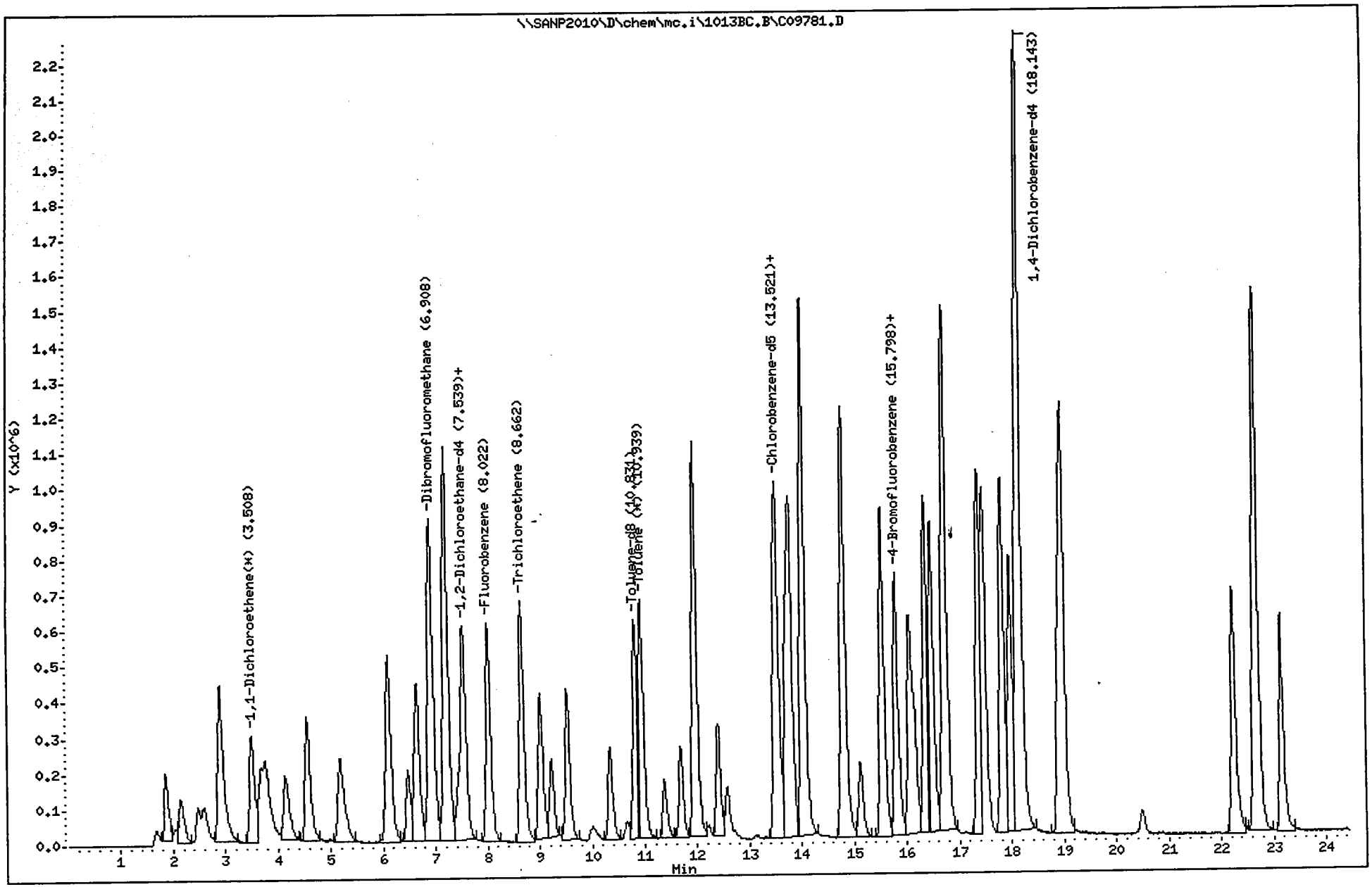
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.03
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.02
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.12	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09781.D
Date : 13-OCT-2000 20:31
Client ID: C09781
Sample Info: LCS-1013BC,LCS,1,,0,1,0,8260BCL.M,C09781
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i

Operator: AD
Column diameter: 0.53



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BOE-C6-0150768

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\C09782.D
Lab Smp Id: MB-1013BC Client Smp ID: C09781
Inj Date : 13-OCT-2000 21:02
Operator : AD Inst ID: mc.i
Smp Info : MB-1013BC,BLANK,1,,0,1,0,8260BCL.M,C09781
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 23:13 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
14 Acrylonitrile	53	7.457	7.428	(0.928)	39493	82.0580	82.06(Q)
$ 29 Dibromofluoromethane	111	6.915	6.886	(0.860)	877296	9.88854	9.89
$ 33 1,2-Dichloroethane-d4	65	7.447	7.428	(0.926)	396696	9.55925	9.56
34 1,2-Dichloroethane-d4 2nd	102	7.447	7.428	(0.926)	71371	9.75440	9.75
37 Tert-amyl methyl ether	73	8.029	7.803	(0.999)	29834	0.44518	0.445(a)
* 38 Fluorobenzene	96	8.039	8.020	(1.000)	1661865	10.0000	
$ 47 Toluene-d8	98	10.838	10.828	(0.803)	1298854	10.0248	10.02
* 56 Chlorobenzene-d5	117	13.499	13.489	(1.000)	1192925	10.0000	
$ 66 4-Bromofluorobenzene	95	15.805	15.796	(1.171)	876903	10.1702	10.17
67 4-Bromofluorobenzene-2nd	174	15.805	15.796	(1.171)	737168	10.0964	10.10
* 79 1,4-Dichlorobenzene-d4	152	18.131	18.112	(1.000)	706762	10.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\C09782.D
Lab Smp Id: MB-1013BC Client Smp ID: C09781
Inj Date : 13-OCT-2000 21:02
Operator : AD Inst ID: mc.i
Smp Info : MB-1013BC,BLANK,1,,0,1,0,8260BCL.M,C09781
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 23:13 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09782.D
Lab Smp Id: MB-1013BC
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1013BC.B\8260BCL.m
Misc Info: ,25,,,3,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30
Client Smp ID: C09781
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1661865	3.12
56 Chlorobenzene-d5	1203388	601694	2406776	1192925	-0.87
79 1,4-Dichlorobenze	758273	379137	1516546	706762	-6.79

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.04	0.24
56 Chlorobenzene-d5	13.49	12.99	13.99	13.50	0.07
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.13	0.11

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1013BC
Operator : AD
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa30355
Client Smp ID: C09781
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 0

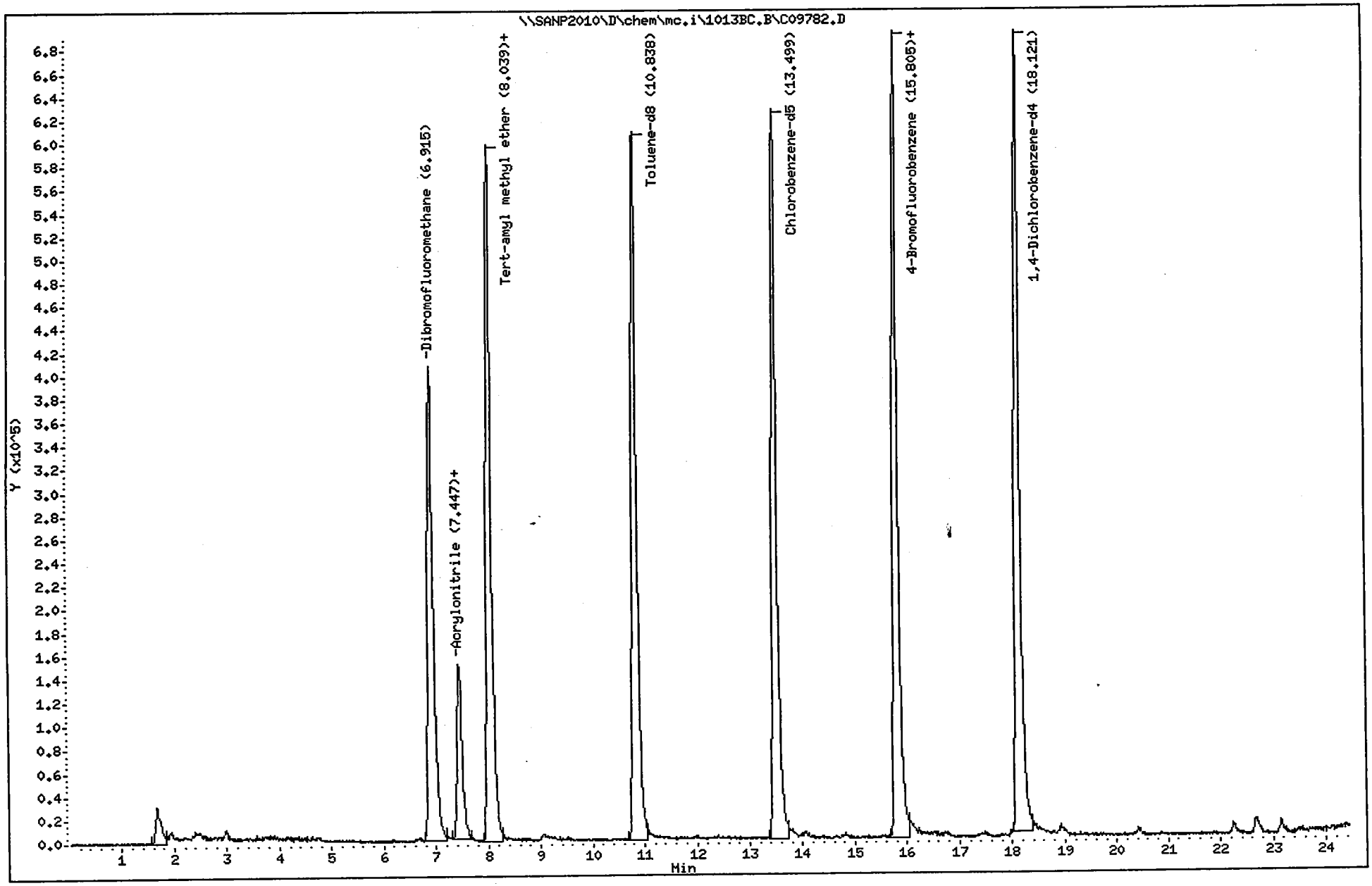
CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09782.D
Date : 13-OCT-2000 21:02
Client ID: C09781
Sample Info: MB-1013BC,BLANK,1,,0,1,0,8260BCL.M,C09781
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i

Operator: AD
Column diameter: 0.53



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BOE-C6-0150774

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09782.D

Date : 13-OCT-2000 21:02

Client ID: C09781

Instrument: mc.i

Sample Info: MB-1013BC,BLANK,1,,0,1,0,8260BCL.M,C09781

Purge Volume: 25.0

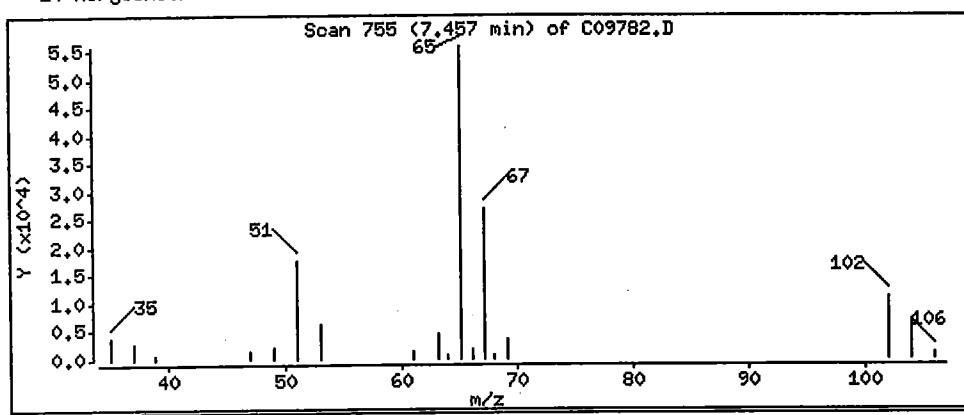
Operator: AD

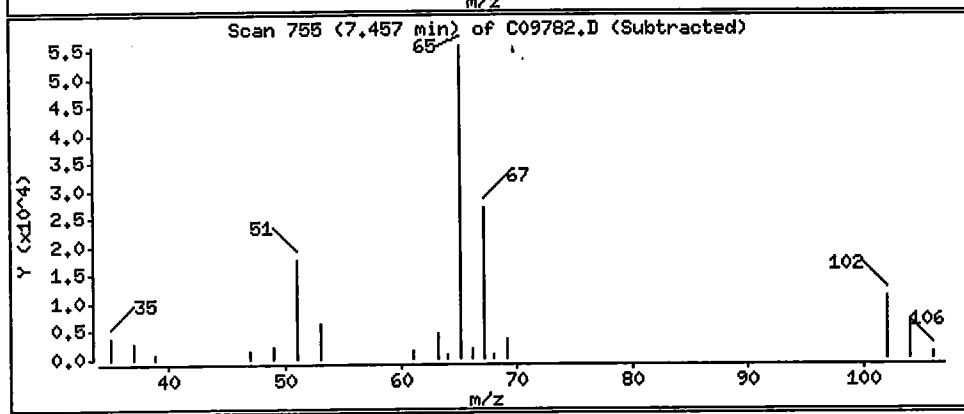
Column phase: J&W DB-624

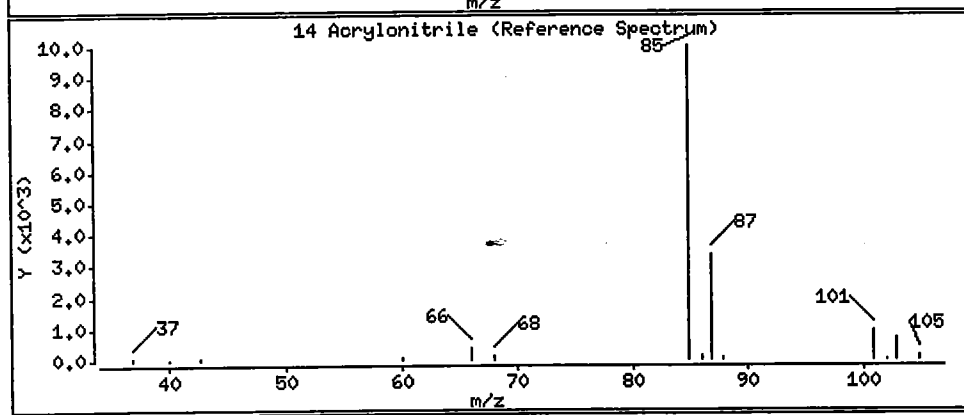
Column diameter: 0.53

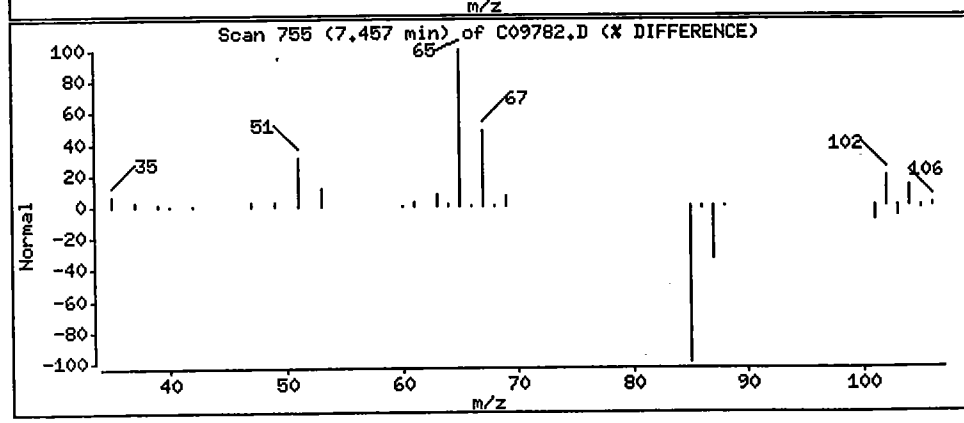
14 Acrylonitrile

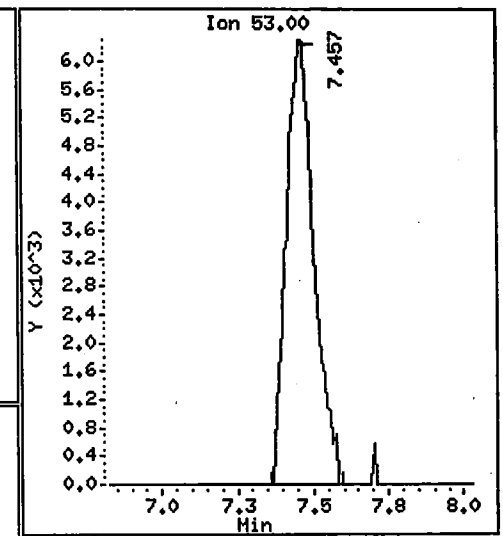
Concentration: 82.06 ug/L

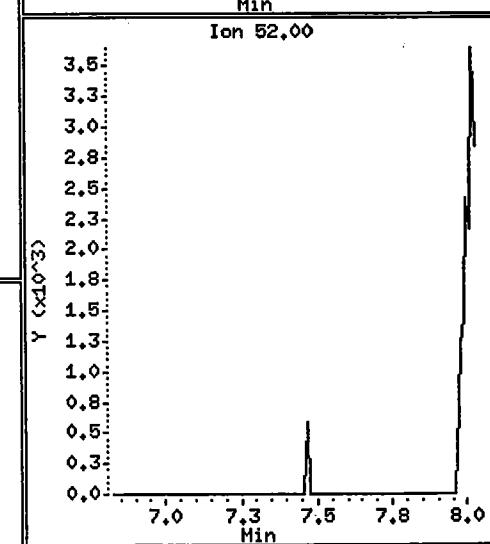


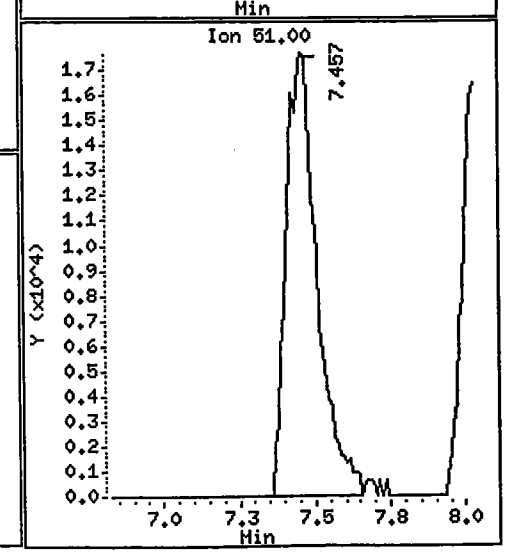












Data File: \\SANP2010\D\chem\mo.i\1013BC.B\C09782.D

Date : 13-OCT-2000 21:02

Client ID: C09781

Instrument: mo.i

Sample Info: MB-1013BC,BLANK,1,,0,1,0,8260BCL.M,C09781

Purge Volume: 25.0

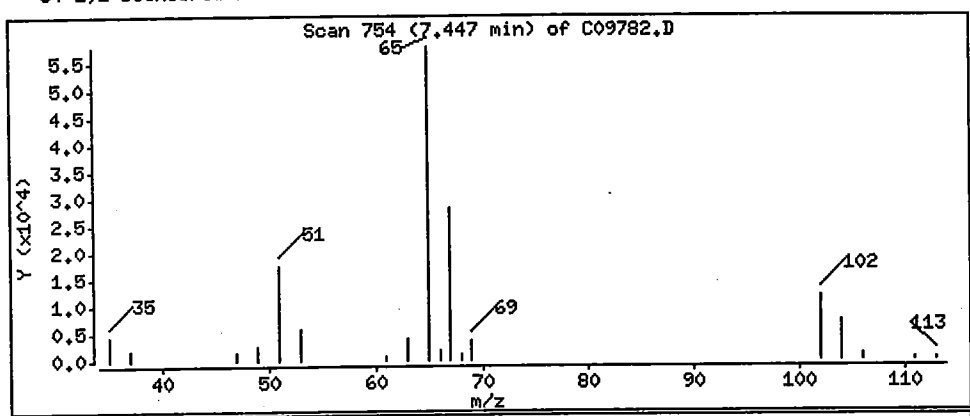
Operator: AD

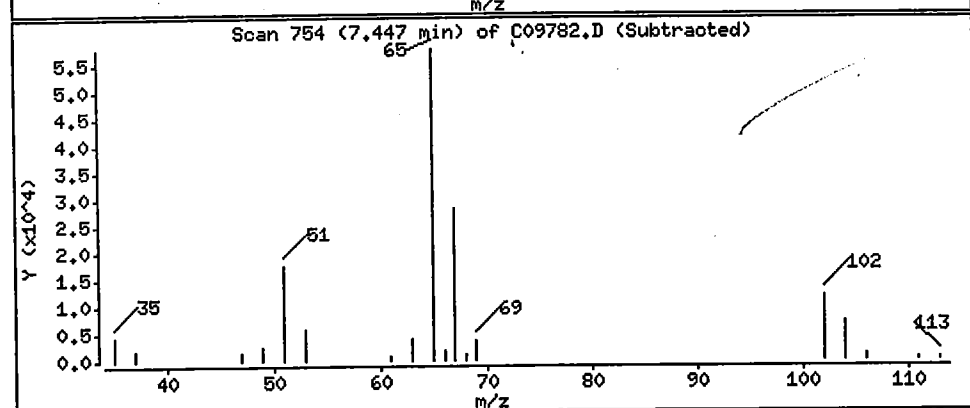
Column phase: J&W DB-624

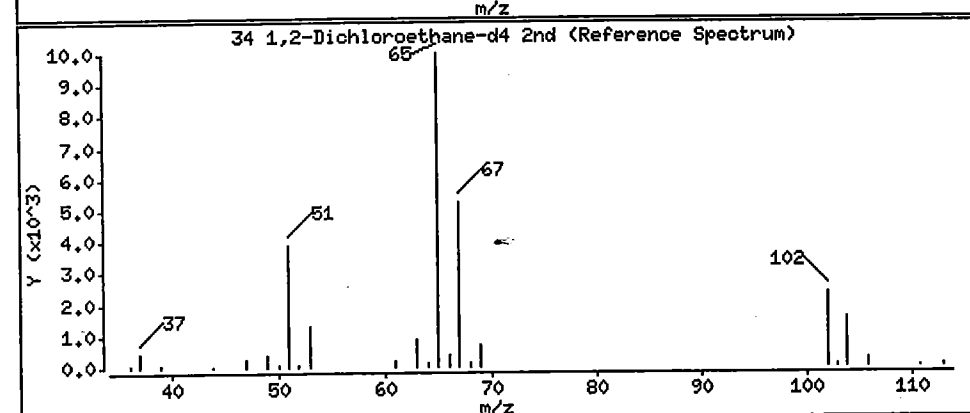
Column diameter: 0.53

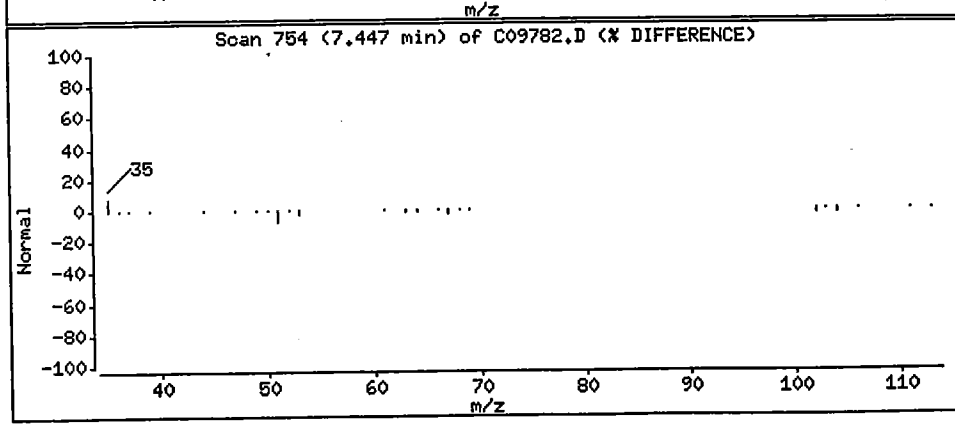
34 1,2-Dichloroethane-d4 2nd

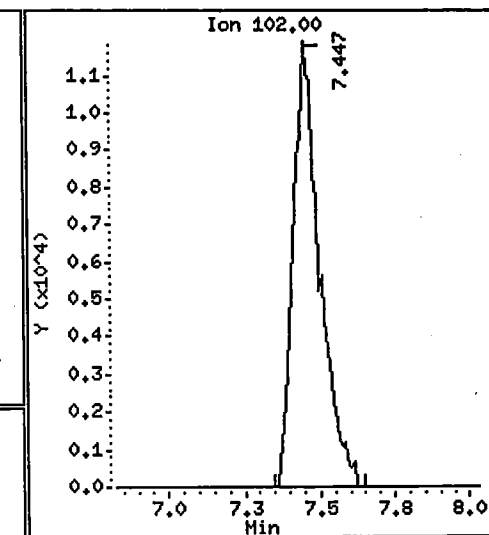
Concentration: 9.75 ug/L

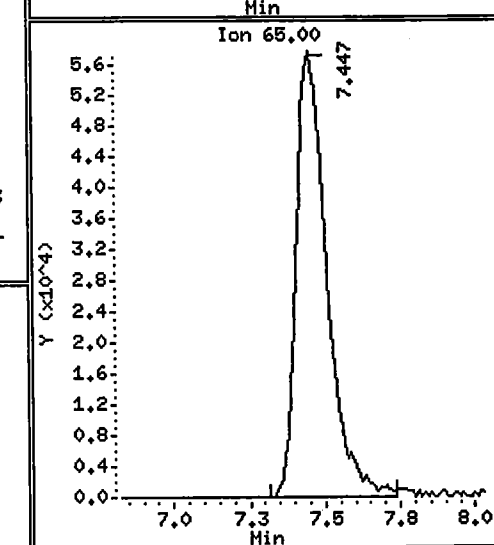












Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09782.D

Date : 13-OCT-2000 21:02

Client ID: C09781

Instrument: mc.i

Sample Info: MB-1013BC,BLANK,1,,0,1,0,8260BCL.M,C09781

Purge Volume: 25.0

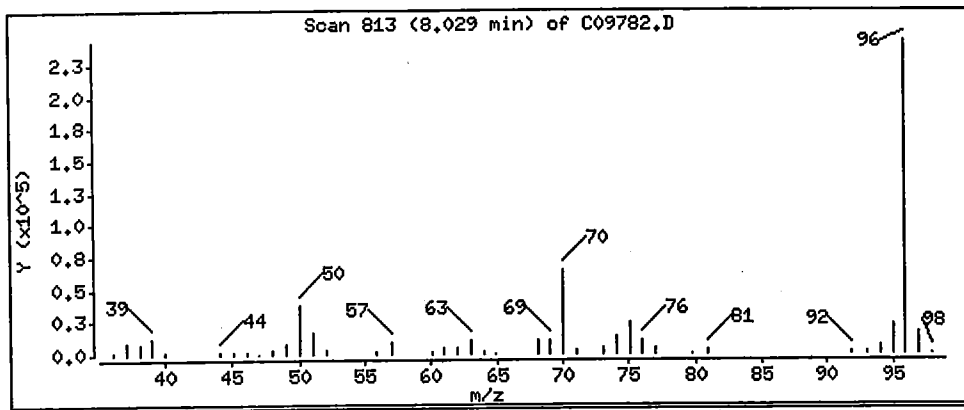
Operator: AD

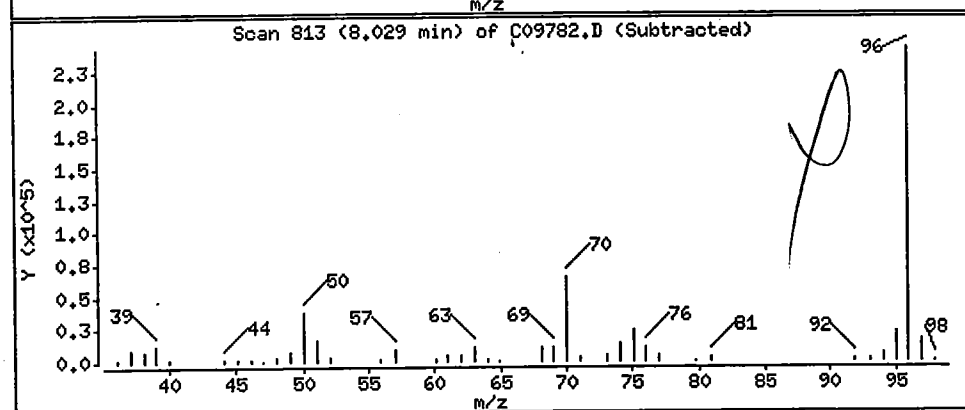
Column phase: J&W DB-624

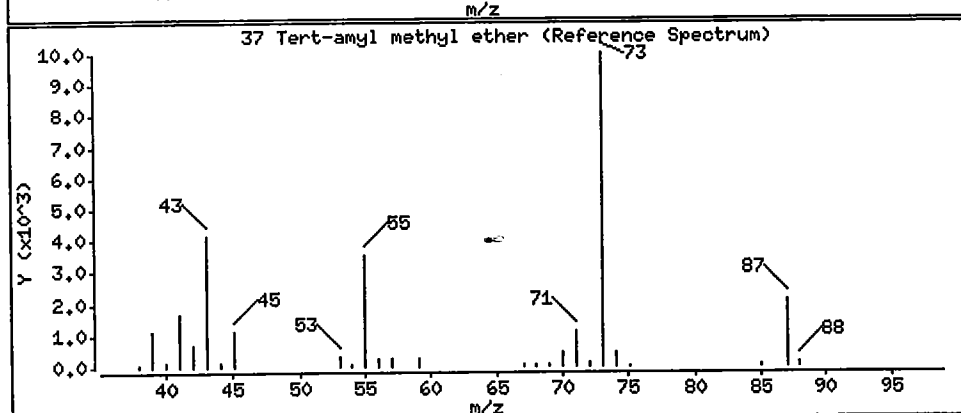
Column diameter: 0.53

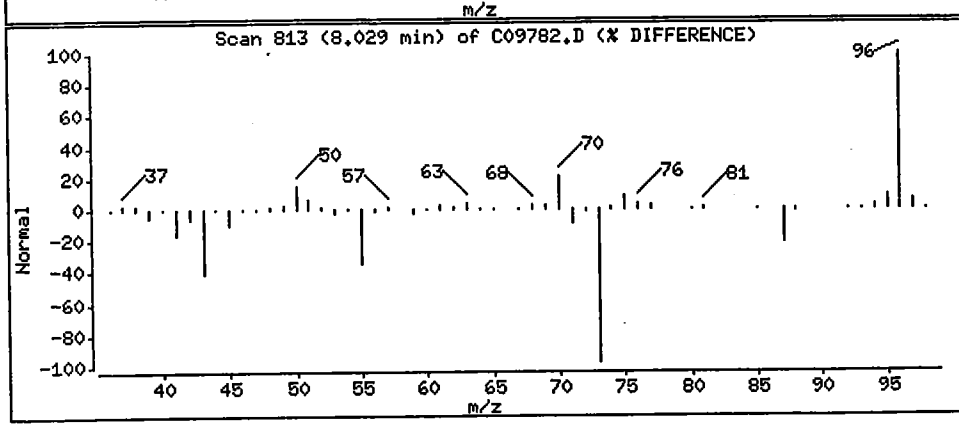
37 Tert-amyl methyl ether

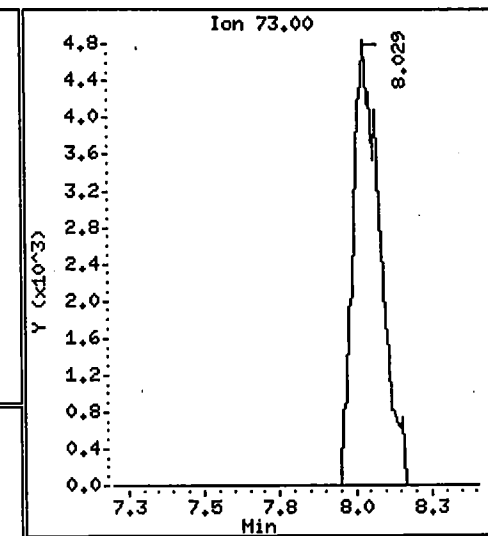
Concentration: 0.445 ug/L

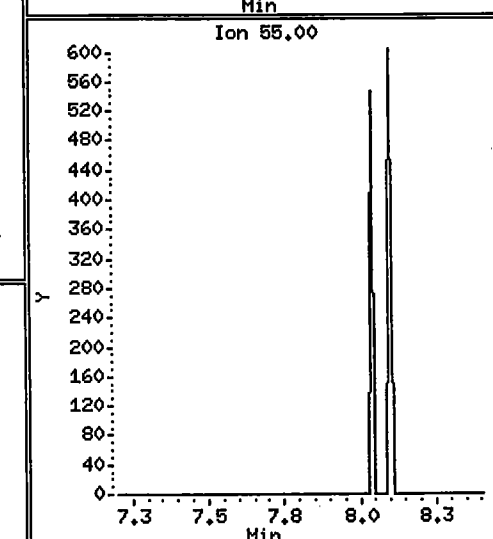


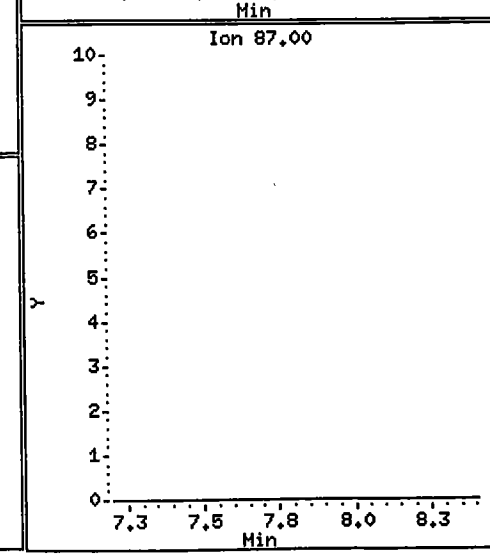












Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09782.D

Date : 13-OCT-2000 21:02

Client ID: C09781

Instrument: mc.i

Sample Info: MB-1013BC,BLANK,1,,0,1,0,8260BCL.M,C09781

Purge Volume: 25.0

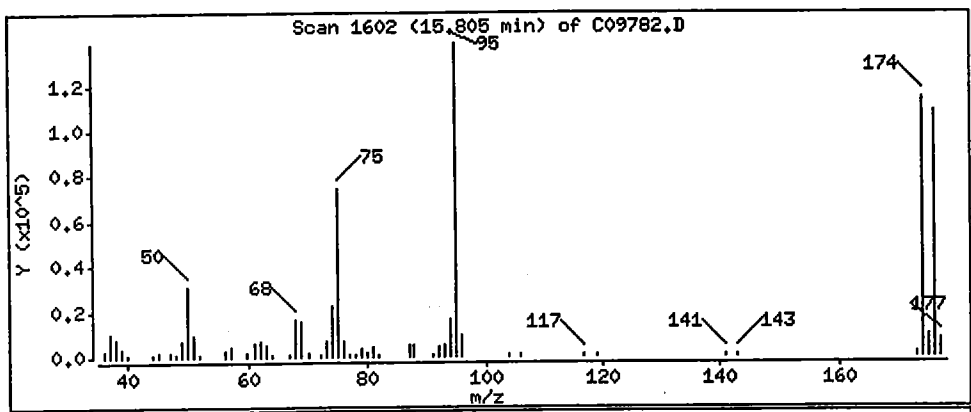
Operator: AD

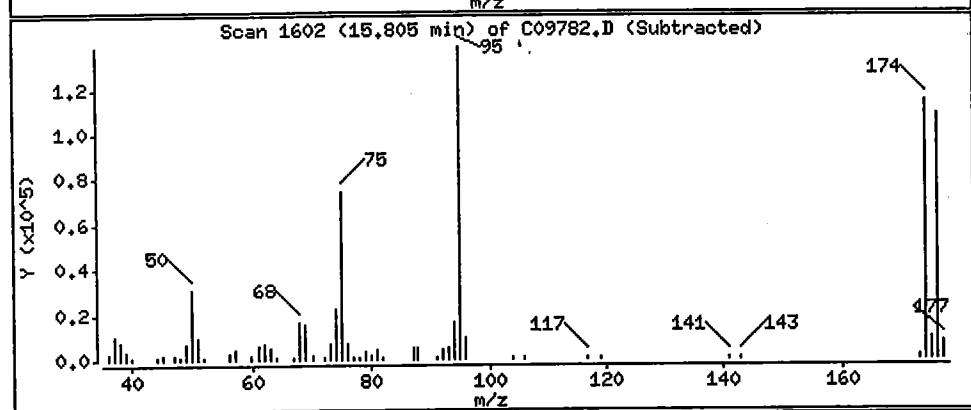
Column phase: J&W DB-624

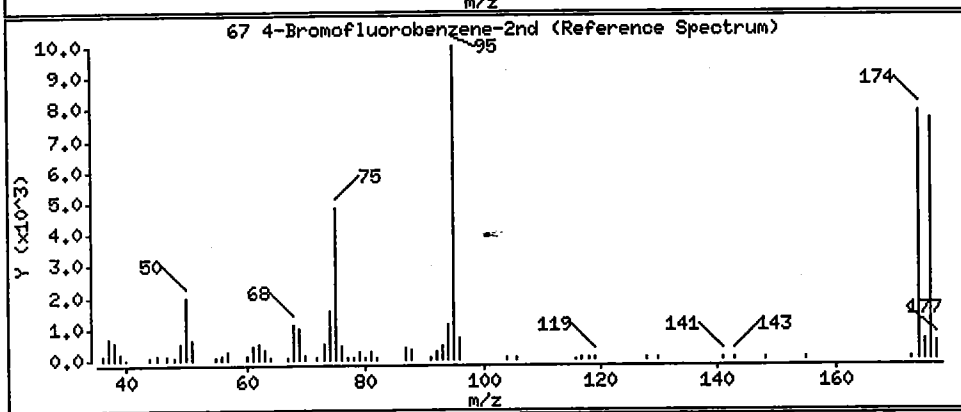
Column diameter: 0.53

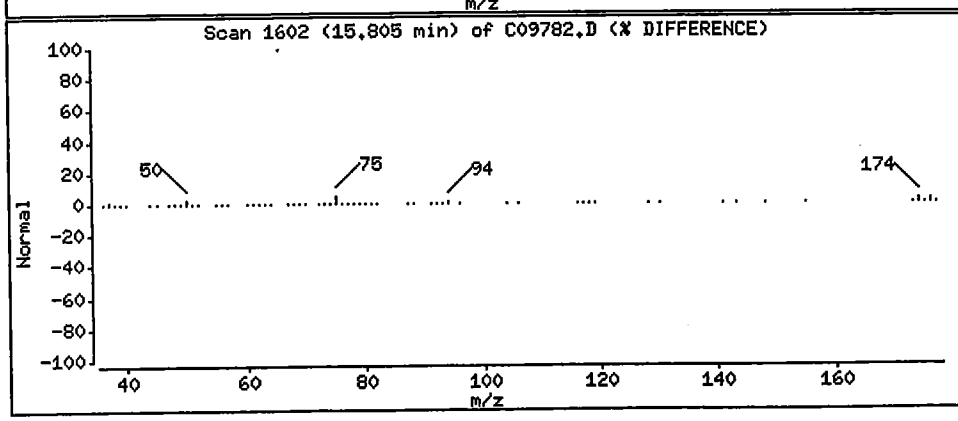
67 4-Bromofluorobenzene-2nd

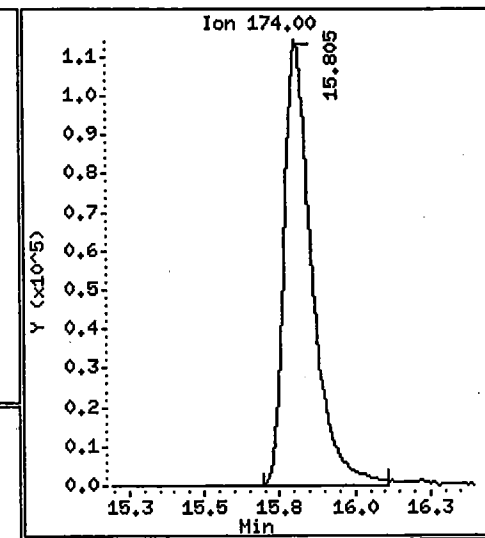
Concentration: 10.10 ug/L

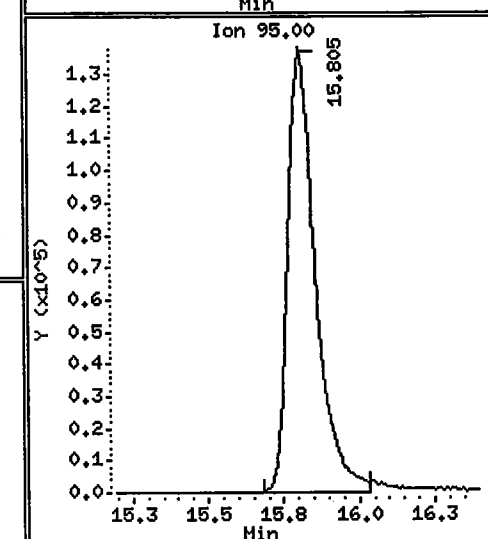


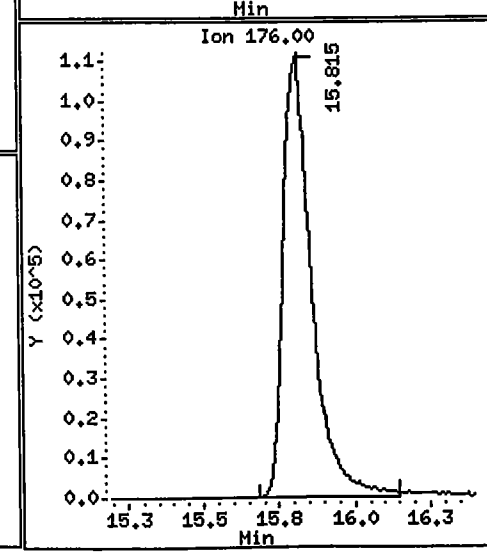












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1014AC.B\C09804.D
Lab Smp Id: LCS-1014AC
Client Smp ID: C09804
Inj Date : 14-OCT-2000 09:47
Operator : AD
Inst ID: mc.i
Smp Info : LCS-1014AC,LCS,1,,0,1,0,8260BCL.M,C09804
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Meth Date : 14-Oct-2000 09:32 DONGA
Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30
Cal File: CS2049.D
Als bottle: 2
QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.495	3.498	(0.436)	427732	9.26809	9.27
$ 29 Dibromofluoromethane	111	6.905	6.908	(0.861)	867133	10.0732	10.07
$ 33 1,2-Dichloroethane-d4	65	7.427	7.450	(0.926)	391565	9.72445	9.72
34 1,2-Dichloroethane-d4 2nd	102	7.427	7.450	(0.926)	75884	10.6887	10.69
35 Benzene	78	7.536	7.548	(0.940)	1163672	9.08377	9.08
* 38 Fluorobenzene	96	8.019	8.031	(1.000)	1612504	10.0000	
39 Trichloroethene	130	8.659	8.672	(1.080)	724131	8.92312	8.92
$ 47 Toluene-d8	98	10.828	10.830	(0.803)	1287762	10.1038	10.10
48 Toluene (*)	91	10.946	10.948	(0.811)	1482931	9.06145	9.06
* 56 Chlorobenzene-d5	117	13.489	13.491	(1.000)	1173487	10.0000	
57 Chlorobenzene (**)	112	13.538	13.550	(1.004)	1119116	8.89621	8.90
$ 66 4-Bromofluorobenzene	95	15.805	15.797	(1.172)	895527	10.5583	10.56
67 4-Bromofluorobenzene-2nd	174	15.815	15.807	(1.172)	755941	10.5250	10.52
* 79 1,4-Dichlorobenzene-d4	152	18.131	18.123	(1.000)	732722	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09804.D
Lab Smp Id: LCS-1014AC
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 14-OCT-2000
Calibration Time: 09:08
Client Smp ID: C09804
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1715078	857539	3430156	1612504	-5.98
56 Chlorobenzene-d5	1242425	621213	2484850	1173487	-5.55
79 1,4-Dichlorobenze	764494	382247	1528988	732722	-4.16

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.03	7.53	8.53	8.02	-0.15
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	-0.02
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.13	0.04

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

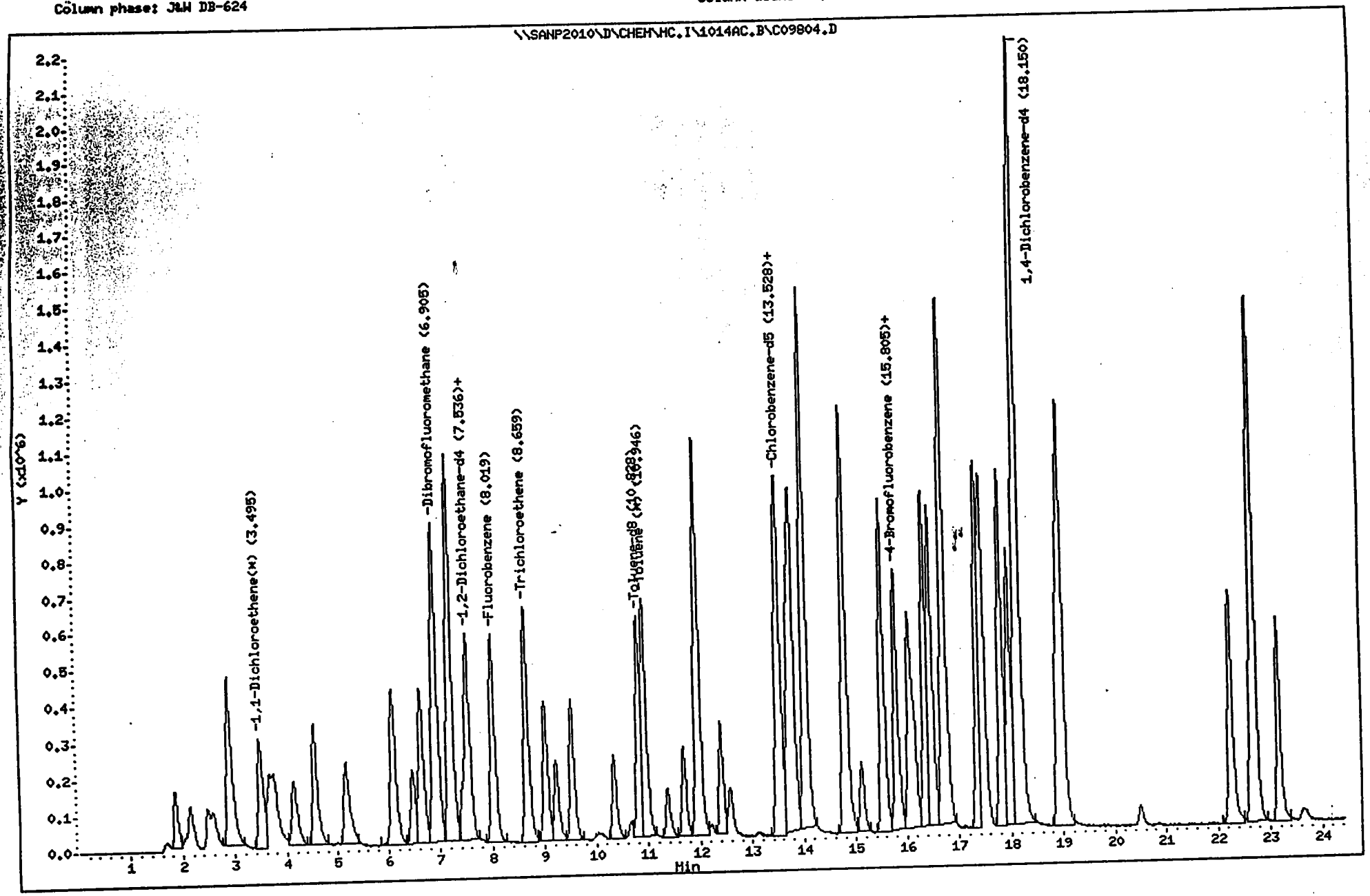
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\SANP2010\D\CHEM\HC.I\1014AC.B\C09804.D
Date: 14-OCT-2000 09:47
Client ID: C09804
Sample Info: LCS-1014AC,LCS,1,,0,1,0,8260BCL.M,C09804
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: no.1

Operator: AD
Column diameter: 0.53



000359

BOE-C6-0150782

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1014AC.B\C09805.D
Lab Smp Id: MB-1014AC
Client Smp ID: C09805
Inj Date : 14-OCT-2000 10:17
Operator : AD
Inst ID: mc.i
Smp Info : MB-1014AC,BLANK,1,,0,1,0,8260BCL.M,C09805
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Meth Date : 14-Oct-2000 10:30 donga
Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30
Cal File: CS2049.D
Als bottle: 3
QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
14 Acrylonitrile	53	7.438	7.430	(0.926)	38441	84.4547	84.45(Q)
$ 29 Dibromofluoromethane	111	6.906	6.908	(0.860)	842824	10.0452	10.04
$ 33 1,2-Dichloroethane-d4	65	7.438	7.450	(0.926)	382417	9.74400	9.74
34 1,2-Dichloroethane-d4 2nd	102	7.448	7.450	(0.928)	68376	9.88135	9.88
37 Tert-amyl methyl ether	73	8.019	7.814	(0.999)	27859	0.43956	0.440(a)
* 38 Fluorobenzene	96	8.029	8.031	(1.000)	1571670	10.0000	
$ 47 Toluene-d8	98	10.828	10.830	(0.803)	1246938	9.64504	9.64
* 56 Chlorobenzene-d5	117	13.489	13.491	(1.000)	1190332	10.0000	
$ 66 4-Bromofluorobenzene	95	15.805	15.797	(1.172)	886266	10.3012	10.30
67 4-Bromofluorobenzene-2nd	174	15.805	15.807	(1.172)	742087	10.1859	10.18
* 79 1,4-Dichlorobenzene-d4	152	18.131	18.123	(1.000)	709605	10.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09805.D
Lab Smp Id: MB-1014AC
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Misc Info: ,25,,,3,1-8260B.SUB

Calibration Date: 14-OCT-2000
Calibration Time: 09:08
Client Smp ID: C09805
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1715078	857539	3430156	1571670	-8.36
56 Chlorobenzene-d5	1233700	616850	2467400	1190332	-3.52
79 1,4-Dichlorobenze	765106	382553	1530212	709605	-7.25

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.03	7.53	8.53	8.03	-0.02
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	-0.01
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.13	0.04

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1014AC.B\C09805.D
Lab Smp Id: MB-1014AC
Client Smp ID: C09805
Inj Date : 14-OCT-2000 10:17
Operator : AD
Inst ID: mc.i
Smp Info : MB-1014AC,BLANK,1,,0,1,0,8260BCL.M,C09805
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Meth Date : 14-Oct-2000 10:30 donga
Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30
Cal File: CS2049.D
Als bottle: 3
QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1014AC
Operator : AD
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa02609
Client Smp ID: C09805
Sample Date:
Sample Point:
Date Received:
Level: LOW

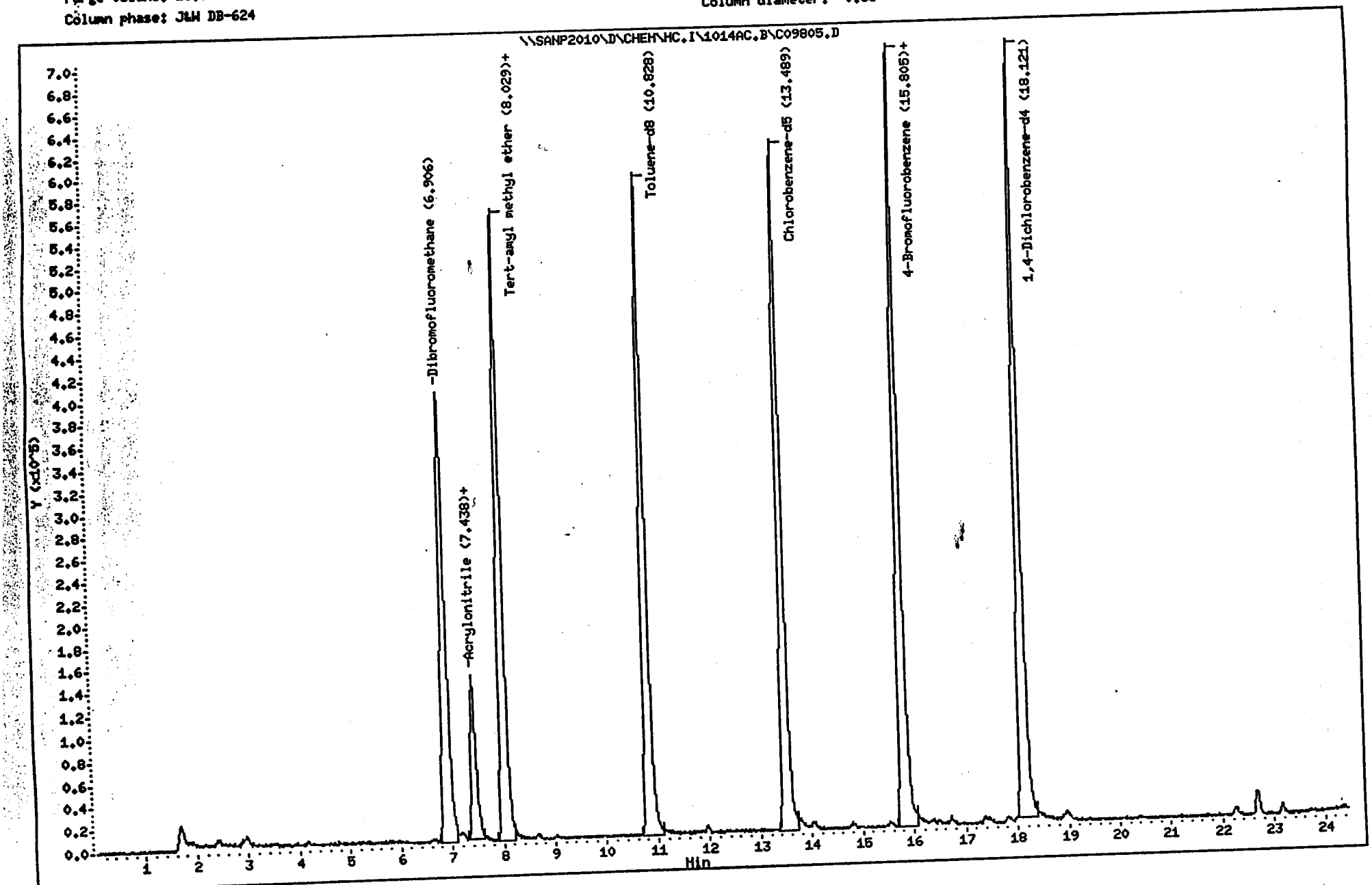
Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2010\D\CHEM\HC.I\1014AC.B\C09805.D
Date : 14-OCT-2000 10:17
Client ID: C09805
Sample Info: HB-1014AC,BLANK,1,,0,1,0,8260BCL.H,C09805
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i
Operator: AD
Column diameter: 0.53



000365

BOE-C6-0150788

Data File: \\SANP2010\D\CHEM\MC.I\1014AC.B\C09805.D

Date : 14-OCT-2000 10:17

Client ID: C09805

Sample Info: MB-1014AC,BLANK,1,,0,1,0,8260BCL,H,C09805

Purge Volume: 25.0

Column phase: J&W DB-624

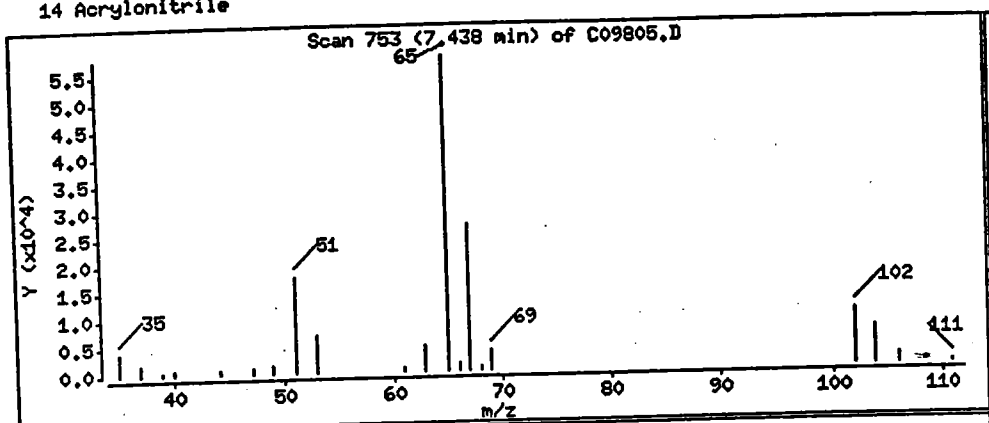
Instrument: mc.i

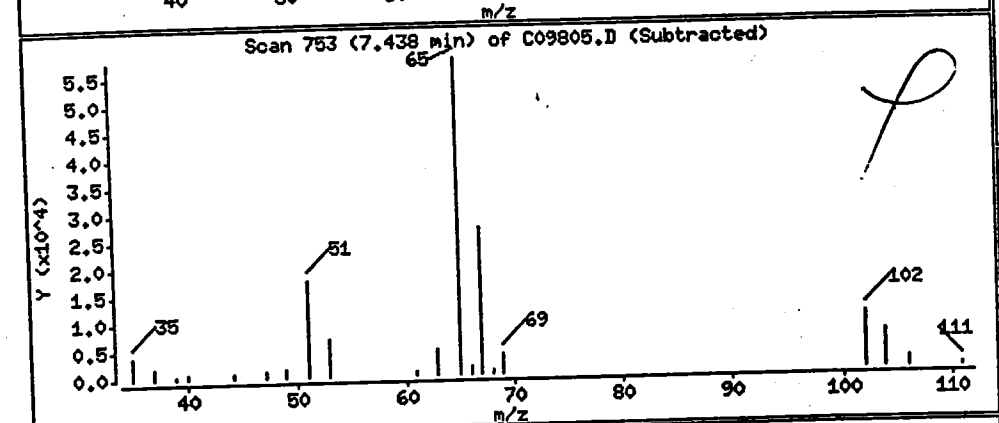
Operator: AD

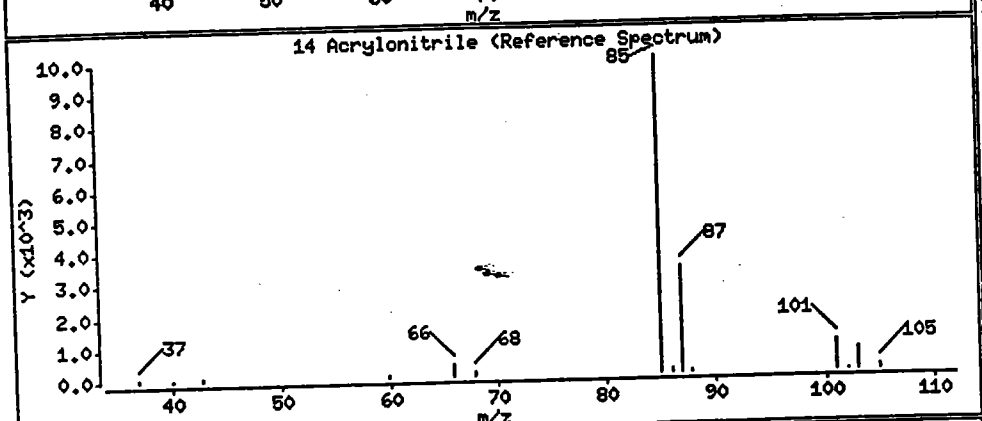
Column diameter: 0.53

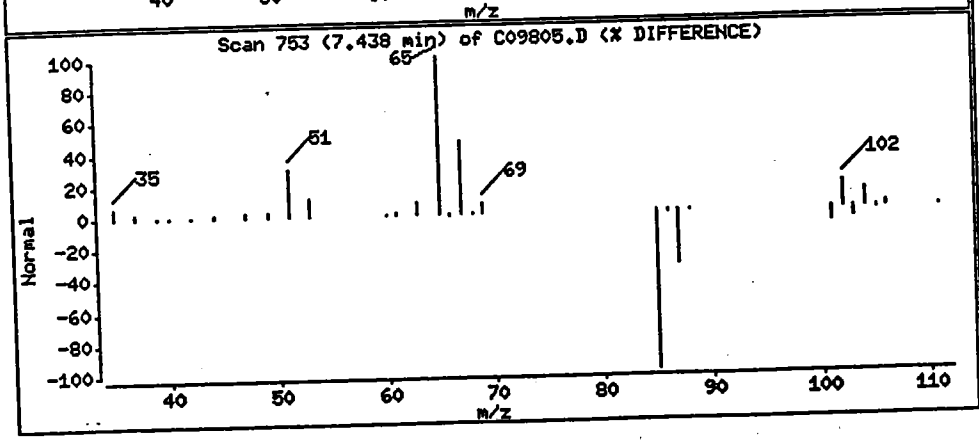
Concentration: 84.45 ug/L

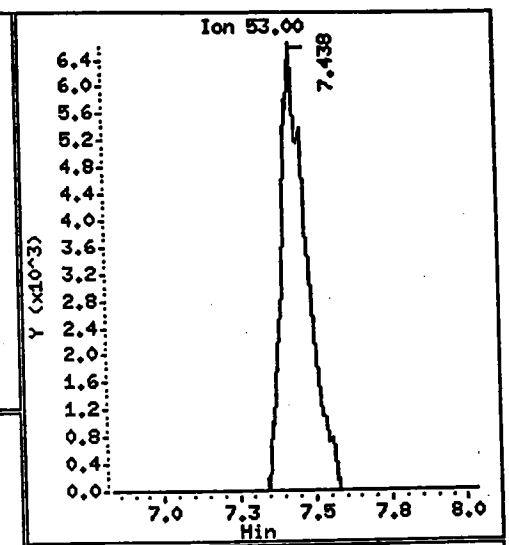
14 Acrylonitrile

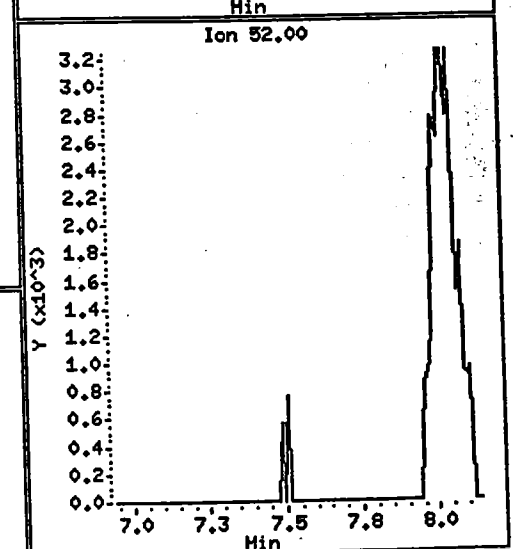


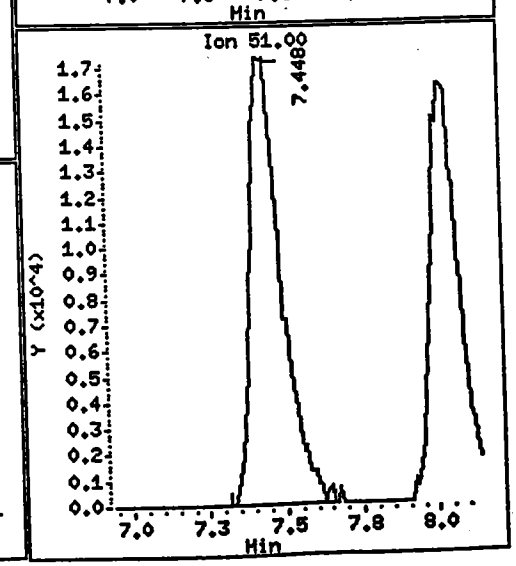












Data File: \\SANP2010\D\CHEM\HC.I\1014AC.B\C09805.D

Date : 14-OCT-2000 10:17

Client ID: C09805

Instrument: mc.i

Sample Info: MB-1014AC,BLANK,1,,0,1,0,8260BCL,H,C09805

Operator: AD

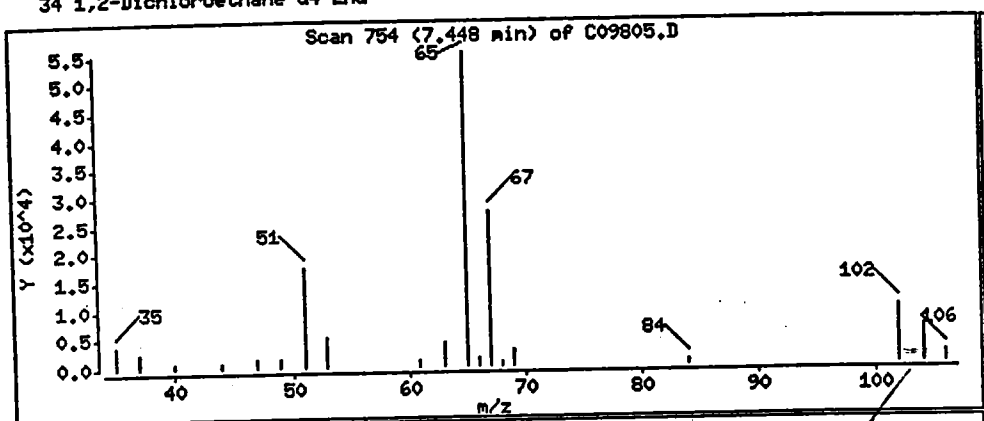
Purge Volume: 25.0

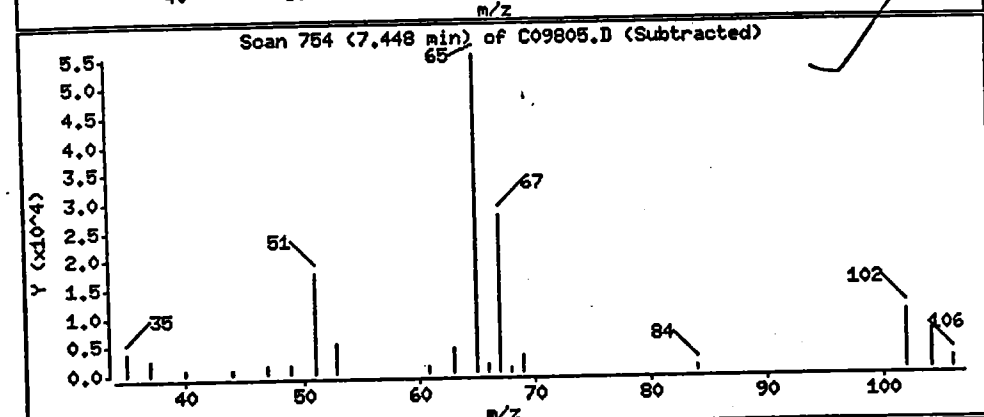
Column phase: J&W DB-624

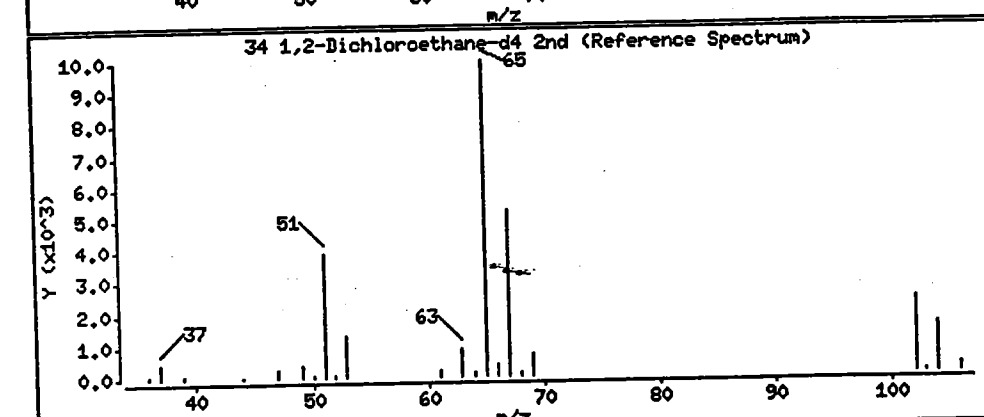
Column diameter: 0.53

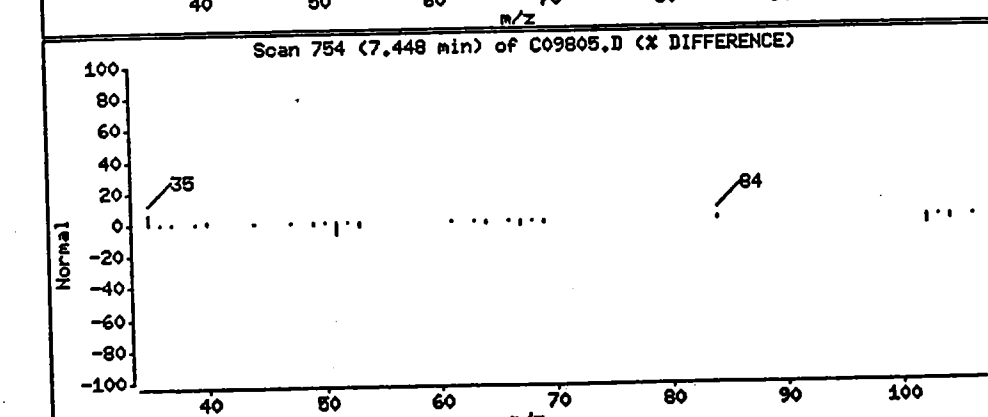
34 1,2-Dichloroethane-d4 2nd

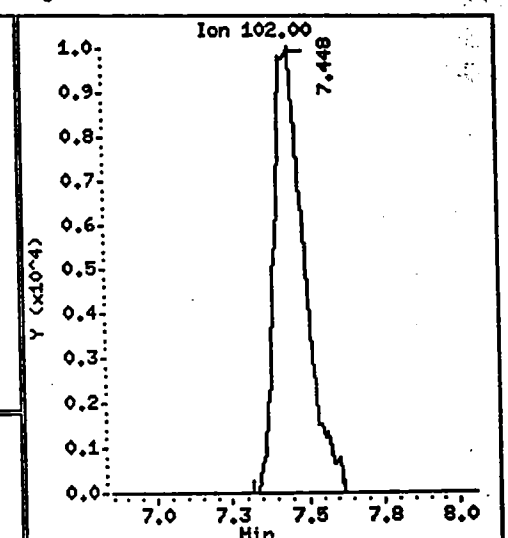
Concentration: 9.88 ug/L

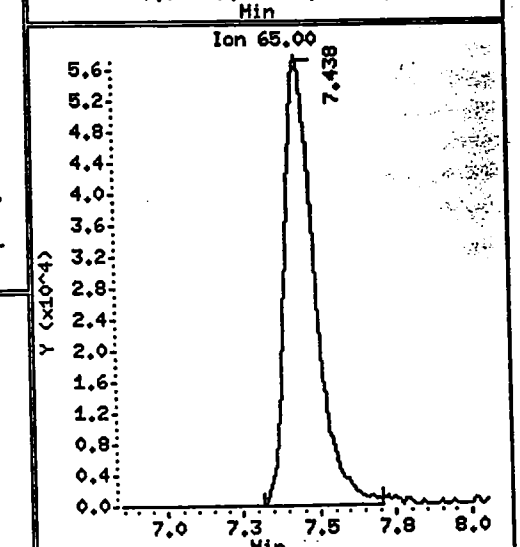












Data File: \\SANP2010\D\CHEM\MC.I\1014AC.B\C09805.D

Date : 14-OCT-2000 10:17

Client ID: C09805

Sample Info: MB-1014AC,BLANK,1,,0,1,0,8260BCL,M,C09805

Purge Volume: 25.0

Column phase: J&W DB-624

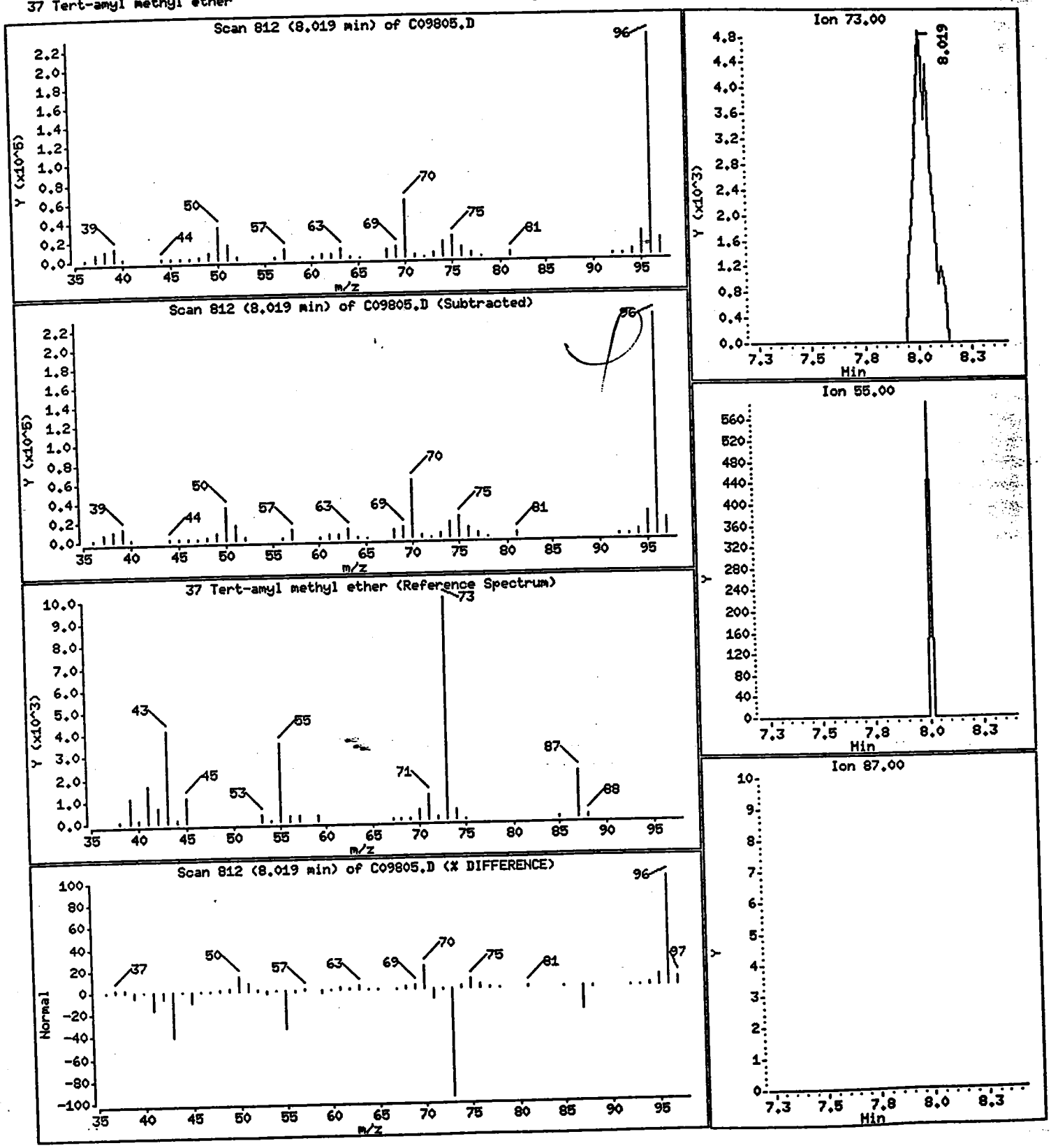
Instrument: mo.i

Operator: AD

Column diameter: 0.53

Concentration: 0.440 ug/L

37 Tert-amyl methyl ether



Data File: \\SANP2010\D\CHEM\HC.I\1014AC.B\C09805.D

Date : 14-OCT-2000 10:17

Client ID: C09805

Instrument: mc.i

Sample Info: MB-1014AC,BLANK,1,,0,1,0,8260BCL.M,C09805

Purge Volume: 25.0

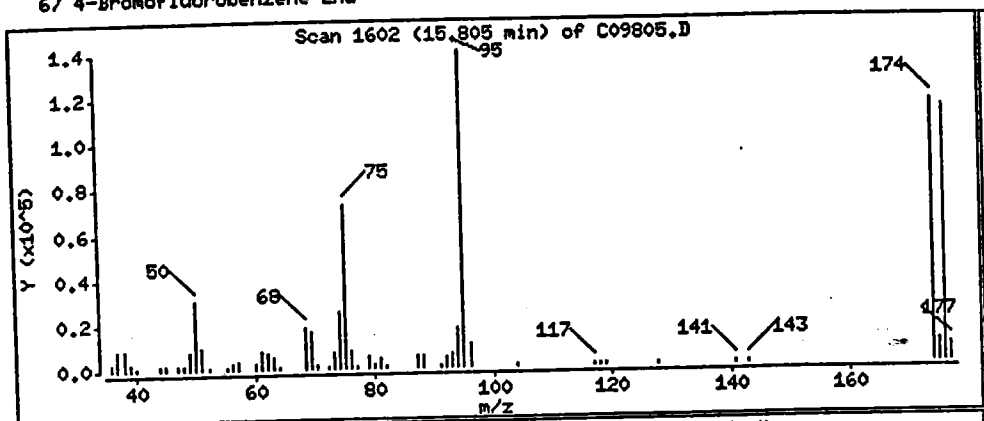
Operator: AD

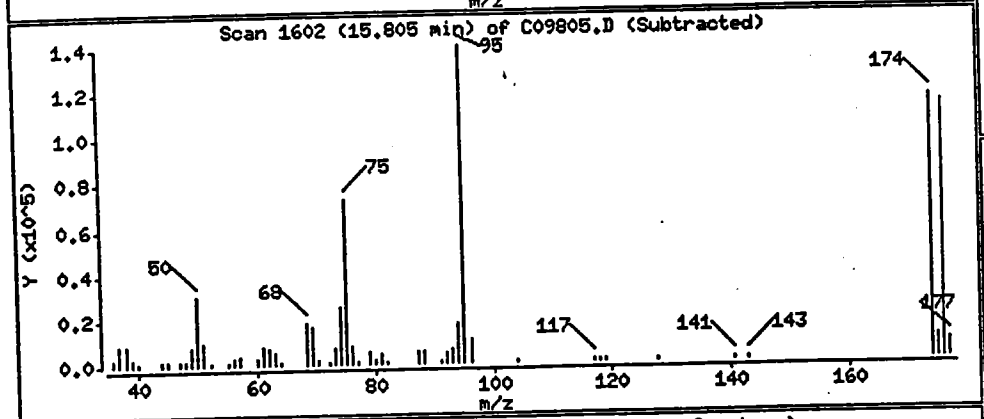
Column phase: J&W DB-624

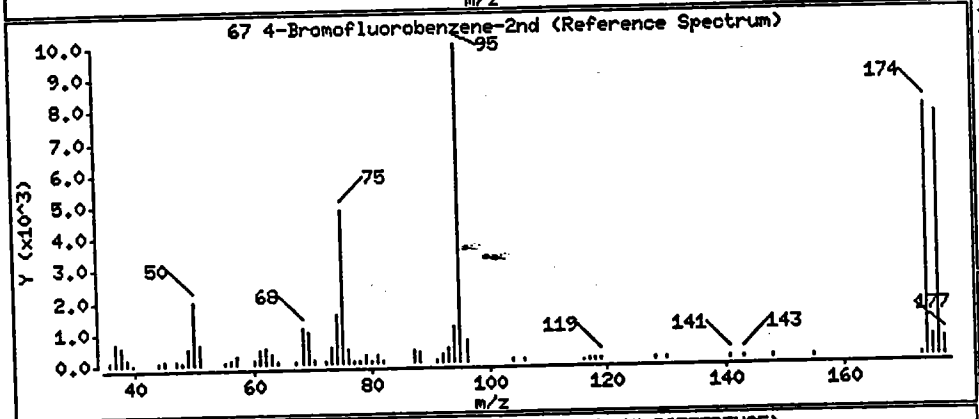
Column diameter: 0.53

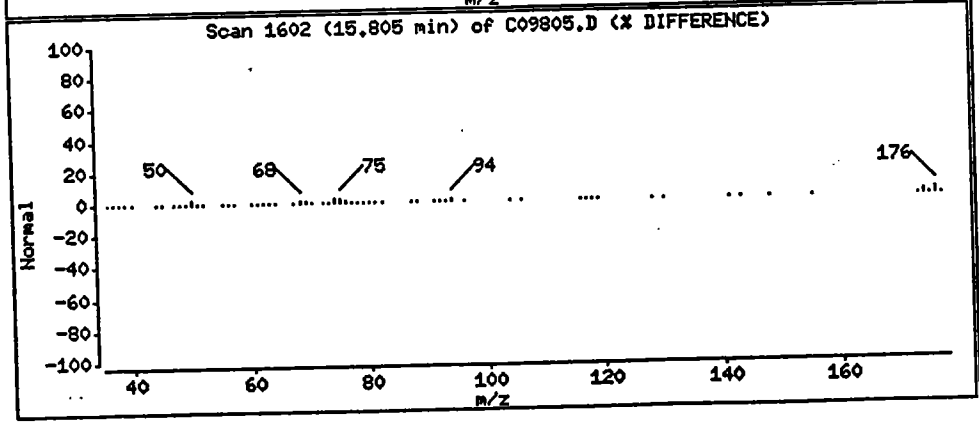
67 4-Bromofluorobenzene-2nd

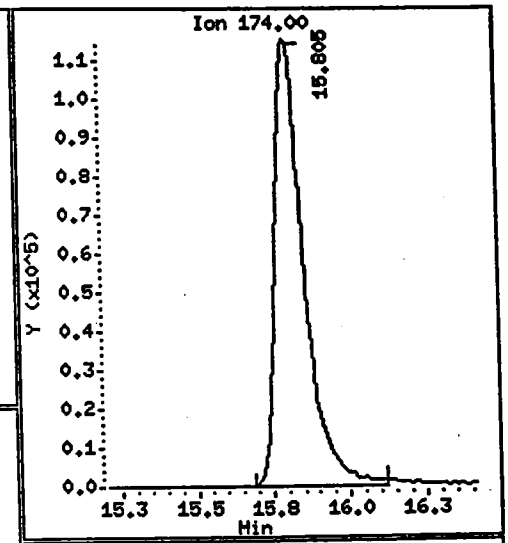
Concentration: 10.18 ug/L

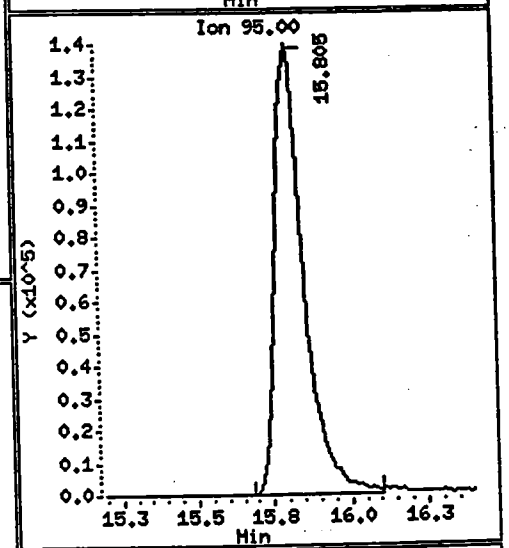


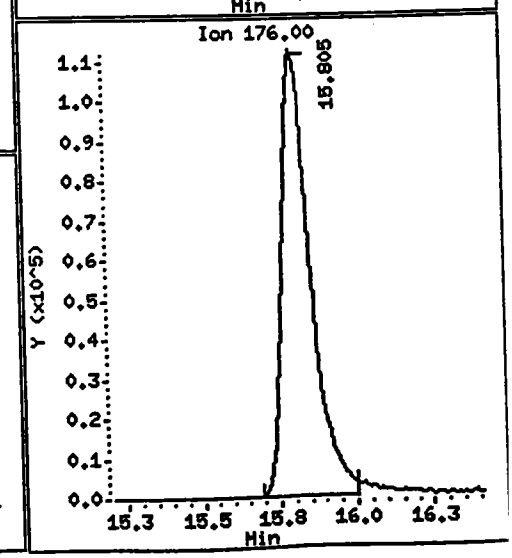












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1014AC.B\C09822.D
Lab Smp Id: DM3JT1AS Client Smp ID: C09822
Inj Date : 14-OCT-2000 18:49
Operator : AD Inst ID: mc.i
Smp Info : DM3JT1AS,MS,1,,0,1,0,8260BCL.M,C09822
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Meth Date : 14-Oct-2000 10:44 DONGA Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 15 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.492	3.498	(0.435)	346032	9.36083	9.36
$ 29 Dibromofluoromethane	111	6.912	6.908	(0.860)	689463	9.99932	10.0
$ 33 1,2-Dichloroethane-d4	65	7.444	7.450	(0.926)	328644	10.1898	10.19
34 1,2-Dichloroethane-d4 2nd	102	7.454	7.450	(0.928)	56574	9.94870	9.95
35 Benzene	78	7.543	7.548	(0.939)	967565	9.42963	9.43
* 38 Fluorobenzene	96	8.035	8.031	(1.000)	1291582	10.0000	
39 Trichloroethene	130	8.676	8.672	(1.080)	599367	9.22084	9.22
$ 47 Toluene-d8	98	10.834	10.830	(0.803)	1025009	9.71326	9.71
48 Toluene (*)	91	10.943	10.948	(0.811)	1221843	9.01738	9.02
* 56 Chlorobenzene-d5	117	13.496	13.491	(1.000)	971606	10.0000	
57 Chlorobenzene (**)	112	13.545	13.550	(1.004)	942803	9.05188	9.05
$ 66 4-Bromofluorobenzene	95	15.802	15.797	(1.171)	813184	11.5795	11.58
67 4-Bromofluorobenzene-2nd	174	15.812	15.807	(1.172)	666385	11.2060	11.20
* 79 1,4-Dichlorobenzene-d4	152	18.128	18.123	(1.000)	623497	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09822.D
Lab Smp Id: DM3JT1AS
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 14-OCT-2000
Calibration Time: 09:08
Client Smp ID: C09822
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1715078	857539	3430156	1291582	-24.69
56 Chlorobenzene-d5	1233700	616850	2467400	971606	-21.24
79 1,4-Dichlorobenze	765106	382553	1530212	623497	-18.51

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.03	7.53	8.53	8.04	0.05
56 Chlorobenzene-d5	13.49	12.99	13.99	13.50	0.03
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.13	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

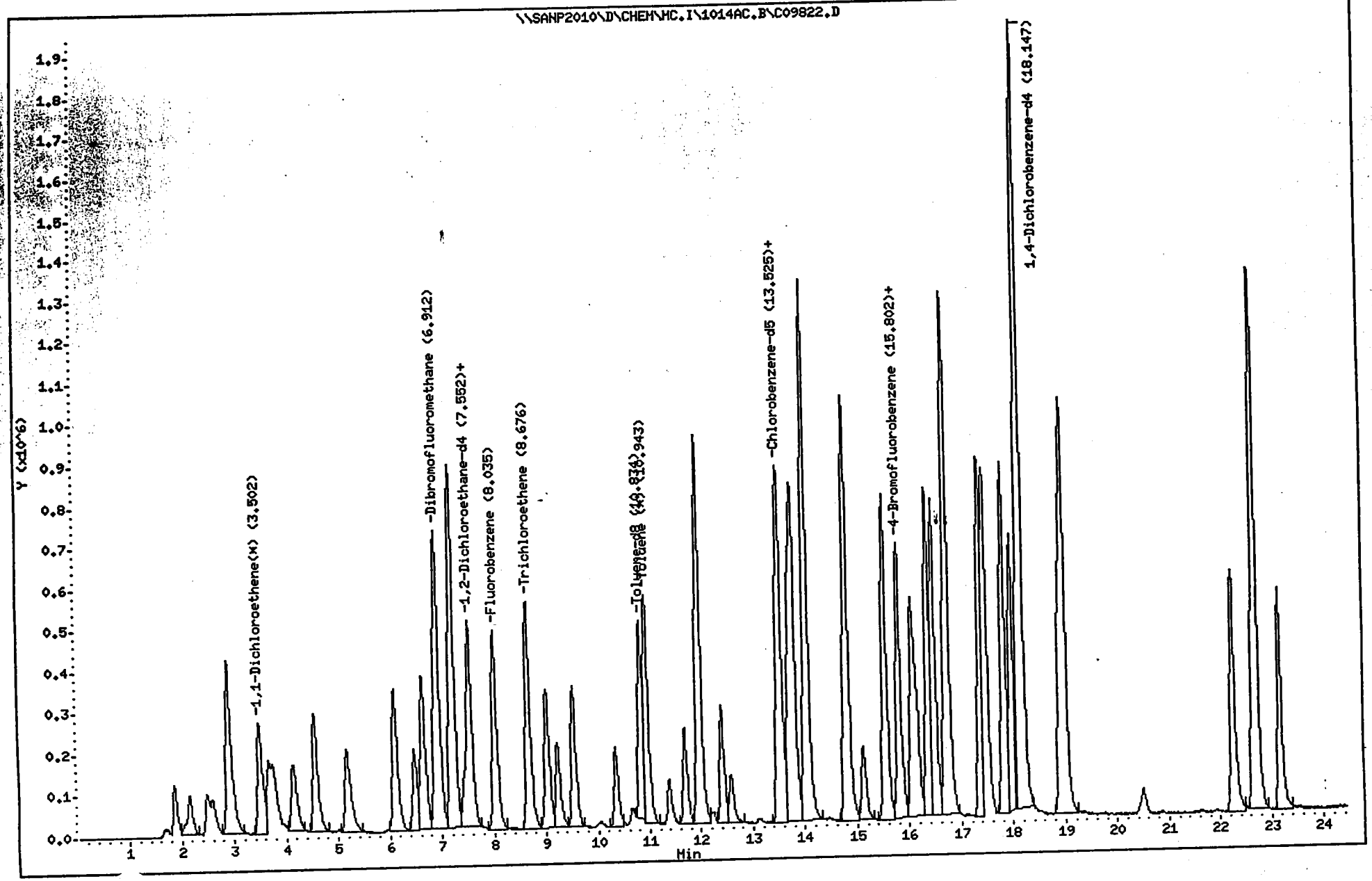
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\SANP2010\D\CHEM\MC.I\1014AC.B\C09822.D
Date : 14-OCT-2000 18:49
Client ID: C09822
Sample Info: DM3JT1AS,MS,1,,0,1,0,8260BCL.H,C09822
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i

Operator: AD
Column diameter: 0.53



000373

BOE-C6-0150796

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1014AC.B\C09823.D
Lab Smp Id: DM3JT1AP
Client Smp ID: C09823
Inj Date : 14-OCT-2000 19:19
Operator : AD
Inst ID: mc.i
Smp Info : DM3JT1AP,MSD,1,,0,1,0,8260BCL.M,C09823
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Meth Date : 14-Oct-2000 10:44 DONGA
Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30
Cal File: CS2049.D
Als bottle: 16
QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.491	3.498	(0.435)	396855	9.38513	9.38
$ 29 Dibromofluoromethane	111	6.911	6.908	(0.861)	769128	9.75145	9.75
$ 33 1,2-Dichloroethane-d4	65	7.453	7.450	(0.929)	370133	10.0325	10.03
34 1,2-Dichloroethane-d4 2nd	102	7.453	7.450	(0.929)	60227	9.25886	9.26(Q)
35 Benzene	78	7.551	7.548	(0.941)	1073194	9.14331	9.14
* 38 Fluorobenzene	96	8.024	8.031	(1.000)	1477444	10.0000	
39 Trichloroethene	130	8.675	8.672	(1.081)	661174	8.89212	8.89
$ 47 Toluene-d8	98	10.833	10.830	(0.803)	1151645	9.68230	9.68
48 Toluene (*)	91	10.951	10.948	(0.812)	1364916	8.93704	8.94
* 56 Chlorobenzene-d5	117	13.494	13.491	(1.000)	1095134	10.0000	
57 Chlorobenzene (**)	112	13.544	13.550	(1.004)	1055297	8.98908	8.99
$ 66 4-Bromofluorobenzene	95	15.810	15.797	(1.172)	910138	11.4983	11.50
67 4-Bromofluorobenzene-2nd	174	15.810	15.807	(1.172)	755560	11.2724	11.27
* 79 1,4-Dichlorobenzene-d4	152	18.126	18.123	(1.000)	690757	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09823.D
Lab Smp Id: DM3JT1AP
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1014AC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 14-OCT-2000
Calibration Time: 09:08
Client Smp ID: C09823
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1715078	857539	3430156	1477444	-13.86
56 Chlorobenzene-d5	1233700	616850	2467400	1095134	-11.23
79 1,4-Dichlorobenze	765106	382553	1530212	690757	-9.72

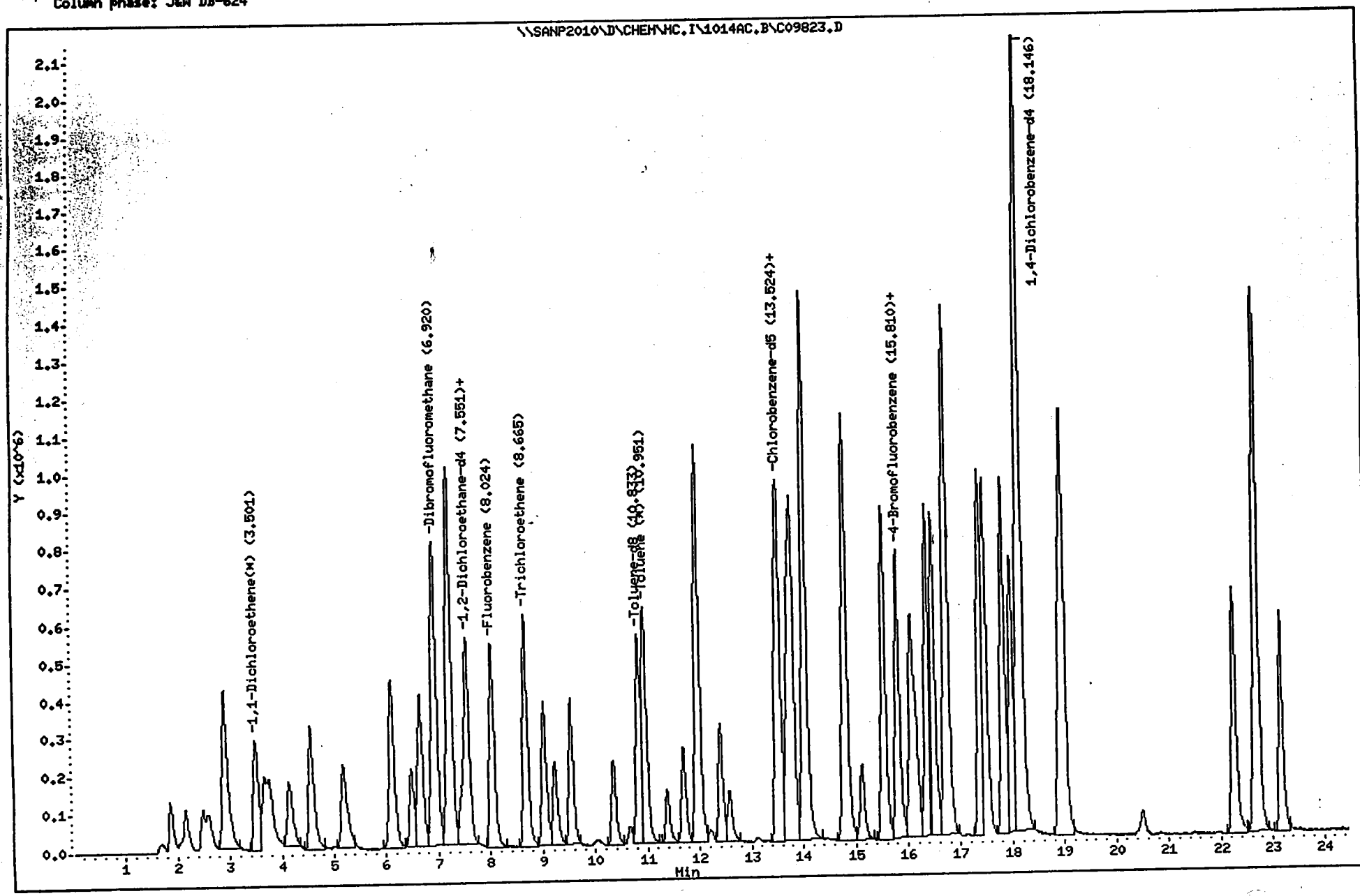
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.03	7.53	8.53	8.02	-0.09
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.02
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.13	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\SANP2010\D\CHEM\HC.I\1014AC.B\C09823.D
Date : 14-OCT-2000 19:19
Client ID: C09823
Sample Info: DM3JT1AP,HSD,1,,0,1,0,8260BCL.M,C09823
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i

Operator: AD
Column diameter: 0.53



000376

BOE-C6-0150799

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\C09787.D
Lab Smp Id: DLTDK101 Client Smp ID: C09787
Inj Date : 13-OCT-2000 23:40
Operator : AD Inst ID: mc.i
Smp Info : DLTDK101,,1,,0,1,0,8260BCL.M,C09787
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 23:13 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
11 Acetone	43	3.559	3.545	(0.444)	22259	7.49403	7.49(a)
14 Acrylonitrile	53	7.442	7.428	(0.928)	36186	88.0870	88.09(Q)
18 Methyl-tert-butyl ether[MTBE]	73	4.593	4.590	(0.573)	66736	1.64256	1.64
$ 29 Dibromofluoromethane	111	6.900	6.886	(0.860)	750756	9.91431	9.91
$ 33 1,2-Dichloroethane-d4	65	7.442	7.428	(0.928)	345255	9.74730	9.75
34 1,2-Dichloroethane-d4 2nd	102	7.432	7.428	(0.926)	61230	9.80435	9.80
37 Tert-amyl methyl ether	73	8.033	7.803	(1.001)	25791	0.45088	0.451(a)
* 38 Fluorobenzene	96	8.023	8.020	(1.000)	1418462	10.0000	
$ 47 Toluene-d8	98	10.822	10.828	(0.802)	1149001	9.91328	9.91
* 56 Chlorobenzene-d5	117	13.493	13.489	(1.000)	1067163	10.0000	
$ 66 4-Bromofluorobenzene	95	15.800	15.796	(1.171)	795005	10.3070	10.31
67 4-Bromofluorobenzene-2nd	174	15.809	15.796	(1.172)	654379	10.0187	10.02
* 79 1,4-Dichlorobenzene-d4	152	18.125	18.112	(1.000)	653881	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09787.D
Lab Smp Id: DLTDK101
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1013BC.B\8260BCL.m
Misc Info: ,25,,,0,1-8260B.SUB

Calibration Date: 13-OCT-2000
Calibration Time: 18:30
Client Smp ID: C09787
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1611523	805762	3223046	1418462	-11.98
56 Chlorobenzene-d5	1203388	601694	2406776	1067163	-11.32
79 1,4-Dichlorobenze	758273	379137	1516546	653881	-13.77

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.05
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.03
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.13	0.08

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

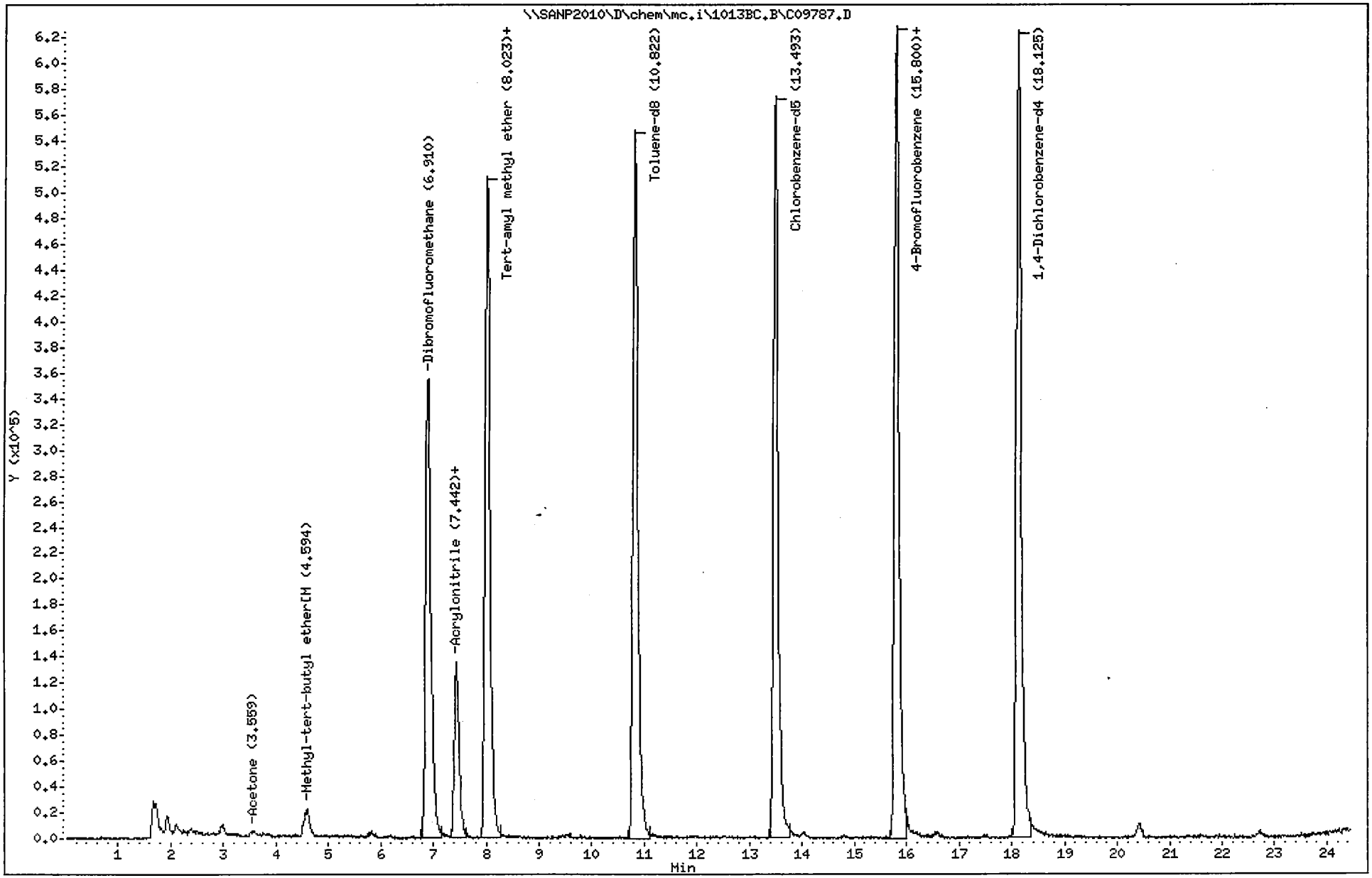
VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1013BC.B\C09787.D
Lab Smp Id: DLTDK101 Client Smp ID: C09787
Inj Date : 13-OCT-2000 23:40
Operator : AD Inst ID: mc.i
Smp Info : DLTDK101,,1,,0,1,0,8260BCL.M,C09787
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1013BC.B\8260BCL.m
Meth Date : 13-Oct-2000 23:13 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09787.D
Date : 13-OCT-2000 23:40
Client ID: C09787
Sample Info: DLTDK101,,1,,0,1,0,8260BCL.M,C09787
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



000381

BOE-C6-0150804

Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09787.D

Date : 13-OCT-2000 23:40

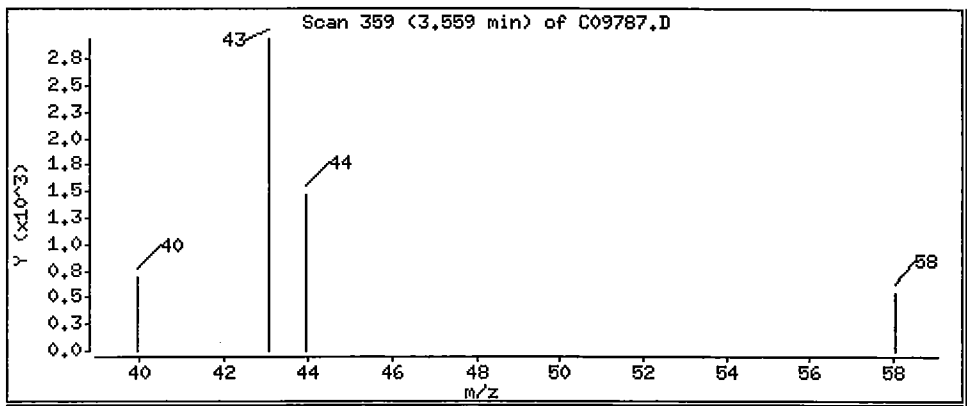
Client ID: C09787 Instrument: mc.i

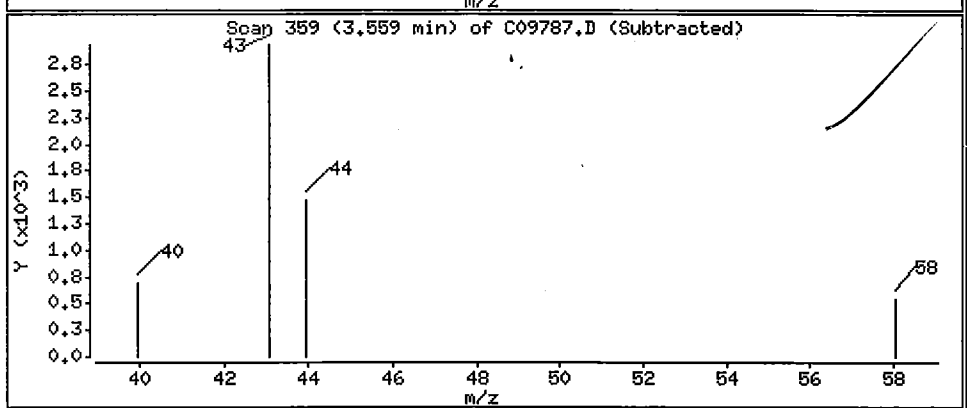
Sample Info: DLTDK101,,1,,0,1,0,8260BCL.M,C09787

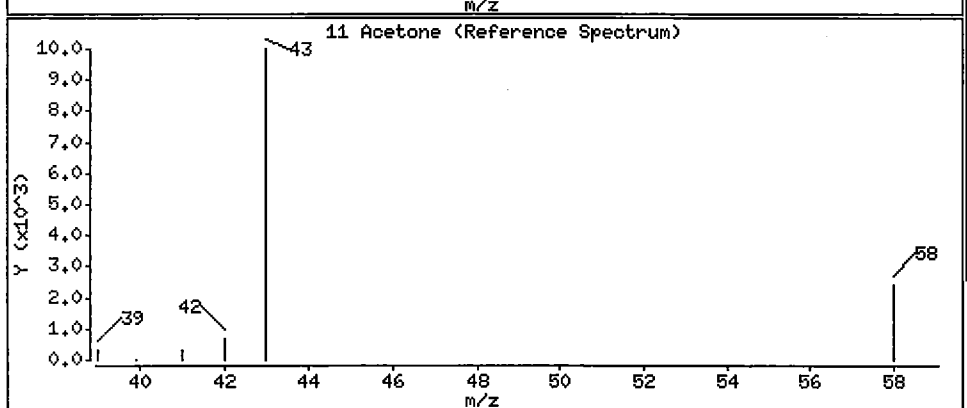
Purge Volume: 25.0 Operator: AD

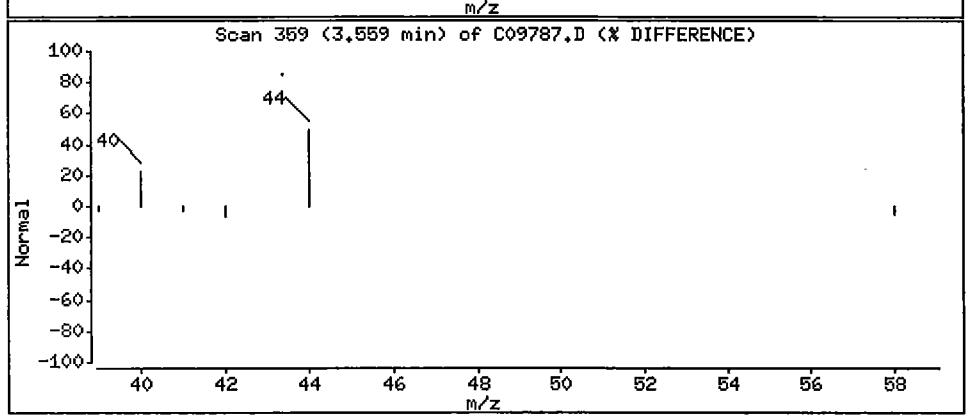
Column phase: J&W DB-624 Column diameter: 0.53

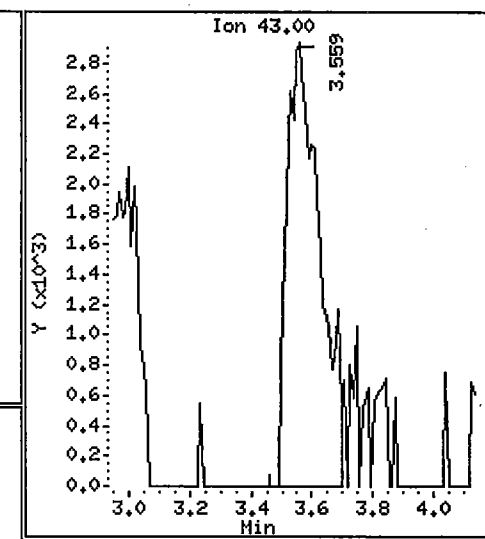
11 Acetone Concentration: 7.49 ug/L

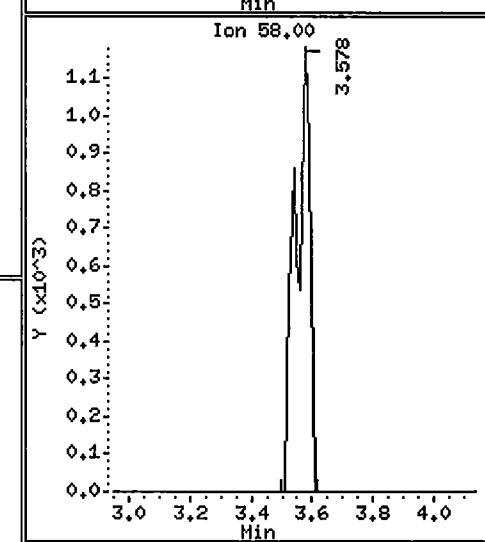












Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09787.D

Date : 13-OCT-2000 23:40

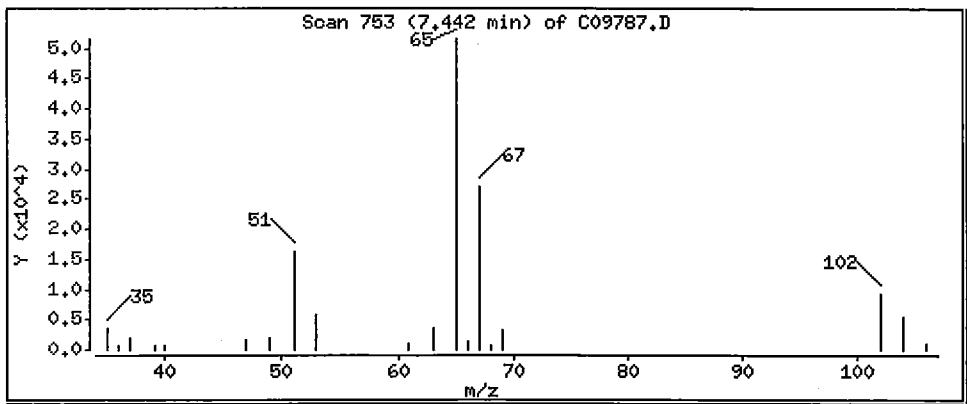
Client ID: C09787 Instrument: mc.i

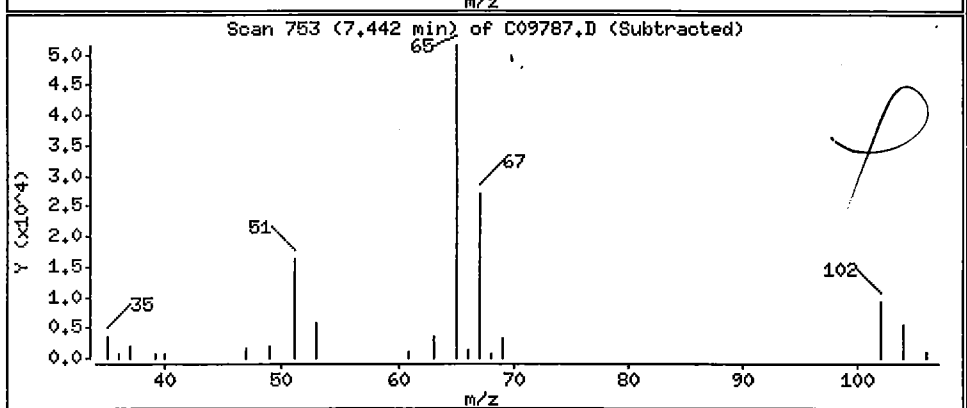
Sample Info: DLTDK101,,1,,0,1,0,8260BCL.M,C09787

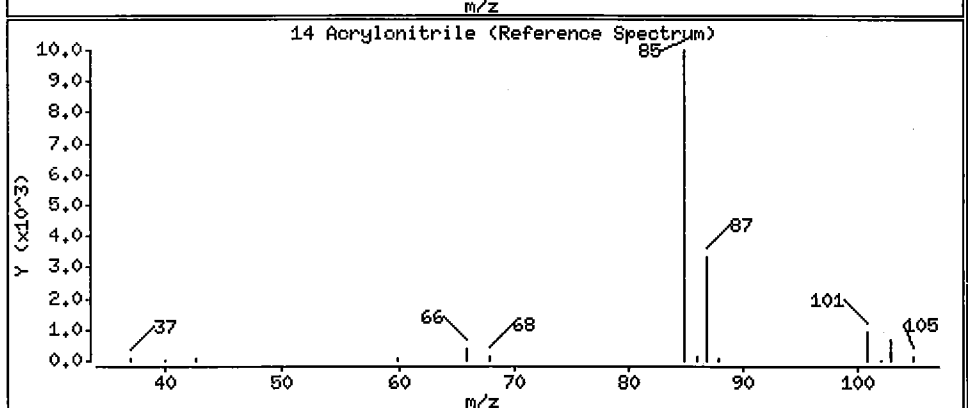
Purge Volume: 25.0 Operator: AD

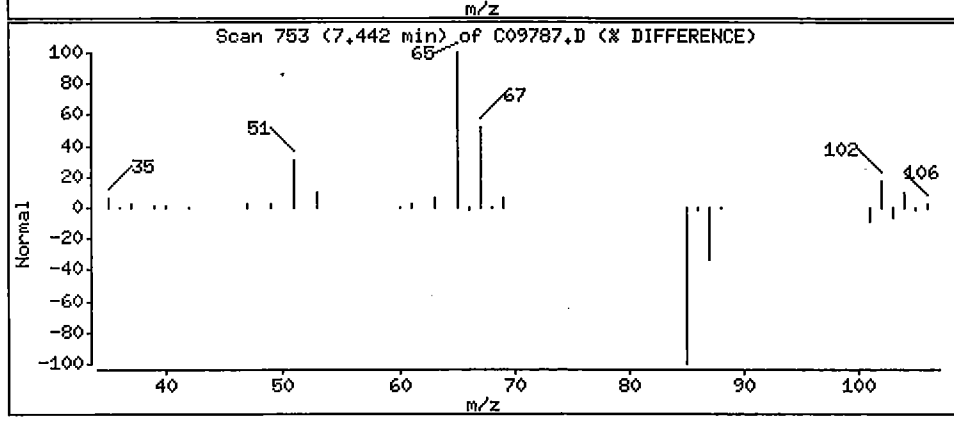
Column phase: J&W DB-624 Column diameter: 0.53

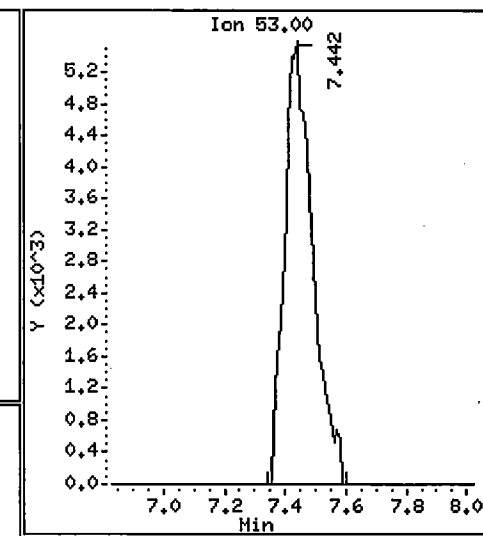
14 Acrylonitrile Concentration: 88.09 ug/L

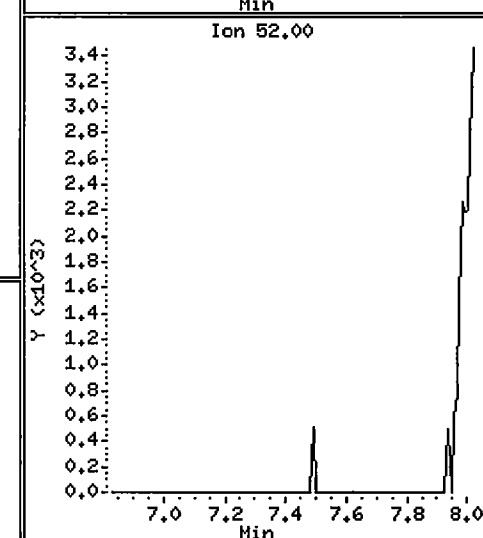


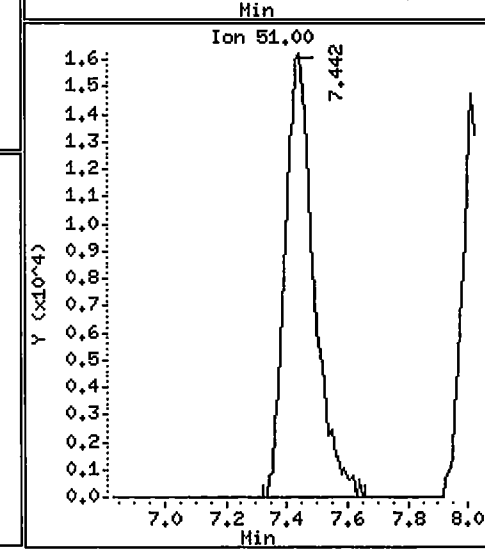












Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09787.D

Date : 13-OCT-2000 23:40

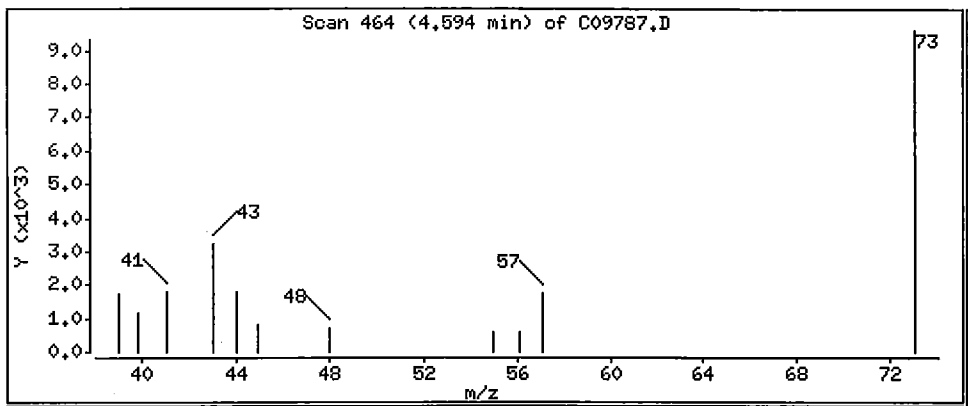
Client ID: C09787 Instrument: mc.i

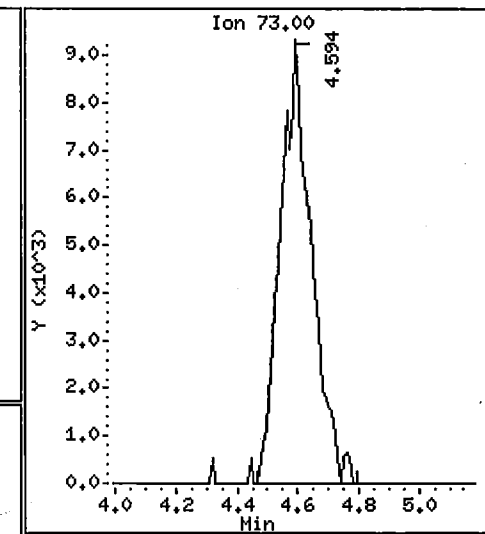
Sample Info: DLTDK101,,1,,0,1,0,8260BCL.M,C09787

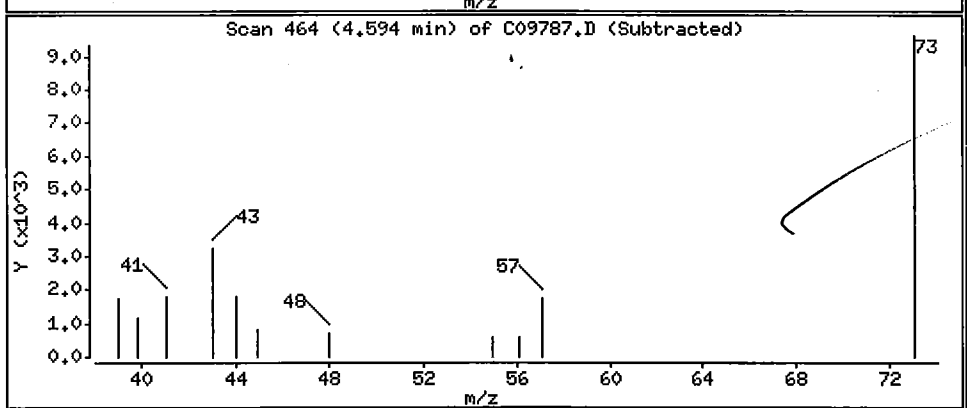
Purge Volume: 25.0 Operator: AD

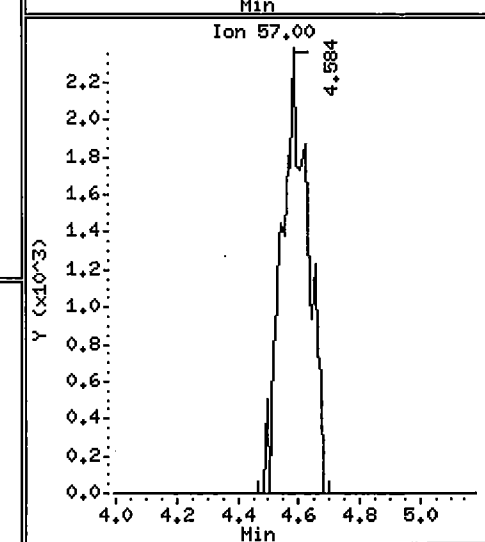
Column phase: J&W DB-624 Column diameter: 0.53

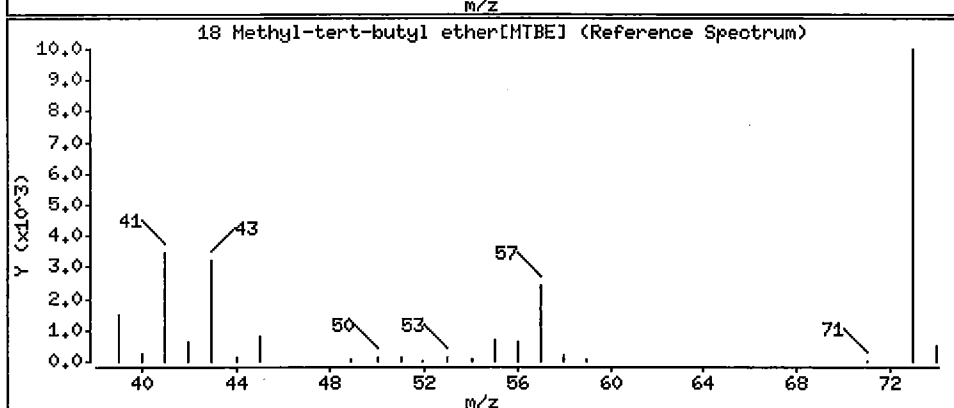
18 Methyl-tert-butyl ether[MTBE] Concentration: 1.64 ug/L

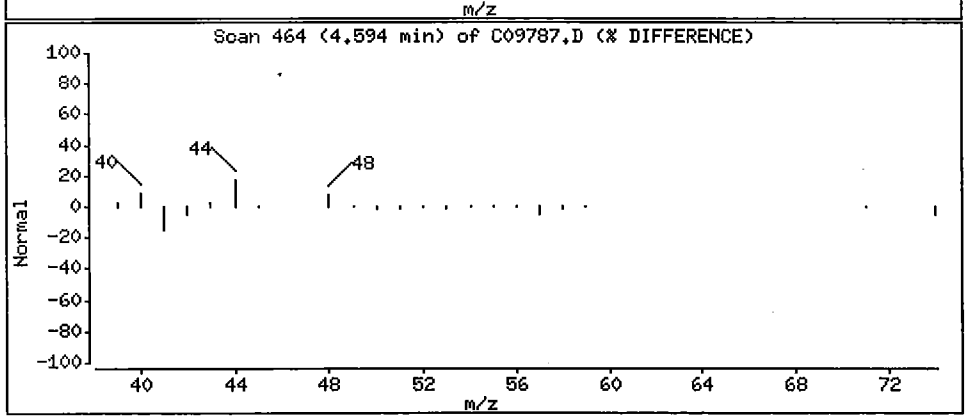












Data File: \\SANP2010\D\chem\mo.i\1013BC.B\C09787.D

Date : 13-OCT-2000 23:40

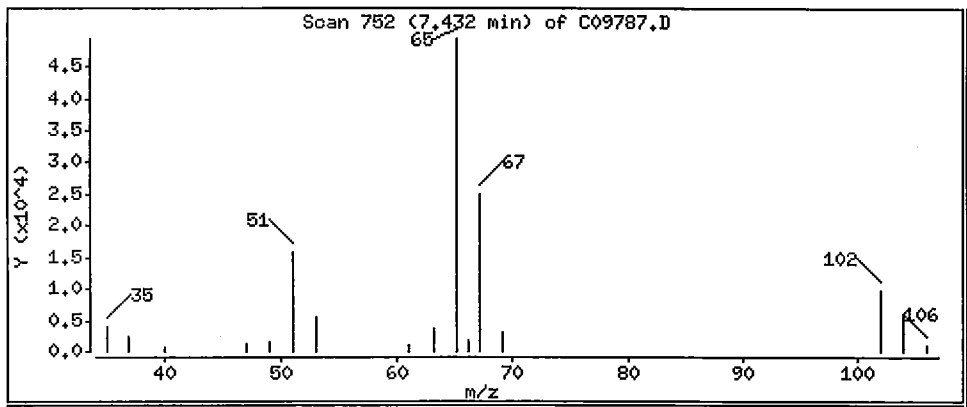
Client ID: C09787 Instrument: mo.i

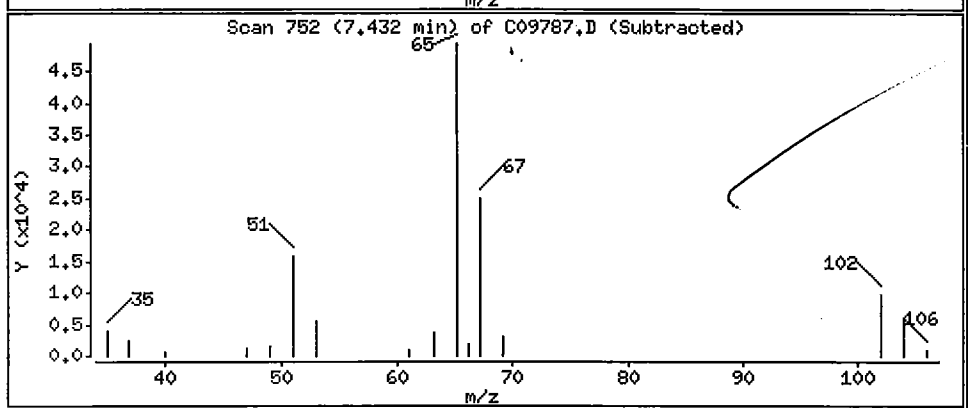
Sample Info: DLTDK101,,1,,0,1,0,8260BCL.M,C09787

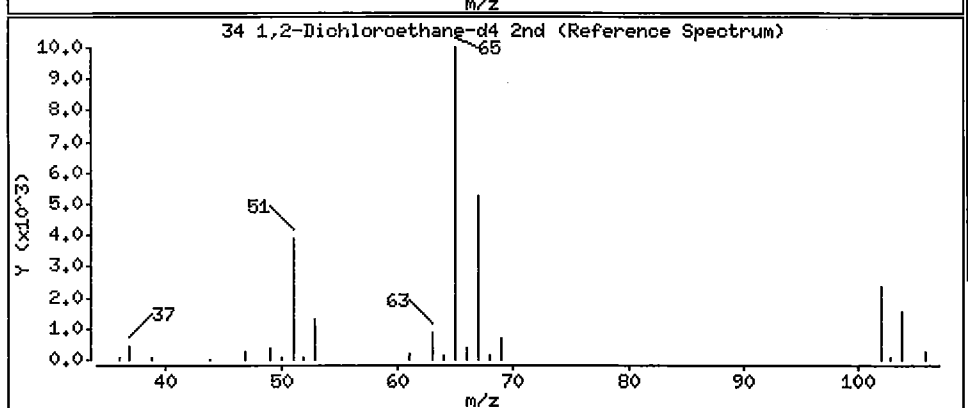
Purge Volume: 25.0 Operator: AD

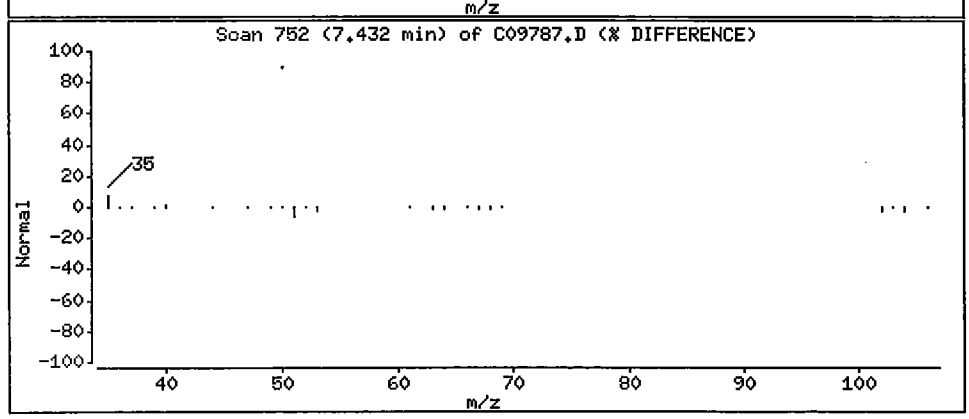
Column phase: J&W DB-624 Column diameter: 0.53

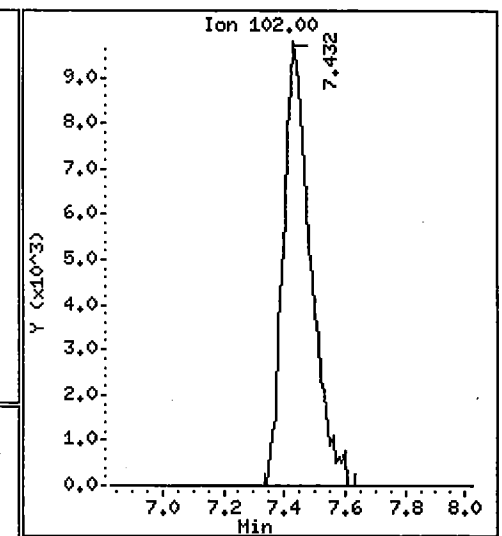
34 1,2-Dichloroethane-d4 2nd Concentration: 9.80 ug/L

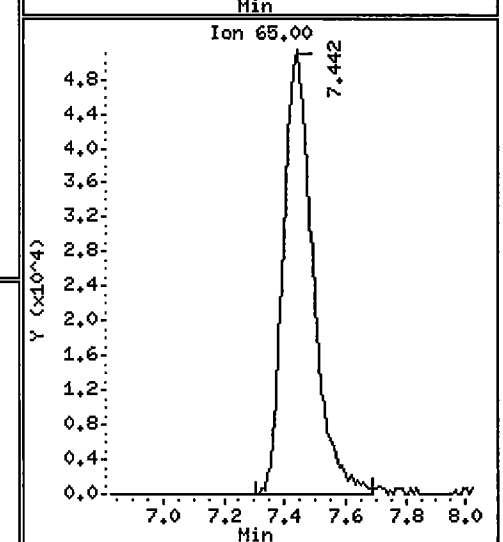












Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09787.D

Date : 13-OCT-2000 23:40

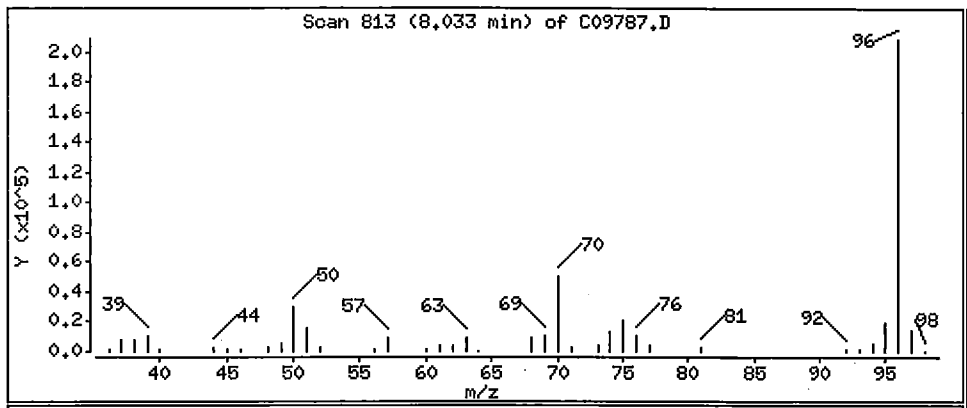
Client ID: C09787 Instrument: mc.i

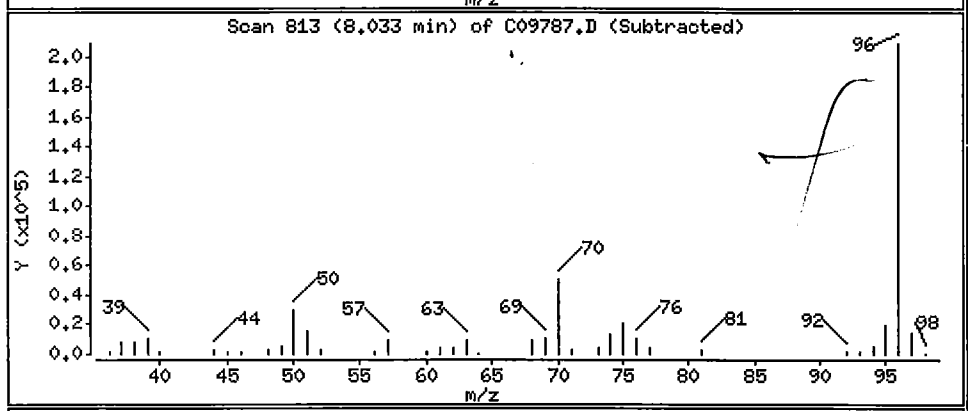
Sample Info: DLTDK101,,1,,0,1,0,8260BCL.M,C09787

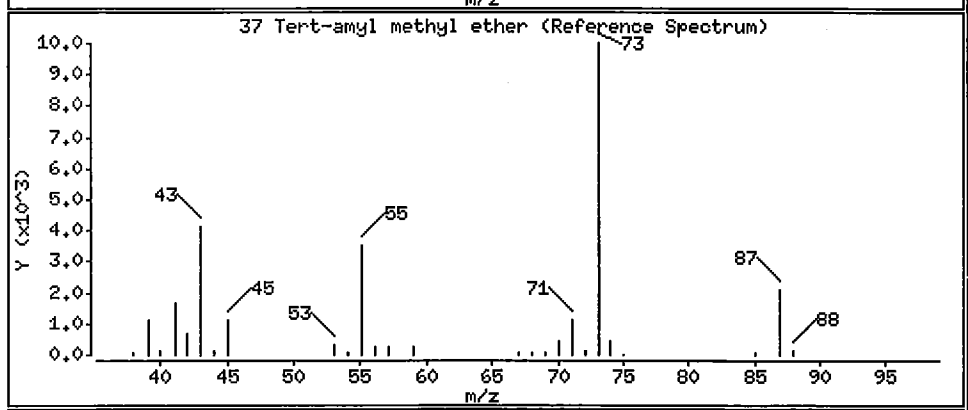
Purge Volume: 25.0 Operator: AD

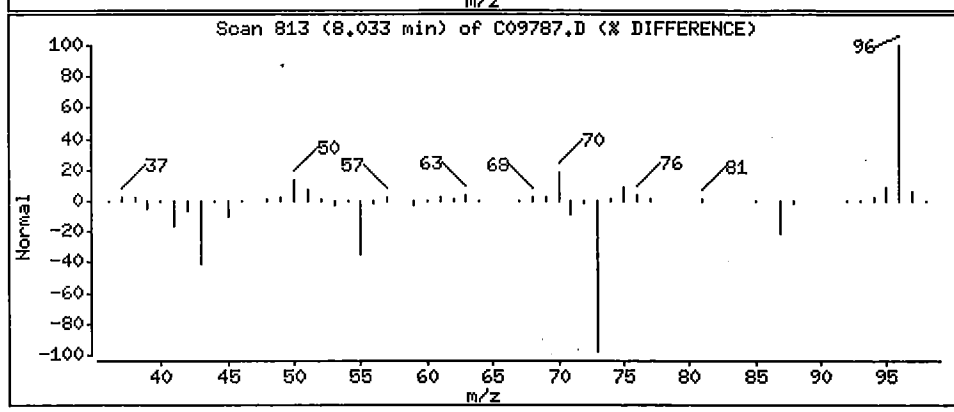
Column phase: J&W DB-624 Column diameter: 0.53

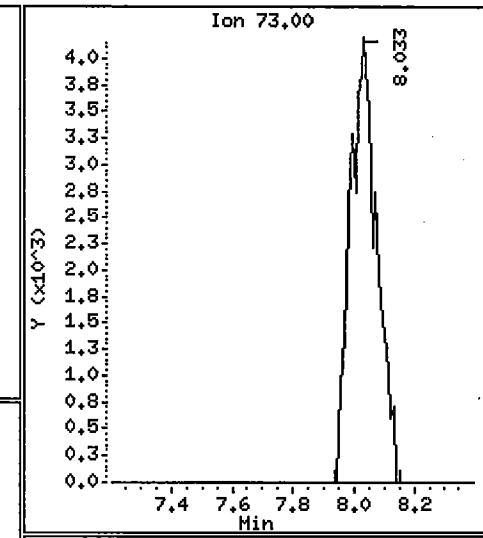
37 Tert-amyl methyl ether Concentration: 0.451 ug/L

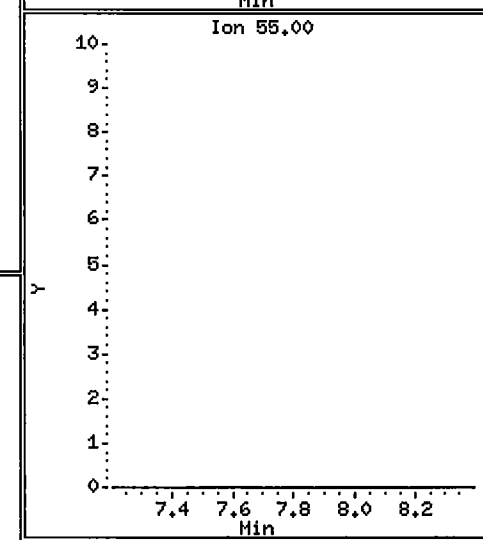


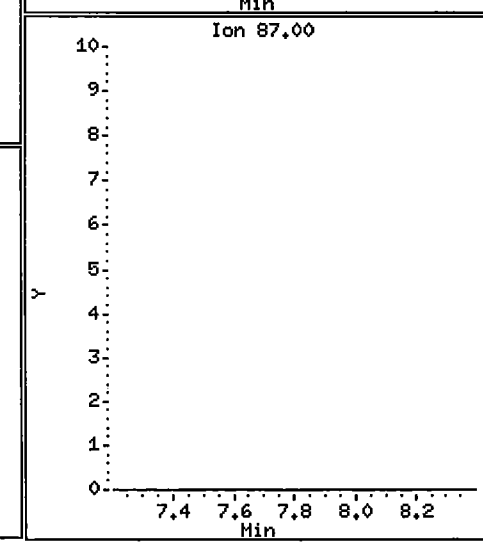












Data File: \\SANP2010\D\chem\mc.i\1013BC.B\C09787.D

Date : 13-OCT-2000 23:40

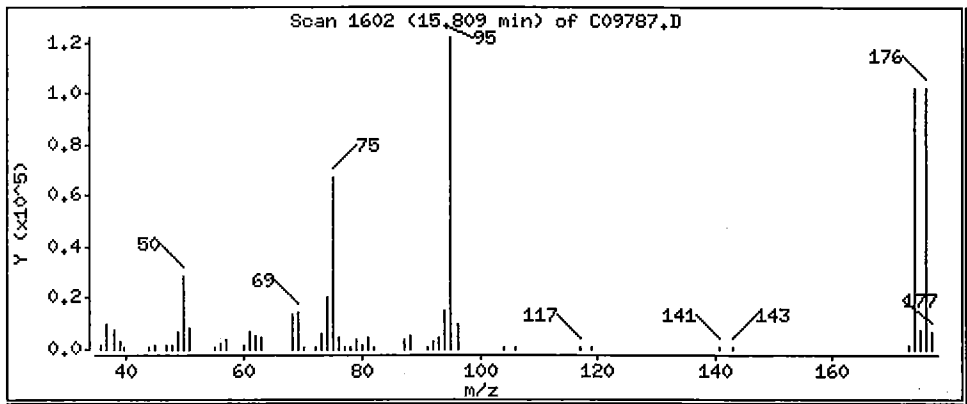
Client ID: C09787 Instrument: mc.i

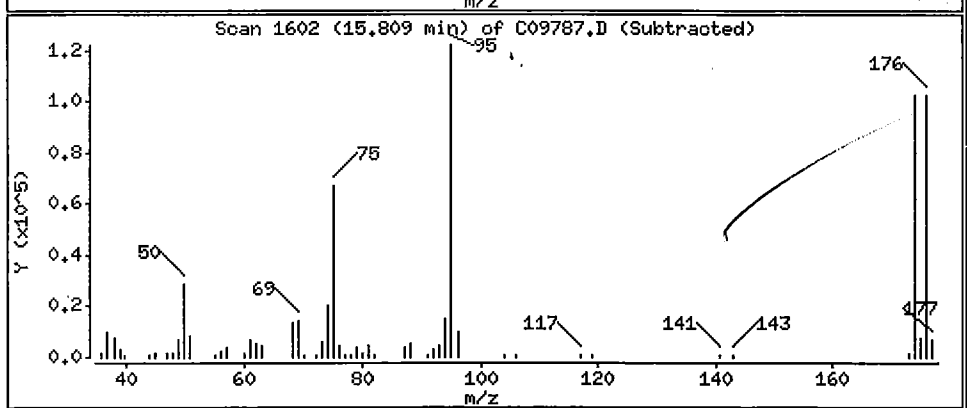
Sample Info: DLTDK101,,1,,0,1,0,8260BCL.M,C09787

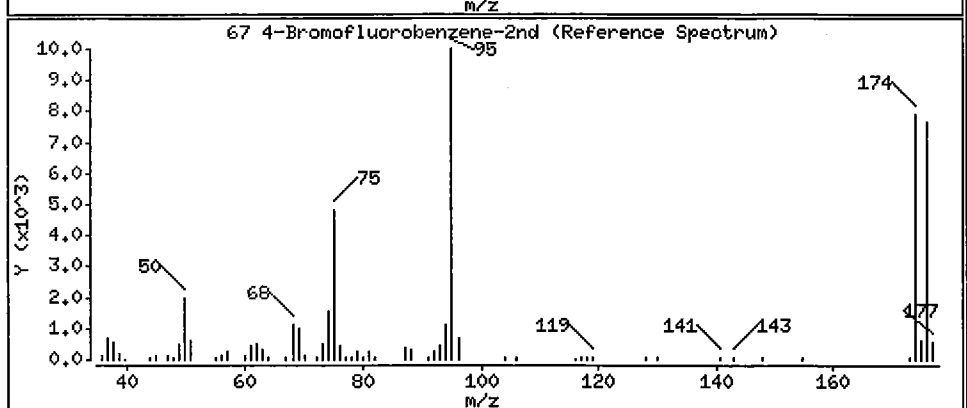
Purge Volume: 25.0 Operator: AD

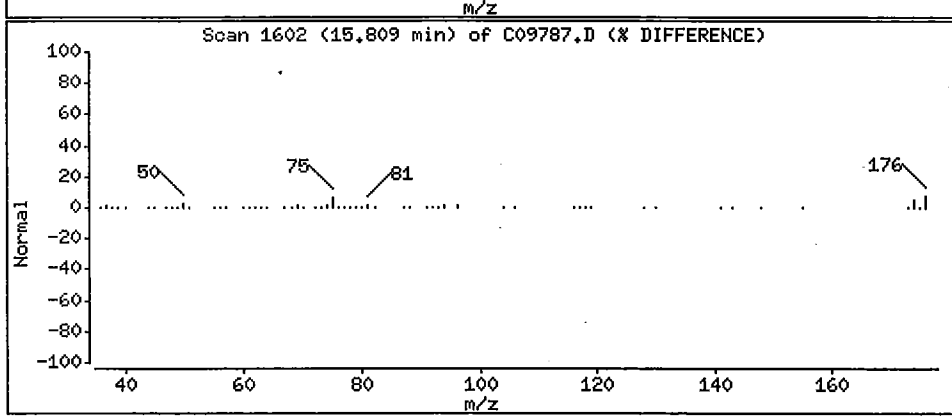
Column phase: J&W DB-624 Column diameter: 0.53

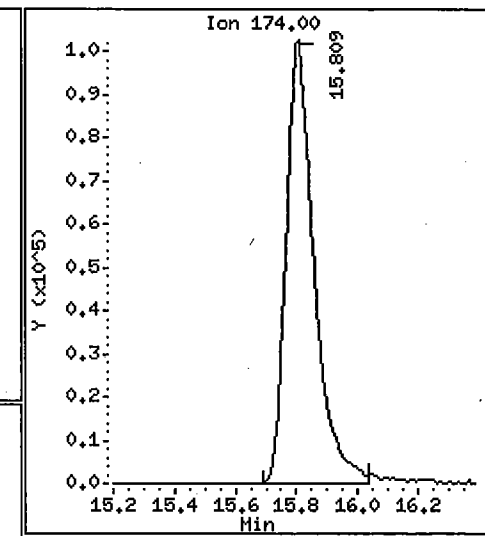
67 4-Bromofluorobenzene-2nd Concentration: 10.02 ug/L

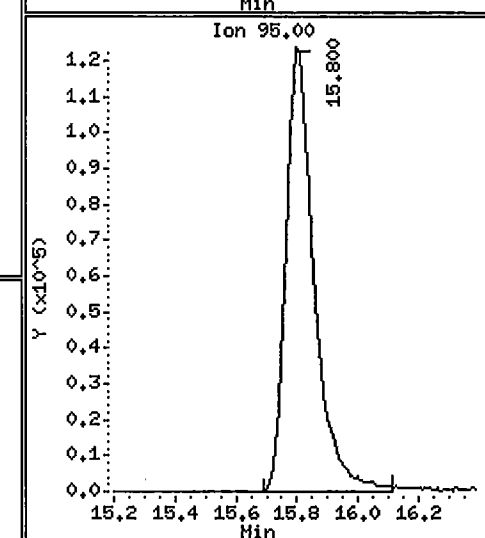


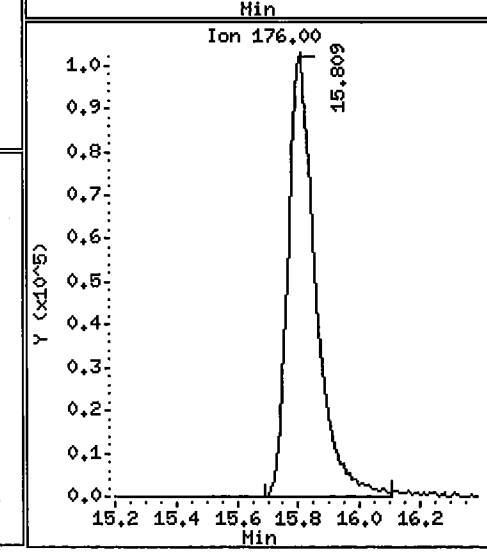












8260B SAMPLE / QC DATA

DATE ANALYZED: 102000

INSTRUMENT ID: MSD

SAMPLES: 6010227-1→17

STL Los Angeles

FJK 11/28/00

Batch ID: _____

GC/MS VOA Run Log

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☐ 5030B ☐ 5035

Inst ID: MSD	EM Set: 1706	Tune File: BFB.U	Seq File: 10/20/BD
Init. Cal ID: 8260BDA 10-4-2000			Date: 10/20/2000 PM

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
20:58	AD	DT1591	50ng BFB			1µm			✓			MSVOA 1265-2
21:17		DS2558	50ng 8260B	1	S	5g	1	167	✓			S1266-1; S1266-2; S0012059-2
21:59		D13252	LCS-1020BD	2				166	✓			LC1252-1
22:31		53	MB-1020BD	3				159	✓			
23:03		54	DLTCA101	4				151	✓			EOJ 090227-1
23:37		55	DLTCA102S	5				158	✓			-1MS
0:07		56	DLTCA103D	6				157	✓			-MSD
0:39		57	DLTCE101	7				156	✓			-2
1:10		58	DLTCF101	8				149	✓			-3
1:42		59	DLTCG101	9				117	✓			-4
2:14		60	DLTCH101	10				143	✓			-5
2:45		61	DLTCK101	11				132	✓			-6
3:17		62	DLTCK101	12				14	N	✓		Low purge -7
3:49		63	DLTCM101	13				140	✓			-8
4:21		64	DLTCN101	14				142	✓			-9
4:52		65	DLTCP101	15				142	✓			-10
5:24		66	DLTCQ101	16				138	✓			-11
5:56		67	DLTCR101	17				139	✓			-12
6:27		68	DLTCT101	18				139	✓			-13
6:59		69	DLTCW101	19				131	✓			-14
7:31		70	DLTCX101	20				139	✓			-15
8:02		71	DLTD0101	21				135	✓			-16
8:34		D13272	DLTD1101	22				141	✓			-17

000389

000116

G:\FORMS\Run Log\MSV Runlog.DOC

Version 01/04/99

BOE-C6-0150812

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA54651

Lab File ID (Standard): DS2556 Date Analyzed: 10/20/00

Instrument ID: MD Time Analyzed: 2117

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	1672707	7.10	1447988	12.60	1055543	17.26
	UPPER LIMIT	3345414	7.60	2895976	13.10	2111086	17.76
	LOWER LIMIT	836354	6.60	723994	12.10	527772	16.76
	EPA SAMPLE NO.						
01	D13252	1666782	7.10	1416546	12.61	1029361	17.25
02	D13253	1592990	7.09	1408218	12.61	1006923	17.26
03	D13254	1516369	7.10	1359334	12.61	965605	17.25
04	D13255	1583196	7.10	1336624	12.60	997691	17.25
05	D13256	1576020	7.10	1365648	12.60	996533	17.24
06	D13257	1510447	7.09	1313900	12.61	935241	17.25
07	D13258	1495740	7.08	1307273	12.60	946970	17.26
08	D13259	1178153	7.09	1006331	12.61	693050	17.26
09	D13260	1436214	7.09	1233866	12.60	908130	17.24
10	D13261	1326042	7.09	1154160	12.60	811383	17.25
11	D13262	143030*	7.12	109133*	12.60	63701*	17.25
12	D13263	1402870	7.10	1248023	12.60	886820	17.24
13	D13264	1428584	7.08	1261226	12.59	900131	17.24
14	D13265	1427563	7.09	1215982	12.59	825310	17.25
15	D13266	1389131	7.10	1227910	12.60	868592	17.25
16	D13267	1394075	7.10	1243670	12.60	869313	17.26
17	D13268	1393662	7.09	1218839	12.60	877162	17.24
18	D13269	1313845	7.08	1164633	12.59	819972	17.24
19	D13270	1398641	7.09	1244282	12.59	875392	17.24
20	D13271	1357096	7.08	1180441	12.60	844861	17.25
21	D13272	1418486	7.09	1263316	12.60	907576	17.25
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA 1/87 Rev.

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\DT1591.D
Lab Smp Id:
Inj Date : 20-OCT-2000 20:58
Operator : AD Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1265-2,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\BFB.M
Meth Date : 11-Jul-2000 09:15 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
1.8049	1.8000	(0.000)	95	91362			0.00- 100.00	100.00
1.8049	1.8000	(0.000)	50	17347			15.00- 40.00	18.99
1.8049	1.8000	(0.000)	75	43442			30.00- 60.00	47.55
1.8049	1.8000	(0.000)	96	7359			5.00- 9.00	8.05
1.8049	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.8049	1.8000	(0.000)	174	74416			50.00- 0.00	81.45
1.8049	1.8000	(0.000)	175	5910			5.00- 9.00	7.94
1.8049	1.8000	(0.000)	176	74208			95.00- 101.00	99.72
1.8049	1.8000	(0.000)	177	5666			5.00- 9.00	7.64

BD 10/20/2000

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\DT1591.D

Date : 20-OCT-2000 20:58

Client ID:

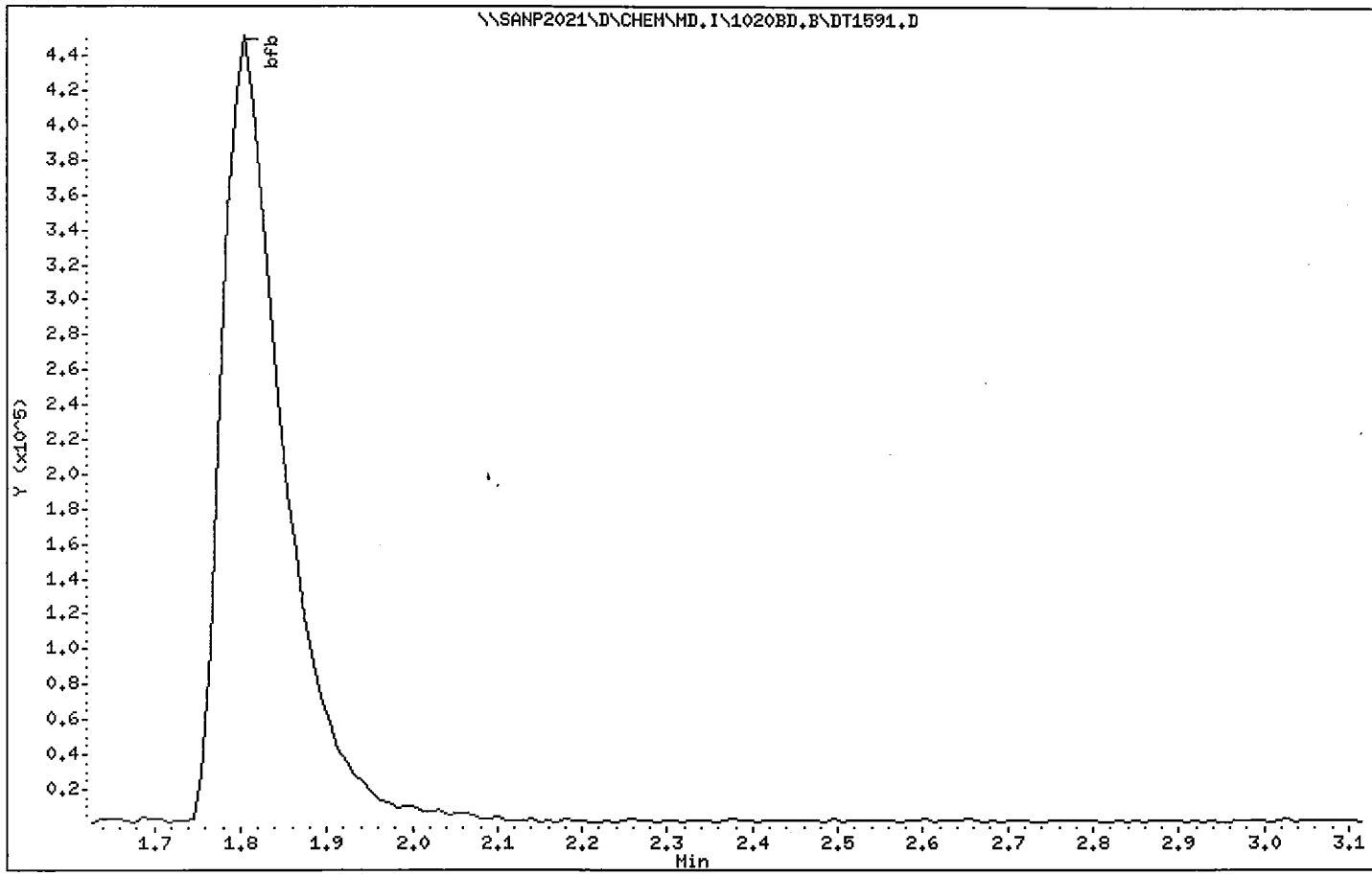
Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\DT1591.D

Date : 20-OCT-2000 20:58

Client ID:

Instrument: md.i

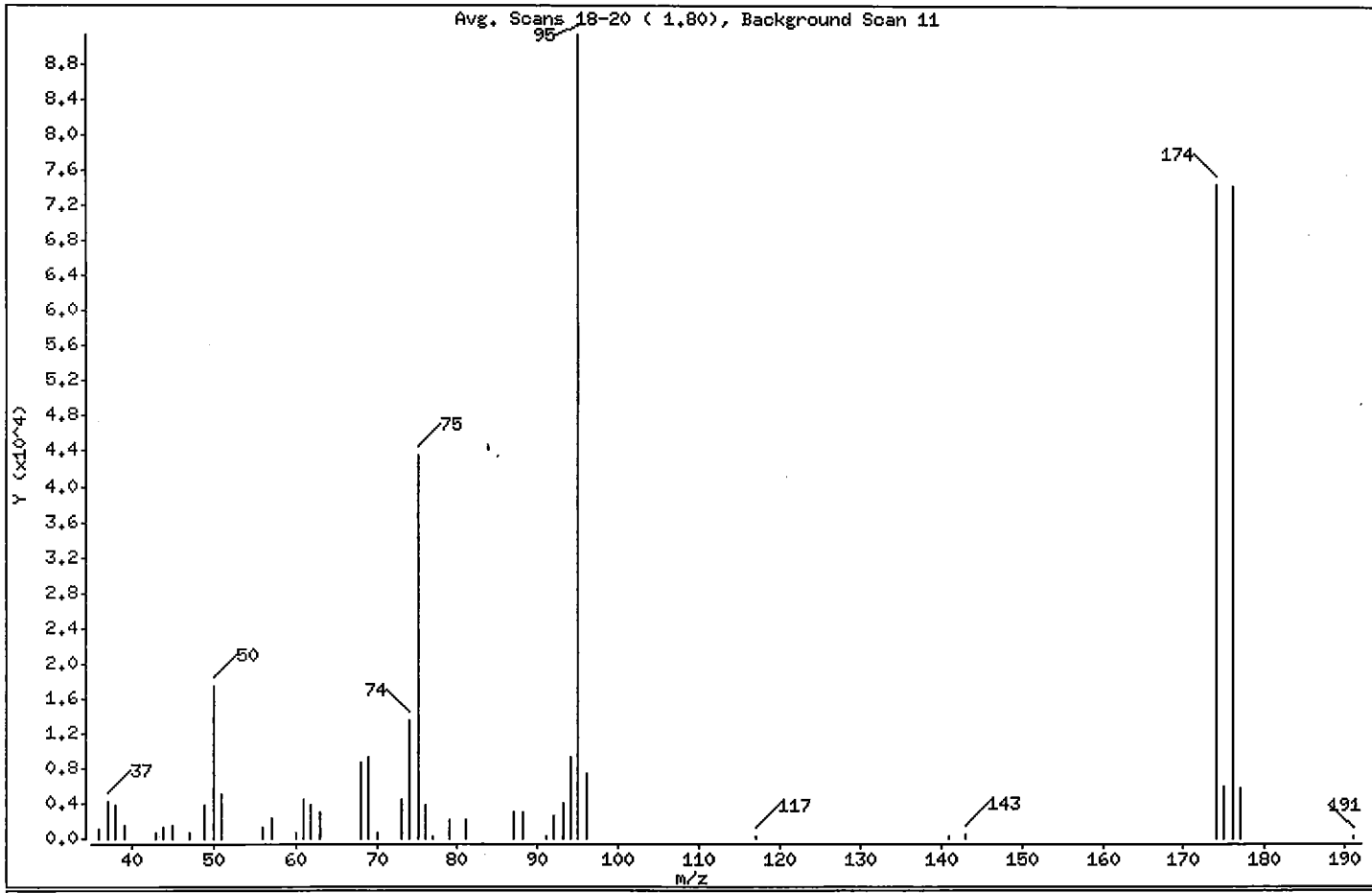
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.99
75	30.00 - 60.00% of mass 95	47.55
96	5.00 - 9.00% of mass 95	8.05
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	81.45
175	5.00 - 9.00% of mass 174	6.47 (7.94)
176	95.00 - 101.00% of mass 174	81.22 (99.72)
177	5.00 - 9.00% of mass 176	6.20 (7.64)

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\DT1591.D

Date : 20-OCT-2000 20:58

Client ID:

Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1591.D
Spectrum: Avg. Scans 18-20 (1.80), Background Scan 11
Location of Maximum: 95.00
Number of points: 43

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1012	56.00	1345	75.00	43440	95.00	91360
37.00	4249	57.00	2358	76.00	3682	96.00	7359
38.00	3835	60.00	681	77.00	269	117.00	263
39.00	1551	61.00	4309	79.00	2138	141.00	275
43.00	604	62.00	3736	81.00	2079	143.00	328
44.00	1221	63.00	2971	87.00	2908	174.00	74416
45.00	1454	68.00	8637	88.00	3030	175.00	5910
47.00	660	69.00	9298	91.00	257	176.00	74208
49.00	3820	70.00	571	92.00	2437	177.00	5666
50.00	17344	73.00	4448	93.00	3918	191.00	306
51.00	5015	74.00	13416	94.00	9344		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2556.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m

Injection Date: 20-OCT-2000 21:17
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

M 10/20/00

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	1 Dichlorodifluoromethane	0.44644	0.30206	0.010	-32.3	50.0
	2 Vinyl chloride (*)	0.21607	0.19184	0.010	-11.2	20.0
	3 Chloromethane (**)	0.19012	0.17478	0.100	-8.1	50.0
	4 Bromomethane	0.21985	0.19384	0.010	-11.8	50.0
	5 Chloroethane	0.13964	0.13646	0.010	-2.3	50.0
	6 Trichlorofluoromethane	0.71629	0.70174	0.010	-2.0	50.0
	7 Acrolein	0.01339	0.01177	0.001	-12.1	50.0
	8 1,1-Dichloroethene(*)	0.28163	0.24054	0.010	-14.6	20.0
	9 1,1,2-Trichlorotrifluoroeth	0.46984	0.42024	0.010	-10.6	50.0
	10 Acetone	0.05535	0.06268	0.010	13.2	50.0
	11 Iodomethane	0.54249	0.59128	0.001	9.0	50.0
	12 Carbon disulfide	0.63173	0.52998	0.010	-16.1	50.0
	13 Methylene chloride	0.28611	0.25753	0.010	-10.0	50.0
	14 t-Butanol	0.00532	0.00561	0.001	5.5	20.0
	15 trans-1,2-Dichloroethene	0.32668	0.28755	0.010	-12.0	50.0
	16 Acrylonitrile	0.04256	0.04152	0.001	-2.5	20.0
	17 Methyl-tert-butyl ether[MTB	0.75221	0.70180	0.010	-6.7	50.0
	18 1,1-Dichloroethane (**)	0.56293	0.50421	0.100	-10.4	50.0
	19 Vinyl acetate	0.72587	0.65197	0.010	-10.2	50.0
	20 Isopropyl ether	0.97354	0.86856	0.010	-10.8	20.0
	21 2,2-Dichloropropane	0.61103	0.53950	0.010	-11.7	50.0
	22 Tert-butyl ethyl ether	0.93101	0.88581	0.010	-4.9	20.0
	23 cis-1,2-Dichloroethene	0.33158	0.30659	0.010	-7.5	50.0
	24 2-Butanone	0.09614	0.09414	0.010	-2.1	50.0
	25 Bromochloromethane	0.21883	0.21372	0.010	-2.3	50.0
	26 Chloroform (*)	0.73233	0.64050	0.010	-12.5	20.0
	27 Tetrahydrofuran	0.05809	0.06589	0.010	13.4	50.0
M	28 1,2-Dichloroethene (total)	0.32913	0.29707	0.010	-9.7	50.0
$	29 Dibromofluoromethane	0.71120	0.62985	0.010	-11.4	50.0
	30 1,1,1-Trichloroethane	0.76256	0.71512	0.010	-6.2	50.0
	31 Carbon Tetrachloride	0.72937	0.68902	0.010	-5.5	50.0
	32 1,1-Dichloropropene	0.54325	0.49569	0.010	-8.8	50.0
$	33 1,2-Dichloroethane-d4	0.48005	0.44419	0.010	-7.5	50.0
	34 1,2-Dichloroethane-d4 2nd	0.09685	0.09271	0.010	-4.3	50.0
	35 Benzene	0.84852	0.78407	0.010	-7.6	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2556.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD
Method: \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m

Injection Date: 20-OCT-2000 21:17
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02
Quant Type: ISTD

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.53432	0.50825	0.010	-4.9	50.0	
	37 Tert-amyl methyl ether	0.88326	0.88142	0.010	-0.2	20.0	
	39 Trichloroethene	0.46731	0.46042	0.010	-1.5	50.0	
	40 1,2-Dichloropropane(*)	0.34594	0.31181	0.010	-9.9	20.0	
	41 Dibromomethane	0.32224	0.31648	0.010	-1.8	50.0	
	42 Bromodichloromethane	0.71616	0.69406	0.010	-3.1	50.0	
	43 1-Bromo-2-chloroethane	0.78851	0.49492	0.010	-37.2	50.0	
	44 2-Chloroethylvinyl ether	0.04393	0.06126	0.010	39.5	20.0	<-
	45 cis-1,3-Dichloropropene	0.54033	0.50965	0.010	-5.7	50.0	
	46 4-Methyl-2-pentanone	0.26017	0.26651	0.010	2.4	50.0	
$	47 Toluene-d8	1.15749	1.08736	0.010	-6.1	50.0	
	48 Toluene (*)	1.22215	1.15251	0.010	-5.7	20.0	
	49 trans-1,3-Dichloropropene	0.55799	0.55022	0.010	-1.4	50.0	
	50 1,1,2-Trichloroethane	0.40315	0.39273	0.010	-2.6	50.0	
	51 Tetrachloroethene	0.55481	0.55541	0.010	0.1	50.0	
	52 1,3-Dichloropropane	0.63464	0.62113	0.010	-2.1	50.0	
	53 2-Hexanone	0.22062	0.22935	0.010	4.0	50.0	
	54 Dibromochloromethane	0.73783	0.73903	0.010	0.2	50.0	
	55 1,2-Dibromoethane	0.61043	0.61730	0.010	1.1	50.0	
	57 Chlorobenzene (**)	0.98253	0.93896	0.300	-4.4	50.0	
	58 1,1,1,2-Tetrachloroethane	0.59402	0.58100	0.010	-2.2	50.0	
	59 Ethylbenzene (*)	0.45846	0.44598	0.010	-2.7	20.0	
	60 m,p-Xylenes	0.57596	0.55721	0.010	-3.3	50.0	
	61 o-Xylene	0.55644	0.54608	0.010	-1.9	50.0	
	62 Styrene	0.92422	0.90941	0.010	-1.6	50.0	
M	63 Xylenes (total)	0.56945	0.55350	0.010	-2.8	50.0	
	64 Bromoform (**)	0.59517	0.62963	0.100	5.8	50.0	
	65 Isopropylbenzene	1.75437	1.72691	0.010	-1.6	50.0	
	66 4-Bromofluorobenzene-2nd	0.99560	0.94043	0.010	-5.5	50.0	
$	67 4-Bromofluorobenzene	1.32880	1.21752	0.010	-8.4	50.0	
	68 Bromobenzene	0.83061	0.82185	0.010	-1.1	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.85523	0.84624	0.300	-1.1	50.0	
	70 1,2,3-Trichloropropane	0.28010	0.29797	0.010	6.4	50.0	
	71 n-Propylbenzene	2.58803	2.39143	0.010	-7.6	50.0	
	72 2-Chlorotoluene	0.62571	0.59493	0.010	-4.9	50.0	
	73 4-Chlorotoluene	0.65344	0.61663	0.010	-5.6	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 20-OCT-2000 21:17
Lab File ID: DS2556.D Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Analysis Type: SOIL Init. Cal. Times: 11:03 14:02
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.08187	2.02043	0.010	-3.0	50.0
75 tert-Butylbenzene	2.15036	2.12274	0.010	-1.3	50.0
76 1,2,4-Trimethylbenzene	2.11961	2.03826	0.010	-3.8	50.0
77 sec-Butylbenzene	2.82015	2.77872	0.010	-1.5	50.0
78 1,3-Dichlorobenzene	1.39311	1.33891	0.010	-3.9	50.0
80 1,4-Dichlorobenzene	1.51990	1.47367	0.010	-3.0	50.0
81 p-Isopropyltoluene	2.32696	2.27570	0.010	-2.2	50.0
82 1,2-Dichlorobenzene	1.33233	1.33401	0.010	0.1	50.0
83 n-Butylbenzene	2.22197	2.16930	0.010	-2.4	50.0
84 1,2-Dibromo-3-chloropropane	0.28987	0.30747	0.010	6.1	50.0
85 1,2,4-Trichlorobenzene	1.23050	1.20206	0.010	-2.3	50.0
86 Hexachlorobutadiene	0.92928	1.02905	0.010	10.7	50.0
87 Napthalene	1.86163	1.66269	0.010	-10.7	50.0
88 1,2,3-Trichlorobenzene	1.14824	1.14223	0.010	-0.5	50.0

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2556.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Misc Info: 1259-1;66-1;62-2,,5,,2,all.SUB

Calibration Date: 20-OCT-2000
Calibration Time: 21:17

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1672707	836354	3345414	1672707	0.00
56 Chlorobenzene-d5	1447988	723994	2895976	1447988	0.00
79 1,4-Dichlorobenze	1055543	527772	2111086	1055543	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.10	0.00
56 Chlorobenzene-d5	12.60	12.10	13.10	12.60	0.00
79 1,4-Dichlorobenze	17.26	16.76	17.76	17.26	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1020BD.B/DS2556.D
Inj. Date : 20-OCT-2000 21:17

ICAL Mid Point : //SANP2021/D/chem/md.i/1004AD.B/DS2515.D
Inj. Date : 04-OCT-2000 11:03

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.10	7.10	0.00	1480718	1672707	113.0%
Chlorobenzene-d5	12.63	12.60	0.02	1259551	1447988	115.0%
1,4-Dichlorobenzene-d4	17.27	17.26	0.00	906122	1055543	116.5%

8260B Area difference criteria: 50%-200%

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\DS2556.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 20-OCT-2000 21:17
Operator : AD Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1259-1;66-1;62-2,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 21:41 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.461	1.461	(0.206)	505257	50.0000	33.83
2 Vinyl chloride (*)	62	1.697	1.697	(0.239)	320899	50.0000	44.39
3 Chloromethane (**)	50	1.628	1.628	(0.229)	292363	50.0000	45.97
4 Bromomethane	94	1.973	1.973	(0.278)	324243	50.0000	44.08
5 Chloroethane	64	2.062	2.062	(0.291)	228261	50.0000	48.86
6 Trichlorofluoromethane	101	2.288	2.288	(0.322)	1173801	50.0000	48.98
7 Acrolein	56	2.702	2.702	(0.381)	196808	500.000	439.4(AQ)
8 1,1-Dichloroethene(*)	96	2.781	2.781	(0.392)	402347	50.0000	42.70
9 1,1,2-Trichlorotrifluoroethan	151	2.791	2.791	(0.393)	702932	50.0000	44.72
10 Acetone	43	2.870	2.870	(0.404)	524218	250.000	283.1(Q)
11 Iodomethane	142	2.938	2.938	(0.414)	1978066	100.000	109.0(A)
12 Carbon disulfide	76	3.007	3.007	(0.424)	886505	50.0000	41.95
13 Methylene chloride	84	3.333	3.333	(0.470)	430779	50.0000	45.00
14 t-Butanol	59	3.579	3.579	(0.504)	234569	1250.00	1319

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.668	3.668	(0.517)	480991	50.0000	44.01
	16 Acrylonitrile	53	3.658	3.658	(0.515)	694464	500.000	487.7(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.717	3.717	(0.524)	1173911	50.0000	46.65
	18 1,1-Dichloroethane (**)	63	4.259	4.259	(0.600)	843394	50.0000	44.78
	19 Vinyl acetate	43	4.397	4.397	(0.620)	2181117	100.000	89.82
	20 Isopropyl ether	45	4.436	4.436	(0.625)	1452850	50.0000	44.61
	21 2,2-Dichloropropane	77	5.145	5.145	(0.725)	902428	50.0000	44.15
	22 Tert-butyl ethyl ether	59	4.998	4.998	(0.704)	1481701	50.0000	47.57
	23 cis-1,2-Dichloroethene	96	5.165	5.165	(0.728)	512830	50.0000	46.23
	24 2-Butanone	43	5.264	5.264	(0.742)	787376	250.000	244.8
	25 Bromochloromethane	128	5.559	5.559	(0.783)	357483	50.0000	48.83
	26 Chloroform (*)	83	5.717	5.717	(0.806)	1071368	50.0000	43.73
	27 Tetrahydrofuran	42	5.678	5.678	(0.800)	110211	50.0000	56.71
M	28 1,2-Dichloroethene (total)	100				993822	100.000	90.24
$	29 Dibromofluoromethane	111	5.983	5.983	(0.843)	1053560	50.0000	44.28
	30 1,1,1-Trichloroethane	97	5.973	5.973	(0.842)	1196180	50.0000	46.89
	31 Carbon Tetrachloride	117	6.239	6.239	(0.879)	1152535	50.0000	47.23
	32 1,1-Dichloropropene	75	6.259	6.259	(0.882)	829143	50.0000	45.62
$	33 1,2-Dichloroethane-d4	65	6.525	6.525	(0.919)	742998	50.0000	46.26
	34 1,2-Dichloroethane-d4 2nd	102	6.515	6.515	(0.918)	155072	50.0000	47.86
	35 Benzene	78	6.594	6.594	(0.929)	1311525	50.0000	46.20
	36 1,2-Dichloroethane	62	6.643	6.643	(0.936)	850157	50.0000	47.56
	37 Tert-amyl methyl ether	73	6.889	6.889	(0.971)	1474365	50.0000	49.90
*	38 Fluorobenzene	96	7.096	7.096	(1.000)	1672707	50.0000	
	39 Trichloroethene	130	7.727	7.727	(1.089)	770140	50.0000	49.26
	40 1,2-Dichloropropane(*)	63	8.121	8.121	(1.144)	521572	50.0000	45.07
	41 Dibromomethane	93	8.318	8.318	(1.172)	529384	50.0000	49.11
	42 Bromodichloromethane	83	8.653	8.653	(1.219)	1160962	50.0000	48.46
	43 1-Bromo-2-chloroethane	63	9.145	9.145	(1.289)	827849	50.0000	31.38(Q)
	44 2-Chloroethylvinyl ether	106	9.254	9.254	(1.304)	204932	100.000	139.4(A)
	45 cis-1,3-Dichloropropene	75	9.461	9.461	(1.333)	852502	50.0000	47.16
	46 4-Methyl-2-pentanone	43	9.815	9.815	(1.383)	2228931	250.000	256.1
$	47 Toluene-d8	98	9.924	9.924	(0.787)	1574491	50.0000	46.97
	48 Toluene (*)	91	10.042	10.042	(0.797)	1668821	50.0000	47.15
	49 trans-1,3-Dichloropropene	75	10.515	10.515	(0.834)	796711	50.0000	49.30
	50 1,1,2-Trichloroethane	97	10.830	10.830	(0.859)	568671	50.0000	48.71
	51 Tetrachloroethene	164	11.037	11.037	(0.876)	804224	50.0000	50.05
	52 1,3-Dichloropropane	76	11.126	11.126	(0.883)	899385	50.0000	48.94
	53 2-Hexanone	43	11.382	11.382	(0.903)	1660478	250.000	259.9
	54 Dibromochloromethane	129	11.540	11.540	(0.916)	1070107	50.0000	50.08
	55 1,2-Dibromoethane	107	11.697	11.697	(0.928)	893839	50.0000	50.56
*	56 Chlorobenzene-d5	117	12.604	12.604	(1.000)	1447988	50.0000	
	57 Chlorobenzene (**)	112	12.663	12.663	(1.005)	1359606	50.0000	47.78
	58 1,1,1,2-Tetrachloroethane	131	12.850	12.850	(1.020)	841279	50.0000	48.90
	59 Ethylbenzene (*)	106	12.919	12.919	(1.025)	645770	50.0000	48.64
	60 m,p-Xylenes	106	13.155	13.155	(1.044)	1613652	100.000	96.74
	61 o-Xylene	106	13.924	13.924	(1.105)	790715	50.0000	49.07

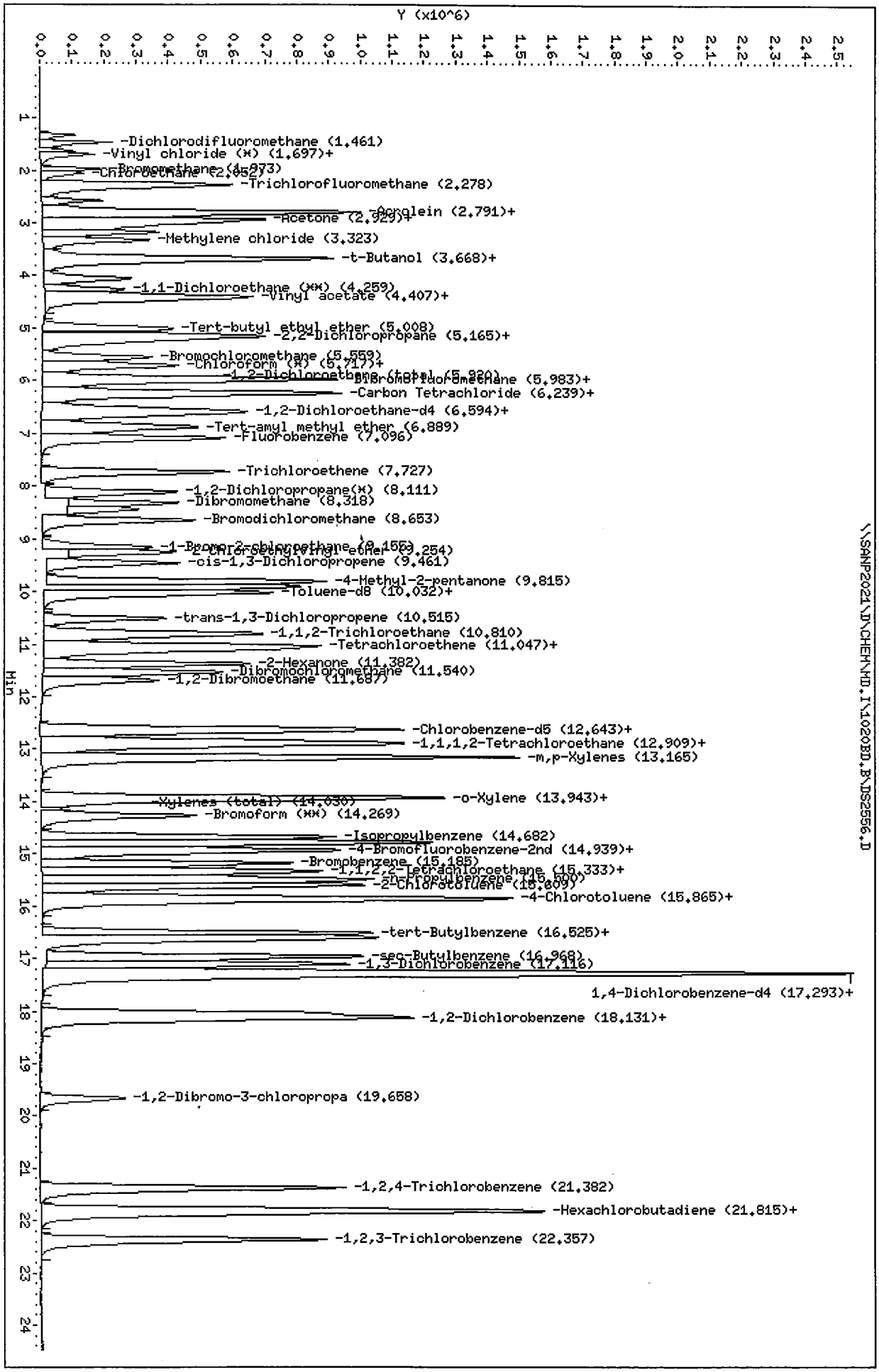
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.953	13.953	(1.107)	1316818	50.0000	49.20
M	63 Xylenes (total)	100				2404368	150.000	145.8
	64 Bromoform (**)	173	14.278	14.278	(1.133)	911699	50.0000	52.89
	65 Isopropylbenzene	105	14.682	14.682	(1.165)	2500543	50.0000	49.22
	66 4-Bromofluorobenzene-2nd	174	14.948	14.948	(0.866)	992667	50.0000	47.23
$	67 4-Bromofluorobenzene	95	14.948	14.948	(0.866)	1285149	50.0000	45.81
	68 Bromobenzene	156	15.195	15.195	(0.880)	867502	50.0000	49.47
	69 1,1,2,2-Tetrachloroethane(**)	83	15.333	15.333	(0.888)	893240	50.0000	49.47
	70 1,2,3-Trichloropropane	110	15.352	15.352	(0.889)	314515	50.0000	53.19
	71 n-Propylbenzene	91	15.500	15.500	(0.898)	2524256	50.0000	46.20
	72 2-Chlorotoluene	126	15.618	15.618	(0.905)	627970	50.0000	47.54
	73 4-Chlorotoluene	126	15.835	15.835	(0.917)	650877	50.0000	47.18
	74 1,3,5-Trimethylbenzene	105	15.884	15.884	(0.920)	2132652	50.0000	48.52
	75 tert-Butylbenzene	119	16.525	16.525	(0.957)	2240644	50.0000	49.36
	76 1,2,4-Trimethylbenzene	105	16.623	16.623	(0.963)	2151469	50.0000	48.08
	77 sec-Butylbenzene	105	16.968	16.968	(0.983)	2933057	50.0000	49.26
	78 1,3-Dichlorobenzene	146	17.116	17.116	(0.991)	1413282	50.0000	48.05
*	79 1,4-Dichlorobenzene-d4	152	17.264	17.264	(1.000)	1055543	50.0000	
	80 1,4-Dichlorobenzene	146	17.313	17.313	(1.003)	1555519	50.0000	48.48
	81 p-Isopropyltoluene	119	17.303	17.303	(1.002)	2402100	50.0000	48.90
	82 1,2-Dichlorobenzene	146	18.042	18.042	(1.045)	1408108	50.0000	50.06
	83 n-Butylbenzene	91	18.131	18.131	(1.050)	2289790	50.0000	48.81
	84 1,2-Dibromo-3-chloropropane	157	19.658	19.658	(1.139)	324551	50.0000	53.04
	85 1,2,4-Trichlorobenzene	180	21.382	21.382	(1.239)	1268823	50.0000	48.84
	86 Hexachlorobutadiene	225	21.806	21.806	(1.263)	1086209	50.0000	55.37
	87 Napthalene	128	21.845	21.845	(1.265)	1755037	50.0000	44.66
	88 1,2,3-Trichlorobenzene	180	22.367	22.367	(1.296)	1205668	50.0000	49.74

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\DS2556.D
Date : 20-OCT-2000 21:17
Client ID:
Sample Info: 50 PPB 8260B STD,,3.0,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13252.D
Lab Smp Id: LCS-1020BD Client Smp ID: D13252
Inj Date : 20-OCT-2000 21:59
Operator : AD Inst ID: md.i
Smp Info : LCS-1020BD,LCS,2,,0,1,0,8260BDA.M,D13252
Misc Info : 1260-1,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 21:41 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.785	2.781	(0.392)	450008	47.9332	47.93
$ 29 Dibromofluoromethane	111	5.987	5.983	(0.843)	1054558	44.4808	44.48
$ 33 1,2-Dichloroethane-d4	65	6.529	6.525	(0.920)	700295	43.7613	43.76
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.515	(0.918)	152492	47.2333	47.23
35 Benzene	78	6.588	6.594	(0.928)	1386234	49.0078	49.01
* 38 Fluorobenzene	96	7.101	7.096	(1.000)	1666782	50.0000	
39 Trichloroethene	130	7.741	7.727	(1.090)	808865	51.9228	51.92
$ 47 Toluene-d8	98	9.928	9.924	(0.787)	1546342	47.1552	47.16
48 Toluene (*)	91	10.036	10.042	(0.796)	1723966	49.7903	49.79
* 56 Chlorobenzene-d5	117	12.608	12.604	(1.000)	1416546	50.0000	
57 Chlorobenzene (**)	112	12.657	12.663	(1.004)	1413645	50.7849	50.78
$ 67 4-Bromofluorobenzene	95	14.953	14.948	(0.867)	1267785	46.3433	46.34
66 4-Bromofluorobenzene-2nd	174	14.943	14.948	(0.866)	969720	47.3113	47.31
* 79 1,4-Dichlorobenzene-d4	152	17.248	17.264	(1.000)	1029361	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13252.D

Date : 20-OCT-2000 21:59

Client ID: D13252

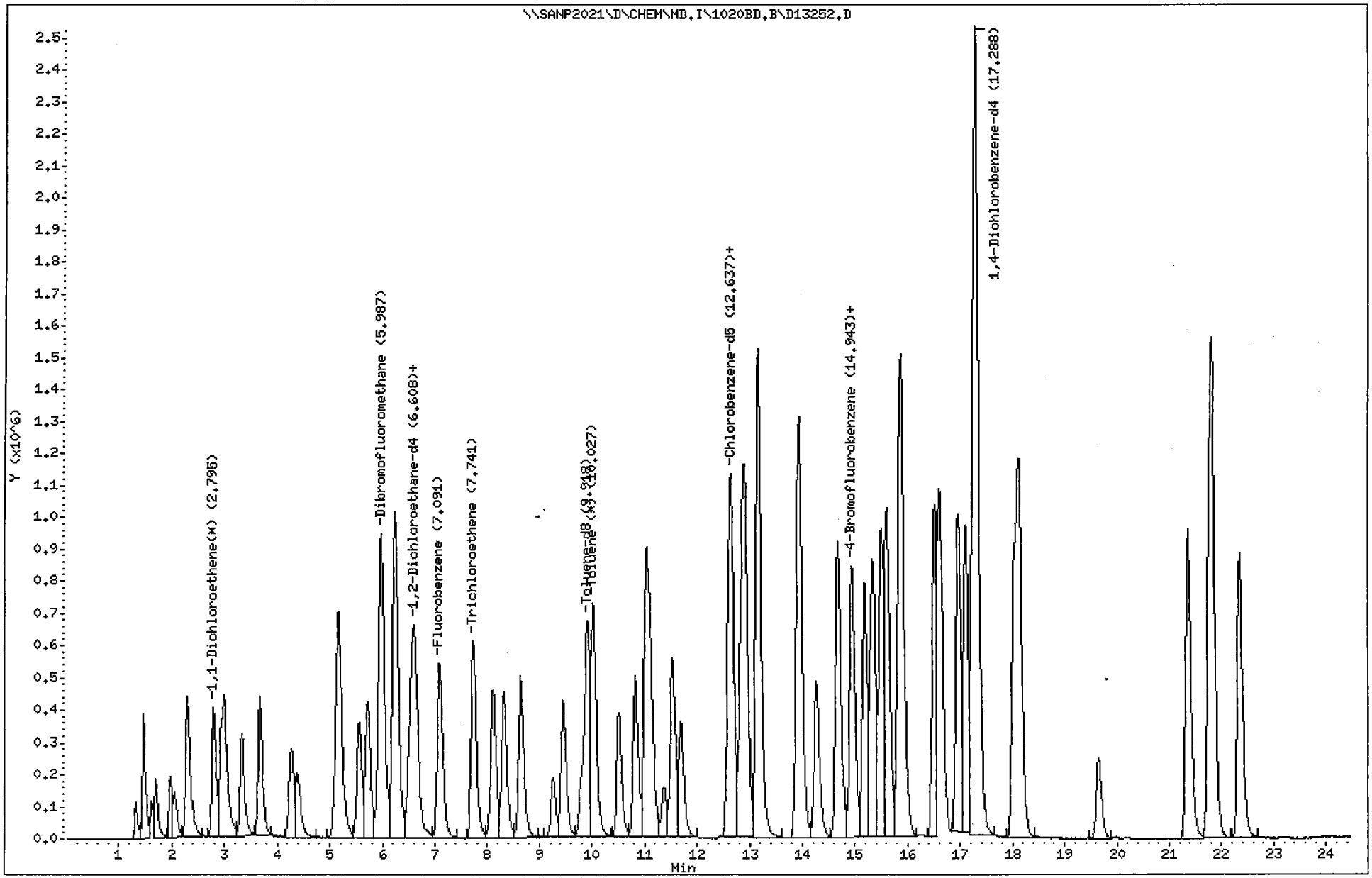
Sample Info: LCS-1020BD,LCS,2,,0,1,0,8260BDA.M,D13252

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



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BOE-C6-0150828

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13253.D
Lab Smp Id: MB-1020BD Client Smp ID: D13253
Inj Date : 20-OCT-2000 22:31
Operator : AD Inst ID: md.i
Smp Info : MB-1020BD,BLANK,2,,0,1,0,8260BDA.M,D13253
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.864	2.870	(0.404)	32037	18.1661	18.17(Q)
$ 29 Dibromofluoromethane	111	5.977	5.983	(0.843)	1020705	45.0473	45.05
$ 33 1,2-Dichloroethane-d4	65	6.509	6.525	(0.918)	649787	42.4861	42.49
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.515	(0.919)	137296	44.4963	44.50
36 1,2-Dichloroethane	62	7.090	6.643	(1.000)	24816	1.45775	1.46(aQ)
* 38 Fluorobenzene	96	7.090	7.096	(1.000)	1592990	50.0000	
$ 47 Toluene-d8	98	9.908	9.924	(0.786)	1448560	44.4346	44.43
* 56 Chlorobenzene-d5	117	12.608	12.604	(1.000)	1408218	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.943	14.948	(0.866)	918567	45.8143	45.81
$ 67 4-Bromofluorobenzene	95	14.943	14.948	(0.866)	1180726	44.1227	44.12
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.264	(1.000)	1006923	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13253.D
Lab Smp Id: MB-1020BD Client Smp ID: D13253
Inj Date : 20-OCT-2000 22:31
Operator : AD Inst ID: md.i
Smp Info : MB-1020BD,BLANK,2,,0,1,0,8260BDA.M,D13253
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.090	3595706	50.000

	CONCENTRATIONS				QUANT			
	RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown						CAS #:		
	1.317	460169	6.39886185	6.40	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1020BD
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13253
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Un~~known~~ ND	1.317	6.40	J

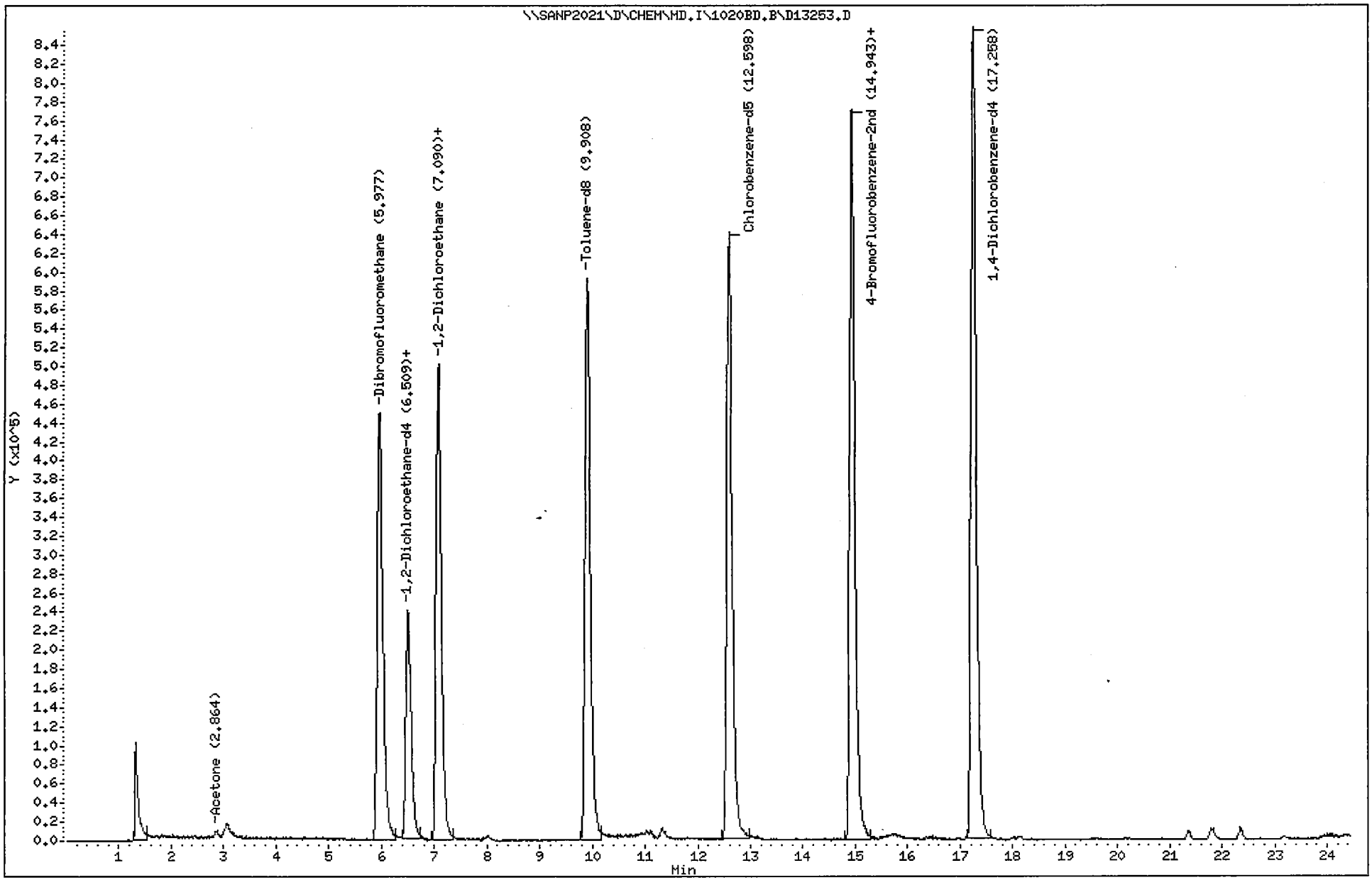
Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13253.D
Date : 20-OCT-2000 22:31
Client ID: D13253
Sample Info: MB-1020BD,BLANK,2,,0,1,0,8260BDA.M,D13253

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000410

BOE-C6-0150833

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13253.D

Date : 20-OCT-2000 22:31

Client ID: D13253

Instrument: md.i

Sample Info: MB-1020BD,BLANK,2,,0,1,0,8260BDA,M,D13253

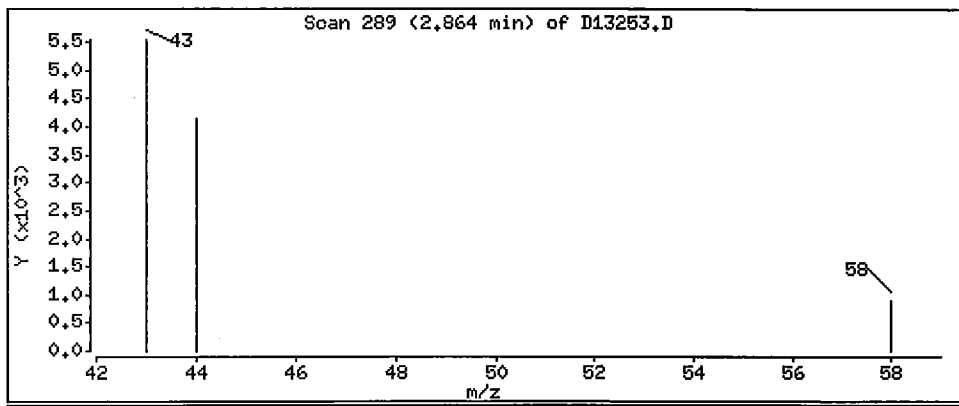
Operator: AD

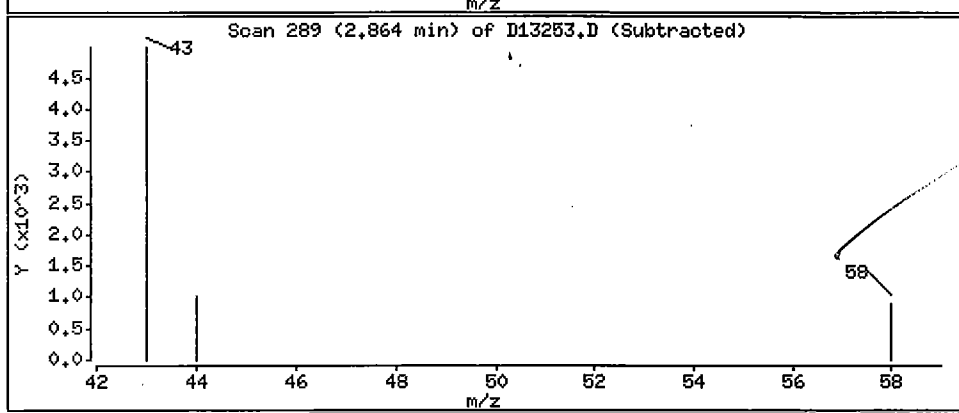
Column phase: J&W DB-624

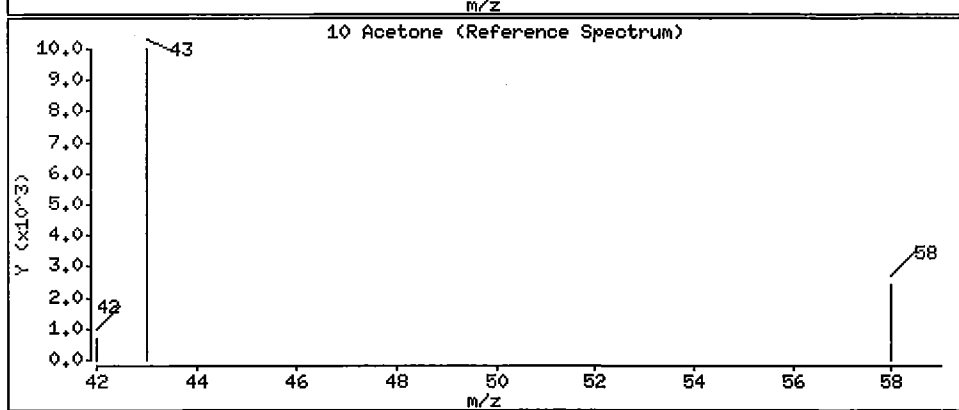
Column diameter: 0.53

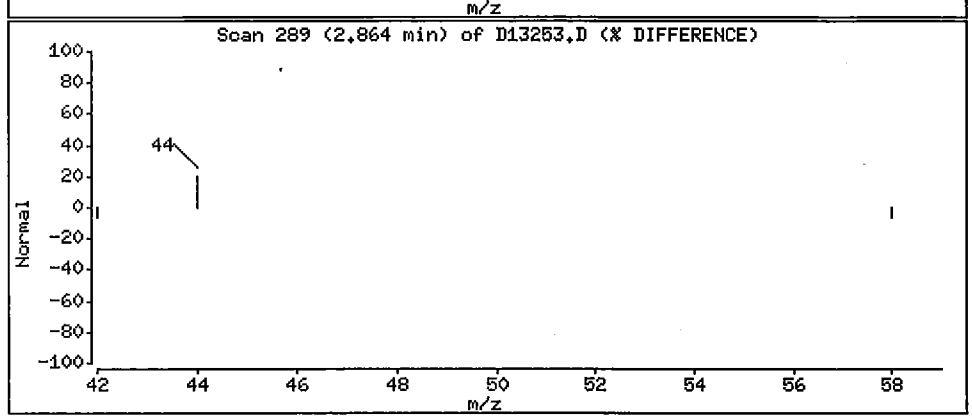
10 Acetone

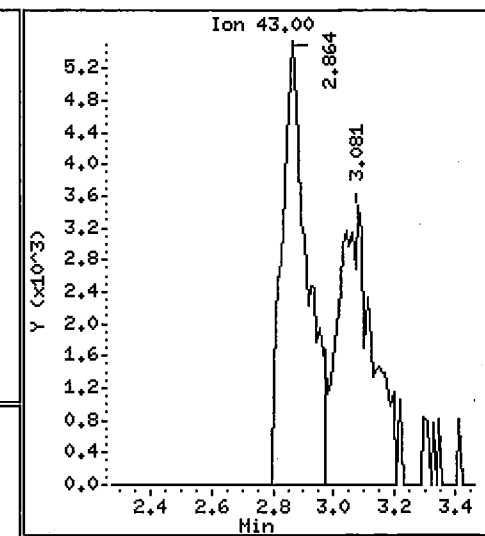
Concentration: 18.17 ug/Kg

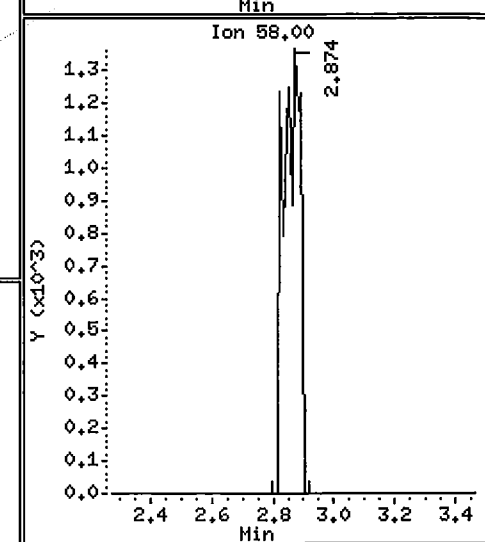












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13253.D

Date : 20-OCT-2000 22:31

Client ID: D13253

Instrument: md.i

Sample Info: MB-1020BD,BLANK,2,,0,1,0,8260BDA.M,D13253

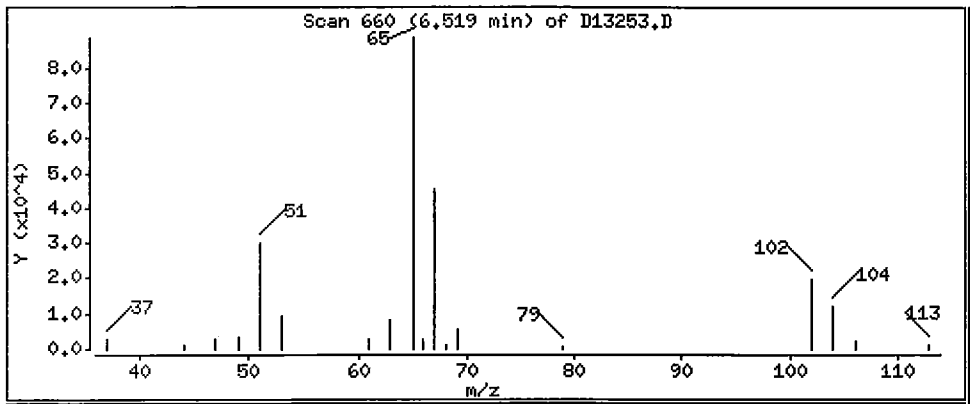
Operator: AD

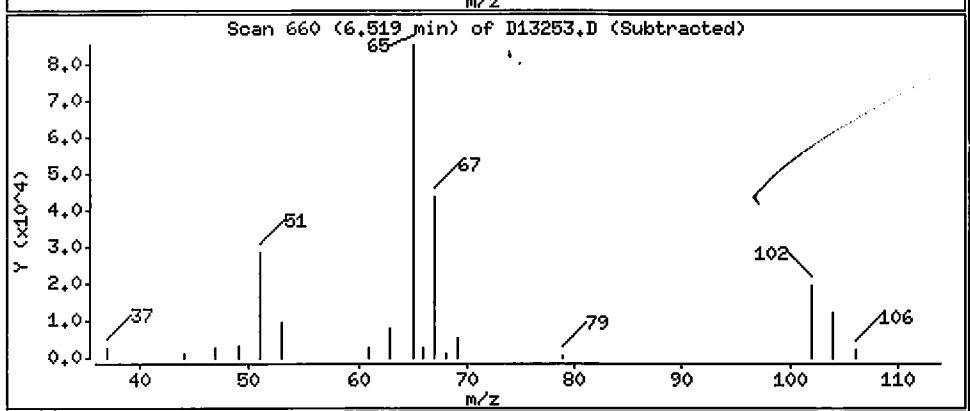
Column phase: J&W DB-624

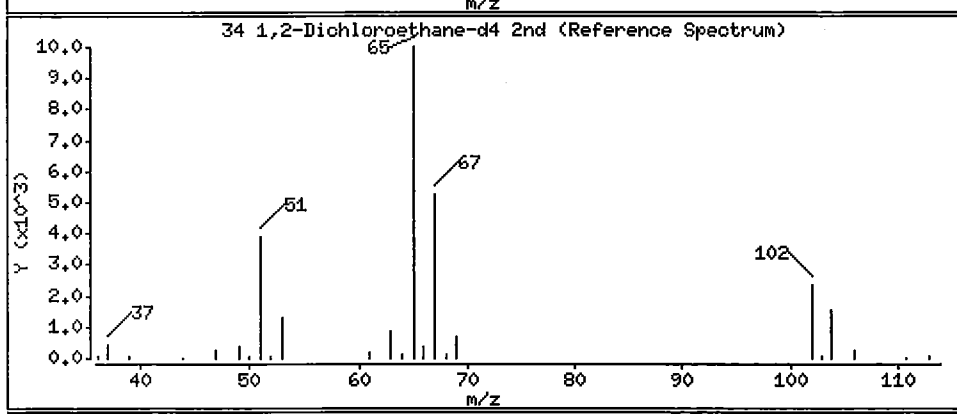
Column diameter: 0.53

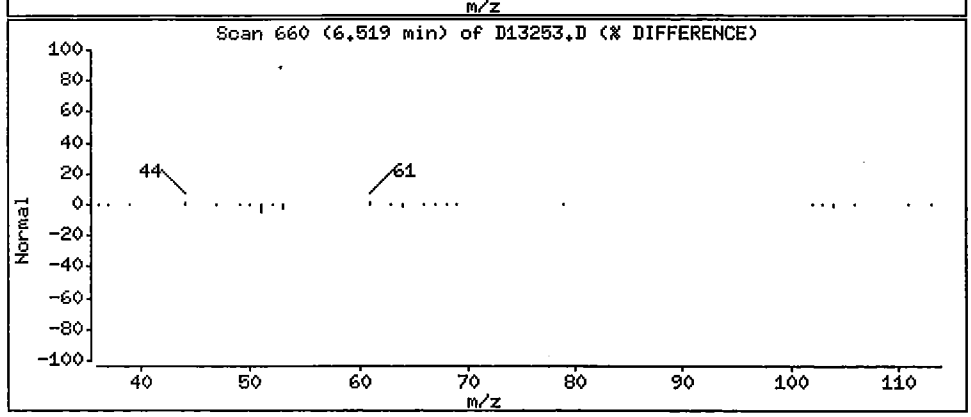
34 1,2-Dichloroethane-d4 2nd

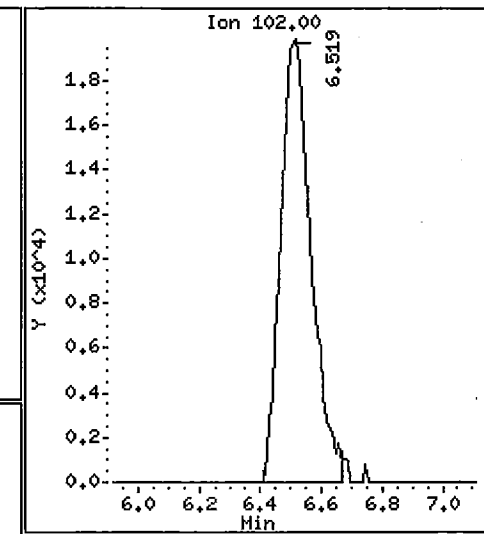
Concentration: 44.50 ug/Kg

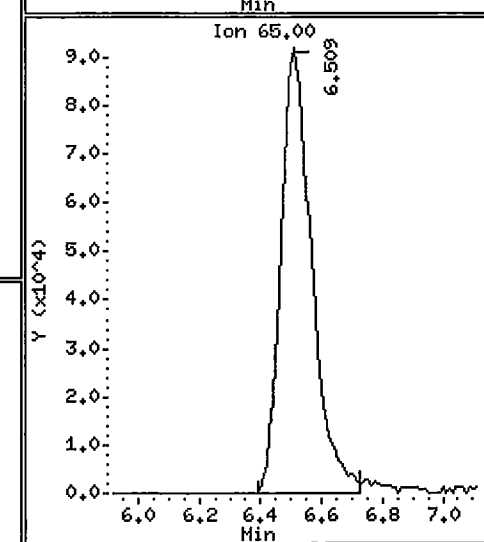












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13253.D

Date : 20-OCT-2000 22:31

Client ID: D13253

Instrument: md.i

Sample Info: MB-1020BD,BLANK,2,,0,1,0,8260BDA.M,D13253

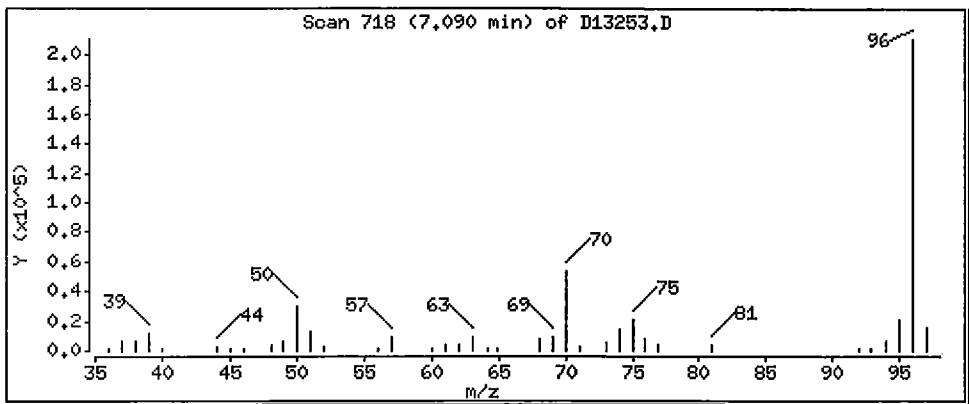
Operator: AD

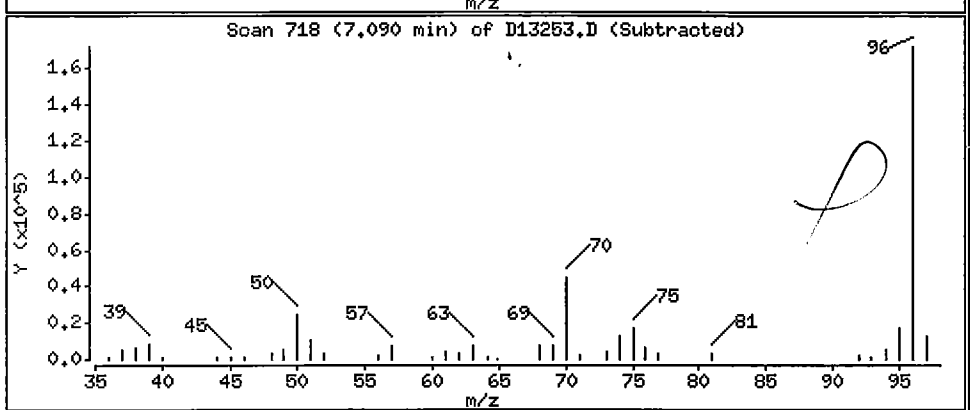
Column phase: J&W DB-624

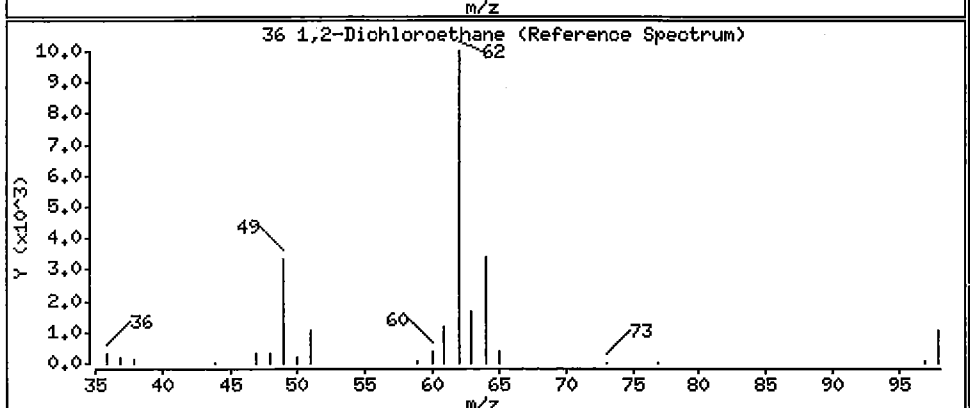
Column diameter: 0.53

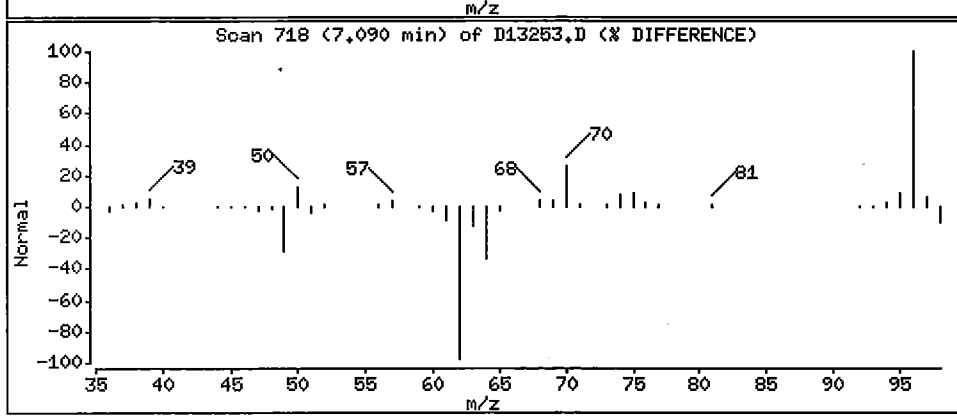
36 1,2-Dichloroethane

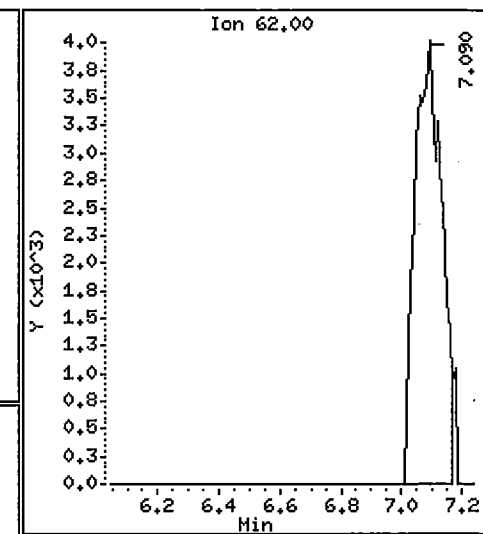
Concentration: 1.46 ug/Kg

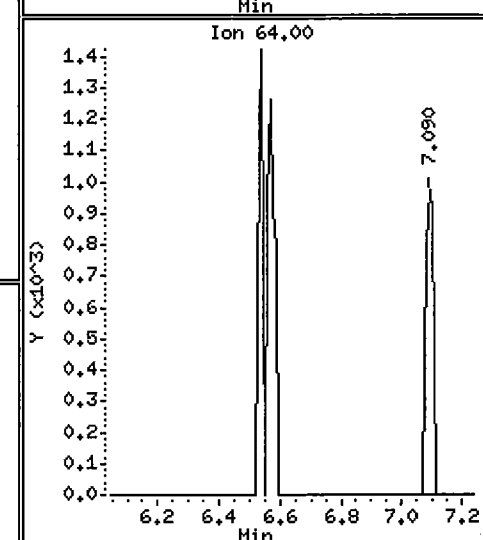


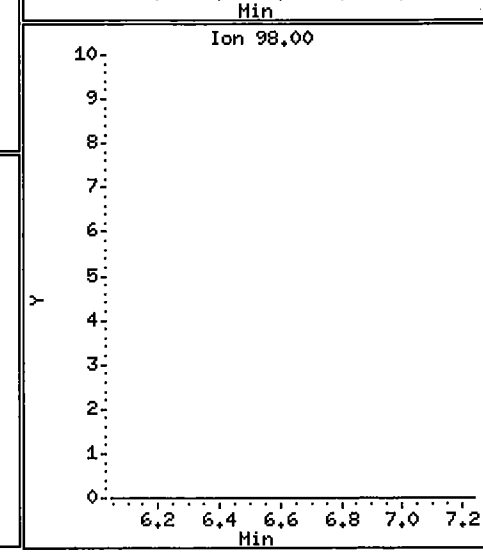












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13253.D

Date : 20-OCT-2000 22:31

Client ID: D13253

Instrument: md.i

Sample Info: MB-1020BD,BLANK,2,,0,1,0,8260BDA.M,D13253

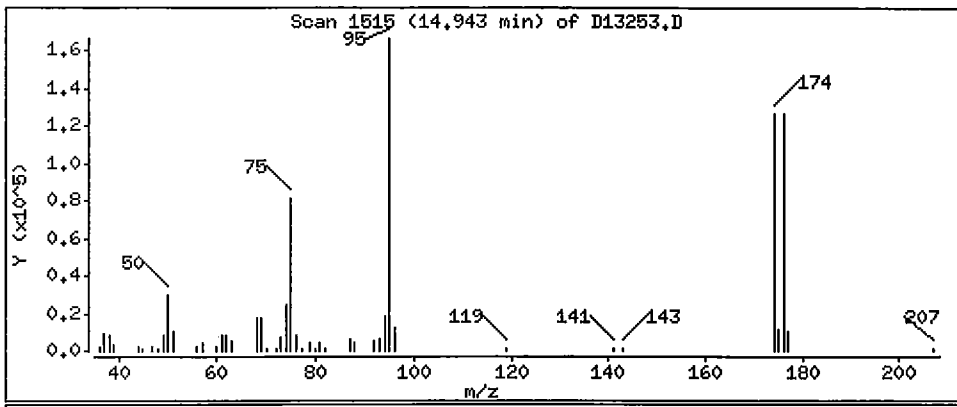
Operator: AD

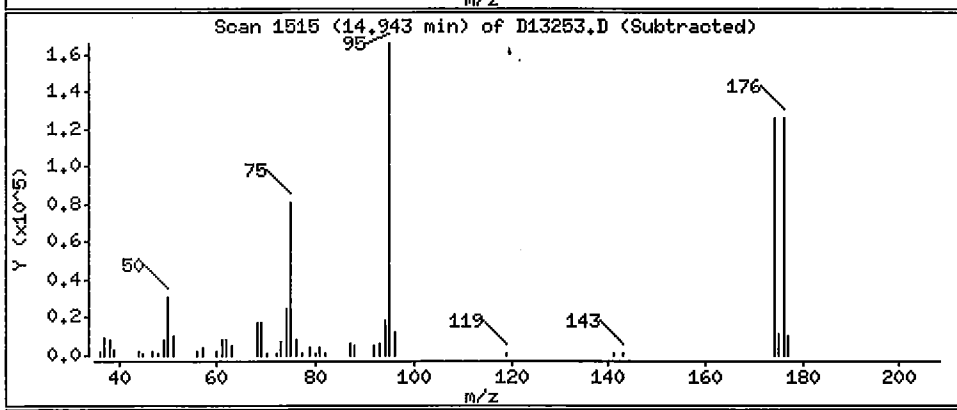
Column phase: J&W DB-624

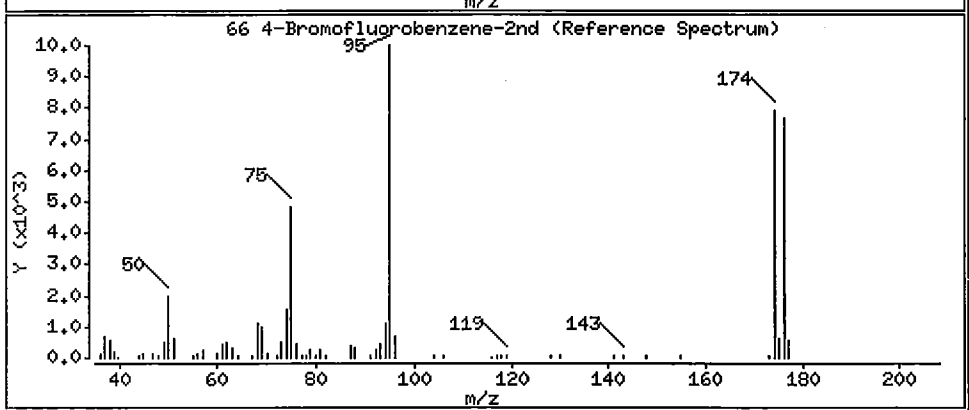
Column diameter: 0.53

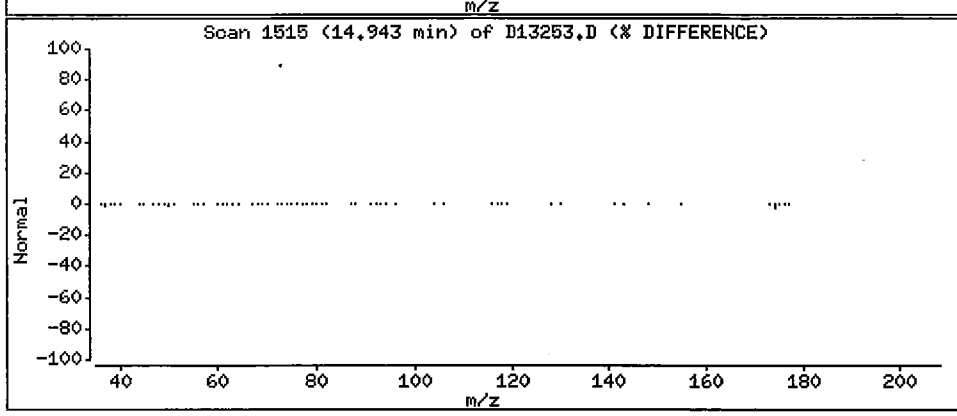
66 4-Bromofluorobenzene-2nd

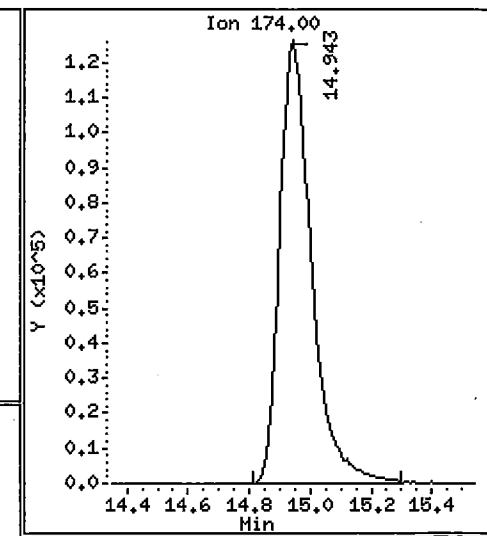
Concentration: 45.81 ug/Kg

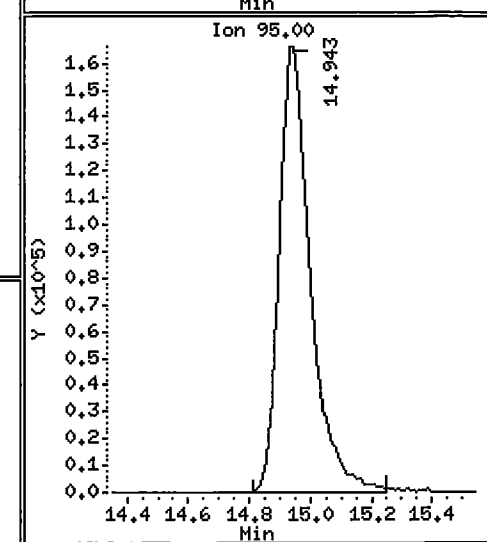


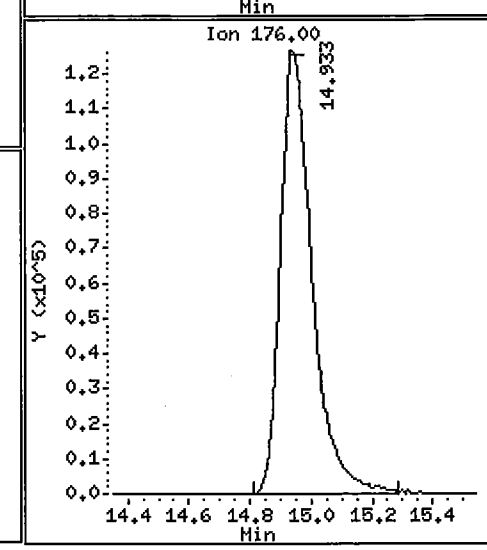












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13253.D

Date : 20-OCT-2000 22:31

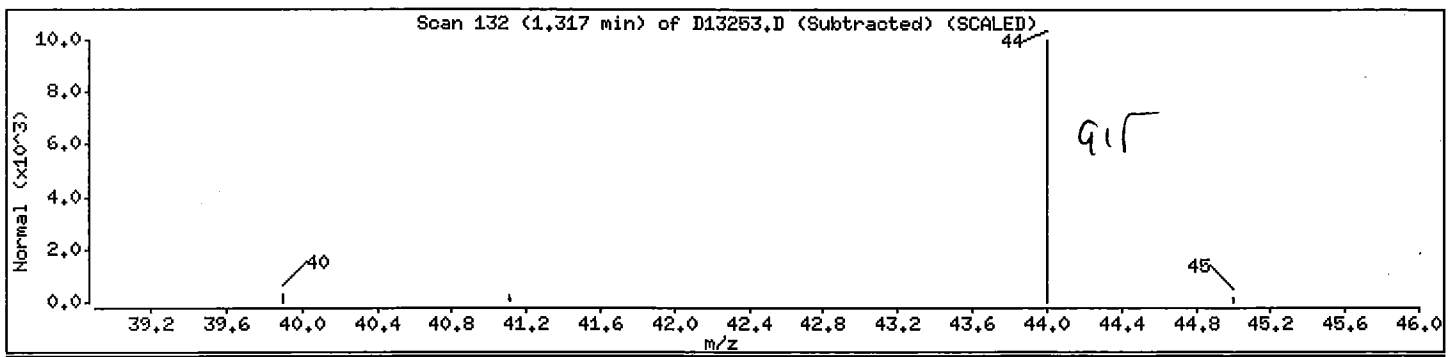
Client ID: D13253 Instrument: md.i

Sample Info: MB-1020BD,BLANK,2,,0,1,0,8260BDA.M,D13253

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13255.D
Lab Smp Id: DLTCA102 Client Smp ID: D13255
Inj Date : 20-OCT-2000 23:35
Operator : AD Inst ID: md.i
Smp Info : DLTCA102,MS,2,,0,1,0,8260BDA.M,D13255
Misc Info : E0J090227-1S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.790	2.781	(0.393)	410358	46.0174	46.02
$ 29 Dibromofluoromethane	111	5.982	5.983	(0.843)	1022171	45.3910	45.39
$ 33 1,2-Dichloroethane-d4	65	6.524	6.525	(0.919)	678689	44.6503	44.65
34 1,2-Dichloroethane-d4 2nd	102	6.524	6.515	(0.919)	128178	41.7982	41.80
35 Benzene	78	6.593	6.594	(0.929)	1283277	47.7632	47.76
* 38 Fluorobenzene	96	7.095	7.096	(1.000)	1583196	50.0000	
39 Trichloroethene	130	7.736	7.727	(1.090)	751670	50.7988	50.80
$ 47 Toluene-d8	98	9.913	9.924	(0.787)	1483133	47.9320	47.93
48 Toluene (*)	91	10.031	10.042	(0.796)	1625905	49.7660	49.76
* 56 Chlorobenzene-d5	117	12.603	12.604	(1.000)	1336624	50.0000	
57 Chlorobenzene (**)	112	12.662	12.663	(1.005)	1344403	51.1852	51.18
$ 67 4-Bromofluorobenzene	95	14.938	14.948	(0.866)	1212039	45.7119	45.71
66 4-Bromofluorobenzene-2nd	174	14.948	14.948	(0.866)	952316	47.9370	47.94
* 79 1,4-Dichlorobenzene-d4	152	17.253	17.264	(1.000)	997691	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13255.D

Date : 20-OCT-2000 23:35

Client ID: D13255

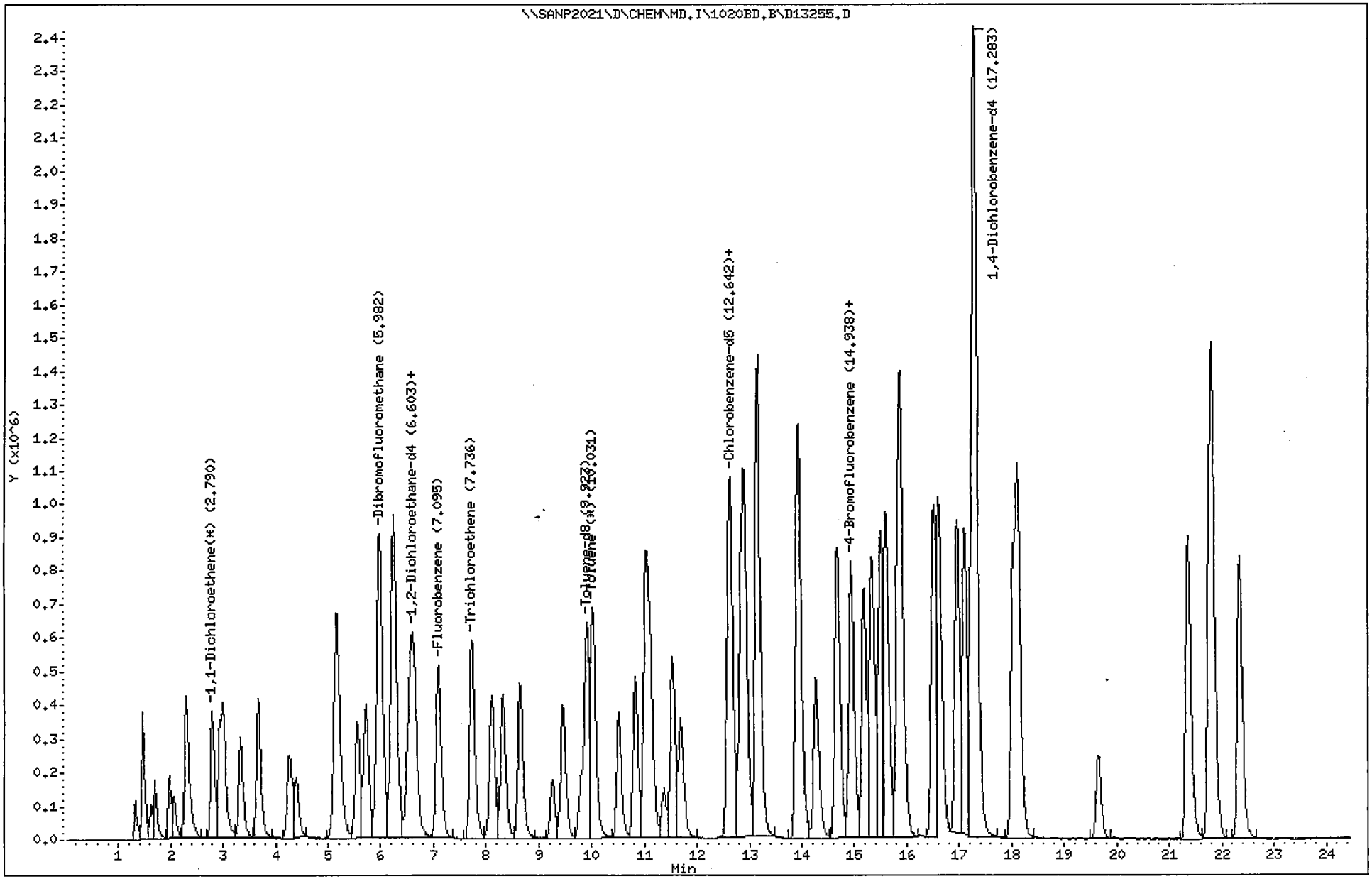
Sample Info: DLTCA102,MS,2,,0,1,0,8260BDA.M,D13255

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



BOE-C6-0150840

000417

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13256.D
Lab Smp Id: DLTCA103 Client Smp ID: D13256
Inj Date : 21-OCT-2000 00:07
Operator : AD Inst ID: md.i
Smp Info : DLTCA103,MSD,2,,0,1,0,8260BDA.M,D13256
Misc Info : E0J090227-1S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

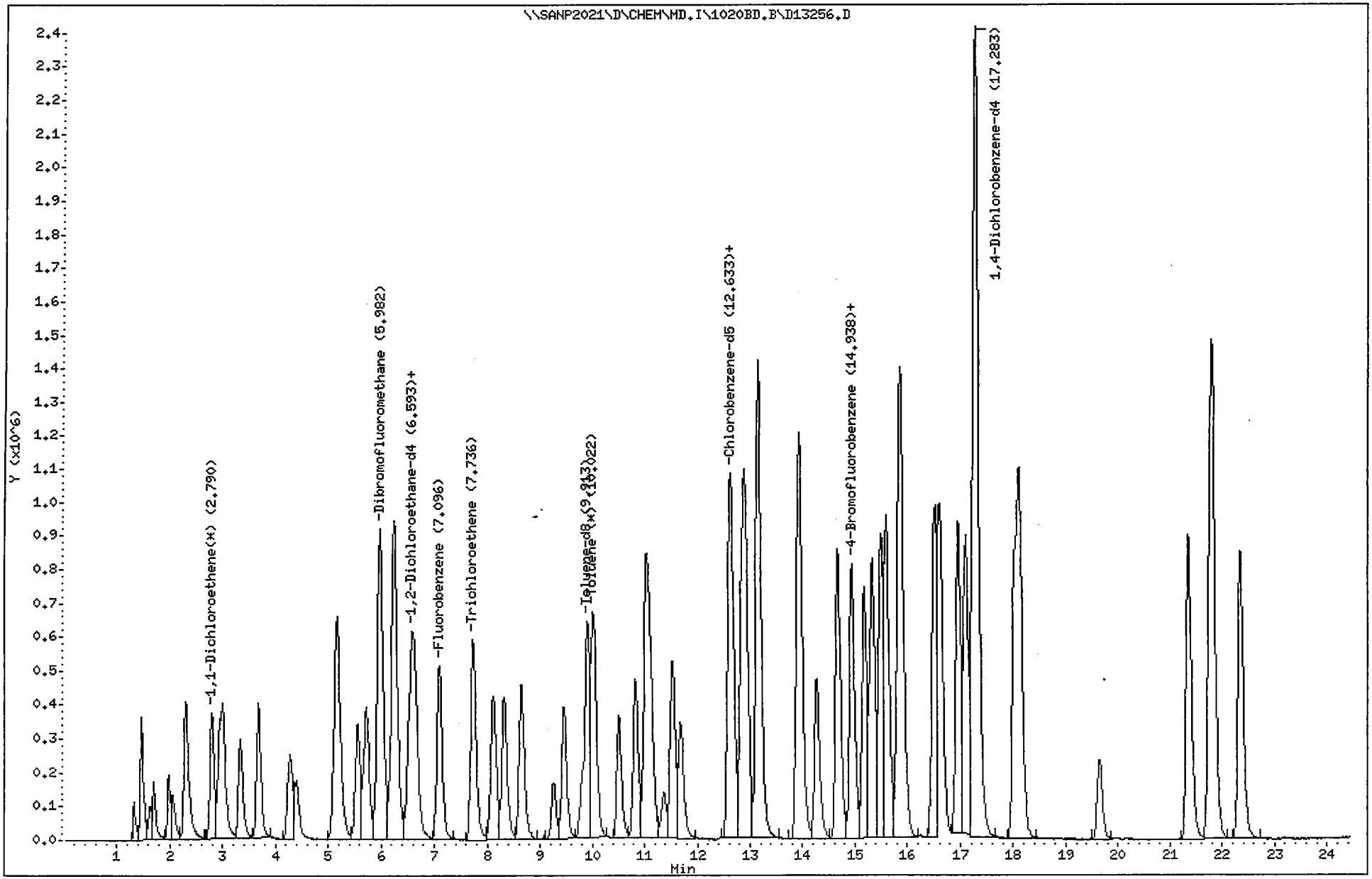
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.790	2.781	(0.393)	418367	47.1291	47.13
$ 29 Dibromofluoromethane	111	5.982	5.983	(0.843)	997802	44.5106	44.51
$ 33 1,2-Dichloroethane-d4	65	6.514	6.525	(0.918)	688947	45.5315	45.53
34 1,2-Dichloroethane-d4 2nd	102	6.524	6.515	(0.919)	146658	48.0421	48.04
35 Benzene	78	6.593	6.594	(0.929)	1269993	47.4840	47.48
* 38 Fluorobenzene	96	7.096	7.096	(1.000)	1576020	50.0000	
39 Trichloroethene	130	7.736	7.727	(1.090)	778412	52.8456	52.84
$ 47 Toluene-d8	98	9.913	9.924	(0.787)	1465760	46.3638	46.36
48 Toluene (*)	91	10.041	10.042	(0.797)	1578101	47.2762	47.28
* 56 Chlorobenzene-d5	117	12.603	12.604	(1.000)	1365648	50.0000	
57 Chlorobenzene (**)	112	12.662	12.663	(1.005)	1335843	49.7785	49.78
$ 67 4-Bromofluorobenzene	95	14.948	14.948	(0.867)	1211694	45.7520	45.75
66 4-Bromofluorobenzene-2nd	174	14.938	14.948	(0.866)	940677	47.4062	47.41
* 79 1,4-Dichlorobenzene-d4	152	17.243	17.264	(1.000)	996533	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13256.D
Date : 21-OCT-2000 00:07
Client ID: D13256
Sample Info: DLTCA103,MSD,2,,0,1,0,8260BDA.M,D13256

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



BOE-C6-0150842

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13254.D
Lab Smp Id: DLTCA101 Client Smp ID: D13254
Inj Date : 20-OCT-2000 23:03
Operator : AD Inst ID: md.i
Smp Info : DLTCA101,,2,,0,1,0,8260BDA.M,D13254
Misc Info : E0J090227-1,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.869	2.870	(0.404)	25732	15.3281	15.33(Q)
$ 29 Dibromofluoromethane	111	5.992	5.983	(0.844)	1006448	46.6625	46.66
$ 33 1,2-Dichloroethane-d4	65	6.524	6.525	(0.919)	642983	44.1655	44.16
34 1,2-Dichloroethane-d4 2nd	102	6.514	6.515	(0.918)	133749	45.5369	45.54
36 1,2-Dichloroethane	62	7.105	6.643	(1.001)	23901	1.47496	1.47(aQ)
* 38 Fluorobenzene	96	7.095	7.096	(1.000)	1516369	50.0000	
$ 47 Toluene-d8	98	9.923	9.924	(0.787)	1434528	45.5866	45.59
* 56 Chlorobenzene-d5	117	12.612	12.604	(1.000)	1359334	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.947	14.948	(0.866)	894055	46.4998	46.50
$ 67 4-Bromofluorobenzene	95	14.937	14.948	(0.866)	1140568	44.4458	44.44
* 79 1,4-Dichlorobenzene-d4	152	17.253	17.264	(1.000)	965605	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13254.D
Lab Smp Id: DLTCA101 Client Smp ID: D13254
Inj Date : 20-OCT-2000 23:03
Operator : AD Inst ID: md.i
Smp Info : DLTCA101,,2,,0,1,0,8260BDA.M,D13254
Misc Info : E0J090227-1,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.095	3538718	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	514427	7.26854403	7.27	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTCA101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13254
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ alk	1.322	7.27	J

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13254.D

Date : 20-OCT-2000 23:03

Client ID: D13254

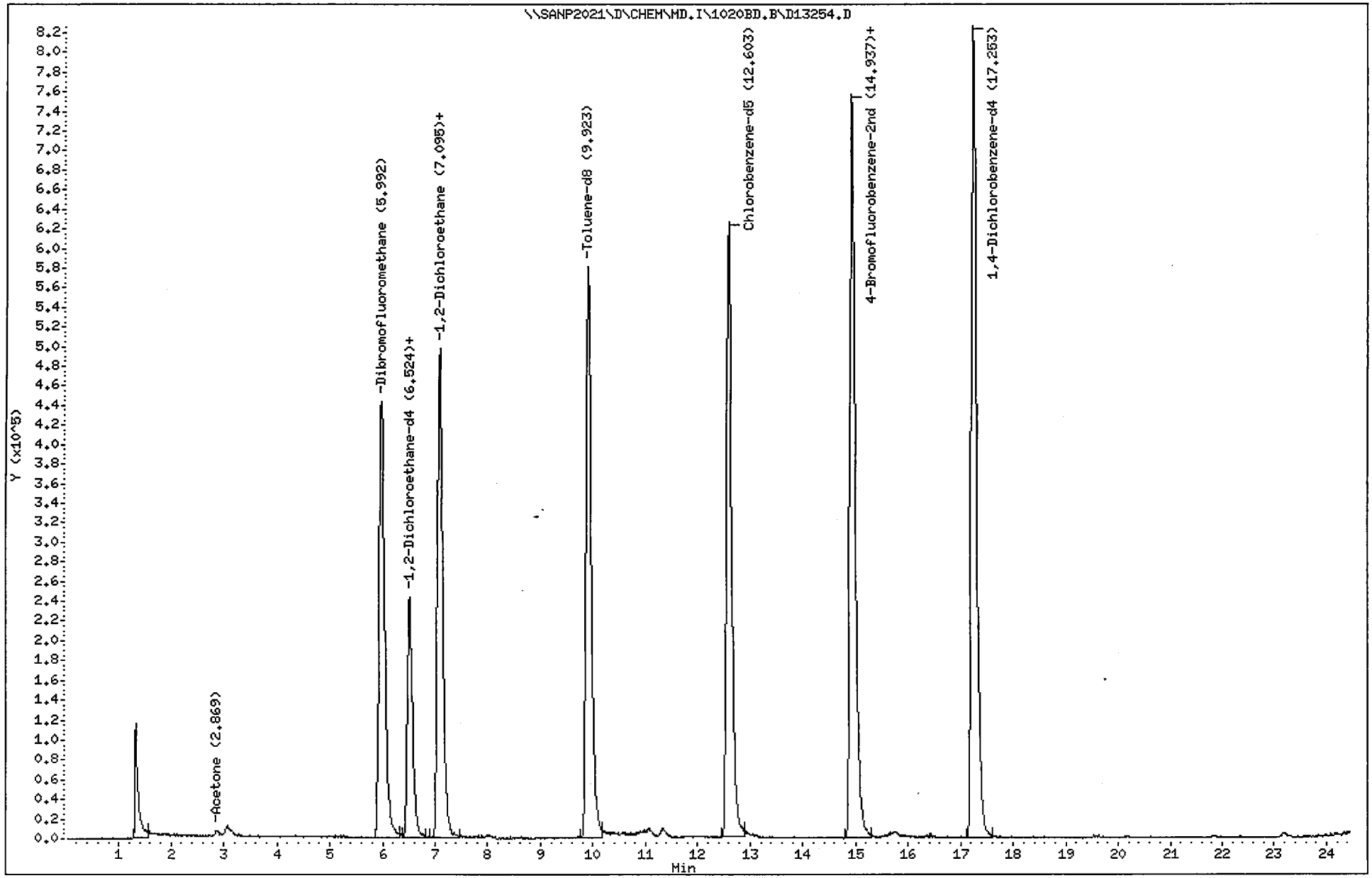
Sample Info: DLTCA101,,2,,0,1,0,8260BDA.M,D13254

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



000424

BOE-C6-0150847

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13254.D

Date : 20-OCT-2000 23:03

Client ID: D13254

Instrument: md.i

Sample Info: DLTCA101,,2,,0,1,0,8260BDA.M,D13254

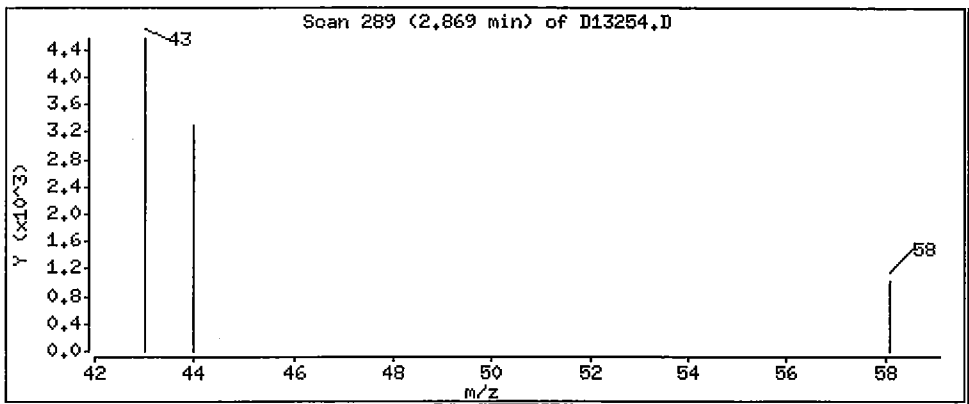
Operator: AD

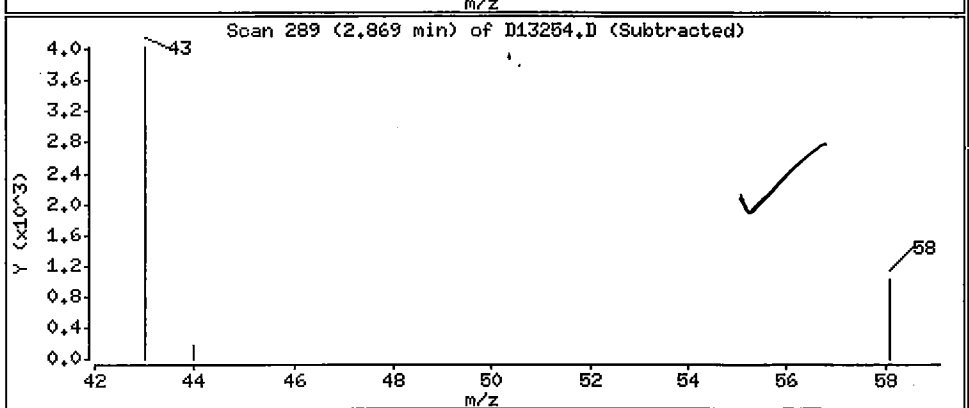
Column phase: J&W DB-624

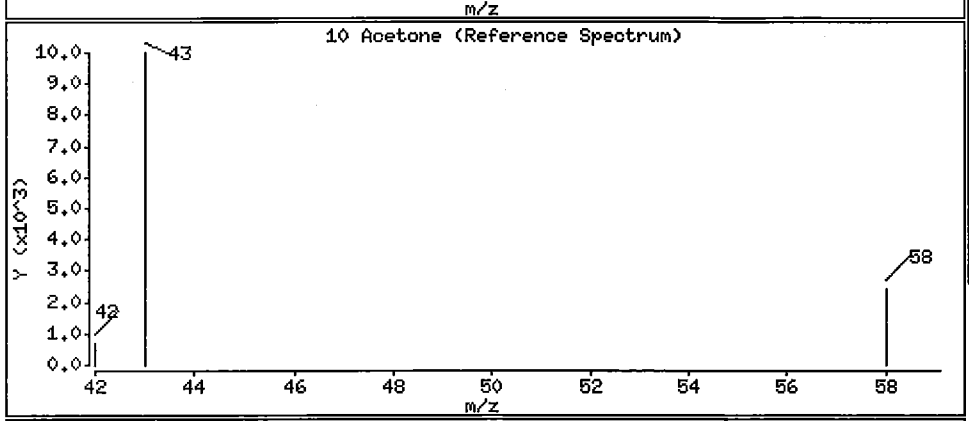
Column diameter: 0.53

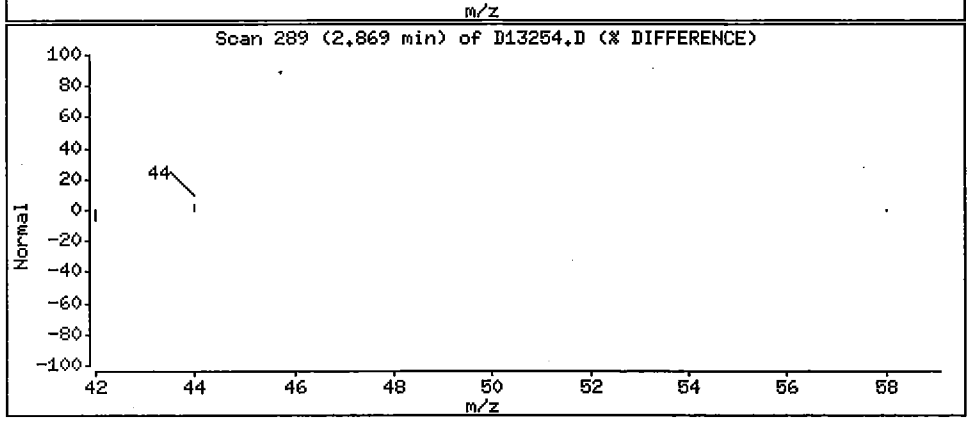
10 Acetone

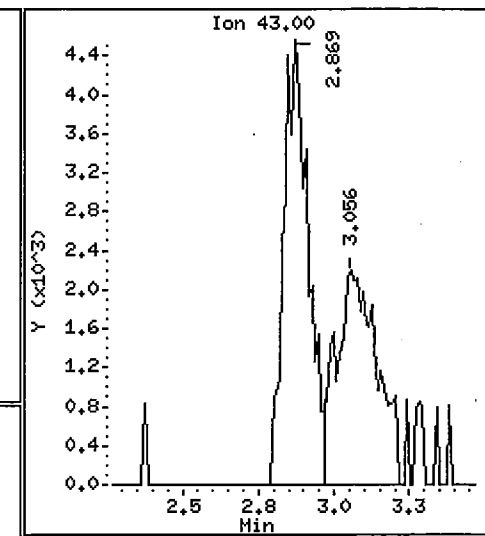
Concentration: 15.33 ug/Kg

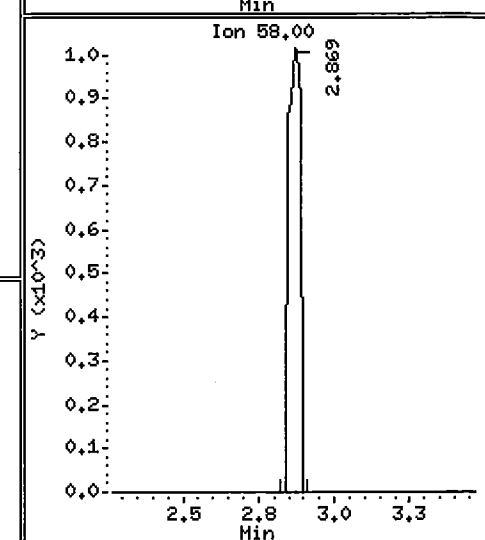












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13254.D

Date : 20-OCT-2000 23:03

Client ID: D13254

Instrument: md.i

Sample Info: DLTCA101,,2,,0,1,0,8260BDA.M,D13254

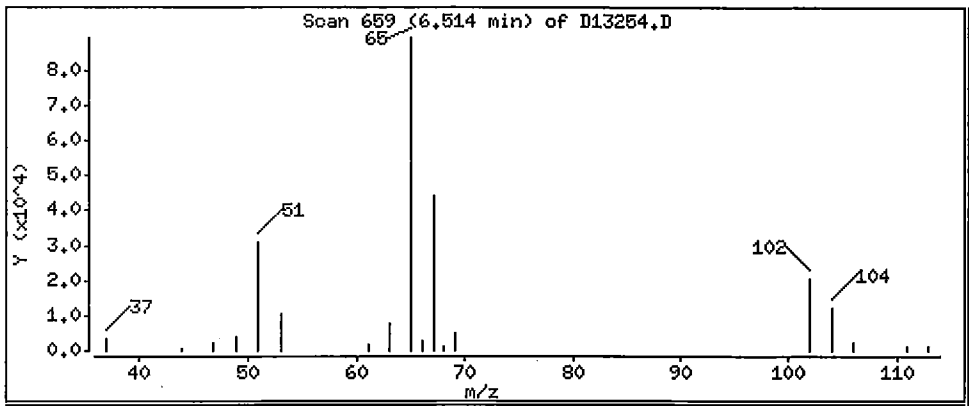
Operator: AD

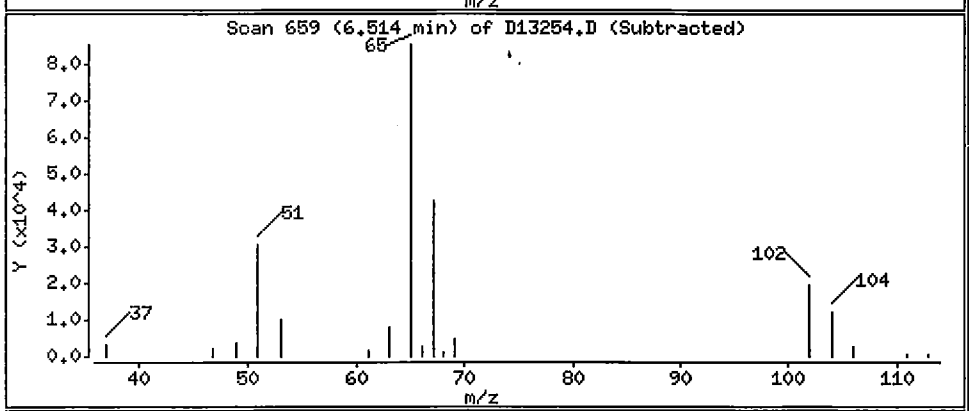
Column phase: J&W DB-624

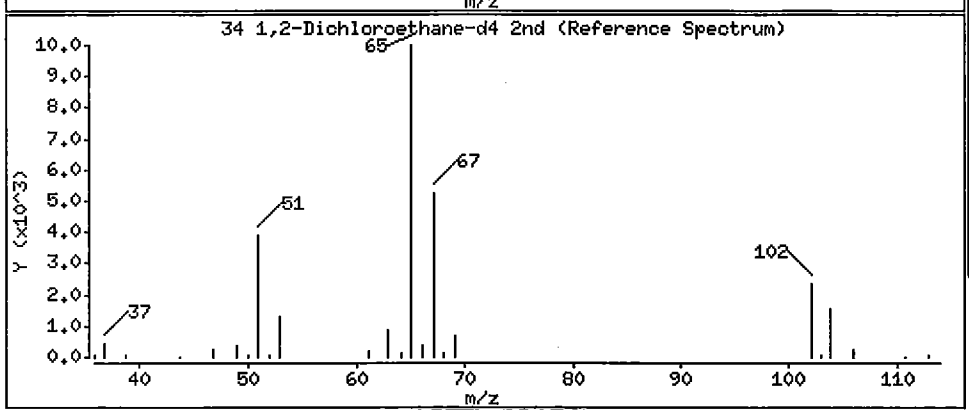
Column diameter: 0.53

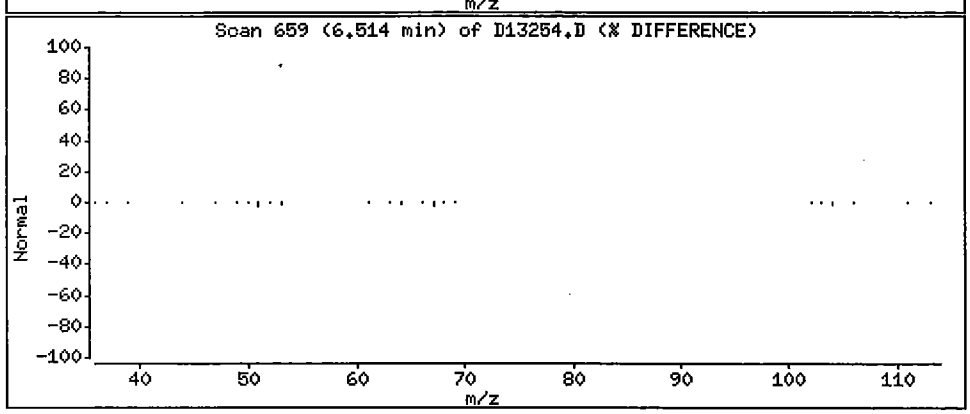
34 1,2-Dichloroethane-d4 2nd

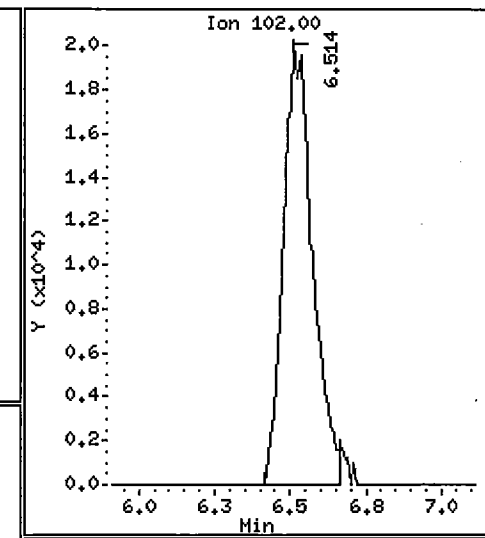
Concentration: 45.54 ug/Kg

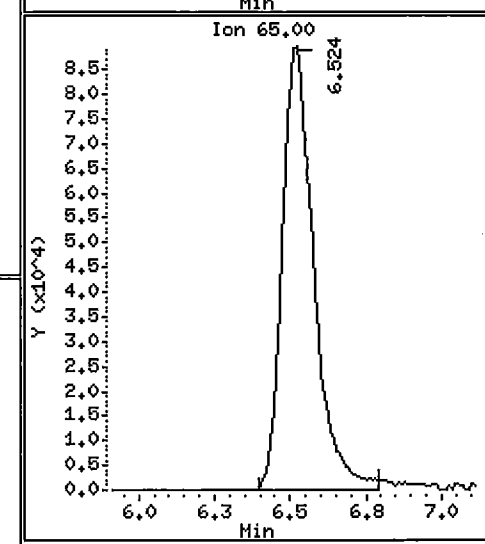












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13254.D

Date : 20-OCT-2000 23:03

Client ID: D13254

Instrument: md.i

Sample Info: DLTCA101,,2,,0,1,0,8260BDA.M,D13254

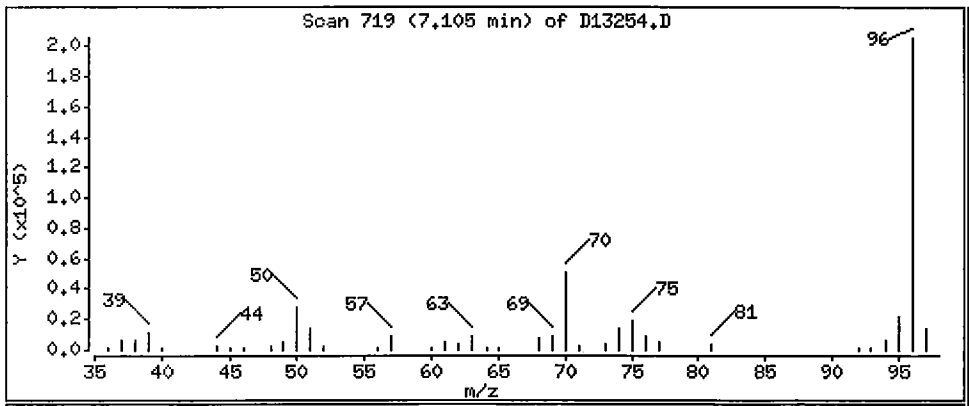
Operator: AD

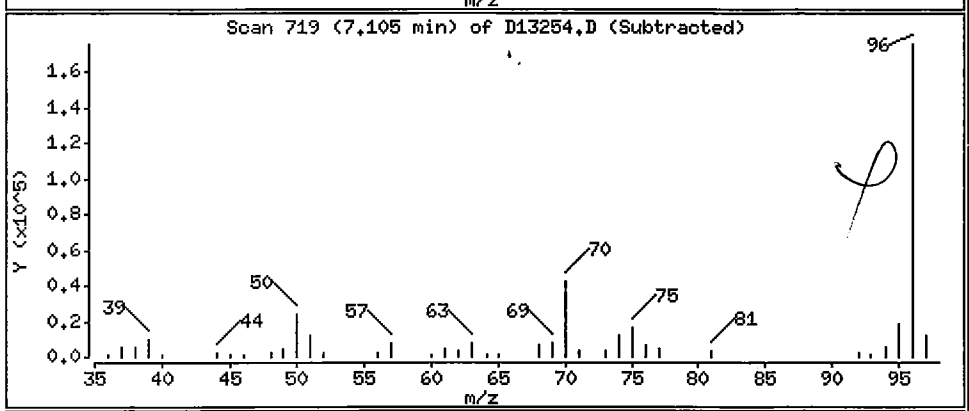
Column phase: J&W DB-624

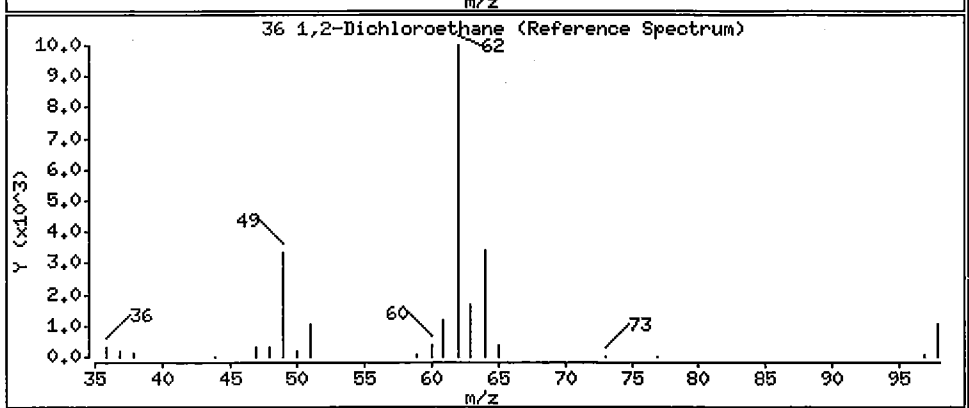
Column diameter: 0.53

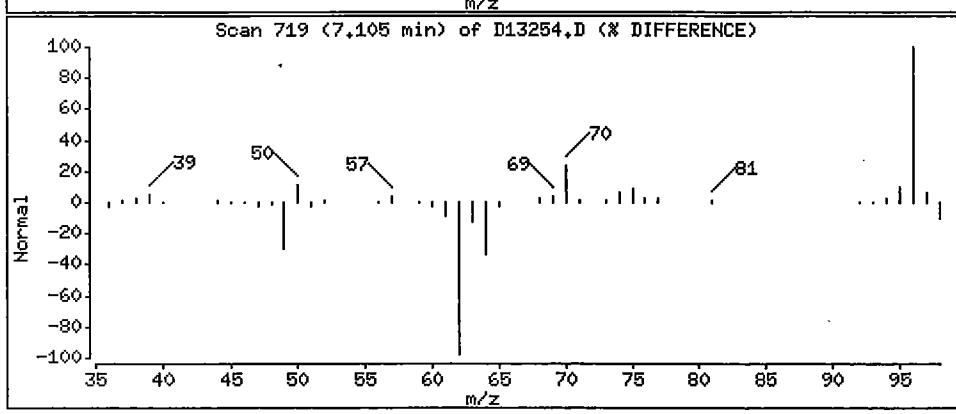
36 1,2-Dichloroethane

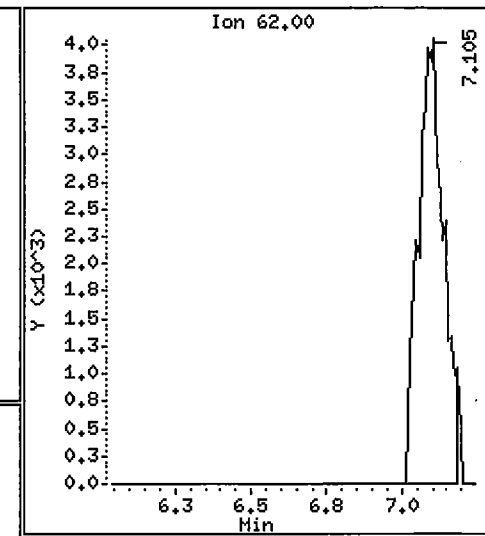
Concentration: 1.47 ug/Kg

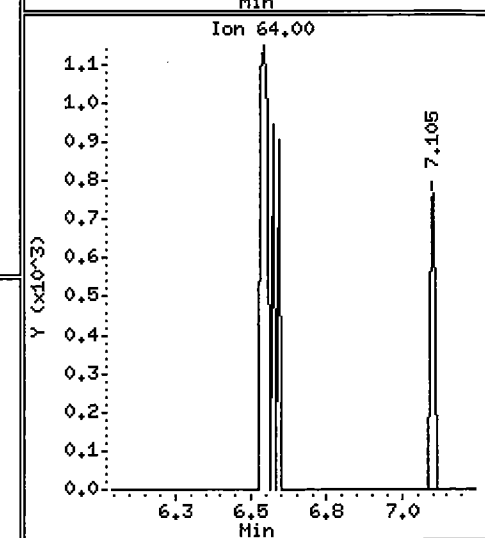


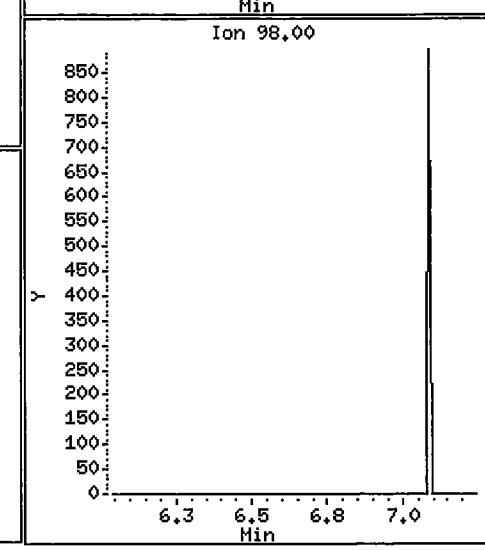












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13254.D

Date : 20-OCT-2000 23:03

Client ID: D13254

Instrument: md.i

Sample Info: DLTCA101,,2,,0,1,0,8260BDA.M,D13254

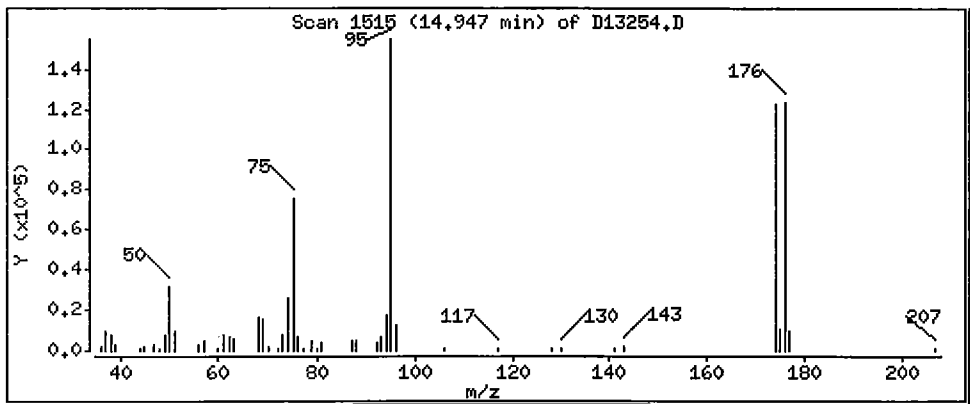
Operator: AD

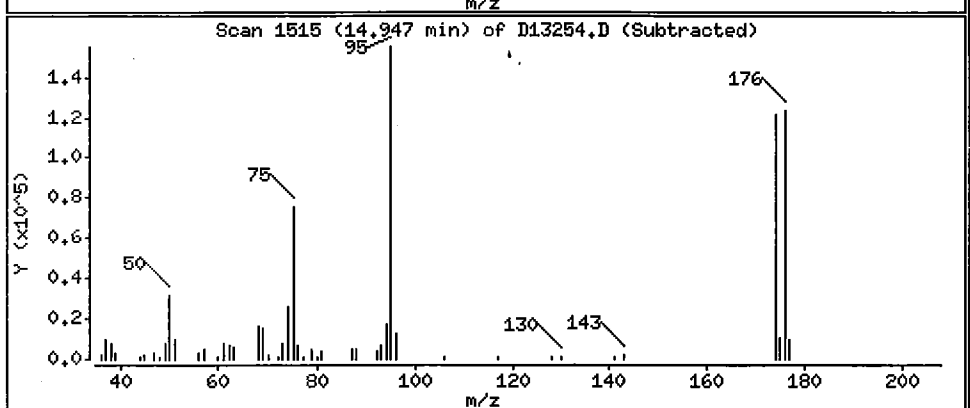
Column phase: J&W DB-624

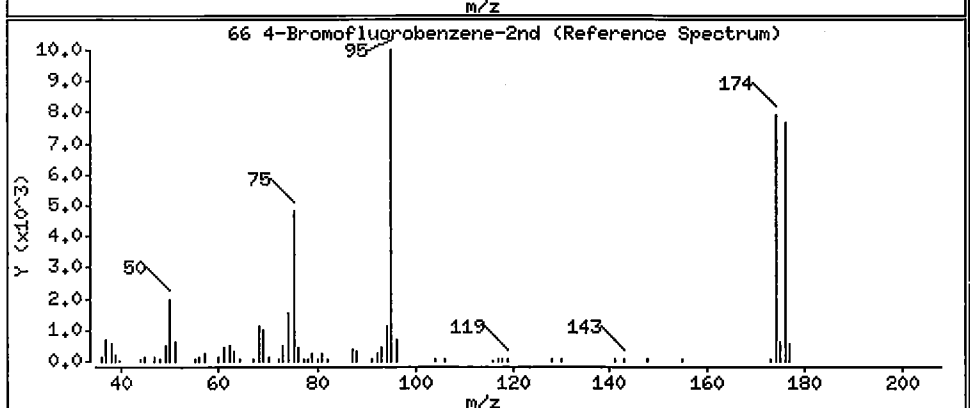
Column diameter: 0.53

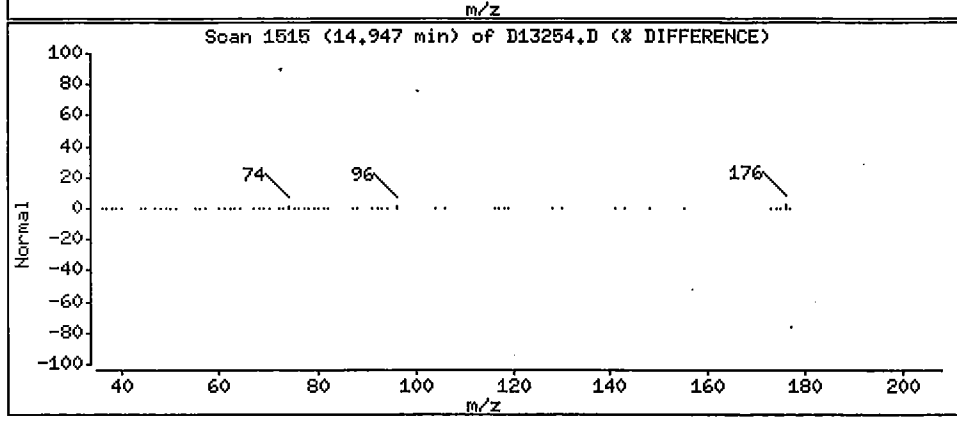
66 4-Bromofluorobenzene-2nd

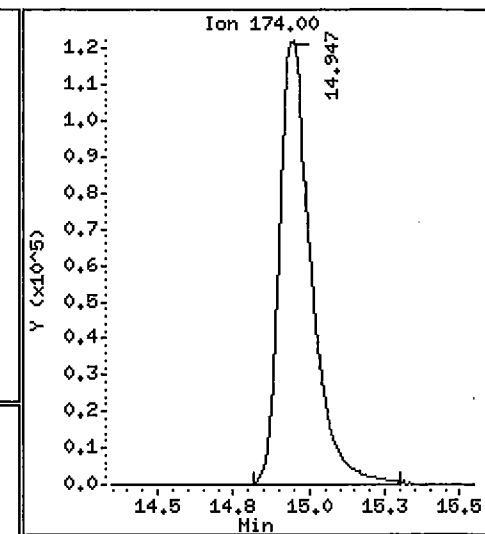
Concentration: 46.50 ug/Kg

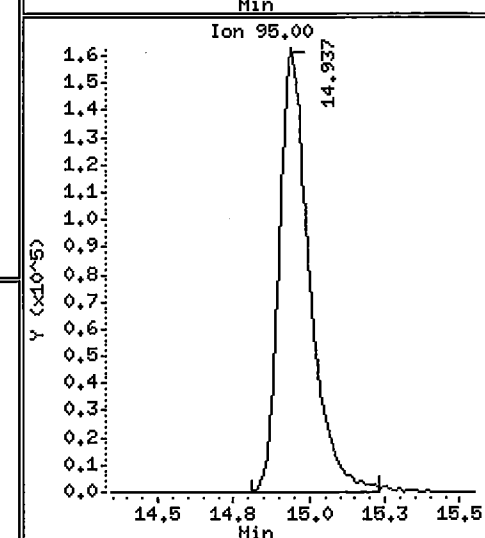


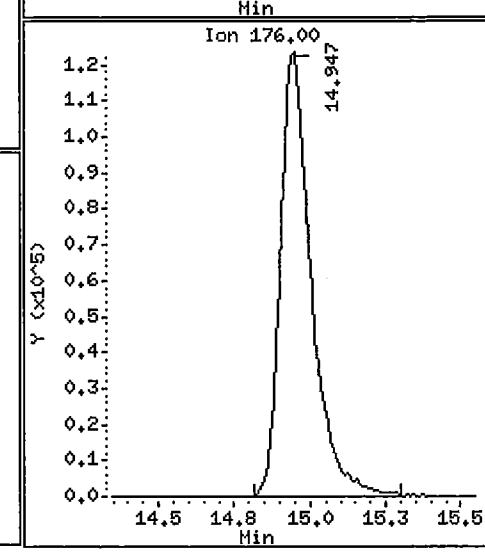












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13254.D

Date : 20-OCT-2000 23:03

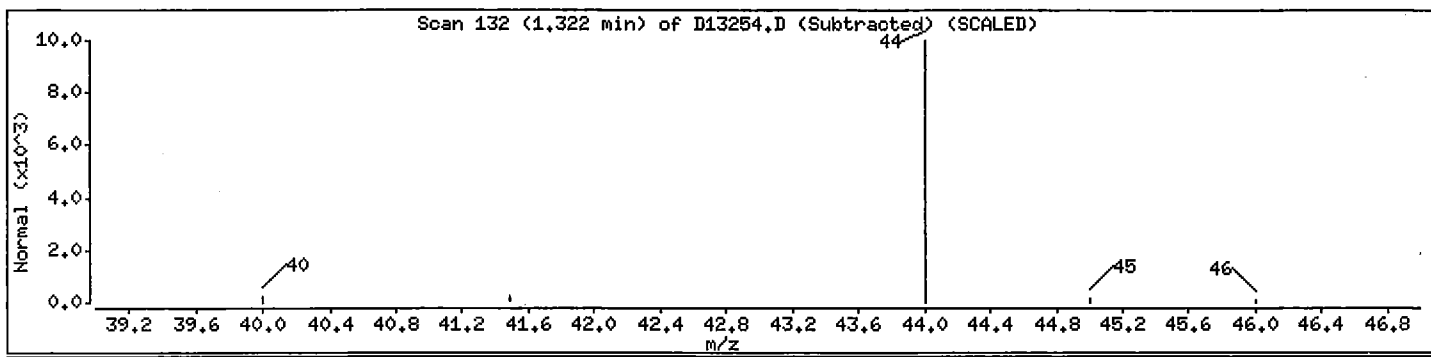
Client ID: D13254 Instrument: md.i

Sample Info: DLTCA101,,2,,0,1,0,8260BDA.M,D13254

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13257.D
Lab Smp Id: DLTCE101 Client Smp ID: D13257
Inj Date : 21-OCT-2000 00:39
Operator : AD Inst ID: md.i
Smp Info : DLTCE101,,2,,0,1,0,8260BDA.M,D13257
Misc Info : E0J090227-2,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.854	2.870	(0.402)	14653	8.76325	8.76
$ 29 Dibromofluoromethane	111	5.997	5.983	(0.846)	949666	44.2025	44.20
$ 33 1,2-Dichloroethane-d4	65	6.519	6.525	(0.919)	596448	41.1297	41.13
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.515	(0.919)	125738	42.9772	42.98
* 38 Fluorobenzene	96	7.090	7.096	(1.000)	1510447	50.0000	
$ 47 Toluene-d8	98	9.908	9.924	(0.786)	1385015	45.5352	45.54
* 56 Chlorobenzene-d5	117	12.608	12.604	(1.000)	1313900	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.933	14.948	(0.866)	867247	46.5699	46.57
$ 67 4-Bromofluorobenzene	95	14.943	14.948	(0.866)	1118852	45.0151	45.02
* 79 1,4-Dichlorobenzene-d4	152	17.248	17.264	(1.000)	935241	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13257.D
Lab Smp Id: DLTCE101 Client Smp ID: D13257
Inj Date : 21-OCT-2000 00:39
Operator : AD Inst ID: md.i
Smp Info : DLTCE101,,2,,0,1,0,8260BDA.M,D13257
Misc Info : E0J090227-2,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.090	3431500	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	568370	8.28165499	8.28	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTCE101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13257
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.317	8.28	J

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13257.D

Date : 21-OCT-2000 00:39

Client ID: D13257

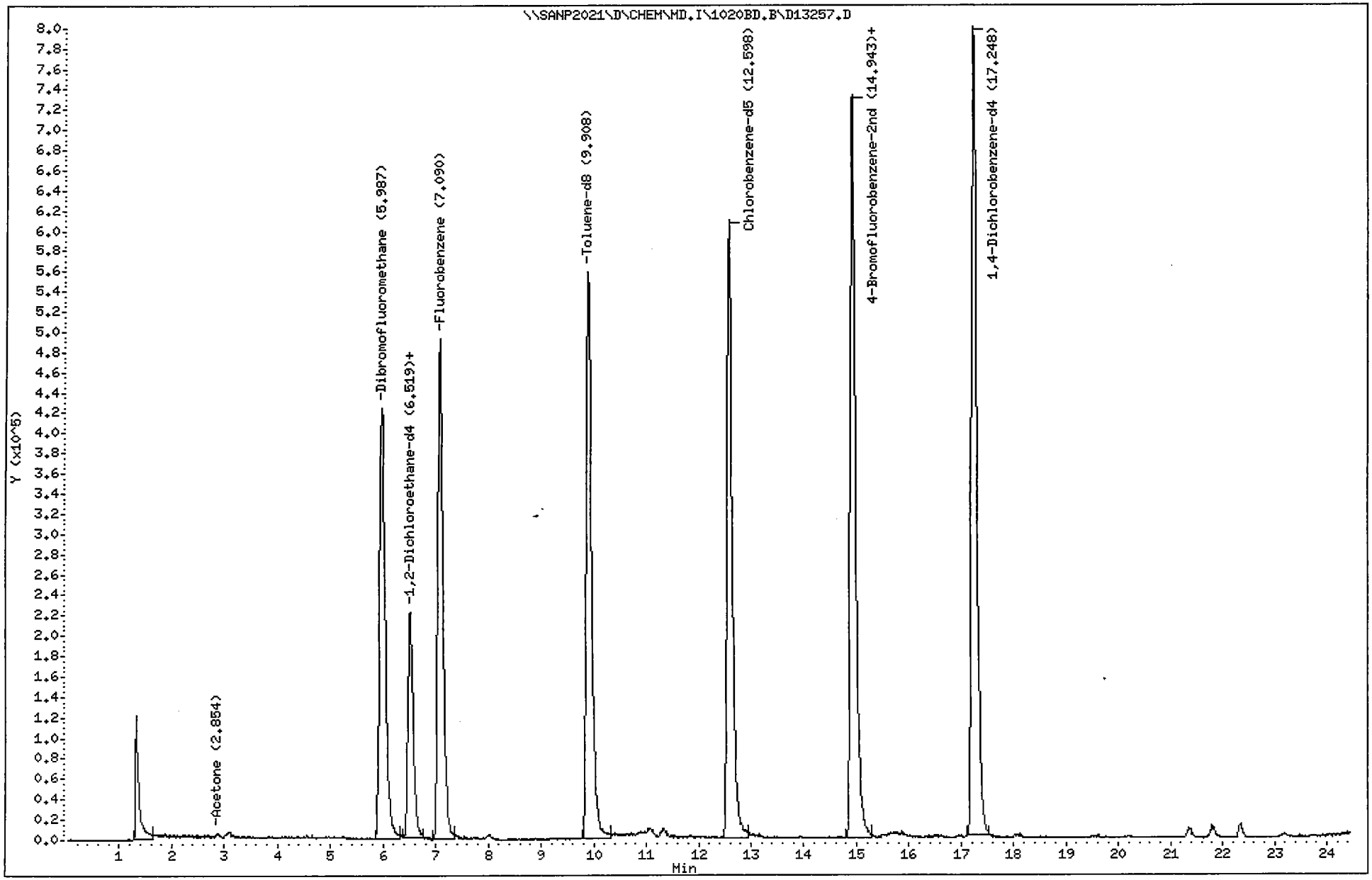
Sample Info: DLTCE101,,2,,0,1,0,8260BDA.M,D13257

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



000434

BOE-C6-0150857

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13257.D

Date : 21-OCT-2000 00:39

Client ID: D13257

Instrument: md.i

Sample Info: DLTCE101,,2,,0,1,0,8260BDA.M,D13257

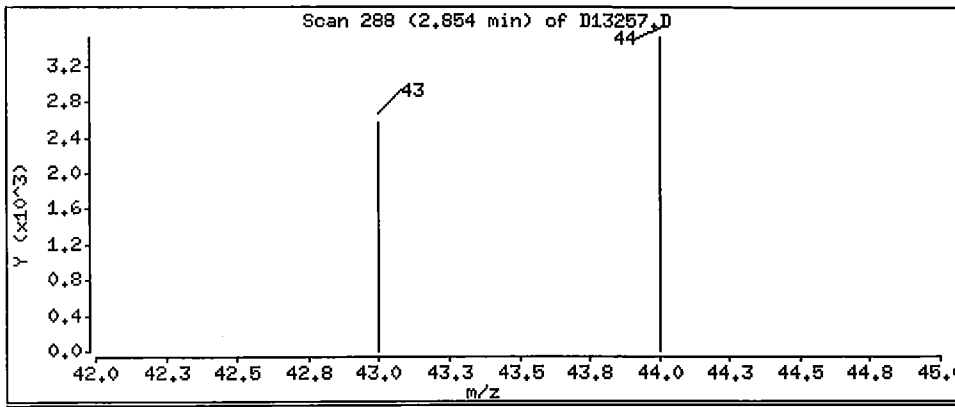
Operator: AD

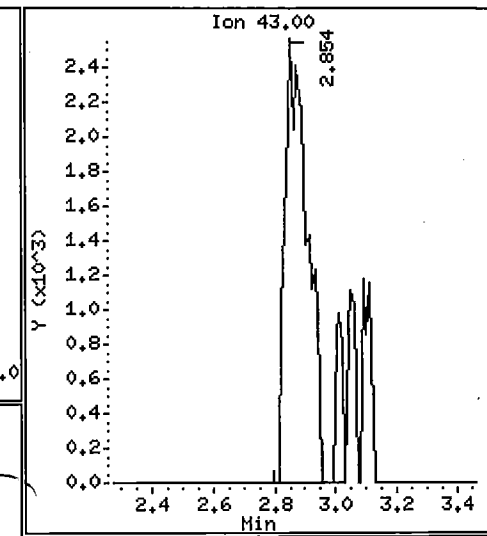
Column phase: J&W DB-624

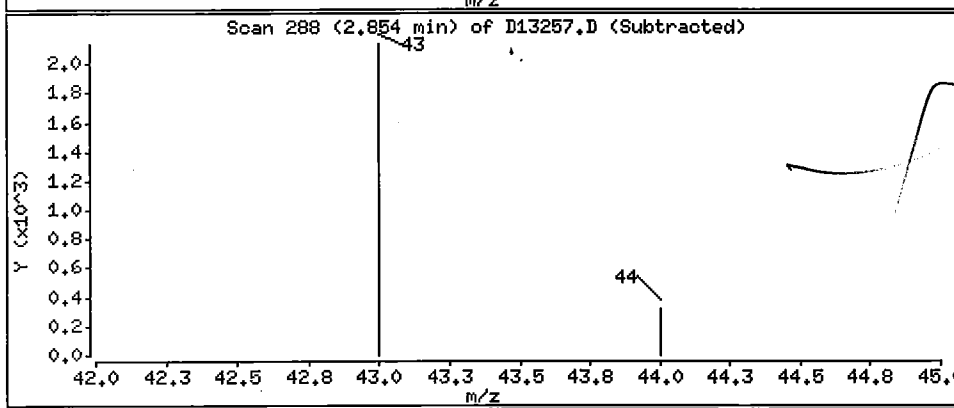
Column diameter: 0.53

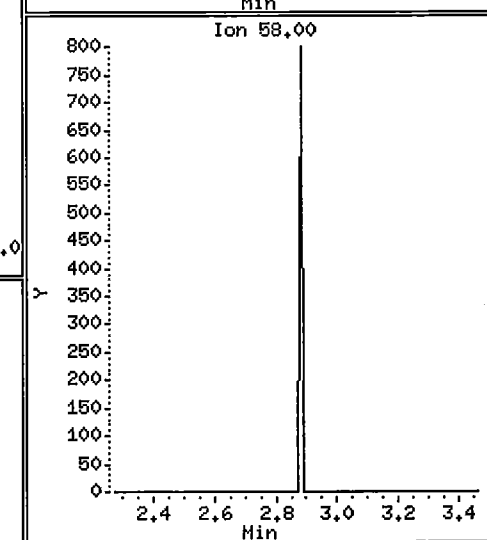
10 Acetone

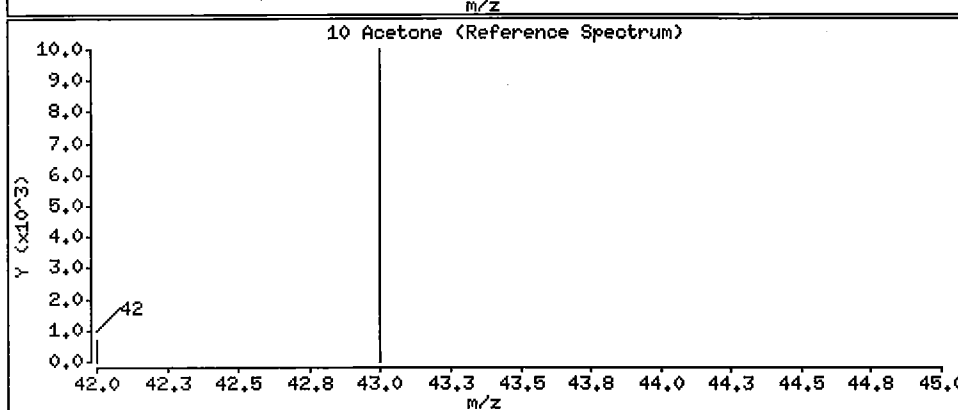
Concentration: 8.76 ug/Kg

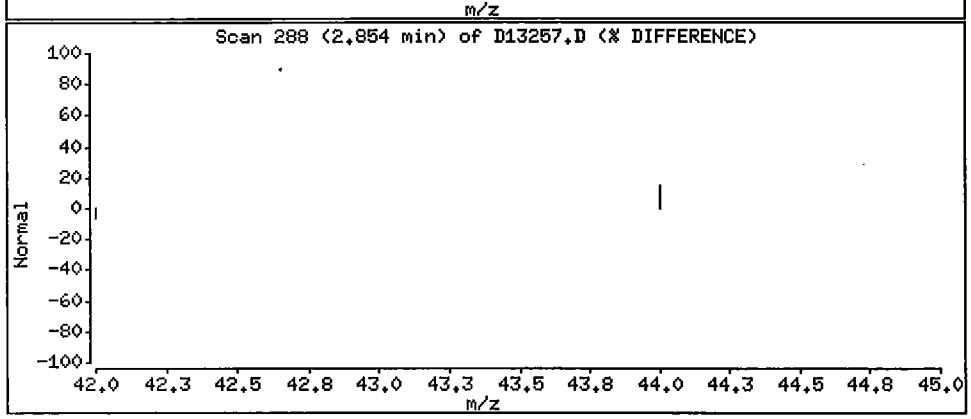












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13257.D

Date : 21-OCT-2000 00:39

Client ID: D13257

Instrument: md.i

Sample Info: DLTCE101,,2,,0,1,0,8260BDA.M,D13257

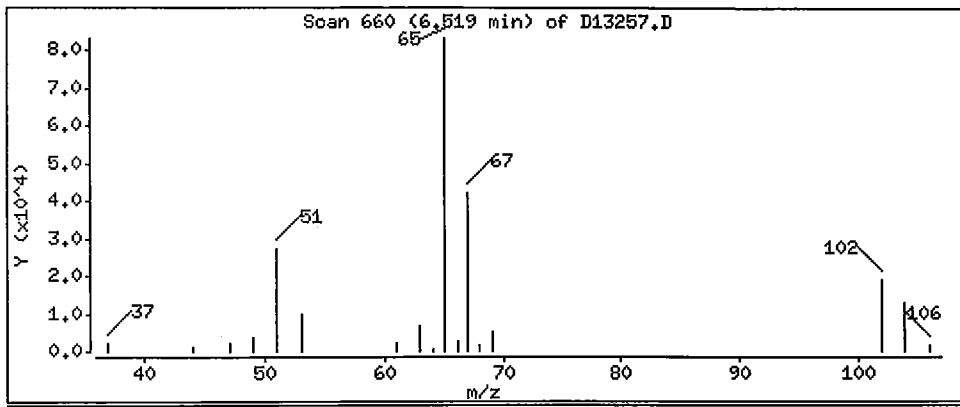
Operator: AD

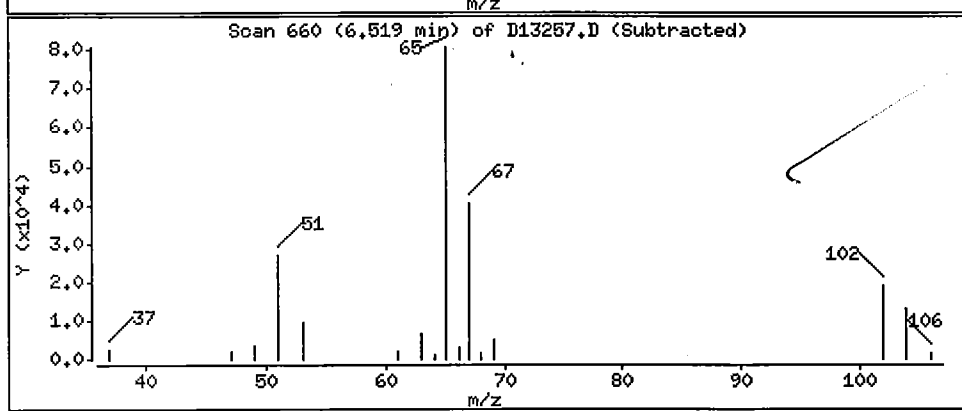
Column phase: J&W DB-624

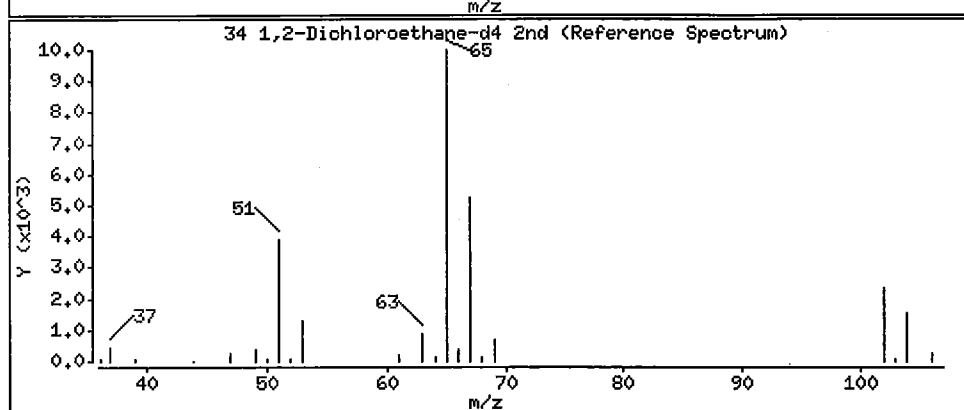
Column diameter: 0.53

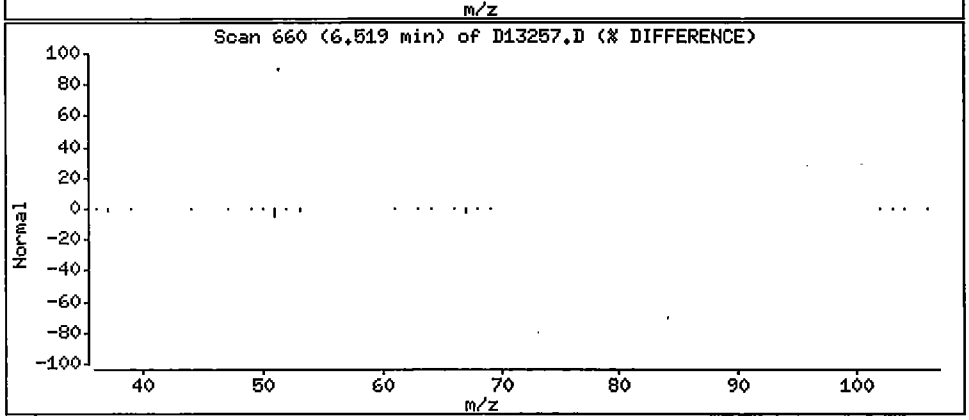
34 1,2-Dichloroethane-d4 2nd

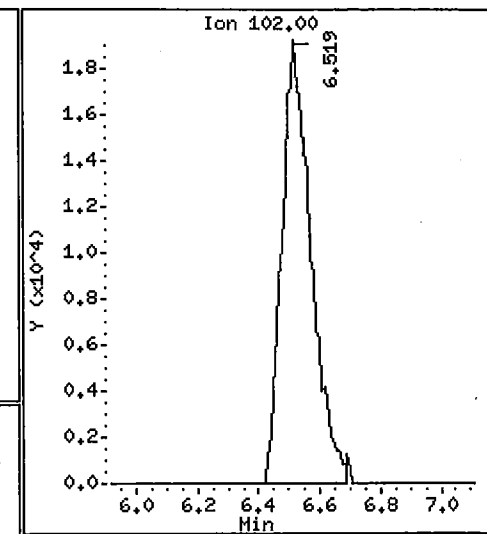
Concentration: 42.98 ug/Kg

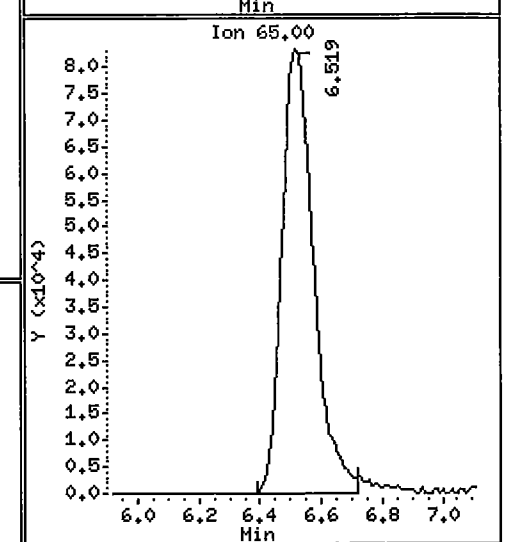












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13257.D

Date : 21-OCT-2000 00:39

Client ID: D13257

Instrument: md.i

Sample Info: DLTCE101,,2,,0,1,0,8260BDA,M,D13257

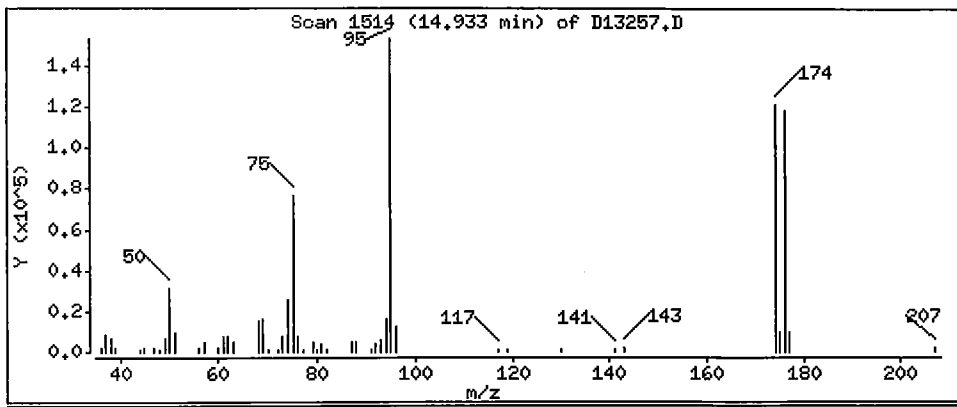
Operator: AD

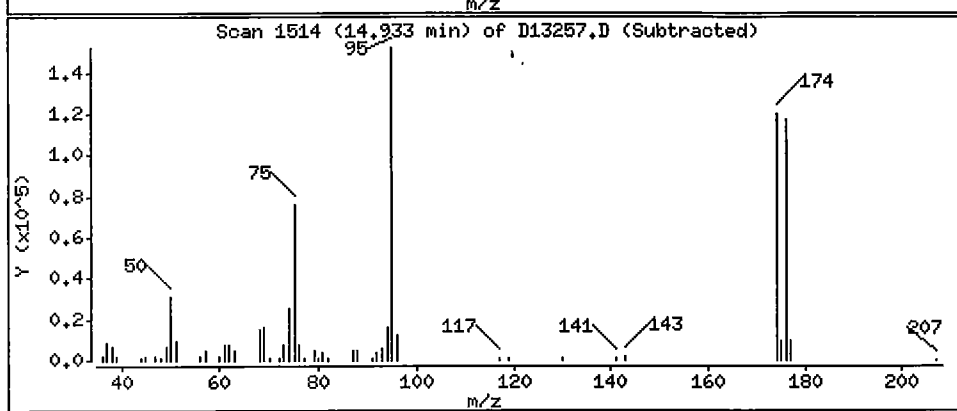
Column phase: J&W DB-624

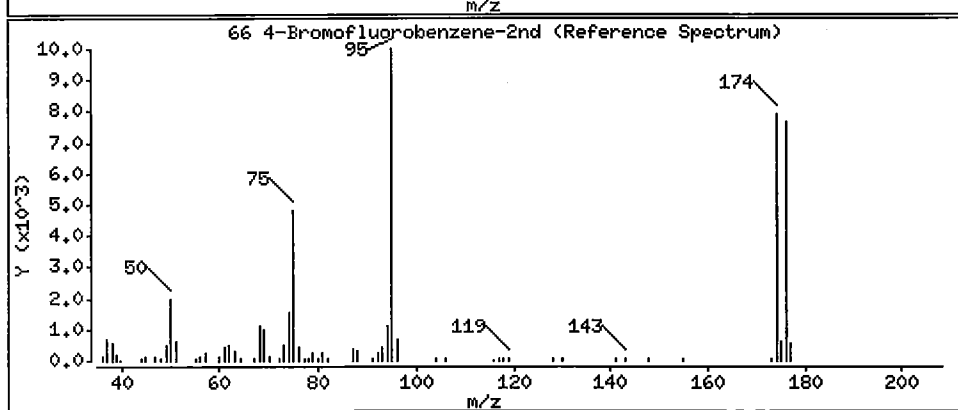
Column diameter: 0.53

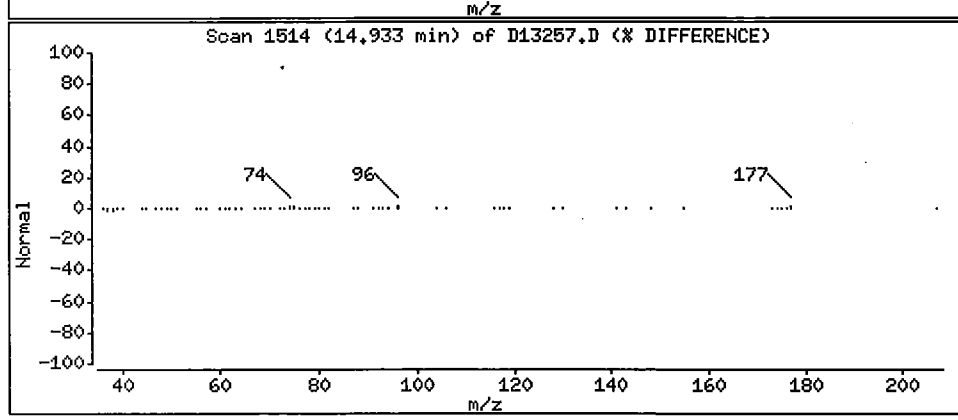
66 4-Bromofluorobenzene-2nd

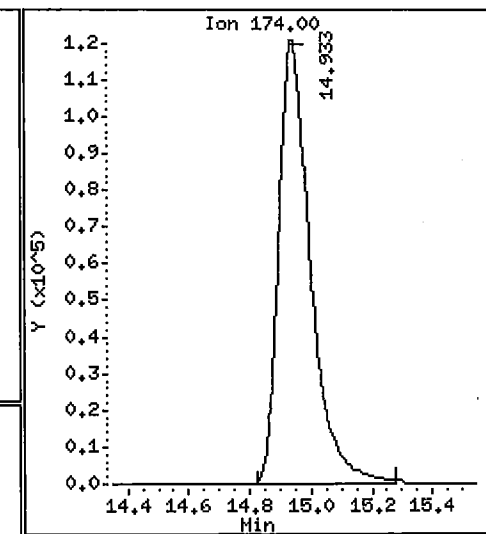
Concentration: 46.57 ug/Kg

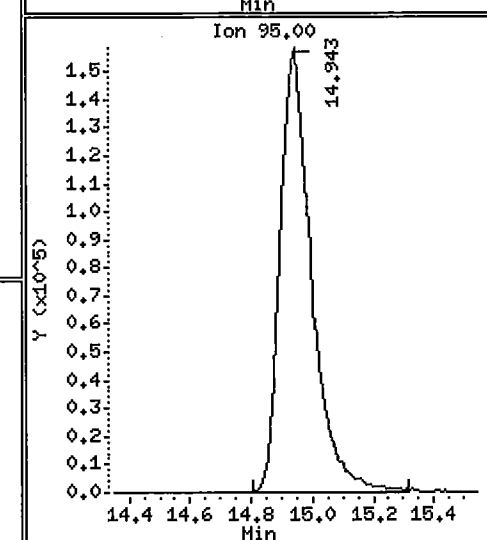


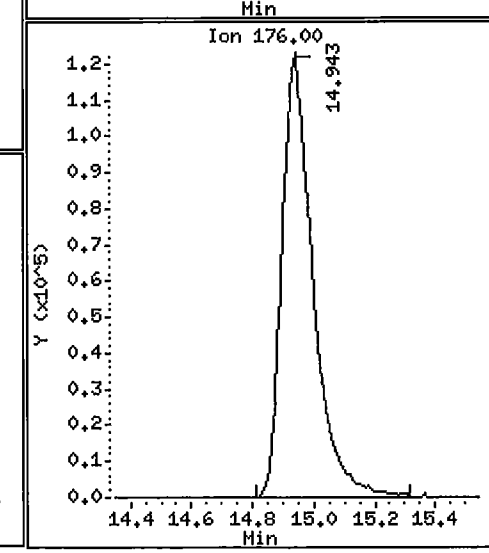












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13257.D

Date : 21-OCT-2000 00:39

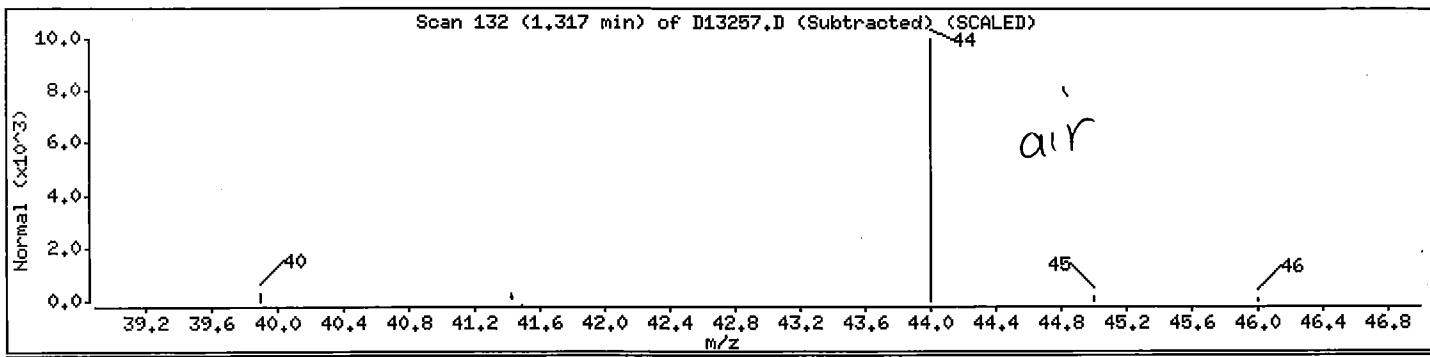
Client ID: D13257 Instrument: md.i

Sample Info: DLTCE101,,2,,0,1,0,8260BDA.M,D13257

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13258.D
Lab Smp Id: DLTCF101 Client Smp ID: D13258
Inj Date : 21-OCT-2000 01:10
Operator : AD Inst ID: md.i
Smp Info : DLTCF101,,2,,0,1,0,8260BDA.M,D13258
Misc Info : E0J090227-3,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.080	3409523	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.316	535982	7.86006984	7.86	0		0	38

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13258.D
Lab Smp Id: DLTCF101 Client Smp ID: D13258
Inj Date : 21-OCT-2000 01:10
Operator : AD Inst ID: md.i
Smp Info : DLTCF101,,2,,0,1,0,8260BDA.M,D13258
Misc Info : E0J090227-3,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.873	2.870	(0.406)	13215	7.98074	7.98
$ 29 Dibromofluoromethane	111	5.976	5.983	(0.844)	960823	45.1615	45.16
$ 33 1,2-Dichloroethane-d4	65	6.508	6.525	(0.919)	613126	42.6955	42.70
34 1,2-Dichloroethane-d4 2nd	102	6.498	6.515	(0.918)	125433	43.2946	43.29
* 38 Fluorobenzene	96	7.080	7.096	(1.000)	1495740	50.0000	
$ 47 Toluene-d8	98	9.907	9.924	(0.786)	1387982	45.8640	45.86
* 56 Chlorobenzene-d5	117	12.597	12.604	(1.000)	1307273	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.942	14.948	(0.866)	863721	45.8061	45.81
$ 67 4-Bromofluorobenzene	95	14.932	14.948	(0.865)	1124382	44.6773	44.68
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.264	(1.000)	946970	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTCF101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13258
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

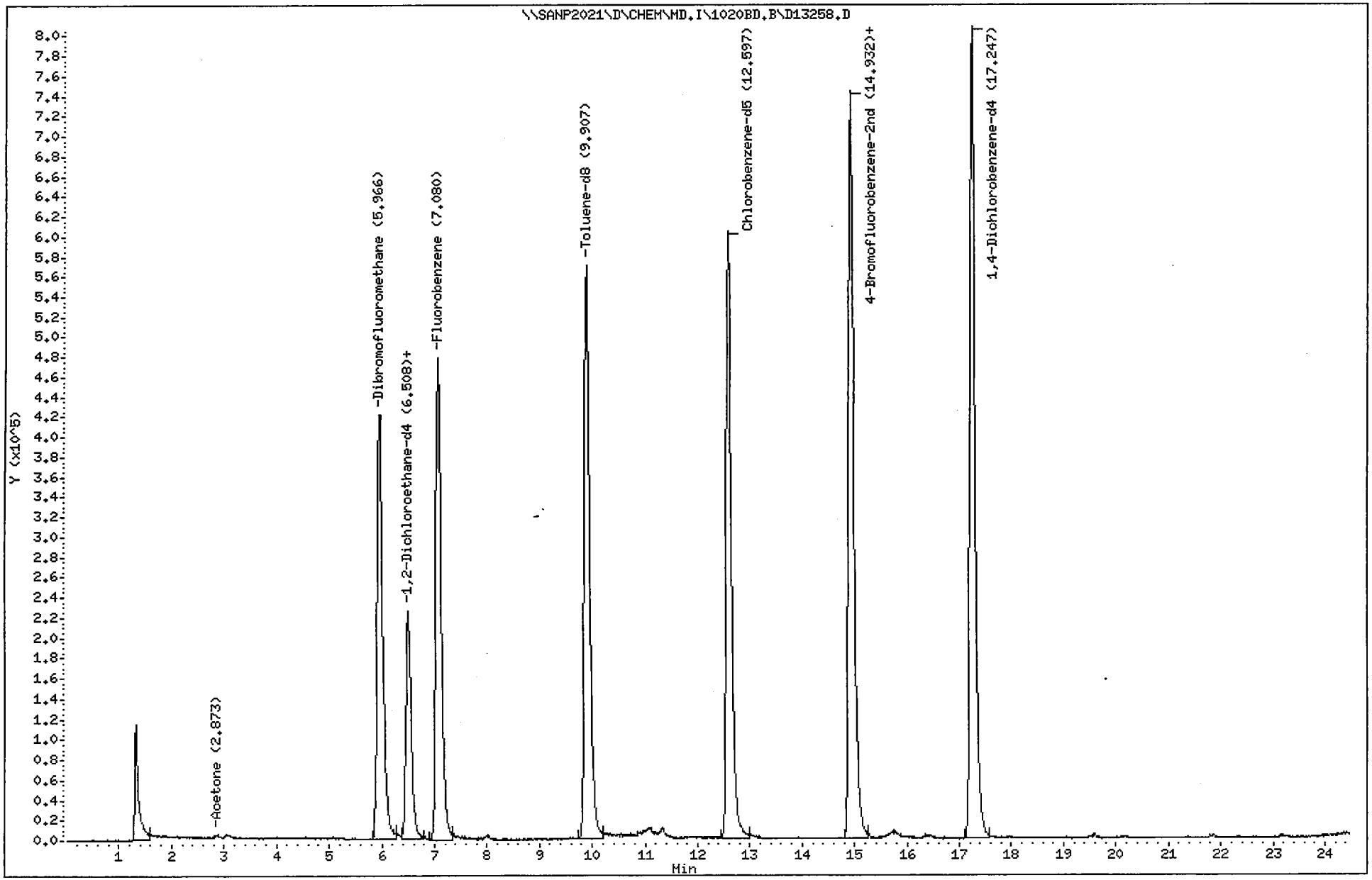
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ alr	1.316	7.86	J

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13258.D
Date : 21-OCT-2000 01:10
Client ID: D13258
Sample Info: DLTCF101,,2,,0,1,0,8260BDA.M,D13258

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



000443

BOE-C6-0150866

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13258.D

Date : 21-OCT-2000 01:10

Client ID: D13258

Instrument: md.i

Sample Info: DLTCF101,,2,,0,1,0,8260BDA.M,D13258

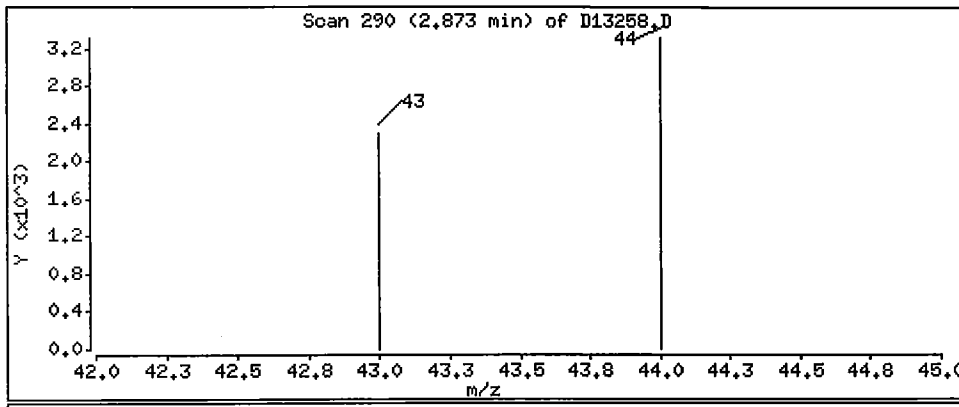
Operator: AD

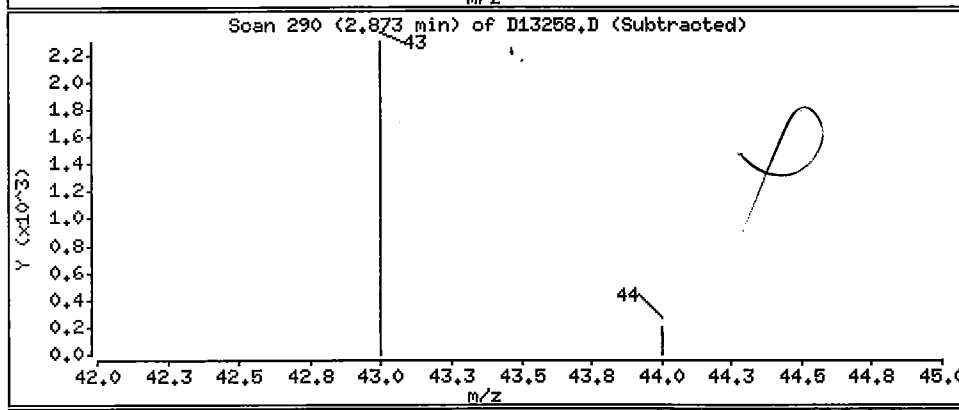
Column phase: J&W DB-624

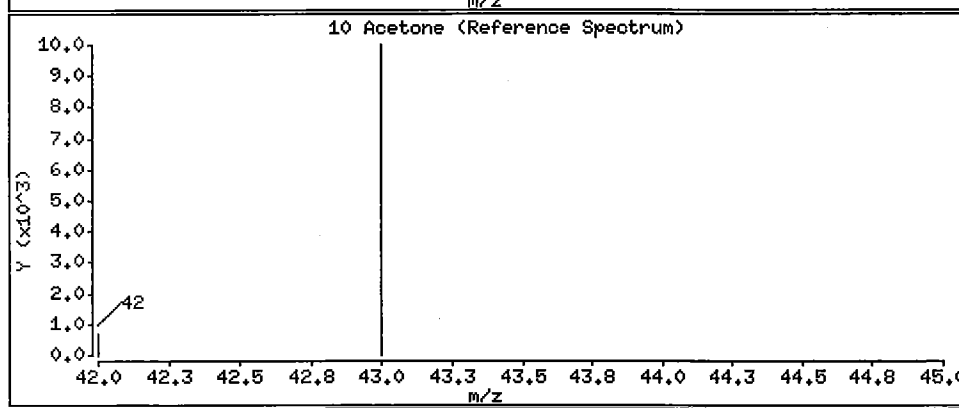
Column diameter: 0.53

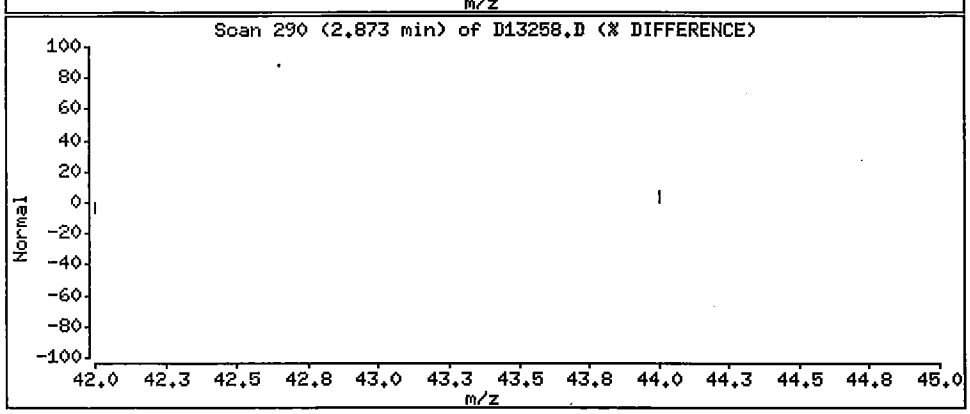
10 Acetone

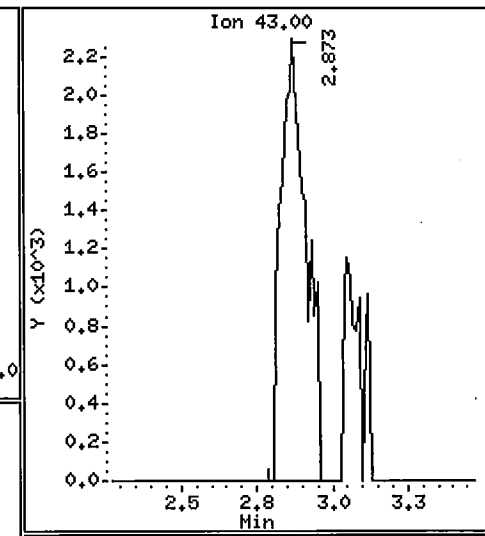
Concentration: 7.98 ug/Kg

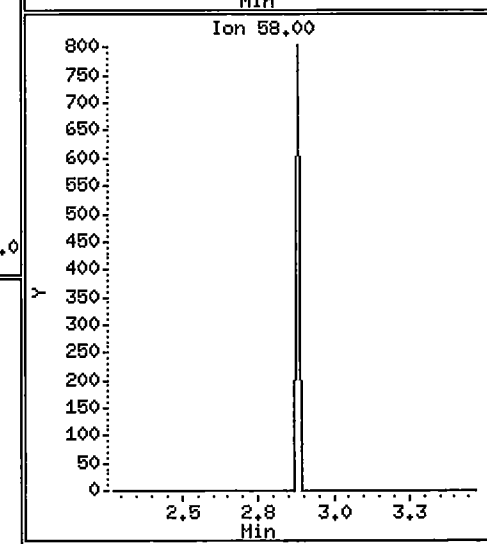












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13258.D

Date : 21-OCT-2000 01:10

Client ID: D13258

Instrument: md.i

Sample Info: DLTCF101,,2,,0,1,0,8260BDA,M,D13258

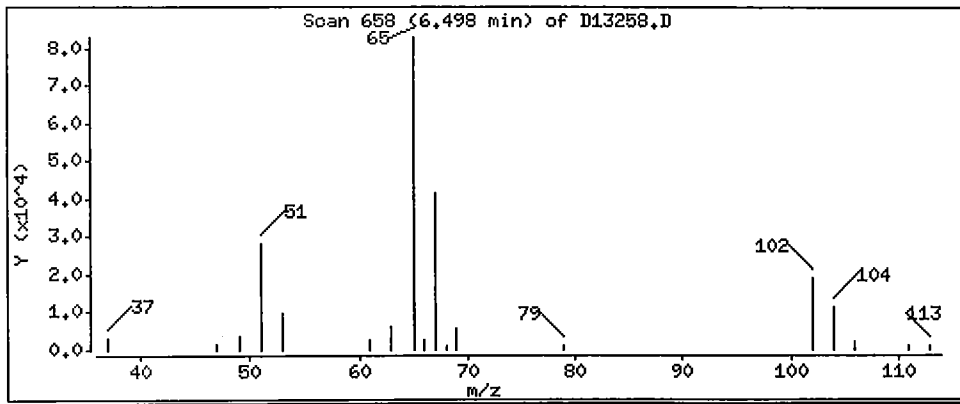
Operator: AD

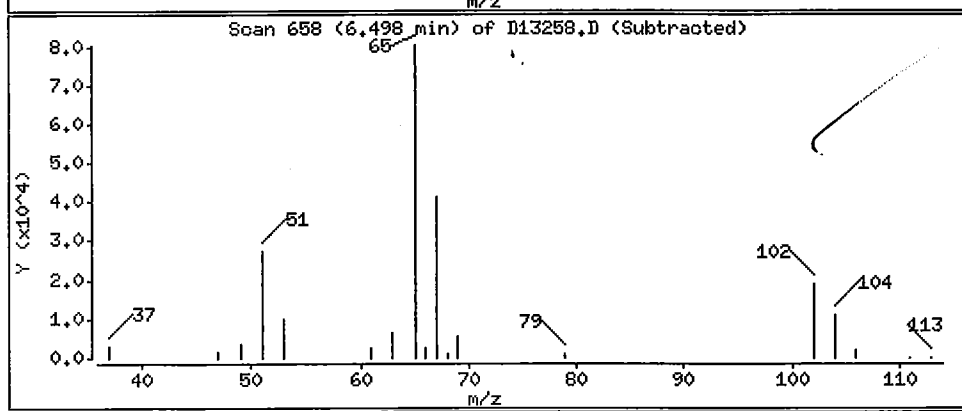
Column phase: J&W DB-624

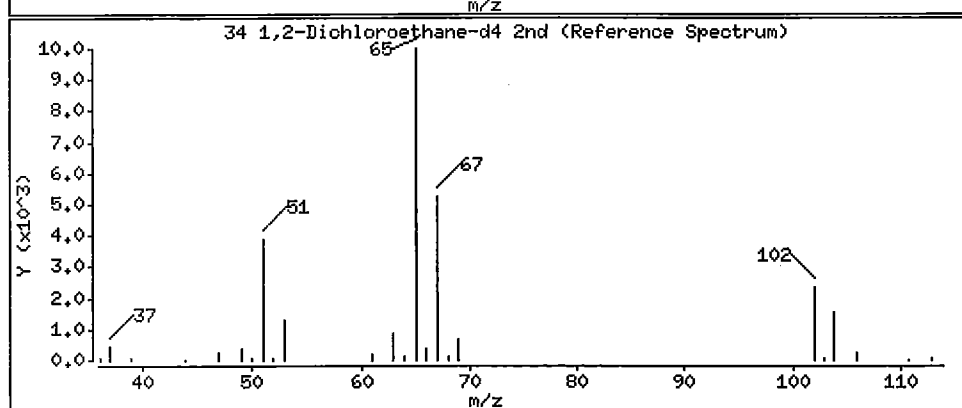
Column diameter: 0.53

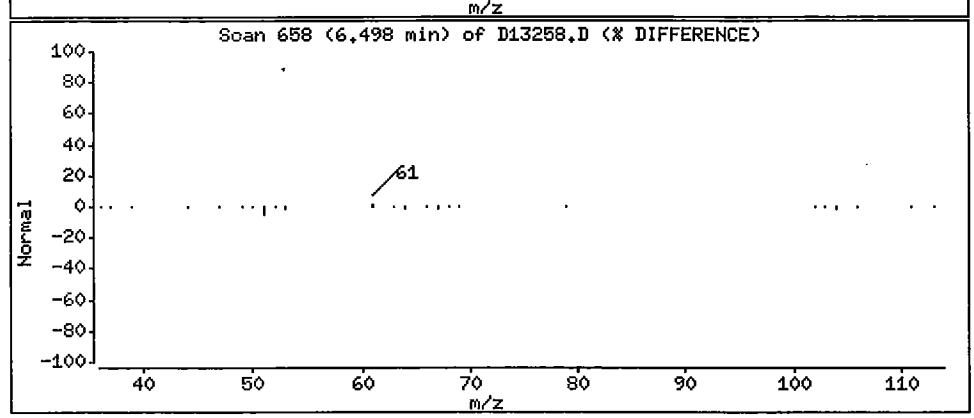
34 1,2-Dichloroethane-d4 2nd

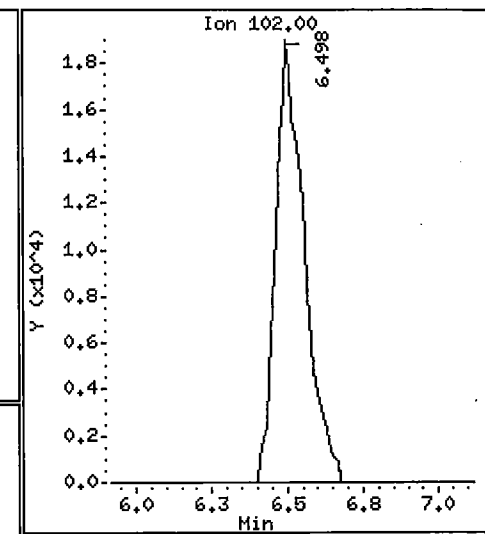
Concentration: 43.29 ug/Kg

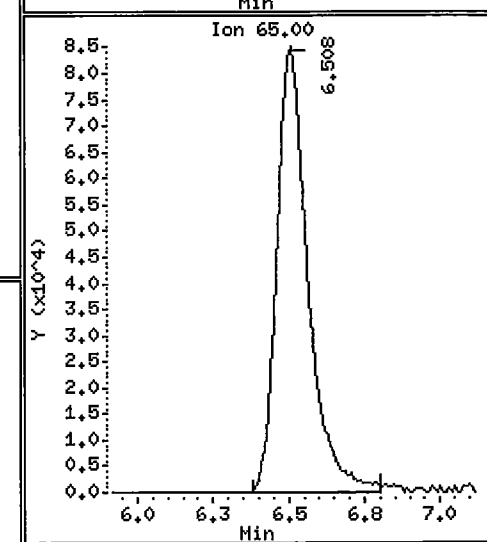












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13258.D

Date : 21-OCT-2000 01:10

Client ID: D13258

Instrument: md.i

Sample Info: DLTCF101,,2,,0,1,0,8260BDA.M,D13258

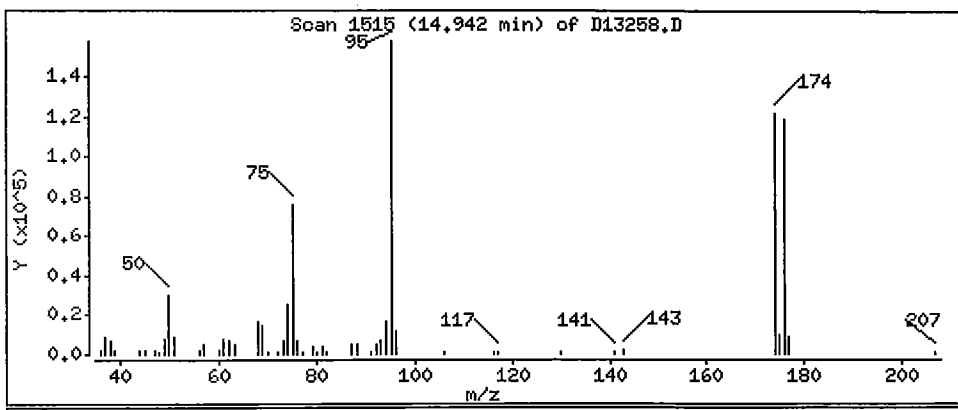
Operator: AD

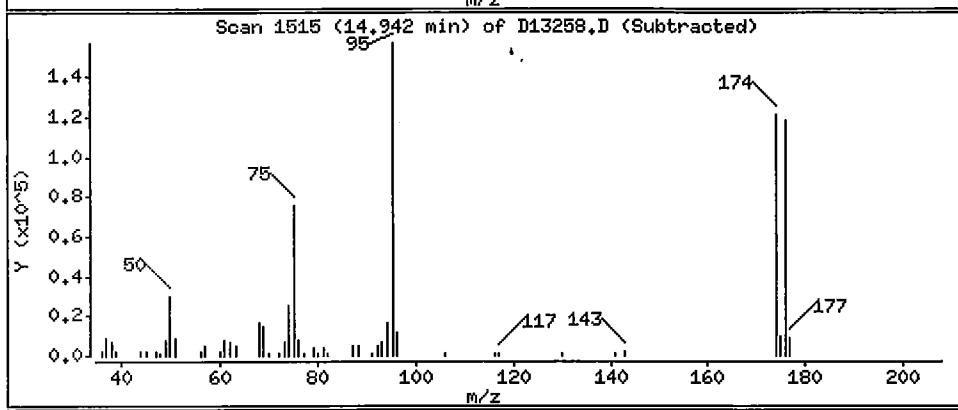
Column phase: J&W DB-624

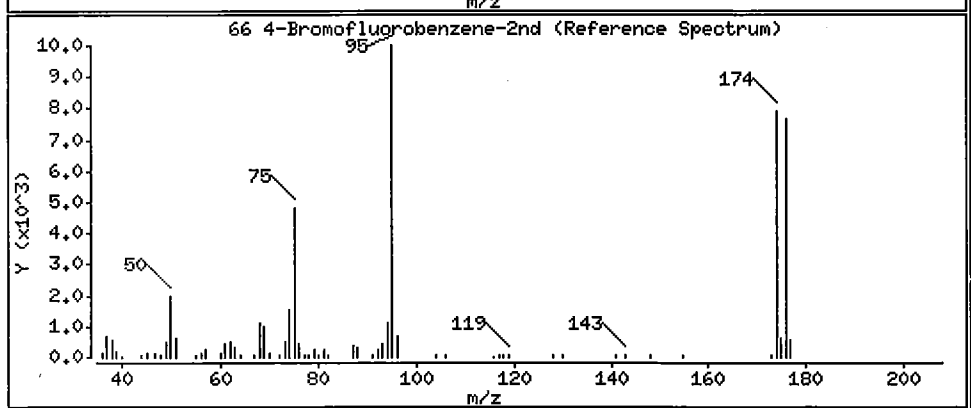
Column diameter: 0.53

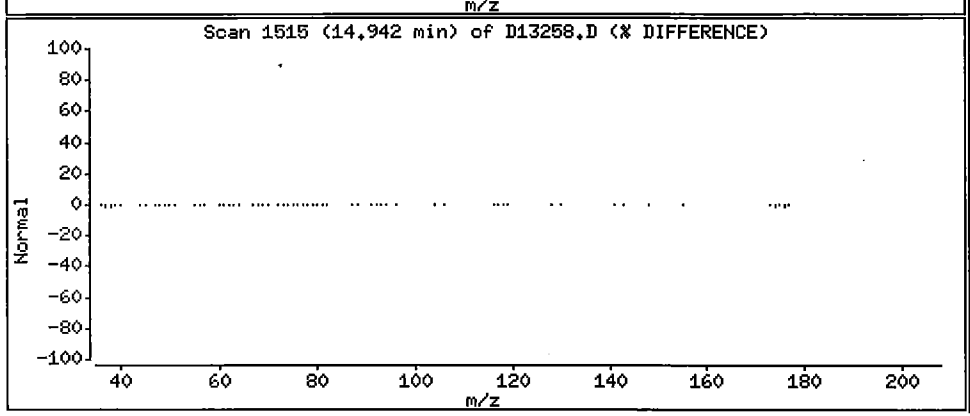
66 4-Bromofluorobenzene-2nd

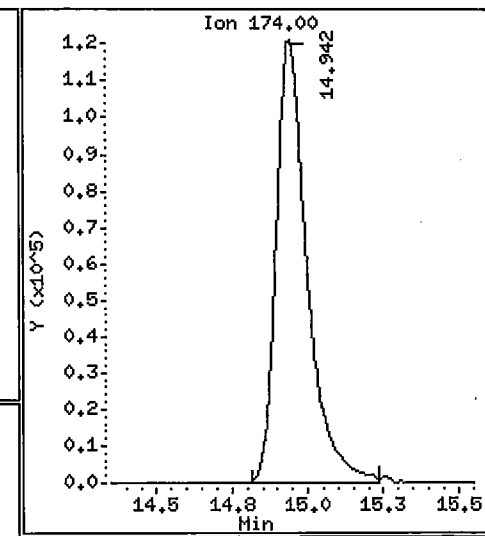
Concentration: 45.81 ug/Kg

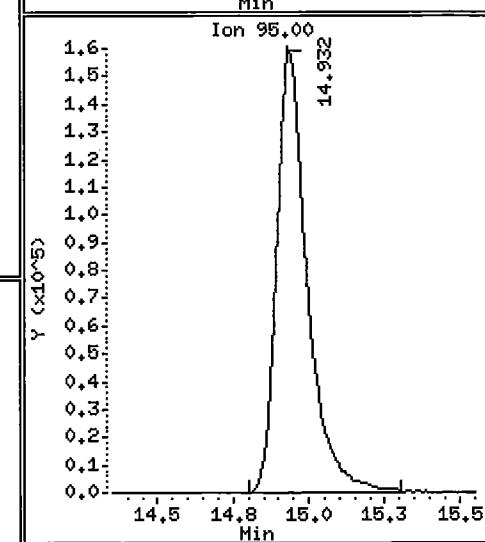


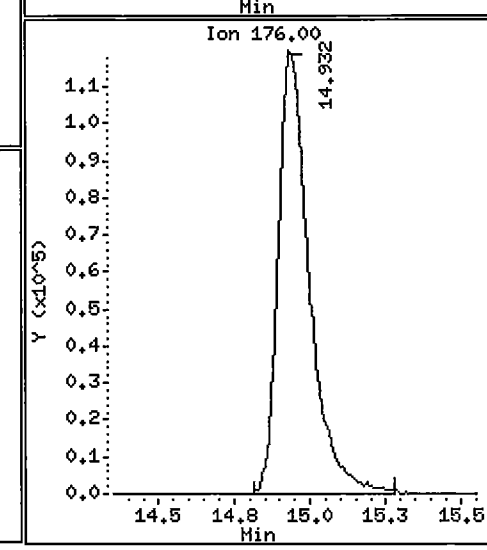












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13258.D

Date : 21-OCT-2000 01:10

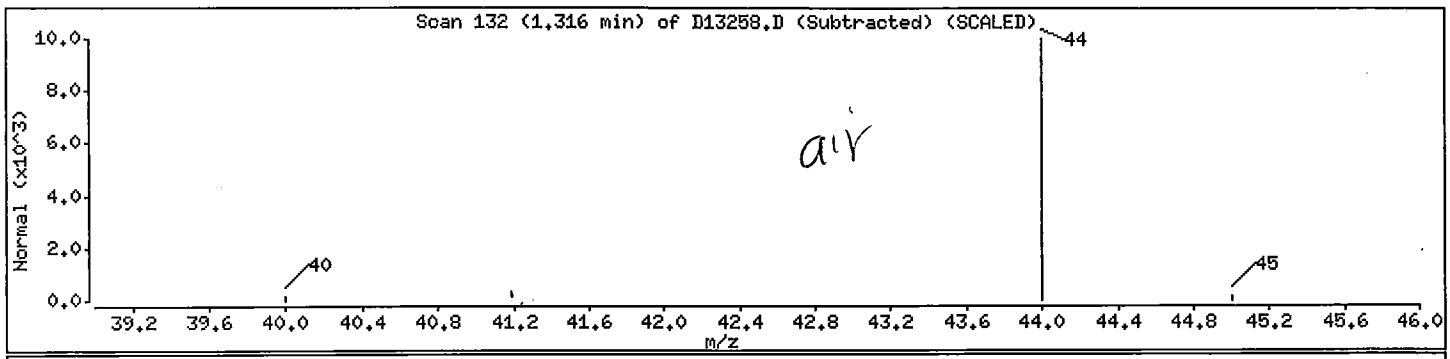
Client ID: D13258 Instrument: md.i

Sample Info: DLTCF101,,2,,0,1,0,8260BDA.M,D13258

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13259.D
Lab Smp Id: DLTCG101 Client Smp ID: D13259
Inj Date : 21-OCT-2000 01:42
Operator : AD Inst ID: md.i
Smp Info : DLTCG101,,2,,0,1,0,8260BDA.M,D13259
Misc Info : E0J090227-4,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.854	2.870	(0.403)	8068	6.18564	6.18
$ 29 Dibromofluoromethane	111	5.977	5.983	(0.843)	800334	47.7585	47.76
$ 33 1,2-Dichloroethane-d4	65	6.509	6.525	(0.918)	458973	40.5764	40.58
34 1,2-Dichloroethane-d4 2nd	102	6.509	6.515	(0.918)	96326	42.2106	42.21
* 38 Fluorobenzene	96	7.090	7.096	(1.000)	1178153	50.0000	
$ 47 Toluene-d8	98	9.908	9.924	(0.786)	1182542	50.7610	50.76
* 56 Chlorobenzene-d5	117	12.608	12.604	(1.000)	1006331	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.943	14.948	(0.866)	695012	50.3633	50.36
$ 67 4-Bromofluorobenzene	95	14.933	14.948	(0.865)	914513	49.6517	49.65
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.264	(1.000)	693050	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTCG101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13259
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown M	1.317	7.75	J

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13259.D
Lab Smp Id: DLTCG101 Client Smp ID: D13259
Inj Date : 21-OCT-2000 01:42
Operator : AD Inst ID: md.i
Smp Info : DLTCG101,,2,,0,1,0,8260BDA.M,D13259
Misc Info : E0J090227-4,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.090	2653161	50.000

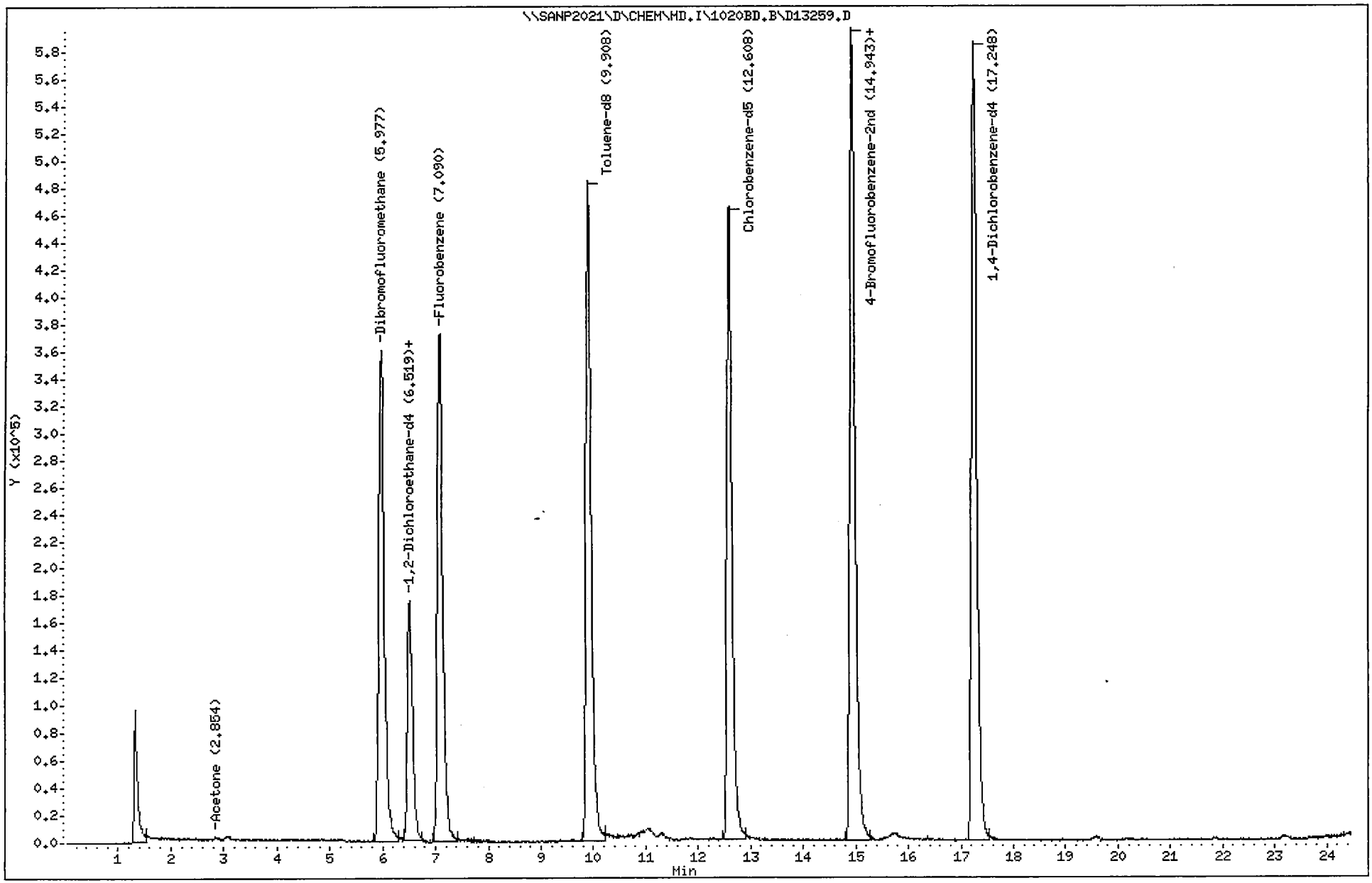
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	411386	7.75275707	7.75	0		0	38

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13259.D
Date : 21-OCT-2000 01:42
Client ID: D13259
Sample Info: DLTCG101,,2,,0,1,0,8260BDA.M,D13259

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



000452

BOE-C6-0150875

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13259.D

Date : 21-OCT-2000 01:42

Client ID: D13259

Instrument: md.i

Sample Info: DLTCG101,,2,,0,1,0,8260BDA.M,D13259

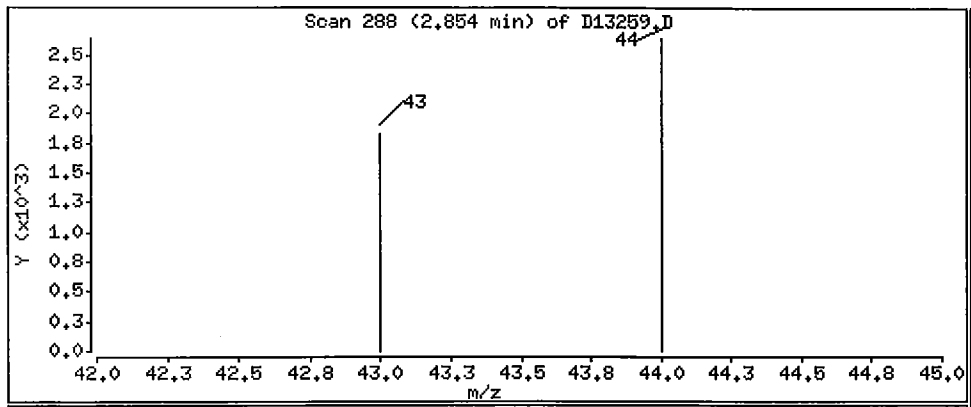
Operator: AD

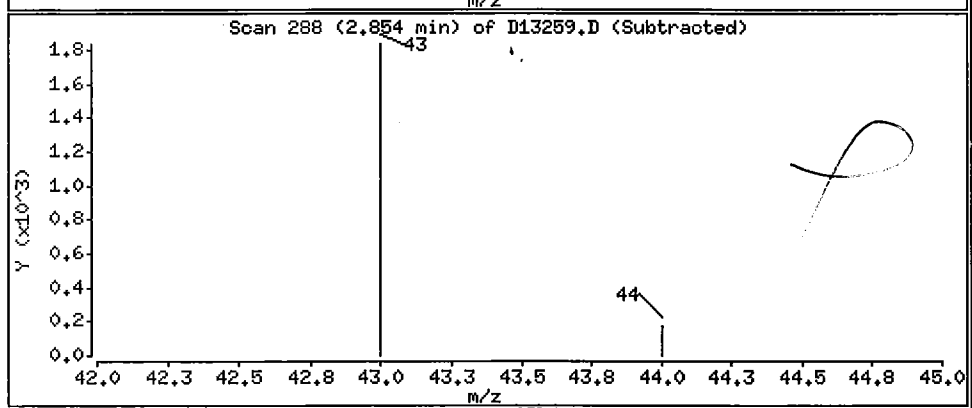
Column phase: J&W DB-624

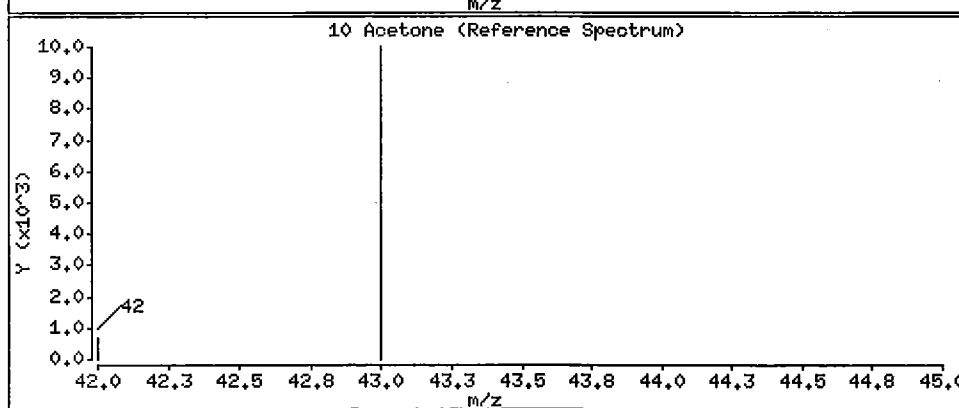
Column diameter: 0.53

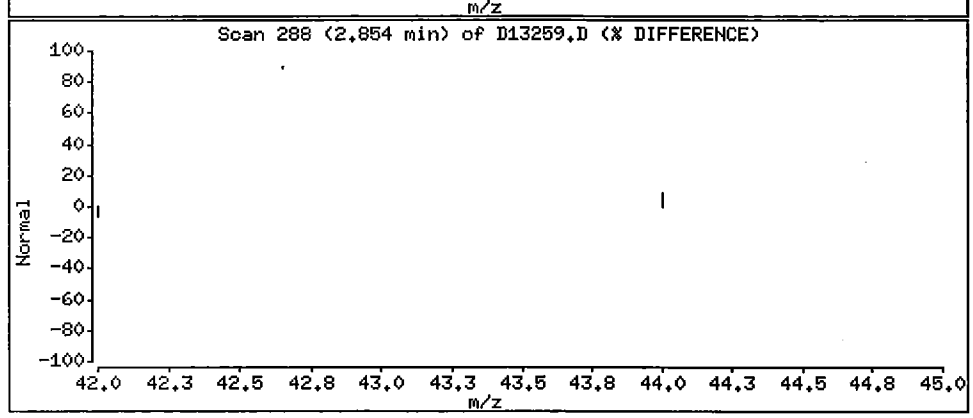
10 Acetone

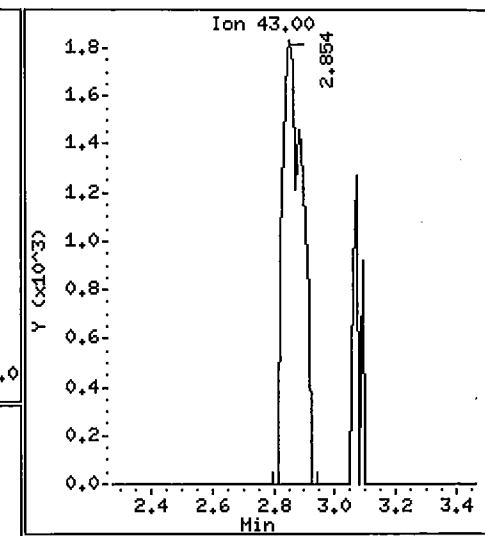
Concentration: 6.18 ug/Kg

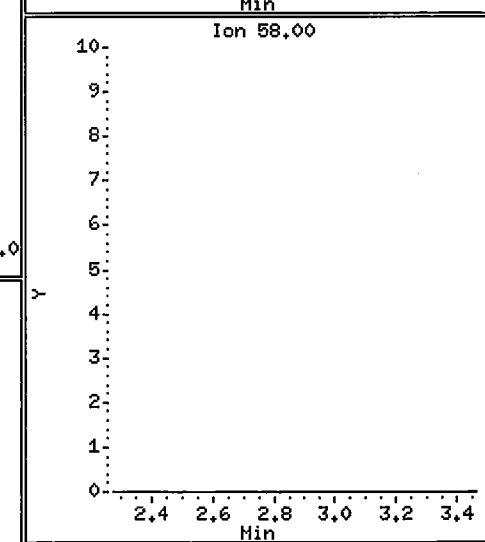












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13259.D

Date : 21-OCT-2000 01:42

Client ID: D13259

Instrument: md.i

Sample Info: DLTCG101,,2,,0,1,0,8260BDA.M,D13259

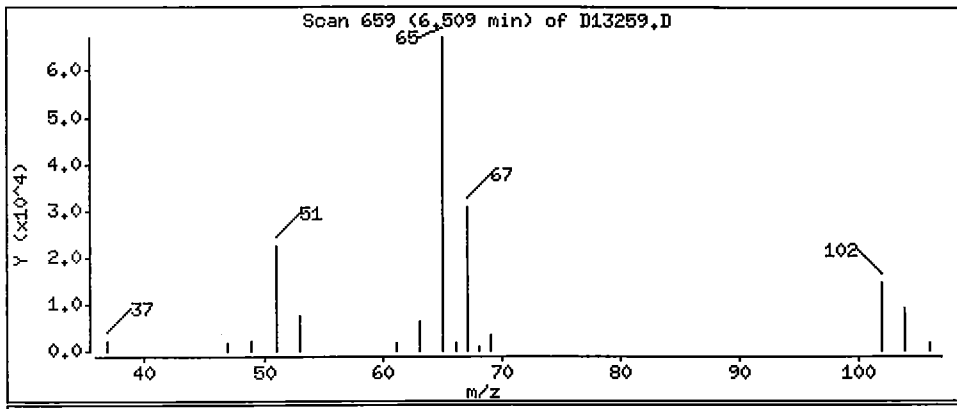
Operator: AD

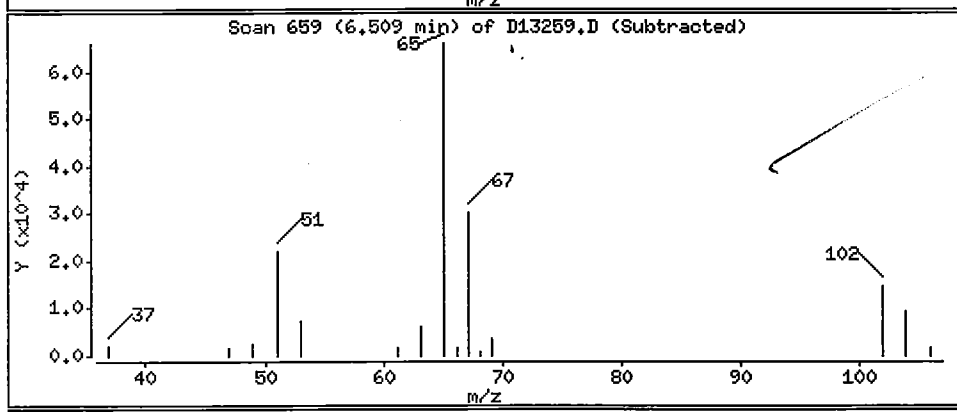
Column phase: J&W DB-624

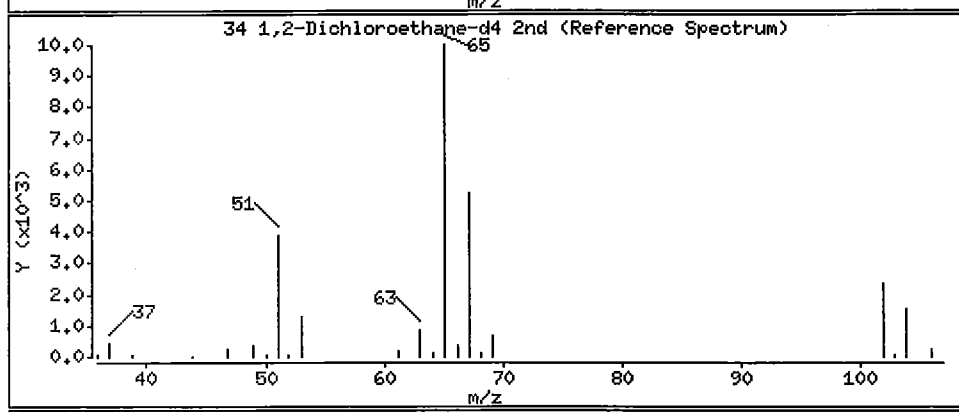
Column diameter: 0.53

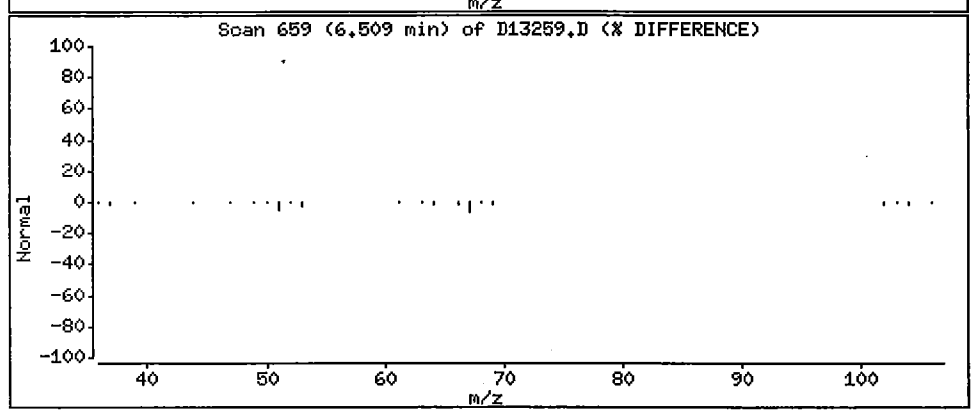
34 1,2-Dichloroethane-d4 2nd

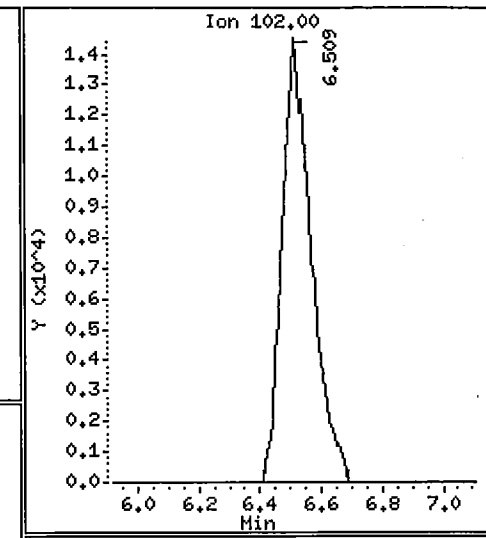
Concentration: 42.21 ug/Kg

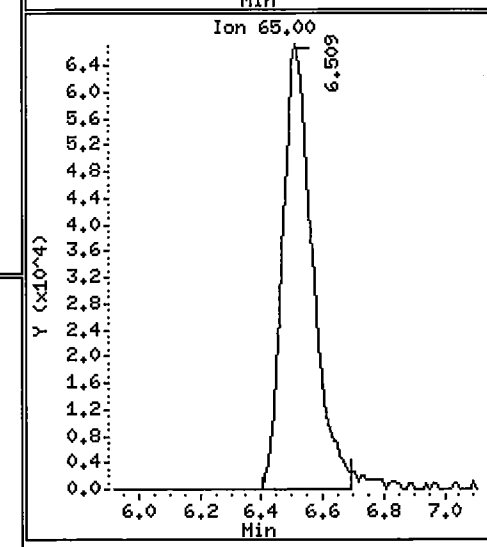












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13259.D

Date : 21-OCT-2000 01:42

Client ID: D13259

Instrument: md.i

Sample Info: DLTCG101,,2,,0,1,0,8260BDA.M,D13259

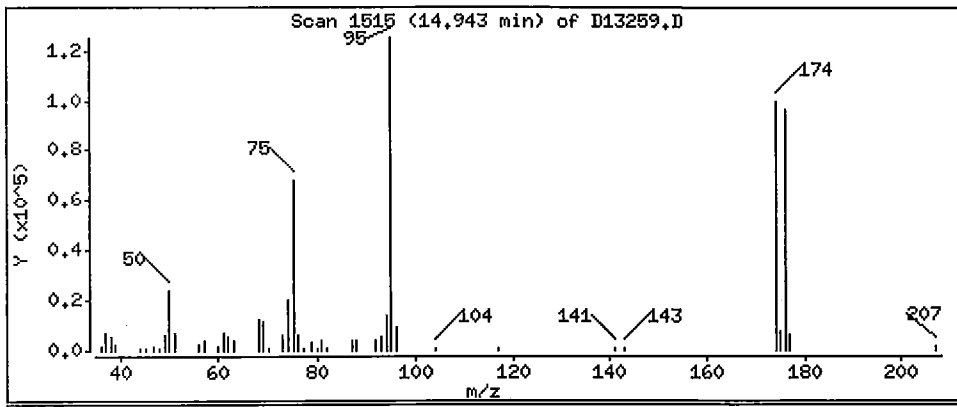
Operator: AD

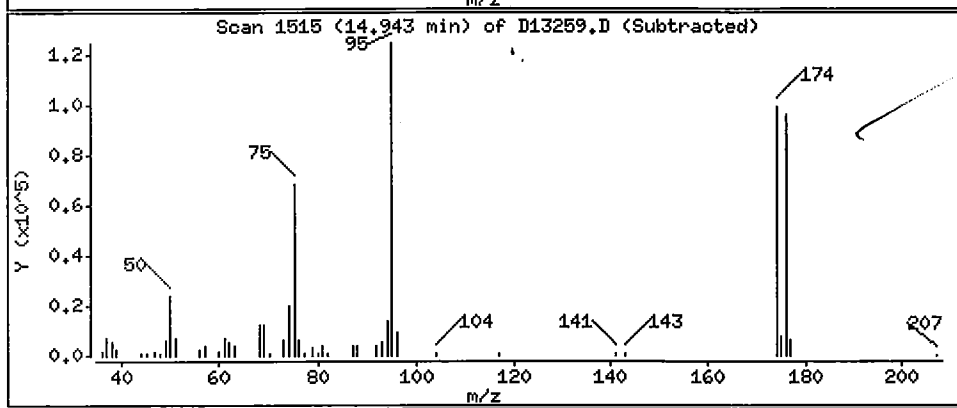
Column phase: J&W DB-624

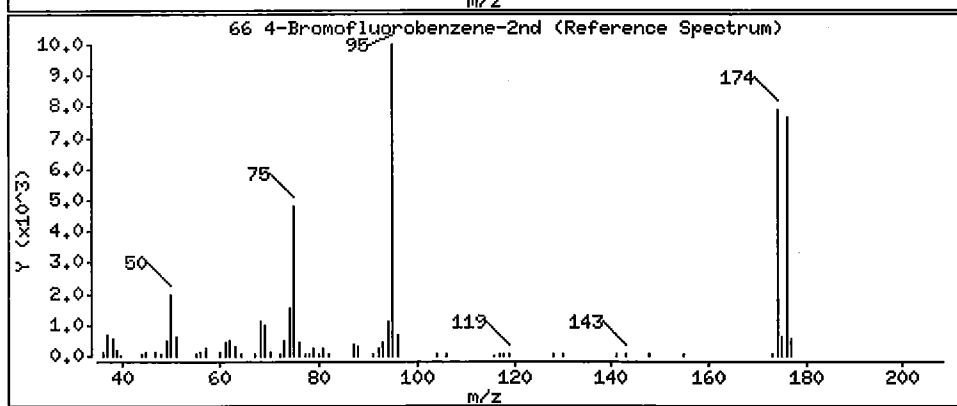
Column diameter: 0.53

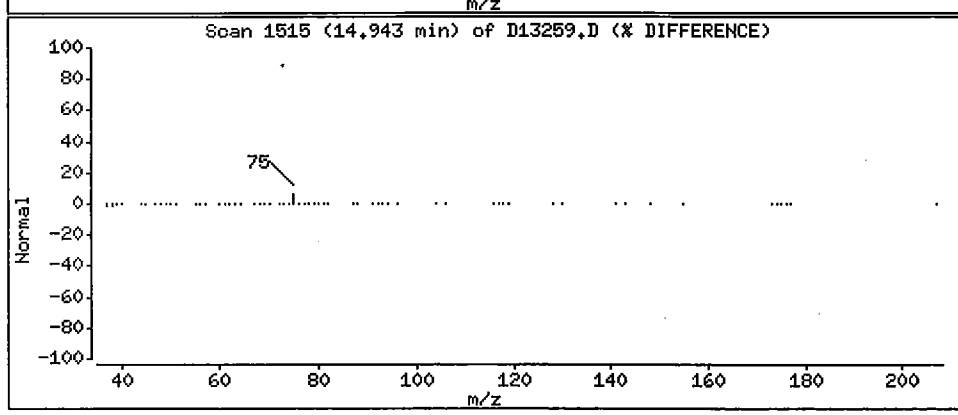
66 4-Bromofluorobenzene-2nd

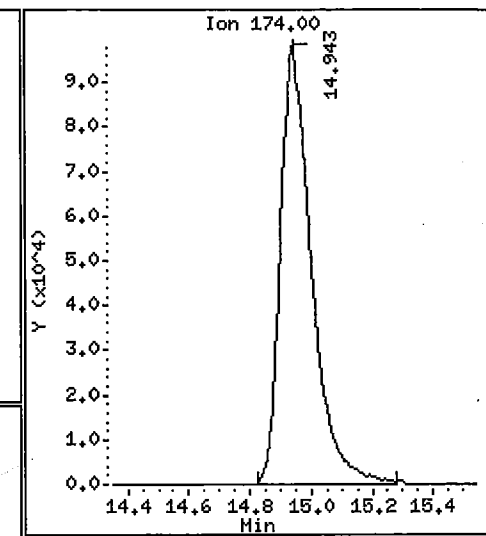
Concentration: 50.36 ug/Kg

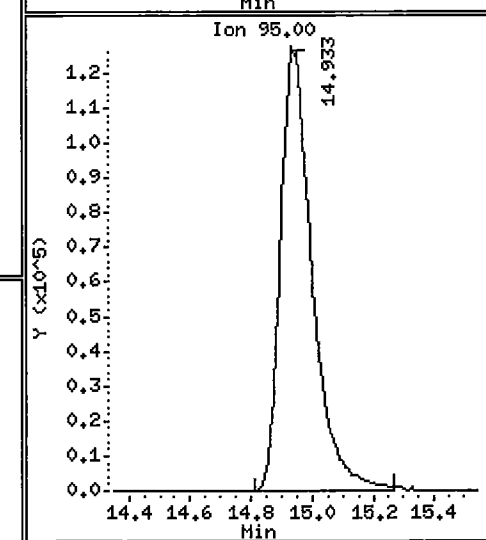


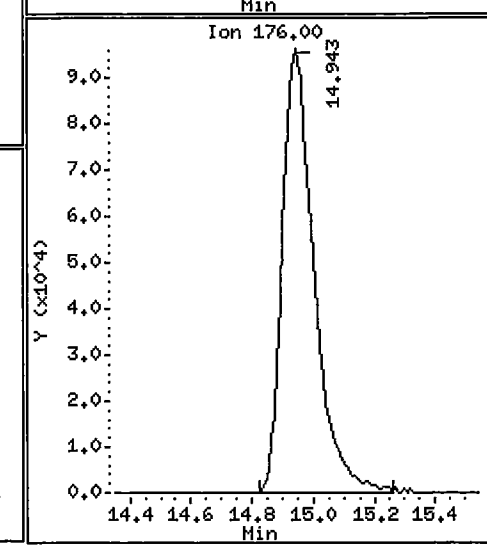












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13259.D

Date : 21-OCT-2000 01:42

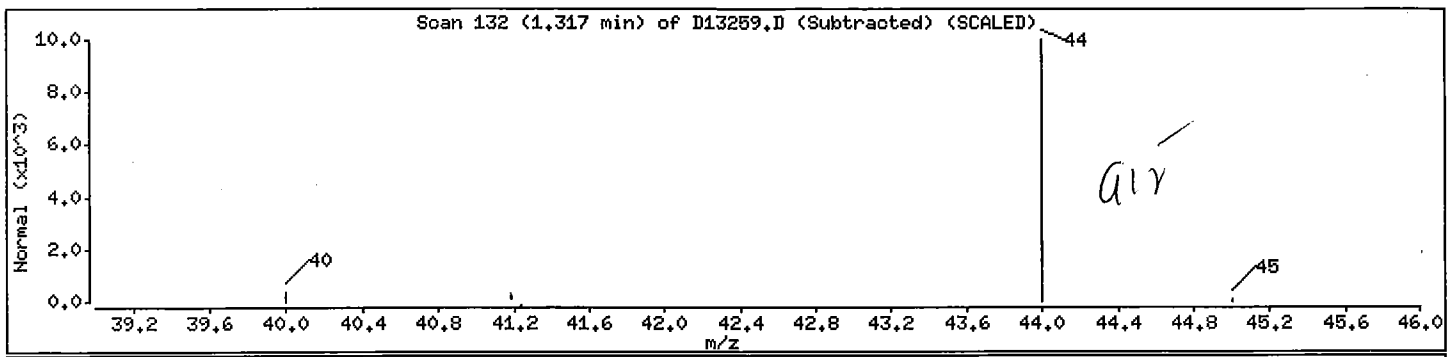
Client ID: D13259 Instrument: md.i

Sample Info: DLTCG101,,2,,0,1,0,8260BDA.M,D13259

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13260.D
Lab Smp Id: DLTCH101 Client Smp ID: D13260
Inj Date : 21-OCT-2000 02:14
Operator : AD Inst ID: md.i
Smp Info : DLTCH101,,2,,0,1,0,8260BDA.M,D13260
Misc Info : E0J090227-5,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.880	2.870	(0.406)	11228	7.06193	7.06
$ 29 Dibromofluoromethane	111	5.984	5.983	(0.844)	915716	44.8253	44.82
$ 33 1,2-Dichloroethane-d4	65	6.516	6.525	(0.919)	581235	42.1523	42.15
34 1,2-Dichloroethane-d4 2nd	102	6.516	6.515	(0.919)	117860	42.3668	42.37
36 1,2-Dichloroethane	62	7.097	6.643	(1.001)	16756	1.09175	1.09(aQ)
* 38 Fluorobenzene	96	7.087	7.096	(1.000)	1436214	50.0000	
$ 47 Toluene-d8	98	9.905	9.924	(0.786)	1316934	46.1053	46.10
* 56 Chlorobenzene-d5	117	12.604	12.604	(1.000)	1233866	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.939	14.948	(0.866)	837056	46.2906	46.29
$ 67 4-Bromofluorobenzene	95	14.939	14.948	(0.866)	1077387	44.6408	44.64
* 79 1,4-Dichlorobenzene-d4	152	17.245	17.264	(1.000)	908130	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13260.D
Lab Smp Id: DLTCH101 Client Smp ID: D13260
Inj Date : 21-OCT-2000 02:14
Operator : AD Inst ID: md.i
Smp Info : DLTCH101,,2,,0,1,0,8260BDA.M,D13260
Misc Info : E0J090227-5,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.087	3298636	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.314	643051	9.74722772	9.75	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTCH101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13260
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

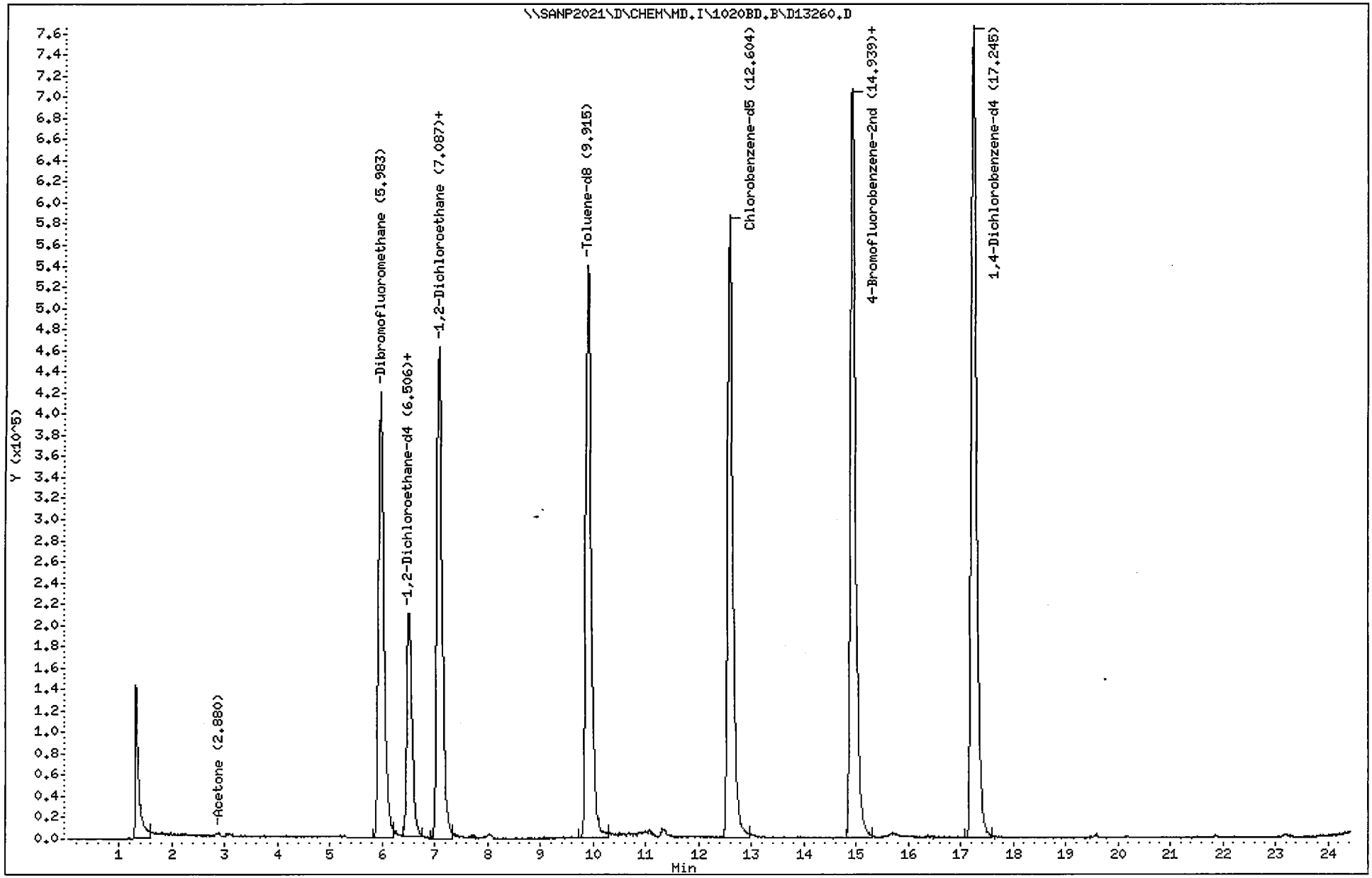
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ alV	1.314	9.75	J

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13260.D
Date : 21-OCT-2000 02:14
Client ID: D13260
Sample Info: DLTCH101,,2,,0,1,0,8260BDA.M,D13260

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



000461

BOE-C6-0150884

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13260.D

Date : 21-OCT-2000 02:14

Client ID: D13260

Instrument: md.i

Sample Info: DLTCH101,,2,,0,1,0,8260BDA.M,D13260

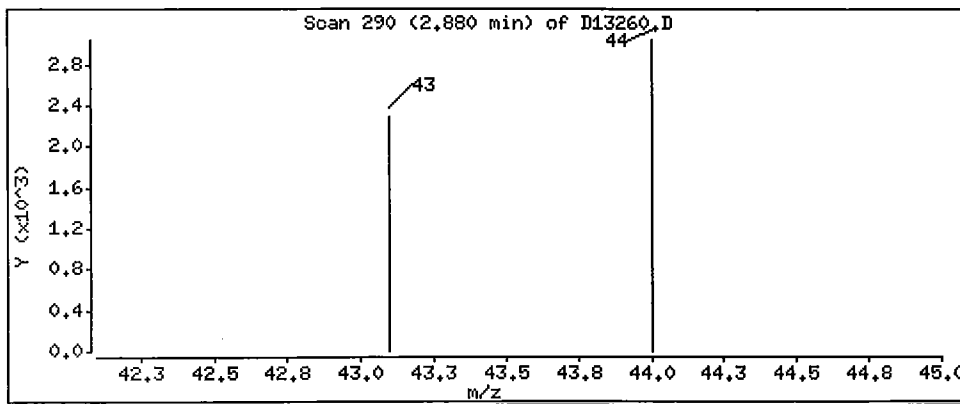
Operator: AD

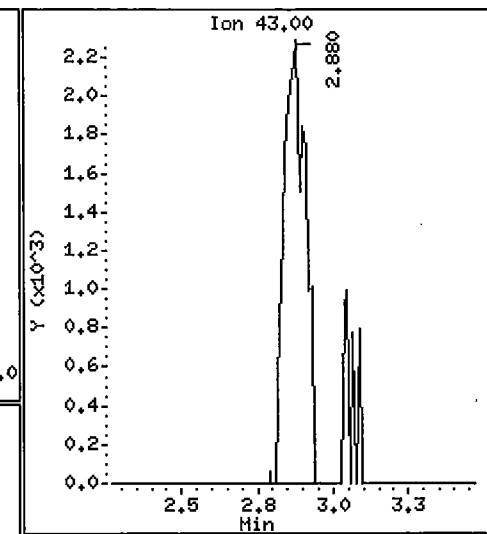
Column phase: J&W DB-624

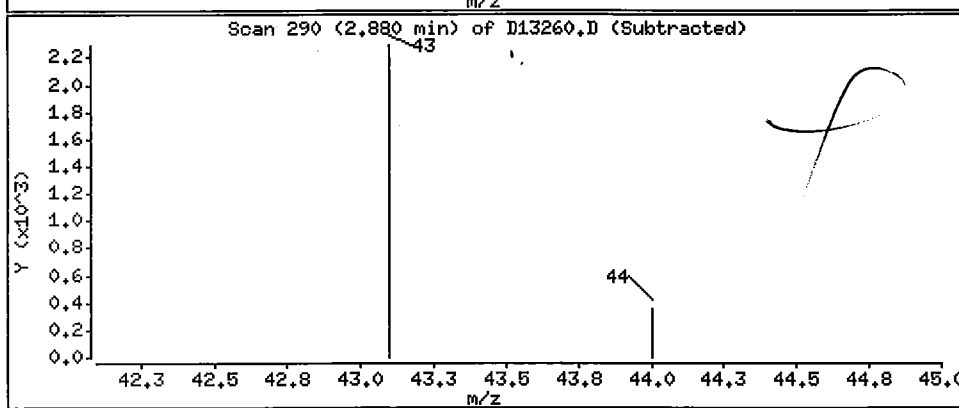
Column diameter: 0.53

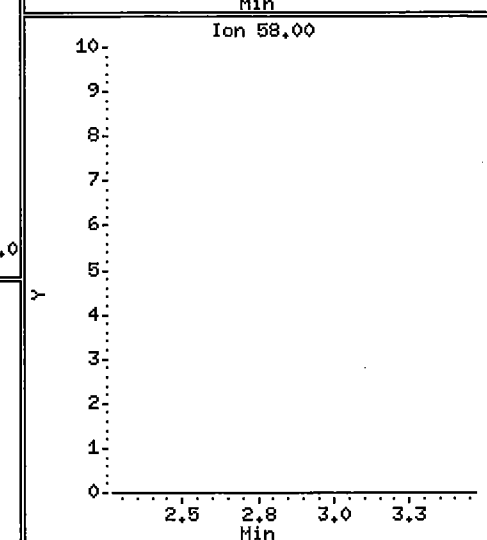
10 Acetone

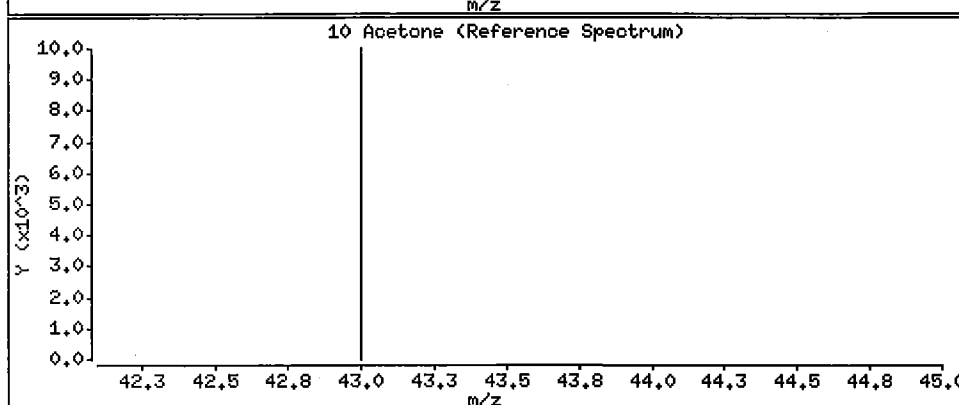
Concentration: 7.06 ug/Kg

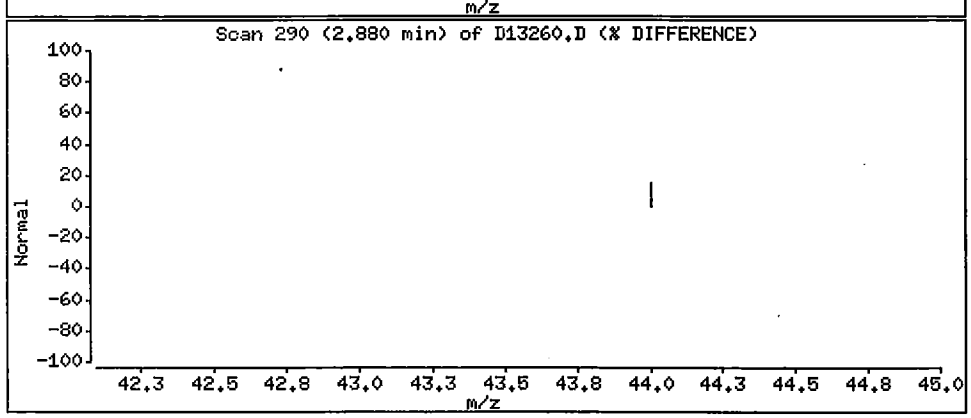












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13260.D

Date : 21-OCT-2000 02:14

Client ID: D13260

Instrument: md.i

Sample Info: DLTCH101,,2,,0,1,0,8260BDA.M,D13260

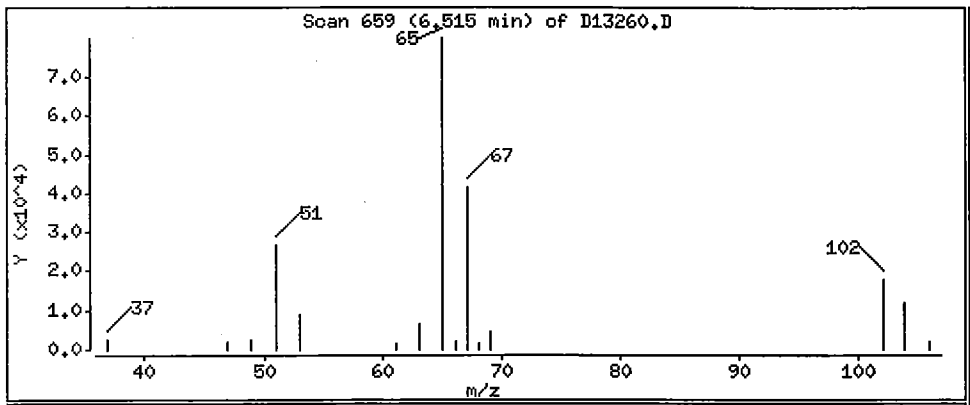
Operator: AD

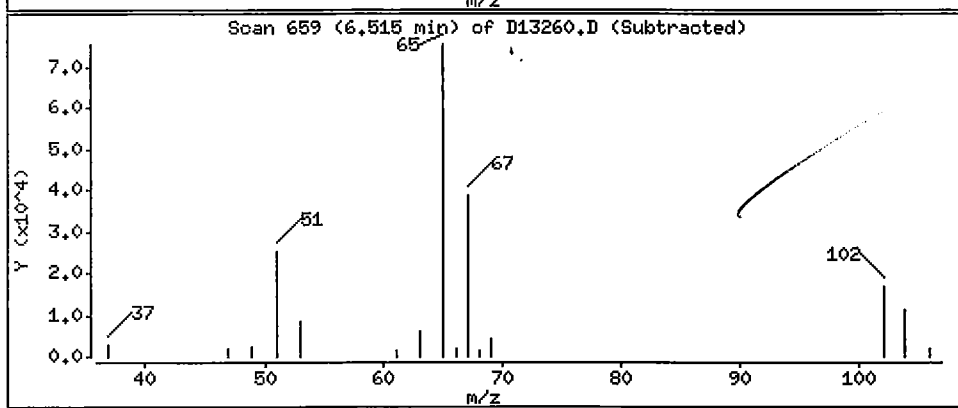
Column phase: J&W DB-624

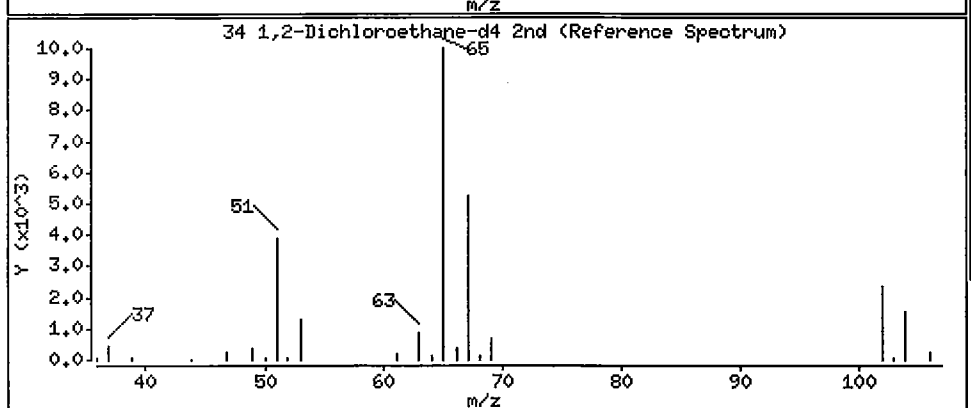
Column diameter: 0.53

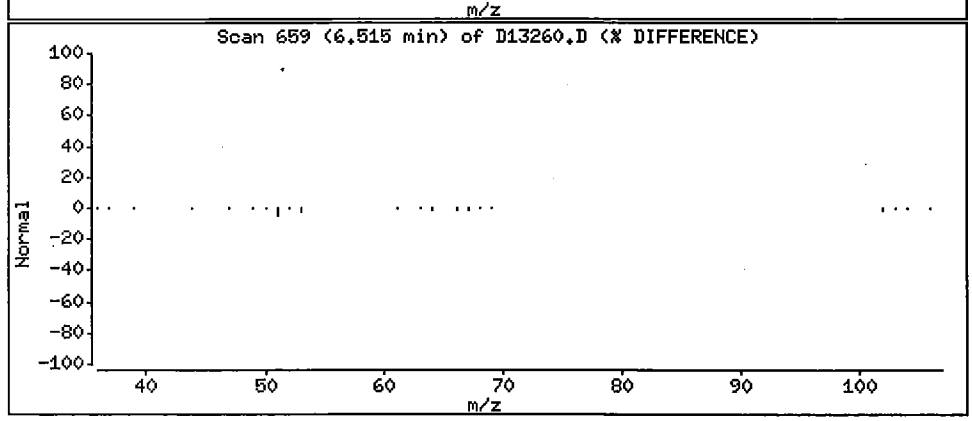
34 1,2-Dichloroethane-d4 2nd

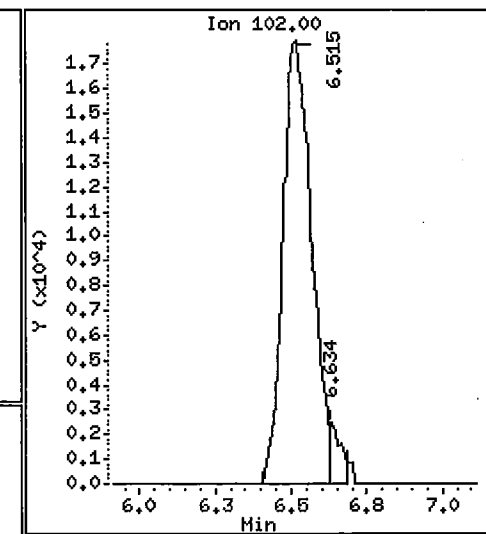
Concentration: 42.37 ug/Kg

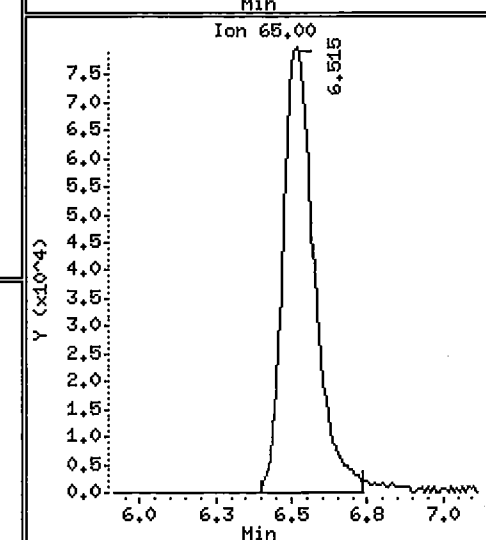












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13260.D

Date : 21-OCT-2000 02:14

Client ID: D13260

Instrument: md.i

Sample Info: DLTCH101,,2,,0,1,0,8260BDA.M,D13260

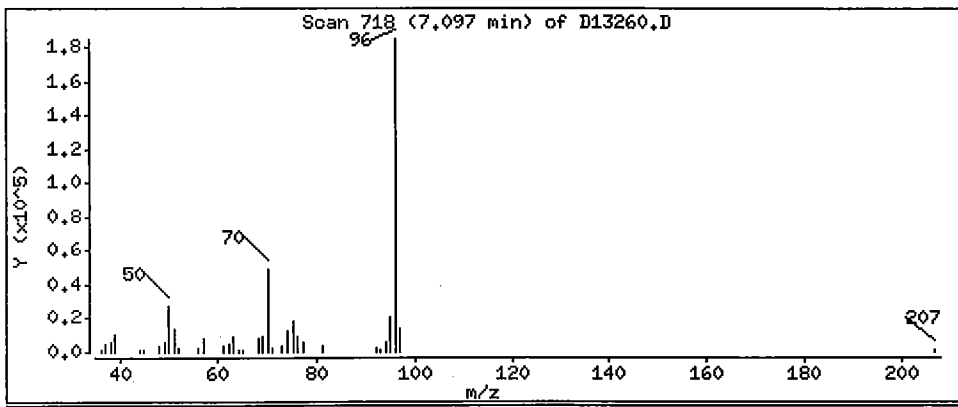
Operator: AD

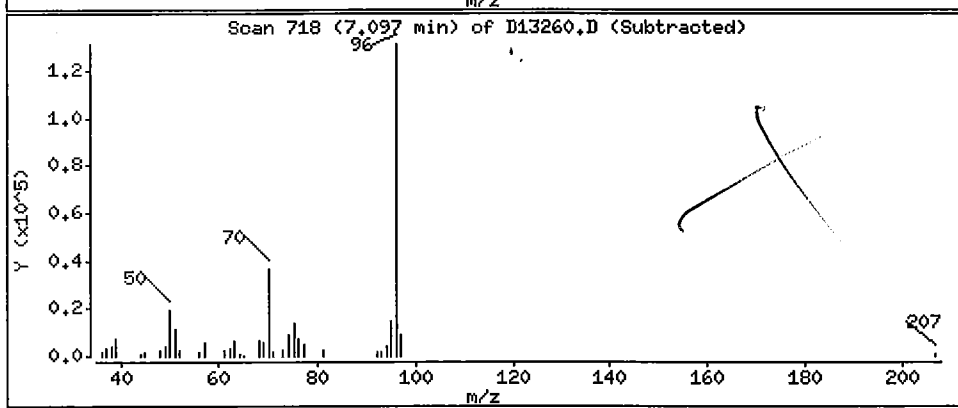
Column phase: J&W DB-624

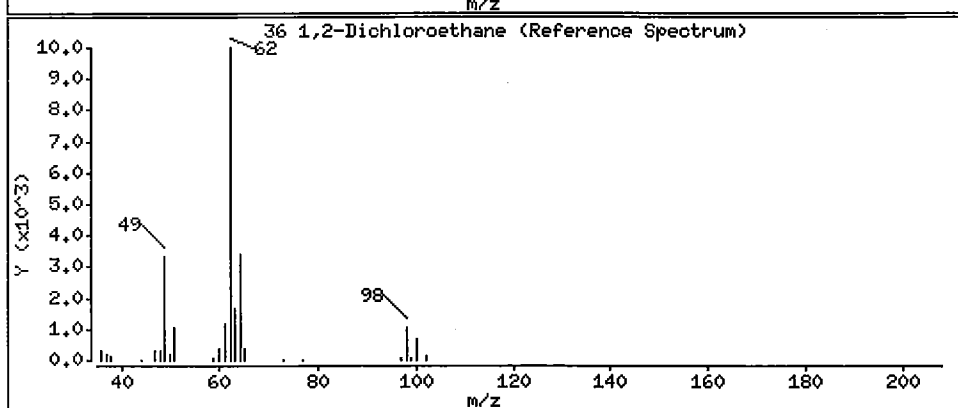
Column diameter: 0.53

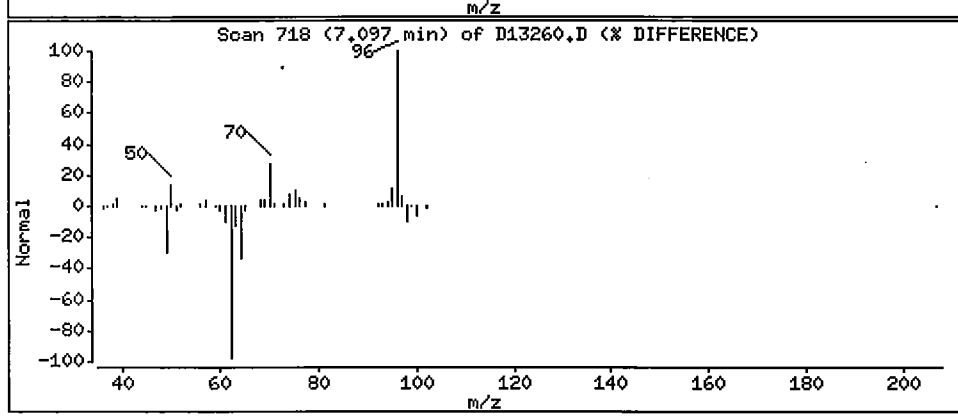
36 1,2-Dichloroethane

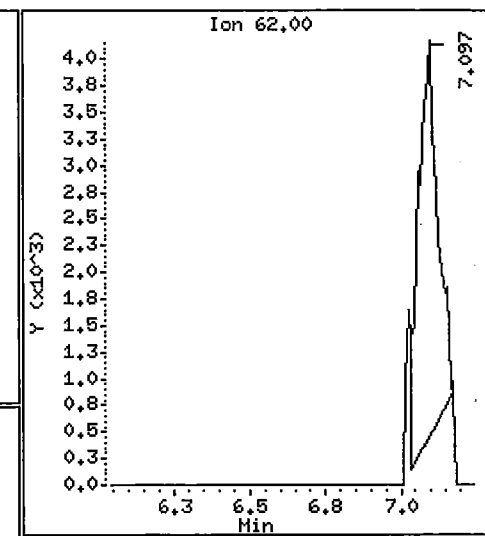
Concentration: 1.09 ug/Kg

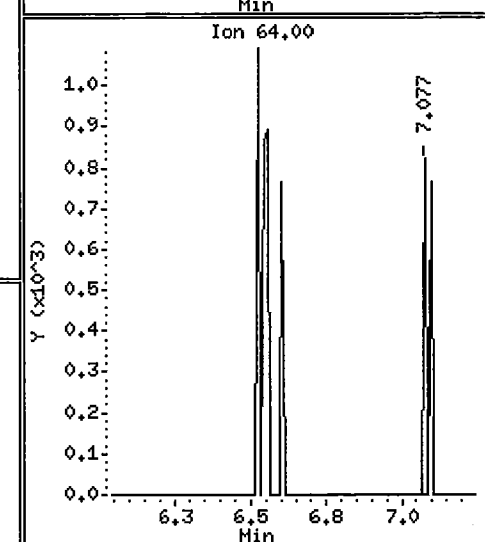


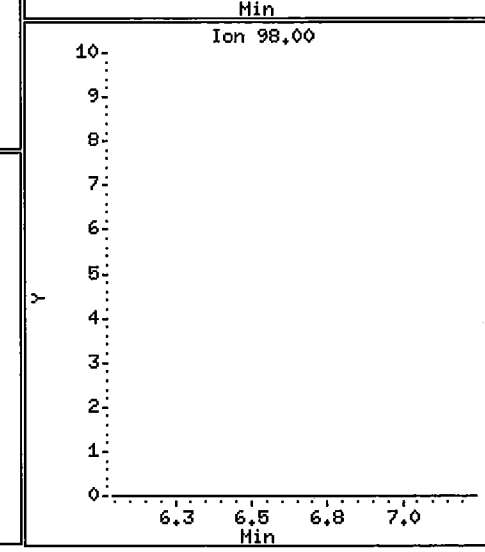












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13260.D

Date : 21-OCT-2000 02:14

Client ID: D13260

Instrument: md.i

Sample Info: DLTCH101,,2,,0,1,0,8260BDA.M,D13260

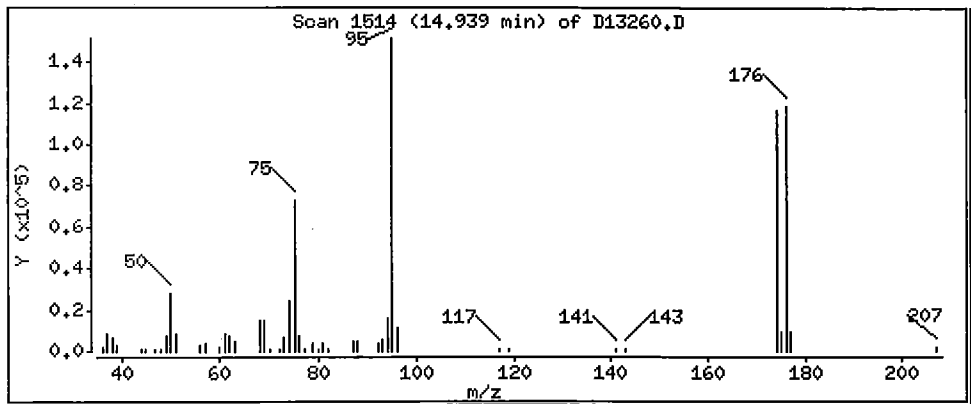
Operator: AD

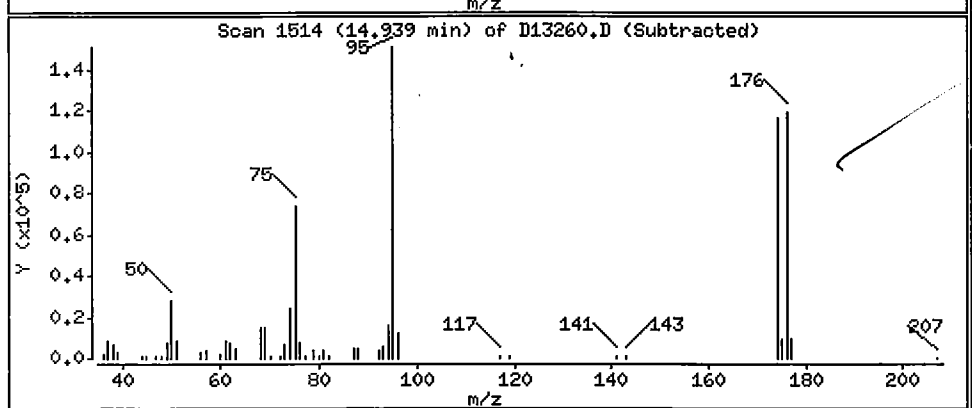
Column phase: J&W DB-624

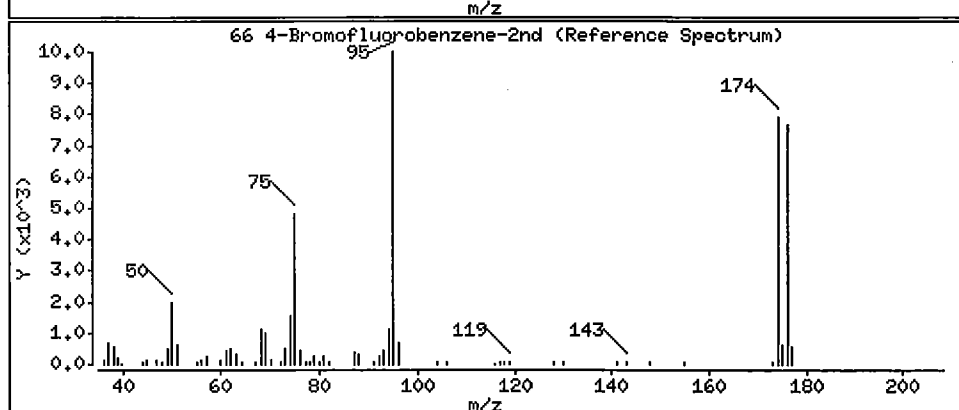
Column diameter: 0.53

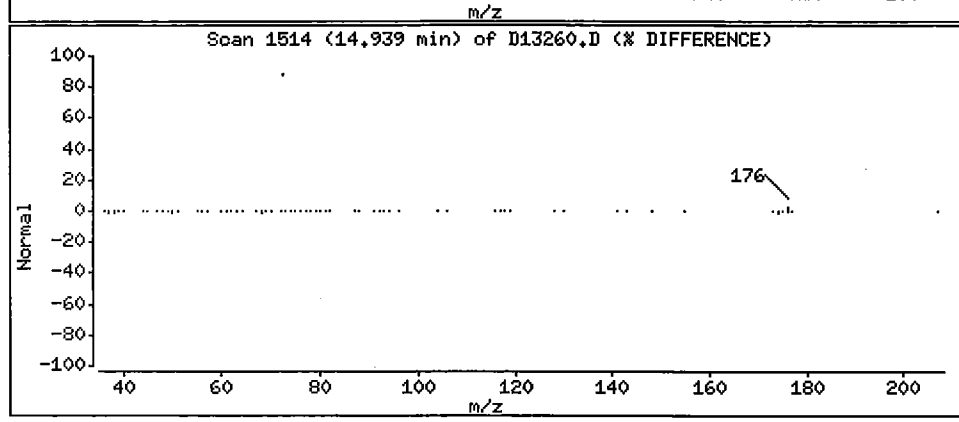
66 4-Bromofluorobenzene-2nd

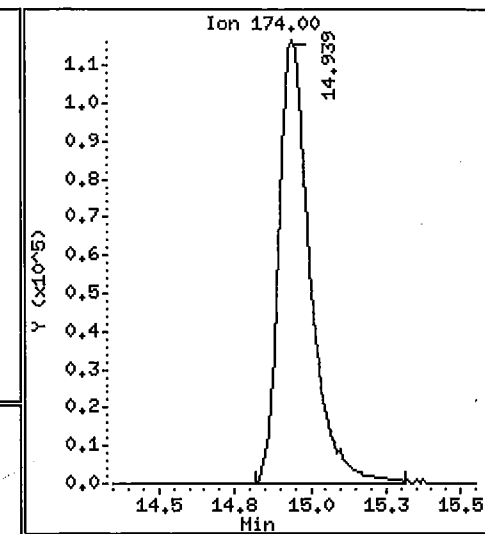
Concentration: 46.29 ug/Kg

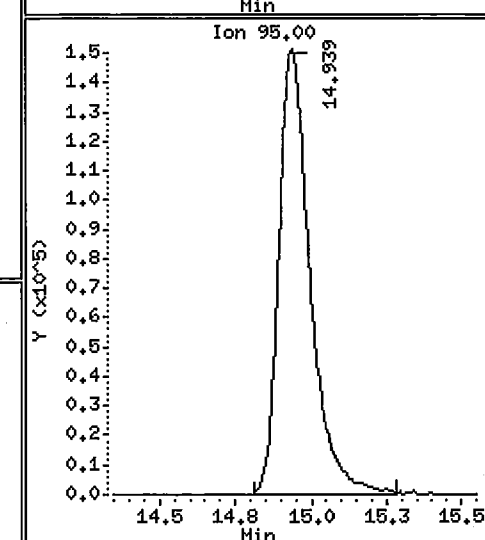


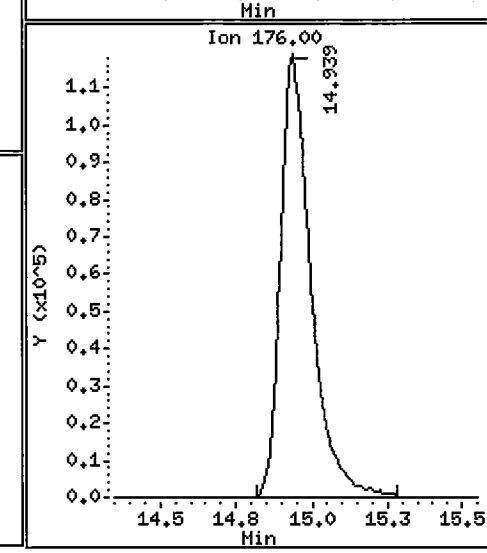












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13260.D

Date : 21-OCT-2000 02:14

Client ID: D13260

Instrument: md.i

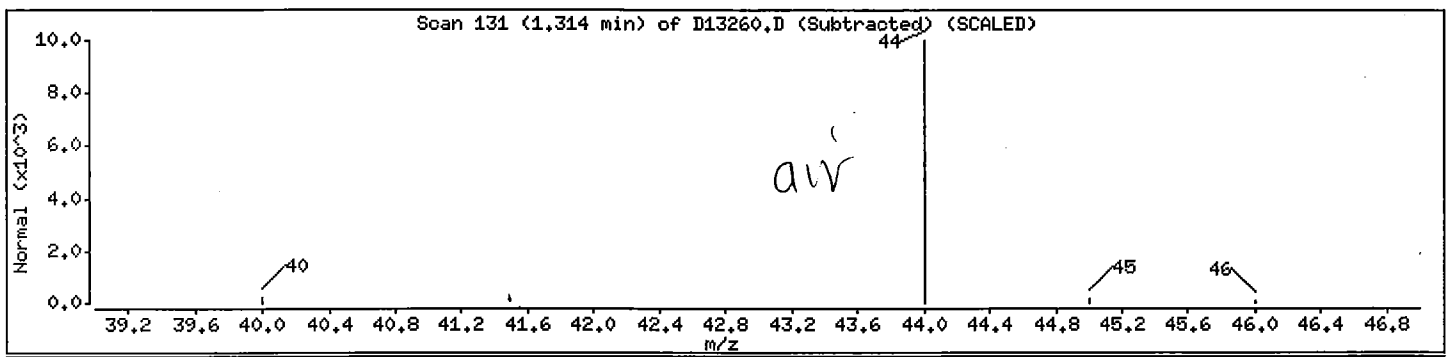
Sample Info: DLTCH101,,2,,0,1,0,8260BDA.M,D13260

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13261.D
Lab Smp Id: DLTCK101 Client Smp ID: D13261
Inj Date : 21-OCT-2000 02:45
Operator : AD Inst ID: md.i
Smp Info : DLTCK101,,2,,0,1,0,8260BDA.M,D13261
Misc Info : E0J090227-6,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.879	2.870	(0.406)	13233	9.01404	9.01
$ 29 Dibromofluoromethane	111	5.982	5.983	(0.844)	893106	47.3507	47.35
$ 33 1,2-Dichloroethane-d4	65	6.514	6.525	(0.919)	552749	43.4169	43.42
34 1,2-Dichloroethane-d4 2nd	102	6.524	6.515	(0.921)	111865	43.5526	43.55
* 38 Fluorobenzene	96	7.086	7.096	(1.000)	1326042	50.0000	
$ 47 Toluene-d8	98	9.913	9.924	(0.787)	1300962	48.6915	48.69
* 56 Chlorobenzene-d5	117	12.603	12.604	(1.000)	1154160	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.948	14.948	(0.866)	794393	49.1695	49.17
$ 67 4-Bromofluorobenzene	95	14.938	14.948	(0.866)	1018927	47.2527	47.25
* 79 1,4-Dichlorobenzene-d4	152	17.253	17.264	(1.000)	811383	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13261.D
Lab Smp Id: DLTCK101 Client Smp ID: D13261
Inj Date : 21-OCT-2000 02:45
Operator : AD Inst ID: md.i
Smp Info : DLTCK101,,2,,0,1,0,8260BDA.M,D13261
Misc Info : E0J090227-6,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.086	2988106	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	452085	7.56473523	7.56	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTCK101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13261
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

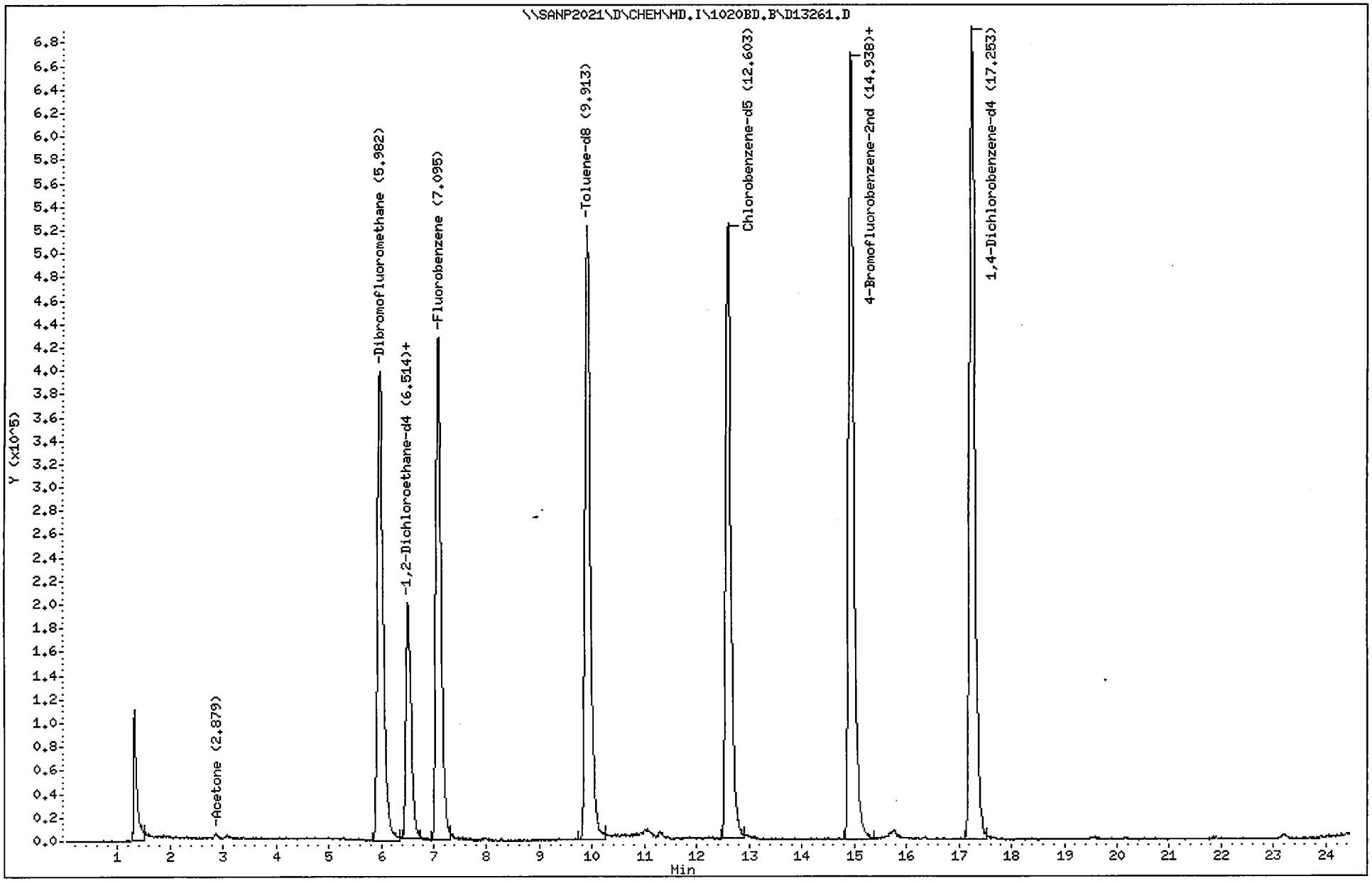
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ Alv	1.322	7.56	J

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13261.D
Date : 21-OCT-2000 02:45
Client ID: D13261
Sample Info: DLTCK101,,2,,0,1,0,8260BDA.M,D13261

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



BOE-C6-0150894

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13261.D

Date : 21-OCT-2000 02:45

Client ID: D13261

Instrument: md.i

Sample Info: DLTCK101,,2,,0,1,0,8260BDA.M,D13261

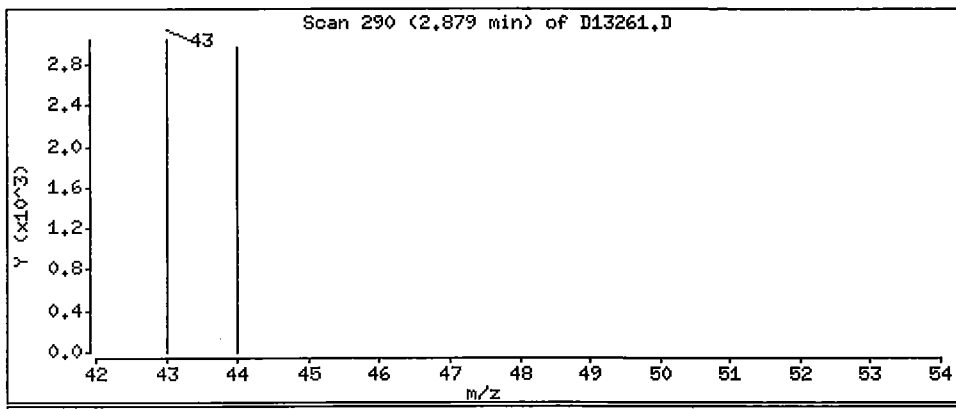
Operator: AD

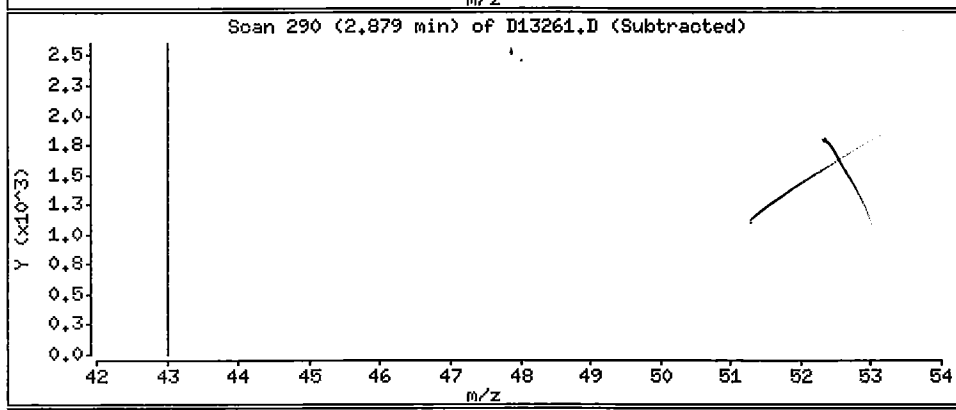
Column phase: J&W DB-624

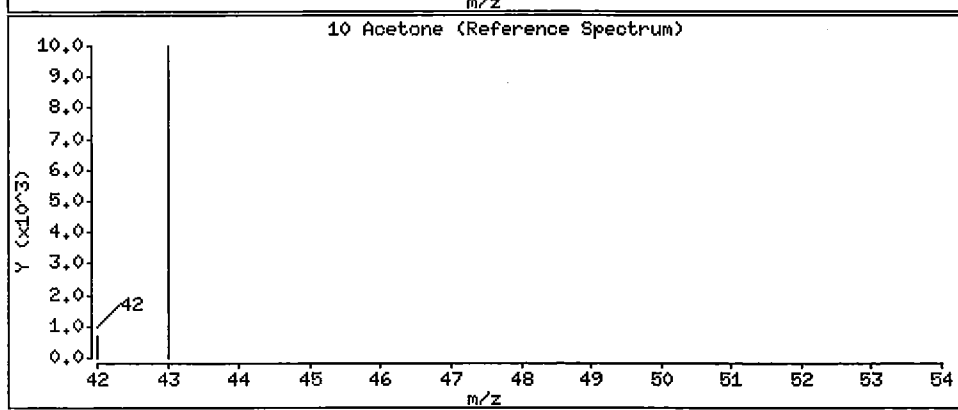
Column diameter: 0.53

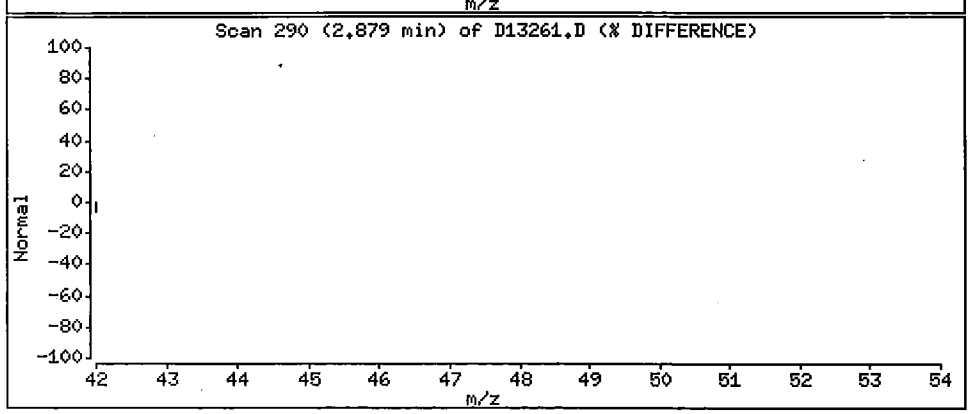
10 Acetone

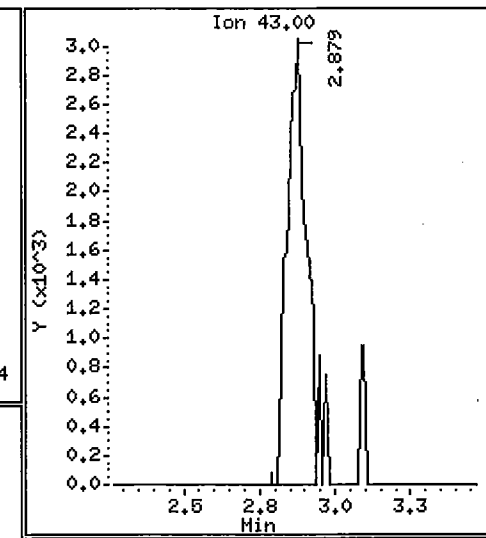
Concentration: 9.01 ug/Kg

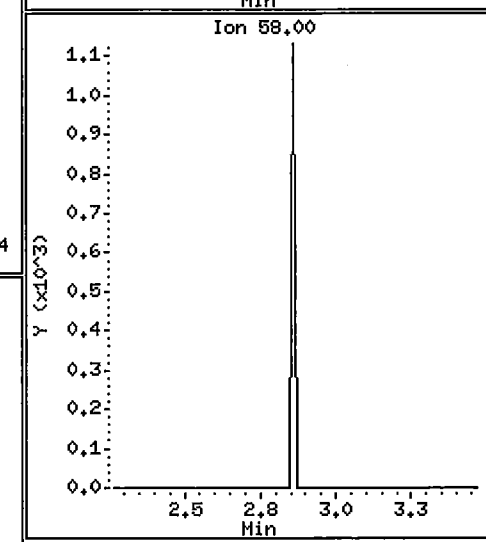












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13261.D

Date : 21-OCT-2000 02:45

Client ID: D13261

Instrument: md.i

Sample Info: DLTCK101,,2,,0,1,0,8260BDA,M,D13261

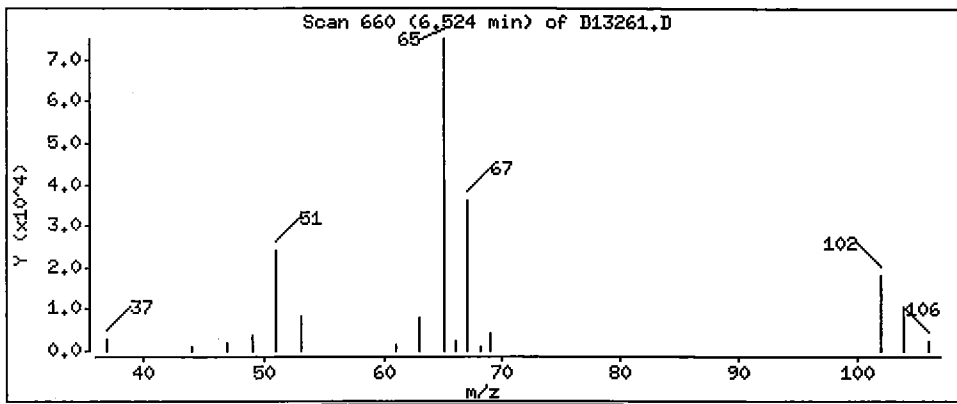
Operator: AD

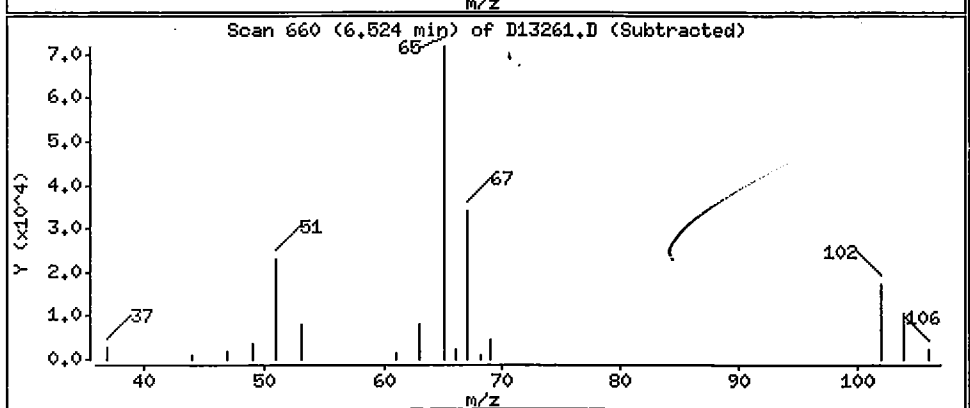
Column phase: J&W DB-624

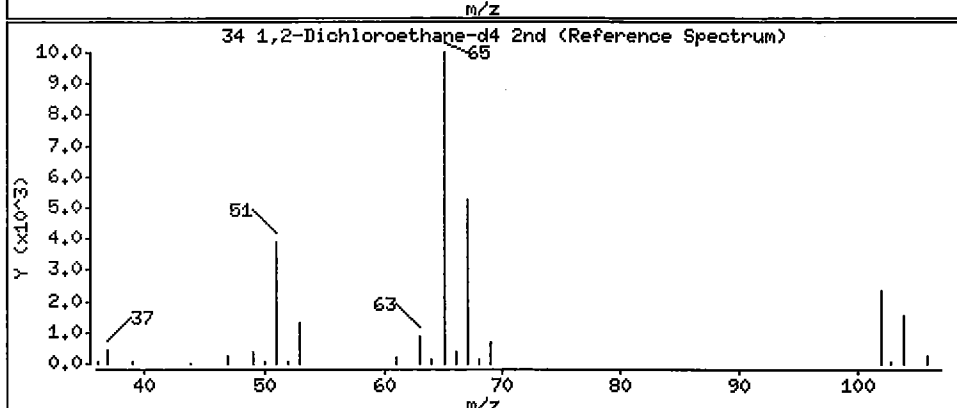
Column diameter: 0.53

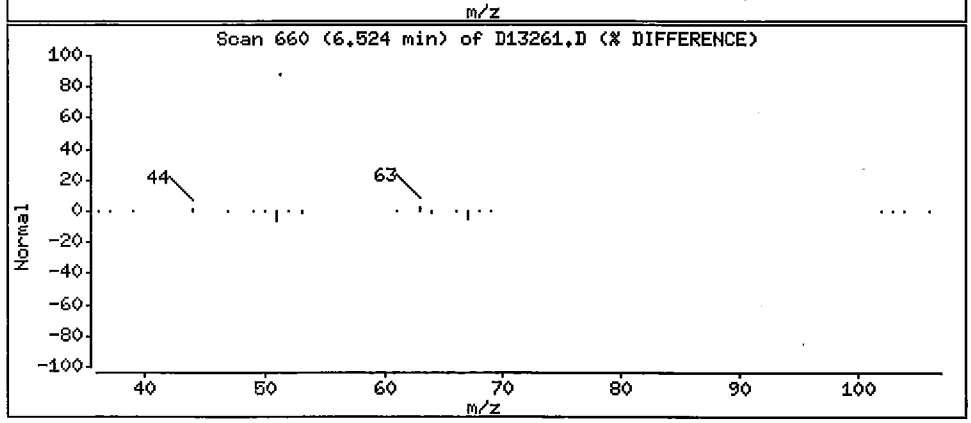
34 1,2-Dichloroethane-d4 2nd

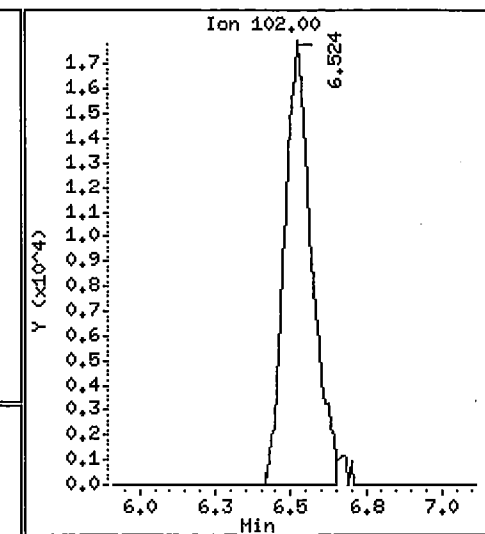
Concentration: 43.55 ug/Kg

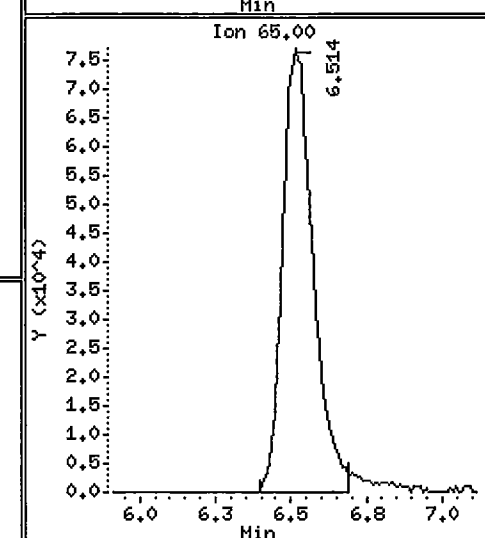












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13261.D

Date : 21-OCT-2000 02:45

Client ID: D13261

Instrument: md.i

Sample Info: DLTCK101,,2,,0,1,0,8260BDA.M,D13261

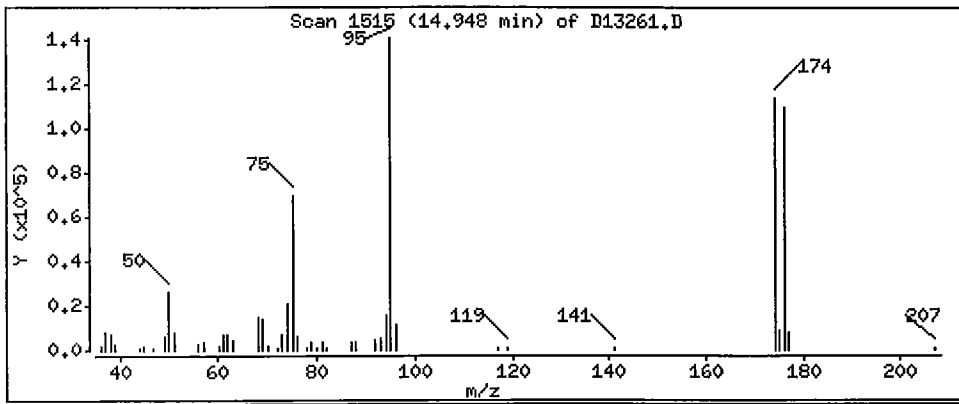
Operator: AD

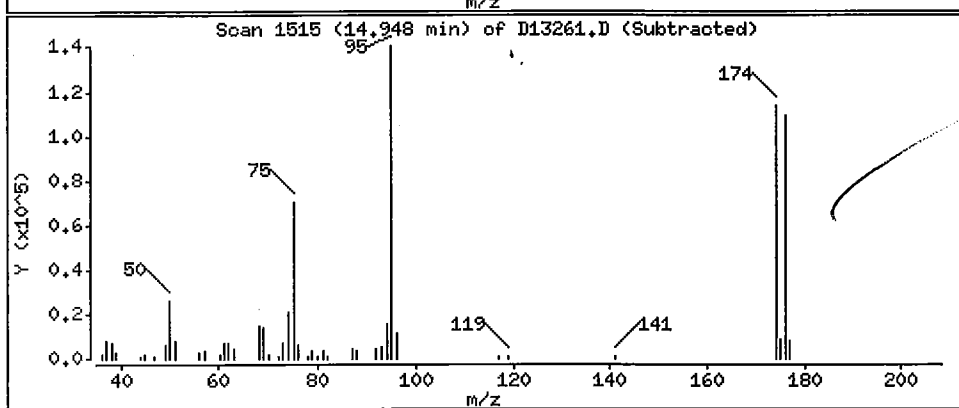
Column phase: J&W DB-624

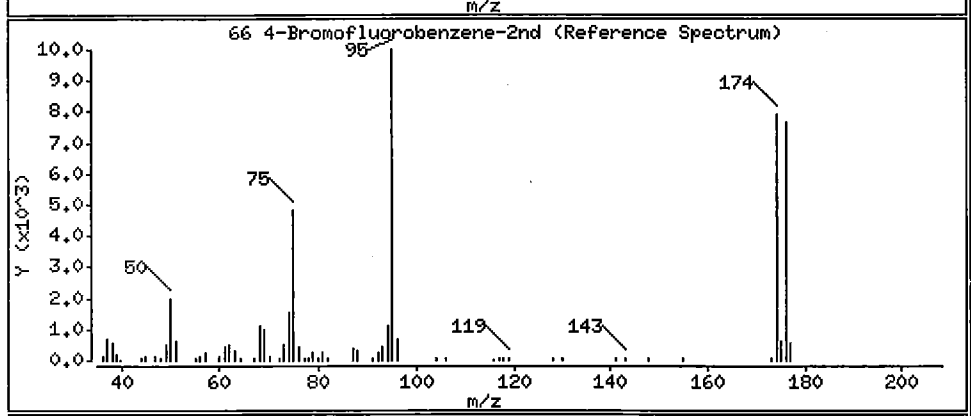
Column diameter: 0.53

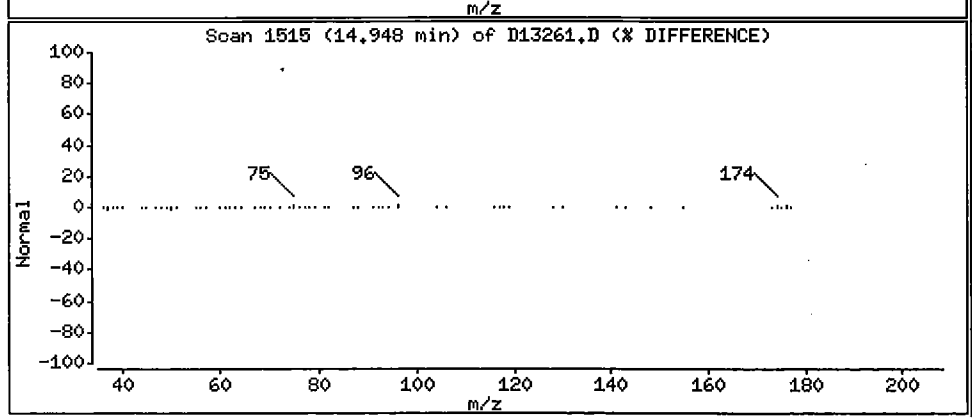
66 4-Bromofluorobenzene-2nd

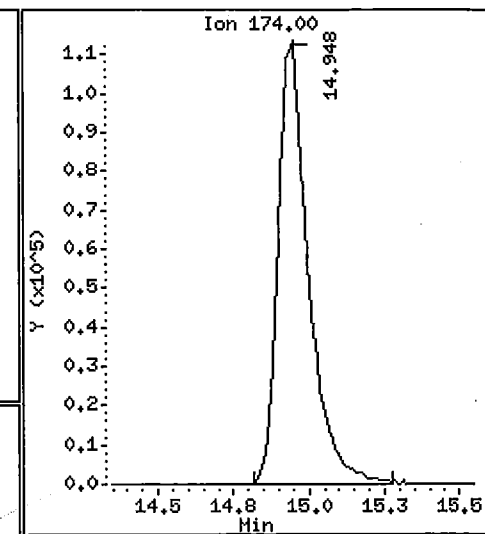
Concentration: 49.17 ug/Kg

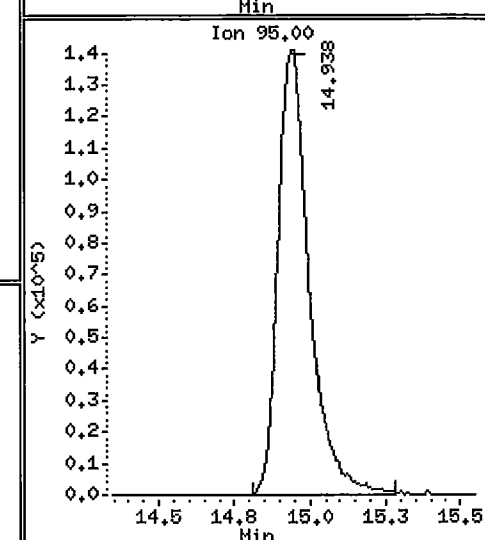


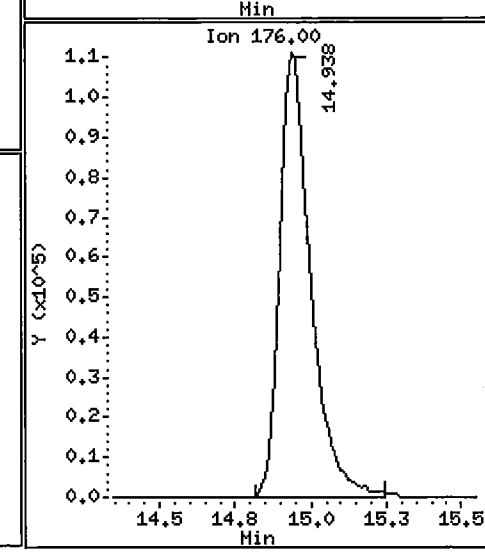












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13261.D

Date : 21-OCT-2000 02:45

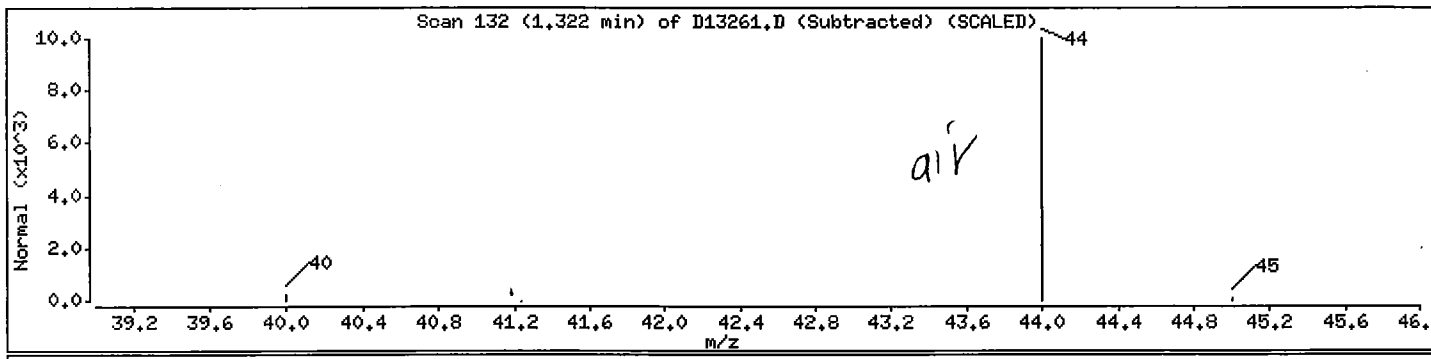
Client ID: D13261 Instrument: md.i

Sample Info: DLTCK101,,2,,0,1,0,8260BDA.M,D13261

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13263.D
Lab Smp Id: DLTCM101 Client Smp ID: D13263
Inj Date : 21-OCT-2000 03:49
Operator : AD Inst ID: md.i
Smp Info : DLTCM101,,2,,0,1,0,8260BDA.M,D13263
Misc Info : E0J090227-8,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
10 Acetone	43	2.879	2.870	(0.406)	14522	9.35027	9.35	
$ 29 Dibromofluoromethane	111	5.992	5.983	(0.844)	912958	45.7525	45.75	
$ 33 1,2-Dichloroethane-d4	65	6.524	6.525	(0.919)	584958	43.4306	43.43	
34 1,2-Dichloroethane-d4 2nd	102	6.514	6.515	(0.918)	121031	44.5407	44.54	
* 38 Fluorobenzene	96	7.095	7.096	(1.000)	1402870	50.0000		
$ 47 Toluene-d8	98	9.923	9.924	(0.787)	1294427	44.8033	44.80	
* 56 Chlorobenzene-d5	117	12.603	12.604	(1.000)	1248023	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.928	14.948	(0.866)	828801	46.9354	46.94	
$ 67 4-Bromofluorobenzene	95	14.938	14.948	(0.866)	1052090	44.6402	44.64	
* 79 1,4-Dichlorobenzene-d4	152	17.243	17.264	(1.000)	886820	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13263.D
Lab Smp Id: DLTCM101 Client Smp ID: D13263
Inj Date : 21-OCT-2000 03:49
Operator : AD Inst ID: md.i
Smp Info : DLTCM101,,2,,0,1,0,8260BDA.M,D13263
Misc Info : E0J090227-8,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.095	3221490	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	748348	11.6149370	11.61	0		0	38

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TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTCM101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13263
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ gi	1.322	11.61	_J__

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13263.D

Date : 21-OCT-2000 03:49

Client ID: D13263

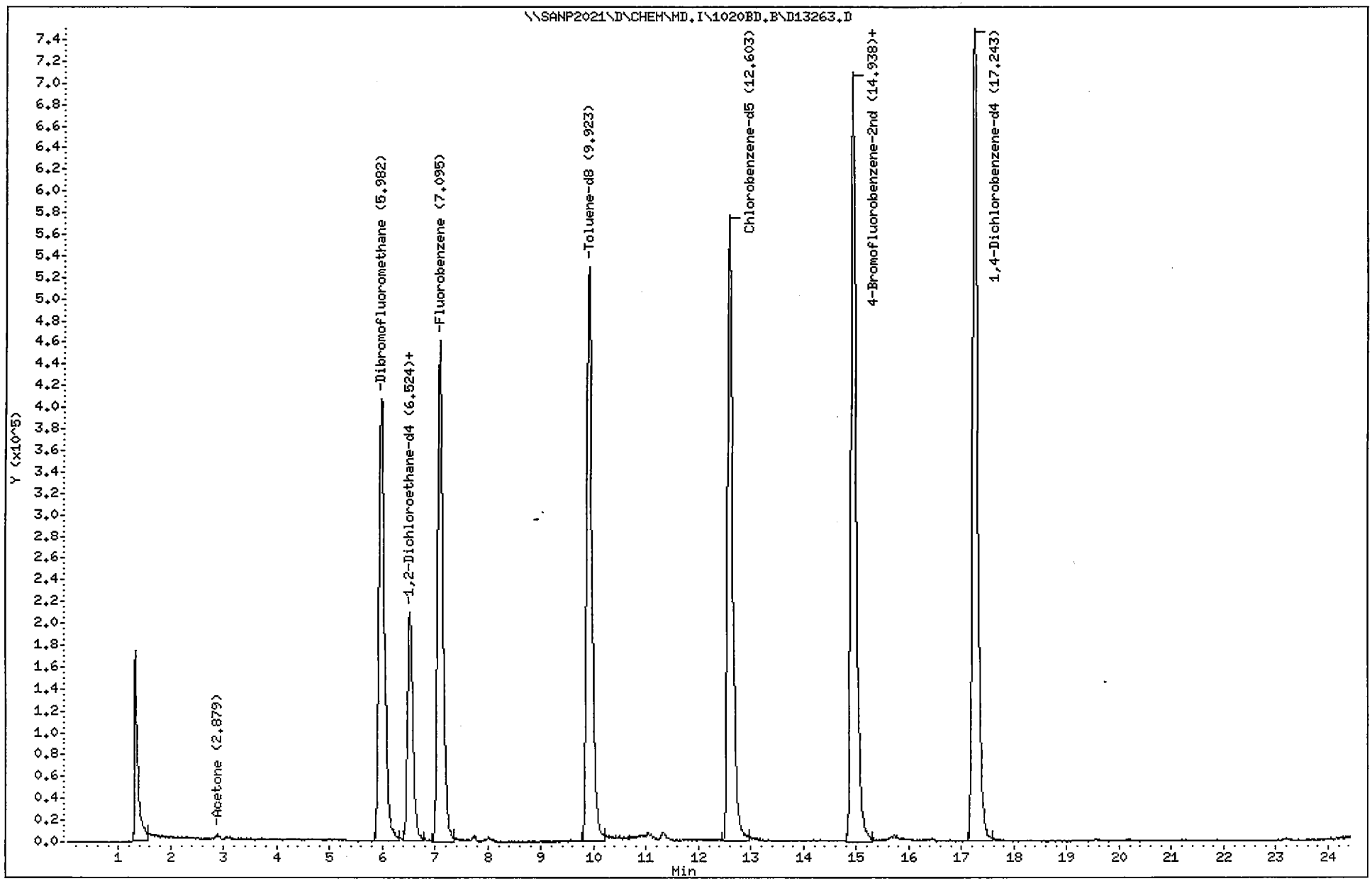
Sample Info: DLTCM101,,2,,0,1,0,8260BDA.M,D13263

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



000480

BOE-C6-0150903

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13263.D

Date : 21-OCT-2000 03:49

Client ID: D13263

Instrument: md.i

Sample Info: DLTCM101,,2,,0,1,0,8260BDA.M,D13263

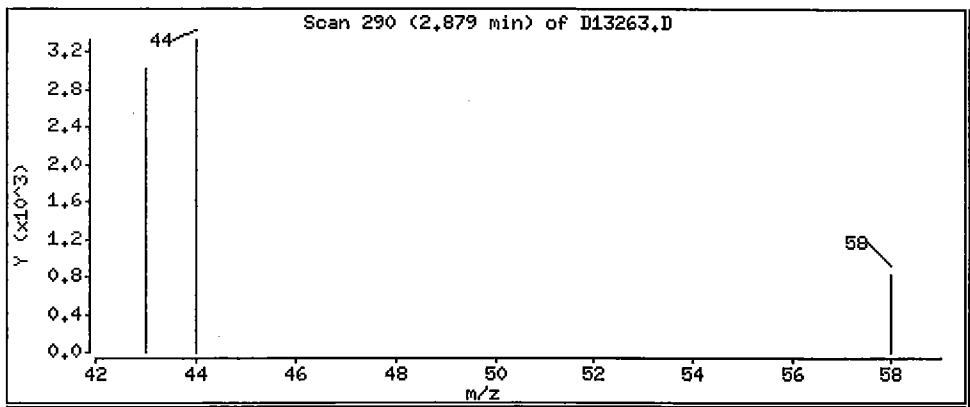
Operator: AD

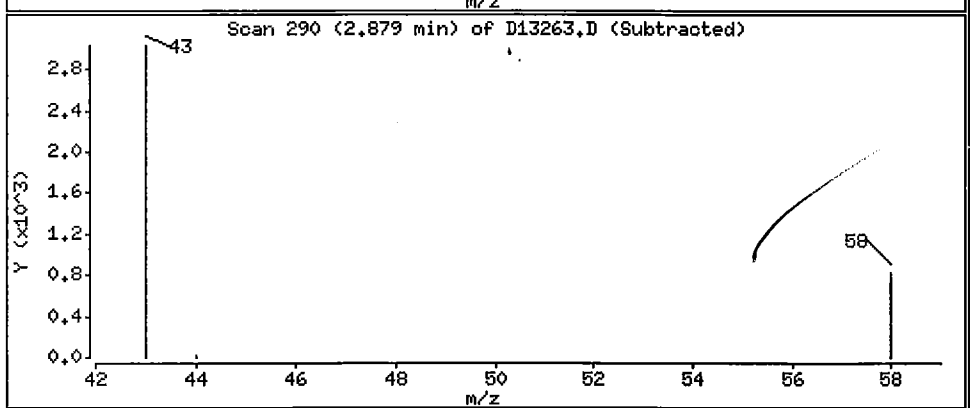
Column phase: J&W DB-624

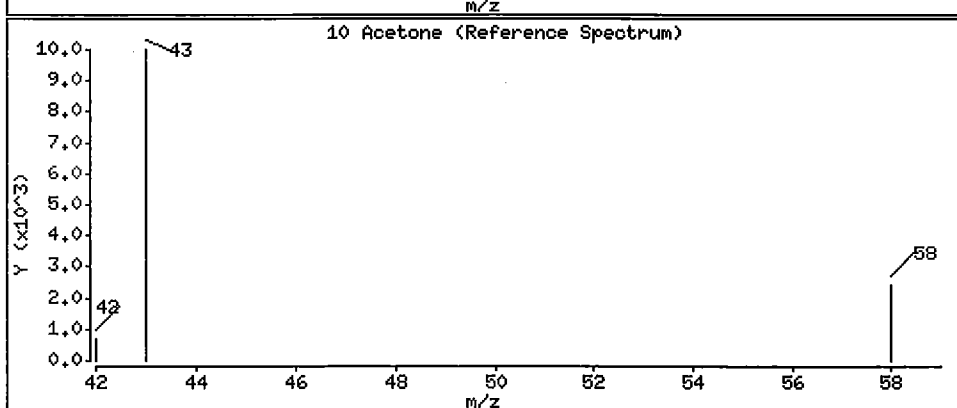
Column diameter: 0.53

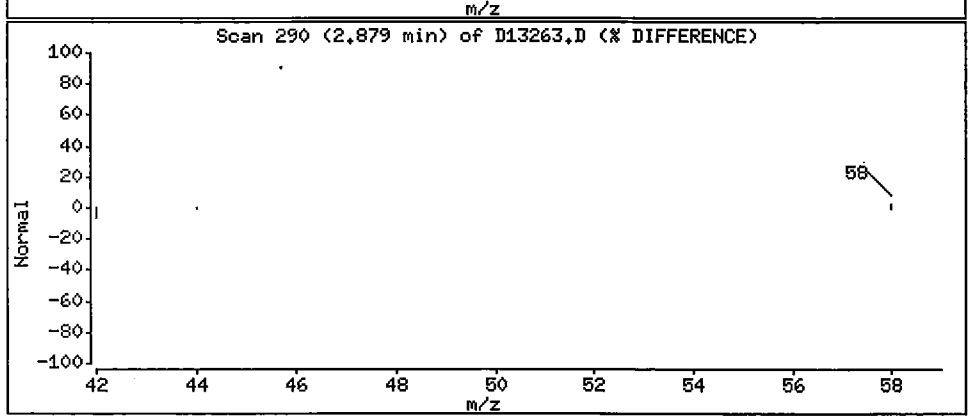
10 Acetone

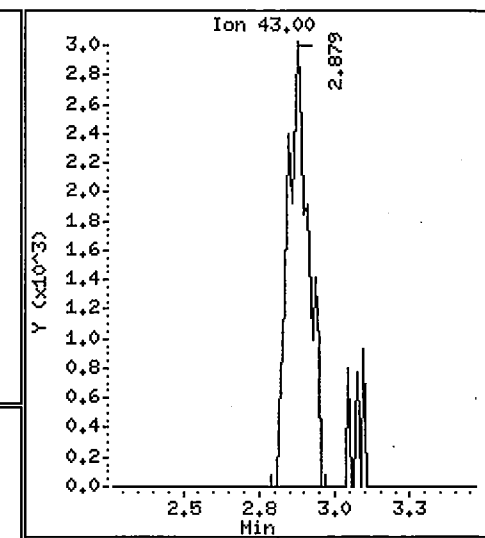
Concentration: 9.35 ug/Kg

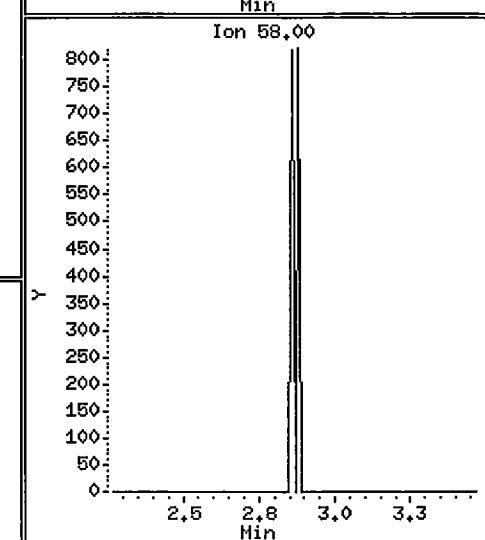












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13263.D

Date : 21-OCT-2000 03:49

Client ID: D13263

Instrument: md.i

Sample Info: DLTCM101,,2,,0,1,0,8260BDA.M,D13263

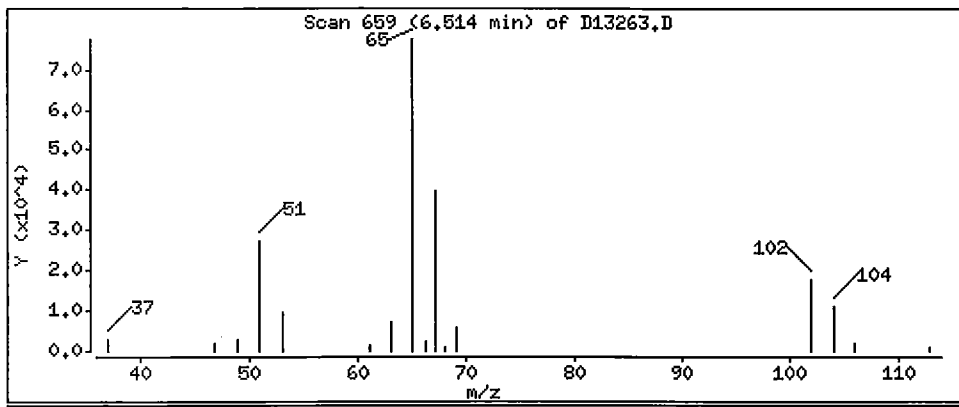
Operator: AD

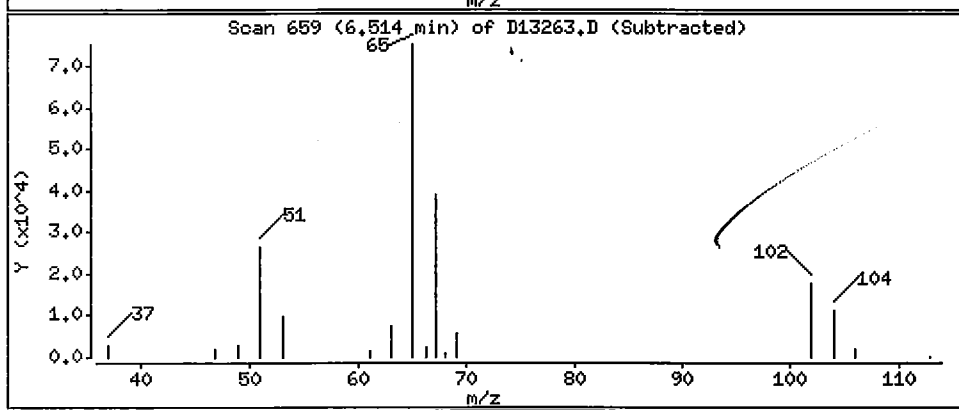
Column phase: J&W DB-624

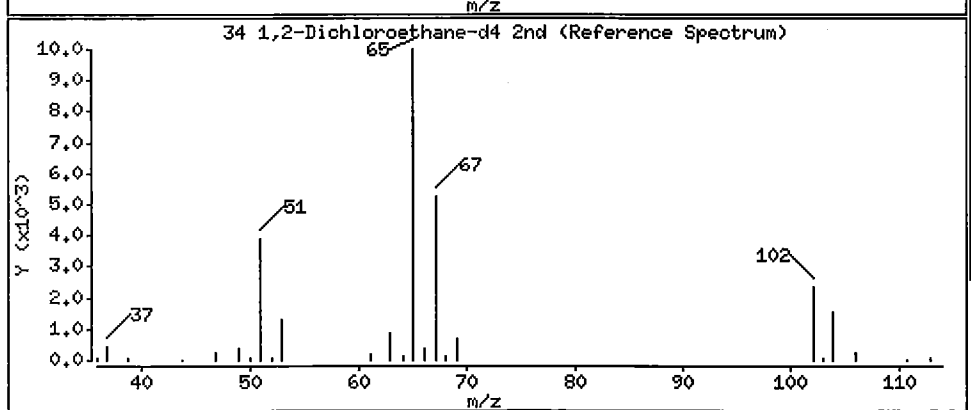
Column diameter: 0.53

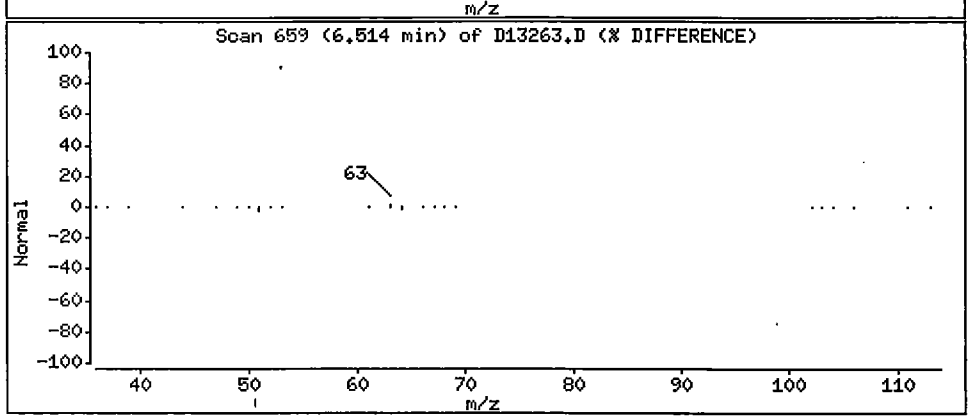
34 1,2-Dichloroethane-d4 2nd

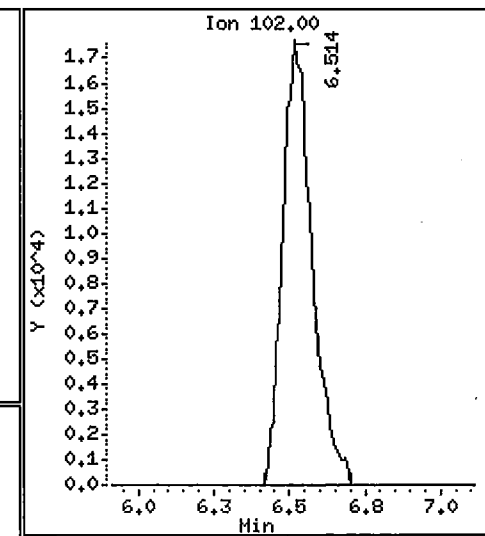
Concentration: 44.54 ug/Kg

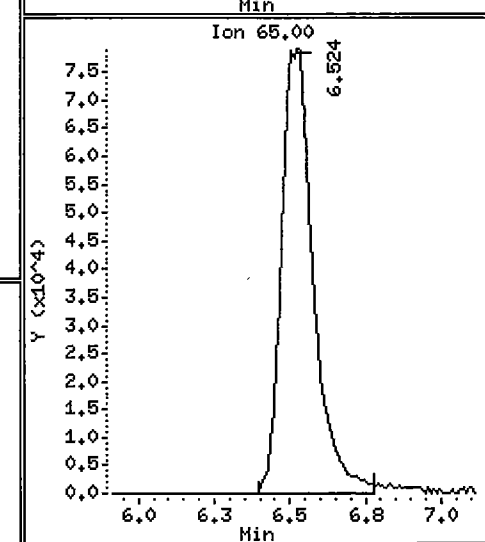












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13263.D

Date : 21-OCT-2000 03:49

Client ID: D13263

Instrument: md.i

Sample Info: DLTCM101,,2,,0,1,0,8260BDA.M,D13263

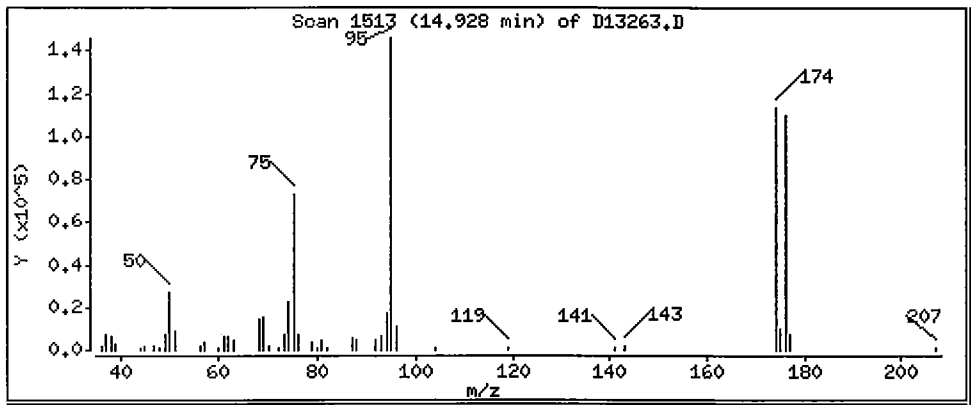
Operator: AD

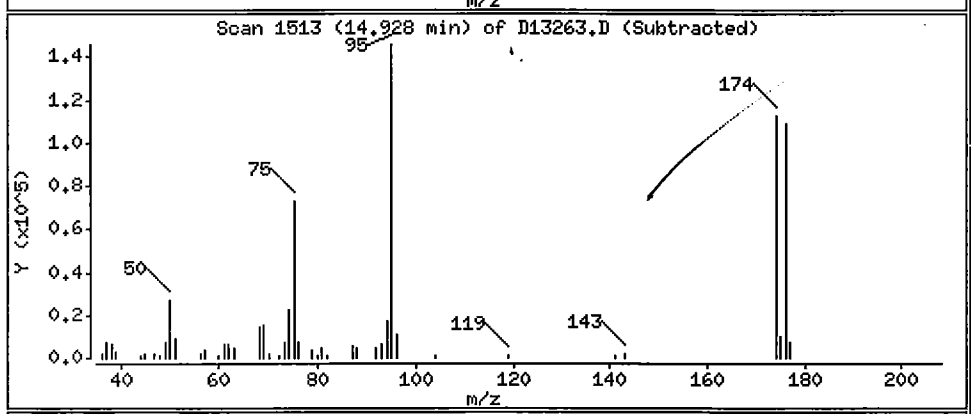
Column phase: J&W DB-624

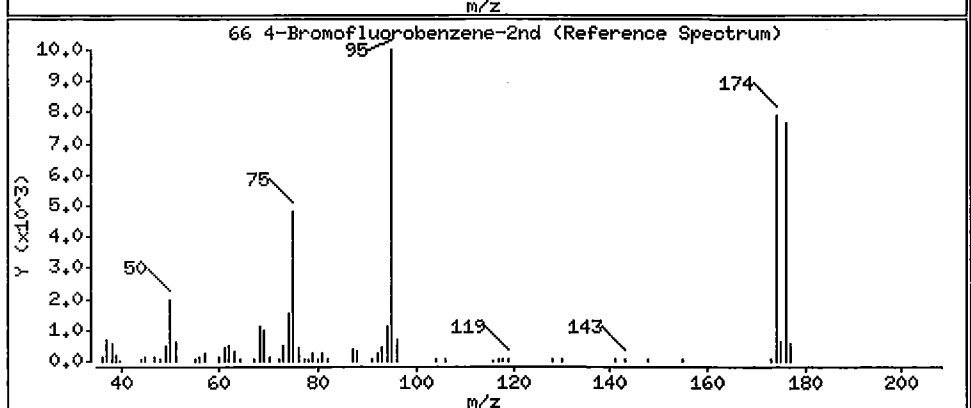
Column diameter: 0.53

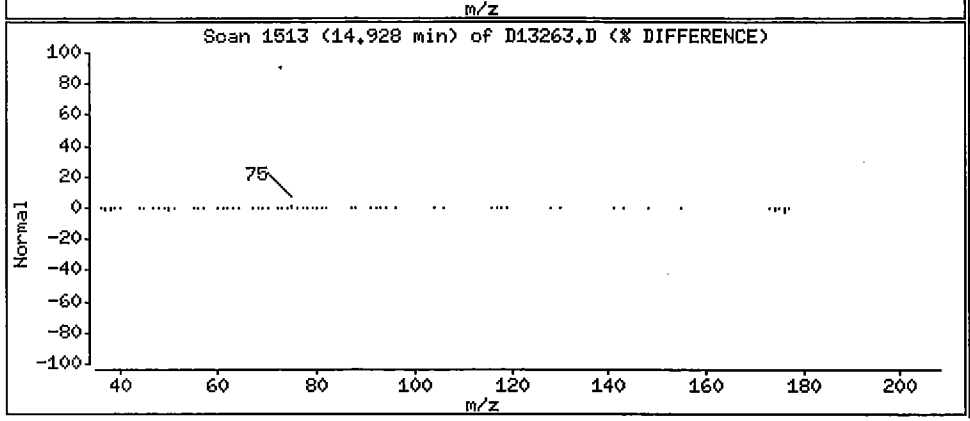
66 4-Bromofluorobenzene-2nd

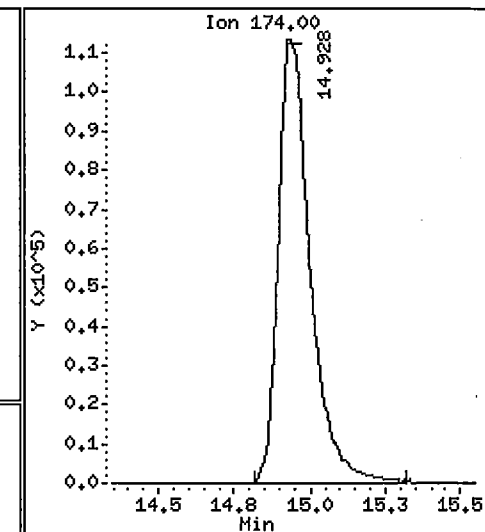
Concentration: 46.94 ug/Kg

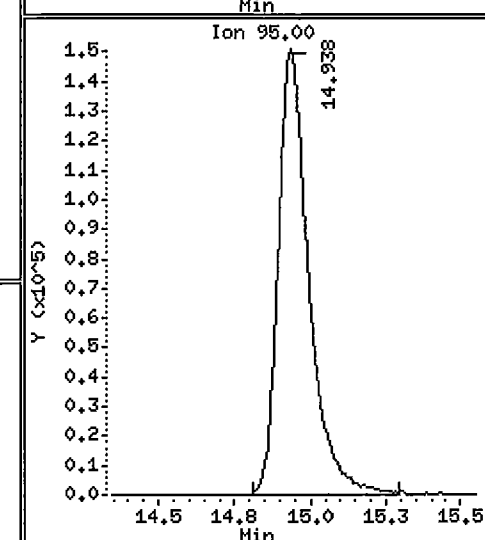


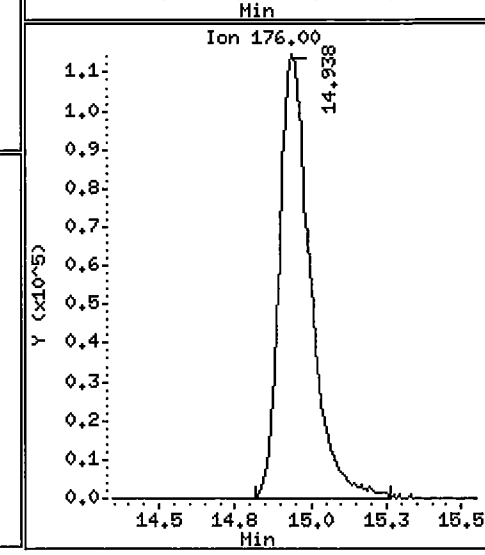












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13263.D

Date : 21-OCT-2000 03:49

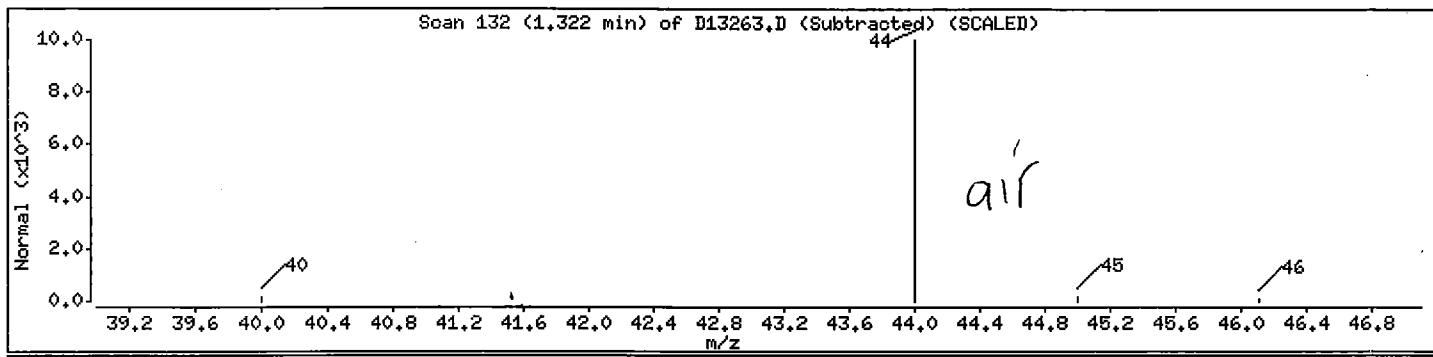
Client ID: D13263 Instrument: md.i

Sample Info: DLTCM101,,2,,0,1,0,8260BDA.M,D13263

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13264.D
Lab Smp Id: DLTCN101 Client Smp ID: D13264
Inj Date : 21-OCT-2000 04:21
Operator : AD Inst ID: md.i
Smp Info : DLTCN101,,2,,0,1,0,8260BDA.M,D13264
Misc Info : E0J090227-9,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.868	2.870	(0.405)	19274	12.1867	12.19
$ 29 Dibromofluoromethane	111	5.961	5.983	(0.841)	945115	46.5115	46.51
$ 33 1,2-Dichloroethane-d4	65	6.503	6.525	(0.918)	604930	44.1050	44.10
34 1,2-Dichloroethane-d4 2nd	102	6.503	6.515	(0.918)	122260	44.1834	44.18
* 38 Fluorobenzene	96	7.085	7.096	(1.000)	1428584	50.0000	
$ 47 Toluene-d8	98	9.912	9.924	(0.787)	1322307	45.2891	45.29
* 56 Chlorobenzene-d5	117	12.592	12.604	(1.000)	1261226	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.937	14.948	(0.866)	838144	46.7627	46.76
$ 67 4-Bromofluorobenzene	95	14.937	14.948	(0.866)	1084448	45.3327	45.33
* 79 1,4-Dichlorobenzene-d4	152	17.242	17.264	(1.000)	900131	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTCN101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13264
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ alk	1.321	8.58	J

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13264.D
Lab Smp Id: DLTCN101 Client Smp ID: D13264
Inj Date : 21-OCT-2000 04:21
Operator : AD Inst ID: md.i
Smp Info : DLTCN101,,2,,0,1,0,8260BDA.M,D13264
Misc Info : E0J090227-9,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.085	3290178	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.321	564581	8.57978869	8.58	0		0	38

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13264.D

Date : 21-OCT-2000 04:21

Client ID: D13264

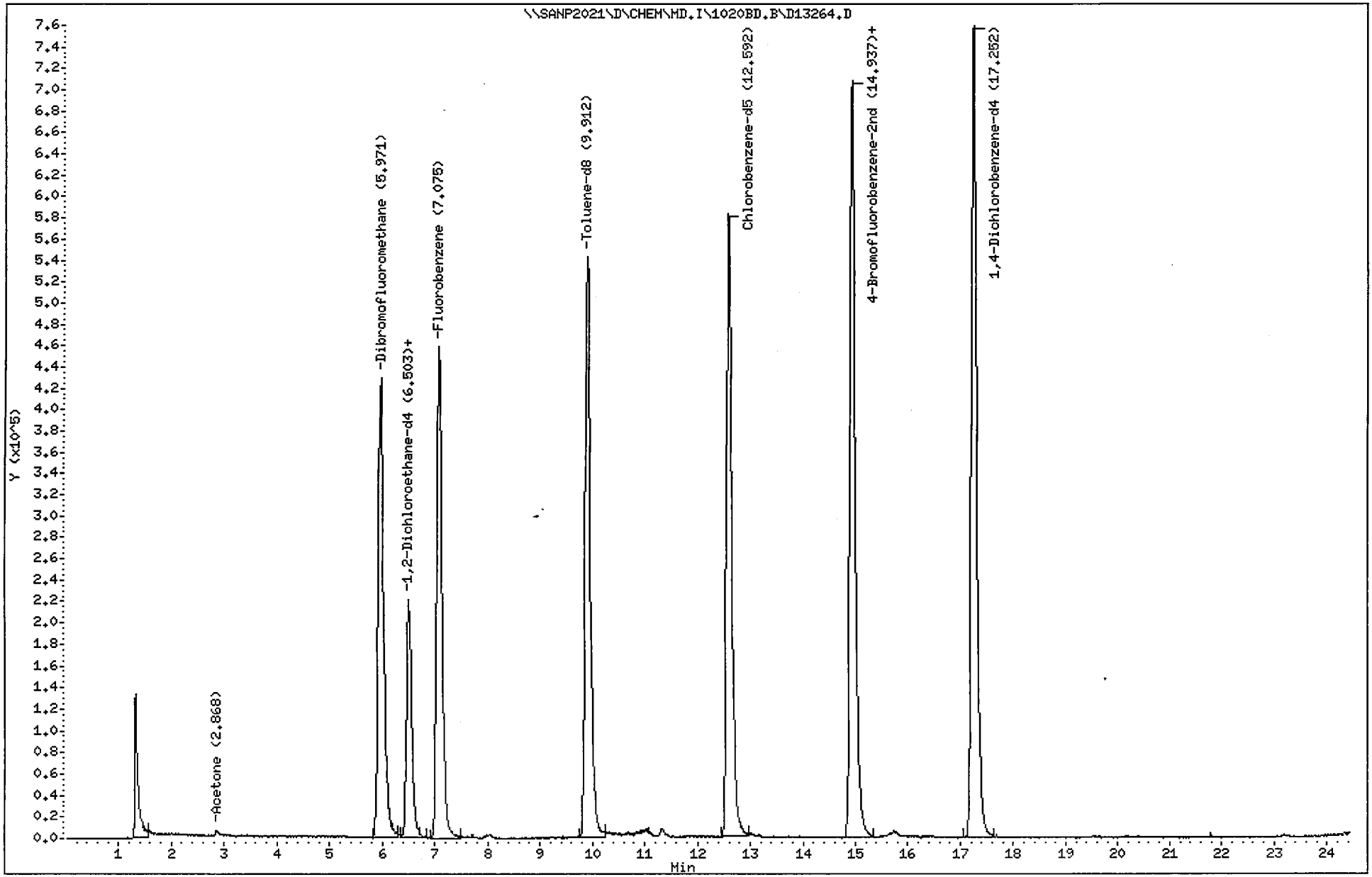
Sample Info: DLTCN101,,2,,0,1,0,8260BDA.M,D13264

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



000489

BOE-C6-0150912

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13264.D

Date : 21-OCT-2000 04:21

Client ID: D13264

Instrument: md.i

Sample Info: DLTCN101,,2,,0,1,0,8260BDA.M,D13264

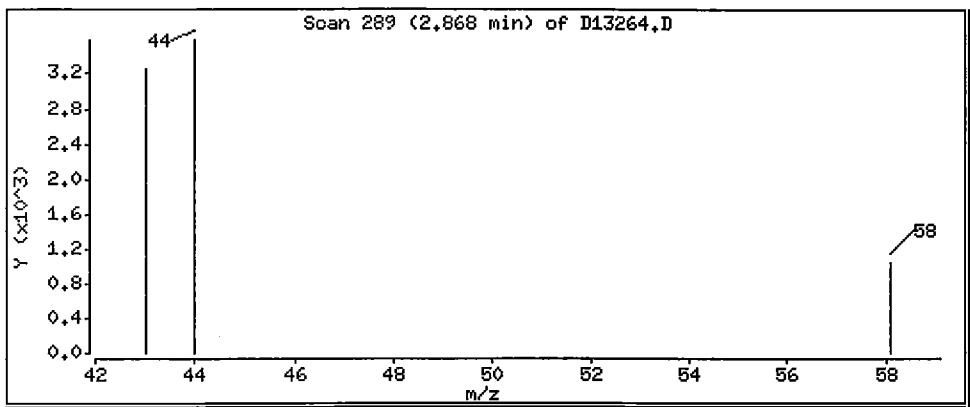
Operator: AD

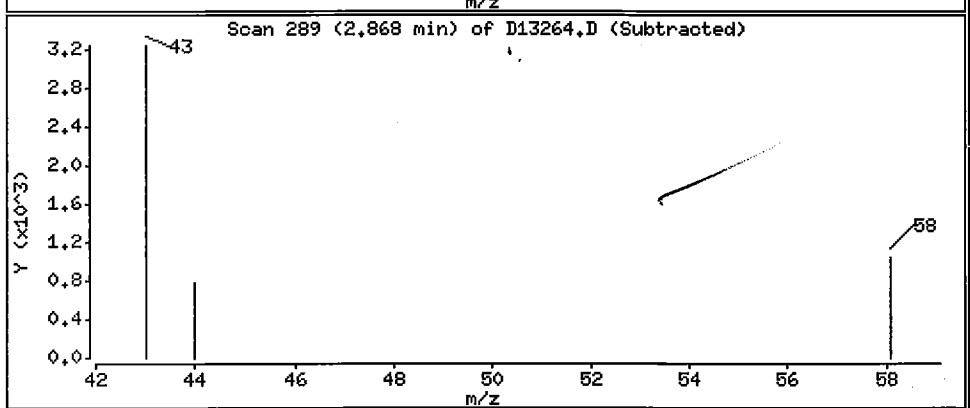
Column phase: J&W DB-624

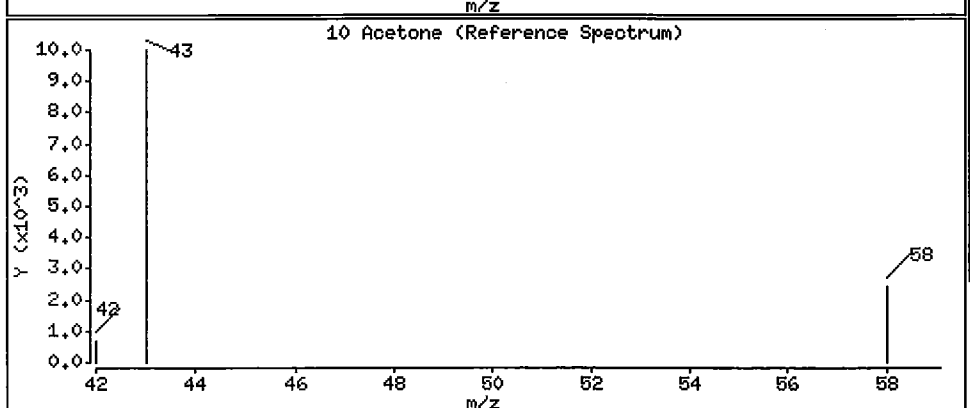
Column diameter: 0.53

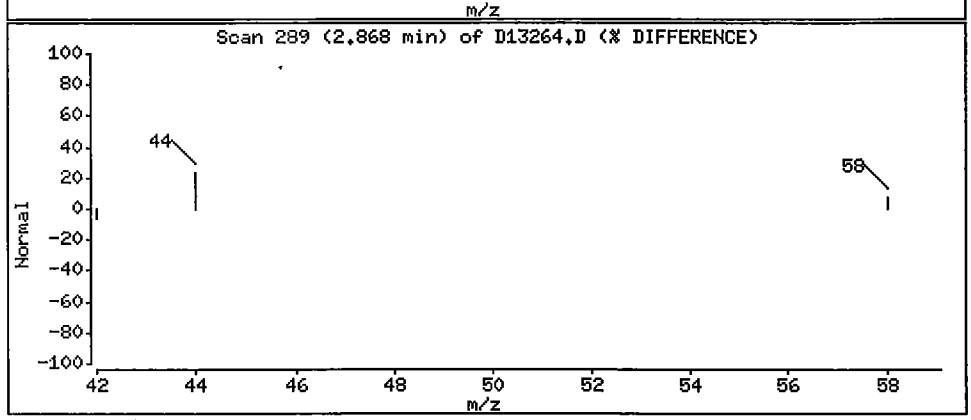
10 Acetone

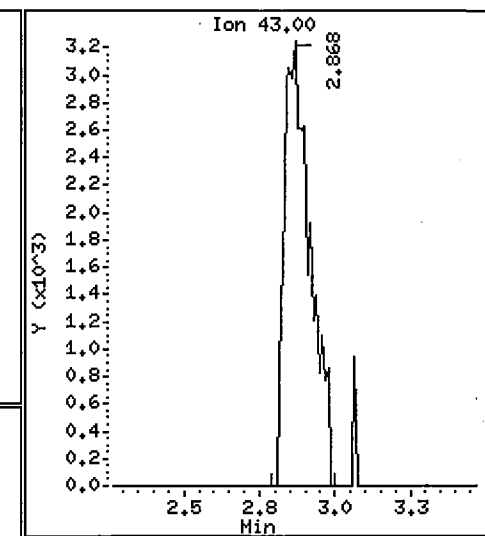
Concentration: 12.19 ug/Kg

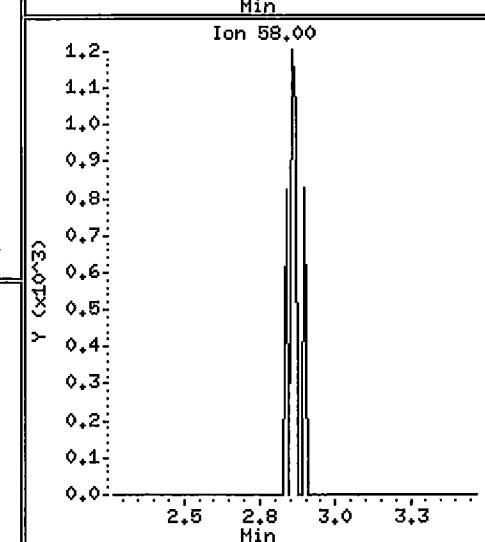












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13264.D

Date : 21-OCT-2000 04:21

Client ID: D13264

Instrument: md.i

Sample Info: DLTCN101,,2,,0,1,0,8260BDA.M,D13264

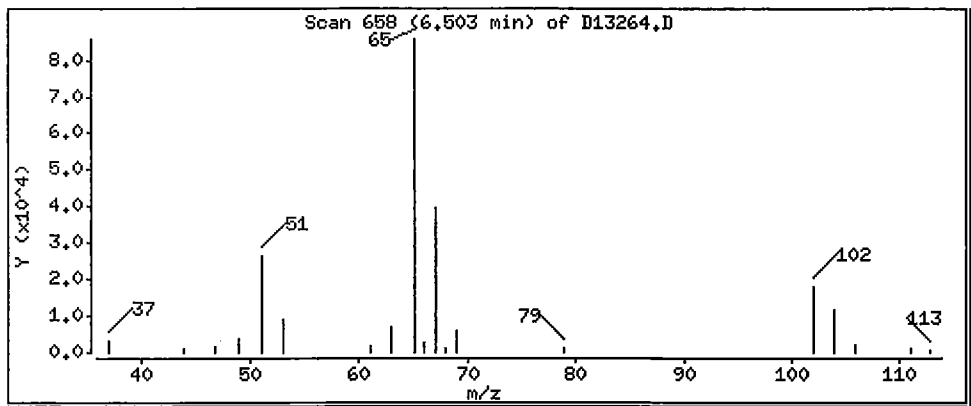
Operator: AD

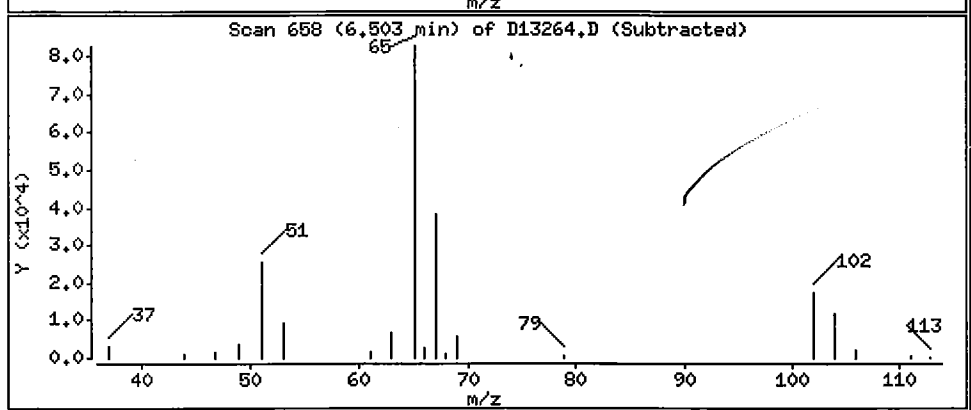
Column phase: J&W DB-624

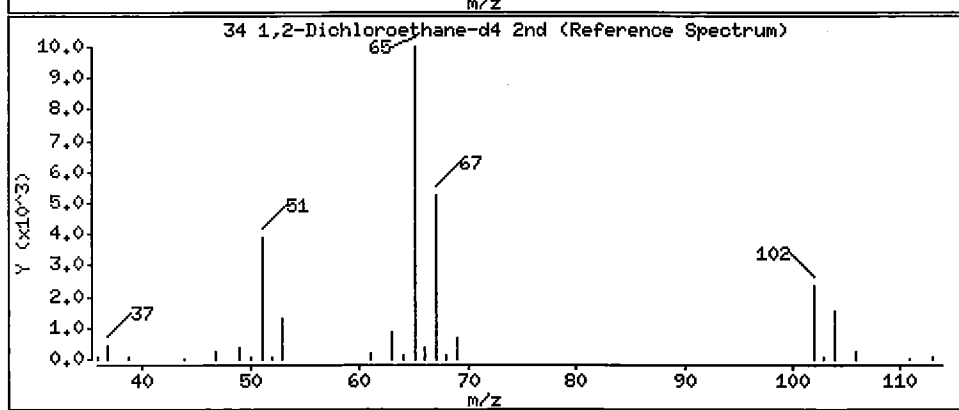
Column diameter: 0.53

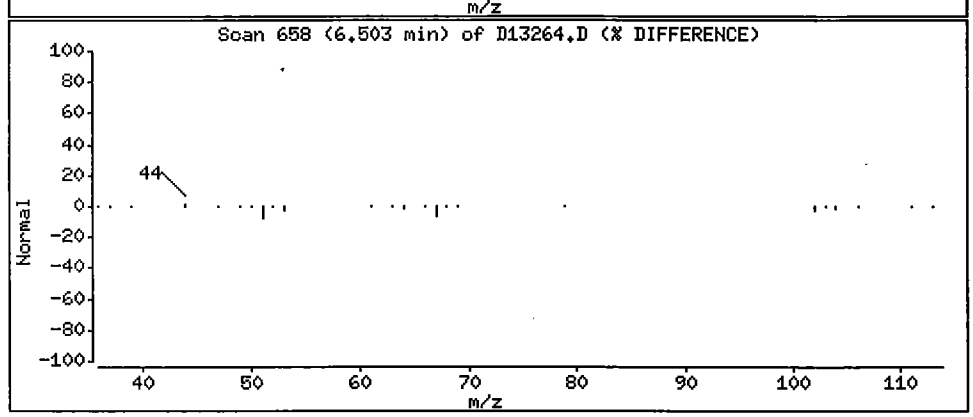
34 1,2-Dichloroethane-d4 2nd

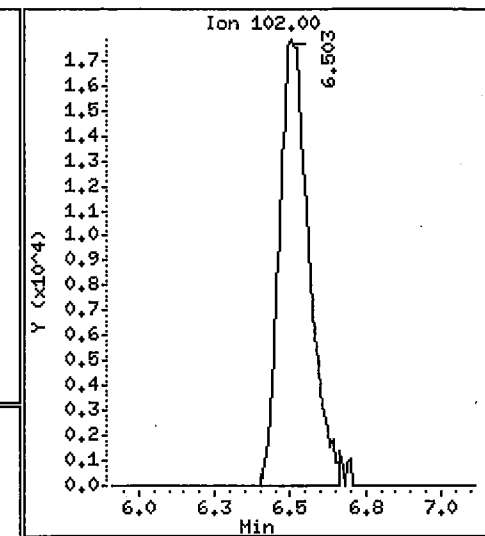
Concentration: 44.18 ug/Kg

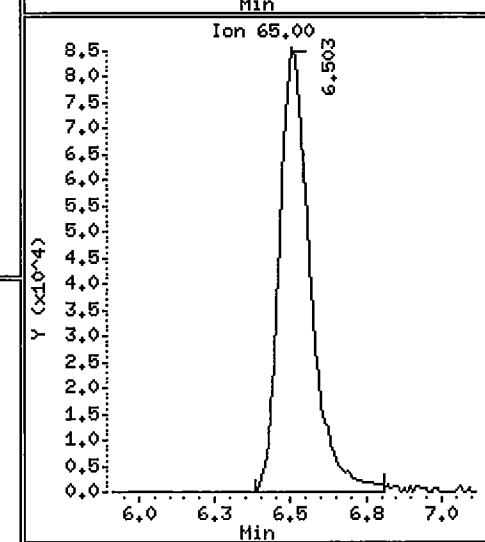












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13264.D

Date : 21-OCT-2000 04:21

Client ID: D13264

Instrument: md.i

Sample Info: DLTCN101,,2,,0,1,0,8260BDA.M,D13264

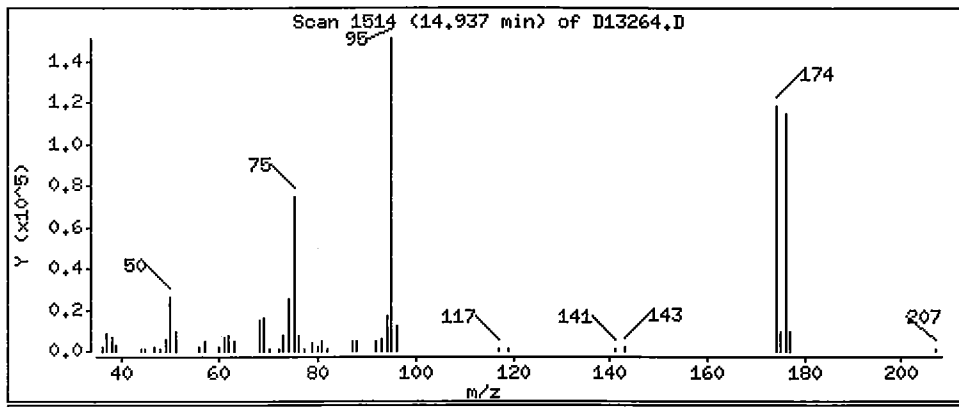
Operator: AD

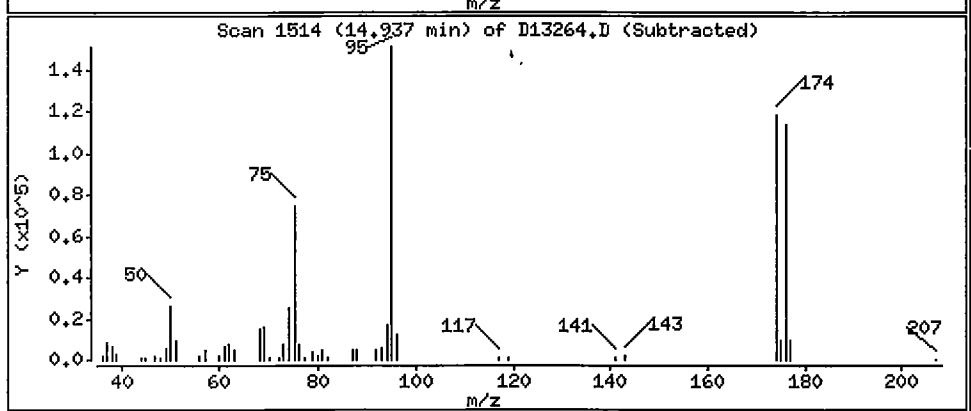
Column phase: J&W DB-624

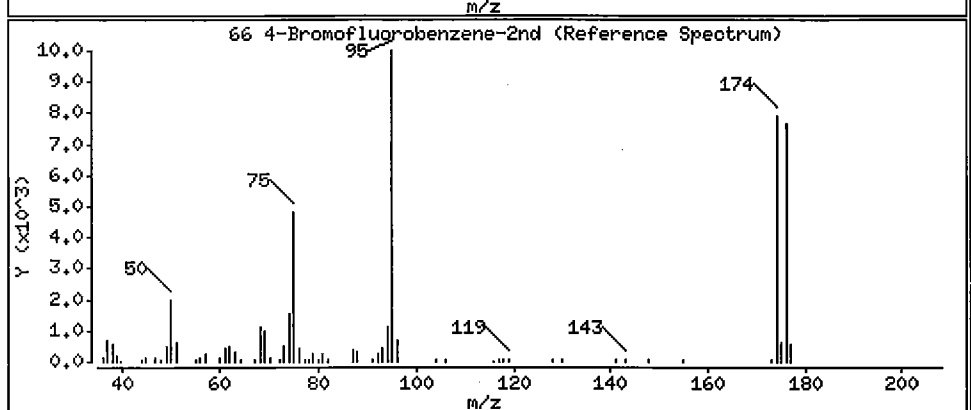
Column diameter: 0.53

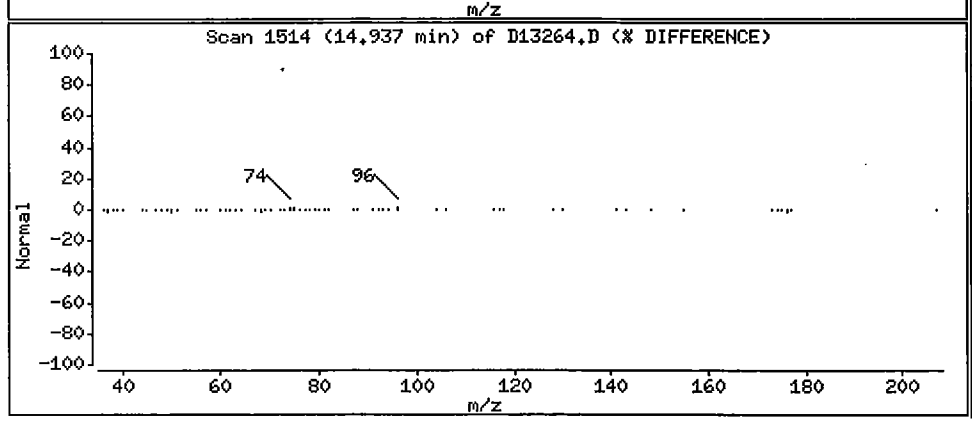
66 4-Bromofluorobenzene-2nd

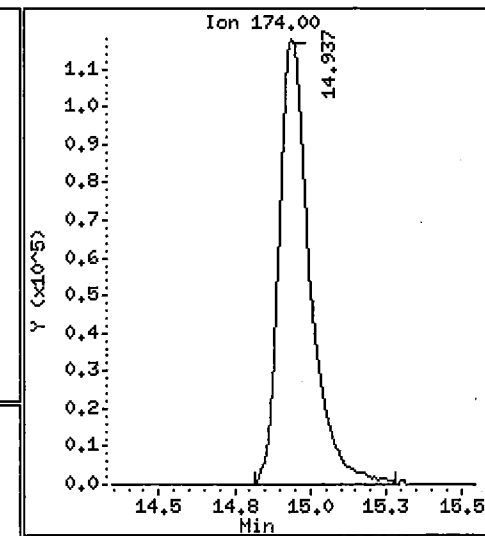
Concentration: 46.76 ug/Kg

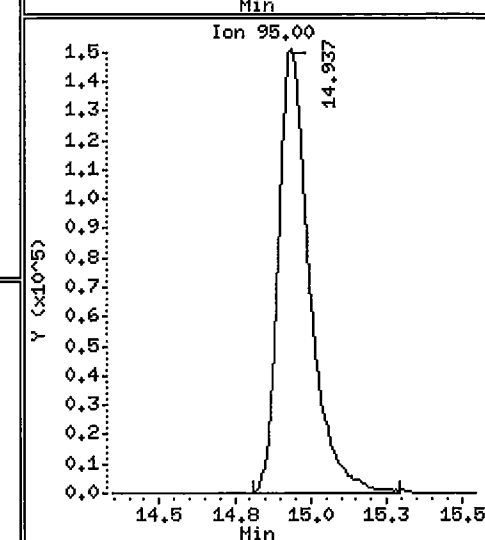


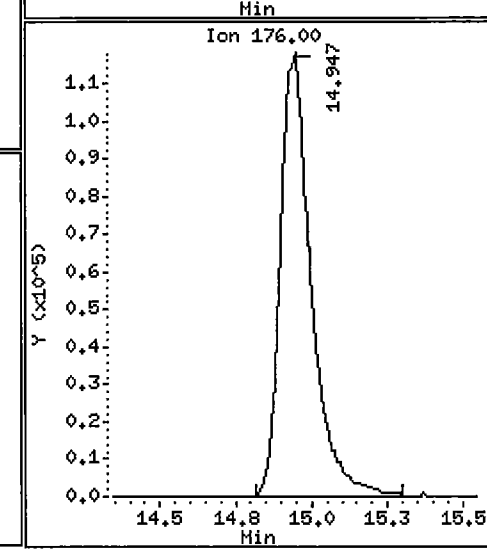












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13264.D

Date : 21-OCT-2000 04:21

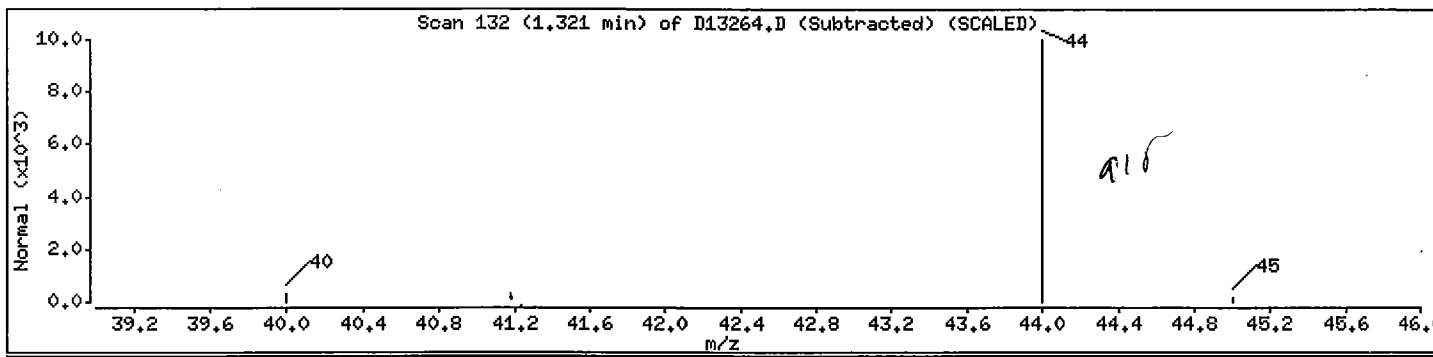
Client ID: D13264 Instrument: md.i

Sample Info: DLTCN101,,2,,0,1,0,8260BDA.M,D13264

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13265.D
Lab Smp Id: DLTCP101 Client Smp ID: D13265
Inj Date : 21-OCT-2000 04:52
Operator : AD Inst ID: md.i
Smp Info : DLTCP101,,2,,0,1,0,8260BDA.M,D13265
Misc Info : E0J090227-10,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.869	2.870	(0.405)	13799	8.73119	8.73
$ 29 Dibromofluoromethane	111	5.963	5.983	(0.841)	902445	44.4433	44.44
$ 33 1,2-Dichloroethane-d4	65	6.505	6.525	(0.918)	576726	42.0787	42.08
34 1,2-Dichloroethane-d4 2nd	102	6.514	6.515	(0.919)	121451	43.9223	43.92
36 1,2-Dichloroethane	62	7.096	6.643	(1.001)	21958	1.43938	1.44(aQ)
* 38 Fluorobenzene	96	7.086	7.096	(1.000)	1427563	50.0000	
39 Trichloroethene	130	7.726	7.727	(1.090)	53418	4.00364	4.00(a)
$ 47 Toluene-d8	98	9.903	9.924	(0.786)	1321435	46.9432	46.94
* 56 Chlorobenzene-d5	117	12.593	12.604	(1.000)	1215982	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.938	14.948	(0.866)	800669	48.7217	48.72
$ 67 4-Bromofluorobenzene	95	14.938	14.948	(0.866)	1025137	46.7384	46.74
* 79 1,4-Dichlorobenzene-d4	152	17.253	17.264	(1.000)	825310	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13265.D
Lab Smp Id: DLTCP101 Client Smp ID: D13265
Inj Date : 21-OCT-2000 04:52
Operator : AD Inst ID: md.i
Smp Info : DLTCP101,,2,,0,1,0,8260BDA.M,D13265
Misc Info : E0J090227-10,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.086	3227411	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.312	898971	13.9271209	13.93	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTCP101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13265
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

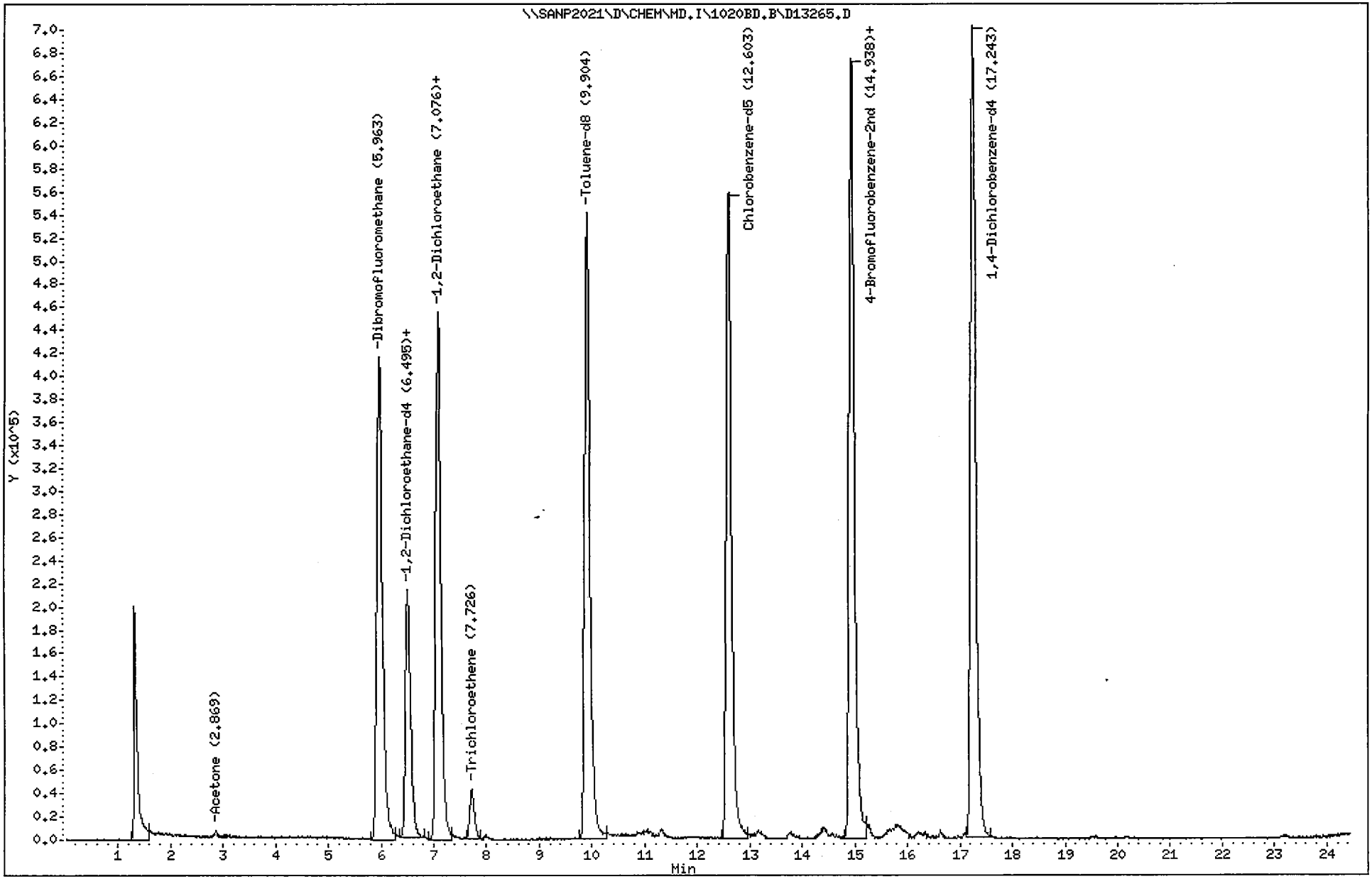
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ Air	1.312	13.93	J

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13265.D
Date : 21-OCT-2000 04:52
Client ID: D13265
Sample Info: DLTCP101,,2,,0,1,0,8260BDA.M,D13265

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



000498

BOE-C6-0150921

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13265.D

Date : 21-OCT-2000 04:52

Client ID: D13265

Instrument: md.i

Sample Info: DLTCP101,,2,,0,1,0,8260BDA.M,D13265

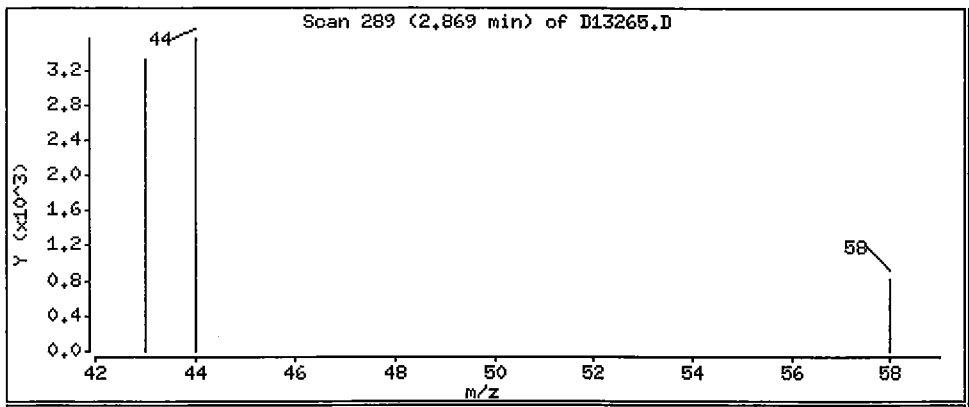
Operator: AD

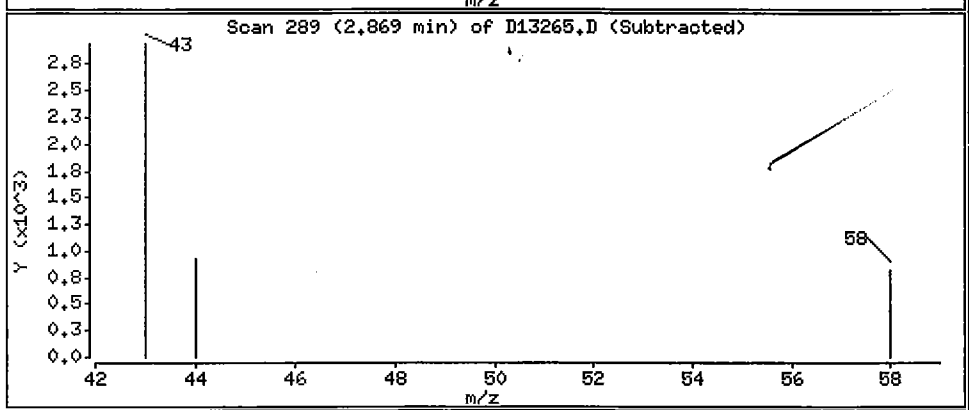
Column phase: J&W DB-624

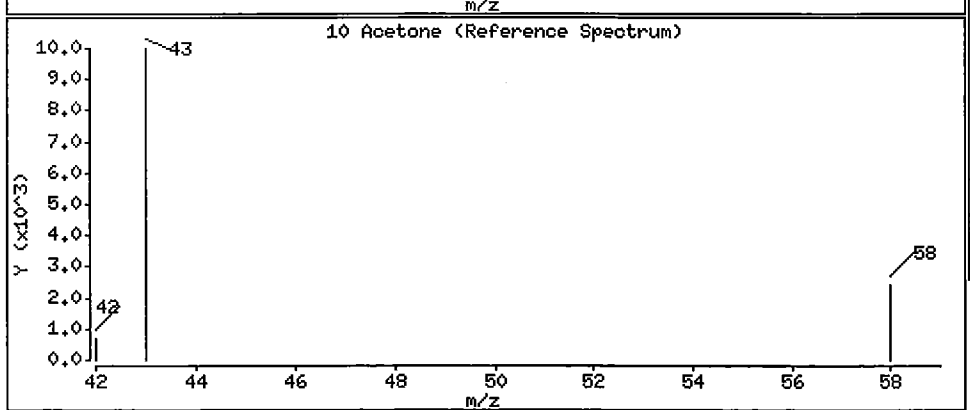
Column diameter: 0.53

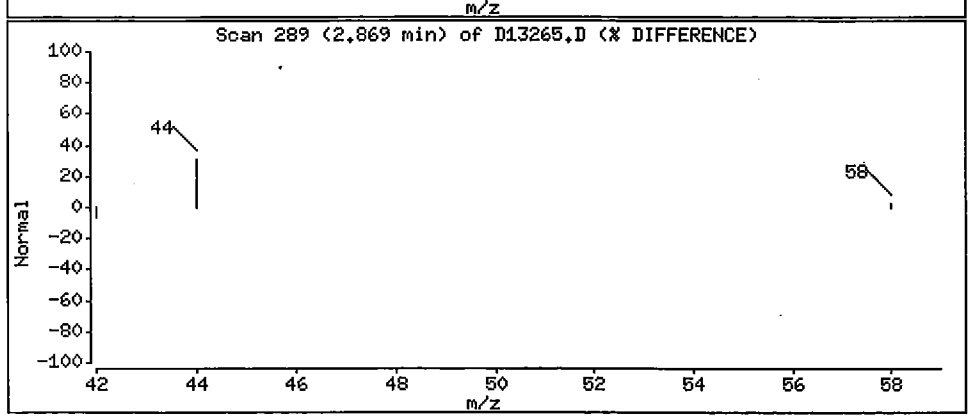
10 Acetone

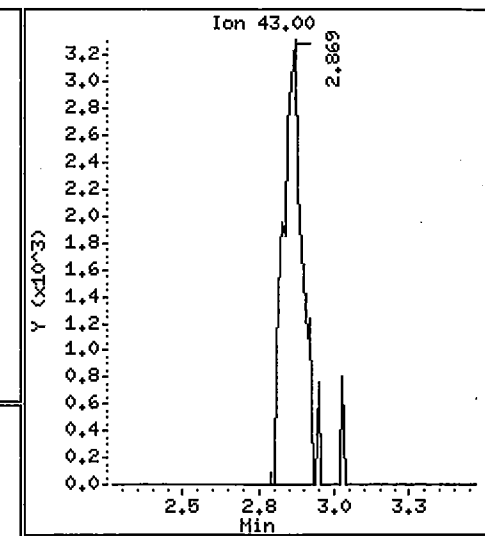
Concentration: 8.73 ug/Kg

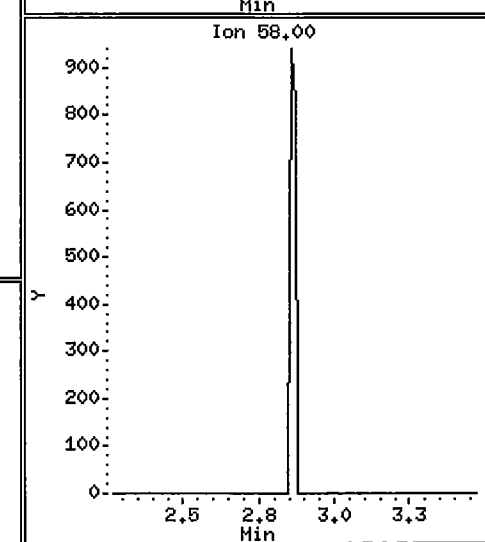












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13265.D

Date : 21-OCT-2000 04:52

Client ID: D13265

Instrument: md.i

Sample Info: DLTCP101,,2,,0,1,0,8260BDA.M,D13265

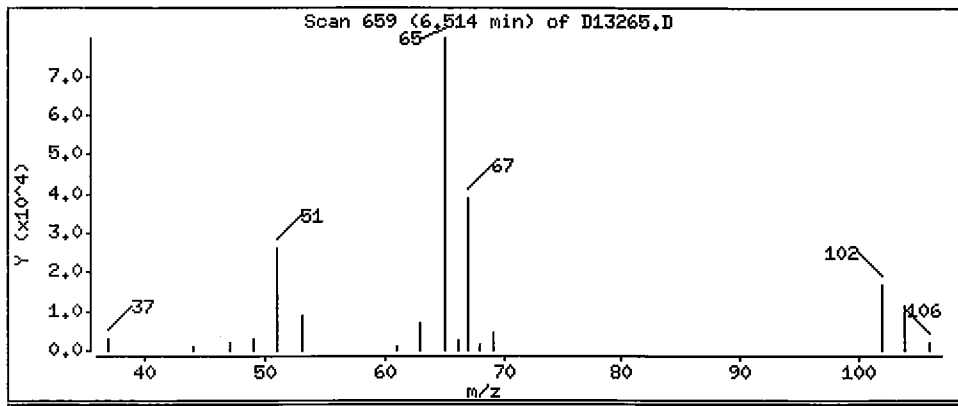
Operator: AD

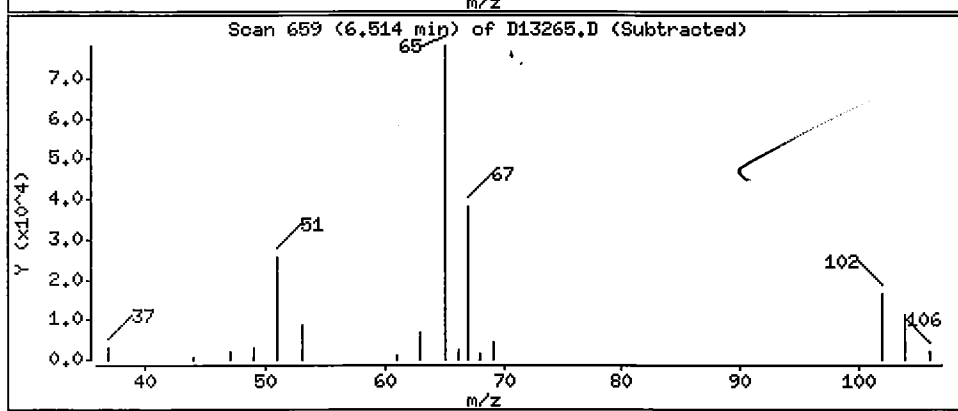
Column phase: J&W DB-624

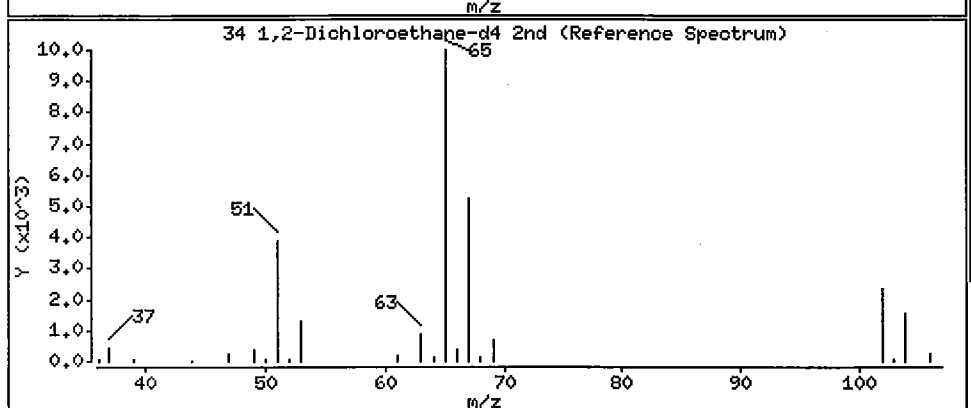
Column diameter: 0.53

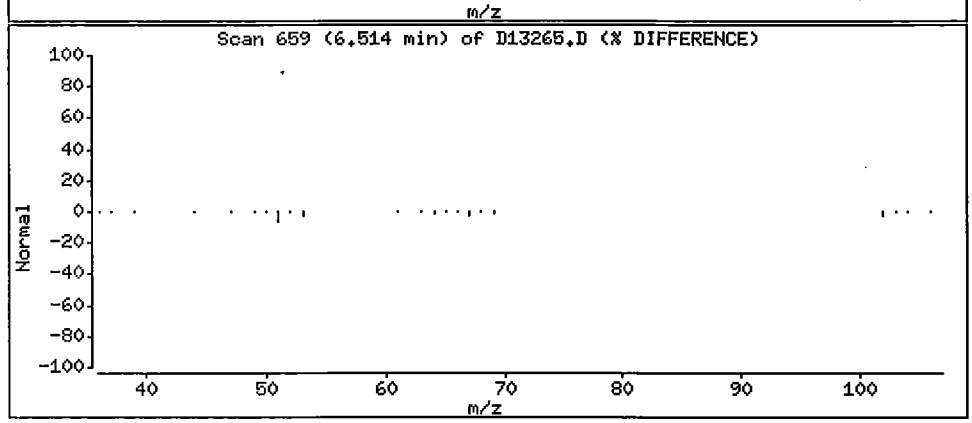
34 1,2-Dichloroethane-d4 2nd

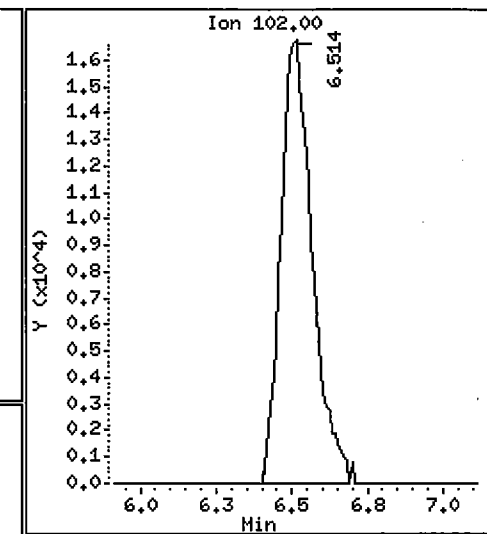
Concentration: 43.92 ug/Kg

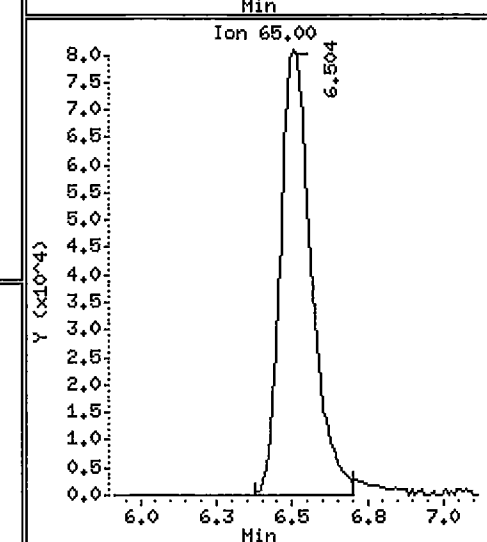












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13265.D

Date : 21-OCT-2000 04:52

Client ID: D13265

Instrument: md.i

Sample Info: DLTCP101,,2,,0,1,0,8260BDA.M,D13265

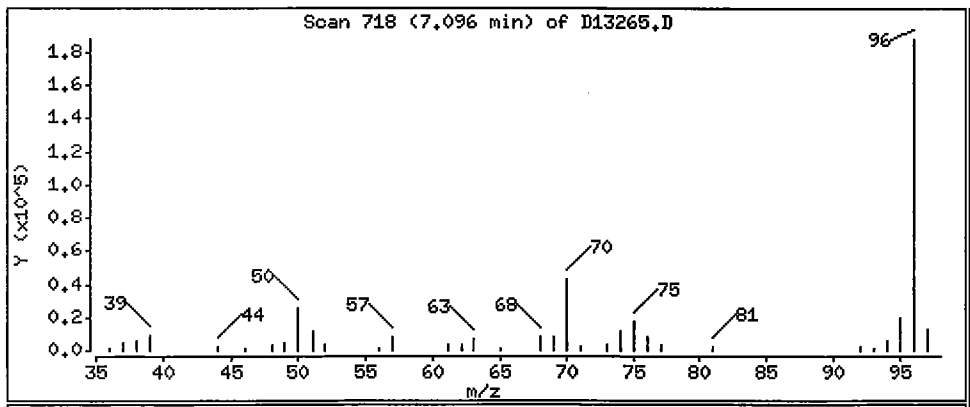
Operator: AD

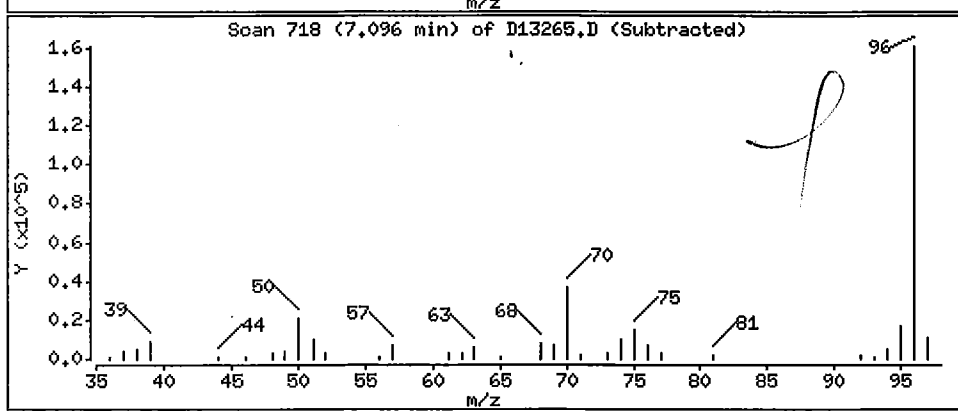
Column phase: J&W DB-624

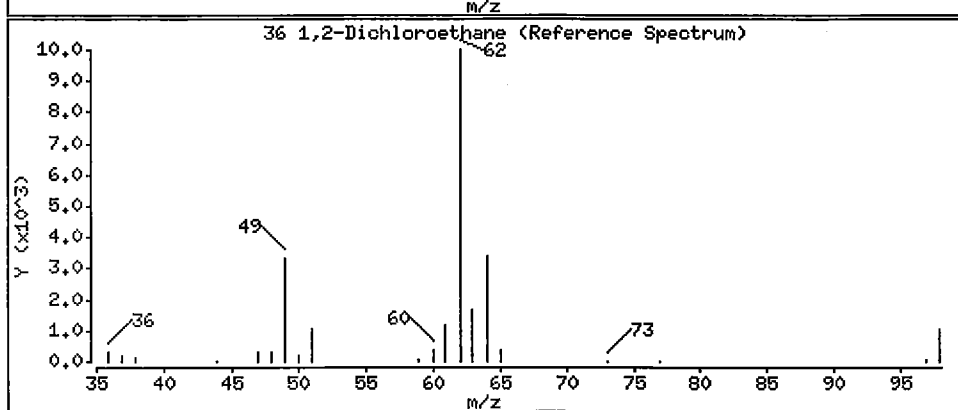
Column diameter: 0.53

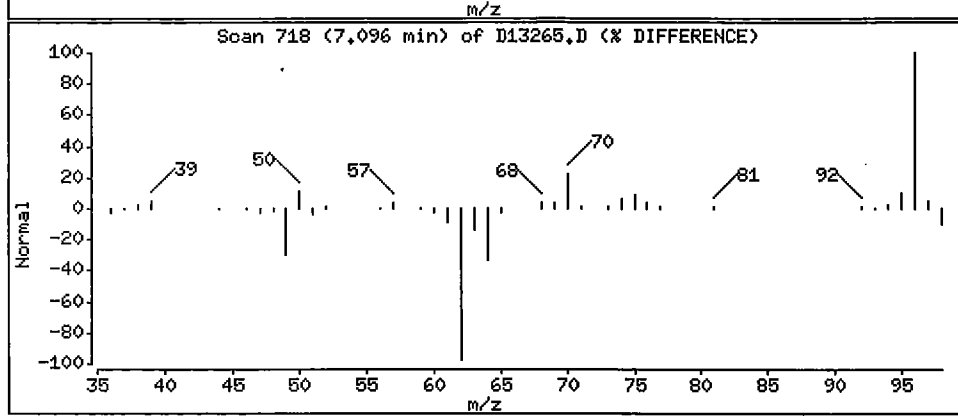
36 1,2-Dichloroethane

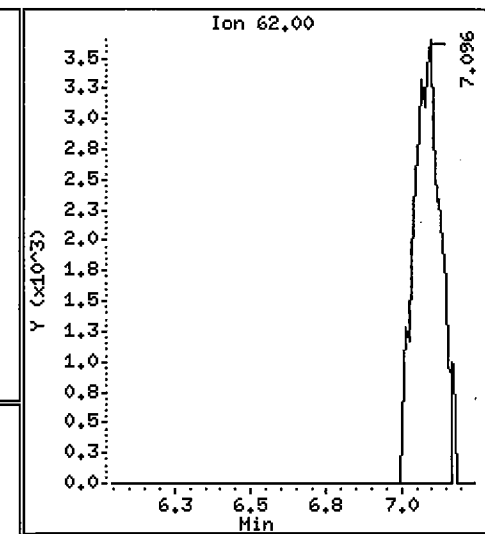
Concentration: 1.44 ug/Kg

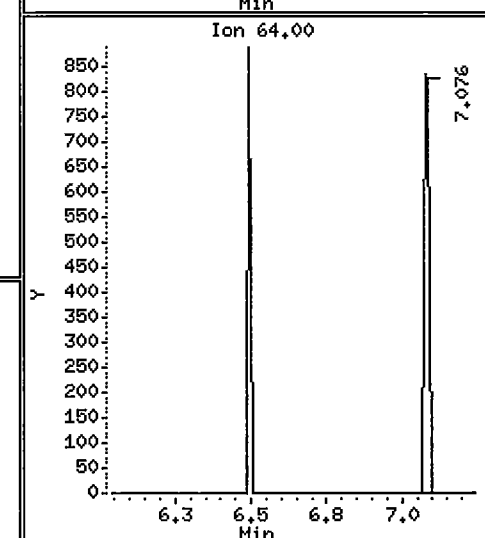


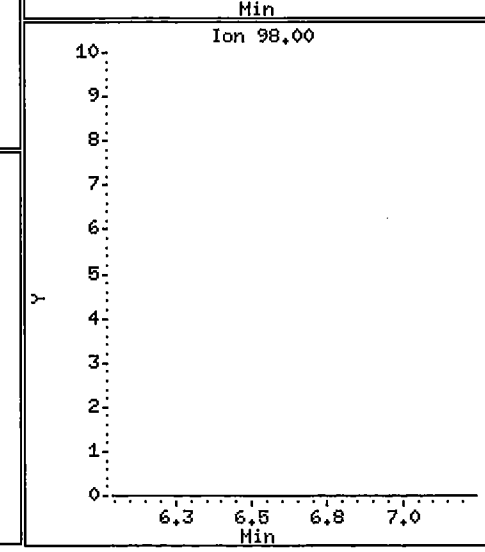












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13265.D

Date : 21-OCT-2000 04:52

Client ID: D13265

Instrument: md.i

Sample Info: DLTCP101,,2,,0,1,0,8260BDA.M,D13265

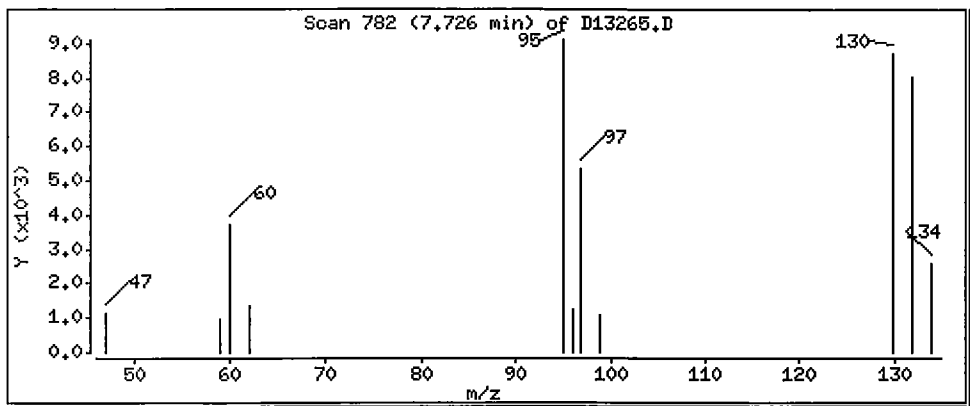
Operator: AD

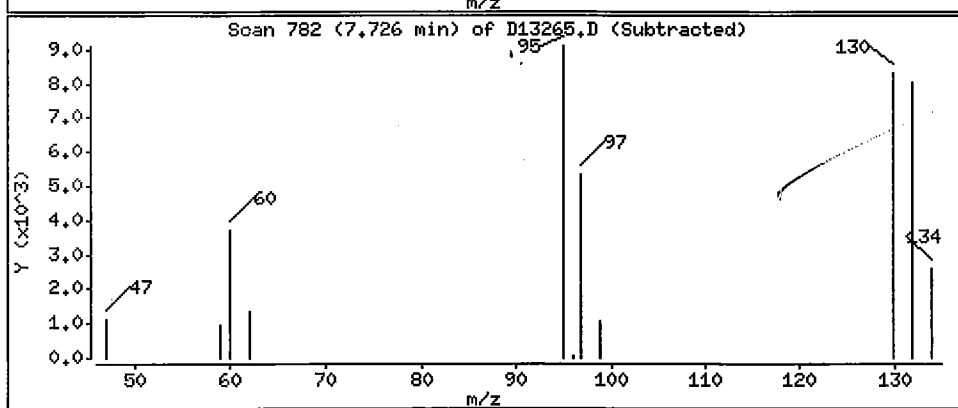
Column phase: J&W DB-624

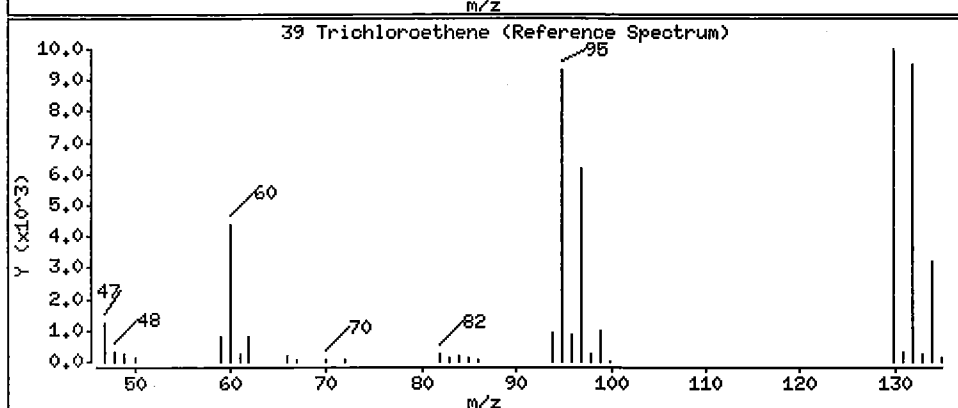
Column diameter: 0.53

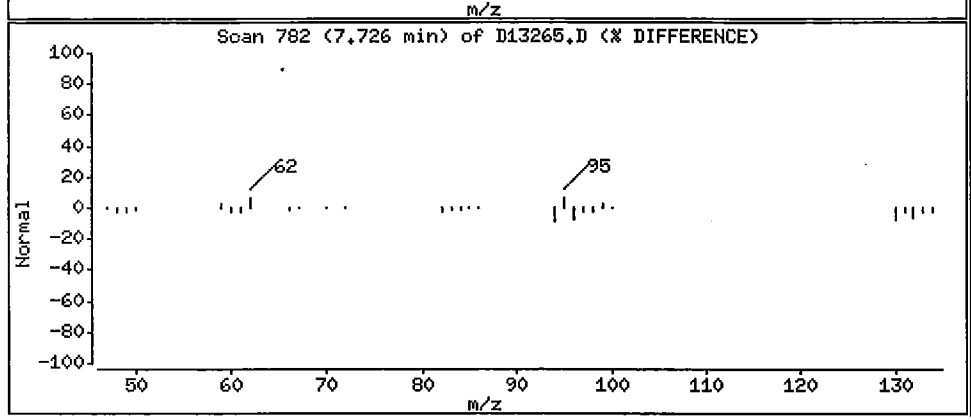
39 Trichloroethene

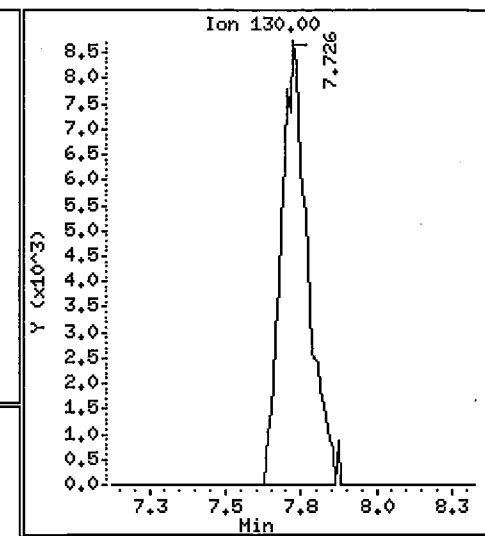
Concentration: 4.00 ug/Kg

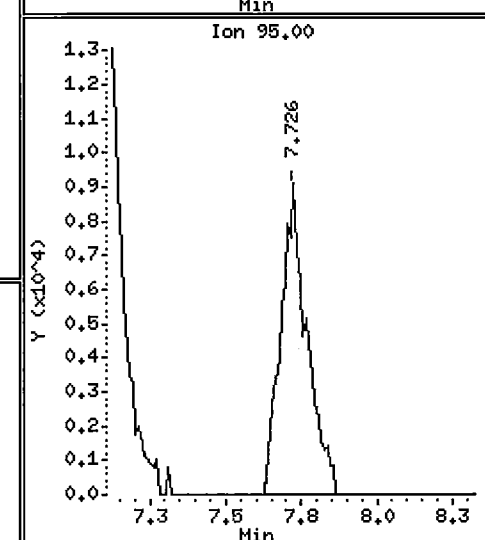


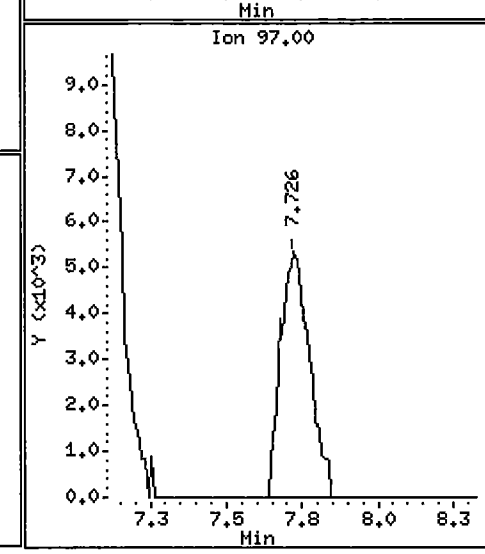












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13265.D

Date : 21-OCT-2000 04:52

Client ID: D13265

Instrument: md.i

Sample Info: DLTCP101,,2,,0,1,0,8260BDA.M,D13265

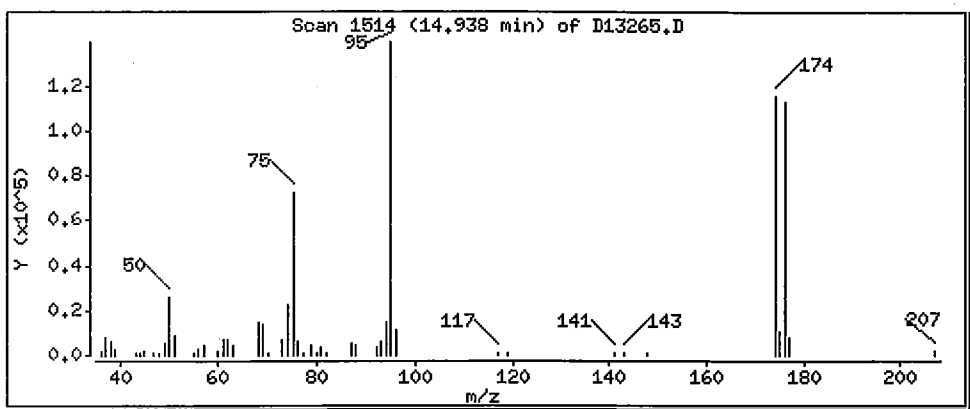
Operator: AD

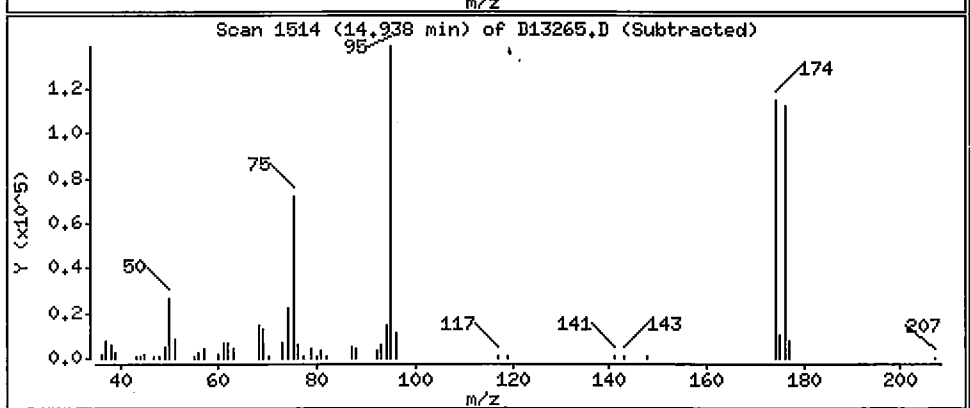
Column phase: J&W DB-624

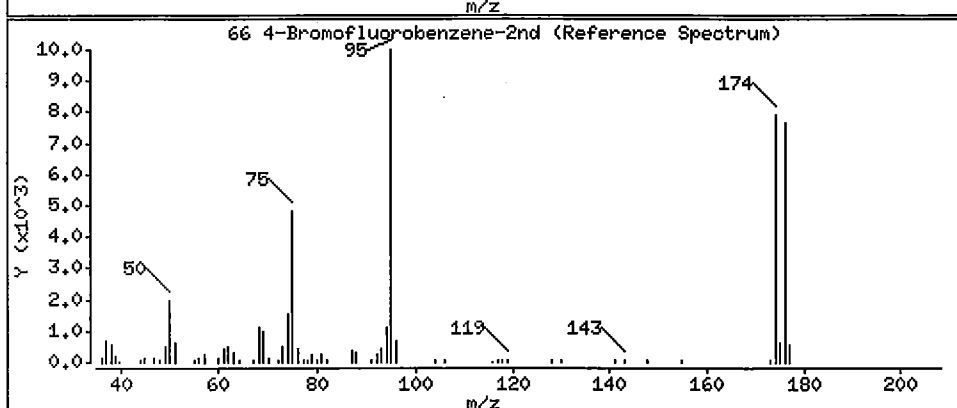
Column diameter: 0.53

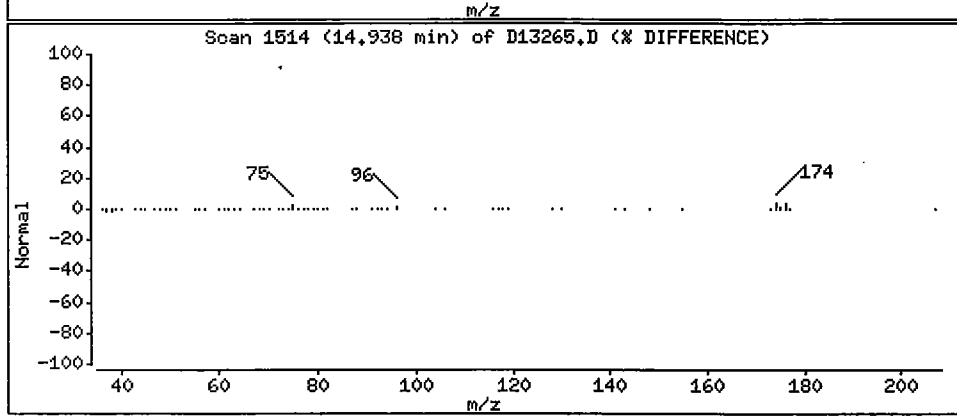
66 4-Bromofluorobenzene-2nd

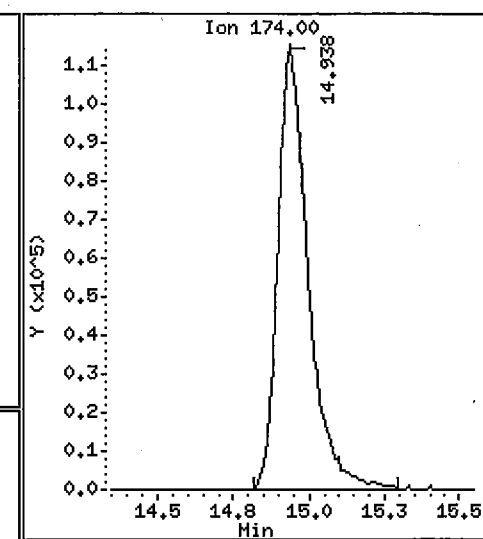
Concentration: 48.72 ug/Kg

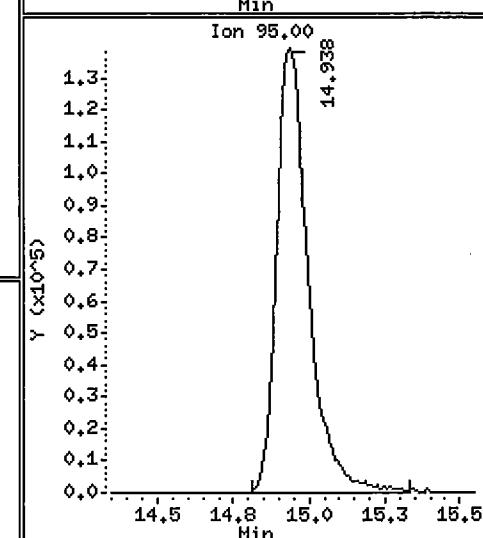


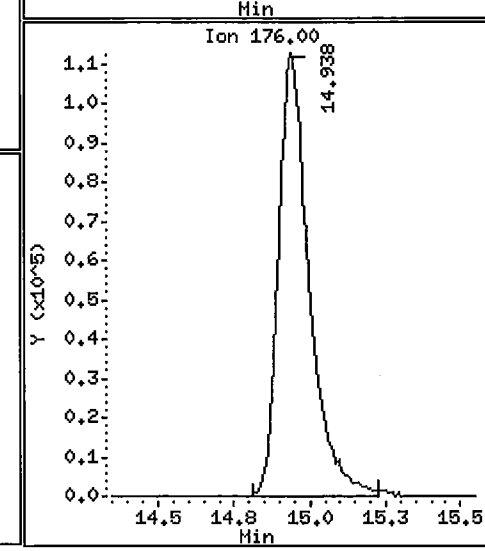












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13265.D

Date : 21-OCT-2000 04:52

Client ID: D13265

Instrument: md.i

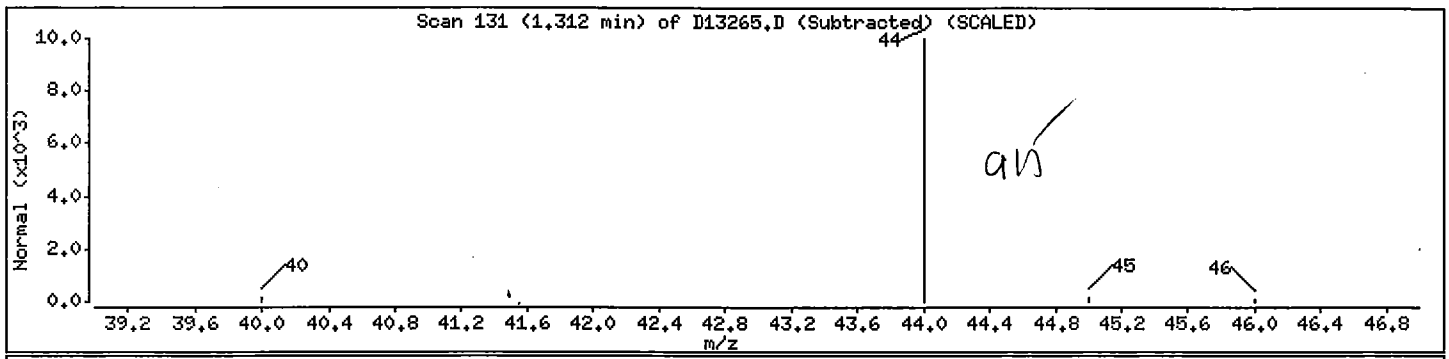
Sample Info: DLTCP101,,2,,0,1,0,8260BDA.M,D13265

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13266.D
Lab Smp Id: DLTCQ101 Client Smp ID: D13266
Inj Date : 21-OCT-2000 05:24
Operator : AD Inst ID: md.i
Smp Info : DLTCQ101,,2,,0,1,0,8260BDA.M,D13266
Misc Info : E0J090227-11,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.859	2.870	(0.403)	23354	15.1862	15.19
$ 29 Dibromofluoromethane	111	5.982	5.983	(0.843)	909579	46.0340	46.03
$ 33 1,2-Dichloroethane-d4	65	6.514	6.525	(0.918)	577396	43.2931	43.29
34 1,2-Dichloroethane-d4 2nd	102	6.514	6.515	(0.918)	116250	43.2046	43.20
* 38 Fluorobenzene	96	7.096	7.096	(1.000)	1389131	50.0000	
$ 47 Toluene-d8	98	9.913	9.924	(0.787)	1280067	45.0320	45.03
* 56 Chlorobenzene-d5	117	12.603	12.604	(1.000)	1227910	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.938	14.948	(0.866)	811859	46.9409	46.94
$ 67 4-Bromofluorobenzene	95	14.938	14.948	(0.866)	1047268	45.3681	45.37
* 79 1,4-Dichlorobenzene-d4	152	17.253	17.264	(1.000)	868592	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13266.D
Lab Smp Id: DLTCQ101 Client Smp ID: D13266
Inj Date : 21-OCT-2000 05:24
Operator : AD Inst ID: md.i
Smp Info : DLTCQ101,,2,,0,1,0,8260BDA.M,D13266
Misc Info : E0J090227-11,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.096	3173542	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	642349	10.1203787	10.12	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTCQ101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13266
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

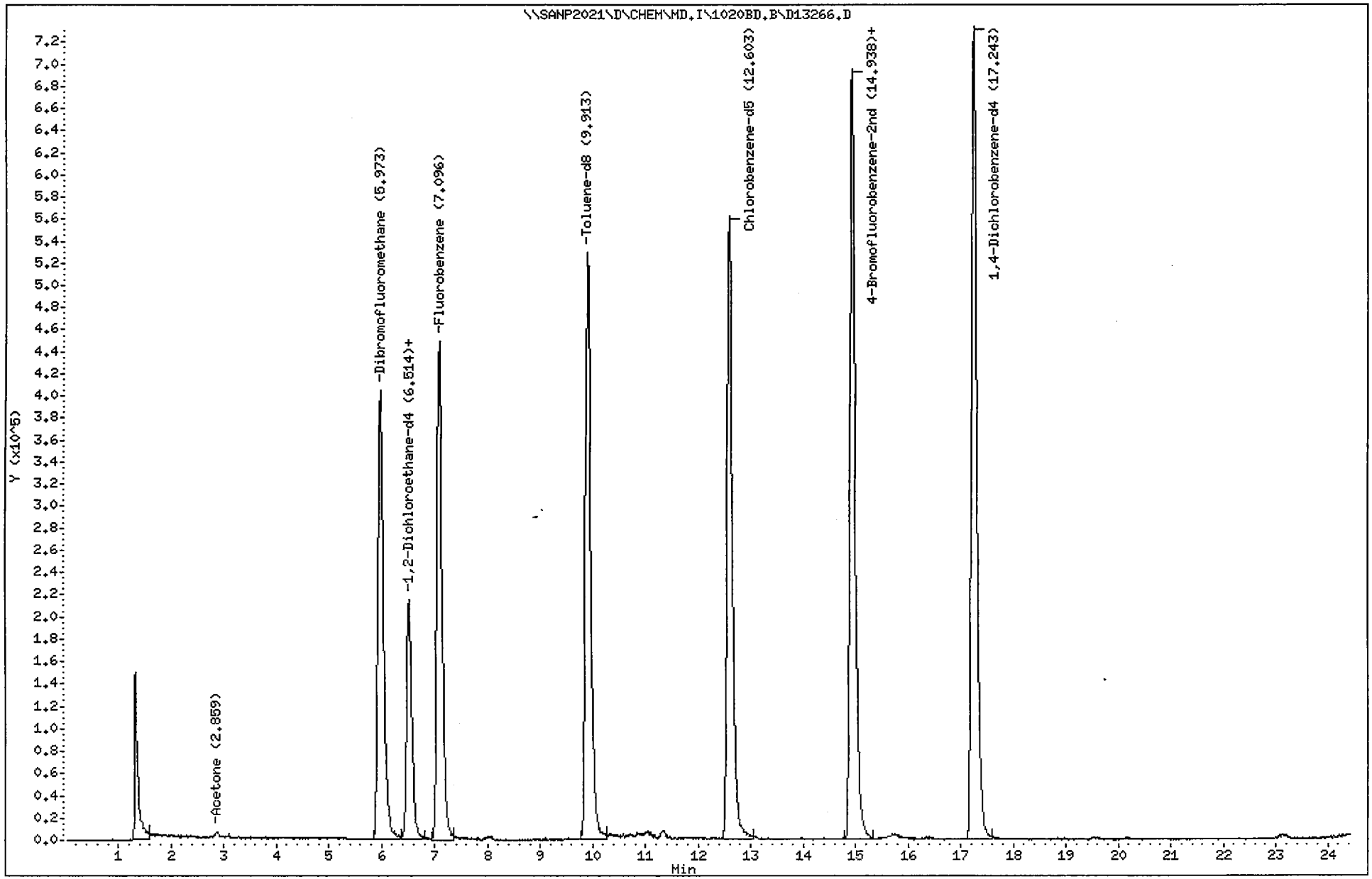
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~	1.322	10.12	J

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13266.D
Date : 21-OCT-2000 05:24
Client ID: D13266
Sample Info: DLTCQ101,,2,,0,1,0,8260BDA.M,D13266

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



000509

BOE-C6-0150932

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13266.D

Date : 21-OCT-2000 05:24

Client ID: D13266

Instrument: md.i

Sample Info: DLTCQ101,,2,,0,1,0,8260BDA.M,D13266

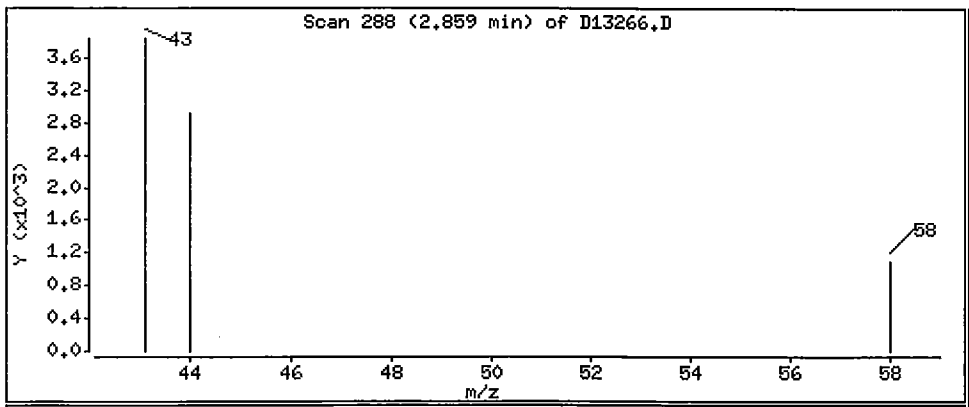
Operator: AD

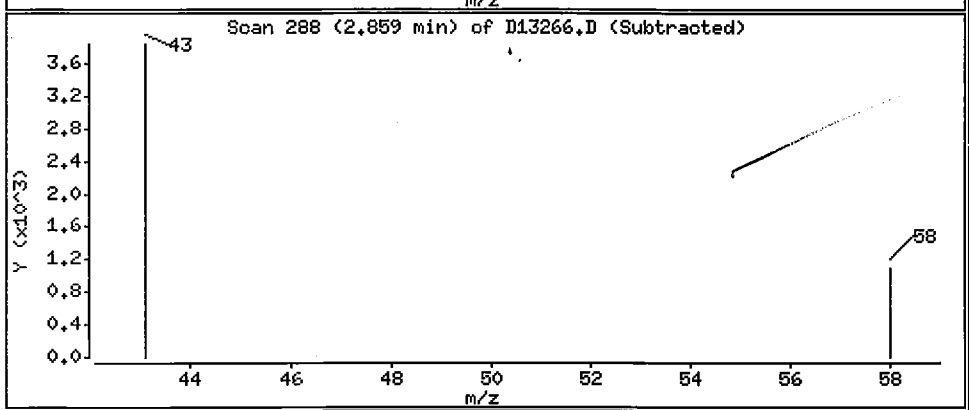
Column phase: J&W DB-624

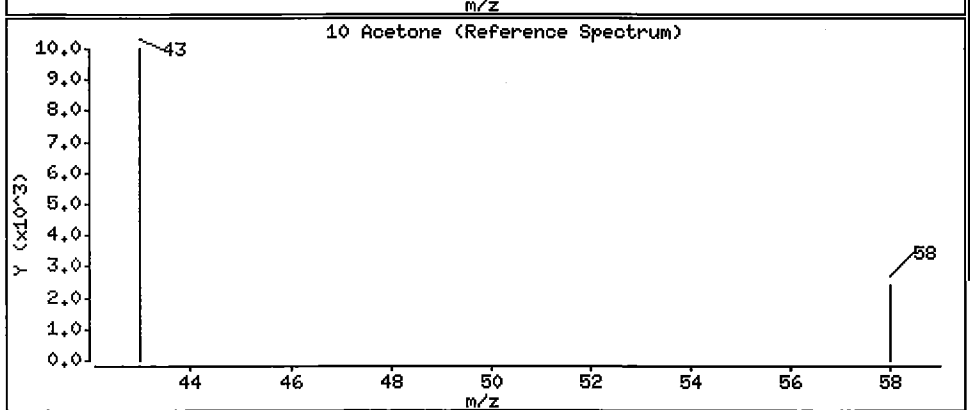
Column diameter: 0.53

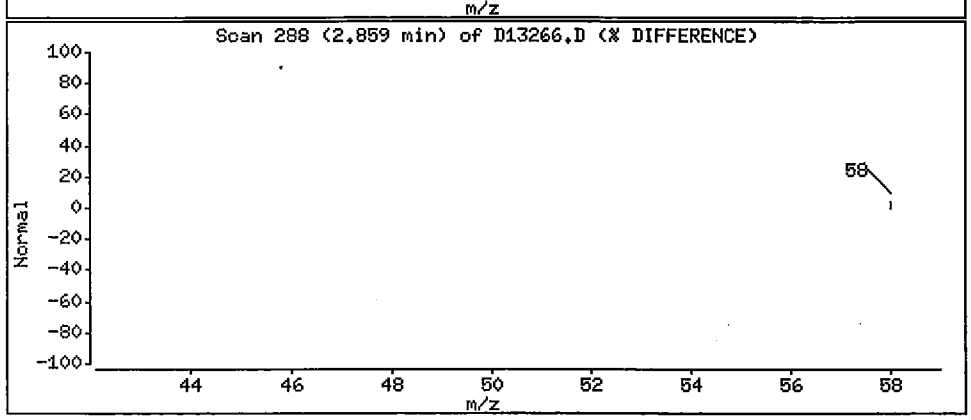
10 Acetone

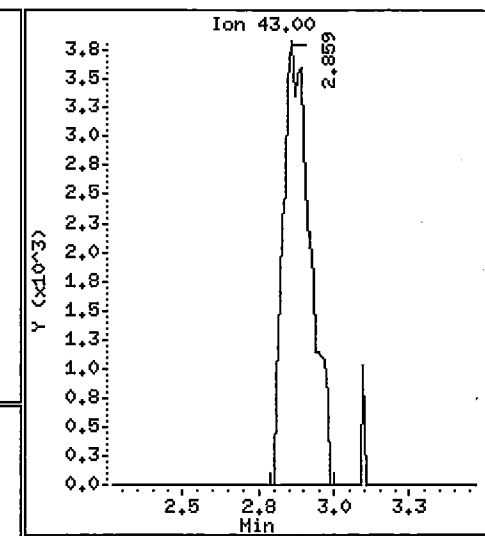
Concentration: 15.19 ug/Kg

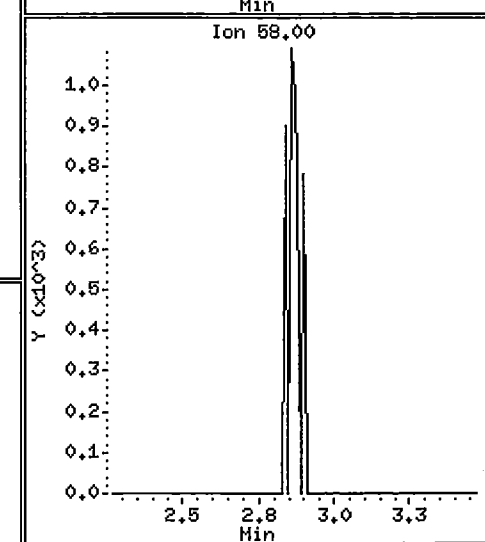












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13266.D

Date : 21-OCT-2000 05:24

Client ID: D13266

Instrument: md.i

Sample Info: DLTCQ101,,2,,0,1,0,8260BDA.M,D13266

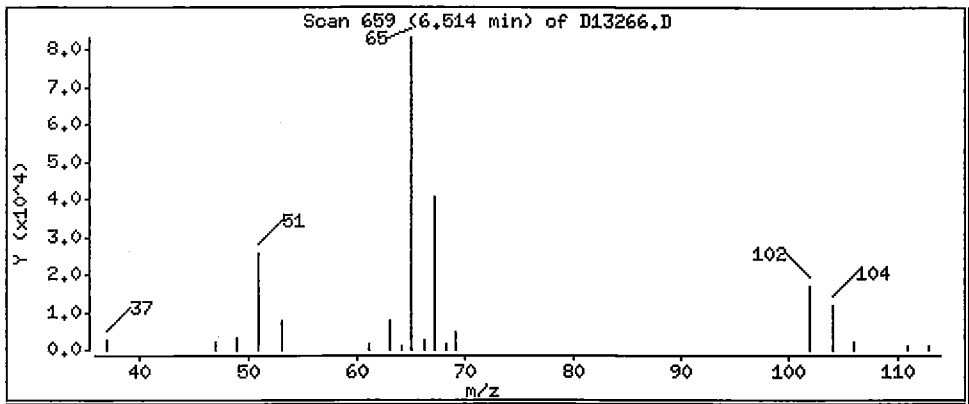
Operator: AD

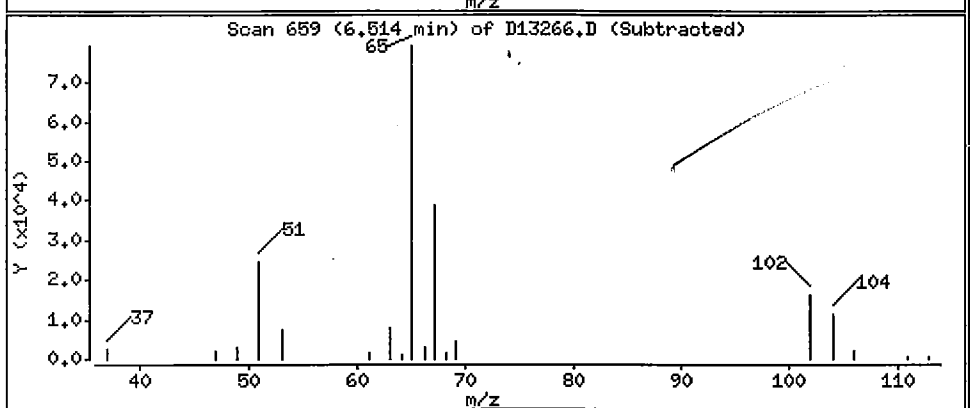
Column phase: J&W DB-624

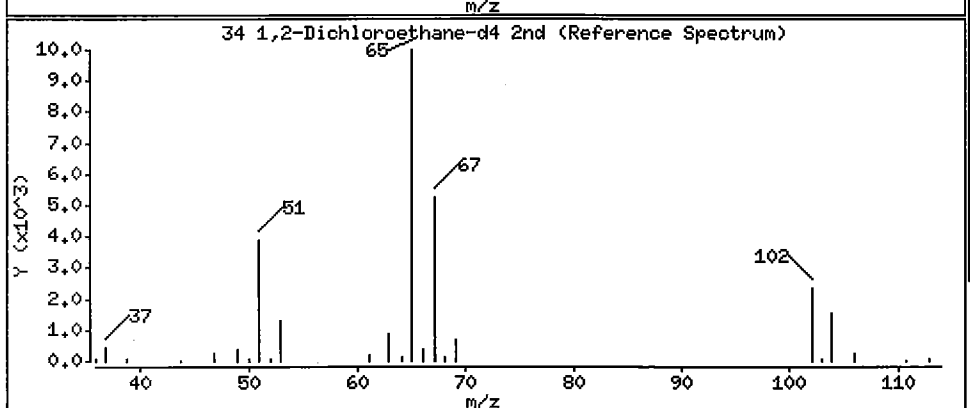
Column diameter: 0.53

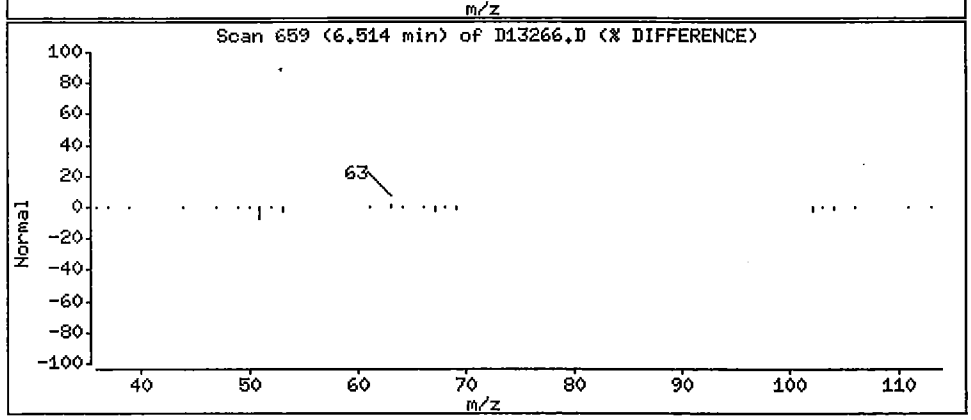
34 1,2-Dichloroethane-d4 2nd

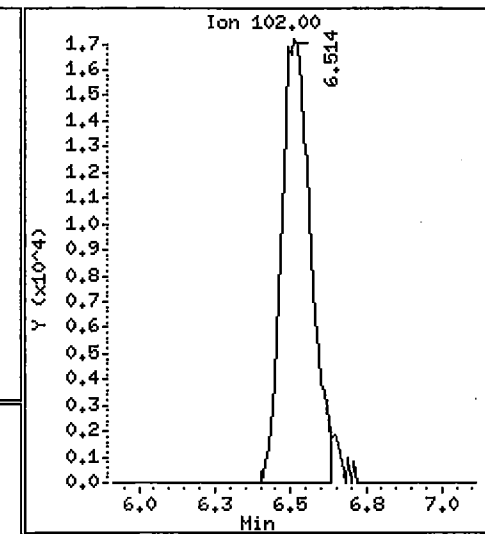
Concentration: 43.20 ug/Kg

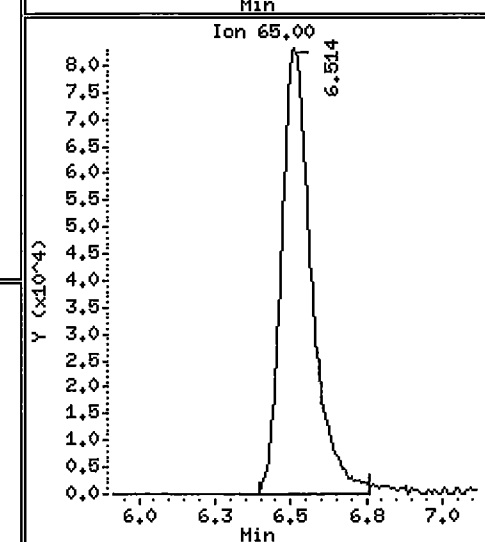












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13266.D

Date : 21-OCT-2000 05:24

Client ID: D13266

Instrument: md.i

Sample Info: DLTCQ101,,2,,0,1,0,8260BDA.M,D13266

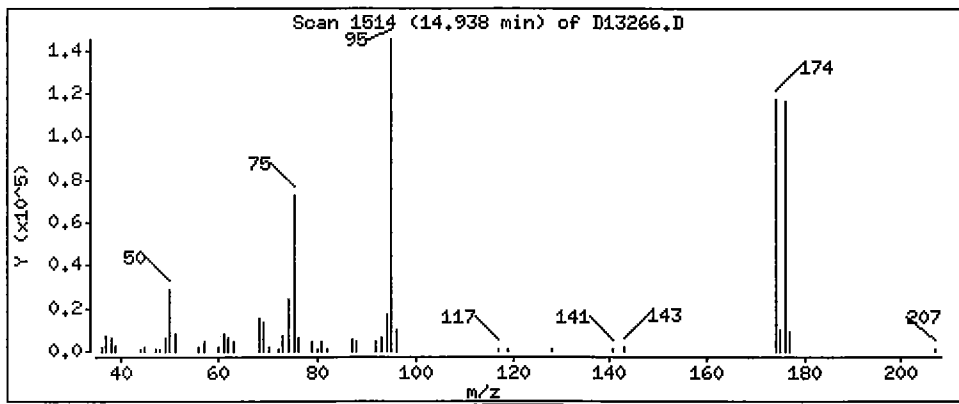
Operator: AD

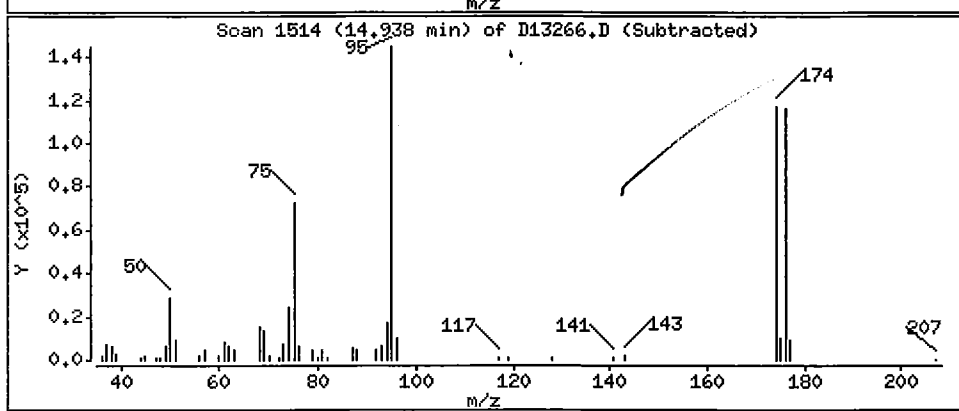
Column phase: J&W DB-624

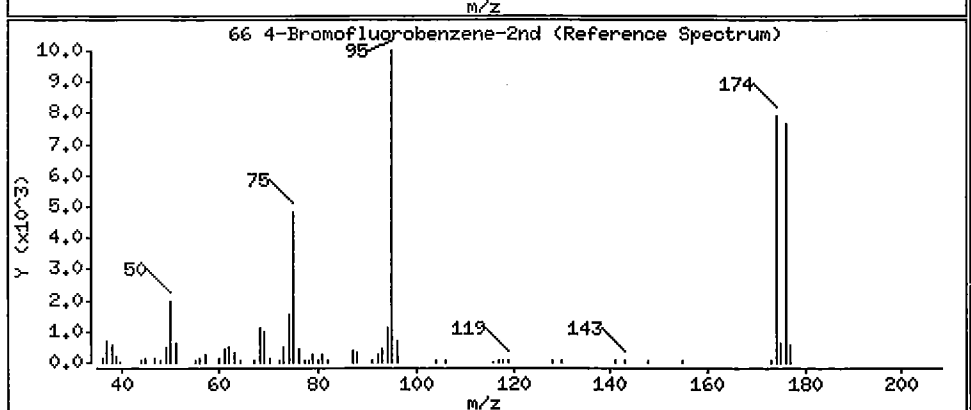
Column diameter: 0.53

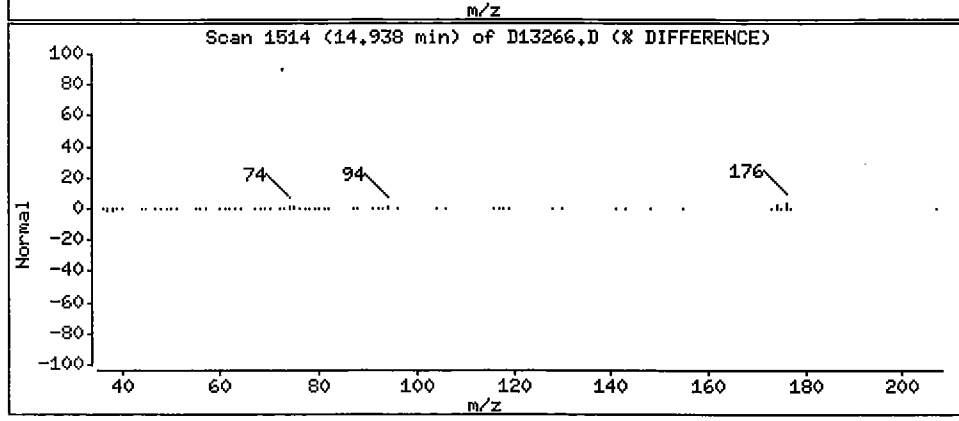
66 4-Bromofluorobenzene-2nd

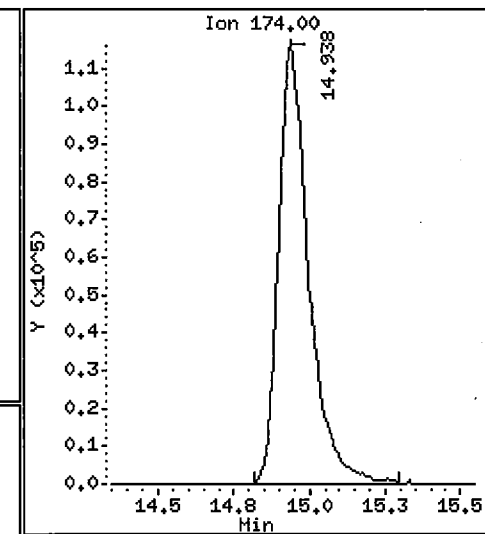
Concentration: 46.94 ug/Kg

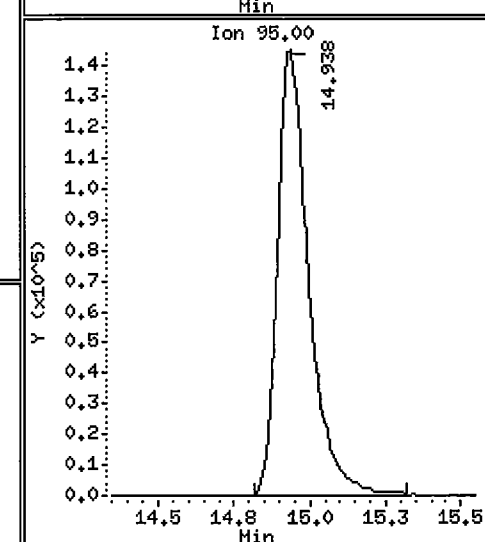


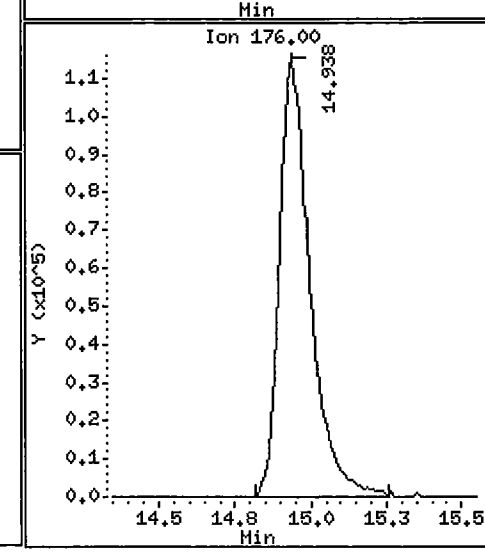












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13266.D

Date : 21-OCT-2000 05:24

Client ID: D13266

Instrument: md.i

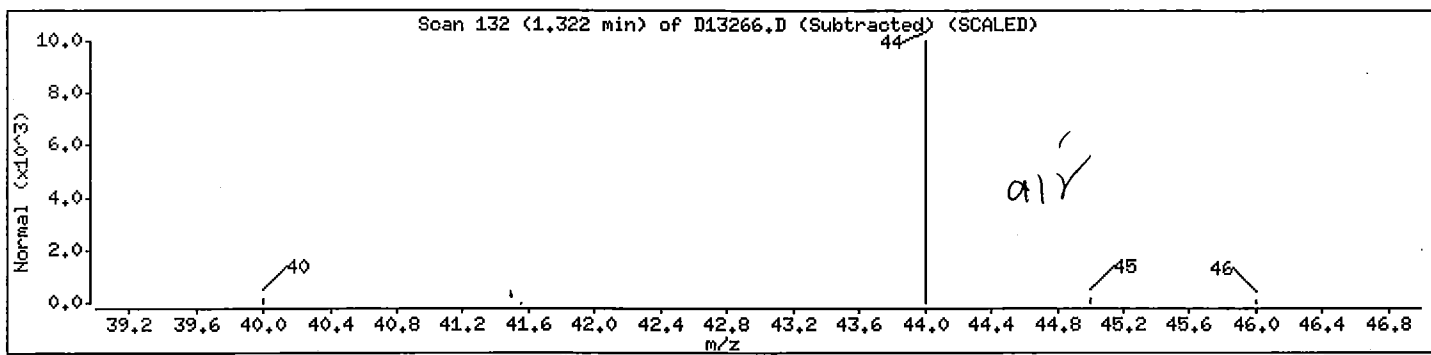
Sample Info: DLTCQ101,,2,,0,1,0,8260BDA.M,D13266

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13267.D
Lab Smp Id: DLTCR101 Client Smp ID: D13267
Inj Date : 21-OCT-2000 05:56
Operator : AD Inst ID: md.i
Smp Info : DLTCR101,,2,,0,1,0,8260BDA.M,D13267
Misc Info : E0J090227-12,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.873	2.870	(0.405)	12202	7.90655	7.91
$ 29 Dibromofluoromethane	111	5.987	5.983	(0.843)	924601	46.6283	46.63
$ 33 1,2-Dichloroethane-d4	65	6.528	6.525	(0.920)	590106	44.0892	44.09
34 1,2-Dichloroethane-d4 2nd	102	6.509	6.515	(0.917)	122080	45.2104	45.21
36 1,2-Dichloroethane	62	7.090	6.643	(0.999)	22293	1.49643	1.50(aQ)
* 38 Fluorobenzene	96	7.100	7.096	(1.000)	1394075	50.0000	
$ 47 Toluene-d8	98	9.918	9.924	(0.787)	1320928	45.8805	45.88
* 56 Chlorobenzene-d5	117	12.597	12.604	(1.000)	1243670	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.942	14.948	(0.866)	820785	47.4176	47.42
$ 67 4-Bromofluorobenzene	95	14.932	14.948	(0.865)	1048097	45.3664	45.37
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.264	(1.000)	869313	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13267.D
Lab Smp Id: DLTCR101 Client Smp ID: D13267
Inj Date : 21-OCT-2000 05:56
Operator : AD Inst ID: md.i
Smp Info : DLTCR101,,2,,0,1,0,8260BDA.M,D13267
Misc Info : E0J090227-12,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.100	3178397	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	589188	9.26862849	9.27	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTCR101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13267
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ 9\Y	1.326	9.27	J

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13267.D

Date : 21-OCT-2000 05:56

Client ID: D13267

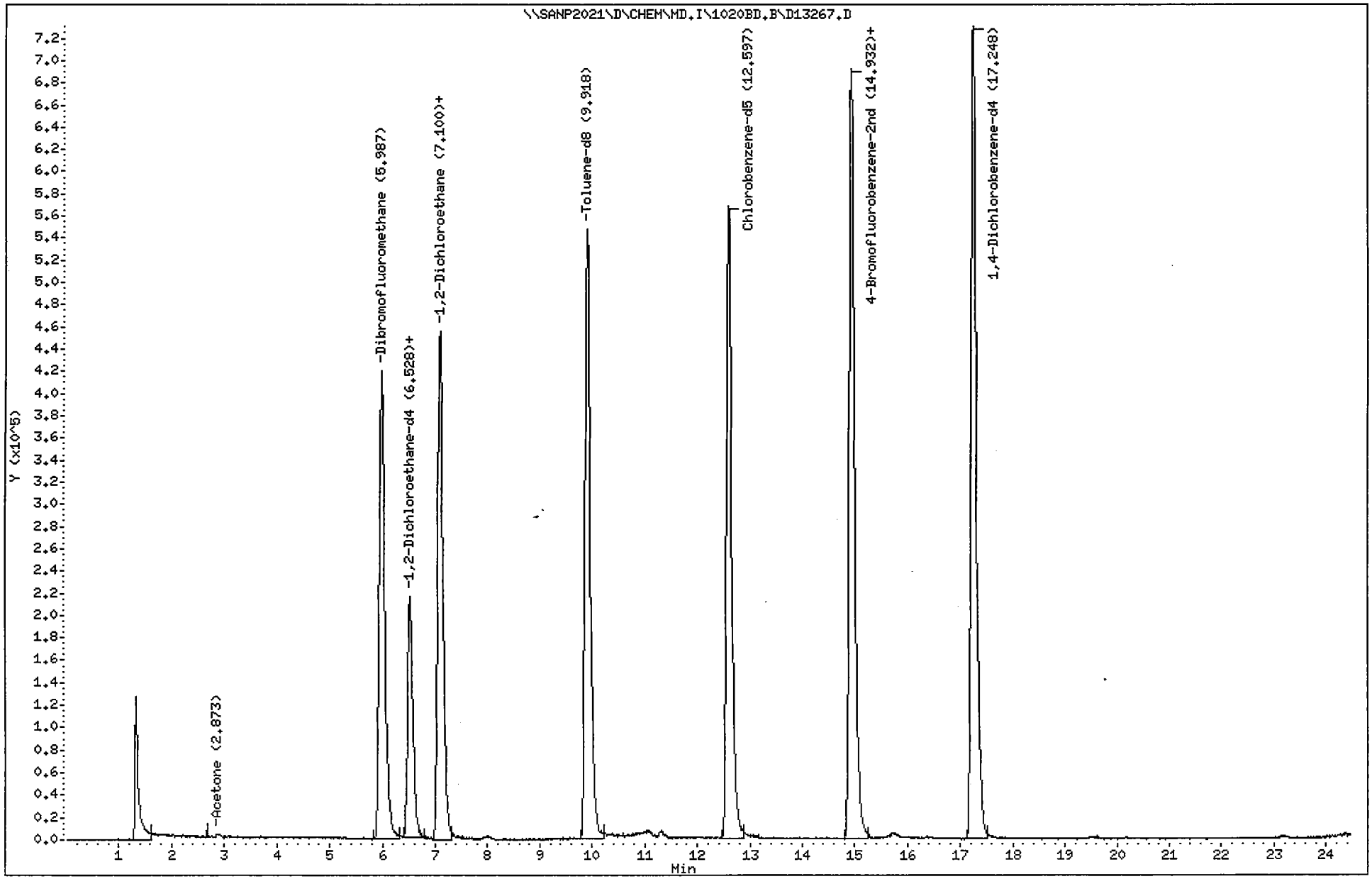
Sample Info: DLTCR101,,2,,0,1,0,8260BDA.M,D13267

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



000518

BOE-C6-0150941

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13267.D

Date : 21-OCT-2000 05:56

Client ID: D13267

Instrument: md.i

Sample Info: DLTCR101,,2,,0,1,0,8260BDA.M,D13267

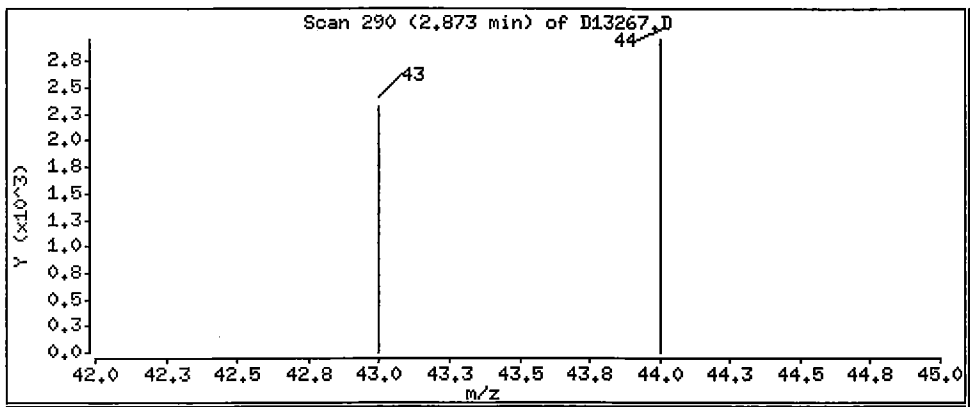
Operator: AD

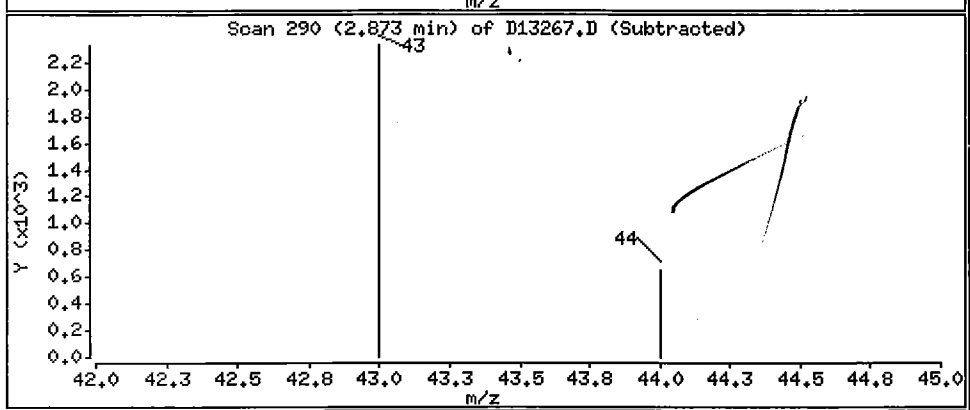
Column phase: J&W DB-624

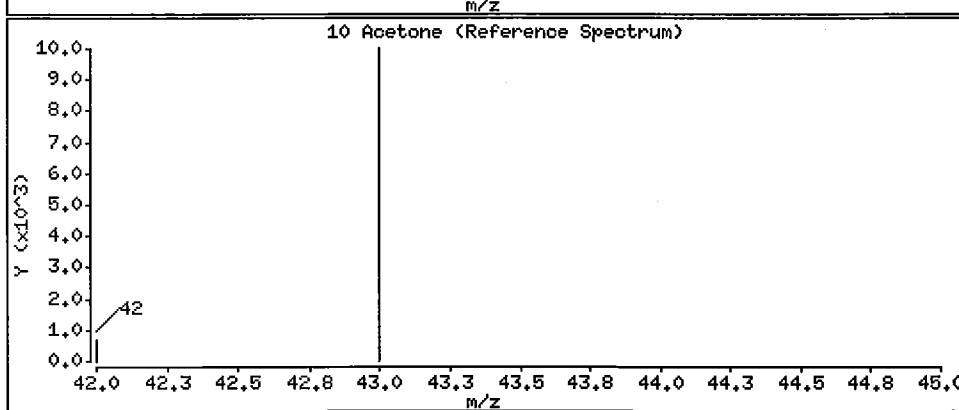
Column diameter: 0.53

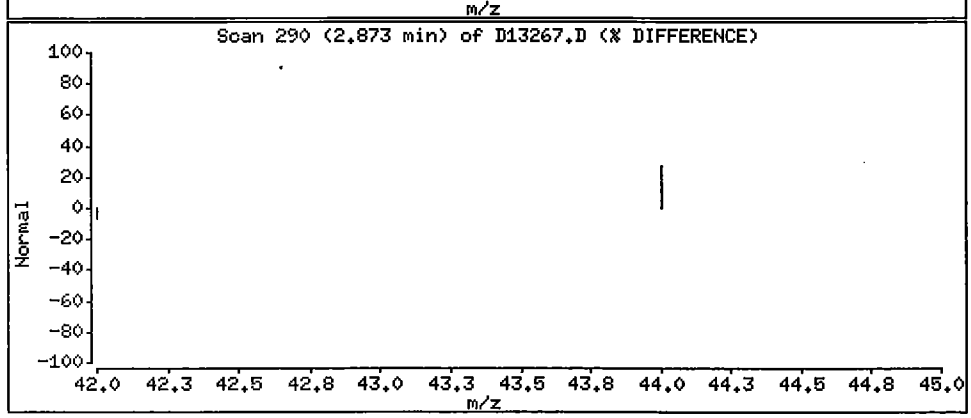
10 Acetone

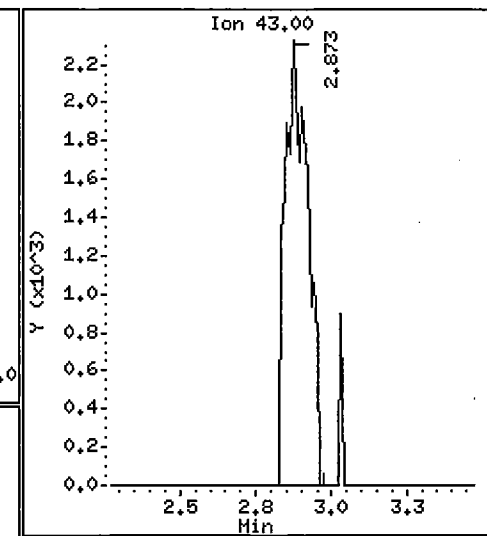
Concentration: 7.91 ug/Kg

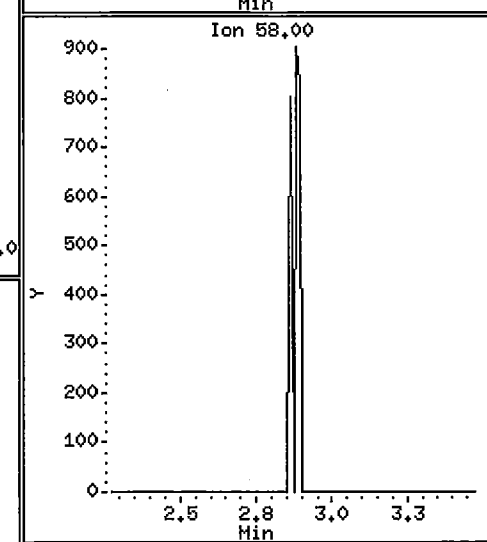












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13267.D

Date : 21-OCT-2000 05:56

Client ID: D13267

Instrument: md.i

Sample Info: DLTCR101,,2,,0,1,0,8260BDA.M,D13267

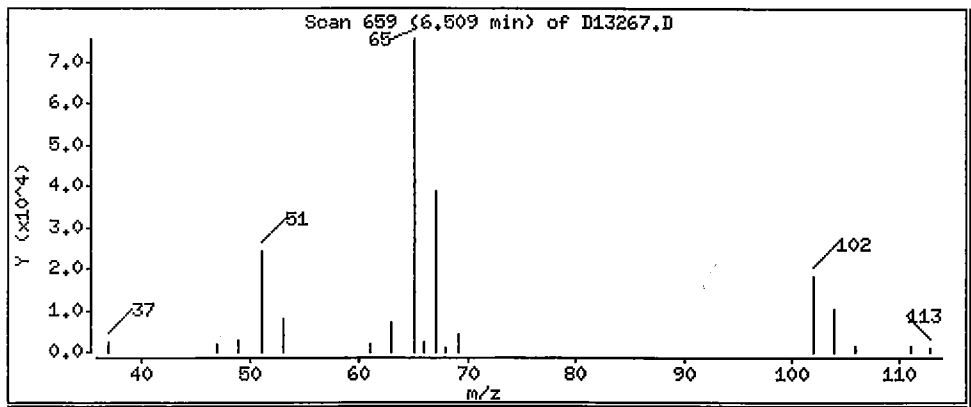
Operator: AD

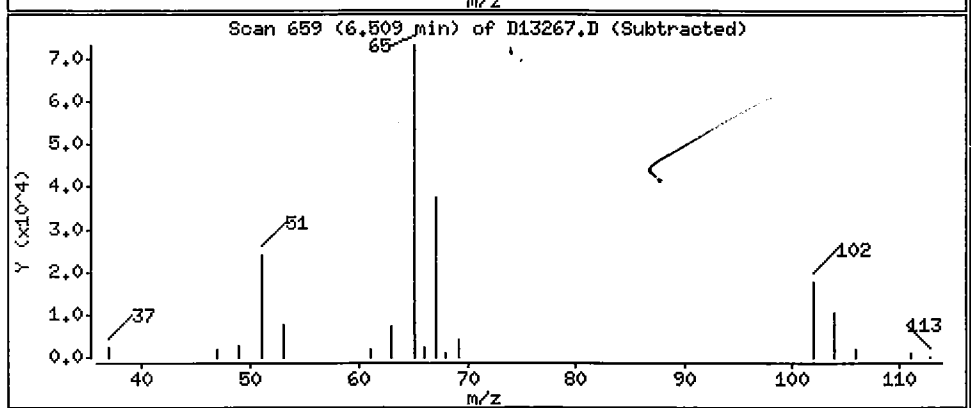
Column phase: J&W DB-624

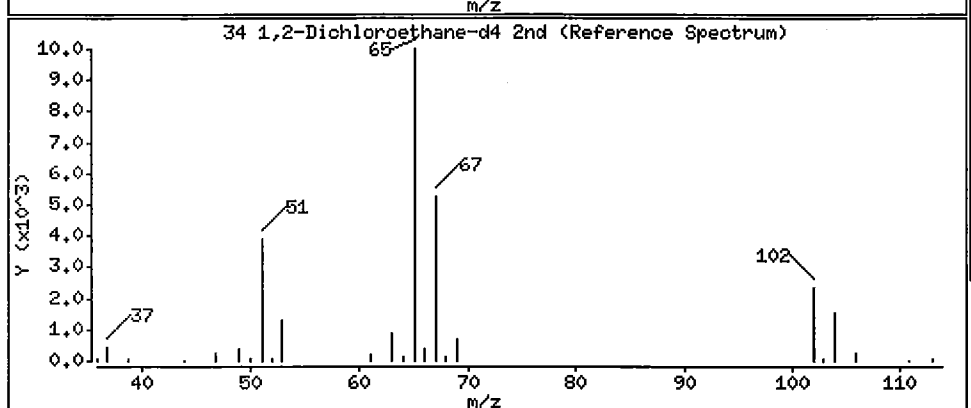
Column diameter: 0.53

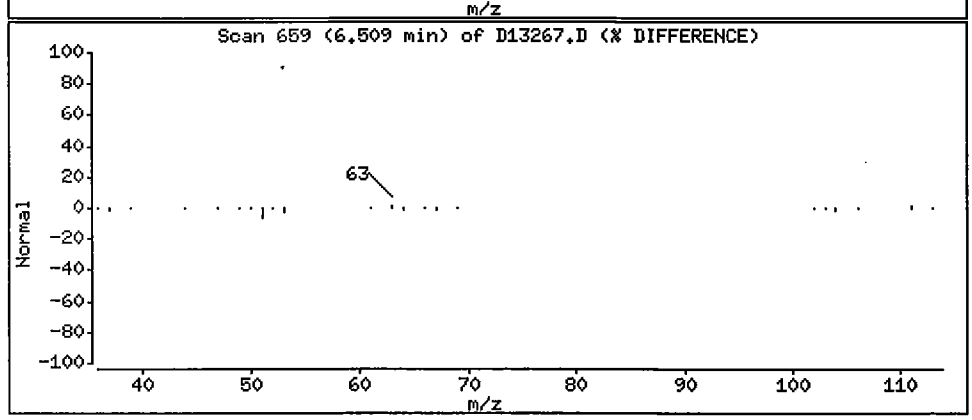
34 1,2-Dichloroethane-d4 2nd

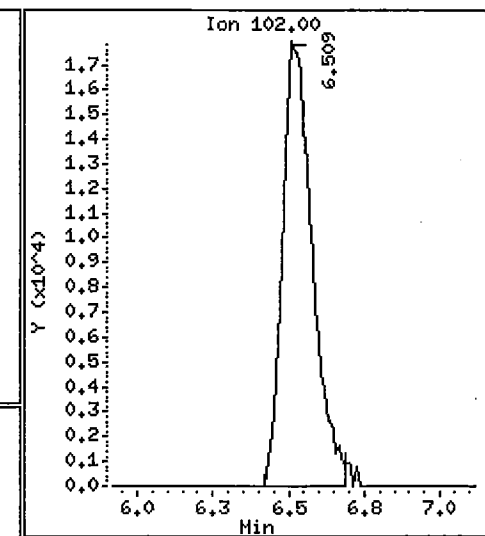
Concentration: 45.21 ug/Kg

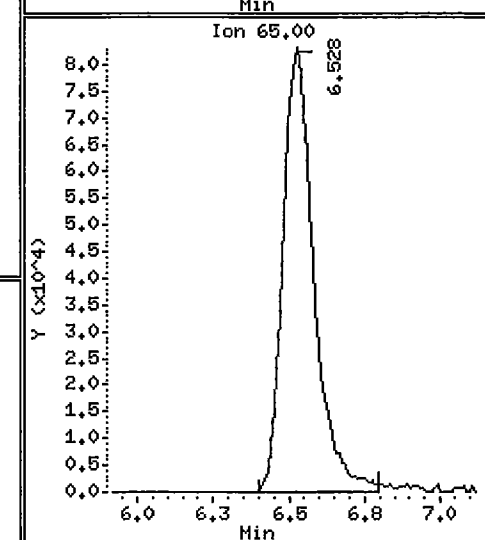












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13267.D

Date : 21-OCT-2000 05:56

Client ID: D13267

Instrument: md.i

Sample Info: DLTCR101,,2,,0,1,0,8260BDA.M,D13267

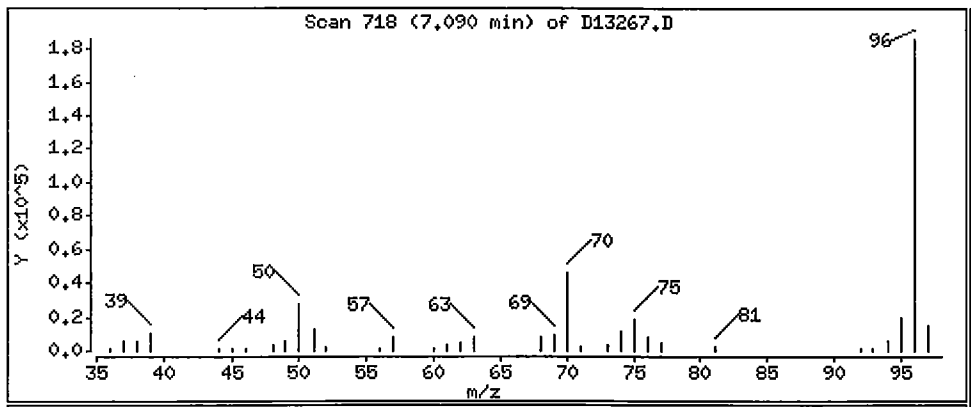
Operator: AD

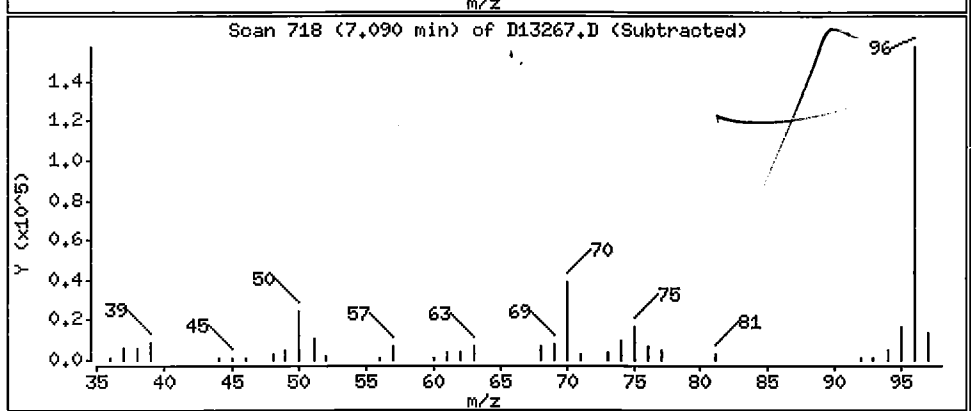
Column phase: J&W DB-624

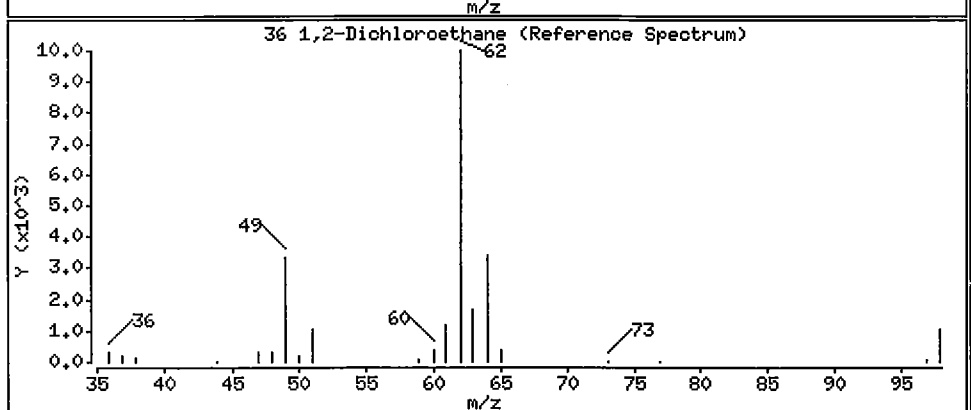
Column diameter: 0.53

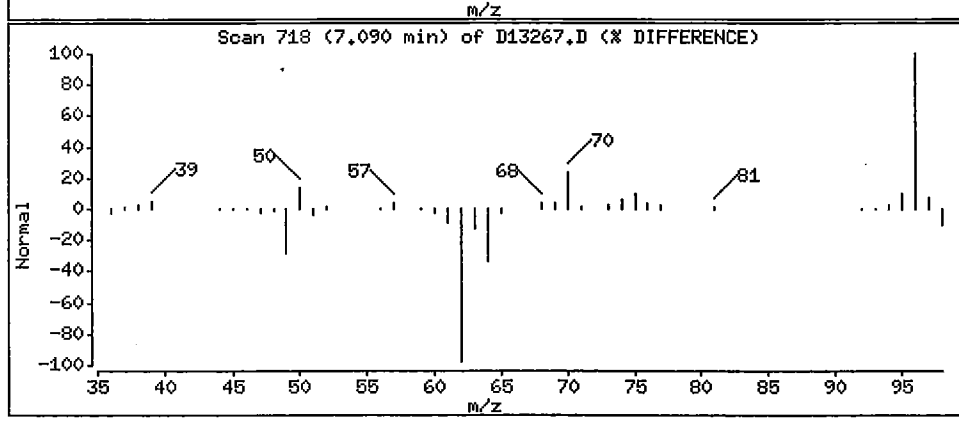
36 1,2-Dichloroethane

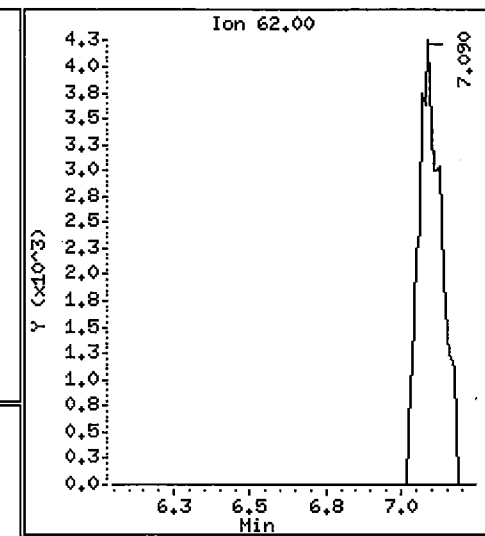
Concentration: 1.50 ug/Kg

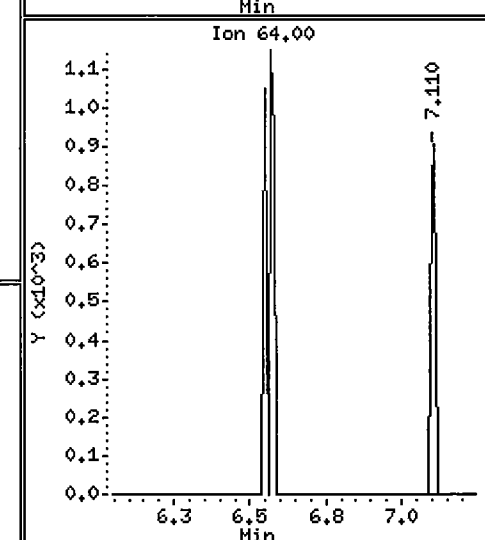


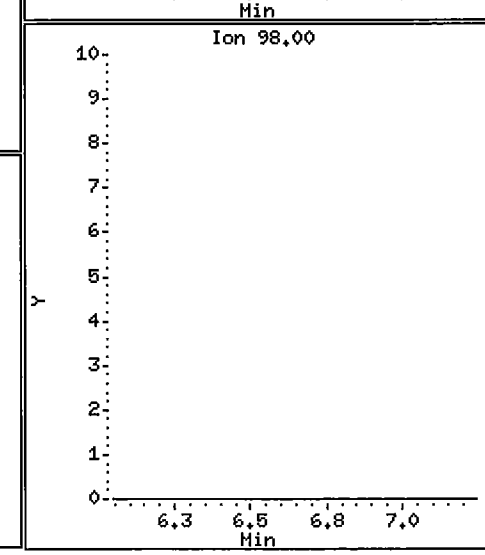












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13267.D

Date : 21-OCT-2000 05:56

Client ID: D13267

Instrument: md.i

Sample Info: DLTCR101,,2,,0,1,0,8260BDA.M,D13267

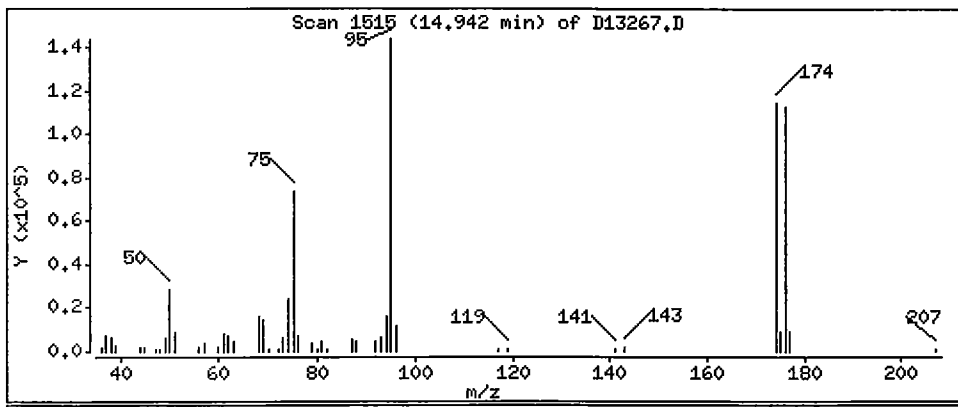
Operator: AD

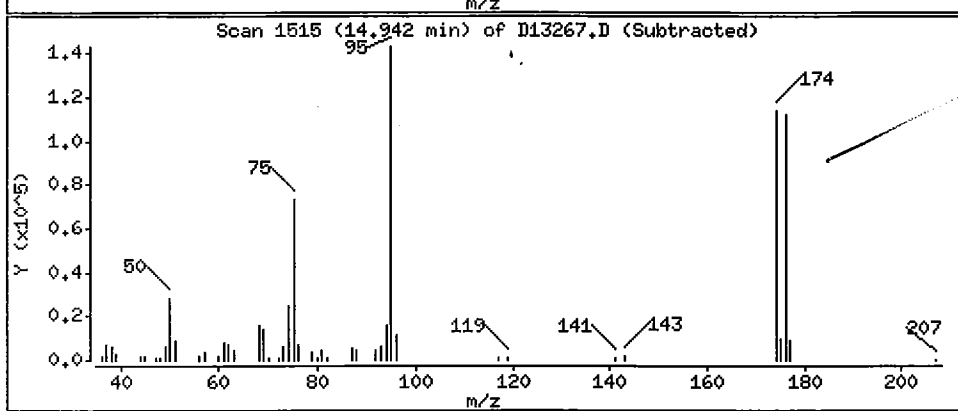
Column phase: J&W DB-624

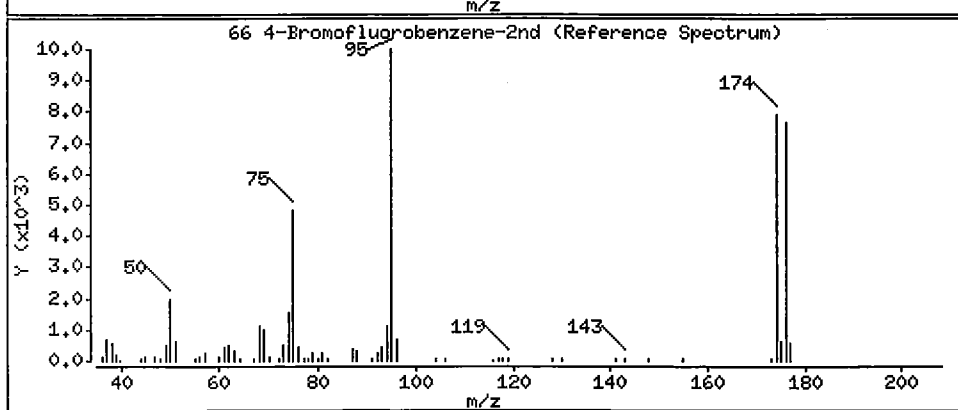
Column diameter: 0.53

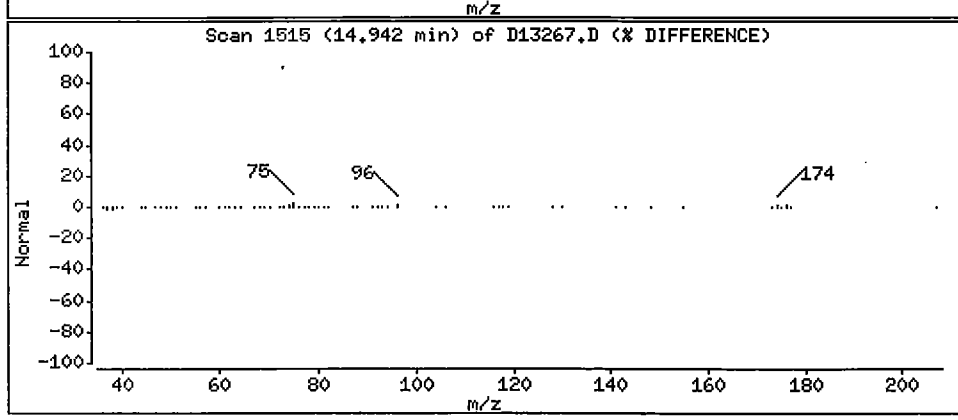
66 4-Bromofluorobenzene-2nd

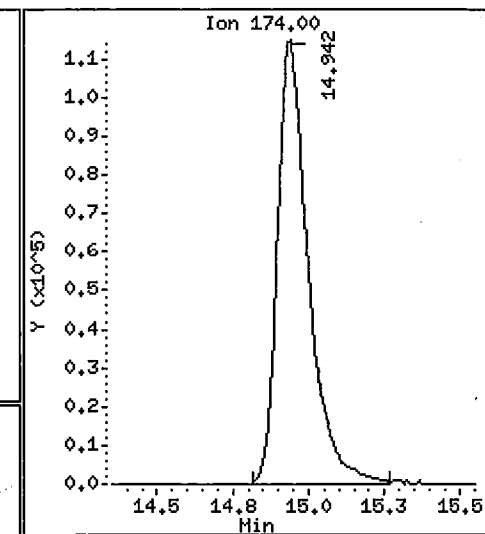
Concentration: 47.42 ug/Kg

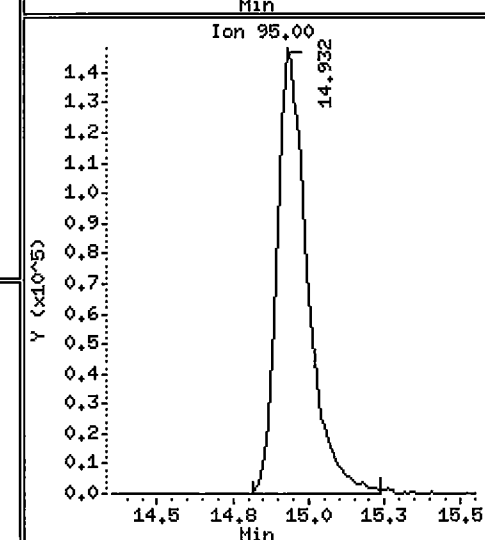


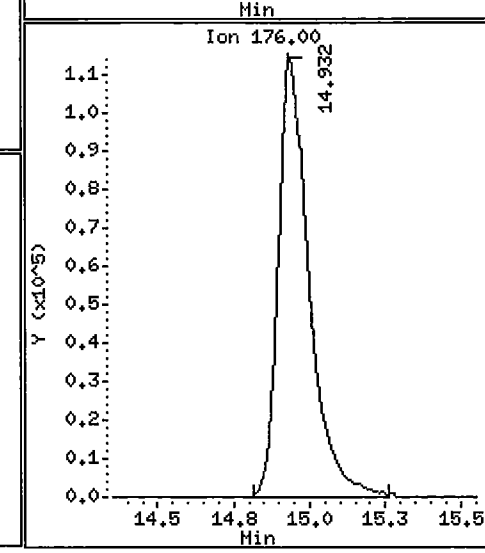












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13267.D

Date : 21-OCT-2000 05:56

Client ID: D13267

Instrument: md.i

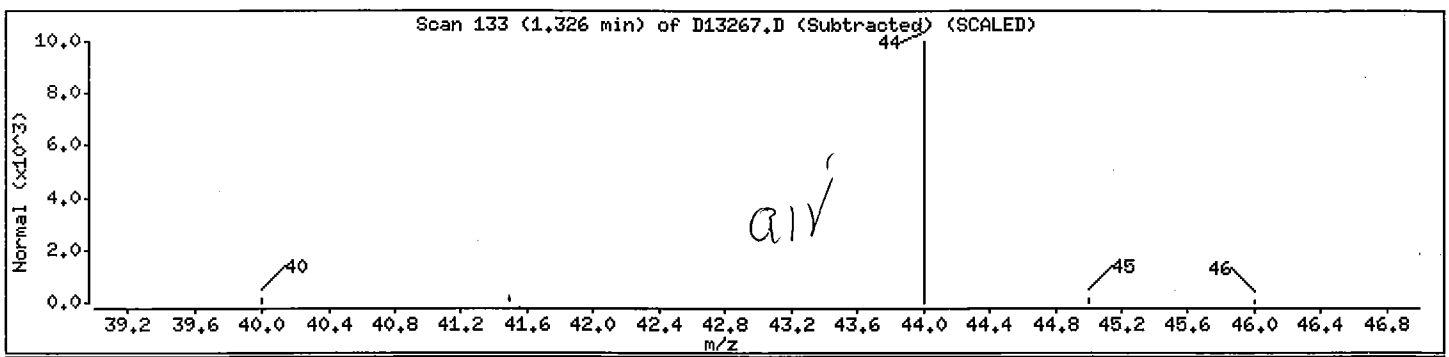
Sample Info: DLTCR101,,2,,0,1,0,8260BDA.M,D13267

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13268.D
Lab Smp Id: DLTCT101 Client Smp ID: D13268
Inj Date : 21-OCT-2000 06:27
Operator : AD Inst ID: md.i
Smp Info : DLTCT101,,2,,0,1,0,8260BDA.M,D13268
Misc Info : E0J090227-13,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.983	5.983	(0.844)	910578	45.9347	45.93	
$ 33 1,2-Dichloroethane-d4	65	6.515	6.525	(0.919)	569592	42.5691	42.57	
34 1,2-Dichloroethane-d4 2nd	102	6.515	6.515	(0.919)	118751	43.9905	43.99	
* 38 Fluorobenzene	96	7.086	7.096	(1.000)	1393662	50.0000		
$ 47 Toluene-d8	98	9.904	9.924	(0.786)	1304099	46.2188	46.22	
* 56 Chlorobenzene-d5	117	12.604	12.604	(1.000)	1218839	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.939	14.948	(0.866)	828317	47.4245	47.42	
$ 67 4-Bromofluorobenzene	95	14.939	14.948	(0.866)	1064681	45.6719	45.67	
* 79 1,4-Dichlorobenzene-d4	152	17.244	17.264	(1.000)	877162	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13268.D
Lab Smp Id: DLTCT101 Client Smp ID: D13268
Inj Date : 21-OCT-2000 06:27
Operator : AD Inst ID: md.i
Smp Info : DLTCT101,,2,,0,1,0,8260BDA.M,D13268
Misc Info : E0J090227-13,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.086	3146984	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.323	596927	9.48410657	9.48	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTCT101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13268
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ 9\	1.323	9.48	J

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13268.D

Date : 21-OCT-2000 06:27

Client ID: D13268

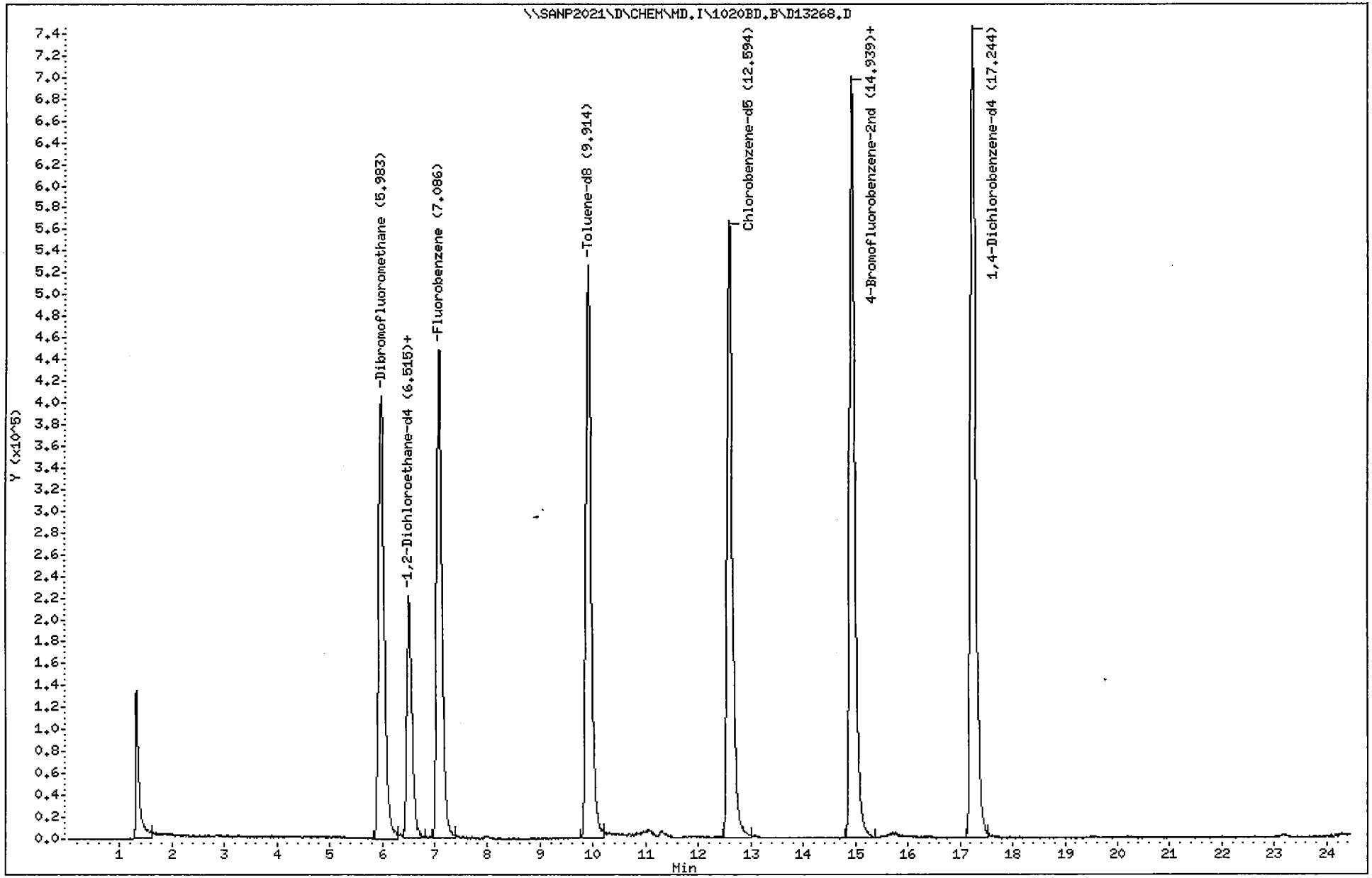
Sample Info: DLTCT101,,2,,0,1,0,8260BDA.M,D13268

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



BOE-C6-0150950

000527

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13268.D

Date : 21-OCT-2000 06:27

Client ID: D13268

Instrument: md.i

Sample Info: DLTCT101,,2,,0,1,0,8260BDA.M,D13268

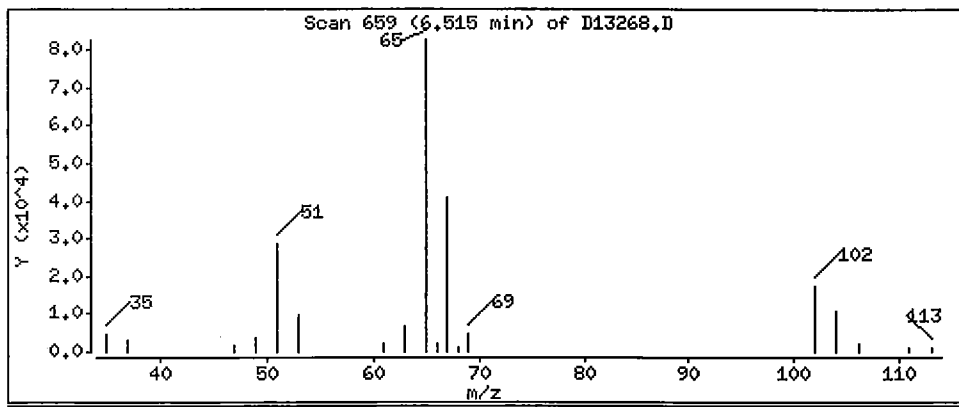
Operator: AD

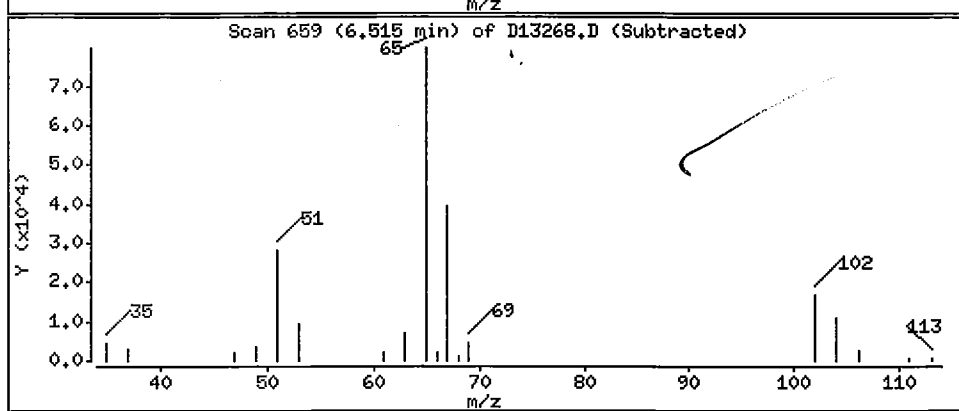
Column phase: J&W DB-624

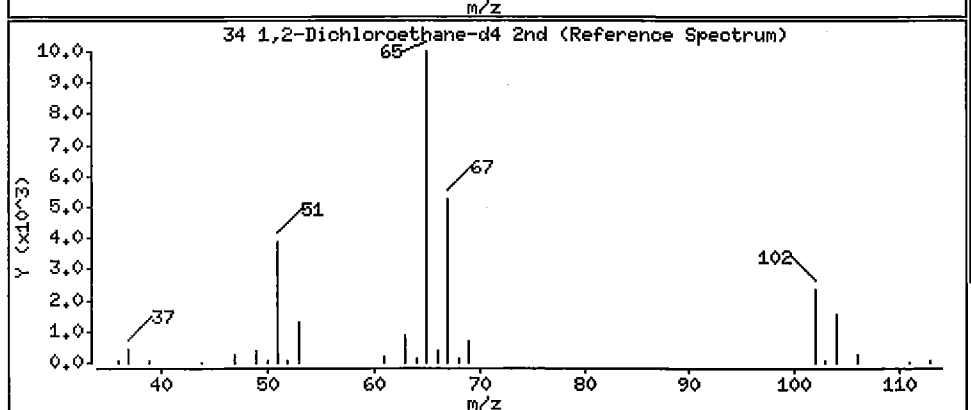
Column diameter: 0.53

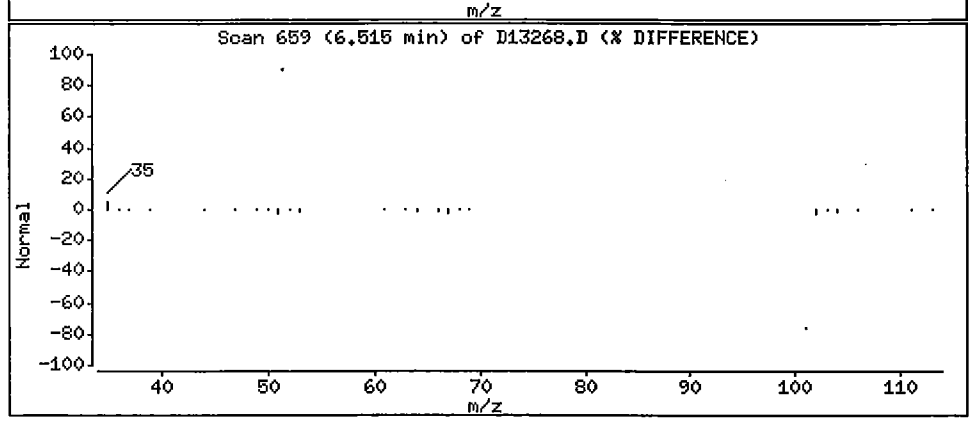
34 1,2-Dichloroethane-d4 2nd

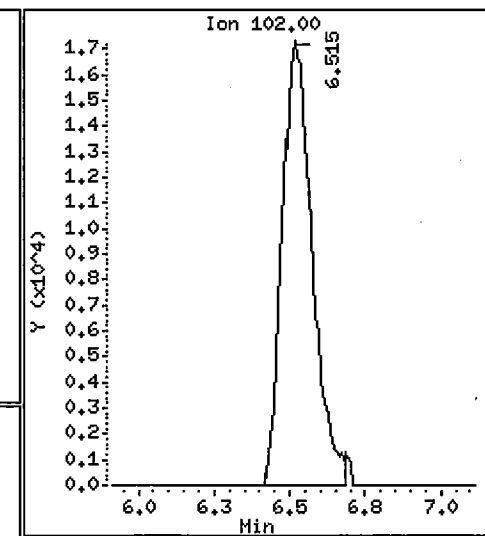
Concentration: 43.99 ug/Kg

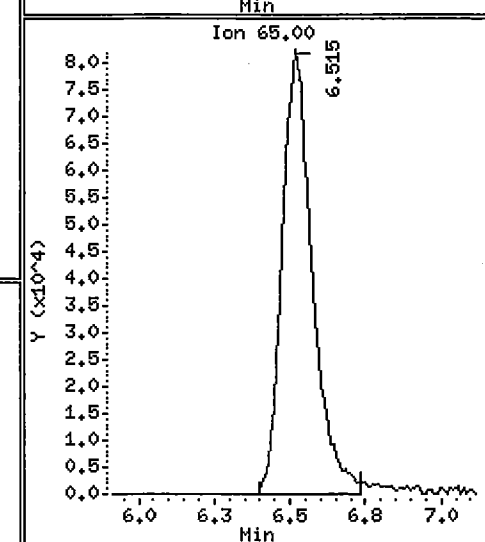












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13268.D

Date : 21-OCT-2000 06:27

Client ID: D13268

Instrument: md.i

Sample Info: DLTCT101,,2,,0,1,0,8260BDA.M,D13268

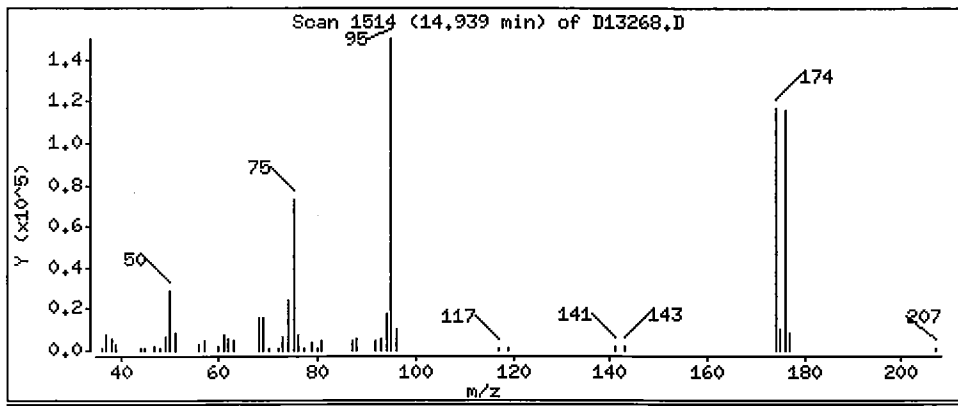
Operator: AD

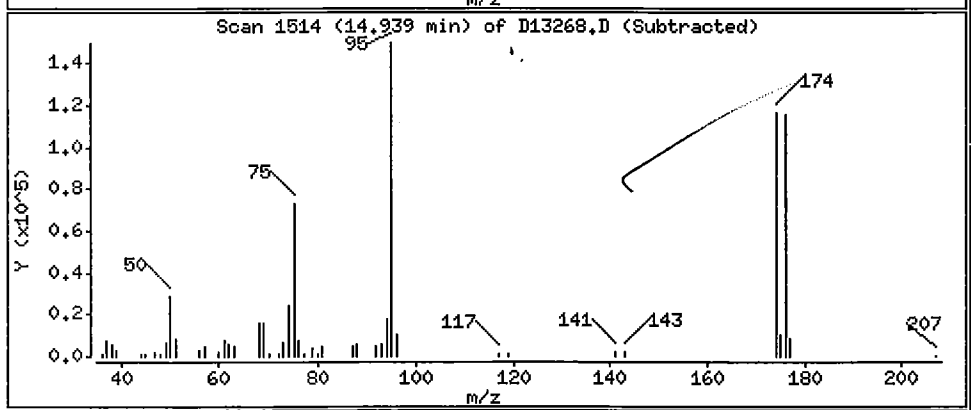
Column phase: J&W DB-624

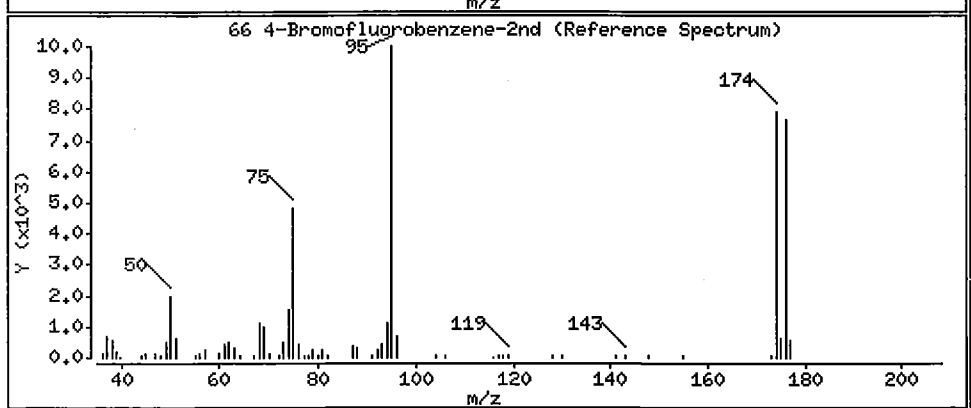
Column diameter: 0.53

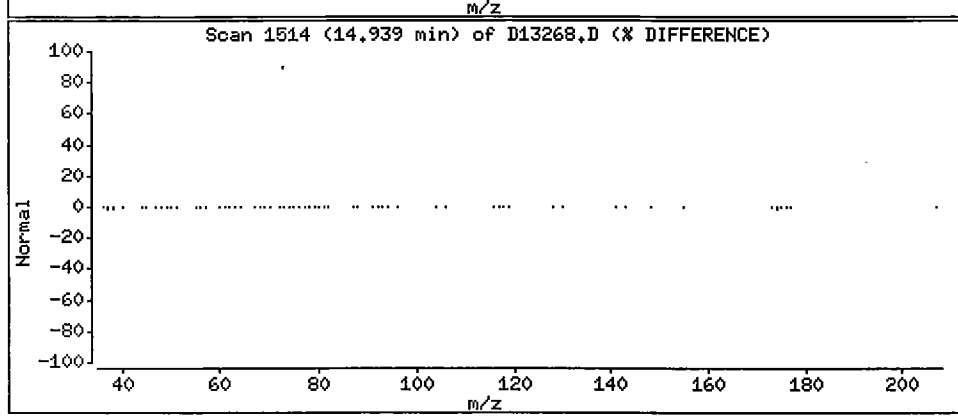
66 4-Bromofluorobenzene-2nd

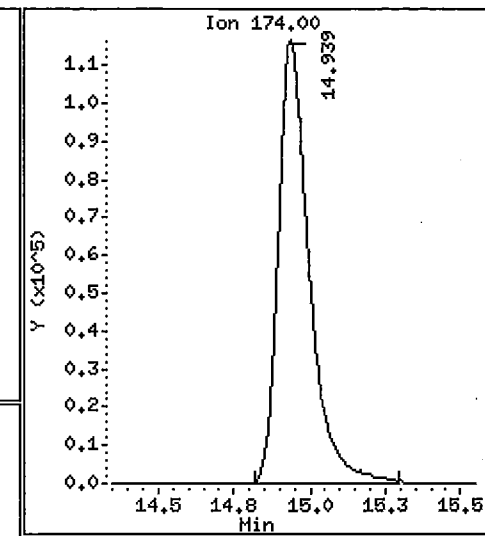
Concentration: 47.42 ug/Kg

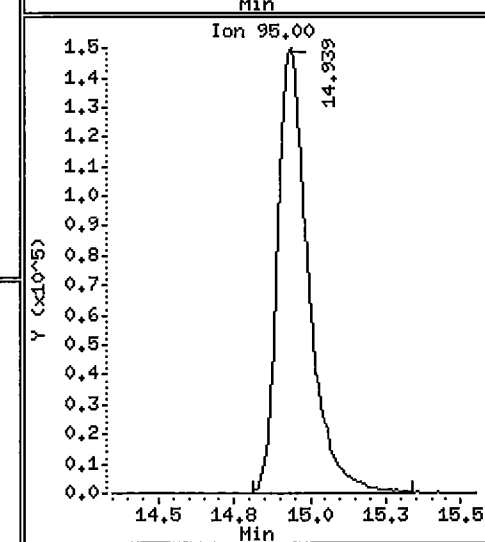


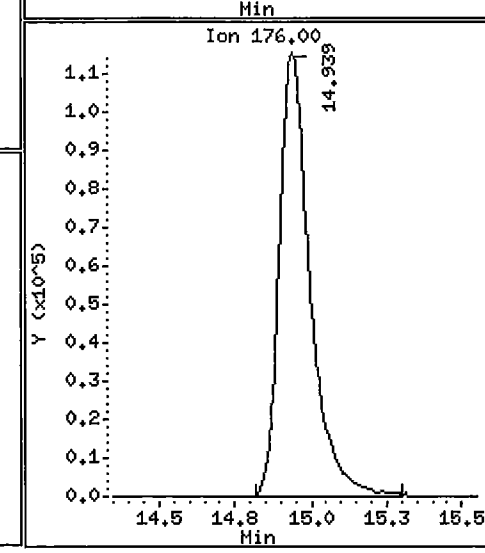












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13268.D

Date : 21-OCT-2000 06:27

Client ID: D13268

Instrument: md.i

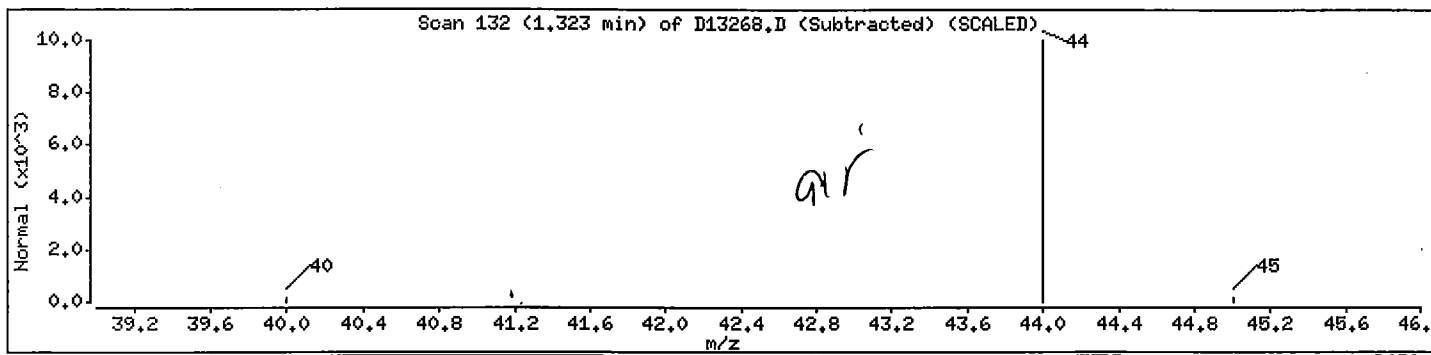
Sample Info: DLTCT101,,2,,0,1,0,8260BDA.M,D13268

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



air

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1020BD.B\D13269.D
Lab Smp Id: DLTCW101 Client Smp ID: D13269
Inj Date : 21-OCT-2000 06:59
Operator : AD Inst ID: md.i
Smp Info : DLTCW101,,2,,0,1,0,8260BDA.M,D13269
Misc Info : E0J090227-14,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.886	2.870	(0.407)	8127	5.58729	5.59
$ 29 Dibromofluoromethane	111	5.980	5.983	(0.844)	879888	47.0830	47.08
$ 33 1,2-Dichloroethane-d4	65	6.521	6.525	(0.921)	539520	42.7712	42.77
34 1,2-Dichloroethane-d4 2nd	102	6.521	6.515	(0.921)	111515	43.8194	43.82
* 38 Fluorobenzene	96	7.083	7.096	(1.000)	1313845	50.0000	
$ 47 Toluene-d8	98	9.911	9.924	(0.787)	1225774	45.4649	45.46
* 56 Chlorobenzene-d5	117	12.590	12.604	(1.000)	1164633	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.935	14.948	(0.866)	773115	47.3512	47.35
$ 67 4-Bromofluorobenzene	95	14.925	14.948	(0.866)	996846	45.7444	45.74
* 79 1,4-Dichlorobenzene-d4	152	17.241	17.264	(1.000)	819972	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1020BD.B\D13269.D
Lab Smp Id: DLTCW101 Client Smp ID: D13269
Inj Date : 21-OCT-2000 06:59
Operator : AD Inst ID: md.i
Smp Info : DLTCW101,,2,,0,1,0,8260BDA.M,D13269
Misc Info : E0J090227-14,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.083	3013742	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.320	574919	9.53829322	9.54	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTCW101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13269
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

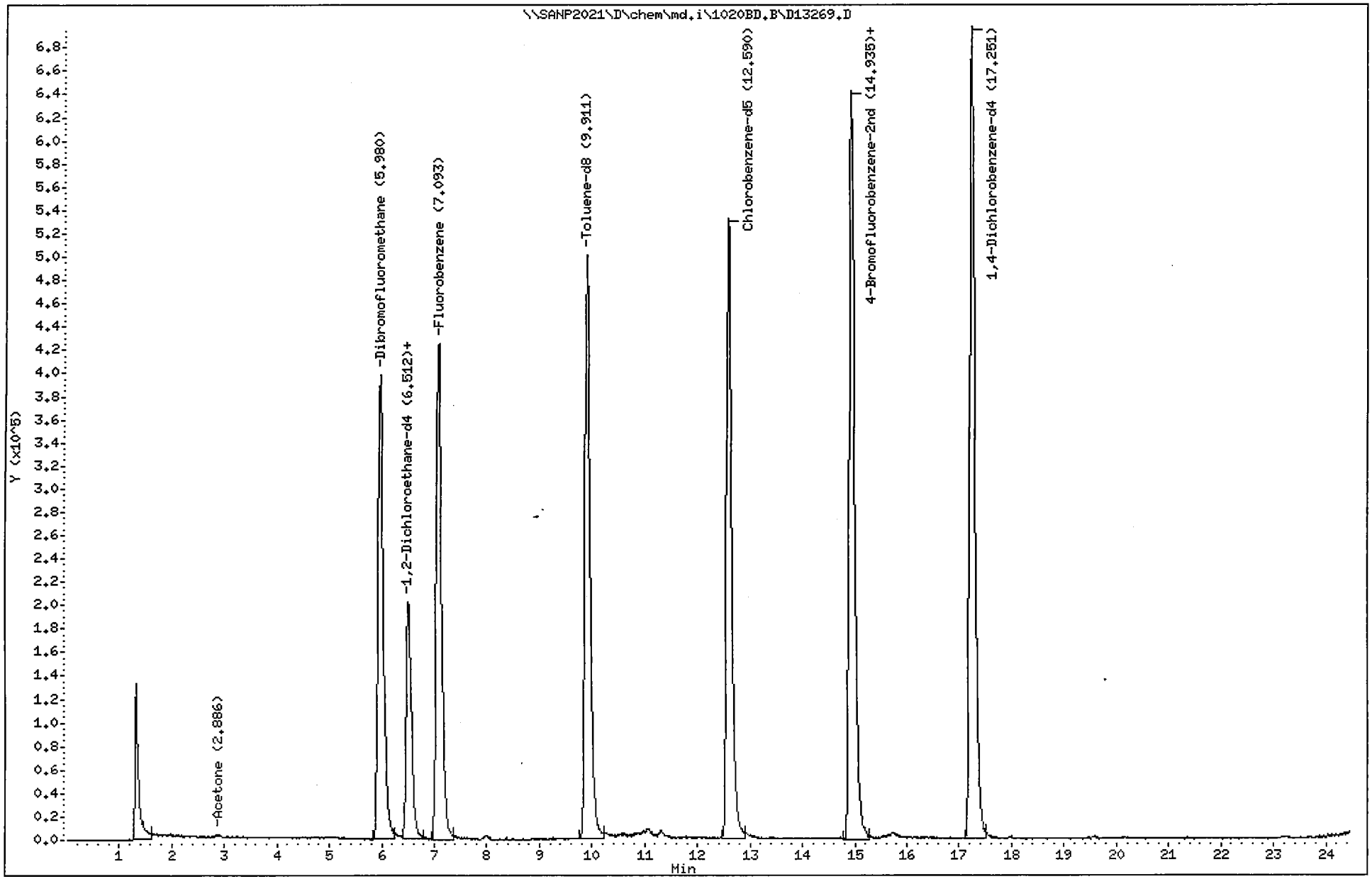
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ Gly	1.320	9.54	J

Data File: \\SANP2021\D\chem\md.i\1020BD.B\D13269.D
Date : 21-OCT-2000 06:59
Client ID: D13269
Sample Info: DLTCW101,,2,,0,1,0,8260BDA.M,D13269

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



000535

BOE-C6-0150958

Data File: \\SANP2021\D\chem\md.i\1020BD.B\D13269.D

Date : 21-OCT-2000 06:59

Client ID: D13269

Instrument: md.i

Sample Info: DLTCW101,,2,,0,1,0,8260BDA.M,D13269

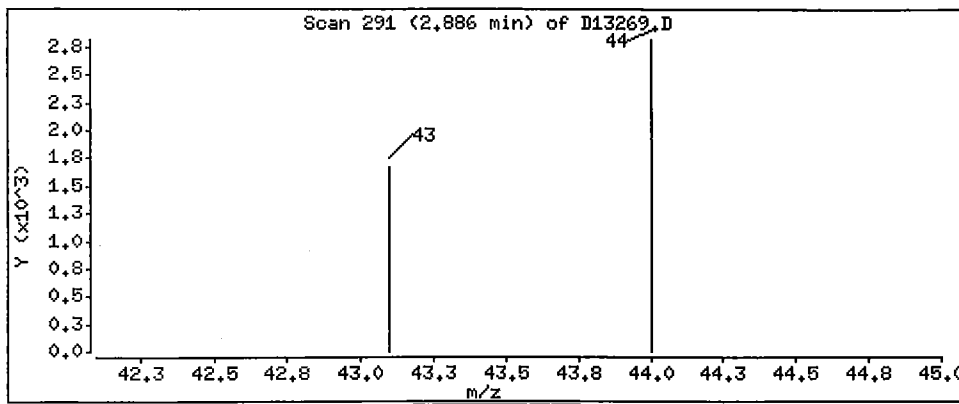
Operator: AD

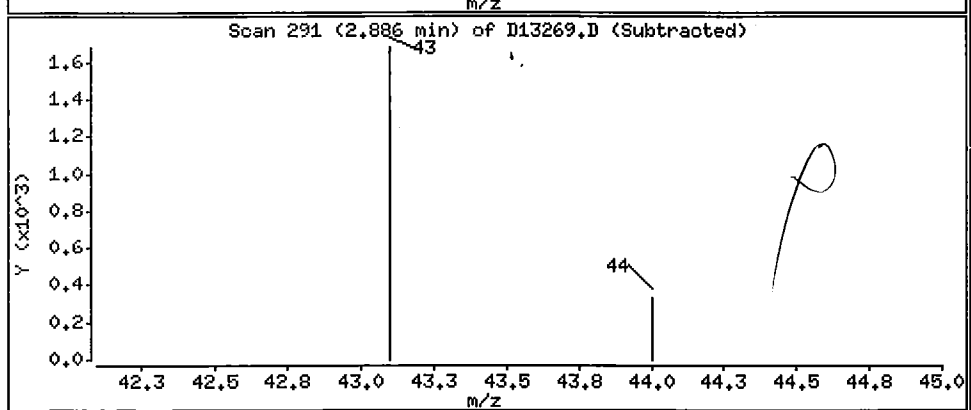
Column phase: J&W DB-624

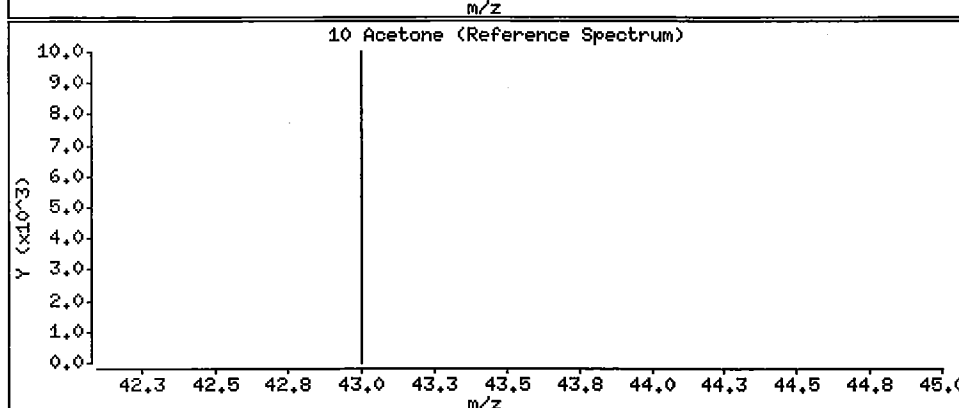
Column diameter: 0.53

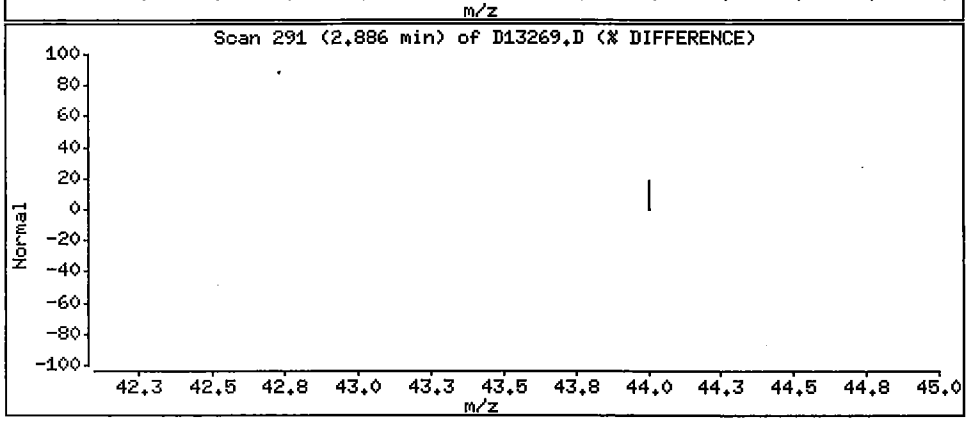
10 Acetone

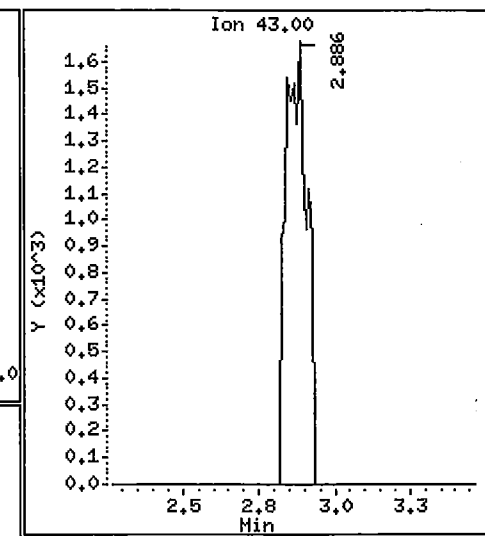
Concentration: 5.59 ug/Kg

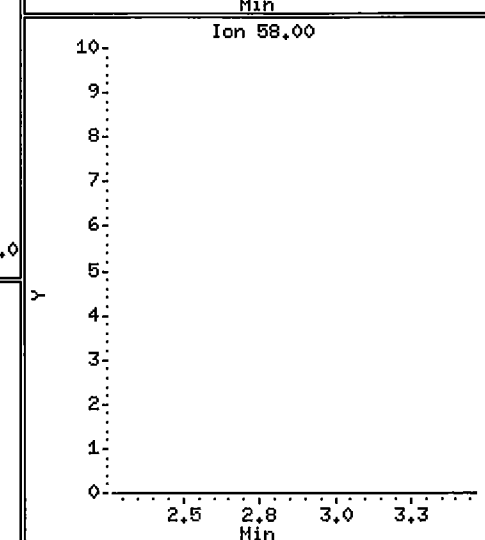












Data File: \\SANP2021\D\chem\md.i\1020BD.B\D13269.D

Date : 21-OCT-2000 06:59

Client ID: D13269

Instrument: md.i

Sample Info: DLTCW101,,2,,0,1,0,8260BDA,M,D13269

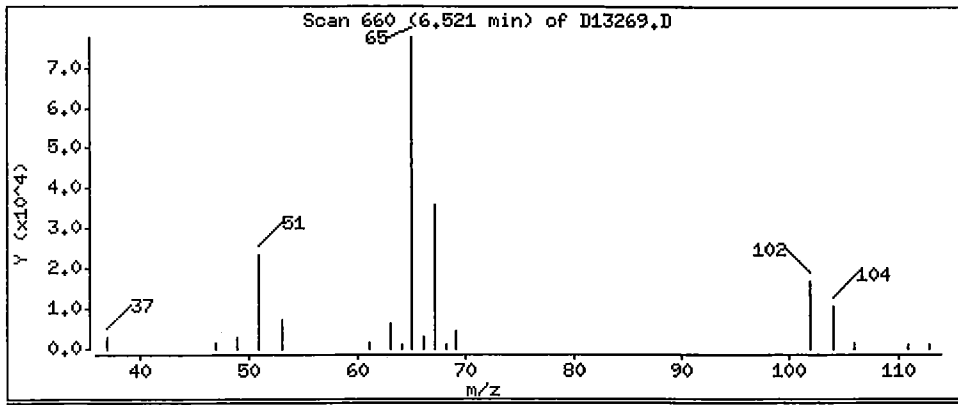
Operator: AD

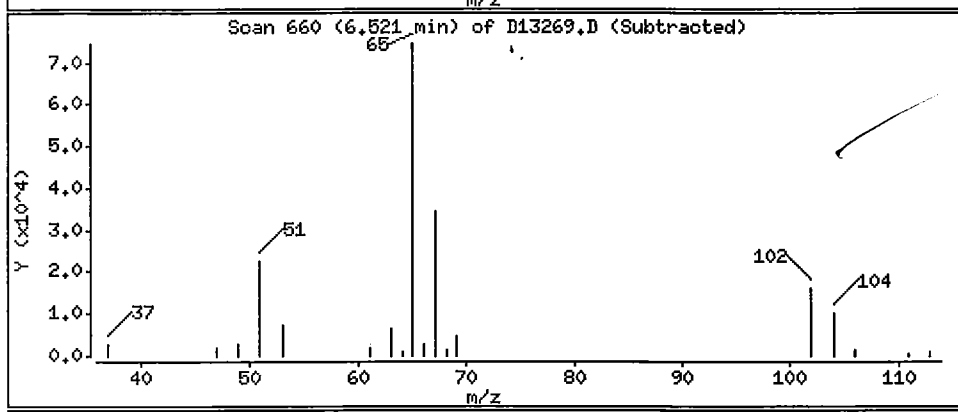
Column phase: J&W DB-624

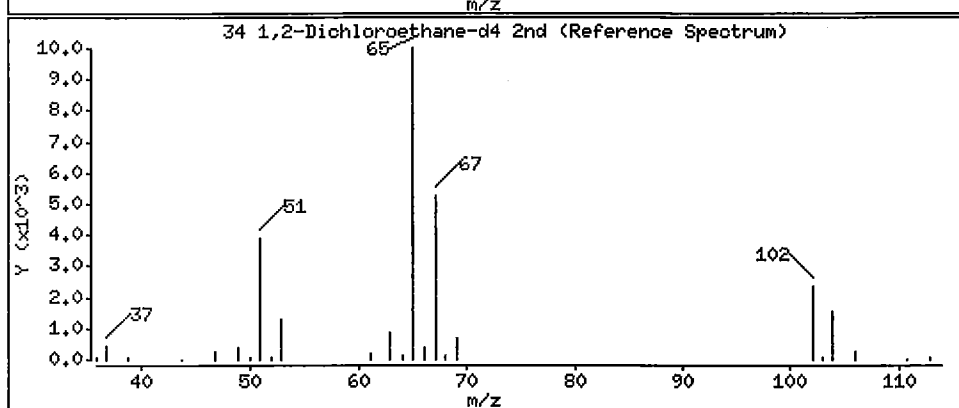
Column diameter: 0.53

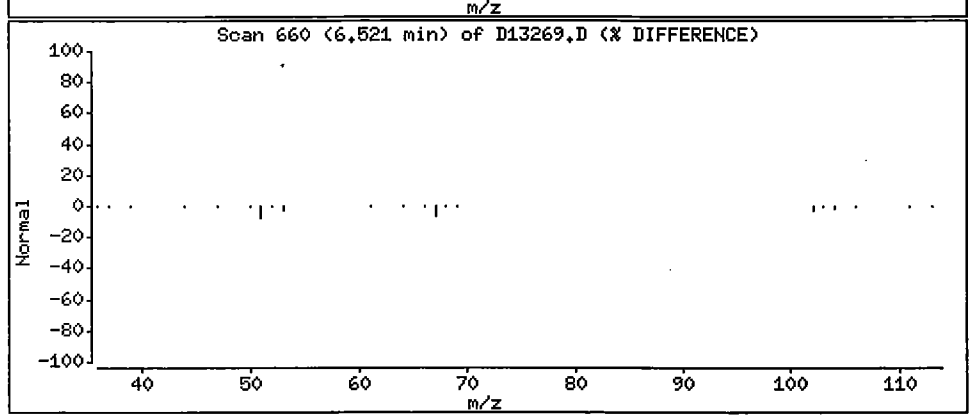
34 1,2-Dichloroethane-d4 2nd

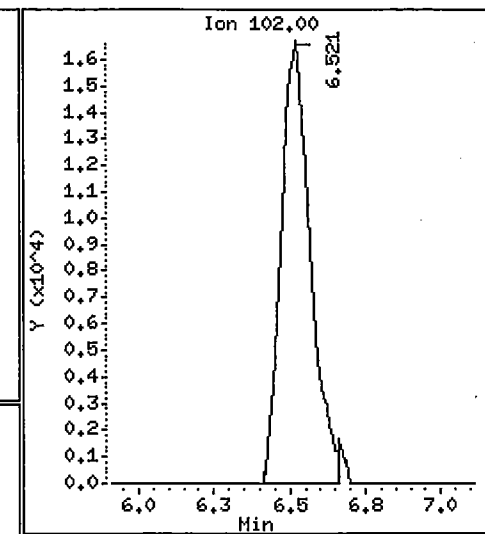
Concentration: 43.82 ug/Kg

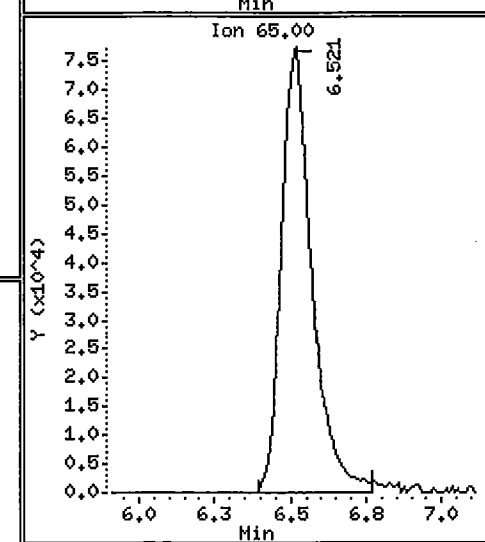












Data File: \\SANP2021\D\chem\md.i\1020BD.B\D13269.D

Date : 21-OCT-2000 06:59

Client ID: D13269

Instrument: md.i

Sample Info: DLTCW101,,2,,0,1,0,8260BDA.M,D13269

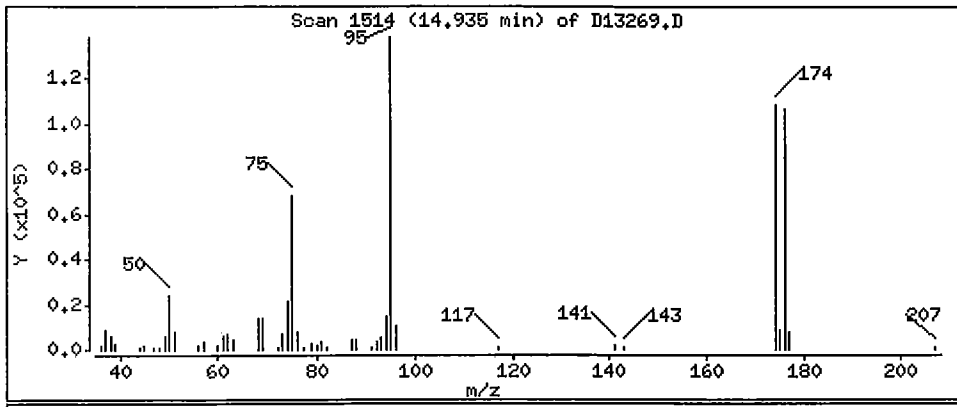
Operator: AD

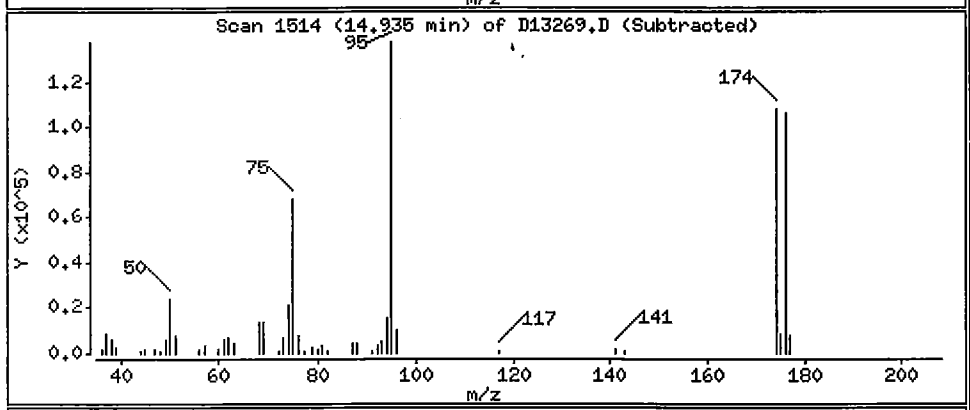
Column phase: J&W DB-624

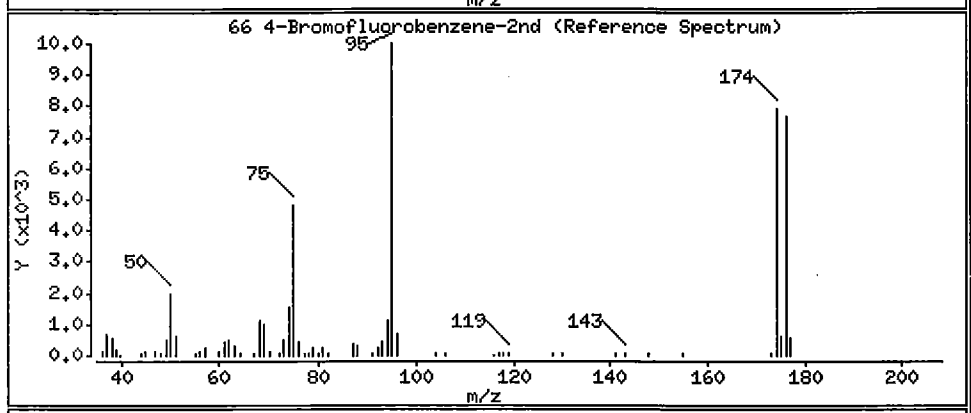
Column diameter: 0.53

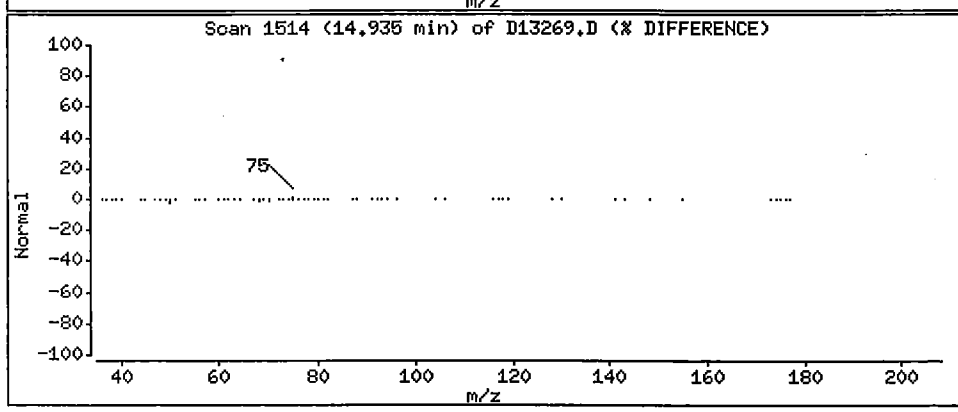
66 4-Bromofluorobenzene-2nd

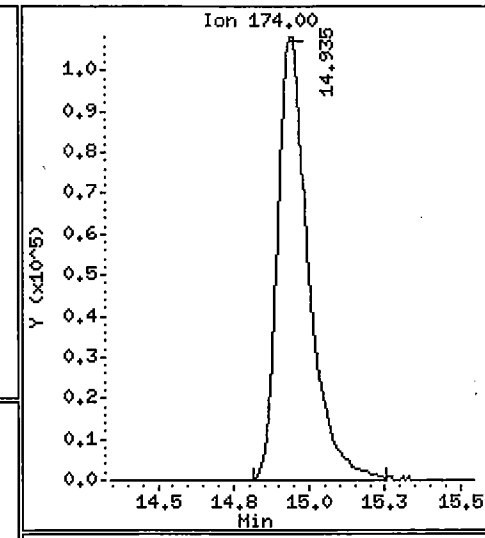
Concentration: 47.35 ug/Kg

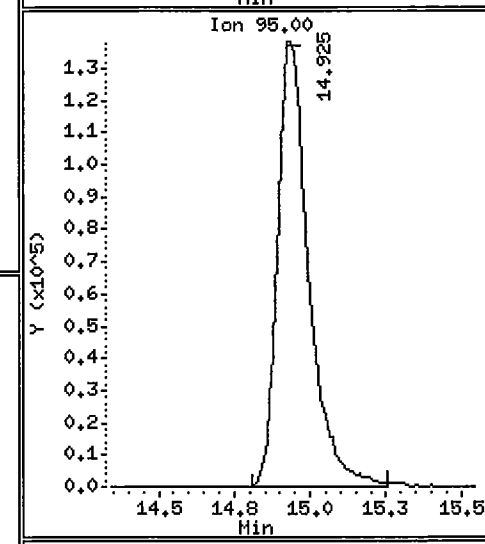


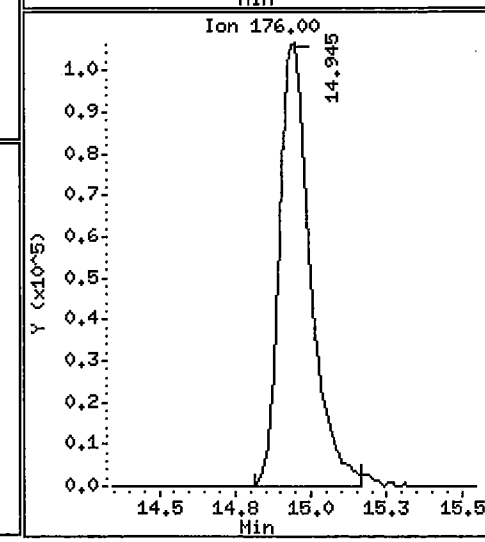












Data File: \\SANP2021\D\chem\md.i\1020BD.B\D13269.D

Date : 21-OCT-2000 06:59

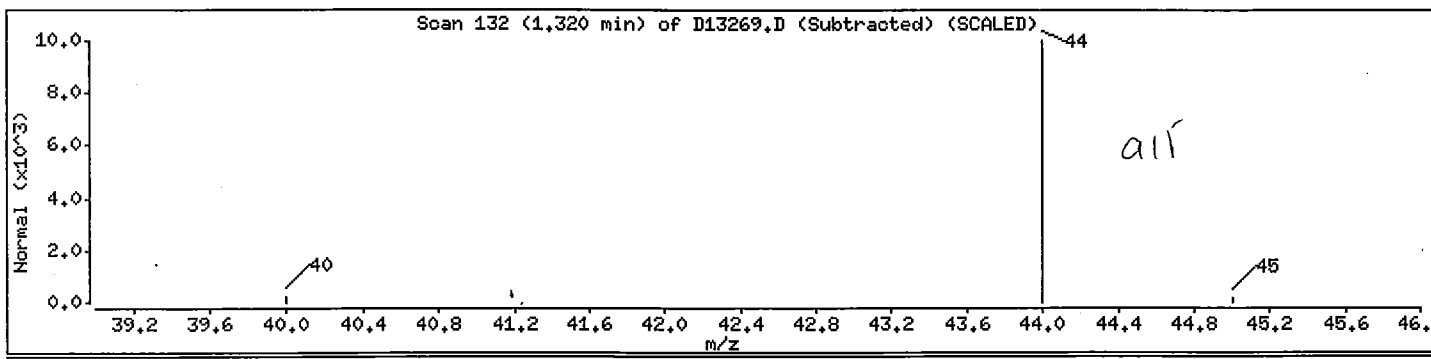
Client ID: D13269 Instrument: md.i

Sample Info: DLTCW101,,2,,0,1,0,8260BDA.M,D13269

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13270.D
Lab Smp Id: DLTCX101 Client Smp ID: D13270
Inj Date : 21-OCT-2000 07:31
Operator : AD Inst ID: md.i
Smp Info : DLTCX101,,2,,0,1,0,8260BDA.M,D13270
Misc Info : E0J090227-15,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.967	5.983	(0.842)	924448	46.4684	46.47	
$ 33 1,2-Dichloroethane-d4	65	6.509	6.525	(0.918)	584302	43.5130	43.51	
34 1,2-Dichloroethane-d4 2nd	102	6.509	6.515	(0.918)	122011	45.0373	45.04	
* 38 Fluorobenzene	96	7.091	7.096	(1.000)	1398641	50.0000		
$ 47 Toluene-d8	98	9.898	9.924	(0.786)	1288315	44.7258	44.72	
* 56 Chlorobenzene-d5	117	12.588	12.604	(1.000)	1244282	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.943	14.948	(0.867)	819281	47.0020	47.00	
$ 67 4-Bromofluorobenzene	95	14.933	14.948	(0.866)	1051264	45.1875	45.19	
* 79 1,4-Dichlorobenzene-d4	152	17.238	17.264	(1.000)	875392	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13270.D
Lab Smp Id: DLTCX101 Client Smp ID: D13270
Inj Date : 21-OCT-2000 07:31
Operator : AD Inst ID: md.i
Smp Info : DLTCX101,,2,,0,1,0,8260BDA.M,D13270
Misc Info : E0J090227-15,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.091	3125491	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	562102	8.99221604	8.99	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTCX101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13270
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

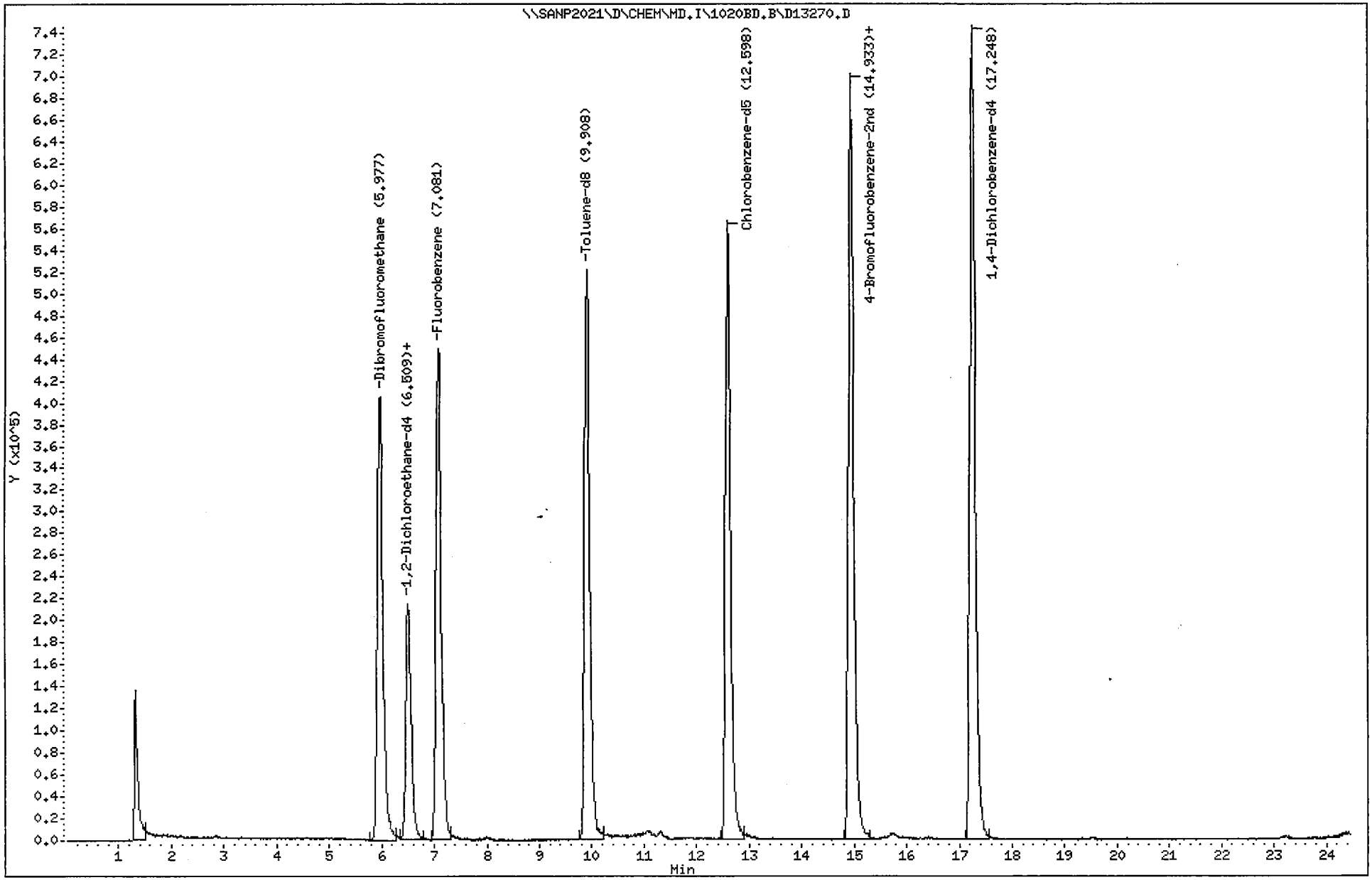
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown alY	1.317	8.99	J

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13270.D
Date : 21-OCT-2000 07:31
Client ID: D13270
Sample Info: DLTCX101,,2,,0,1,0,8260BDA.M,D13270

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



000543

BOE-C6-0150966

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13270.D

Date : 21-OCT-2000 07:31

Client ID: D13270

Instrument: md.i

Sample Info: DLTCX101,,2,,0,1,0,8260BDA.M,D13270

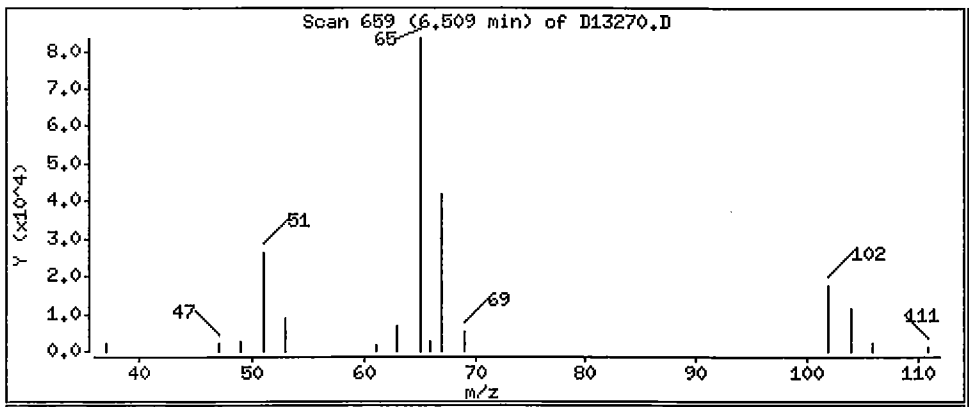
Operator: AD

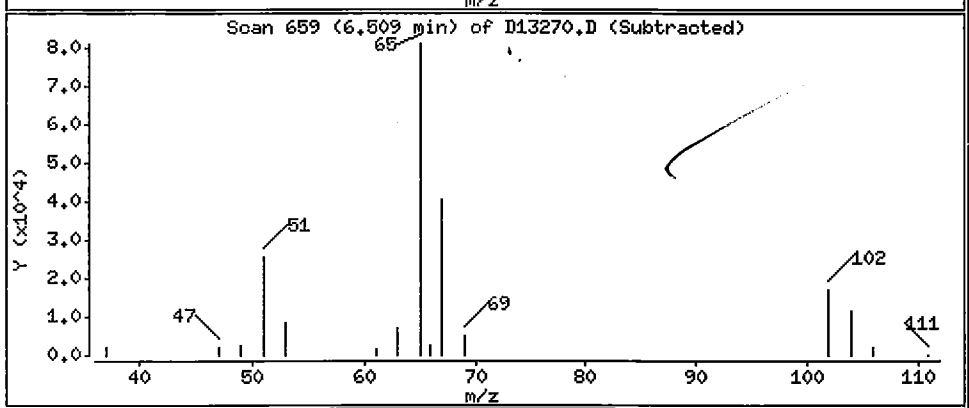
Column phase: J&W DB-624

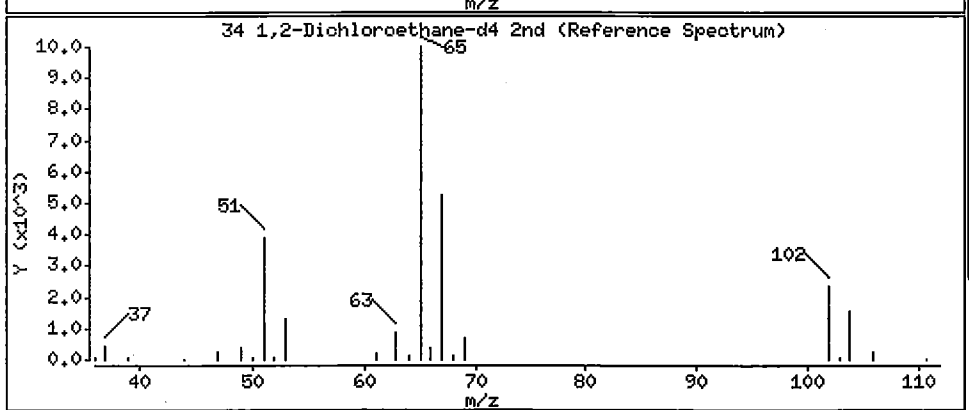
Column diameter: 0.53

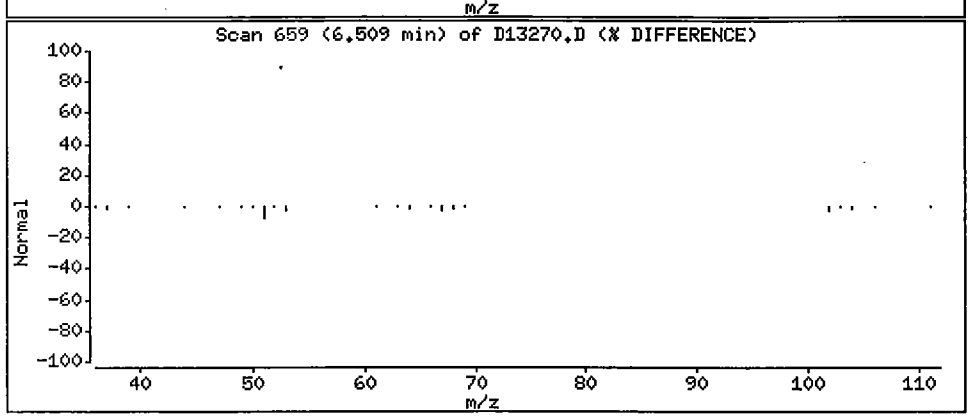
34 1,2-Dichloroethane-d4 2nd

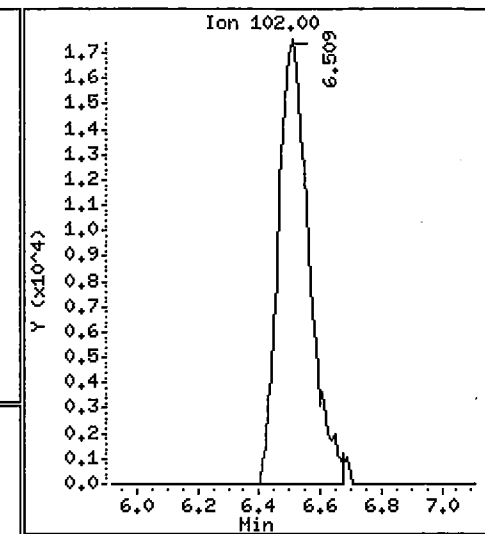
Concentration: 45.04 ug/Kg

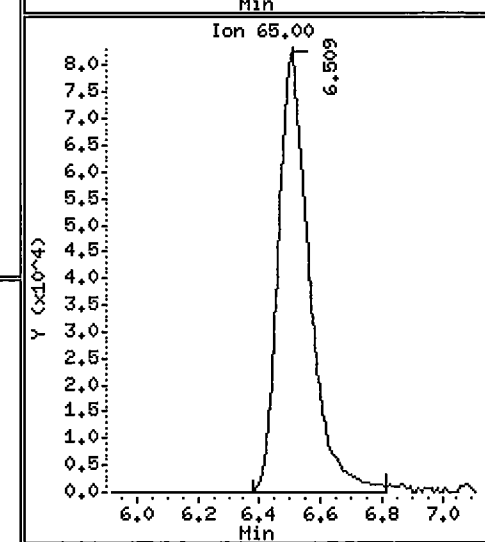












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13270.D

Date : 21-OCT-2000 07:31

Client ID: D13270

Instrument: md.i

Sample Info: DLTCX101,,2,,0,1,0,8260BDA.M,D13270

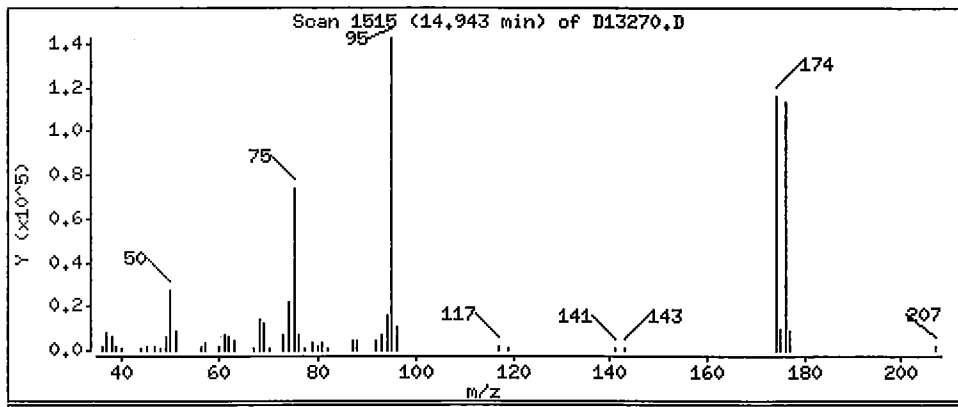
Operator: AD

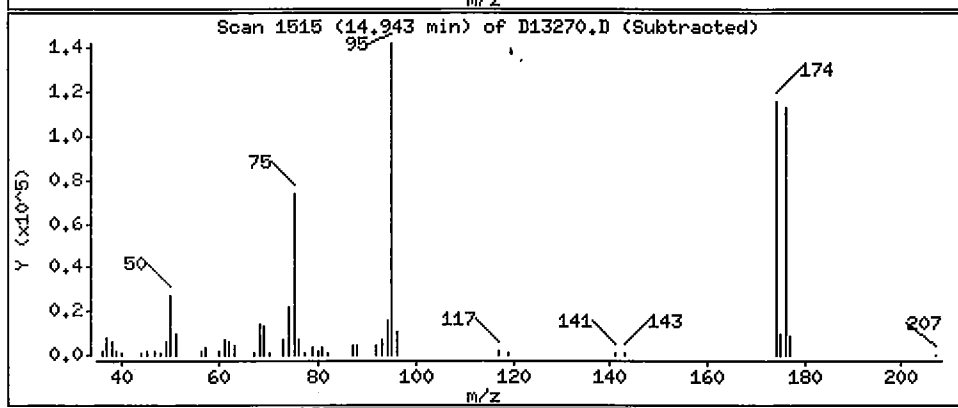
Column phase: J&W DB-624

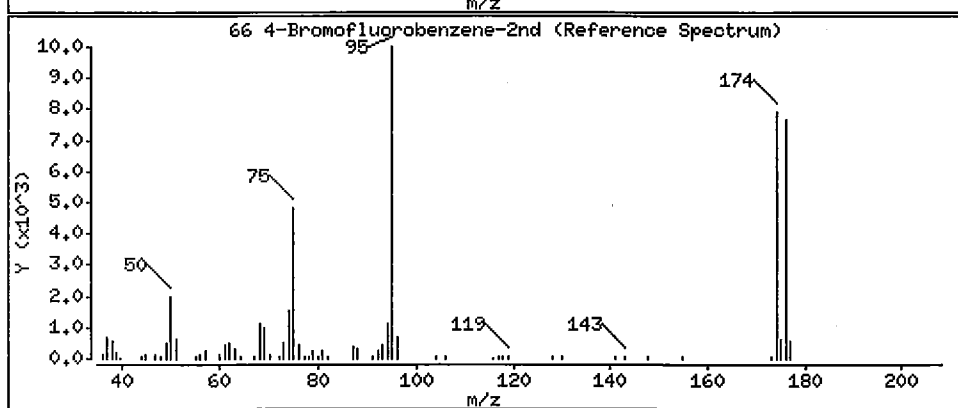
Column diameter: 0.53

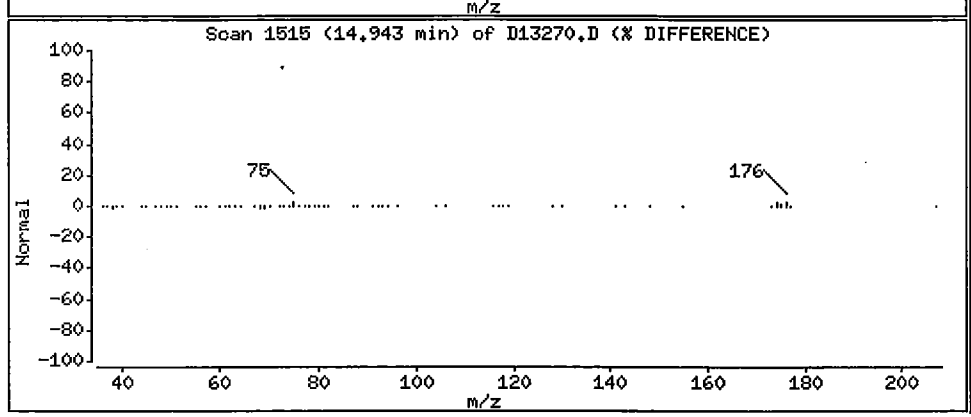
66 4-Bromofluorobenzene-2nd

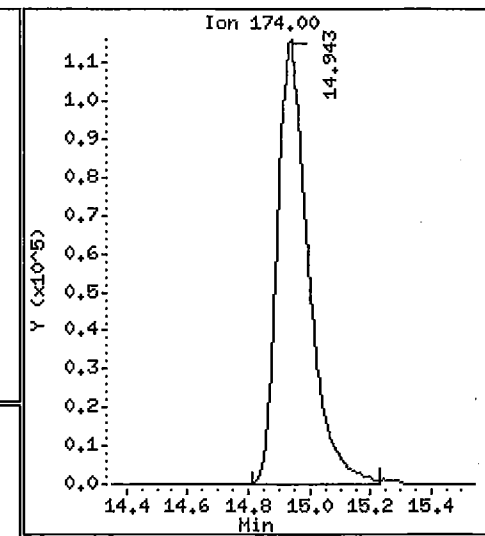
Concentration: 47.00 ug/Kg

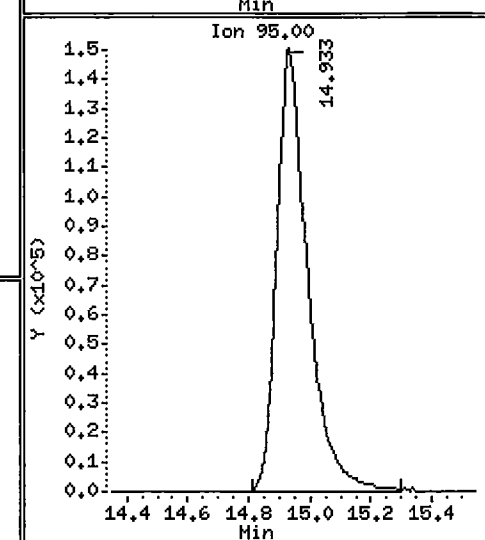


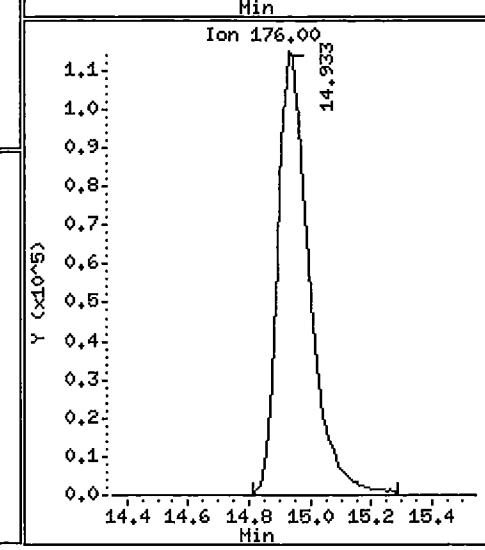












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13270.D

Date : 21-OCT-2000 07:31

Client ID: D13270

Instrument: md.i

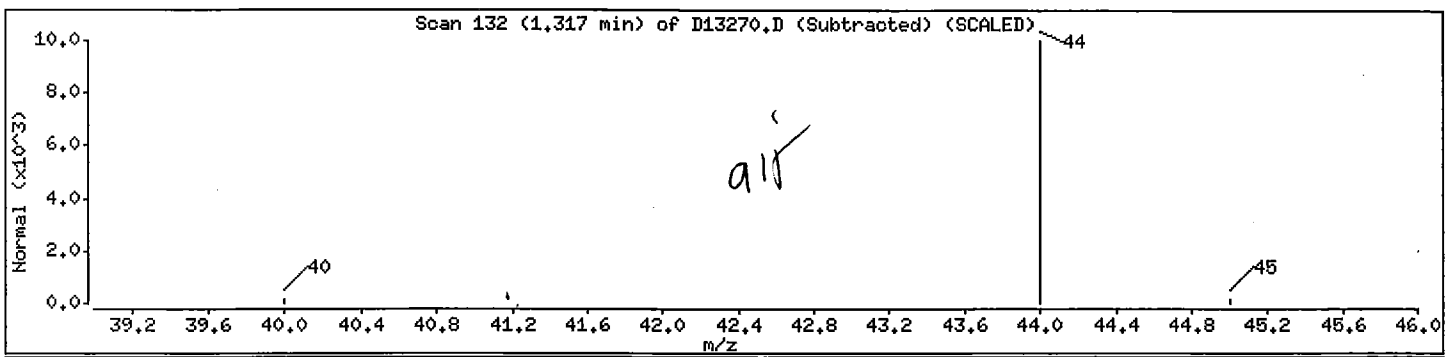
Sample Info: DLTCX101,,2,,0,1,0,8260BDA.M,D13270

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13271.D
Lab Smp Id: DLTD0101 Client Smp ID: D13271
Inj Date : 21-OCT-2000 08:02
Operator : AD Inst ID: md.i
Smp Info : DLTD0101,,2,,0,1,0,8260BDA.M,D13271
Misc Info : E0J090227-16,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.968	5.983	(0.843)	898318	46.5373	46.54	
$ 33 1,2-Dichloroethane-d4	65	6.520	6.525	(0.921)	563776	43.2697	43.27	
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.515	(0.922)	115642	43.9929	43.99	
* 38 Fluorobenzene	96	7.081	7.096	(1.000)	1357096	50.0000		
$ 47 Toluene-d8	98	9.909	9.924	(0.787)	1269738	46.4648	46.46	
* 56 Chlorobenzene-d5	117	12.599	12.604	(1.000)	1180441	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.943	14.948	(0.866)	803486	47.7617	47.76	
$ 67 4-Bromofluorobenzene	95	14.933	14.948	(0.866)	1023963	45.6045	45.60	
* 79 1,4-Dichlorobenzene-d4	152	17.249	17.264	(1.000)	844861	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13271.D
Lab Smp Id: DLTD0101 Client Smp ID: D13271
Inj Date : 21-OCT-2000 08:02
Operator : AD Inst ID: md.i
Smp Info : DLTD0101,,2,,0,1,0,8260BDA.M,D13271
Misc Info : E0J090227-16,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.081	3076959	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.318	491975	7.99449816	7.99	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTD0101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13271
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown alV	1.318	7.99	J

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13271.D

Date : 21-OCT-2000 08:02

Client ID: D13271

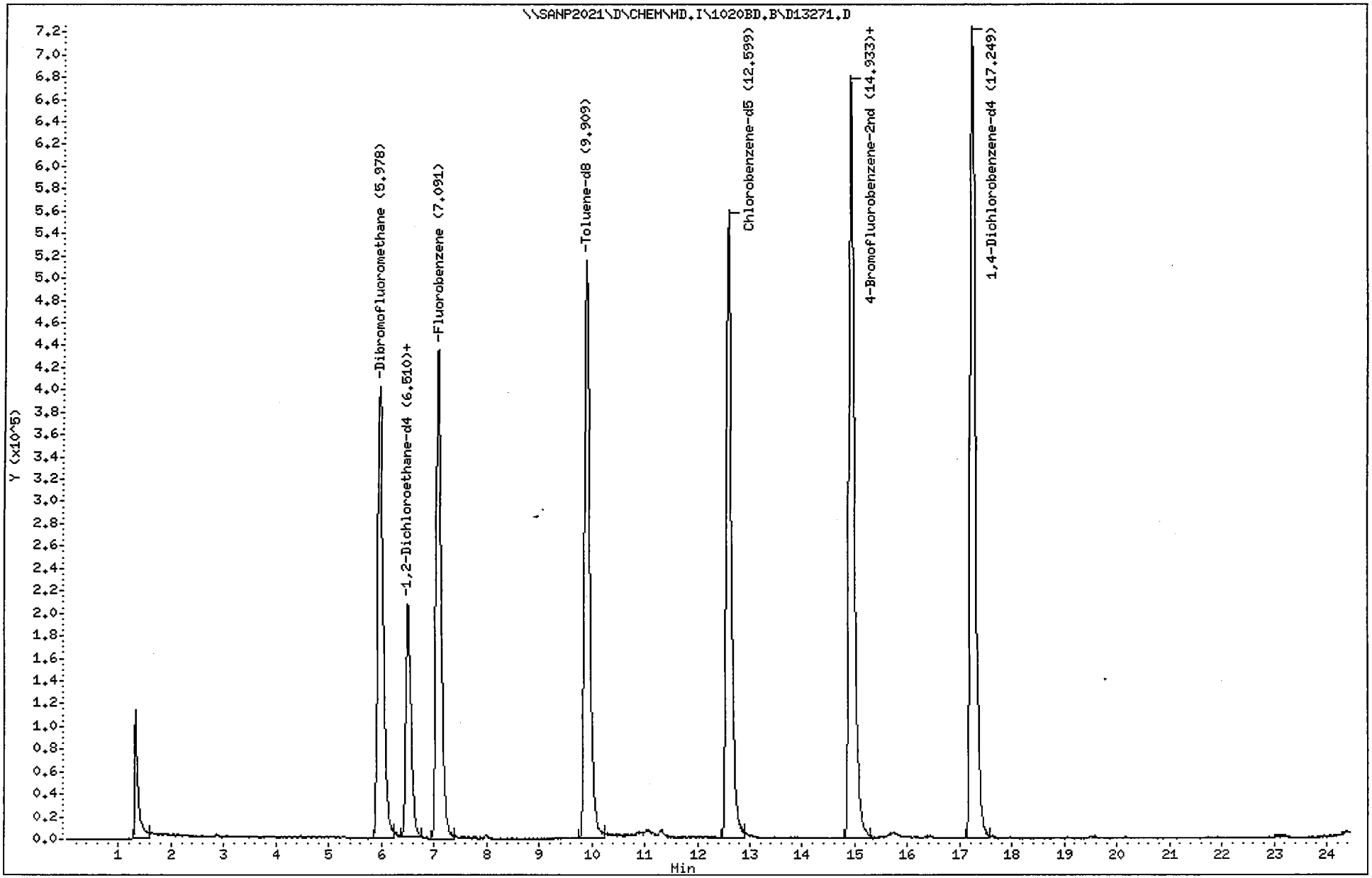
Sample Info: DLTD0101,,2,,0,1,0,8260BDA.M,D13271

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



BOE-C6-0150973

000550

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13271.D

Date : 21-OCT-2000 08:02

Client ID: D13271

Instrument: md.i

Sample Info: DLTD0101,,2,,0,1,0,8260BDA,M,D13271

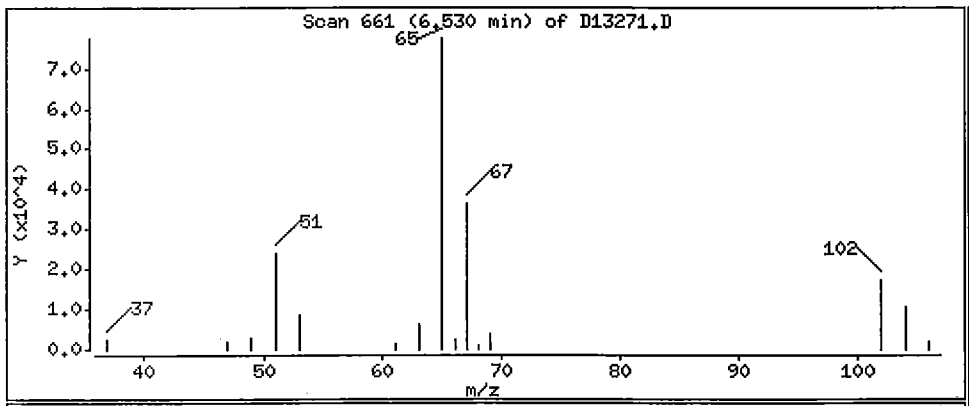
Operator: AD

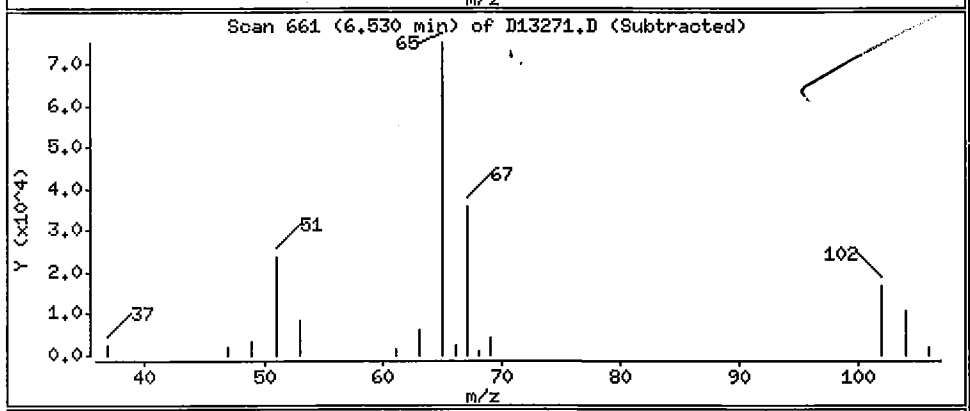
Column phase: J&W DB-624

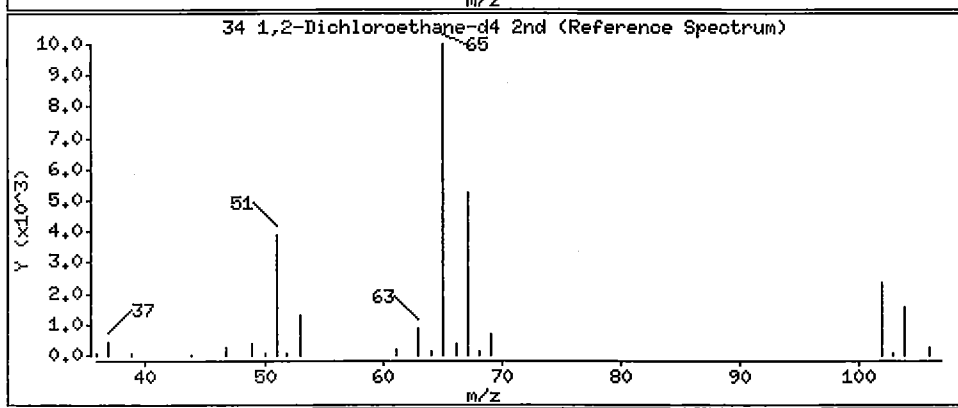
Column diameter: 0.53

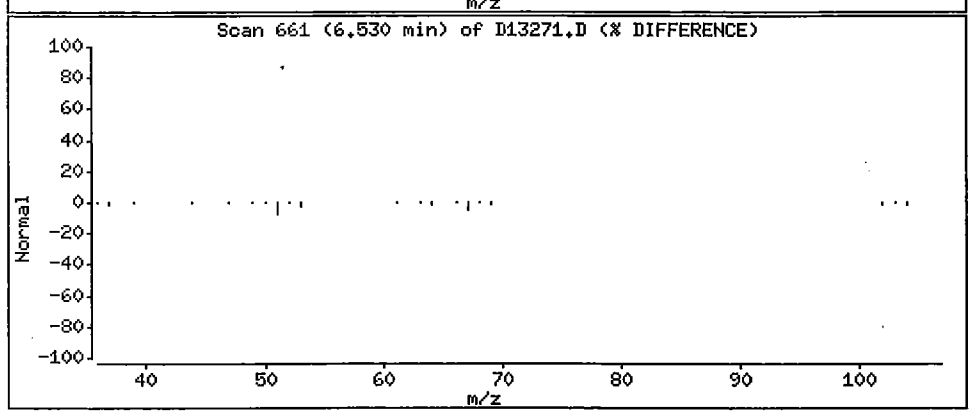
34 1,2-Dichloroethane-d4 2nd

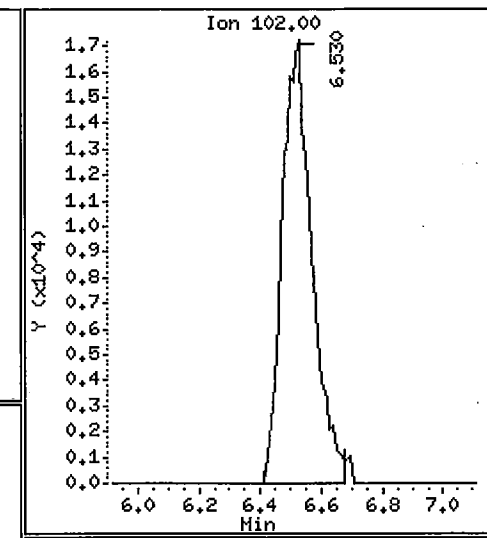
Concentration: 43.99 ug/Kg

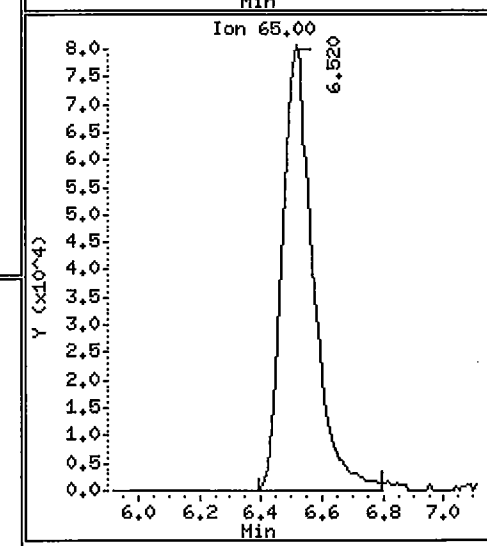












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13271.D

Date : 21-OCT-2000 08:02

Client ID: D13271

Instrument: md.i

Sample Info: DLTD0101,,2,,0,1,0,8260BDA.M,D13271

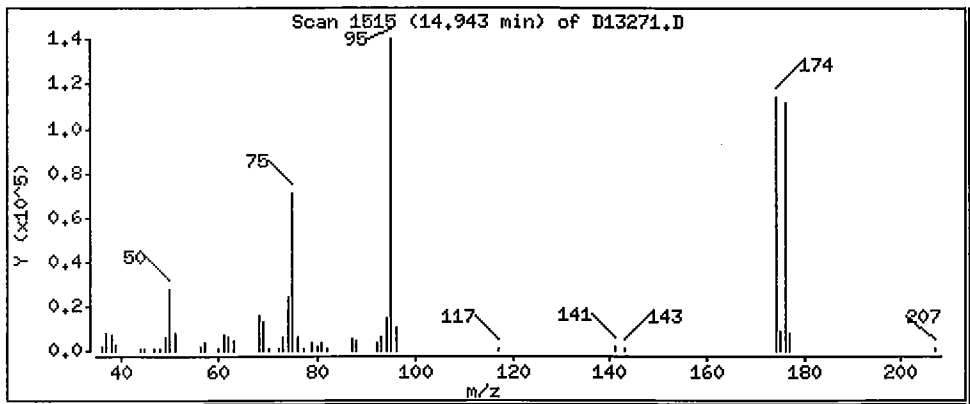
Operator: AD

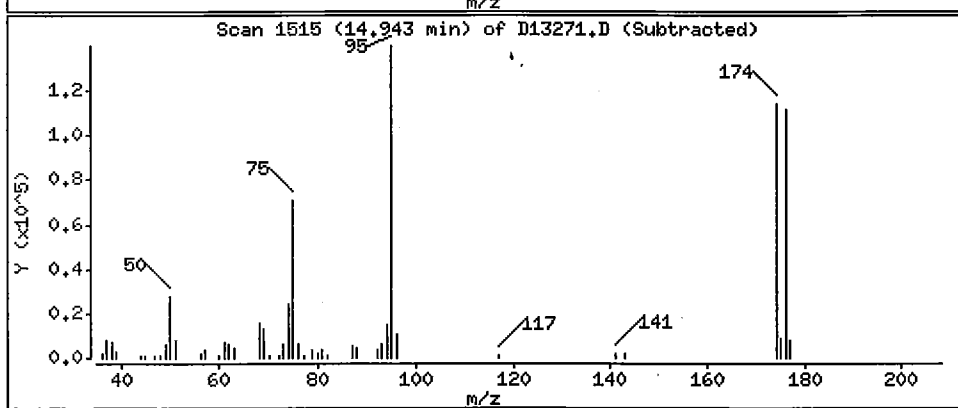
Column phase: J&W DB-624

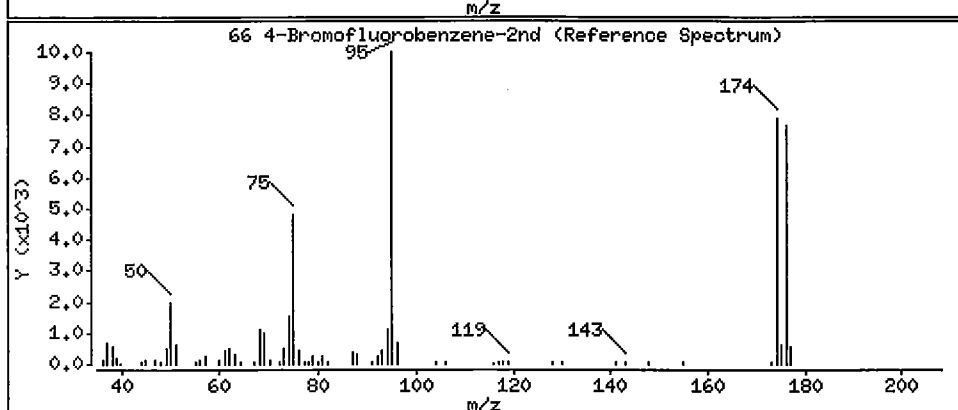
Column diameter: 0.53

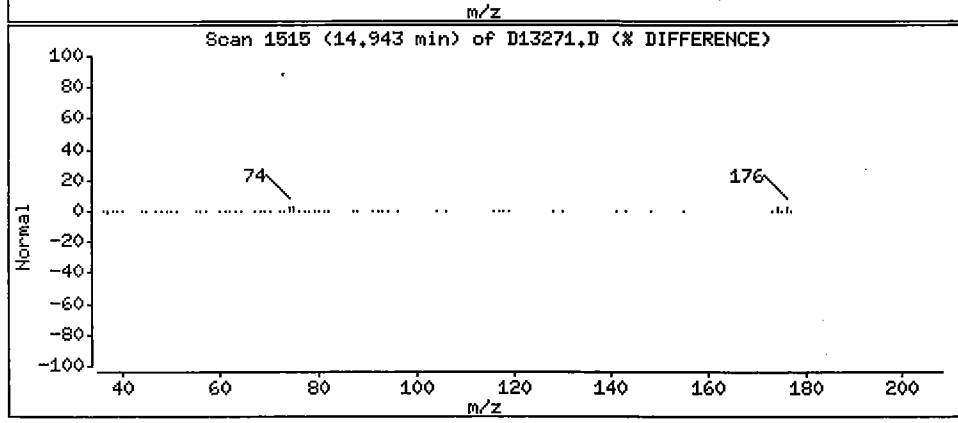
66 4-Bromofluorobenzene-2nd

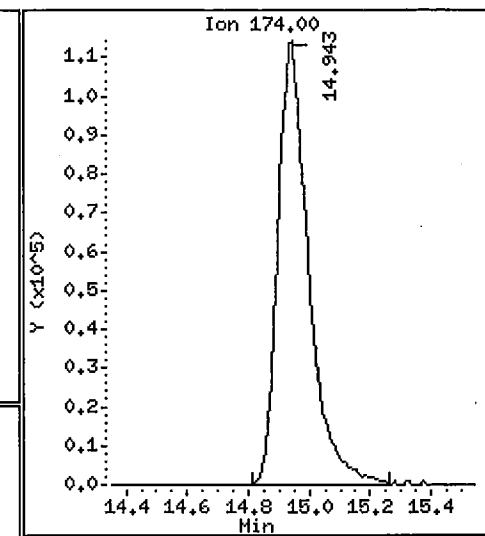
Concentration: 47.76 ug/Kg

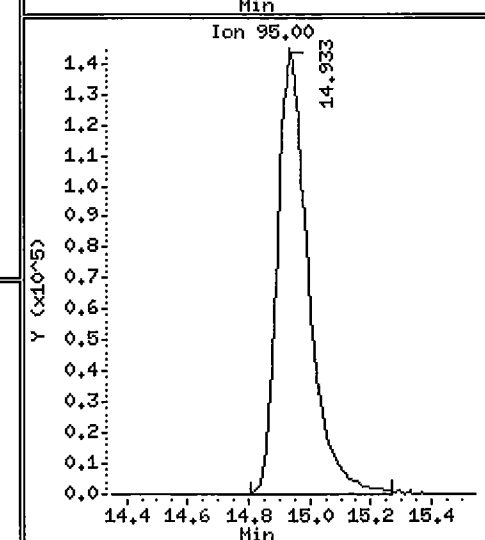


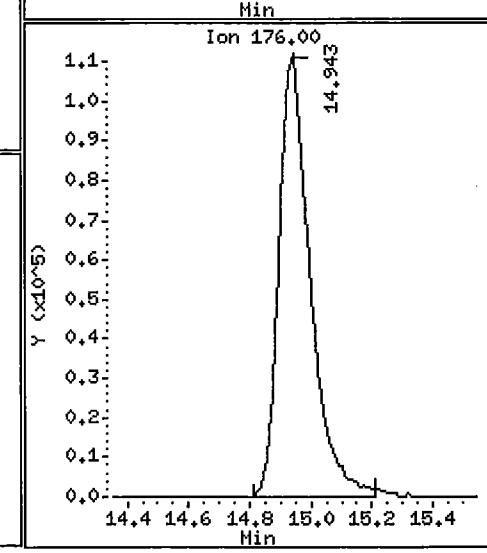












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13271.D

Date : 21-OCT-2000 08:02

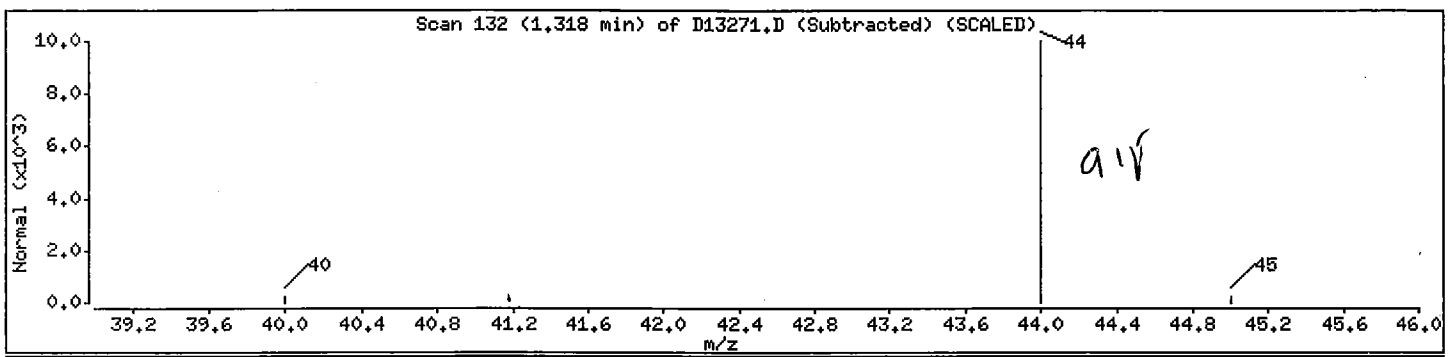
Client ID: D13271 Instrument: md.i

Sample Info: DLTD0101,,2,,0,1,0,8260BDA.M,D13271

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13272.D
Lab Smp Id: DLTD1101 Client Smp ID: D13272
Inj Date : 21-OCT-2000 08:34
Operator : AD Inst ID: md.i
Smp Info : DLTD1101,,2,,0,1,0,8260BDA.M,D13272
Misc Info : E0J090227-17,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.972	5.983	(0.843)	964380	47.7974	47.80	
$ 33 1,2-Dichloroethane-d4	65	6.494	6.525	(0.917)	614295	45.1066	45.11	
34 1,2-Dichloroethane-d4 2nd	102	6.494	6.515	(0.917)	128791	46.8747	46.87	
* 38 Fluorobenzene	96	7.085	7.096	(1.000)	1418486	50.0000		
$ 47 Toluene-d8	98	9.903	9.924	(0.786)	1300750	44.4771	44.48	
* 56 Chlorobenzene-d5	117	12.602	12.604	(1.000)	1263316	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.937	14.948	(0.866)	861928	47.6951	47.70	
$ 67 4-Bromofluorobenzene	95	14.928	14.948	(0.865)	1102975	45.7289	45.73	
* 79 1,4-Dichlorobenzene-d4	152	17.253	17.264	(1.000)	907576	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1020BD.B\D13272.D
Lab Smp Id: DLTD1101 Client Smp ID: D13272
Inj Date : 21-OCT-2000 08:34
Operator : AD Inst ID: md.i
Smp Info : DLTD1101,,2,,0,1,0,8260BDA.M,D13272
Misc Info : E0J090227-17,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1020BD.B\8260BDA.m
Meth Date : 20-Oct-2000 22:39 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.085	3200005	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.312	592728	9.26136426	9.26	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTD1101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13272
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ GW	1.312	9.26	J

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13272.D

Date : 21-OCT-2000 08:34

Client ID: D13272

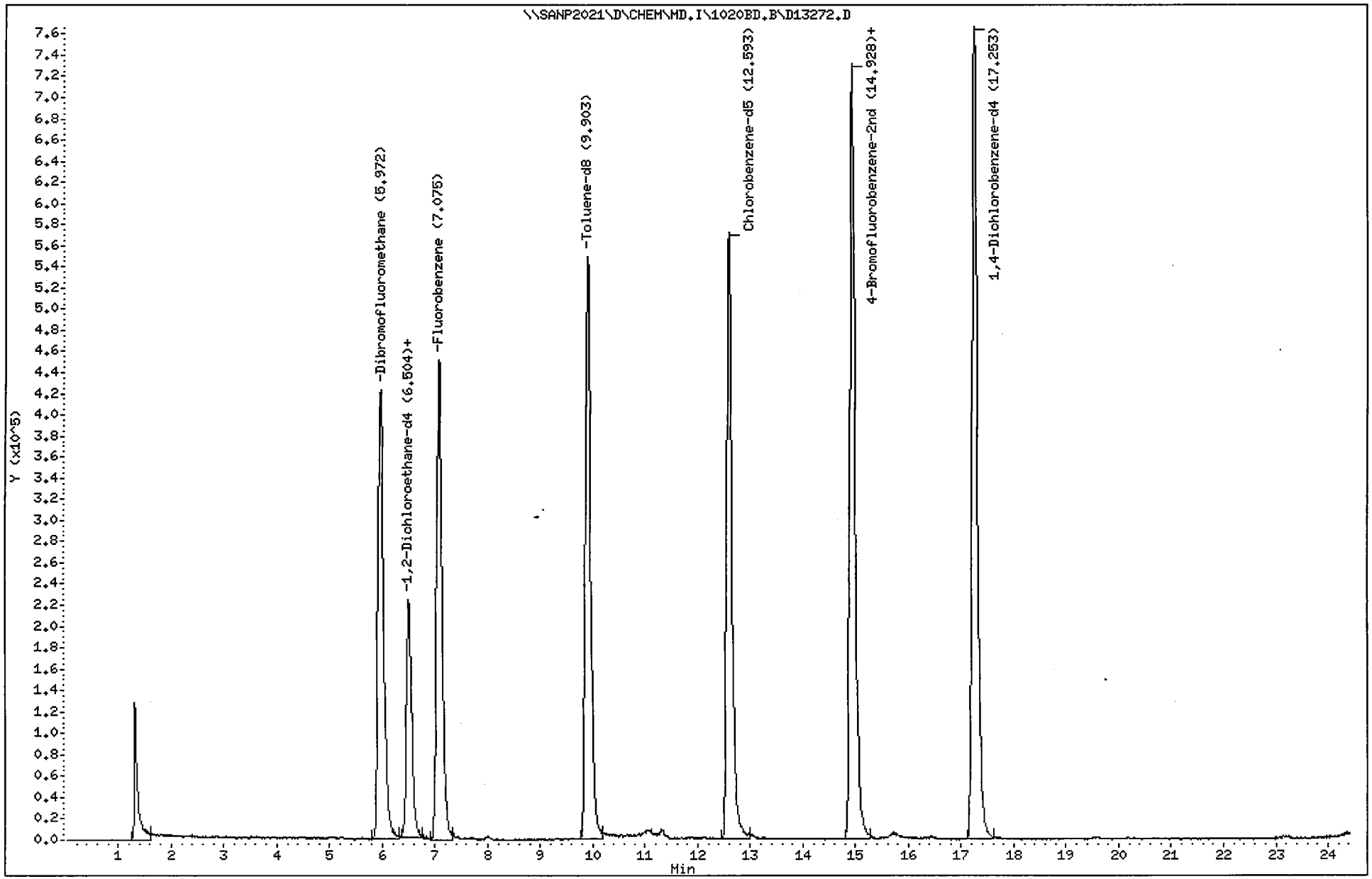
Sample Info: DLTD1101,,2,,0,1,0,8260BDA.M,D13272

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



000557

BOE-C6-0150980

Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13272.D

Date : 21-OCT-2000 08:34

Client ID: D13272

Instrument: md.i

Sample Info: DLTD1101,,2,,0,1,0,8260BDA.M,D13272

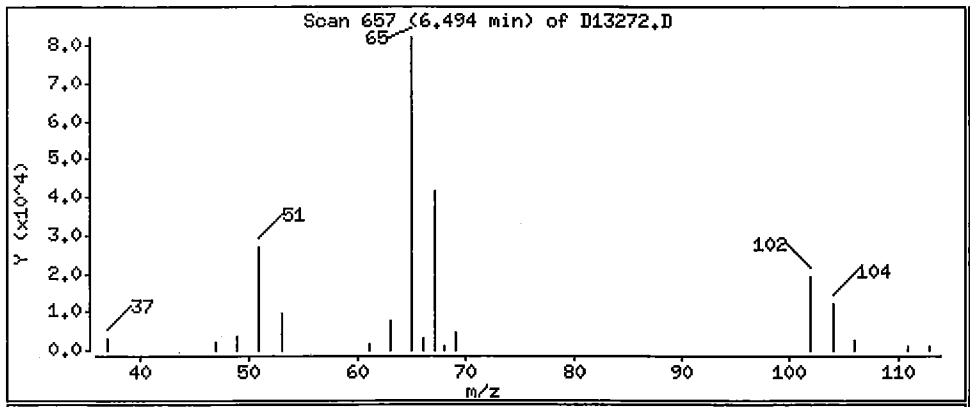
Operator: AD

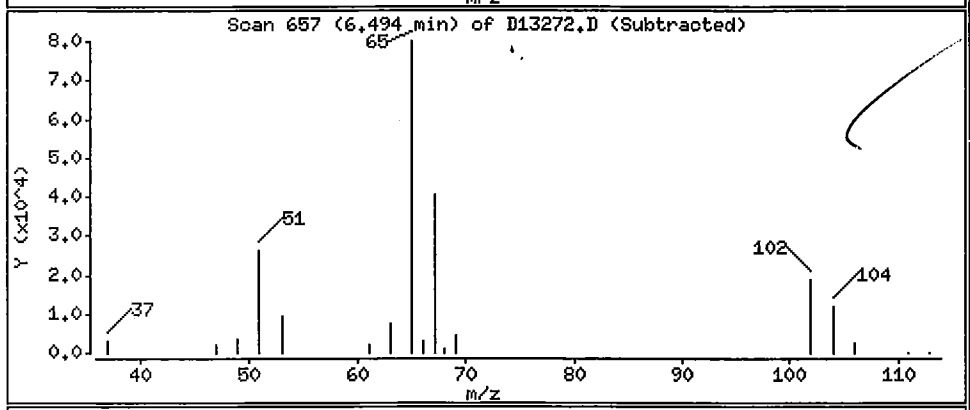
Column phase: J&W DB-624

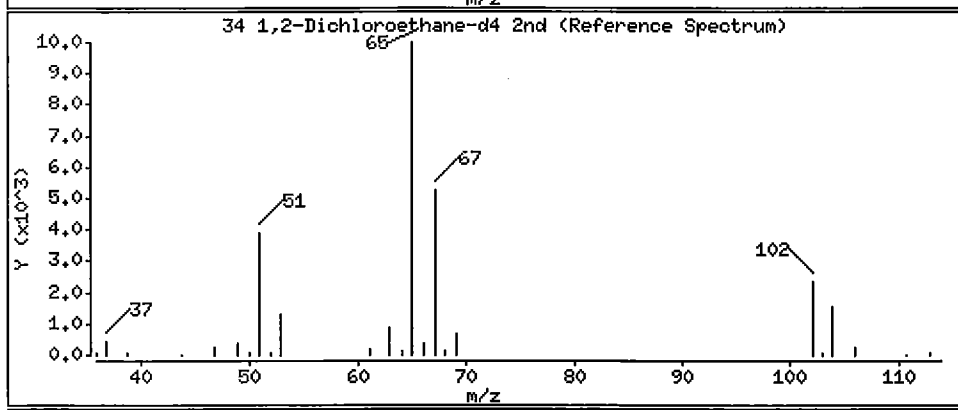
Column diameter: 0.53

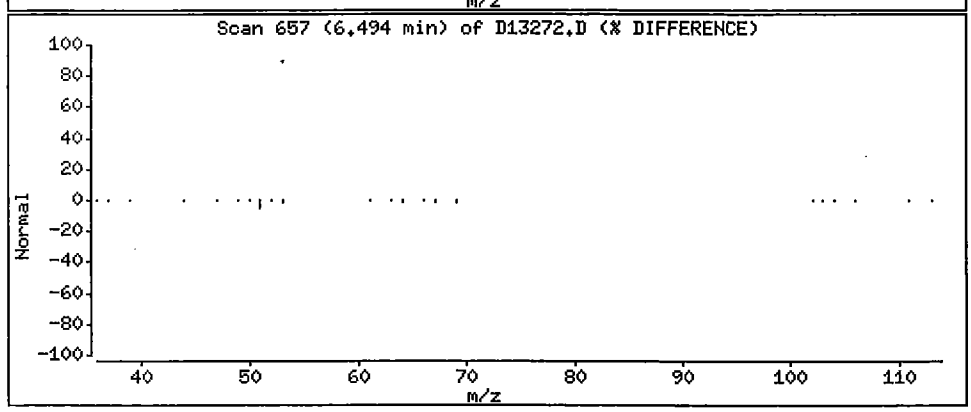
34 1,2-Dichloroethane-d4 2nd

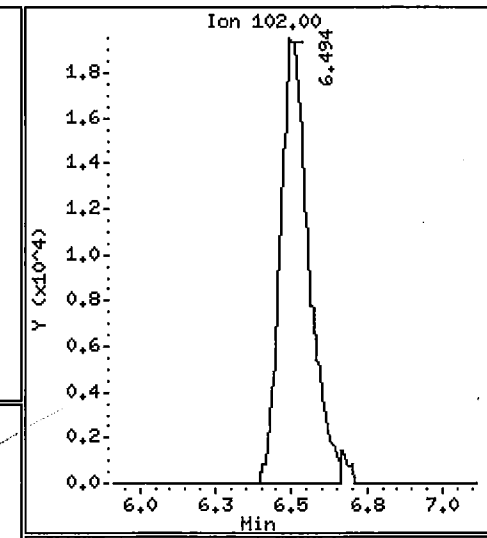
Concentration: 46.87 ug/Kg

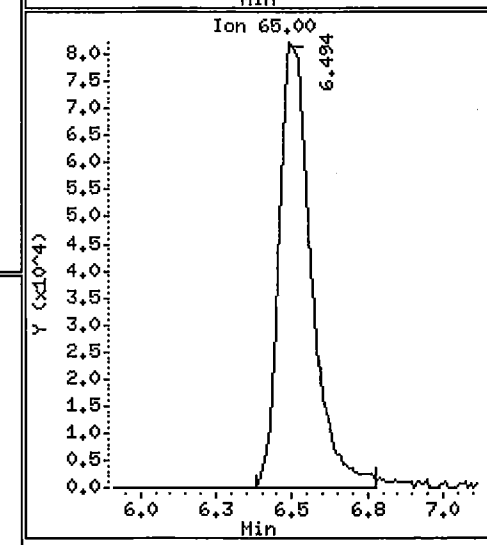












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13272.D

Date : 21-OCT-2000 08:34

Client ID: D13272

Instrument: md.i

Sample Info: DLTD1101,,2,,0,1,0,8260BDA.M,D13272

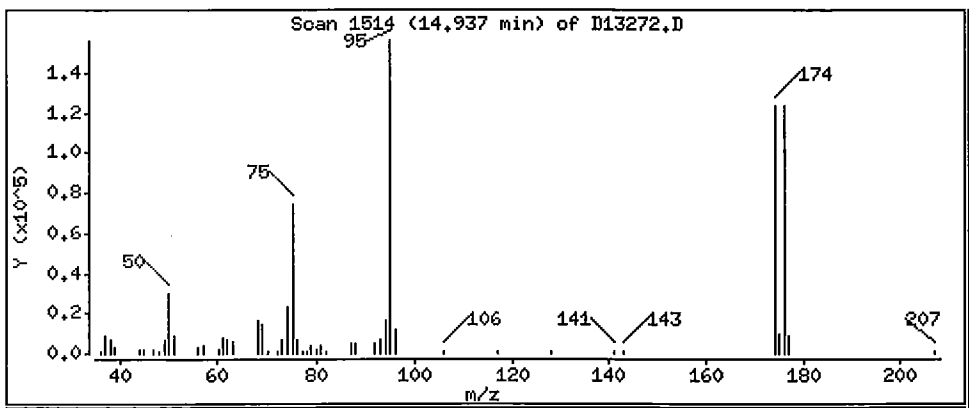
Operator: AD

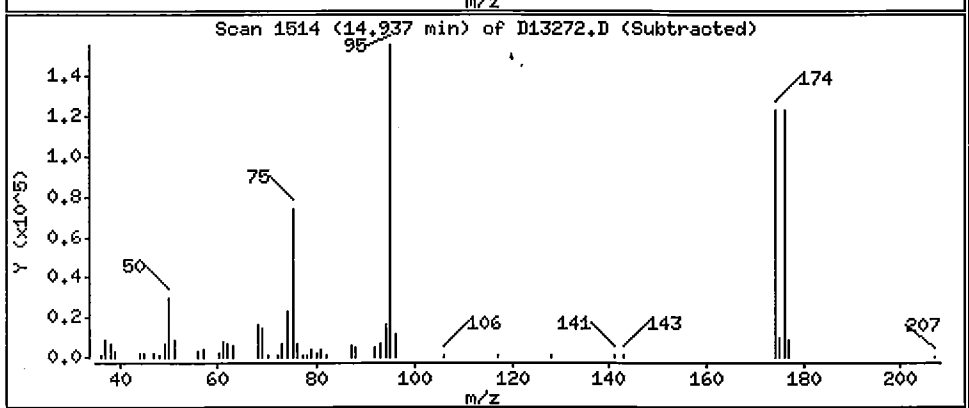
Column phase: J&W DB-624

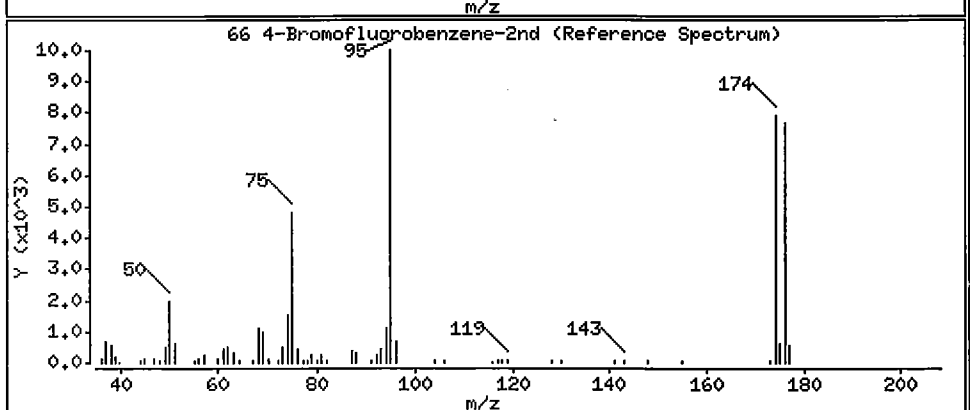
Column diameter: 0.53

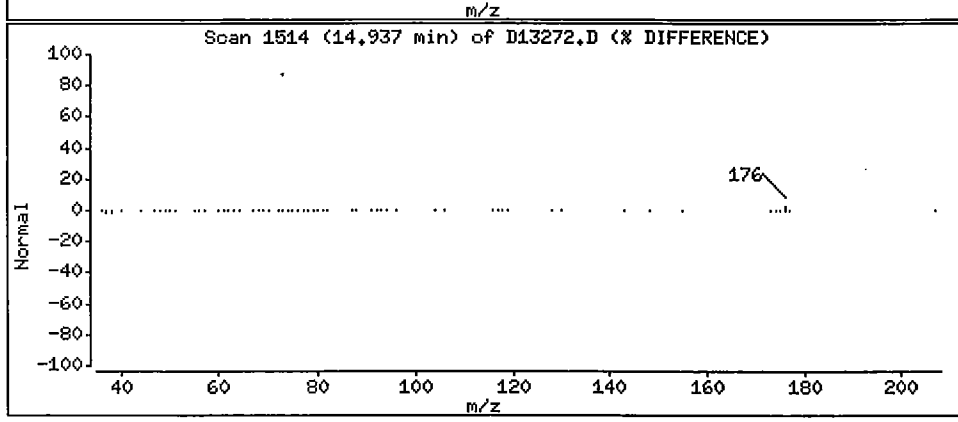
66 4-Bromofluorobenzene-2nd

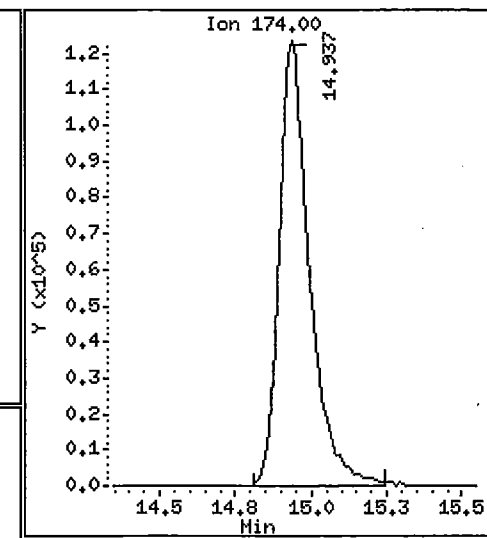
Concentration: 47.70 ug/Kg

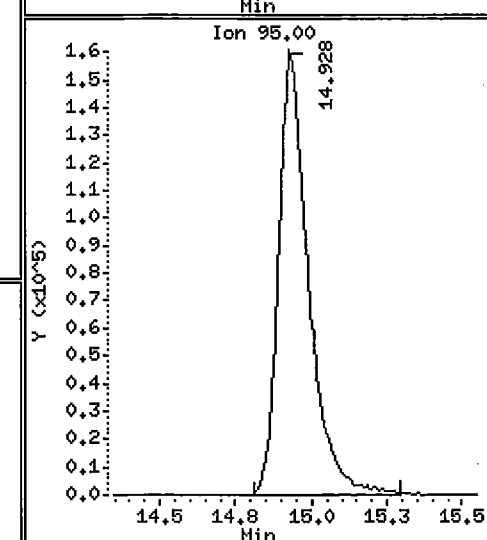


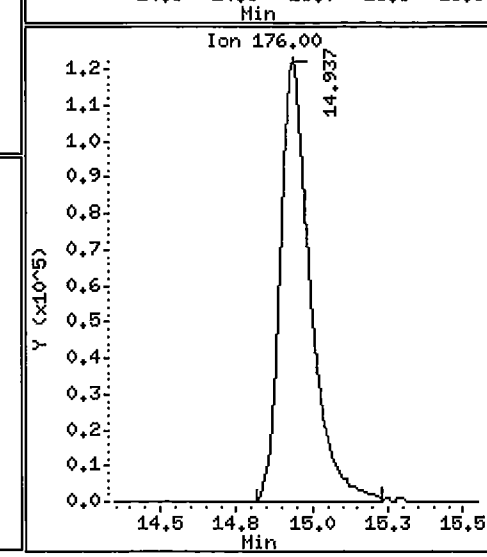












Data File: \\SANP2021\D\CHEM\MD.I\1020BD.B\D13272.D

Date : 21-OCT-2000 08:34

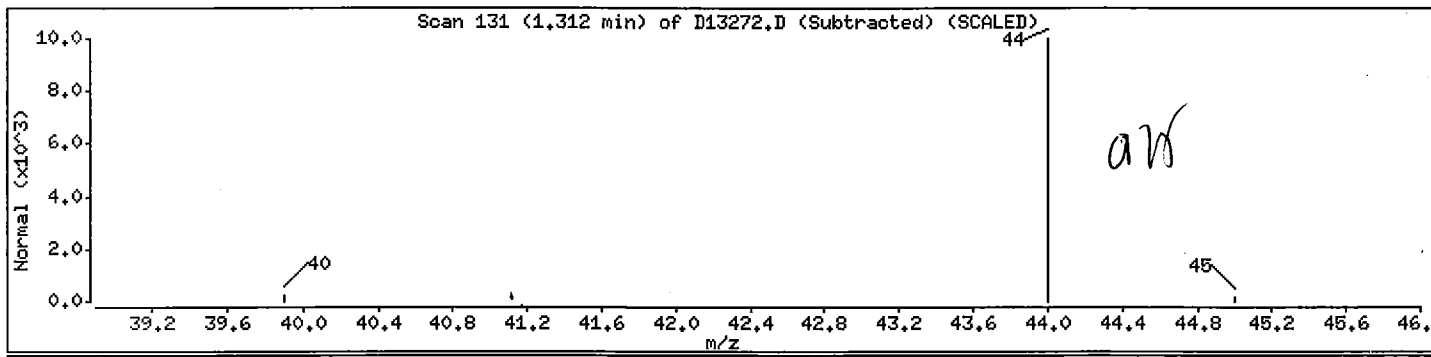
Client ID: D13272 Instrument: md.i

Sample Info: DLTD1101,,2,,0,1,0,8260BDA.M,D13272

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



8260B SAMPLE / QC DATA

DATE ANALYZED: 102100

INSTRUMENT ID: MSD

SAMPLES: EOJ090227-18 → 26,7

STL Los Angeles

F JK 10/28/00

Batch ID: _____

GC/MS VOA Run Log

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☑ 5030B ☐ 5035

Inst ID: MSD | EM Set: 1706 | Tune File: BFB | Seq File: 1021AD

Init. Cal ID: 8260BDA 10-4 | Date: 10-21-00

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
10:48	GFB	DT1592	50ng BFB	—	—	1ul			✓			1265-2
11:05		DS2557	50ppb 8260 STD	1	5	5g	1	137	N	✓		1259-1, 66-1, 62-2
11:50		DS2558	50ppb 8260B STD	1				165	✓			↓
12:41		D13273	LCS 1021AD	2				163	✓			1252-1
13:12		74	MB 1021AD	3				155	✓			
13:44		75	DNCD61AA	4				151	✓			EOJ180158-1
14:16		76	DNCEC1AE	5				149	✓			-2
14:48		77	DLTCL101	6				140	✓			EOJ090227-7
15:19		78	DLTD3101	7				142	✓			-18
15:51		79	DLTD5101	8				145	✓			-19
16:32		80	DLTCL102 S	9				151	✓			-7MS 1252-1
17:04		81	DLTCL103 D	10				152	✓			-7MSD ↓
17:76		82	DLTD6101	11				153	✓			-20
18:07		83	DLTD7101	12				146	✓			-21
18:39		84	DLTD9101	13				144	✓			-22
19:11		85	DLTDC101	14				143	✓			-23
19:43		86	DLTDD101	15				148	✓			-24
20:15		87	DLTDE101	16				140	✓			-25
20:46		88	DLTDF101	17				139	✓			-26
21:18		89	DLW5L104	18				142	✓			EOJ100274-2
21:50		90	DLW5Q104	19				78	N	✓		low pull -3
22:22		91	DLW5W104	20				141	✓			-5
				~~21~~								

000562

000117

G:\FORMS\Run Log\MSV Runlog.DOC

Version 01/04/99

BOE-C6-0150985

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA54651

Lab File ID (Standard): DS2558 Date Analyzed: 10/21/00

Instrument ID: MD Time Analyzed: 1150

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	1652320	7.08	1427102	12.61	1050231	17.27
	UPPER LIMIT	3304640	7.58	2854204	13.11	2100462	17.77
	LOWER LIMIT	826160	6.58	713551	12.11	525116	16.77
	EPA SAMPLE NO.						
01	D13273	1638722	7.08	1394673	12.61	1014254	17.26
02	D13274	1550586	7.08	1401544	12.60	1005537	17.25
03	D13275	1514549	7.08	1352014	12.61	959340	17.26
04	D13276	1497617	7.09	1318040	12.61	793666	17.26
05	D13277	1408679	7.09	1244418	12.61	887496	17.26
06	D13278	1429854	7.09	1253297	12.60	901823	17.26
07	D13279	1452488	7.09	1278981	12.61	928251	17.26
08	D132580	1511330	7.11	1292605	12.61	960960	17.26
09	D132581	1526868	7.09	1298344	12.61	939155	17.26
10	D13282	1533509	7.11	1386986	12.61	1005536	17.26
11	D13283	1461666	7.10	1272442	12.60	913419	17.25
12	D13284	1446234	7.08	1295718	12.60	909612	17.25
13	D13285	1433947	7.09	1255392	12.61	887748	17.26
14	D13286	1485830	7.09	1322967	12.61	969978	17.25
15	D13287	1401998	7.09	1269377	12.61	891880	17.26
16	D13288	1391870	7.09	1261450	12.61	899325	17.26
17	D13289	1429543	7.09	1282521	12.61	921049	17.26
18	D13290	789434*	7.09	704561*	12.61	515511*	17.26
19	D13291	1411048	7.09	1237071	12.61	907467	17.26
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA 1/87 Rev.

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\DT1592.D
Lab Smp Id:
Inj Date : 21-OCT-2000 10:48
Operator : GFB Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1265-2,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\BFB.M
Meth Date : 11-Jul-2000 09:15 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
1.7838	1.8000	(0.000)	95	94461			0.00- 100.00	100.00
1.7838	1.8000	(0.000)	50	17802			15.00- 40.00	18.85
1.7838	1.8000	(0.000)	75	46026			30.00- 60.00	48.72
1.7838	1.8000	(0.000)	96	7339			5.00- 9.00	7.77
1.7838	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7838	1.8000	(0.000)	174	77717			50.00- 0.00	82.27
1.7838	1.8000	(0.000)	175	6233			5.00- 9.00	8.02
1.7838	1.8000	(0.000)	176	78010			95.00- 101.00	100.38
1.7838	1.8000	(0.000)	177	5961			5.00- 9.00	7.64

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\DT1592.D

Date : 21-OCT-2000 10:48

Client ID:

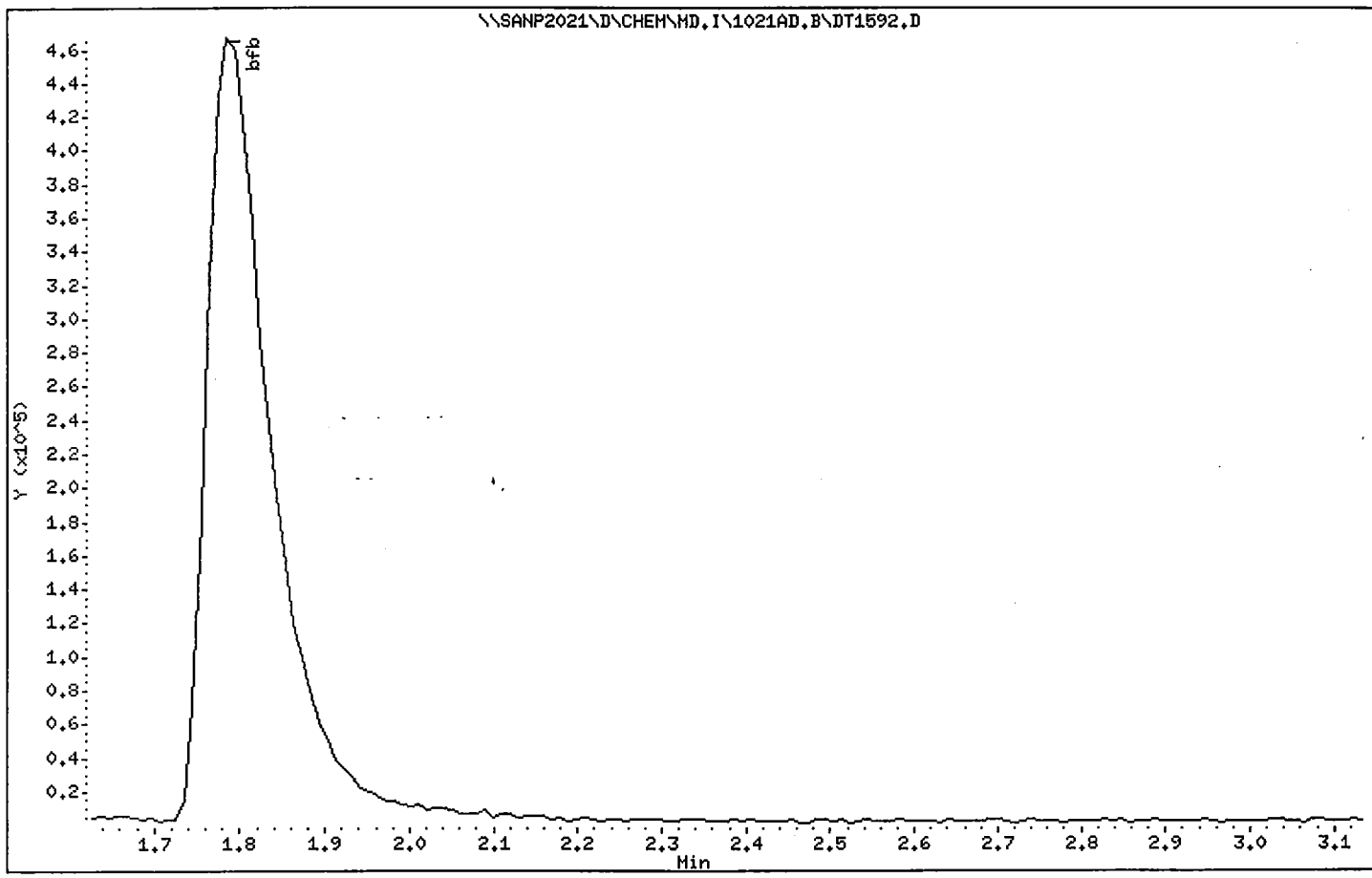
Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\DT1592.D

Date : 21-OCT-2000 10:48

Client ID:

Instrument: md.i

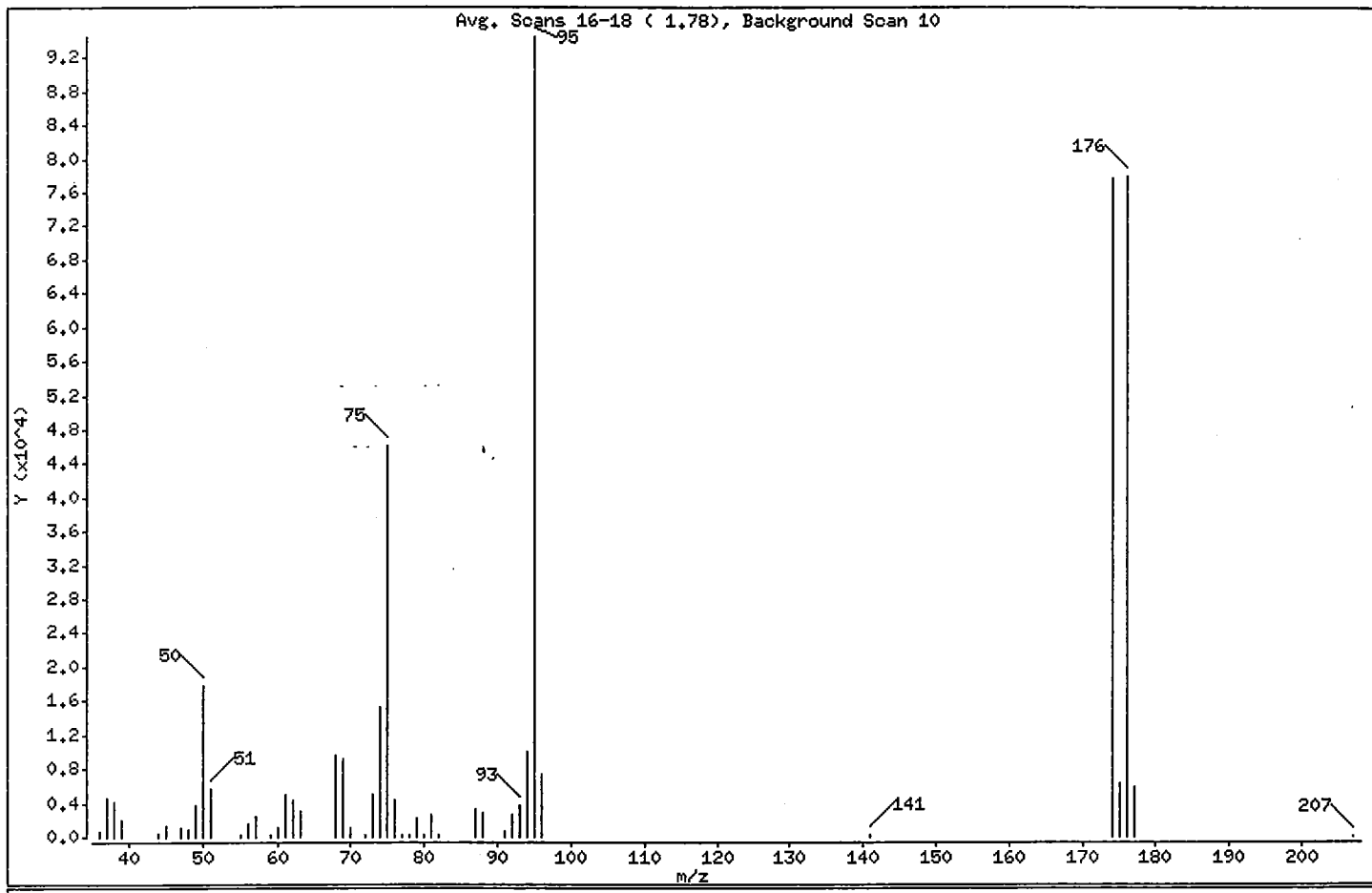
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.85
75	30.00 - 60.00% of mass 95	48.72
96	5.00 - 9.00% of mass 95	7.77
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	82.27
175	5.00 - 9.00% of mass 174	6.60 (8.02)
176	95.00 - 101.00% of mass 174	82.58 (100.38)
177	5.00 - 9.00% of mass 176	6.31 (7.64)

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\DT1592.D

Date : 21-OCT-2000 10:48

Client ID:

Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1592.D
Spectrum: Avg. Scans 16-18 (1.78), Background Scan 10
Location of Maximum: 95.00
Number of points: 47

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	709	56.00	1524	74.00	15192	92.00	2505
37.00	4562	57.00	2323	75.00	46024	93.00	3590
38.00	4111	59.00	278	76.00	4428	94.00	10006
39.00	1851	60.00	1051	77.00	306	95.00	94456
44.00	401	61.00	5034	78.00	260	96.00	7339
45.00	1374	62.00	4290	79.00	2235	141.00	286
47.00	1053	63.00	3071	80.00	258	174.00	77712
48.00	818	68.00	9662	81.00	2570	175.00	6233
49.00	3705	69.00	9083	82.00	271	176.00	78008
50.00	17800	70.00	986	87.00	3288	177.00	5961
51.00	5632	72.00	289	88.00	2927	207.00	10
55.00	270	73.00	4955	91.00	576		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2558.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD
Method: \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m

Injection Date: 21-OCT-2000 11:50
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02
Quant Type: ISTD

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	1 Dichlorodifluoromethane	0.44644	0.23363	0.010	-47.7	50.0
	2 Vinyl chloride (*)	0.21607	0.17669	0.010	-18.2	20.0
	3 Chloromethane (**)	0.19012	0.15227	0.100	-19.9	50.0
	4 Bromomethane	0.21985	0.17801	0.010	-19.0	50.0
	5 Chloroethane	0.13964	0.12861	0.010	-7.9	50.0
	6 Trichlorofluoromethane	0.71629	0.63440	0.010	-11.4	50.0
	7 Acrolein	0.01339	0.01080	0.001	-19.3	50.0
	8 1,1-Dichloroethene(*)	0.28163	0.22740	0.010	-19.3	20.0
	9 1,1,2-Trichlorotrifluoroeth	0.46984	0.36429	0.010	-22.5	50.0
	10 Acetone	0.05535	0.05126	0.010	-7.4	50.0
	11 Iodomethane	0.54249	0.55768	0.001	2.8	50.0
	12 Carbon disulfide	0.63173	0.49153	0.010	-22.2	50.0
	13 Methylene chloride	0.28611	0.23691	0.010	-17.2	50.0
	14 t-Butanol	0.00532	0.00513	0.001	-3.5	20.0
	15 trans-1,2-Dichloroethene	0.32668	0.26622	0.010	-18.5	50.0
	16 Acrylonitrile	0.04256	0.03968	0.001	-6.8	20.0
	17 Methyl-tert-butyl ether[MTB	0.75221	0.64508	0.010	-14.2	50.0
	18 1,1-Dichloroethane (**)	0.56293	0.45813	0.100	-18.6	50.0
	19 Vinyl acetate	0.72587	0.58380	0.010	-19.6	50.0
	20 Isopropyl ether	0.97354	0.84107	0.010	-13.6	20.0
	21 2,2-Dichloropropane	0.61103	0.50693	0.010	-17.0	50.0
	22 Tert-butyl ethyl ether	0.93101	0.81198	0.010	-12.8	20.0
	23 cis-1,2-Dichloroethene	0.33158	0.28845	0.010	-13.0	50.0
	24 2-Butanone	0.09614	0.08436	0.010	-12.3	50.0
	25 Bromochloromethane	0.21883	0.19327	0.010	-11.7	50.0
	26 Chloroform (*)	0.73233	0.59933	0.010	-18.2	20.0
	27 Tetrahydrofuran	0.05809	0.05974	0.010	2.8	50.0
M	28 1,2-Dichloroethene (total)	0.32913	0.27733	0.010	-15.7	50.0
$	29 Dibromofluoromethane	0.71120	0.69452	0.010	-2.3	50.0
	30 1,1,1-Trichloroethane	0.76256	0.64582	0.010	-15.3	50.0
	31 Carbon Tetrachloride	0.72937	0.63109	0.010	-13.5	50.0
	32 1,1-Dichloropropene	0.54325	0.46722	0.010	-14.0	50.0
$	33 1,2-Dichloroethane-d4	0.48005	0.45221	0.010	-5.8	50.0
	34 1,2-Dichloroethane-d4 2nd	0.09685	0.09647	0.010	-0.4	50.0
	35 Benzene	0.84852	0.72530	0.010	-14.5	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2558.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m

Injection Date: 21-OCT-2000 11:50
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.53432	0.45487	0.010	-14.9	50.0	
	37 Tert-amyl methyl ether	0.88326	0.78758	0.010	-10.8	20.0	
	39 Trichloroethene	0.46731	0.42199	0.010	-9.7	50.0	
	40 1,2-Dichloropropane(*)	0.34594	0.29484	0.010	-14.8	20.0	
	41 Dibromomethane	0.32224	0.29301	0.010	-9.1	50.0	
	42 Bromodichloromethane	0.71616	0.62876	0.010	-12.2	50.0	
	43 1-Bromo-2-chloroethane	0.78851	0.80653	0.010	2.3	50.0	
	44 2-Chloroethylvinyl ether	0.04393	0.05292	0.010	20.5	20.0	<-
	45 cis-1,3-Dichloropropene	0.54033	0.46845	0.010	-13.3	50.0	
	46 4-Methyl-2-pentanone	0.26017	0.24873	0.010	-4.4	50.0	
$	47 Toluene-d8	1.15749	1.10582	0.010	-4.5	50.0	
	48 Toluene (*)	1.22215	1.06058	0.010	-13.2	20.0	
	49 trans-1,3-Dichloropropene	0.55799	0.48971	0.010	-12.2	50.0	
	50 1,1,2-Trichloroethane	0.40315	0.35914	0.010	-10.9	50.0	
	51 Tetrachloroethene	0.55481	0.50699	0.010	-8.6	50.0	
	52 1,3-Dichloropropane	0.63464	0.56014	0.010	-11.7	50.0	
	53 2-Hexanone	0.22062	0.21417	0.010	-2.9	50.0	
	54 Dibromochloromethane	0.73783	0.66930	0.010	-9.3	50.0	
	55 1,2-Dibromoethane	0.61043	0.54938	0.010	-10.0	50.0	
	57 Chlorobenzene (**)	0.98253	0.85752	0.300	-12.7	50.0	
	58 1,1,1,2-Tetrachloroethane	0.59402	0.52814	0.010	-11.1	50.0	
	59 Ethylbenzene (*)	0.45846	0.40136	0.010	-12.5	20.0	
	60 m,p-Xylenes	0.57596	0.49230	0.010	-14.5	50.0	
	61 o-Xylene	0.55644	0.49702	0.010	-10.7	50.0	
	62 Styrene	0.92422	0.81820	0.010	-11.5	50.0	
M	63 Xylenes (total)	0.56945	0.49388	0.010	-13.3	50.0	
	64 Bromoform (**)	0.59517	0.56667	0.100	-4.8	50.0	
	65 Isopropylbenzene	1.75437	1.55775	0.010	-11.2	50.0	
	66 4-Bromofluorobenzene-2nd	0.99560	0.94257	0.010	-5.3	50.0	
$	67 4-Bromofluorobenzene	1.32880	1.24906	0.010	-6.0	50.0	
	68 Bromobenzene	0.83061	0.73058	0.010	-12.0	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.85523	0.75282	0.300	-12.0	50.0	
	70 1,2,3-Trichloropropane	0.28010	0.26829	0.010	-4.2	50.0	
	71 n-Propylbenzene	2.58803	2.18713	0.010	-15.5	50.0	
	72 2-Chlorotoluene	0.62571	0.53389	0.010	-14.7	50.0	
	73 4-Chlorotoluene	0.65344	0.56138	0.010	-14.1	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2558.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD
Method: \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m

Injection Date: 21-OCT-2000 11:50
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02
Quant Type: ISTD

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.08187	1.77425	0.010	-14.8	50.0
75 tert-Butylbenzene	2.15036	1.82791	0.010	-15.0	50.0
76 1,2,4-Trimethylbenzene	2.11961	1.76350	0.010	-16.8	50.0
77 sec-Butylbenzene	2.82015	2.34115	0.010	-17.0	50.0
78 1,3-Dichlorobenzene	1.39311	1.18787	0.010	-14.7	50.0
80 1,4-Dichlorobenzene	1.51990	1.26958	0.010	-16.5	50.0
81 p-Isopropyltoluene	2.32696	1.91824	0.010	-17.6	50.0
82 1,2-Dichlorobenzene	1.33233	1.15774	0.010	-13.1	50.0
83 n-Butylbenzene	2.22197	1.80403	0.010	-18.8	50.0
84 1,2-Dibromo-3-chloropropane	0.28987	0.26943	0.010	-7.1	50.0
85 1,2,4-Trichlorobenzene	1.23050	1.03267	0.010	-16.1	50.0
86 Hexachlorobutadiene	0.92928	0.68083	0.010	-26.7	50.0
87 Napthalene	1.86163	1.48923	0.010	-20.0	50.0
88 1,2,3-Trichlorobenzene	1.14824	0.95217	0.010	-17.1	50.0

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1021AD.B/DS2558.D
Inj. Date : 21-OCT-2000 11:50

ICAL Mid Point : //SANP2021/D/chem/md.i/1004AD.B/DS2515.D
Inj. Date : 04-OCT-2000 11:03

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.10	7.08	0.02	1480718	1652320	111.6%
Chlorobenzene-d5	12.63	12.61	0.02	1259551	1427102	113.3%
1,4-Dichlorobenzene-d4	17.27	17.27	-0.00	906122	1050231	115.9%

8260B Area difference criteria: 50%-200%

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2558.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Misc Info: 1259-1;66-1;62-2,,5,,2,all.SUB

Calibration Date: 21-OCT-2000
Calibration Time: 11:05

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1379000	689500	2758000	1652320	19.82
56 Chlorobenzene-d5	1097417	548709	2194834	1427102	30.04
79 1,4-Dichlorobenze	703195	351598	1406390	1050231	49.35

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.08	-0.14
56 Chlorobenzene-d5	12.61	12.11	13.11	12.61	0.00
79 1,4-Dichlorobenze	17.26	16.76	17.76	17.27	0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\DS2558.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 21-OCT-2000 11:50
Operator : GFB Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1259-1;66-1;62-2,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 12:15 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.455	1.455	(0.206)	386025	50.0000	26.16
2 Vinyl chloride (*)	62	1.692	1.692	(0.239)	291949	50.0000	40.89
3 Chloromethane (**)	50	1.613	1.613	(0.228)	251595	50.0000	40.04
4 Bromomethane	94	1.968	1.968	(0.278)	294129	50.0000	40.48
5 Chloroethane	64	2.047	2.047	(0.289)	212507	50.0000	46.05
6 Trichlorofluoromethane	101	2.293	2.293	(0.324)	1048237	50.0000	44.28
7 Acrolein	56	2.697	2.697	(0.381)	178496	500.000	403.5(AQ)
8 1,1-Dichloroethene(*)	96	2.776	2.776	(0.392)	375730	50.0000	40.37
9 1,1,2-Trichlorotrifluoroethan	151	2.785	2.785	(0.393)	601924	50.0000	38.77
10 Acetone	43	2.864	2.864	(0.404)	423462	250.000	231.5(Q)
11 Iodomethane	142	2.933	2.933	(0.414)	1842930	100.000	102.8(A)
12 Carbon disulfide	76	2.992	2.992	(0.423)	812169	50.0000	38.90
13 Methylene chloride	84	3.327	3.327	(0.470)	391459	50.0000	41.40
14 t-Butanol	59	3.564	3.564	(0.503)	211858	1250.00	1206

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.662	3.662	(0.517)	439875	50.0000	40.75
	16 Acrylonitrile	53	3.652	3.652	(0.516)	655560	500.000	466.1(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.692	3.692	(0.521)	1065882	50.0000	42.88
	18 1,1-Dichloroethane (**)	63	4.253	4.253	(0.601)	756979	50.0000	40.69
	19 Vinyl acetate	43	4.391	4.391	(0.620)	1929254	100.000	80.43
	20 Isopropyl ether	45	4.421	4.421	(0.624)	1389718	50.0000	43.20
	21 2,2-Dichloropropane	77	5.150	5.150	(0.727)	837614	50.0000	41.48
	22 Tert-butyl ethyl ether	59	4.992	4.992	(0.705)	1341652	50.0000	43.61
	23 cis-1,2-Dichloroethene	96	5.160	5.160	(0.729)	476603	50.0000	43.50
	24 2-Butanone	43	5.248	5.248	(0.741)	696928	250.000	219.4
	25 Bromochloromethane	128	5.544	5.544	(0.783)	319339	50.0000	44.16
	26 Chloroform (*)	83	5.712	5.712	(0.807)	990289	50.0000	40.92
	27 Tetrahydrofuran	42	5.662	5.662	(0.800)	98704	50.0000	51.42
M	28 1,2-Dichloroethene (total)	100				916479	100.000	84.24
$	29 Dibromofluoromethane	111	5.978	5.978	(0.844)	1147563	50.0000	48.83
	30 1,1,1-Trichloroethane	97	5.958	5.958	(0.841)	1067101	50.0000	42.34
	31 Carbon Tetrachloride	117	6.234	6.234	(0.880)	1042766	50.0000	43.26
	32 1,1-Dichloropropene	75	6.234	6.234	(0.880)	772004	50.0000	43.00
$	33 1,2-Dichloroethane-d4	65	6.510	6.510	(0.919)	747198	50.0000	47.10
	34 1,2-Dichloroethane-d4 2nd	102	6.519	6.519	(0.921)	159400	50.0000	49.80
	35 Benzene	78	6.579	6.579	(0.929)	1198425	50.0000	42.74
	36 1,2-Dichloroethane	62	6.648	6.648	(0.939)	751594	50.0000	42.56
	37 Tert-amyl methyl ether	73	6.884	6.884	(0.972)	1301338	50.0000	44.58
*	38 Fluorobenzene	96	7.081	7.081	(1.000)	1652320	50.0000	
	39 Trichloroethene	130	7.731	7.731	(1.092)	697266	50.0000	45.15
	40 1,2-Dichloropropane(*)	63	8.106	8.106	(1.145)	487162	50.0000	42.61
	41 Dibromomethane	93	8.322	8.322	(1.175)	484153	50.0000	45.46
	42 Bromodichloromethane	83	8.648	8.648	(1.221)	1038907	50.0000	43.90
	43 1-Bromo-2-chloroethane	63	9.150	9.150	(1.292)	1332640	50.0000	51.14
	44 2-Chloroethylvinyl ether	106	9.248	9.248	(1.306)	174890	100.000	120.5(AQ)
	45 cis-1,3-Dichloropropene	75	9.465	9.465	(1.337)	774025	50.0000	43.35
	46 4-Methyl-2-pentanone	43	9.810	9.810	(1.385)	2054923	250.000	239.0
$	47 Toluene-d8	98	9.918	9.918	(0.787)	1578116	50.0000	47.77
	48 Toluene (*)	91	10.037	10.037	(0.796)	1513553	50.0000	43.39
	49 trans-1,3-Dichloropropene	75	10.510	10.510	(0.834)	698862	50.0000	43.88
	50 1,1,2-Trichloroethane	97	10.835	10.835	(0.859)	512523	50.0000	44.54
	51 Tetrachloroethene	164	11.051	11.051	(0.877)	723525	50.0000	45.69
	52 1,3-Dichloropropane	76	11.130	11.130	(0.883)	799372	50.0000	44.13
	53 2-Hexanone	43	11.386	11.386	(0.903)	1528243	250.000	242.7
	54 Dibromochloromethane	129	11.534	11.534	(0.915)	955163	50.0000	45.36
	55 1,2-Dibromoethane	107	11.692	11.692	(0.927)	784024	50.0000	45.00
*	56 Chlorobenzene-d5	117	12.608	12.608	(1.000)	1427102	50.0000	
	57 Chlorobenzene (**)	112	12.657	12.657	(1.004)	1223765	50.0000	43.64
	58 1,1,1,2-Tetrachloroethane	131	12.854	12.854	(1.020)	753710	50.0000	44.45
	59 Ethylbenzene (*)	106	12.923	12.923	(1.025)	572786	50.0000	43.77
	60 m,p-Xylenes	106	13.170	13.170	(1.045)	1405137	100.000	85.48
	61 o-Xylene	106	13.918	13.918	(1.104)	709300	50.0000	44.66

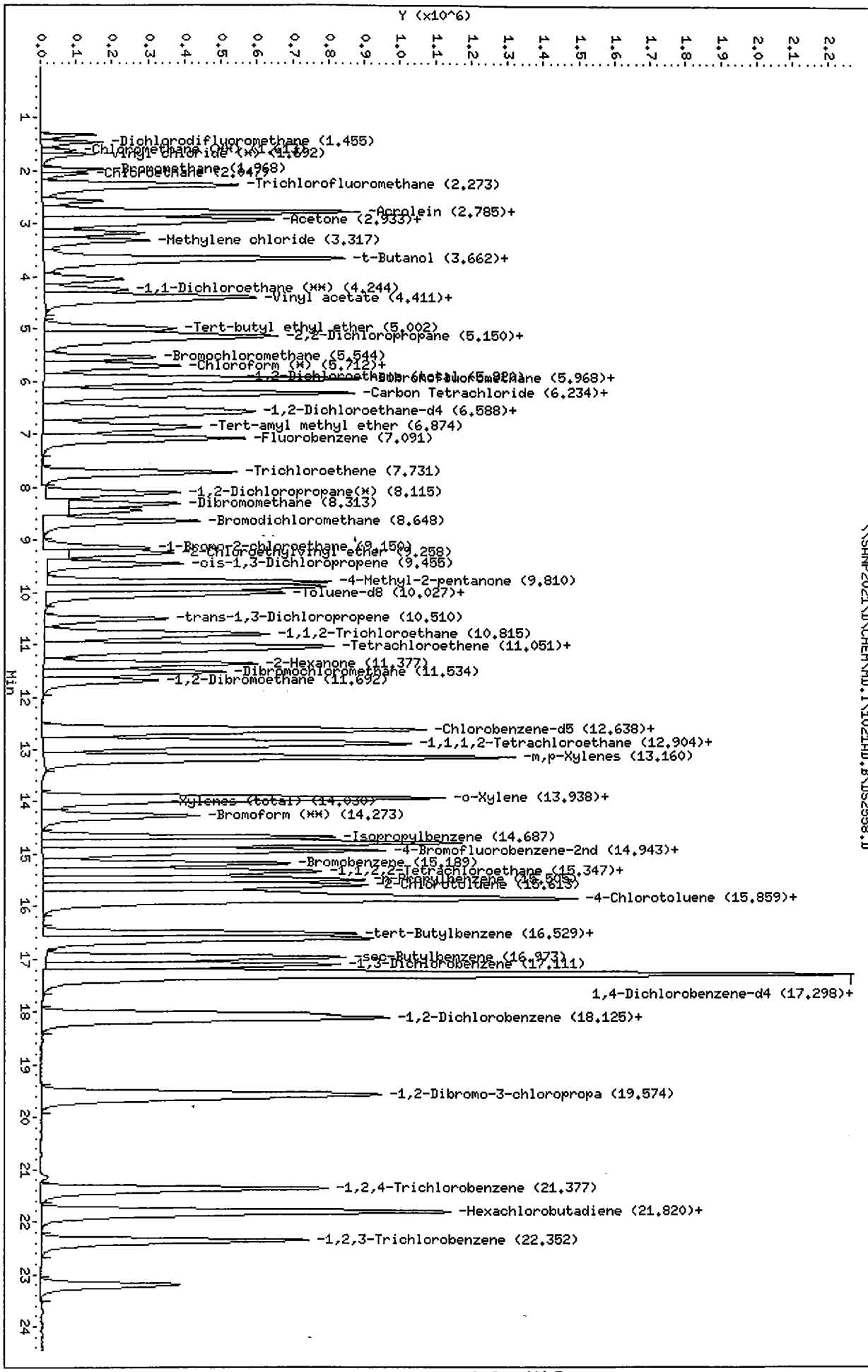
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.958	13.958	(1.107)	1167659	50.0000	44.26
M	63 Xylenes (total)	100				2114437	150.000	130.1
	64 Bromoform (**)	173	14.283	14.283	(1.133)	808695	50.0000	47.60
	65 Isopropylbenzene	105	14.687	14.687	(1.165)	2223070	50.0000	44.40
	66 4-Bromofluorobenzene-2nd	174	14.953	14.953	(0.866)	989921	50.0000	47.34
$	67 4-Bromofluorobenzene	95	14.943	14.943	(0.865)	1311803	50.0000	47.00
	68 Bromobenzene	156	15.199	15.199	(0.880)	767276	50.0000	43.98
	69 1,1,2,2-Tetrachloroethane(**)	83	15.327	15.327	(0.888)	790631	50.0000	44.01
	70 1,2,3-Trichloropropane	110	15.357	15.357	(0.889)	281764	50.0000	47.89
	71 n-Propylbenzene	91	15.515	15.515	(0.898)	2296996	50.0000	42.25
	72 2-Chlorotoluene	126	15.613	15.613	(0.904)	560711	50.0000	42.66
	73 4-Chlorotoluene	126	15.849	15.849	(0.918)	589575	50.0000	42.96
	74 1,3,5-Trimethylbenzene	105	15.889	15.889	(0.920)	1863376	50.0000	42.61
	75 tert-Butylbenzene	119	16.510	16.510	(0.956)	1919730	50.0000	42.50
	76 1,2,4-Trimethylbenzene	105	16.628	16.628	(0.963)	1852082	50.0000	41.60
	77 sec-Butylbenzene	105	16.973	16.973	(0.983)	2458749	50.0000	41.51
	78 1,3-Dichlorobenzene	146	17.120	17.120	(0.991)	1247543	50.0000	42.63
*	79 1,4-Dichlorobenzene-d4	152	17.268	17.268	(1.000)	1050231	50.0000	(Q)
	80 1,4-Dichlorobenzene	146	17.317	17.317	(1.003)	1333349	50.0000	41.76
	81 p-Isopropyltoluene	119	17.298	17.298	(1.002)	2014596	50.0000	41.22
	82 1,2-Dichlorobenzene	146	18.037	18.037	(1.045)	1215895	50.0000	43.45
	83 n-Butylbenzene	91	18.135	18.135	(1.050)	1894645	50.0000	40.60
	84 1,2-Dibromo-3-chloropropane	157	19.672	19.672	(1.139)	282960	50.0000	46.47(Q)
	85 1,2,4-Trichlorobenzene	180	21.377	21.377	(1.238)	1084542	50.0000	41.96
	86 Hexachlorobutadiene	225	21.800	21.800	(1.262)	715024	50.0000	36.63
	87 Napthalene	128	21.840	21.840	(1.265)	1564038	50.0000	40.00
	88 1,2,3-Trichlorobenzene	180	22.352	22.352	(1.294)	1000000	50.0000	41.46

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\DS2558.D
Date : 21-OCT-2000 11:50
Client ID:
Sample Info: 50 PPB 8260B STD,,3,0,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13273.D
Lab Smp Id: LCS-1021AD Client Smp ID: D13273
Inj Date : 21-OCT-2000 12:41
Operator : GFB Inst ID: md.i
Smp Info : LCS-1021AD,LCS,2,,0,1,0,8260BDA.M,D13273
Misc Info : 1252-1,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 12:15 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

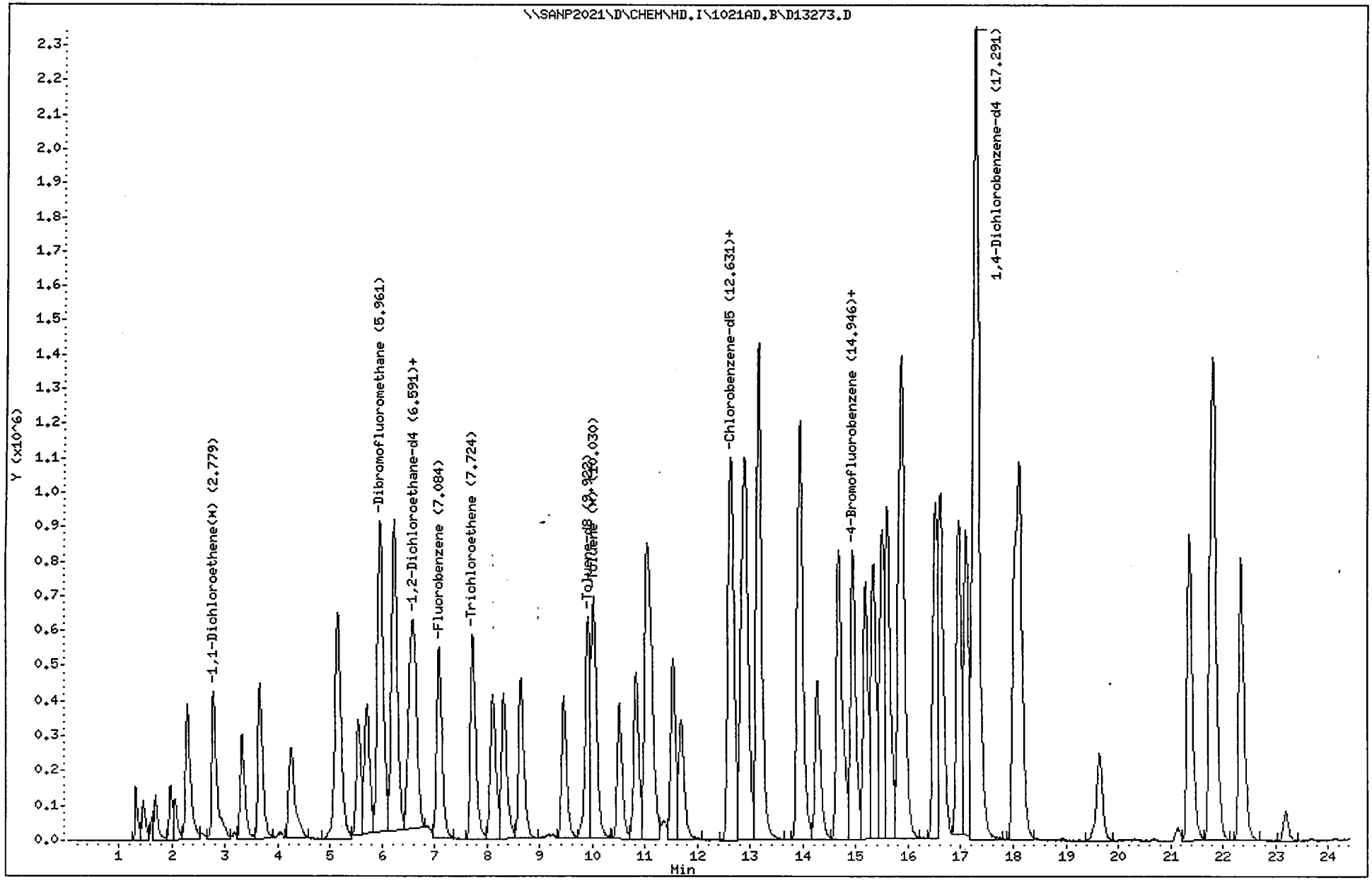
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.779	2.776	(0.392)	414188	44.8732	44.87
$ 29 Dibromofluoromethane	111	5.971	5.978	(0.843)	1119444	48.0262	48.03
$ 33 1,2-Dichloroethane-d4	65	6.513	6.510	(0.919)	721536	45.8608	45.86
34 1,2-Dichloroethane-d4 2nd	102	6.503	6.519	(0.918)	160611	50.5996	50.60
35 Benzene	78	6.572	6.579	(0.928)	1283951	46.1690	46.17
* 38 Fluorobenzene	96	7.084	7.081	(1.000)	1638722	50.0000	
39 Trichloroethene	130	7.724	7.731	(1.090)	776749	50.7150	50.72
$ 47 Toluene-d8	98	9.902	9.918	(0.785)	1508746	46.7303	46.73
48 Toluene (*)	91	10.030	10.037	(0.795)	1634614	47.9501	47.95
* 56 Chlorobenzene-d5	117	12.611	12.608	(1.000)	1394673	50.0000	
57 Chlorobenzene (**)	112	12.660	12.657	(1.004)	1316987	48.0545	48.05
$ 67 4-Bromofluorobenzene	95	14.946	14.943	(0.866)	1220529	45.2804	45.28
66 4-Bromofluorobenzene-2nd	174	14.956	14.953	(0.866)	953853	47.2303	47.23
* 79 1,4-Dichlorobenzene-d4	152	17.261	17.268	(1.000)	1014254	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13273.D
Date : 21-OCT-2000 12:41
Client ID: D13273
Sample Info: LCS-1021AD,LCS,2,,0,1,0,8260BDA.M,D13273

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



BOE-C6-0151001

000578

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13274.D
Lab Smp Id: MB-1021AD Client Smp ID: D13274
Inj Date : 21-OCT-2000 13:12
Operator : GFB Inst ID: md.i
Smp Info : MB-1021AD,BLANK,2,,0,1,0,8260BDA.M,D13274
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.979	5.978	(0.844)	1009746	45.7823	45.78
$ 33 1,2-Dichloroethane-d4	65	6.511	6.510	(0.919)	655514	44.0326	44.03
34 1,2-Dichloroethane-d4 2nd	102	6.520	6.519	(0.921)	136460	45.4346	45.43
36 1,2-Dichloroethane	62	7.082	6.648	(1.000)	25629	1.54668	1.55(aQ)
* 38 Fluorobenzene	96	7.082	7.081	(1.000)	1550586	50.0000	
$ 47 Toluene-d8	98	9.909	9.918	(0.787)	1456240	44.8829	44.88
* 56 Chlorobenzene-d5	117	12.599	12.608	(1.000)	1401544	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.944	14.953	(0.866)	916686	45.7835	45.78
$ 67 4-Bromofluorobenzene	95	14.944	14.943	(0.866)	1189149	44.4987	44.50
* 79 1,4-Dichlorobenzene-d4	152	17.249	17.268	(1.000)	1005537	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13274.D
Lab Smp Id: MB-1021AD Client Smp ID: D13274
Inj Date : 21-OCT-2000 13:12
Operator : GFB Inst ID: md.i
Smp Info : MB-1021AD,BLANK,2,,0,1,0,8260BDA.M,D13274
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.082	3602374	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.318	588186	8.16386062	8.16	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1021AD
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13274
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

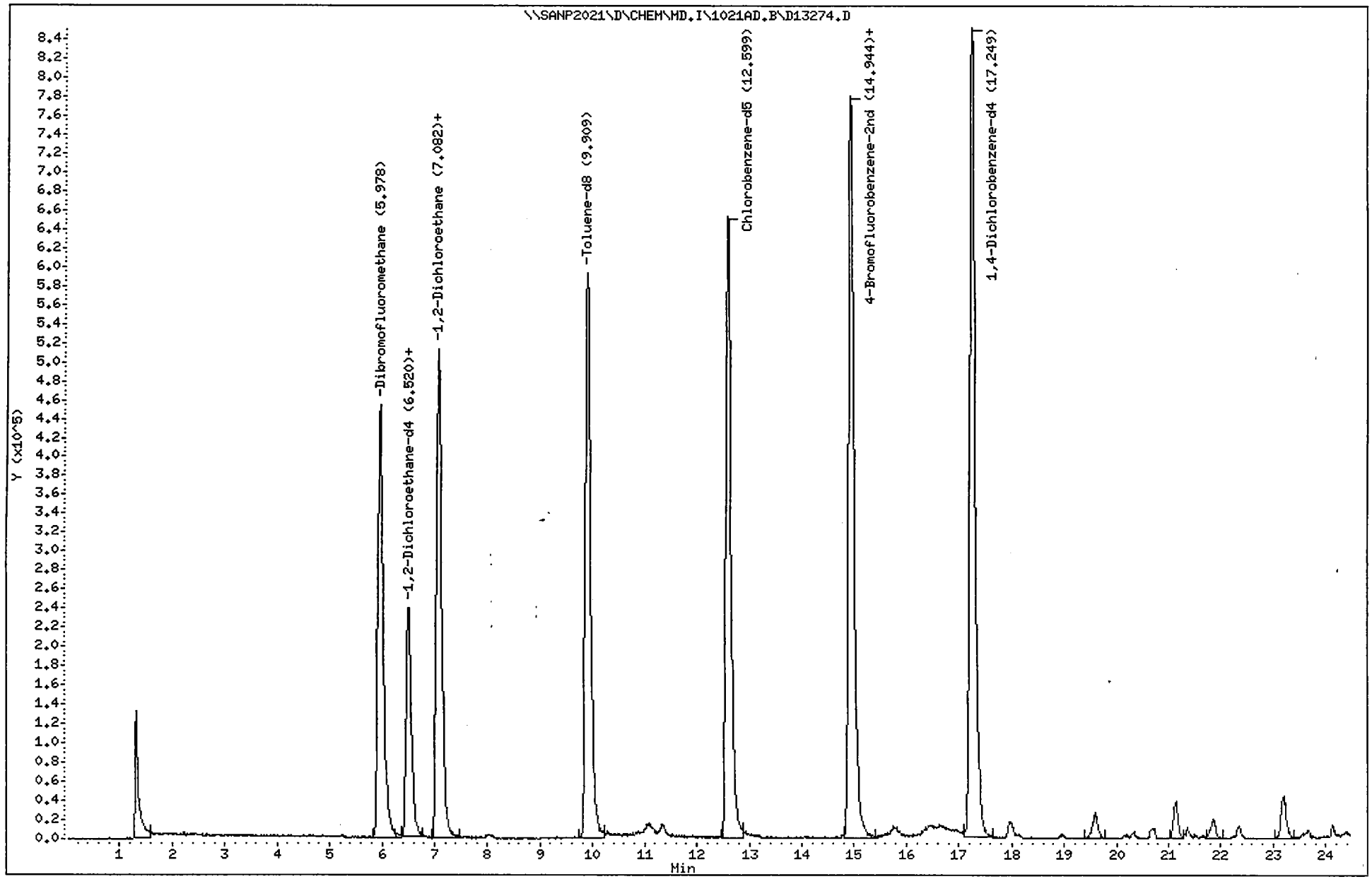
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.318	8.16	J

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13274.D
Date : 21-OCT-2000 13:12
Client ID: D13274
Sample Info: MB-1021AD,BLANK,2,,0,1,0,8260BDA.M,D13274

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



BOE-C6-0151006

000583

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13274.D

Date : 21-OCT-2000 13:12

Client ID: D13274

Instrument: md.i

Sample Info: MB-1021AD,BLANK,2,,0,1,0,8260BDA.M,D13274

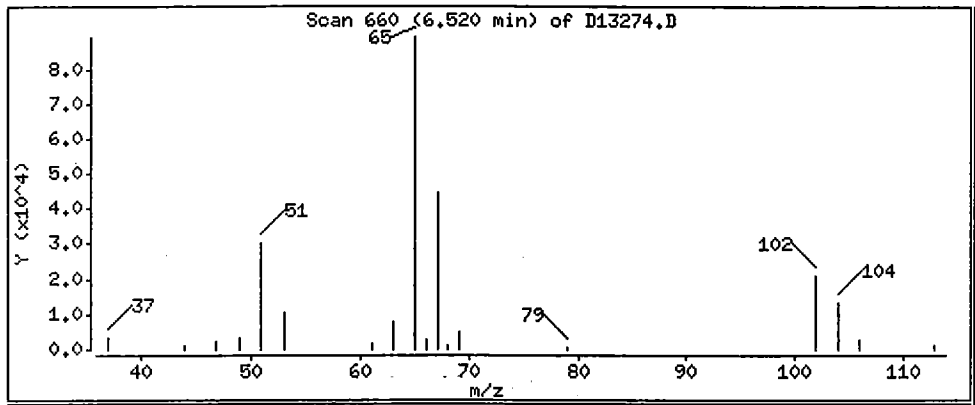
Operator: GFB

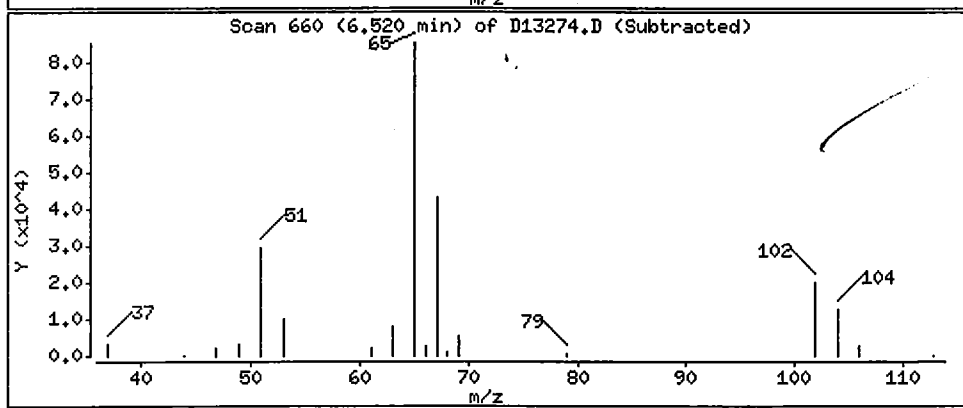
Column phase: J&W DB-624

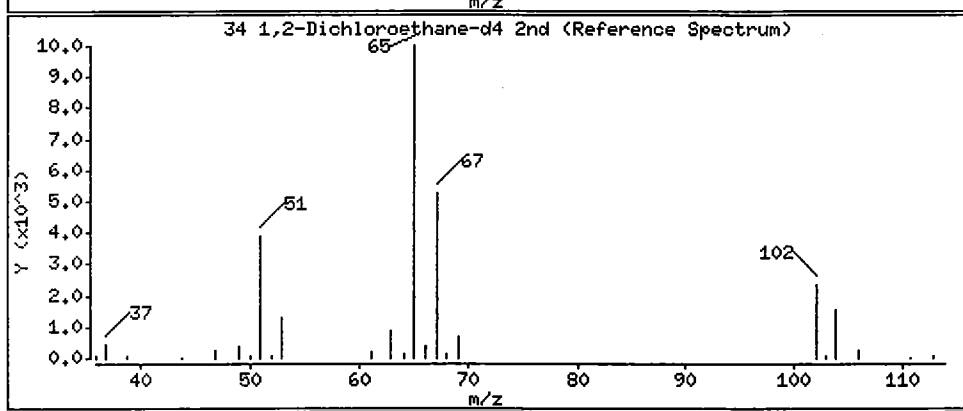
Column diameter: 0.53

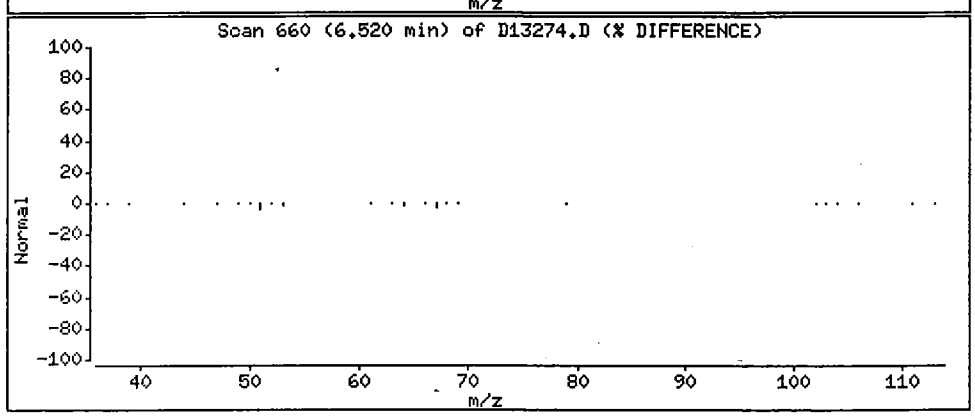
34 1,2-Dichloroethane-d4 2nd

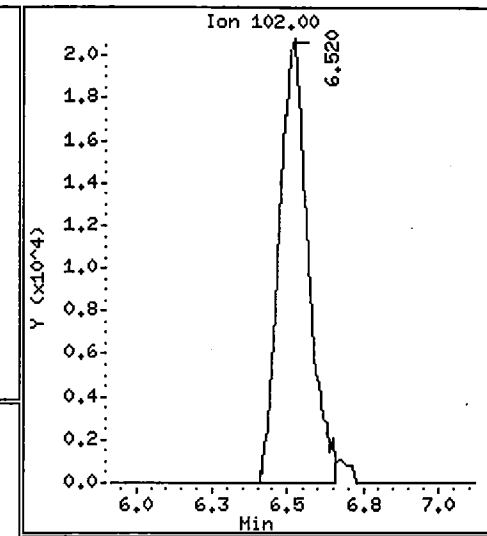
Concentration: 45.43 ug/Kg

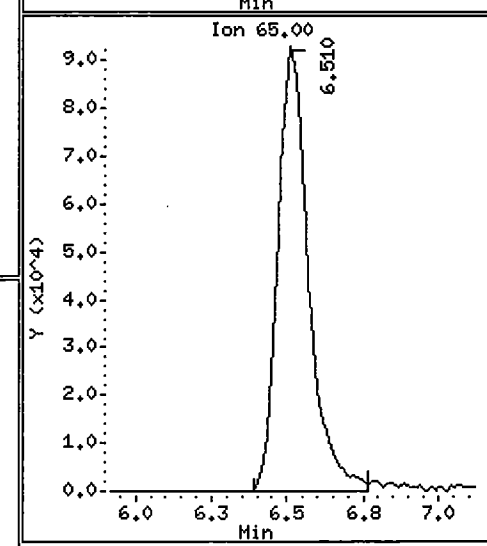












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13274.D

Date : 21-OCT-2000 13:12

Client ID: D13274

Instrument: md.i

Sample Info: MB-1021AD,BLANK,2,,0,1,0,8260BDA.M,D13274

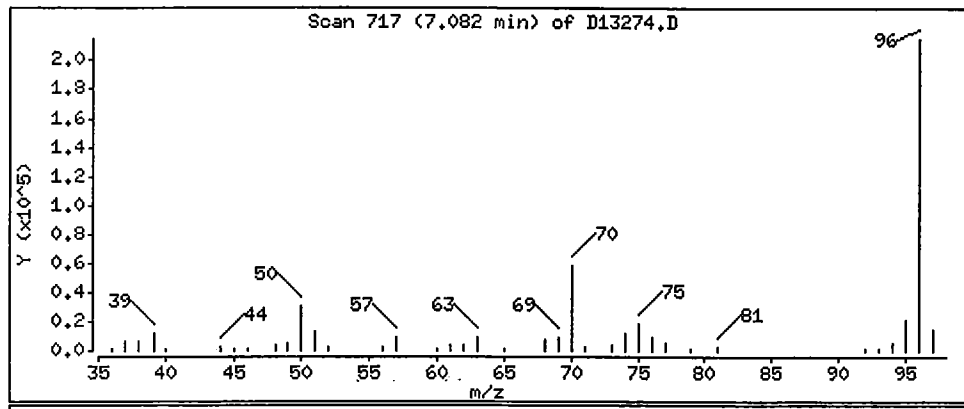
Operator: GFB

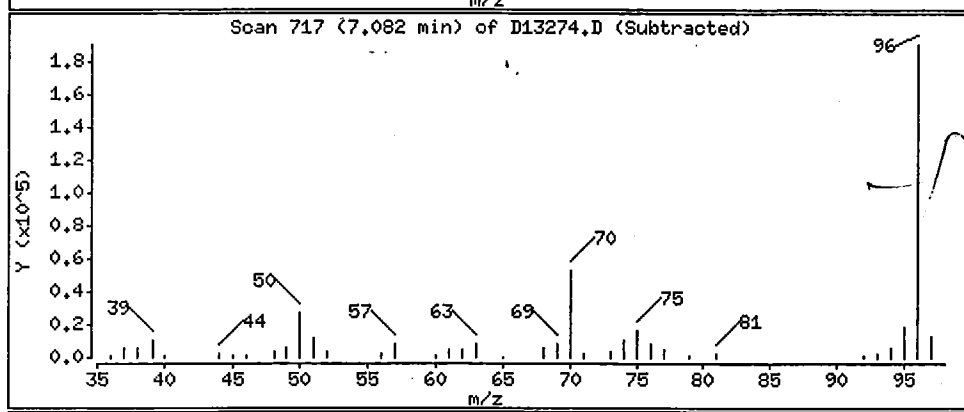
Column phase: J&W DB-624

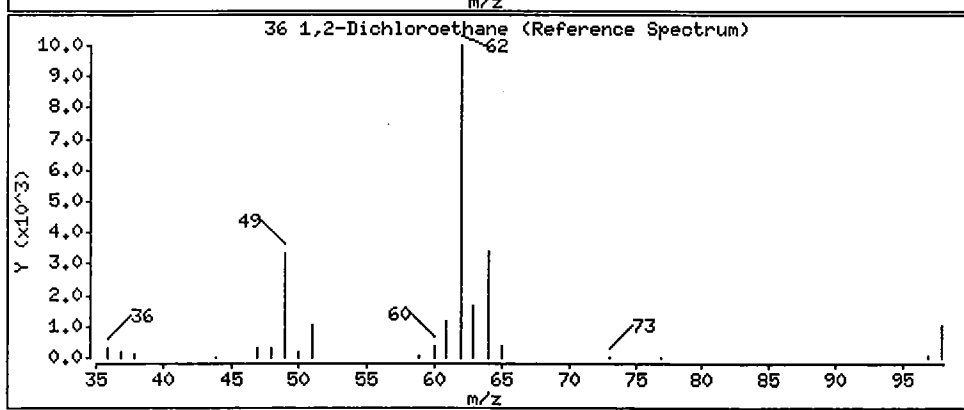
Column diameter: 0.53

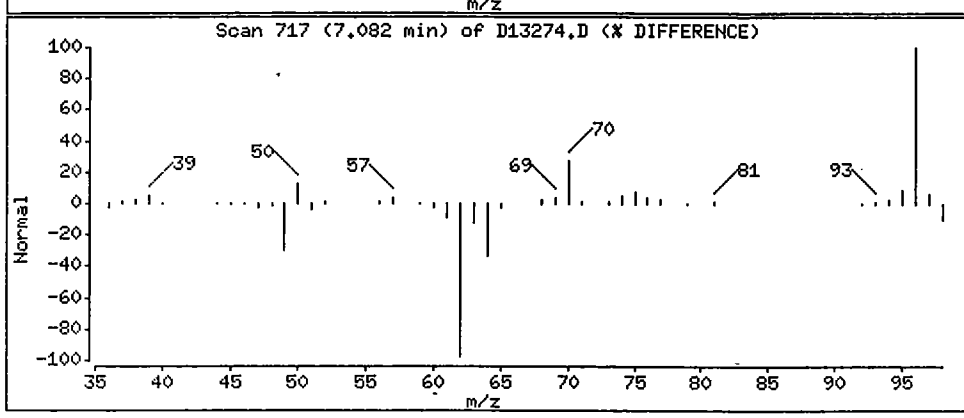
36 1,2-Dichloroethane

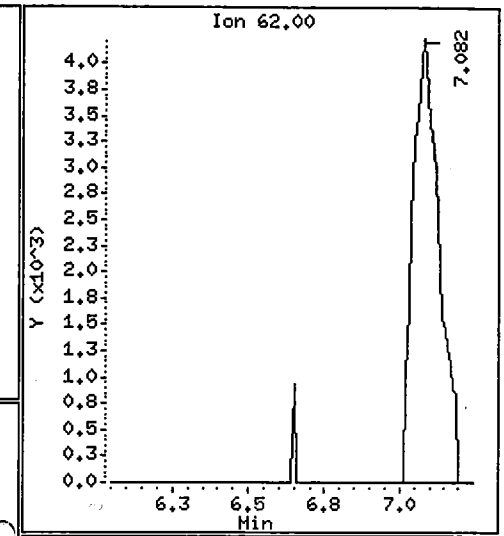
Concentration: 1.55 ug/Kg

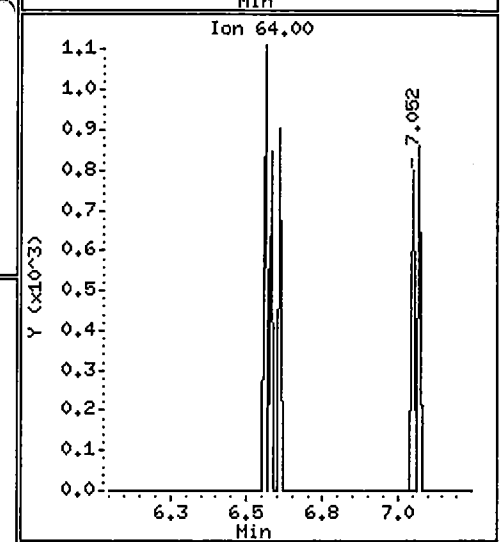


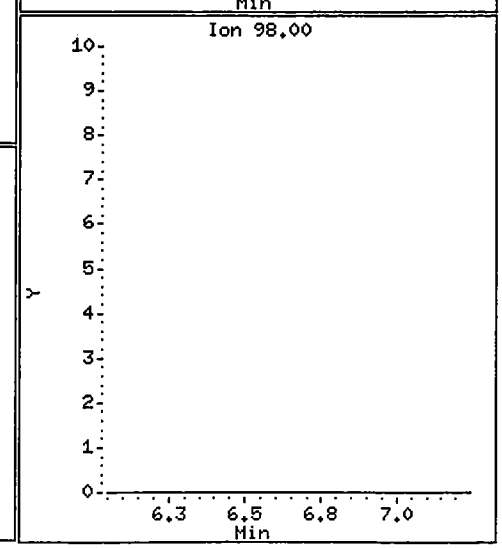












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13274.D

Date : 21-OCT-2000 13:12

Client ID: D13274

Instrument: md.i

Sample Info: MB-1021AD,BLANK,2,,0,1,0,8260BDA.M,D13274

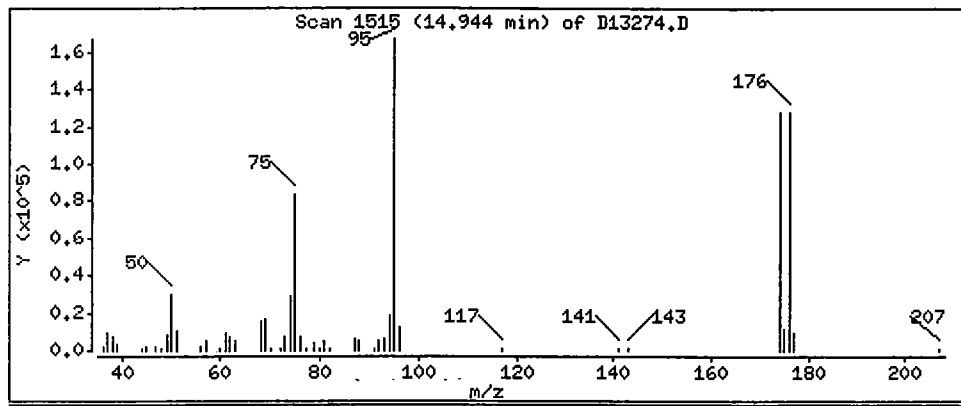
Operator: GFB

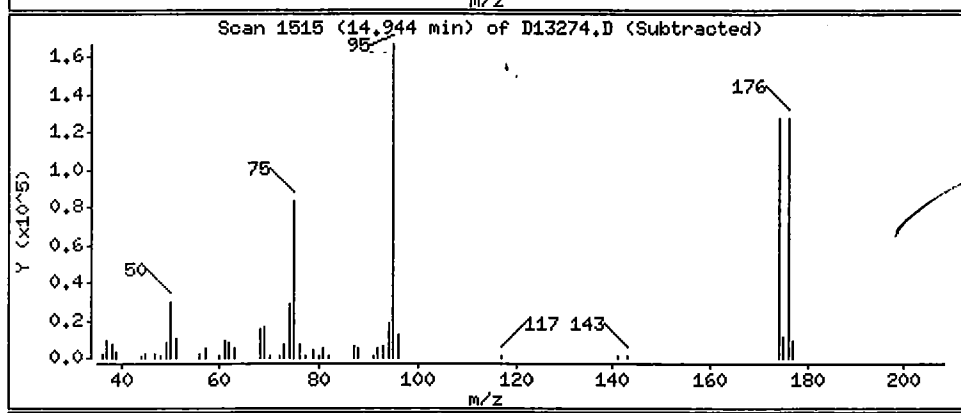
Column phase: J&W DB-624

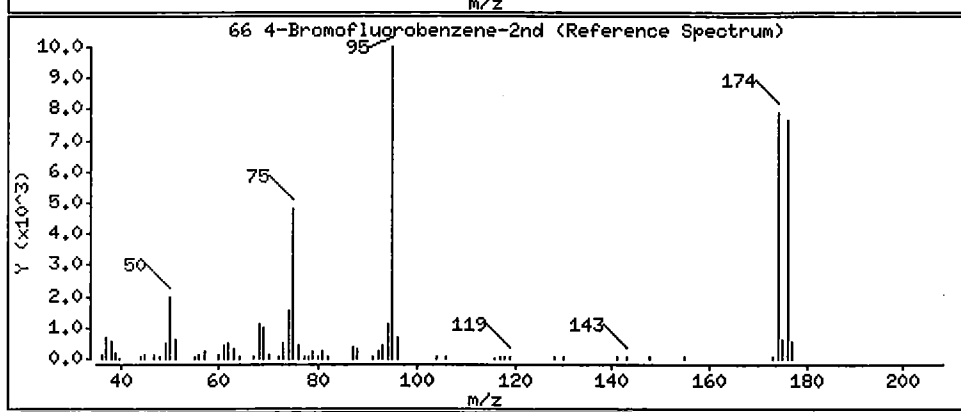
Column diameter: 0.53

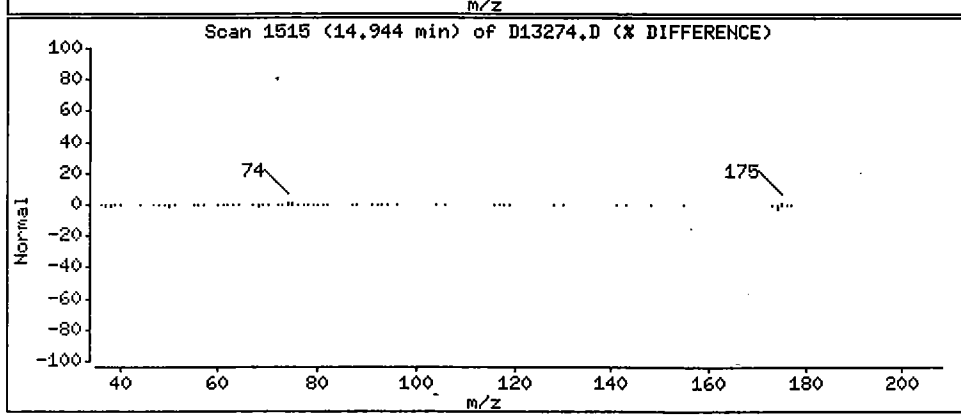
66 4-Bromofluorobenzene-2nd

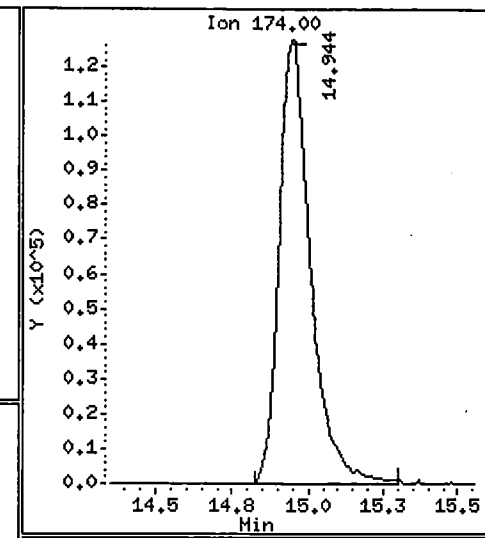
Concentration: 45.78 ug/Kg

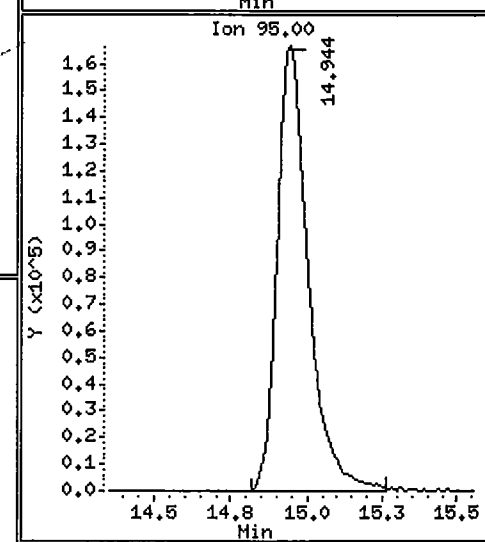


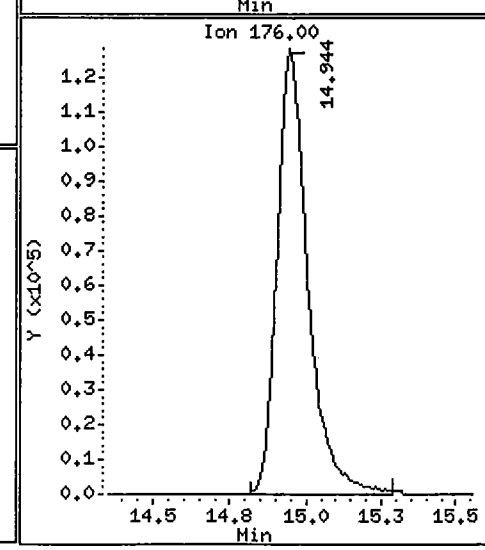












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13274.D

Date : 21-OCT-2000 13:12

Client ID: D13274

Instrument: md.i

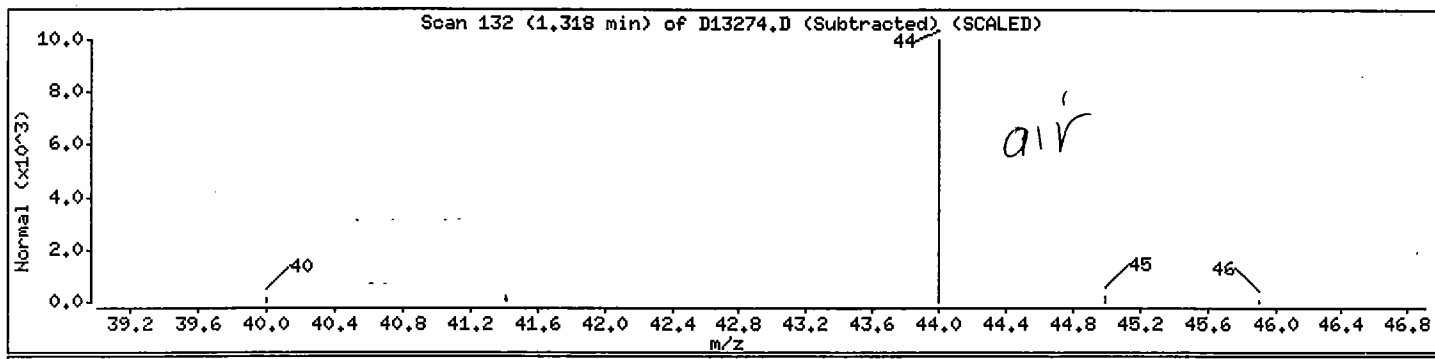
Sample Info: MB-1021AD,BLANK,2,,0,1,0,8260BDA.M,D13274

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13280.D
Lab Smp Id: DLTCL102 Client Smp ID: D132580
Inj Date : 21-OCT-2000 16:32
Operator : GFB Inst ID: md.i
Smp Info : DLTCL102,MS,2,,0,1,0,8260BDA.M,D132580
Misc Info : 227-7S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 9 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

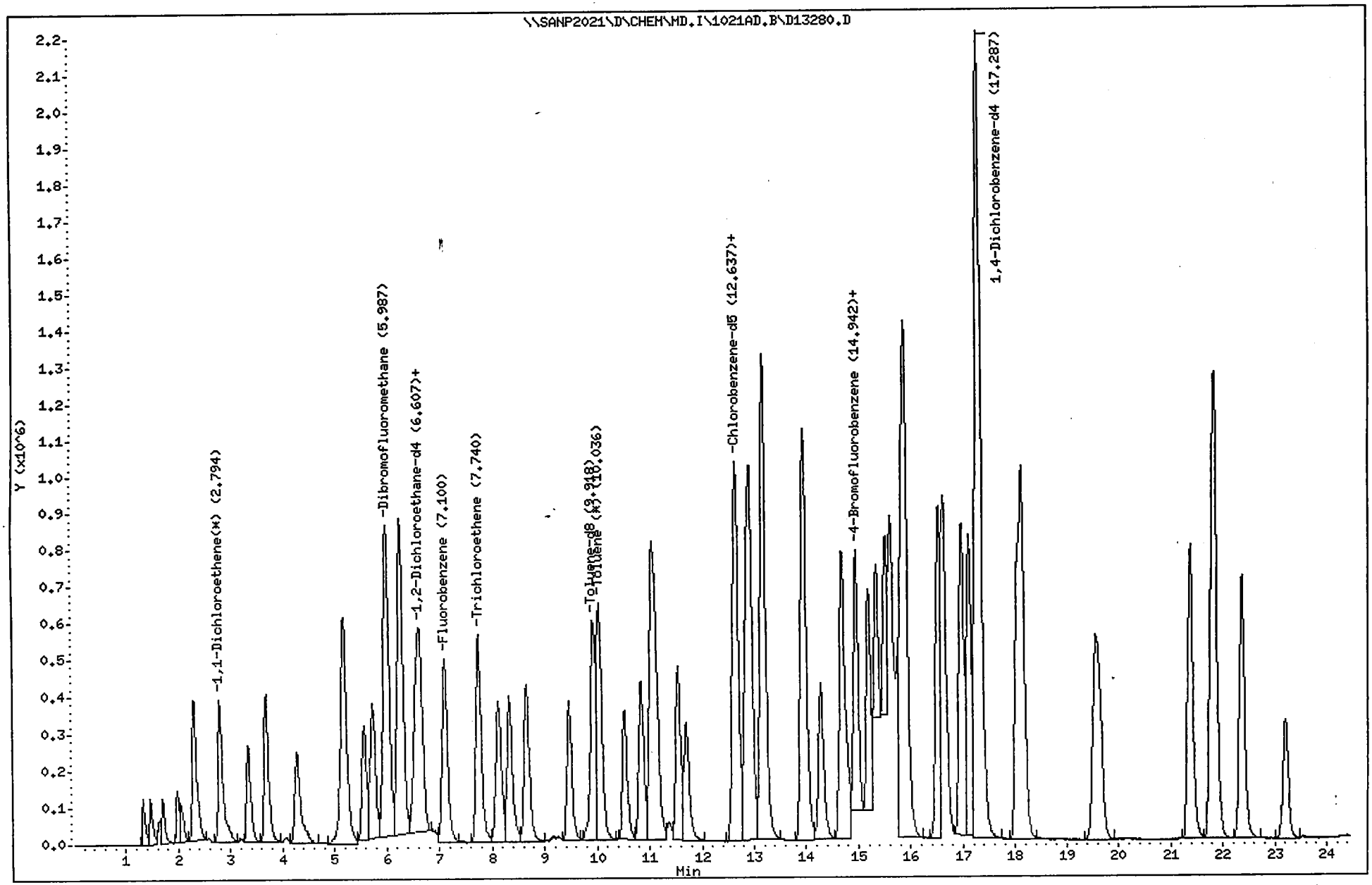
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.795	2.776	(0.393)	392272	46.0810	46.08
$ 29 Dibromofluoromethane	111	5.987	5.978	(0.842)	993908	46.2347	46.23
$ 33 1,2-Dichloroethane-d4	65	6.529	6.510	(0.918)	663895	45.7539	45.75
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.519	(0.918)	142107	48.5438	48.54
35 Benzene	78	6.598	6.579	(0.928)	1215611	47.3961	47.40
* 38 Fluorobenzene	96	7.110	7.081	(1.000)	1511330	50.0000	
39 Trichloroethene	130	7.740	7.731	(1.089)	728169	51.5506	51.55
$ 47 Toluene-d8	98	9.918	9.918	(0.787)	1429866	47.7842	47.78
48 Toluene (*)	91	10.046	10.037	(0.797)	1522855	48.1991	48.20
* 56 Chlorobenzene-d5	117	12.607	12.608	(1.000)	1292605	50.0000	
57 Chlorobenzene (**)	112	12.666	12.657	(1.005)	1240156	48.8242	48.82
$ 67 4-Bromofluorobenzene	95	14.942	14.943	(0.866)	1156241	45.2743	45.27
66 4-Bromofluorobenzene-2nd	174	14.952	14.953	(0.866)	902156	47.1480	47.15
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.268	(1.000)	960960	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13280.D
Date : 21-OCT-2000 16:32
Client ID: D132580
Sample Info: DLTCL102,MS,2,,0,1,0,8260BDA.M,D132580

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



000589

BOE-C6-0151012

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13281.D
Lab Smp Id: DLTCL103 Client Smp ID: D132581
Inj Date : 21-OCT-2000 17:04
Operator : GFB Inst ID: md.i
Smp Info : DLTCL103,MSD,2,,0,1,0,8260BDA.M,D132581
Misc Info : 227-7D,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 10 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

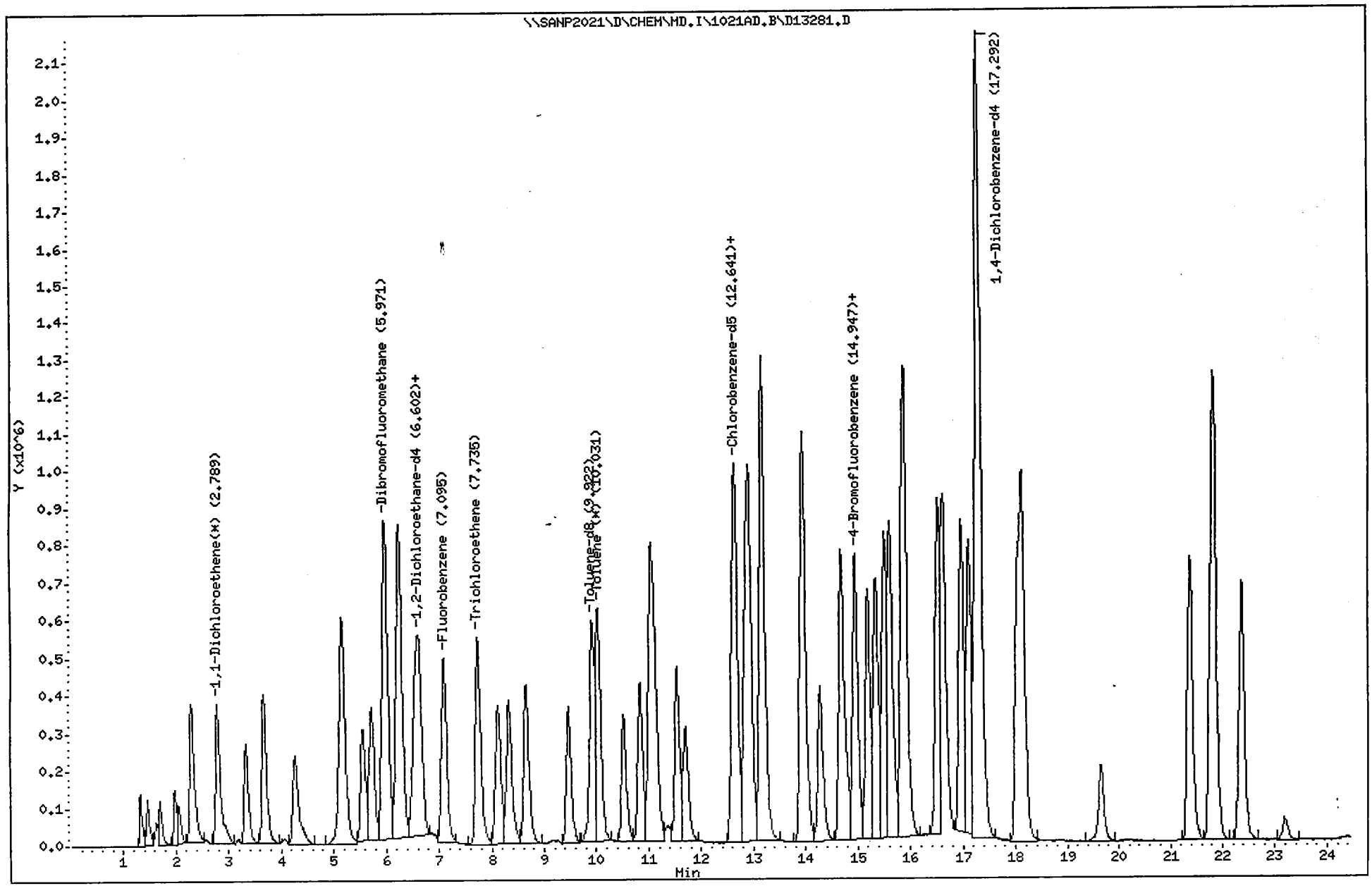
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.789	2.776	(0.393)	390921	45.4550	45.46
$ 29 Dibromofluoromethane	111	5.981	5.978	(0.843)	981496	45.1927	45.19
$ 33 1,2-Dichloroethane-d4	65	6.513	6.510	(0.918)	650505	44.3749	44.37
34 1,2-Dichloroethane-d4 2nd	102	6.523	6.519	(0.919)	130140	44.0037	44.00
35 Benzene	78	6.582	6.579	(0.928)	1175602	45.3697	45.37
* 38 Fluorobenzene	96	7.095	7.081	(1.000)	1526868	50.0000	
39 Trichloroethene	130	7.735	7.731	(1.090)	726213	50.8890	50.89
$ 47 Toluene-d8	98	9.922	9.918	(0.787)	1411345	46.9568	46.96
48 Toluene (*)	91	10.031	10.037	(0.795)	1495270	47.1169	47.12
* 56 Chlorobenzene-d5	117	12.612	12.608	(1.000)	1298344	50.0000	
57 Chlorobenzene (**)	112	12.661	12.657	(1.004)	1213433	47.5610	47.56
$ 67 4-Bromofluorobenzene	95	14.957	14.943	(0.866)	1152213	46.1641	46.16
66 4-Bromofluorobenzene-2nd	174	14.947	14.953	(0.866)	901109	48.1867	48.19
* 79 1,4-Dichlorobenzene-d4	152	17.262	17.268	(1.000)	939155	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13281.D
Date : 21-OCT-2000 17:04
Client ID: D132581
Sample Info: DLTCL103,MSD,2,,0,1,0,8260BDA.M,D132581

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



000591

BOE-C6-0151014

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13277.D
Lab Smp Id: DLTCL101 Client Smp ID: D13277
Inj Date : 21-OCT-2000 14:48
Operator : GFB Inst ID: md.i
Smp Info : DLTCL101,,2,,0,1,0,8260BDA.M,D13277
Misc Info : E0J090227-7,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.977	5.978	(0.843)	921038	45.9670	45.97	
$ 33 1,2-Dichloroethane-d4	65	6.519	6.510	(0.919)	592992	43.8455	43.84	
34 1,2-Dichloroethane-d4 2nd	102	6.509	6.519	(0.918)	118052	43.2654	43.26	
* 38 Fluorobenzene	96	7.090	7.081	(1.000)	1408679	50.0000		
$ 47 Toluene-d8	98	9.918	9.918	(0.787)	1324466	45.9758	45.98	
* 56 Chlorobenzene-d5	117	12.607	12.608	(1.000)	1244418	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.942	14.953	(0.866)	821091	46.4634	46.46	
$ 67 4-Bromofluorobenzene	95	14.942	14.943	(0.866)	1056702	44.8018	44.80	
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.268	(1.000)	887496	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13277.D
Lab Smp Id: DLTCL101 Client Smp ID: D13277
Inj Date : 21-OCT-2000 14:48
Operator : GFB Inst ID: md.i
Smp Info : DLTCL101,,2,,0,1,0,8260BDA.M,D13277
Misc Info : E0J090227-7,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.090	3228195	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.316	561597	8.69830671	8.70	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTCL101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13277
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown air	1.316	8.70	J

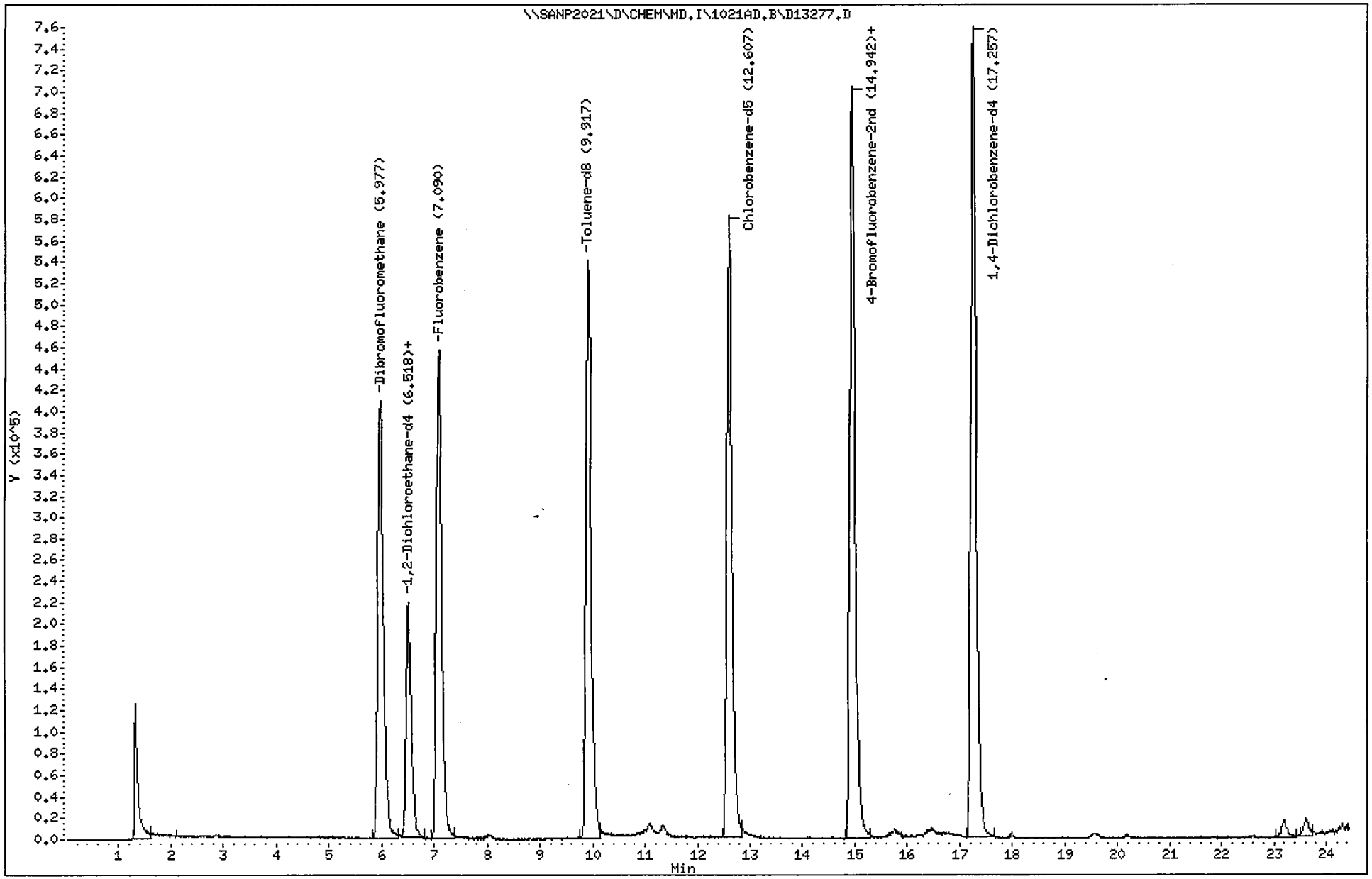
Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13277.D
Date : 21-OCT-2000 14:48
Client ID: D13277
Sample Info: DLTCL101,,2,,0,1,0,8260BDA.M,D13277

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000595

BOE-C6-0151018

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13277.D

Date : 21-OCT-2000 14:48

Client ID: D13277

Instrument: md.i

Sample Info: DLTCL101,,2,,0,1,0,8260BDA.M,D13277

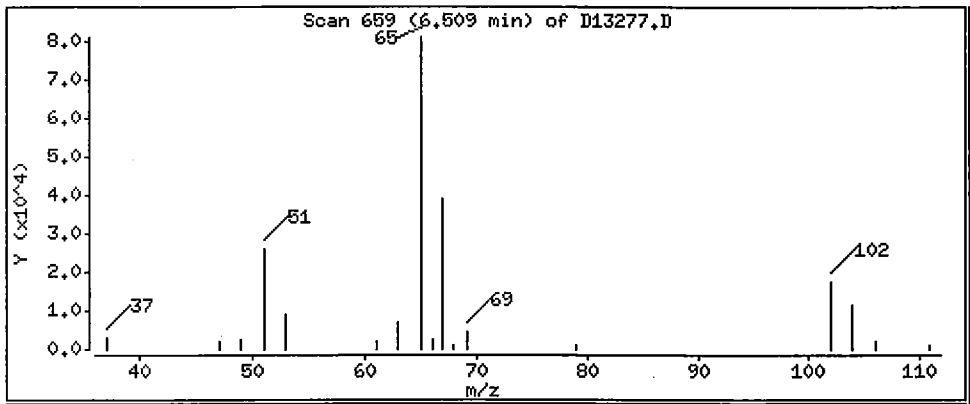
Operator: GFB

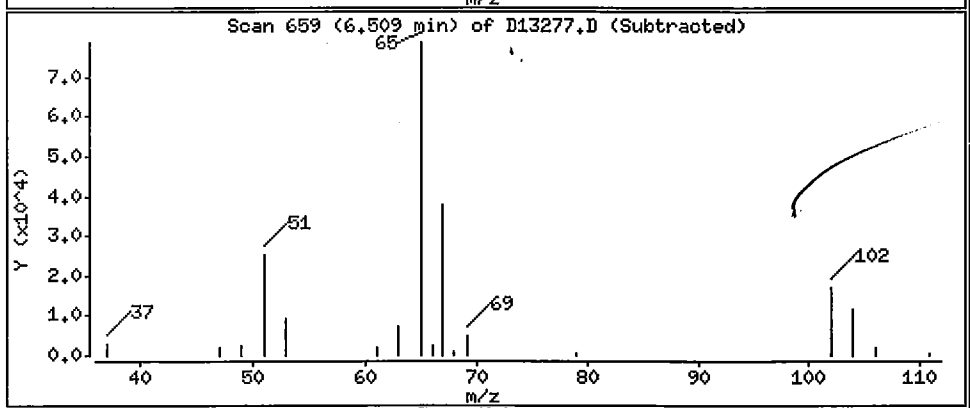
Column phase: J&W DB-624

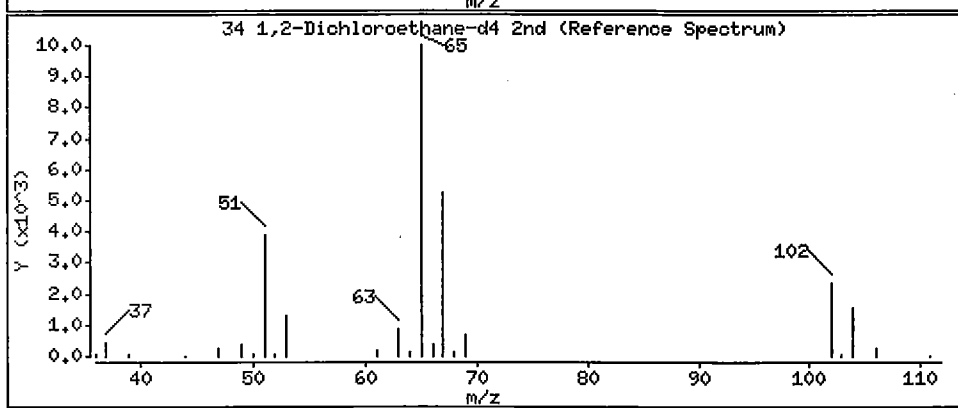
Column diameter: 0.53

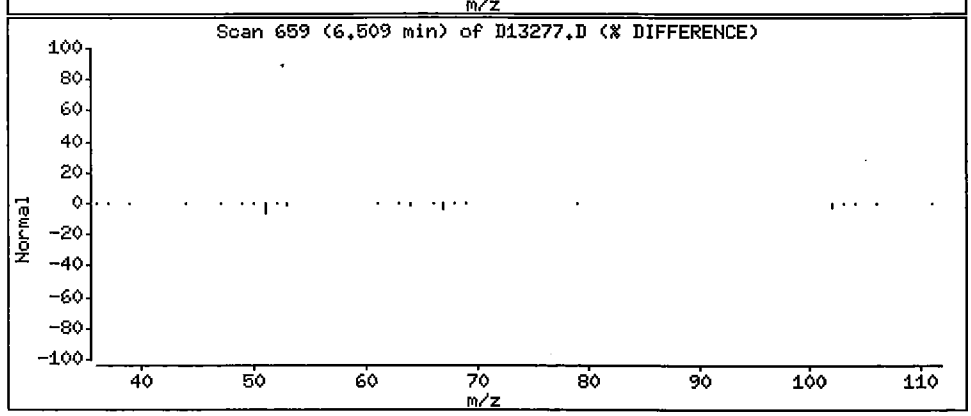
34 1,2-Dichloroethane-d4 2nd

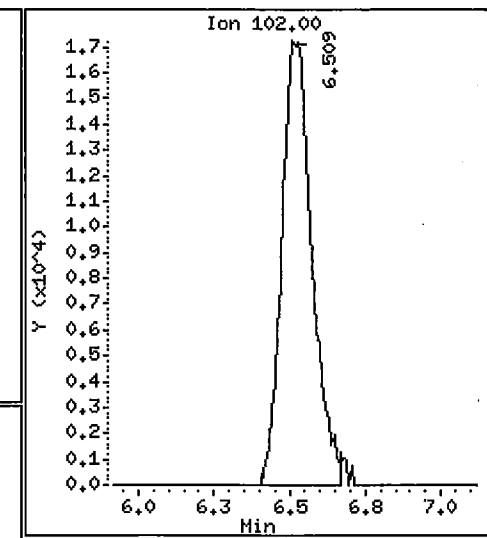
Concentration: 43.26 ug/Kg

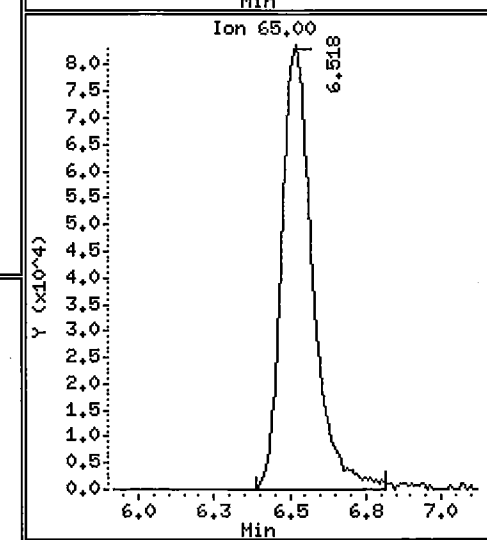












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13277.D

Date : 21-OCT-2000 14:48

Client ID: D13277

Instrument: md.i

Sample Info: DLTCL101,,2,,0,1,0,8260BDA.M,D13277

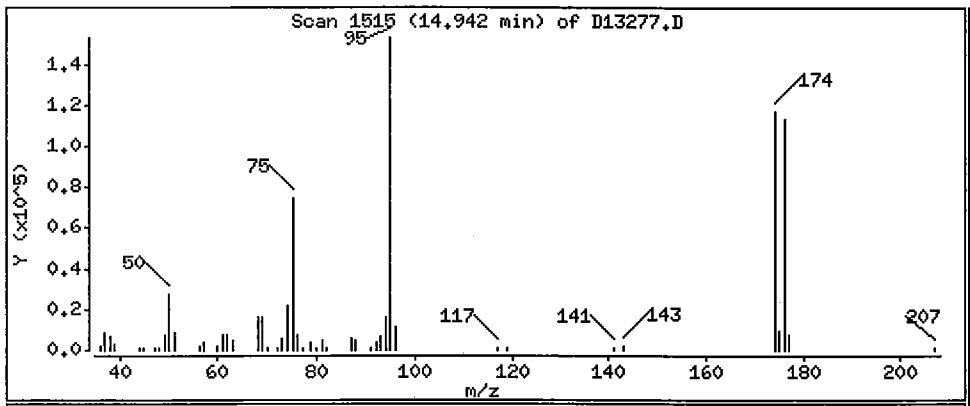
Operator: GFB

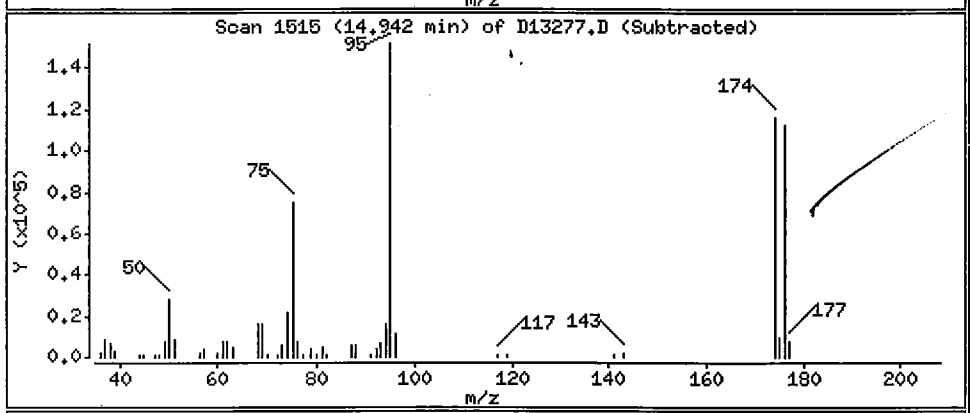
Column phase: J&W DB-624

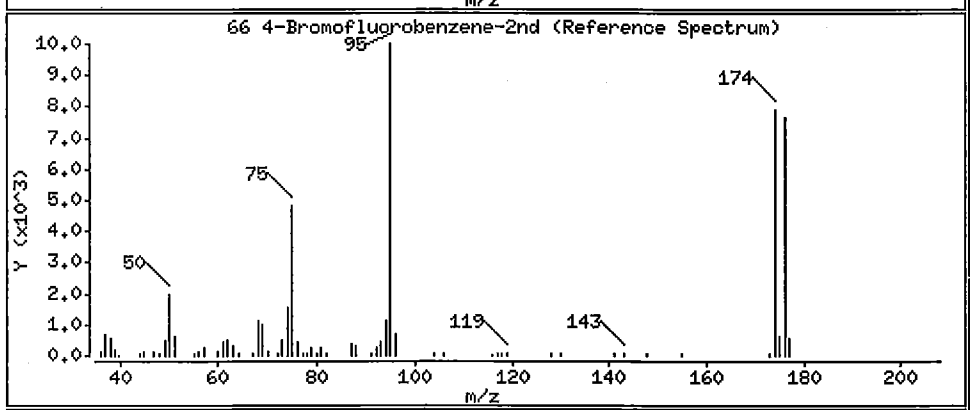
Column diameter: 0.53

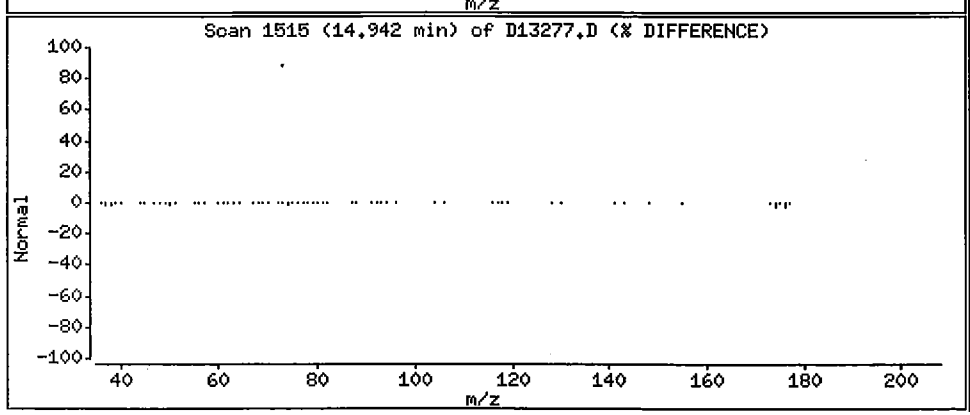
66 4-Bromofluorobenzene-2nd

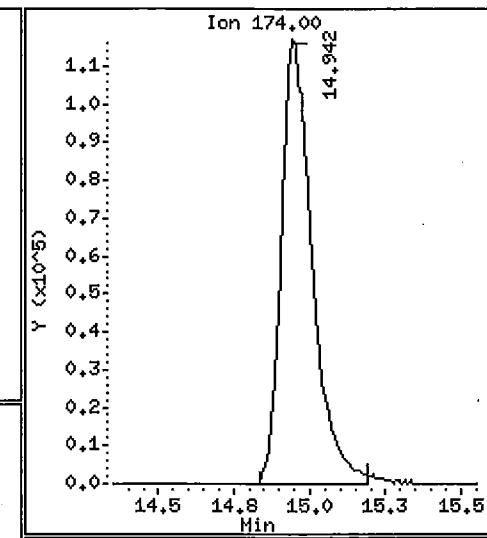
Concentration: 46.46 ug/Kg

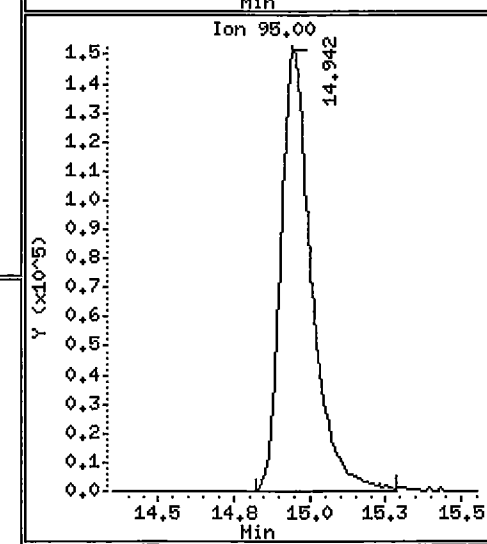


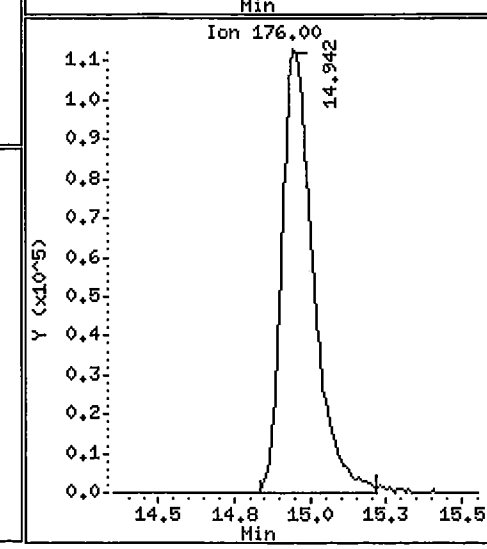












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13277.D

Date : 21-OCT-2000 14:48

Client ID: D13277

Instrument: md.i

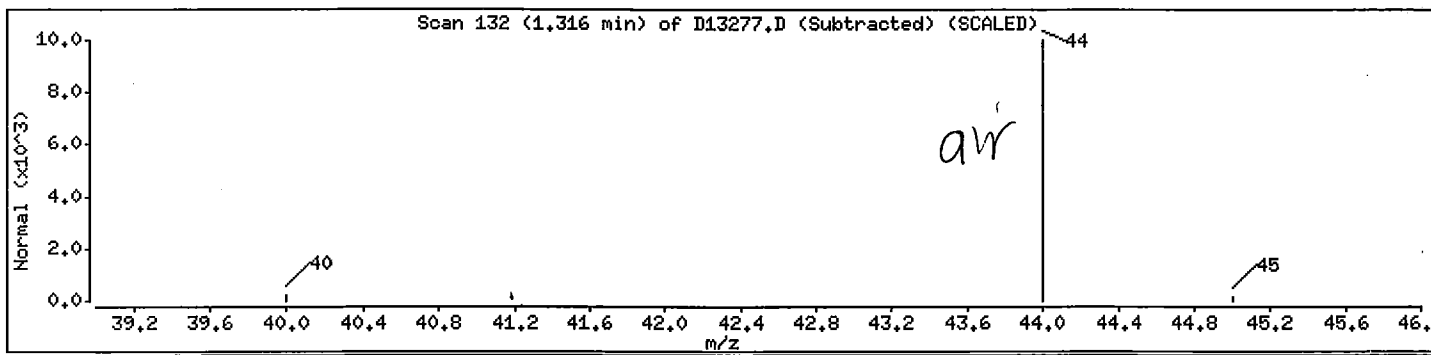
Sample Info: DLTCL101,,2,,0,1,0,8260BDA.M,D13277

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13278.D
Lab Smp Id: DLTD3101 Client Smp ID: D13278
Inj Date : 21-OCT-2000 15:19
Operator : GFB Inst ID: md.i
Smp Info : DLTD3101,,2,,0,1,0,8260BDA.M,D13278
Misc Info : 227-18,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.979	5.978	(0.843)	923964	45.4302	45.43	
$ 33 1,2-Dichloroethane-d4	65	6.521	6.510	(0.919)	585941	42.6826	42.68	
34 1,2-Dichloroethane-d4 2nd	102	6.511	6.519	(0.918)	122881	44.3680	44.37	
* 38 Fluorobenzene	96	7.093	7.081	(1.000)	1429854	50.0000		
$ 47 Toluene-d8	98	9.920	9.918	(0.787)	1319484	45.4783	45.48	
* 56 Chlorobenzene-d5	117	12.600	12.608	(1.000)	1253297	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.945	14.953	(0.866)	829935	46.2178	46.22	
$ 67 4-Bromofluorobenzene	95	14.935	14.943	(0.865)	1055951	44.0586	44.06	
* 79 1,4-Dichlorobenzene-d4	152	17.260	17.268	(1.000)	901823	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13278.D
Lab Smp Id: DLTD3101 Client Smp ID: D13278
Inj Date : 21-OCT-2000 15:19
Operator : GFB Inst ID: md.i
Smp Info : DLTD3101,,2,,0,1,0,8260BDA.M,D13278
Misc Info : 227-18,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.093	3272906	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.319	524738	8.01639303	8.02	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTD3101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13278
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.319	8.02	J

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13278.D

Date : 21-OCT-2000 15:19

Client ID: D13278

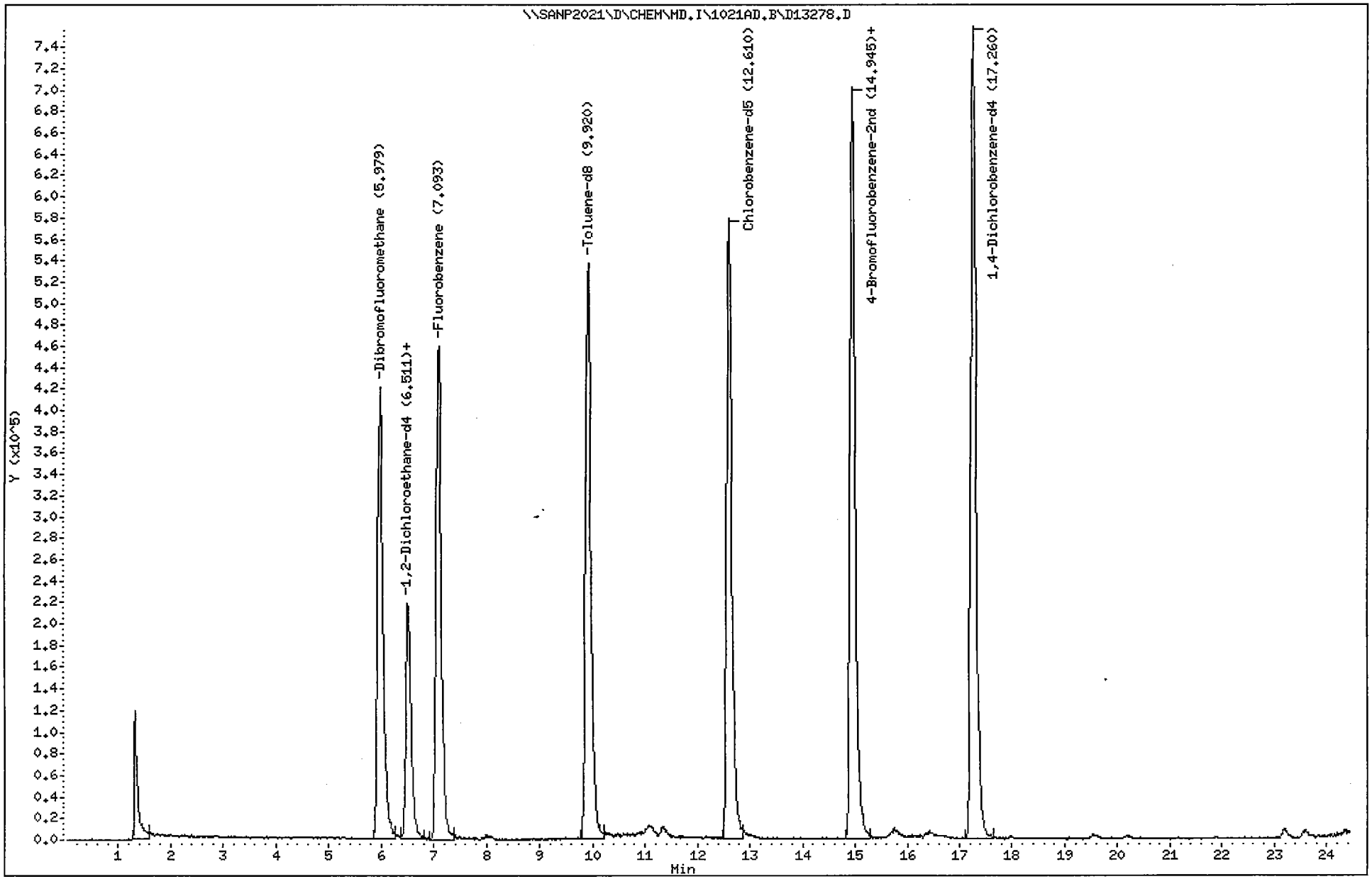
Sample Info: DLTD3101,,2,,0,1,0,8260BDA.M,D13278

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000602

BOE-C6-0151025

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13278.D

Date : 21-OCT-2000 15:19

Client ID: D13278

Instrument: md.i

Sample Info: DLTD3101,,2,,0,1,0,8260BDA.M,D13278

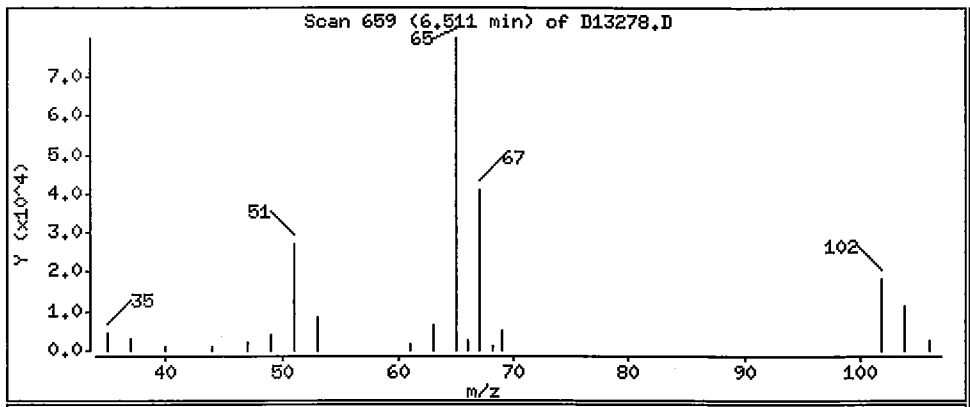
Operator: GFB

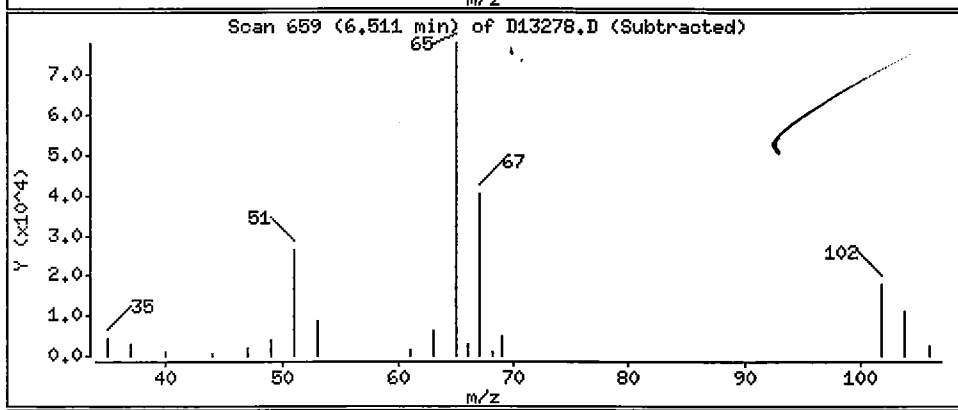
Column phase: J&W DB-624

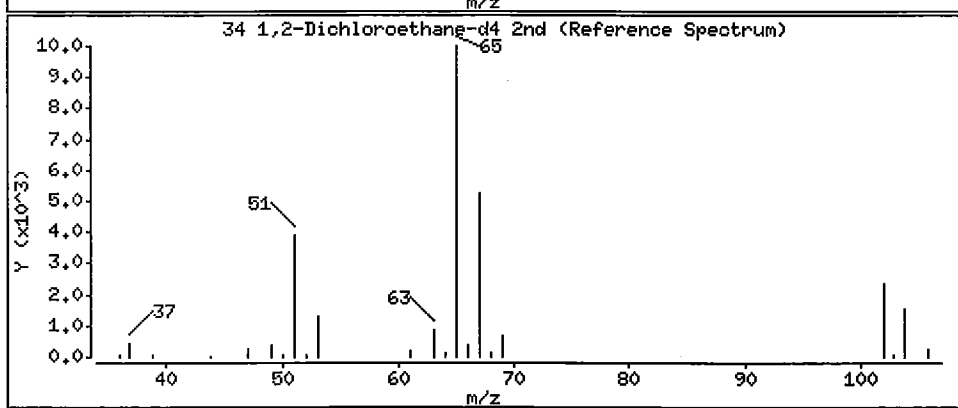
Column diameter: 0.53

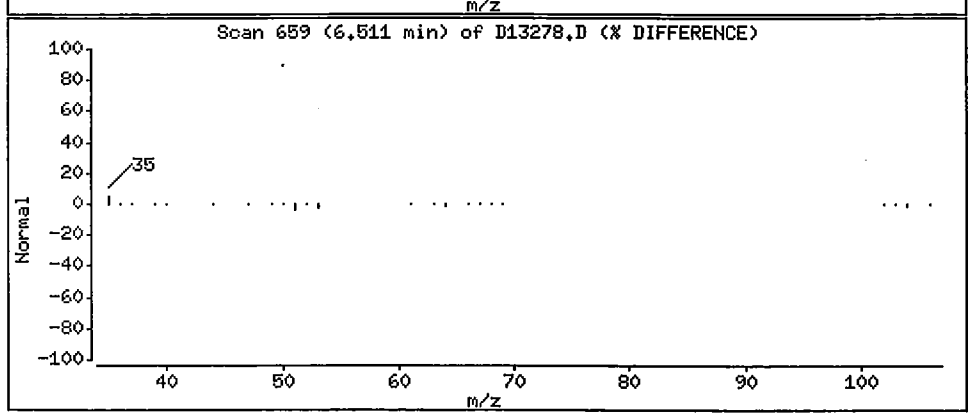
34 1,2-Dichloroethane-d4 2nd

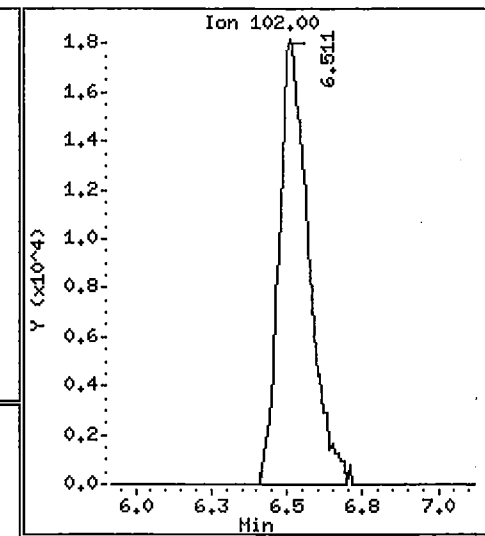
Concentration: 44.37 ug/Kg

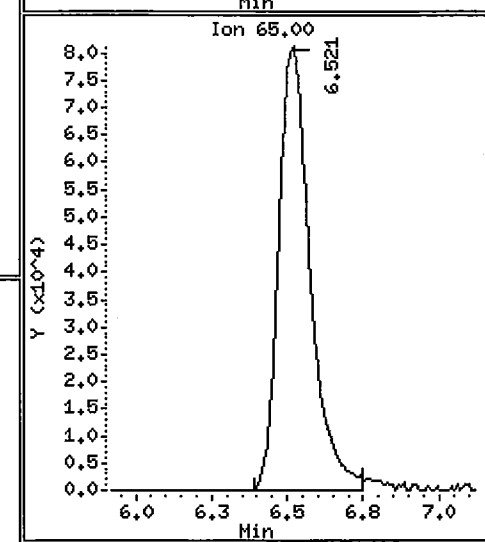












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13278.D

Date : 21-OCT-2000 15:19

Client ID: D13278

Instrument: md.i

Sample Info: DLTD3101,,2,,0,1,0,8260BDA.M,D13278

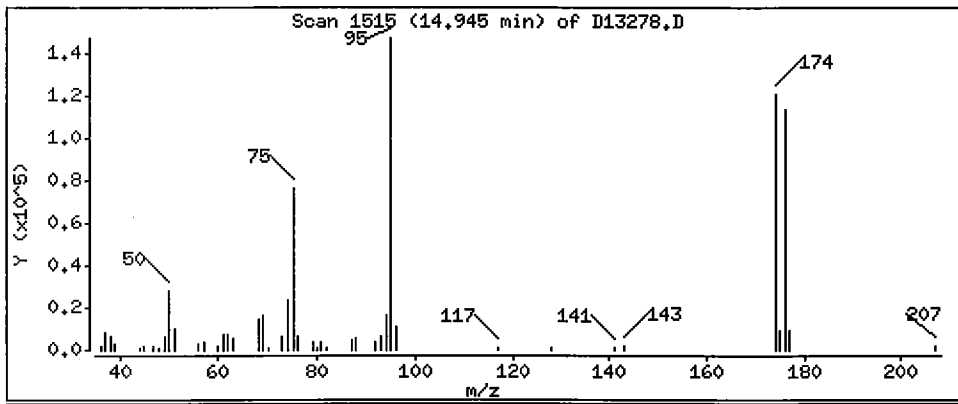
Operator: GFB

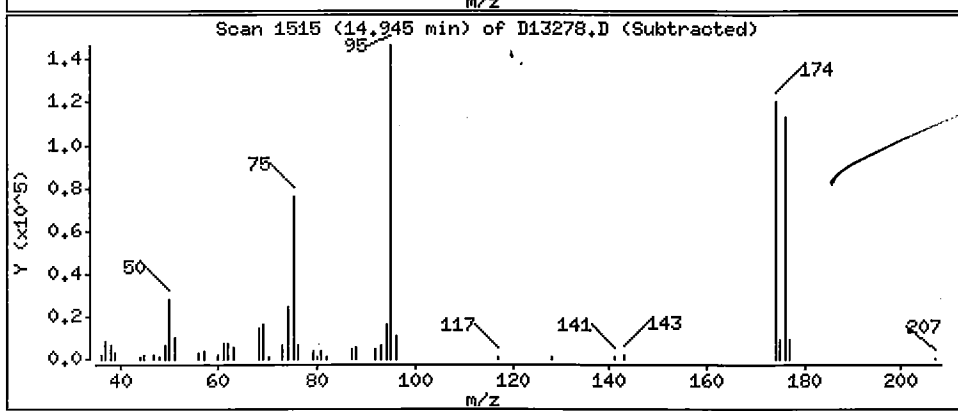
Column phase: J&W DB-624

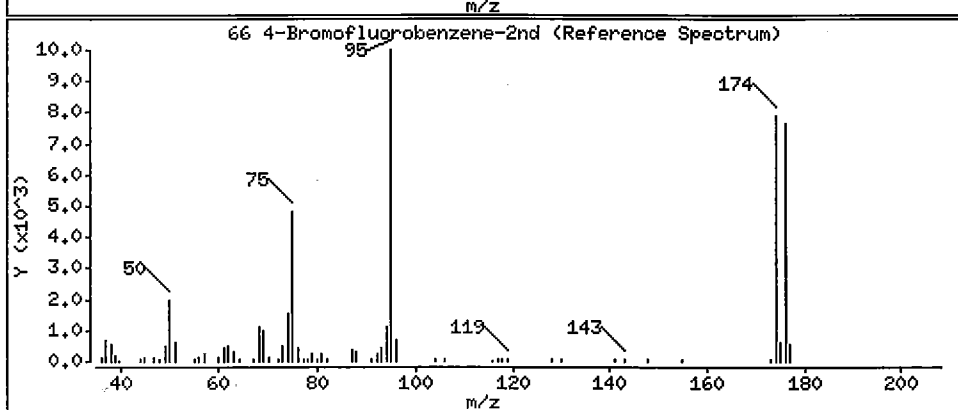
Column diameter: 0.53

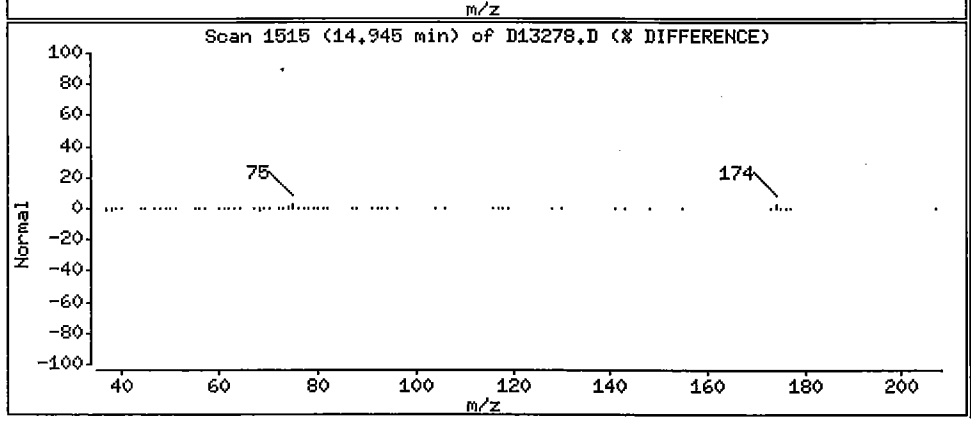
66 4-Bromofluorobenzene-2nd

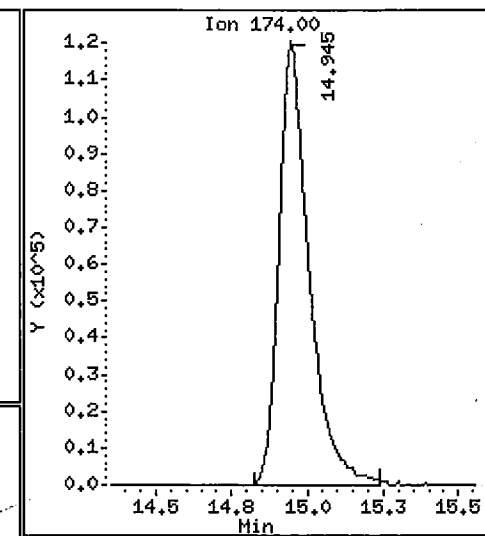
Concentration: 46.22 ug/Kg

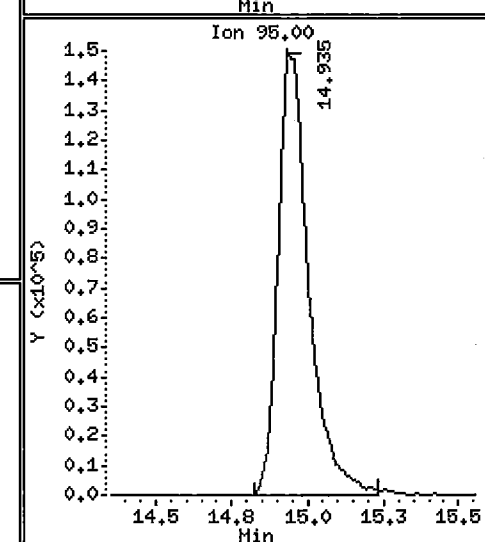


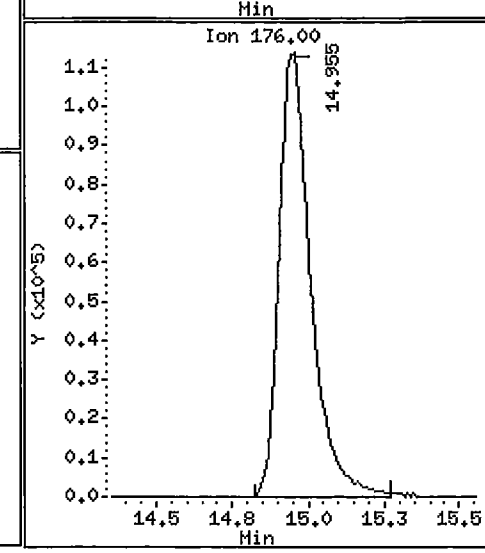












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13278.D

Date : 21-OCT-2000 15:19

Client ID: D13278

Instrument: md.i

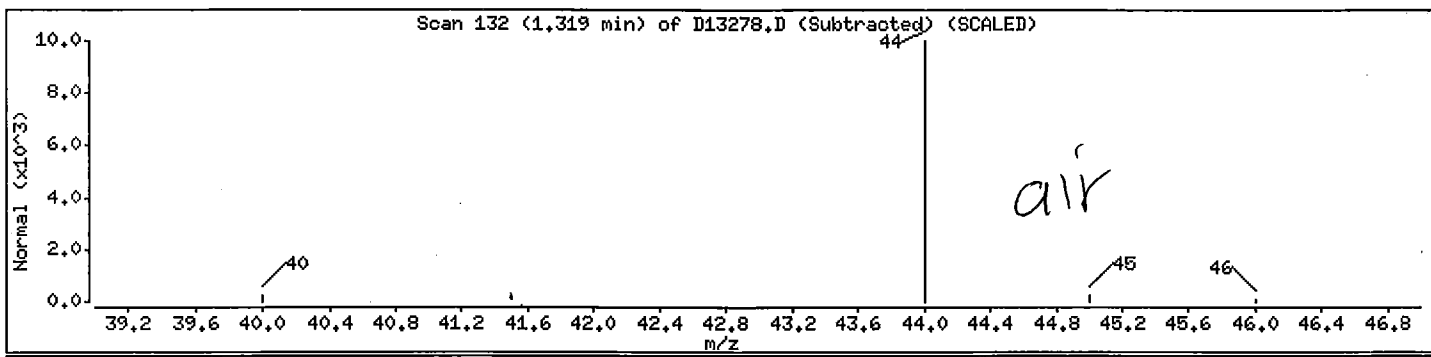
Sample Info: DLTD3101,,2,,0,1,0,8260BDA.M,D13278

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13279.D
Lab Smp Id: DLTD5101 Client Smp ID: D13279
Inj Date : 21-OCT-2000 15:51
Operator : GFB Inst ID: md.i
Smp Info : DLTD5101,,2,,0,1,0,8260BDA.M,D13279
Misc Info : 227-19,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.976	5.978	(0.843)	954886	46.2189	46.22
$ 33 1,2-Dichloroethane-d4	65	6.518	6.510	(0.919)	619853	44.4492	44.45
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.519	(0.919)	125134	44.4777	44.48
36 1,2-Dichloroethane	62	7.079	6.648	(0.999)	24442	1.57468	1.57(aQ)
* 38 Fluorobenzene	96	7.089	7.081	(1.000)	1452488	50.0000	
$ 47 Toluene-d8	98	9.917	9.918	(0.787)	1358331	45.8771	45.88
* 56 Chlorobenzene-d5	117	12.607	12.608	(1.000)	1278981	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.951	14.953	(0.866)	866700	46.8910	46.89
$ 67 4-Bromofluorobenzene	95	14.941	14.943	(0.866)	1107796	44.9059	44.90
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.268	(1.000)	928251	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13279.D
Lab Smp Id: DLTD5101 Client Smp ID: D13279
Inj Date : 21-OCT-2000 15:51
Operator : GFB Inst ID: md.i
Smp Info : DLTD5101,,2,,0,1,0,8260BDA.M,D13279
Misc Info : 227-19,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.089	3328088	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.316	657810	9.88269384	9.88	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTD5101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13279
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

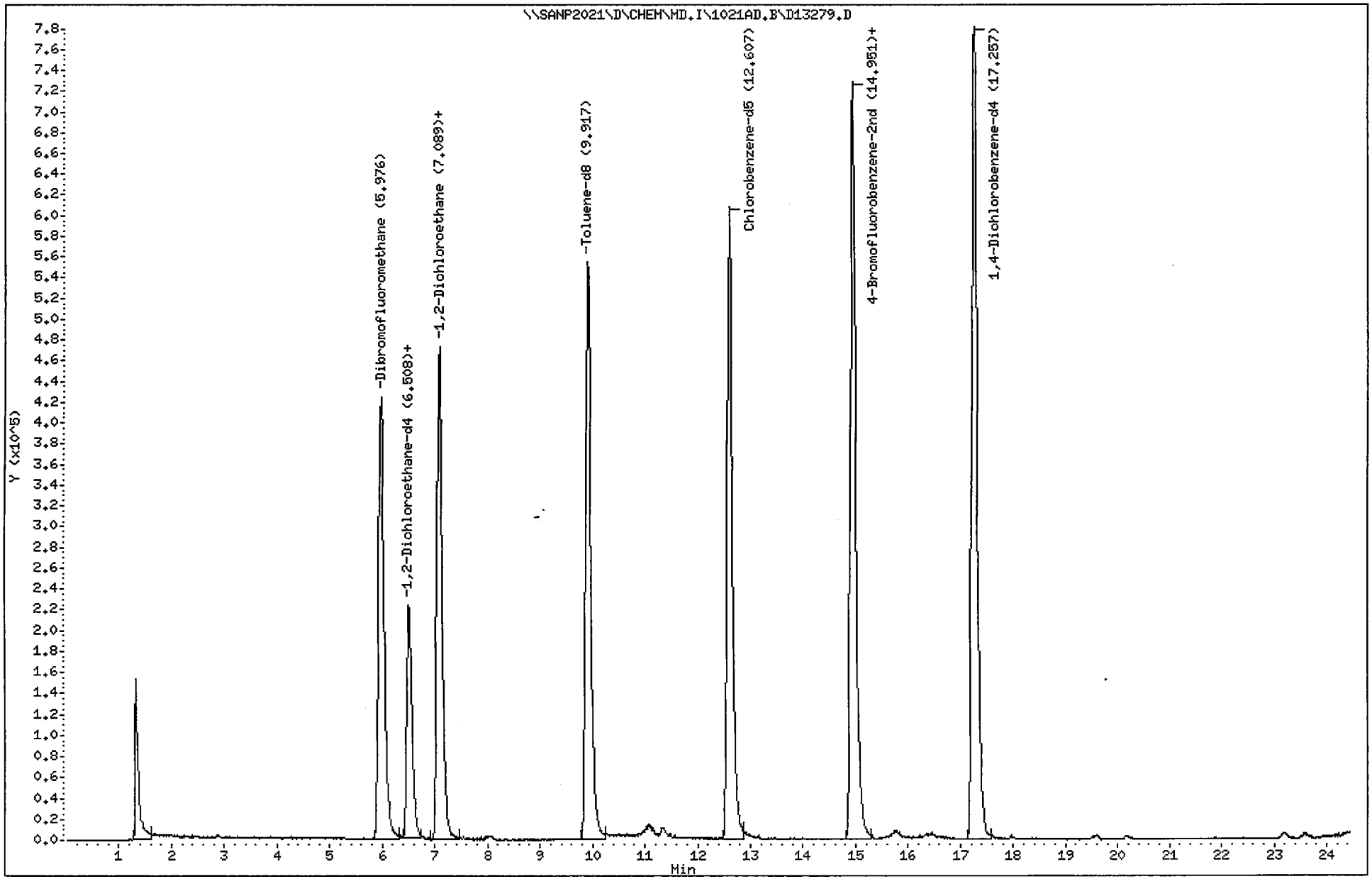
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ a lr	1.316	9.88	J

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13279.D
Date : 21-OCT-2000 15:51
Client ID: D13279
Sample Info: DLTD5101,,2,,0,1,0,8260BDA.M,D13279

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



000610

BOE-C6-0151033

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13279.D

Date : 21-OCT-2000 15:51

Client ID: D13279

Instrument: md.i

Sample Info: DLTD5101,,2,,0,1,0,8260BDA,M,D13279

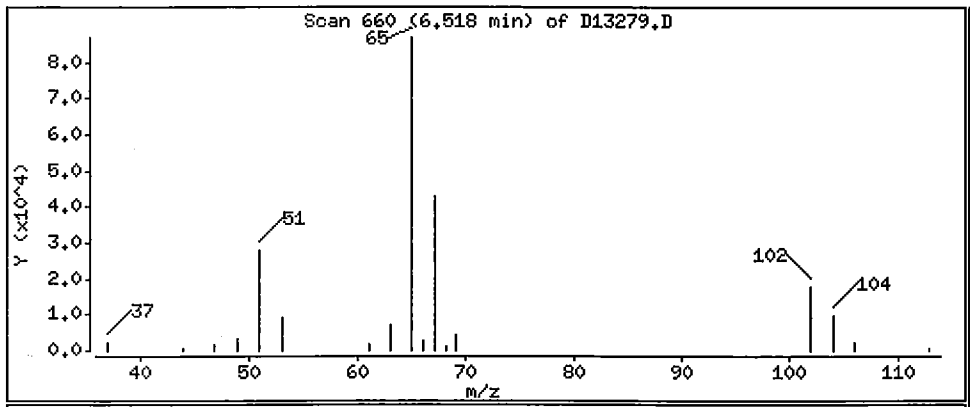
Operator: GFB

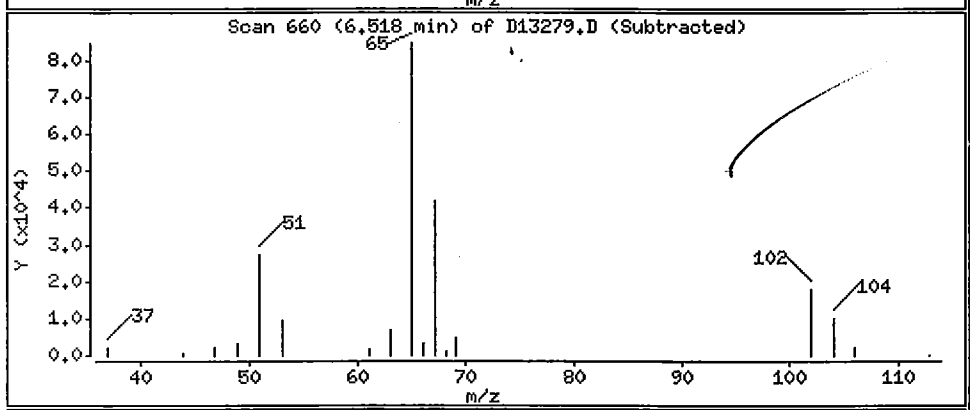
Column phase: J&W DB-624

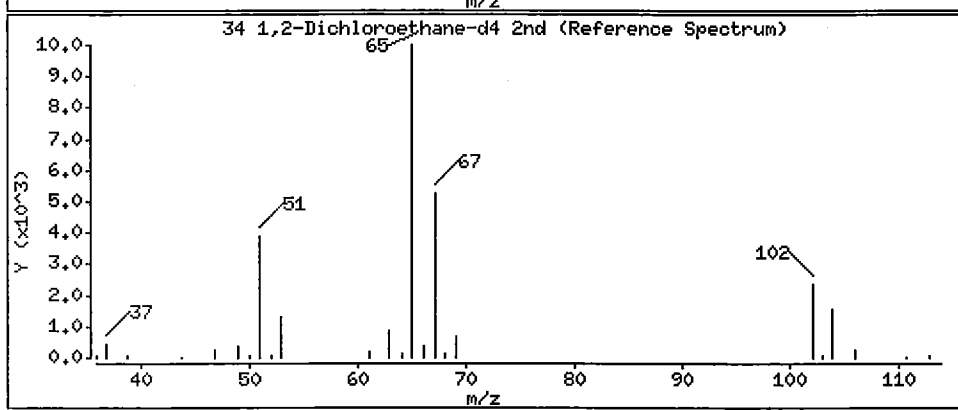
Column diameter: 0.53

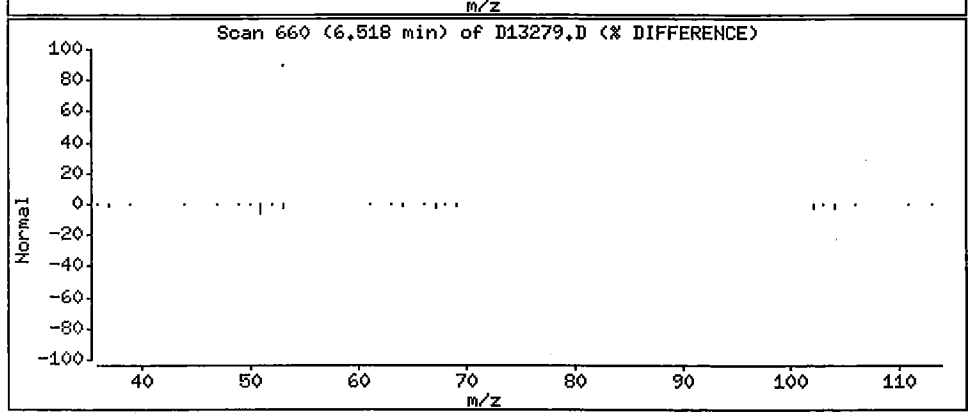
34 1,2-Dichloroethane-d4 2nd

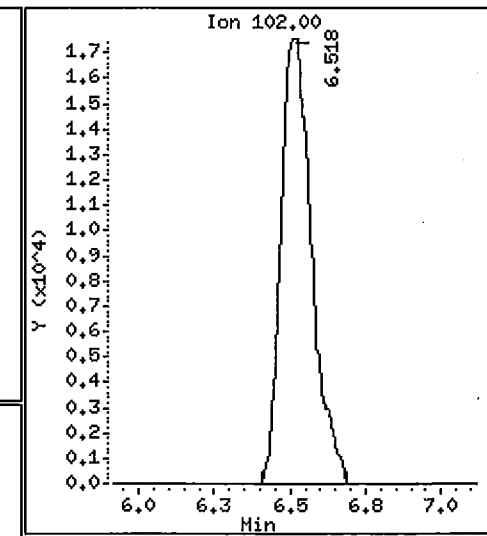
Concentration: 44.48 ug/Kg

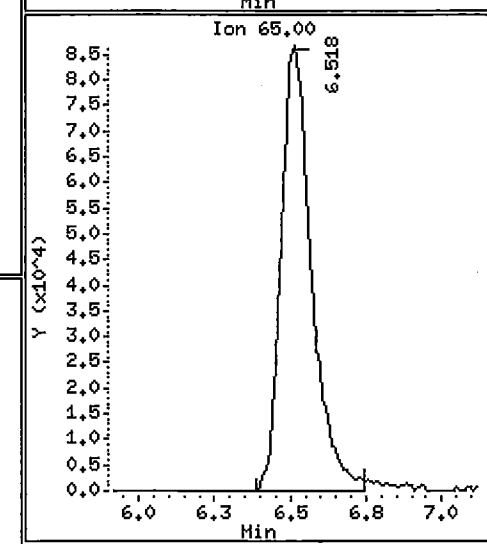












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13279.D

Date : 21-OCT-2000 15:51

Client ID: D13279

Instrument: md.i

Sample Info: DLTD5101,,2,,0,1,0,8260BDA.M,D13279

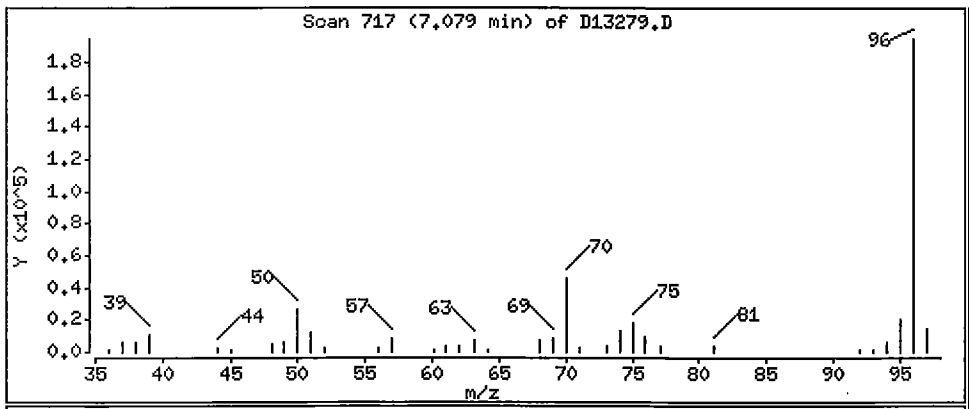
Operator: GFB

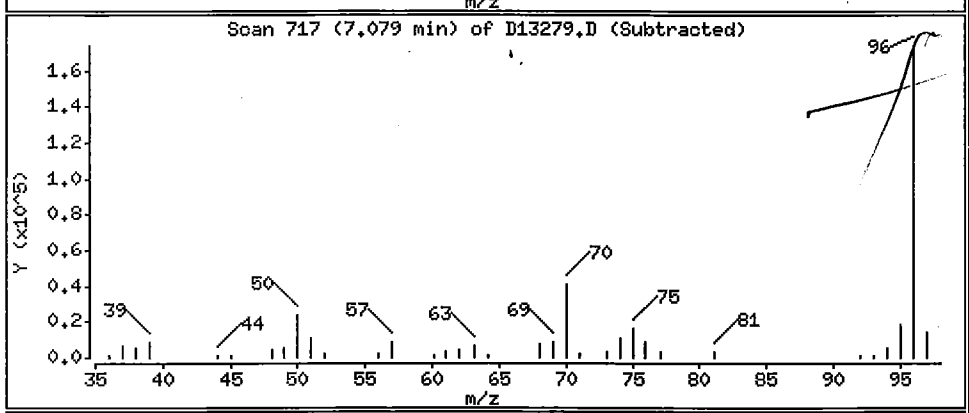
Column phase: J&W DB-624

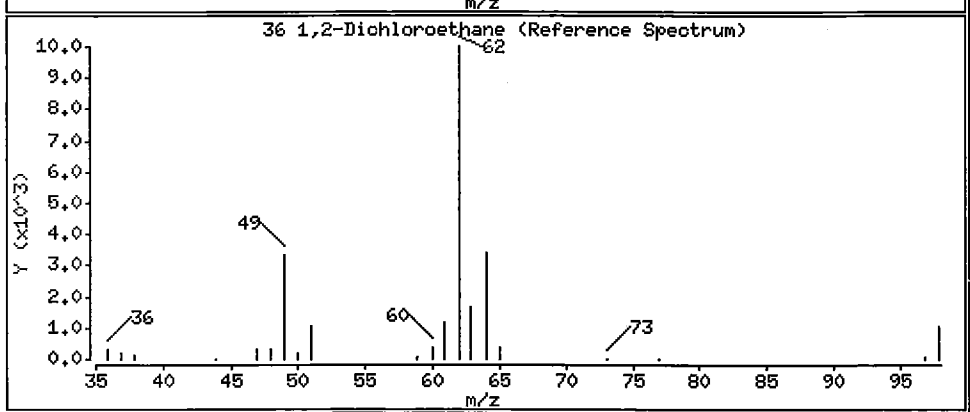
Column diameter: 0.53

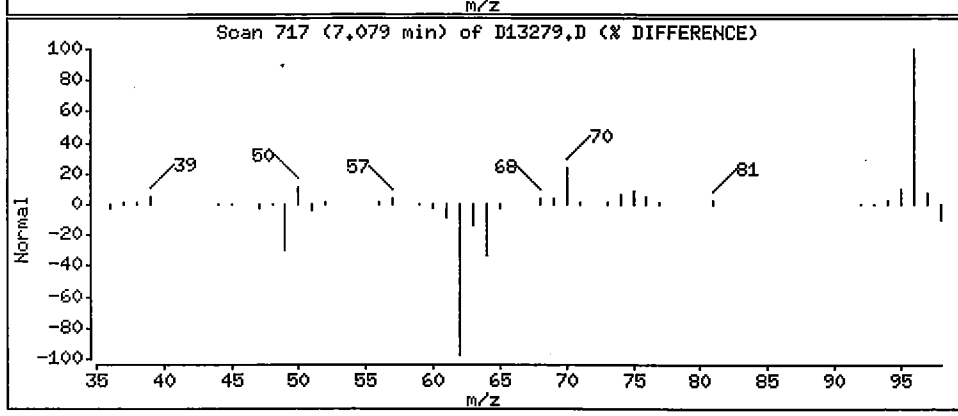
36 1,2-Dichloroethane

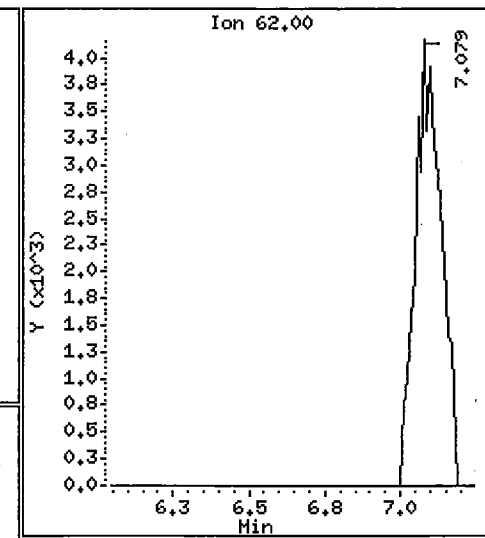
Concentration: 1.57 ug/Kg

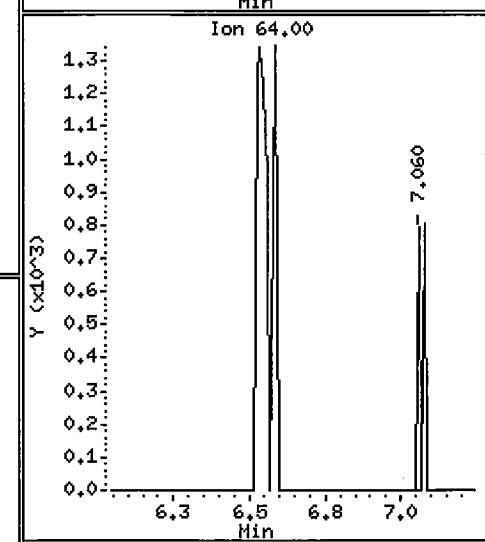


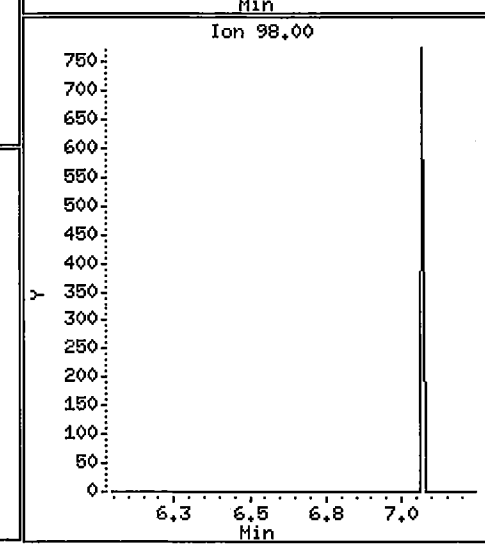












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13279.D

Date : 21-OCT-2000 15:51

Client ID: D13279

Instrument: md.i

Sample Info: DLTD5101,,2,,0,1,0,8260BDA.M,D13279

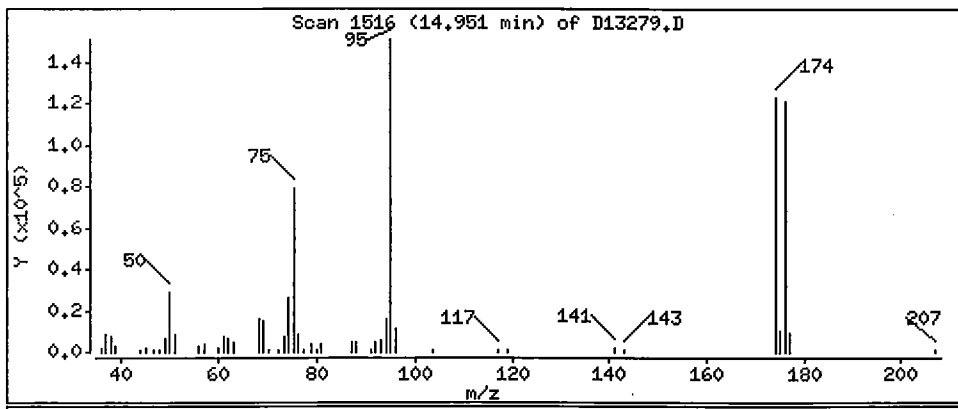
Operator: GFB

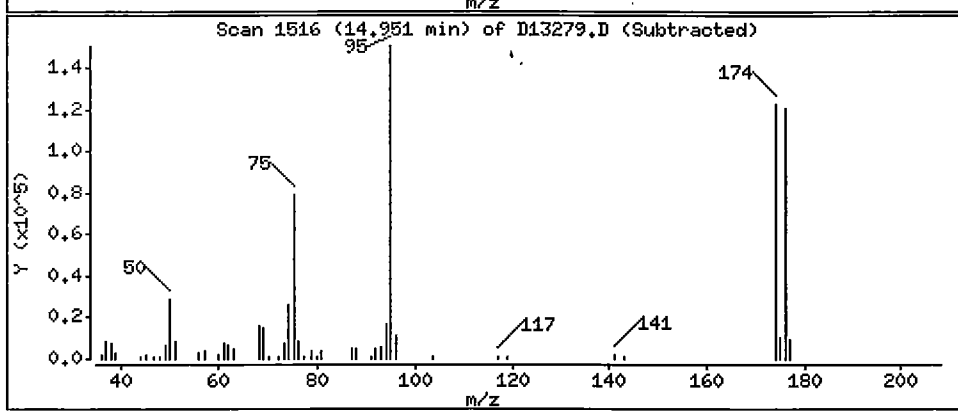
Column phase: J&W DB-624

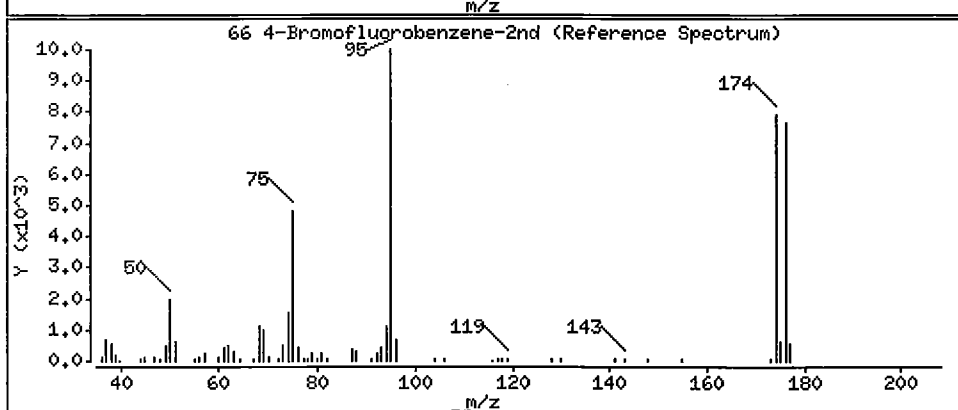
Column diameter: 0.53

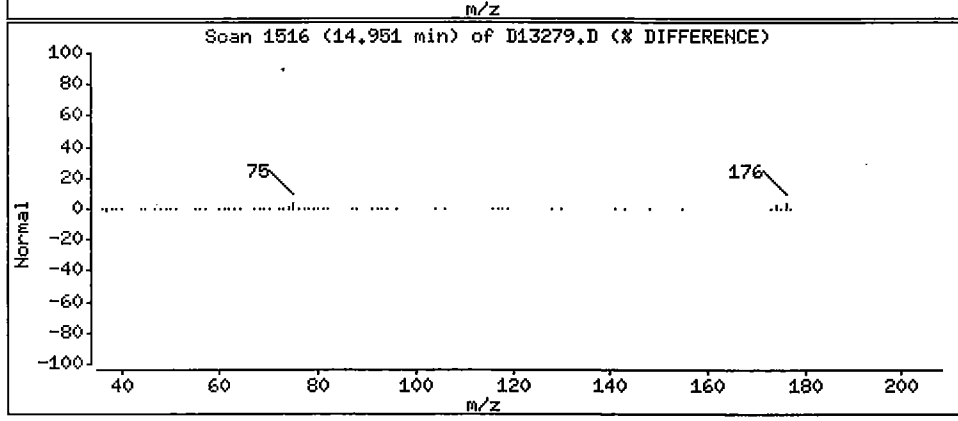
66 4-Bromofluorobenzene-2nd

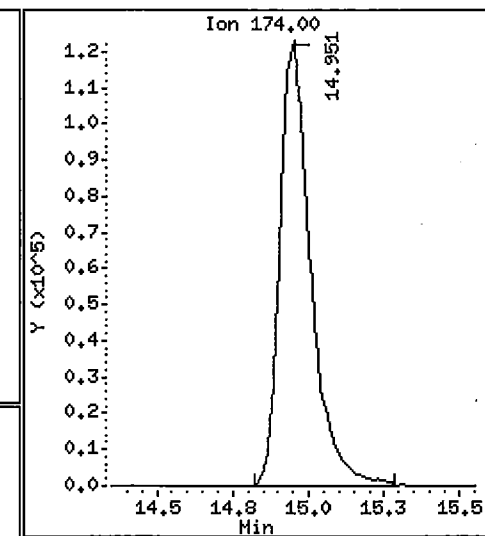
Concentration: 46.89 ug/Kg

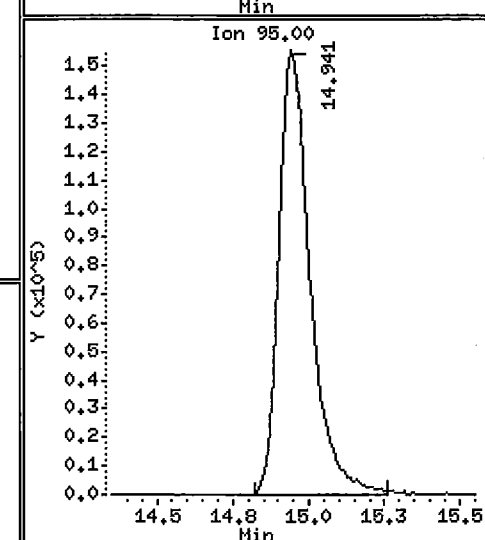


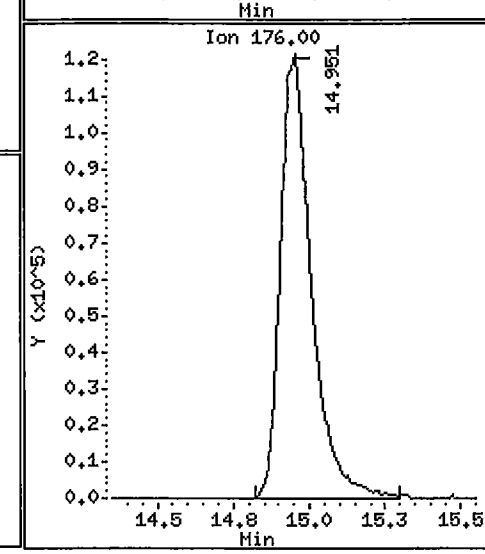












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13279.D

Date : 21-OCT-2000 15:51

Client ID: D13279

Instrument: md.i

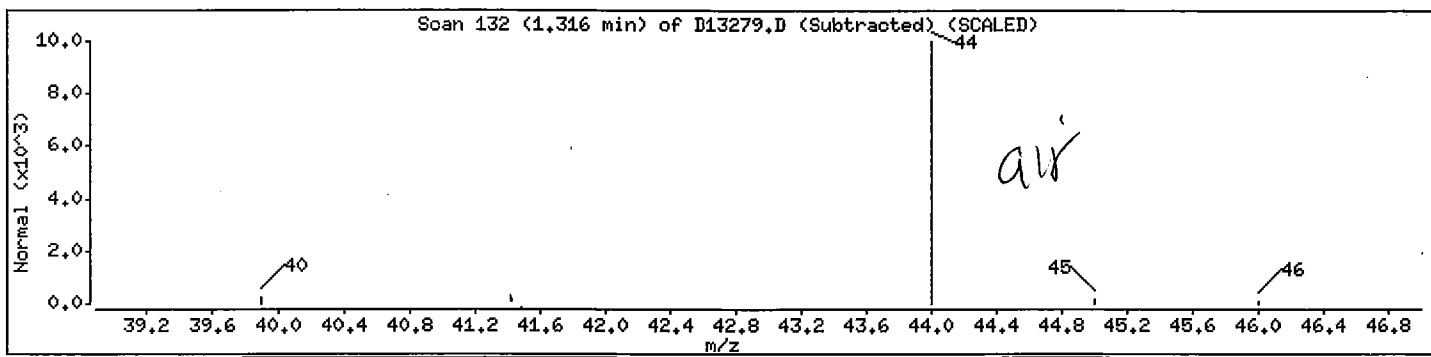
Sample Info: DLTD5101,,2,,0,1,0,8260BDA.M,D13279

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13282.D
Lab Smp Id: DLTD6101 Client Smp ID: D13282
Inj Date : 21-OCT-2000 17:36
Operator : GFB Inst ID: md.i
Smp Info : DLTD6101,,2,,0,1,0,8260BDA.M,D13282
Misc Info : 227-20,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.992	5.978	(0.843)	1041804	47.7618	47.76	
$ 33 1,2-Dichloroethane-d4	65	6.524	6.510	(0.918)	673251	45.7276	45.73	
34 1,2-Dichloroethane-d4 2nd	102	6.534	6.519	(0.920)	140480	47.2940	47.29	
* 38 Fluorobenzene	96	7.106	7.081	(1.000)	1533509	50.0000		
$ 47 Toluene-d8	98	9.923	9.918	(0.787)	1440362	44.8595	44.86	
* 56 Chlorobenzene-d5	117	12.613	12.608	(1.000)	1386986	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.938	14.953	(0.865)	922356	46.0667	46.07	
$ 67 4-Bromofluorobenzene	95	14.938	14.943	(0.865)	1198249	44.8392	44.84	
* 79 1,4-Dichlorobenzene-d4	152	17.263	17.268	(1.000)	1005536	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13282.D
Lab Smp Id: DLTD6101 Client Smp ID: D13282
Inj Date : 21-OCT-2000 17:36
Operator : GFB Inst ID: md.i
Smp Info : DLTD6101,,2,,0,1,0,8260BDA.M,D13282
Misc Info : 227-20,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.106	3486219	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	588394	8.43885329	8.44	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTD6101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13282
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

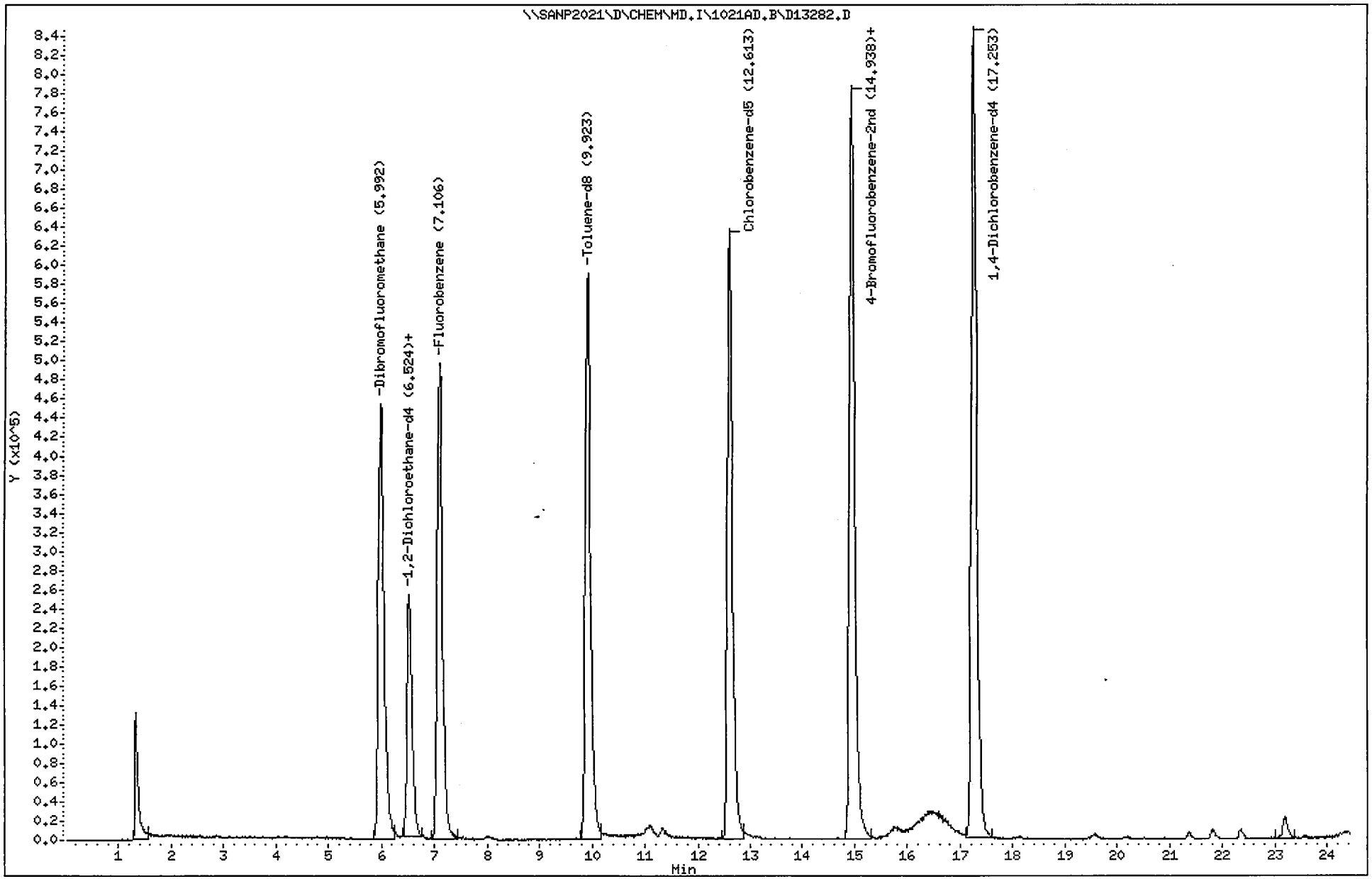
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.322	8.44	J

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13282.D
Date : 21-OCT-2000 17:36
Client ID: D13282
Sample Info: DLTD6101,,2,,0,1,0,8260BDA.M,D13282

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



000618

BOE-C6-0151041

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13282.D

Date : 21-OCT-2000 17:36

Client ID: D13282

Instrument: md.i

Sample Info: DLTD6101,,2,,0,1,0,8260BDA.M,D13282

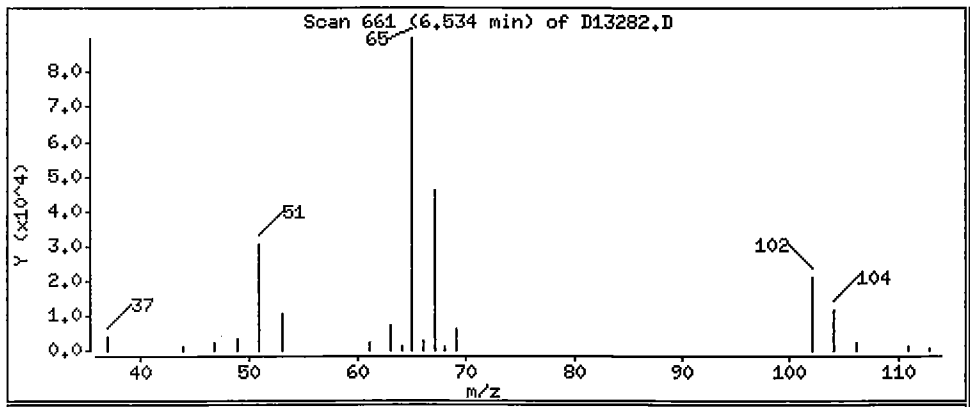
Operator: GFB

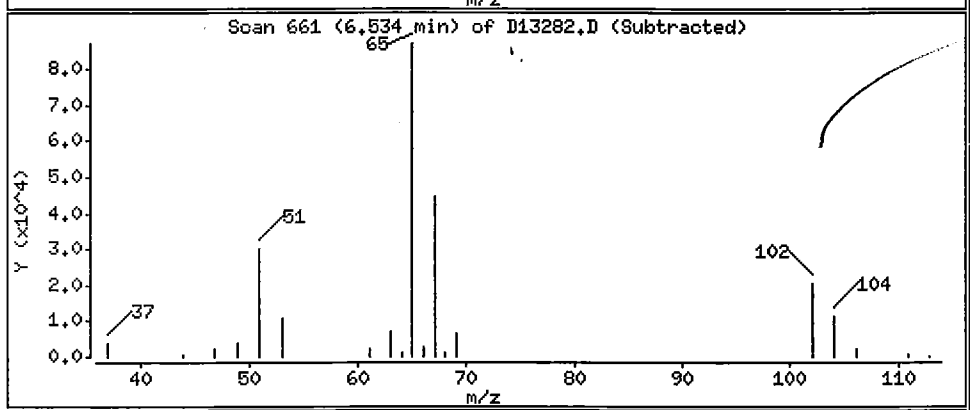
Column phase: J&W DB-624

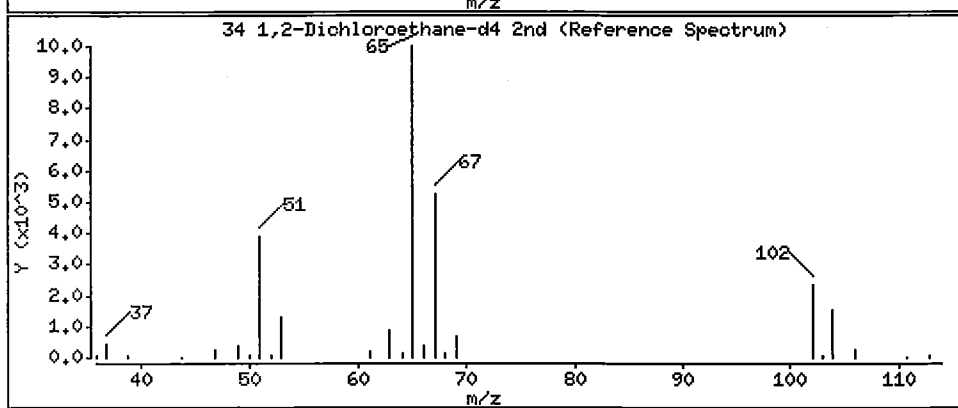
Column diameter: 0.53

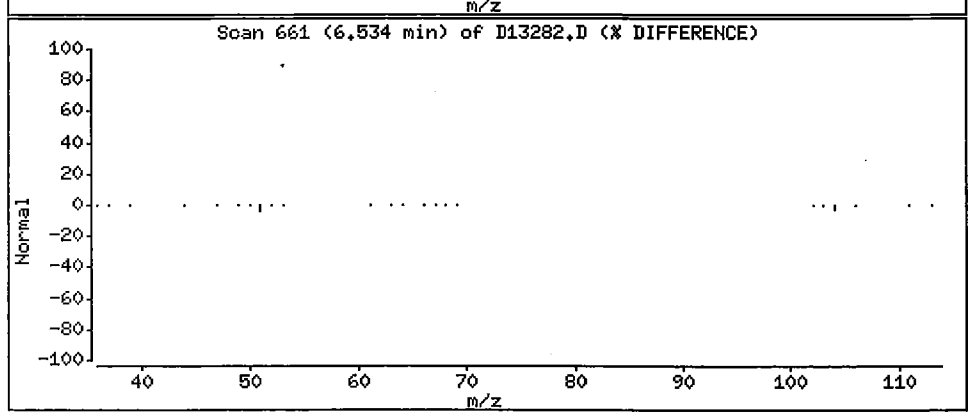
34 1,2-Dichloroethane-d4 2nd

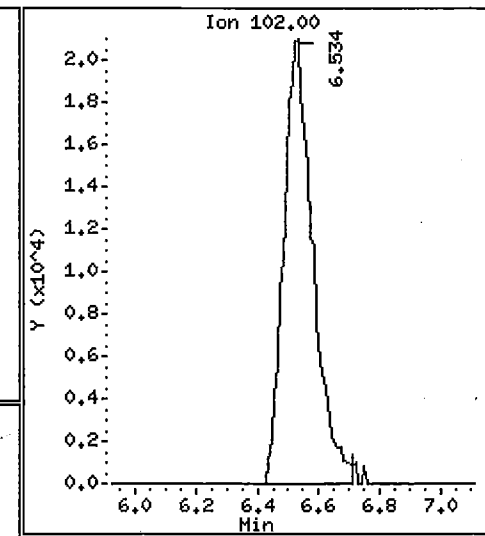
Concentration: 47.29 ug/Kg

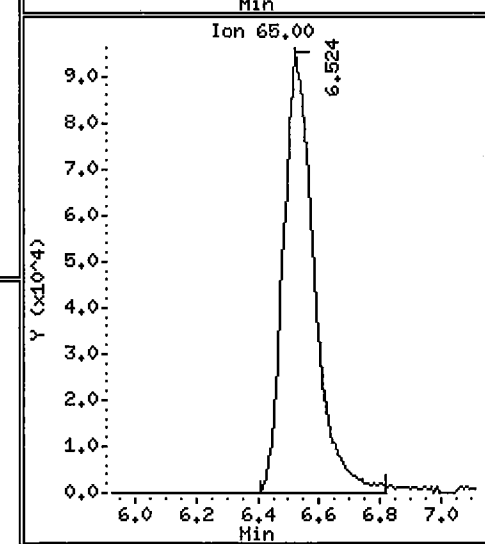












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13282.D

Date : 21-OCT-2000 17:36

Client ID: D13282

Instrument: md.i

Sample Info: DLTD6101,,2,,0,1,0,8260BDA.M,D13282

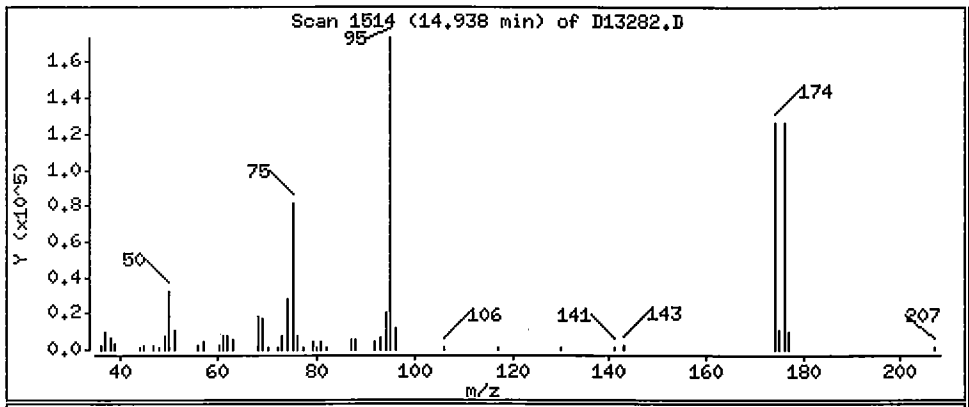
Operator: GFB

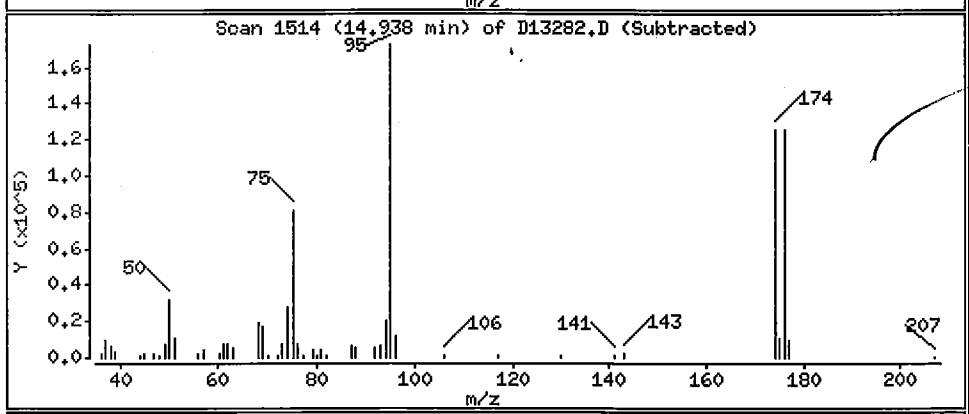
Column phase: J&W DB-624

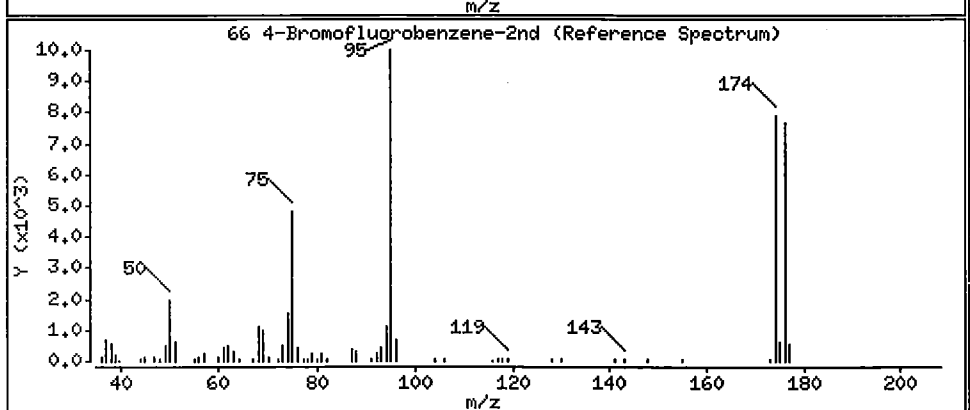
Column diameter: 0.53

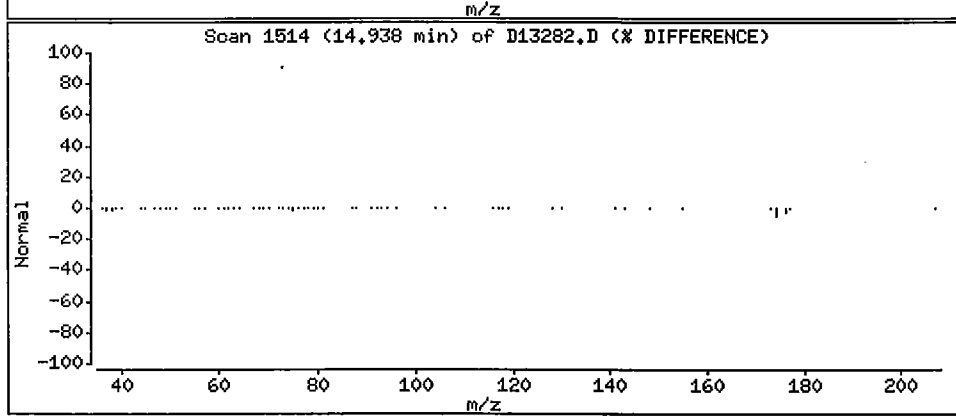
66 4-Bromofluorobenzene-2nd

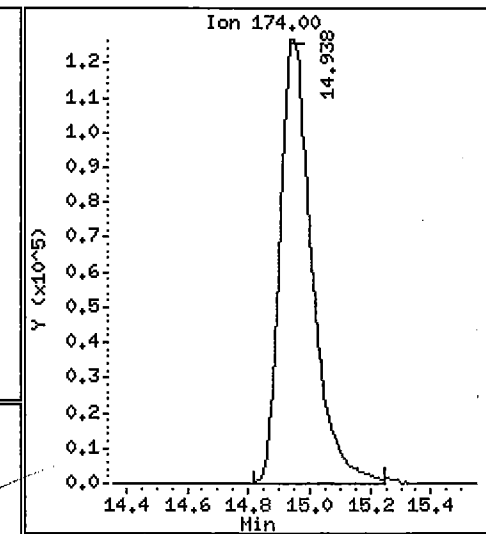
Concentration: 46.07 ug/Kg

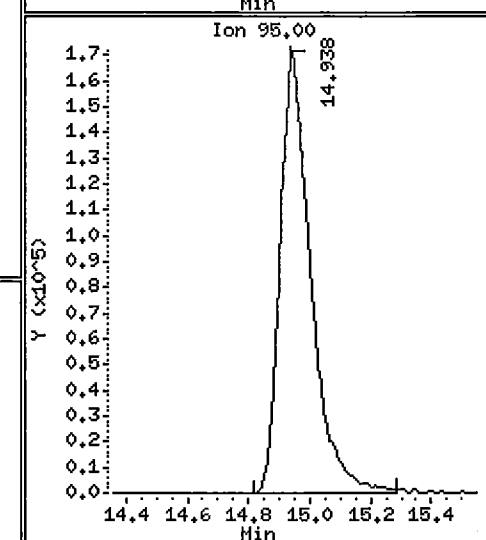


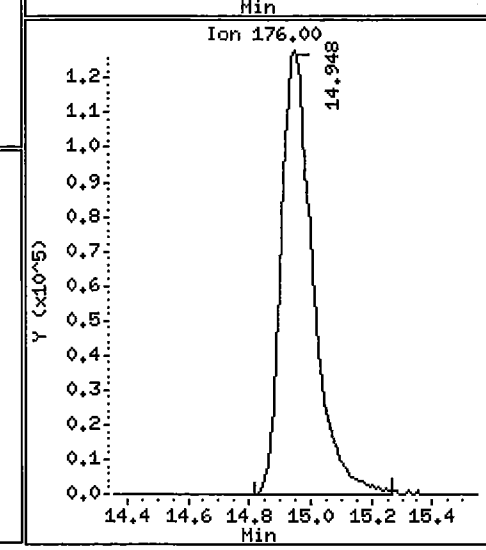












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13282.D

Date : 21-OCT-2000 17:36

Client ID: D13282

Instrument: md.i

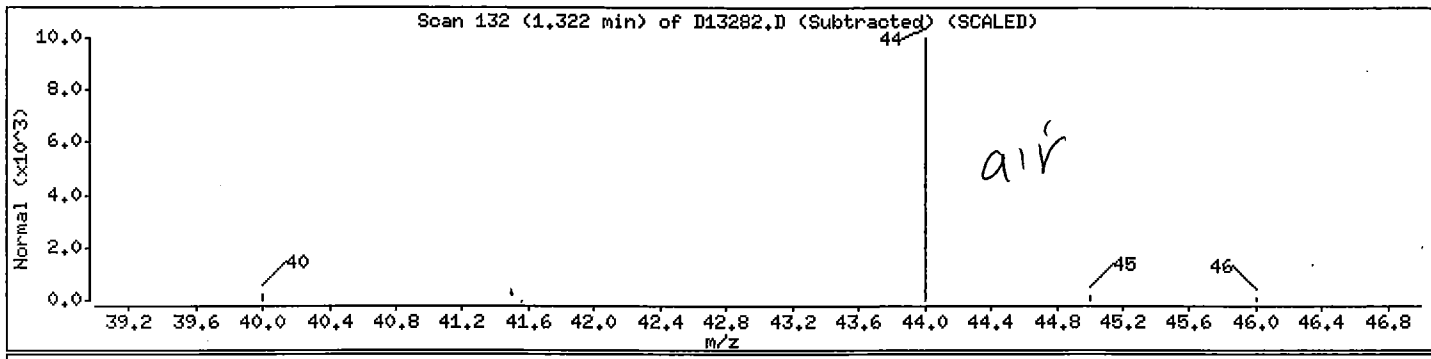
Sample Info: DLTD6101,,2,,0,1,0,8260BDA.M,D13282

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13283.D
Lab Smp Id: DLTD7101 Client Smp ID: D13283
Inj Date : 21-OCT-2000 18:07
Operator : GFB Inst ID: md.i
Smp Info : DLTD7101,,2,,0,1,0,8260BDA.M,D13283
Misc Info : 227-21,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.991	5.978	(0.843)	947333	45.5655	45.56
$ 33 1,2-Dichloroethane-d4	65	6.523	6.510	(0.918)	604977	43.1101	43.11
34 1,2-Dichloroethane-d4 2nd	102	6.543	6.519	(0.921)	124208	43.8713	43.87
36 1,2-Dichloroethane	62	7.105	6.648	(1.000)	24909	1.59473	1.59(aQ)
* 38 Fluorobenzene	96	7.105	7.081	(1.000)	1461666	50.0000	
$ 47 Toluene-d8	98	9.912	9.918	(0.787)	1359860	46.1648	46.16
* 56 Chlorobenzene-d5	117	12.602	12.608	(1.000)	1272442	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.947	14.953	(0.866)	841260	46.2537	46.25
$ 67 4-Bromofluorobenzene	95	14.947	14.943	(0.866)	1087943	44.8172	44.82
* 79 1,4-Dichlorobenzene-d4	152	17.252	17.268	(1.000)	913419	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13283.D
Lab Smp Id: DLTD7101 Client Smp ID: D13283
Inj Date : 21-OCT-2000 18:07
Operator : GFB Inst ID: md.i
Smp Info : DLTD7101,,2,,0,1,0,8260BDA.M,D13283
Misc Info : 227-21,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.105	3363153	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.321	557197	8.28384628	8.28	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTD7101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13283
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

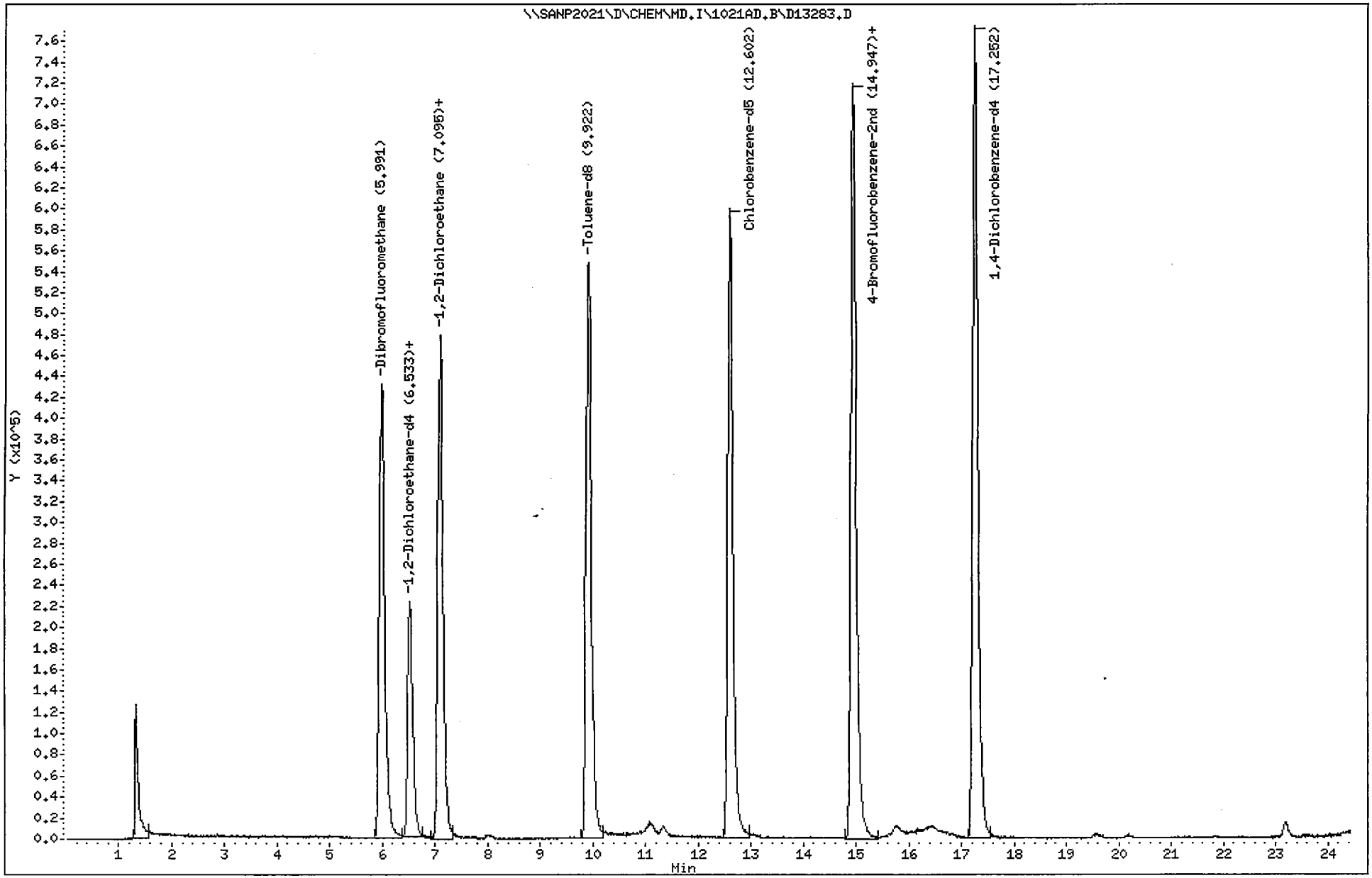
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown air	1.321	8.28	J

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13283.D
Date : 21-OCT-2000 18:07
Client ID: D13283
Sample Info: DLTD7101,,2,,0,1,0,8260BDA.M,D13283

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



BOE-C6-0151049

000626

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13283.D

Date : 21-OCT-2000 18:07

Client ID: D13283

Instrument: md.i

Sample Info: DLTD7101,,2,,0,1,0,8260BDA.M,D13283

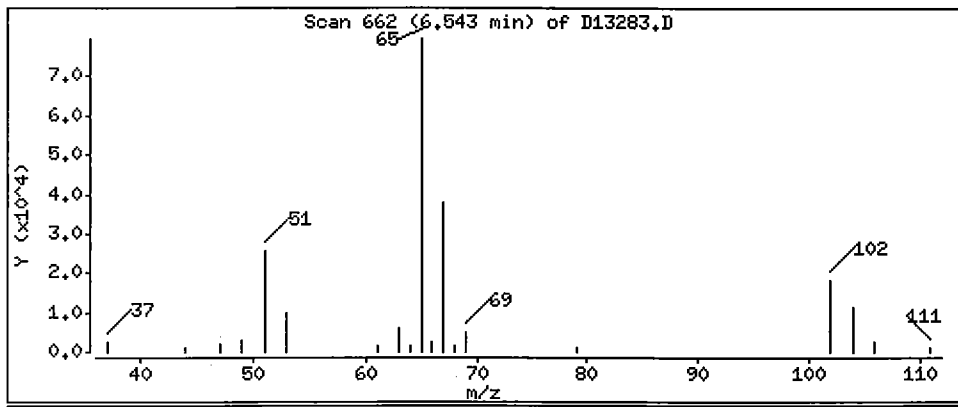
Operator: GFB

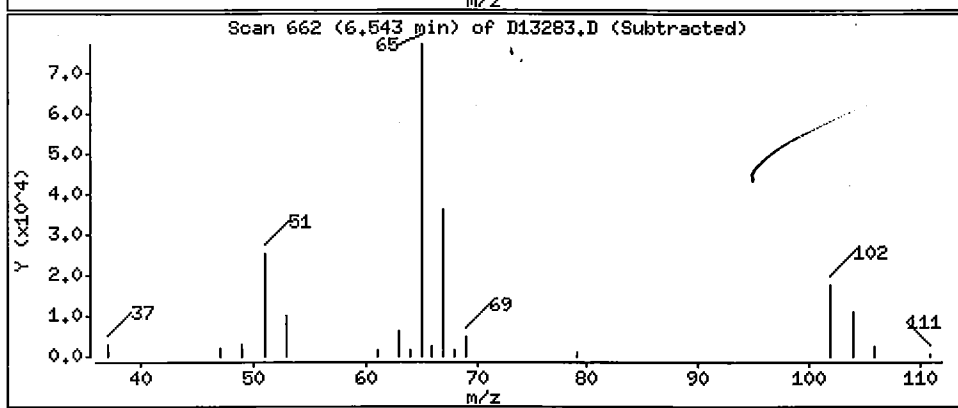
Column phase: J&W DB-624

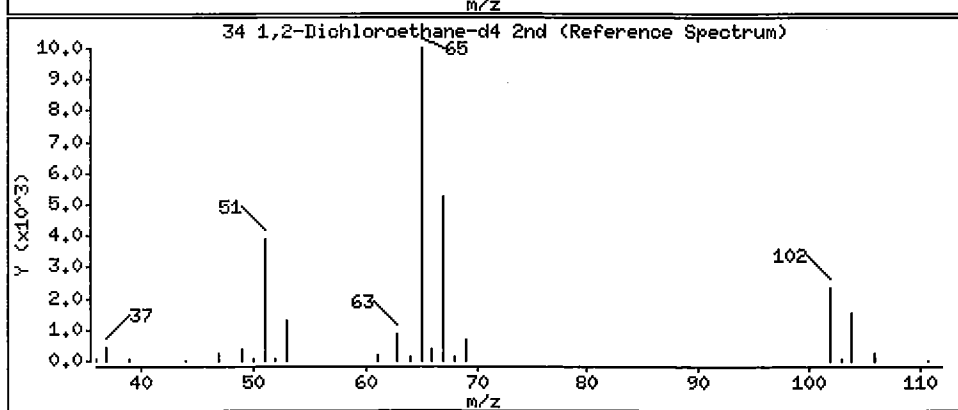
Column diameter: 0.53

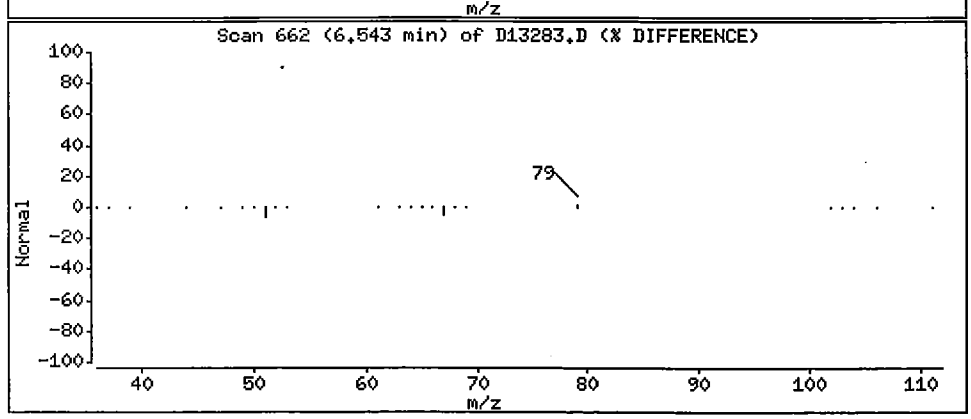
34 1,2-Dichloroethane-d4 2nd

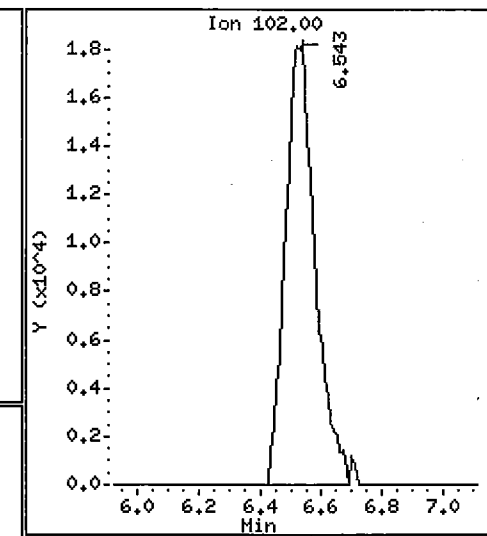
Concentration: 43.87 ug/Kg

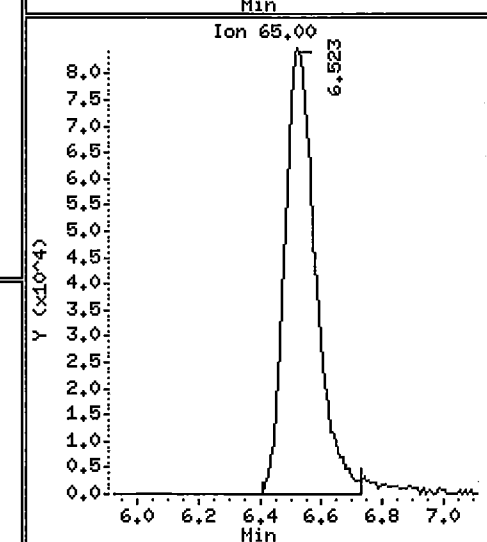












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13283.D

Date : 21-OCT-2000 18:07

Client ID: D13283

Instrument: md.i

Sample Info: DLTD7101,,2,,0,1,0,8260BDA.M,D13283

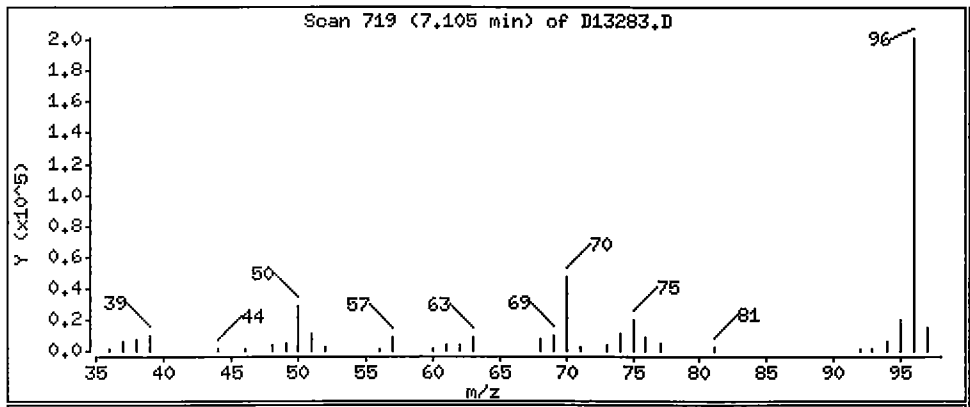
Operator: GFB

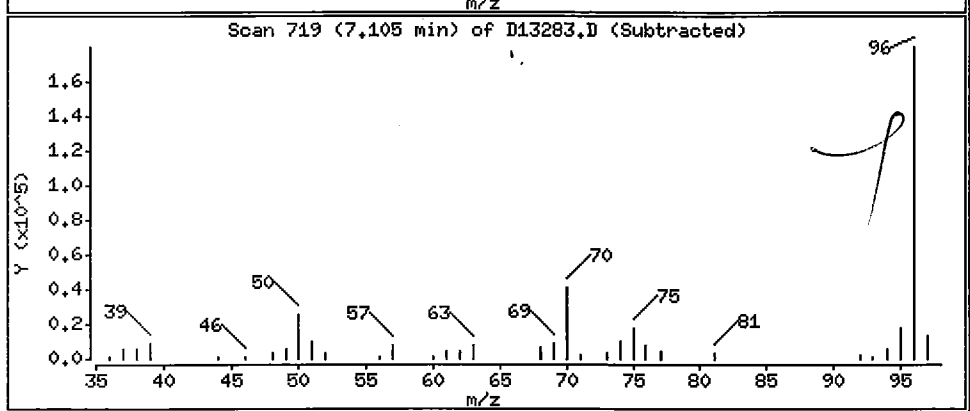
Column phase: J&W DB-624

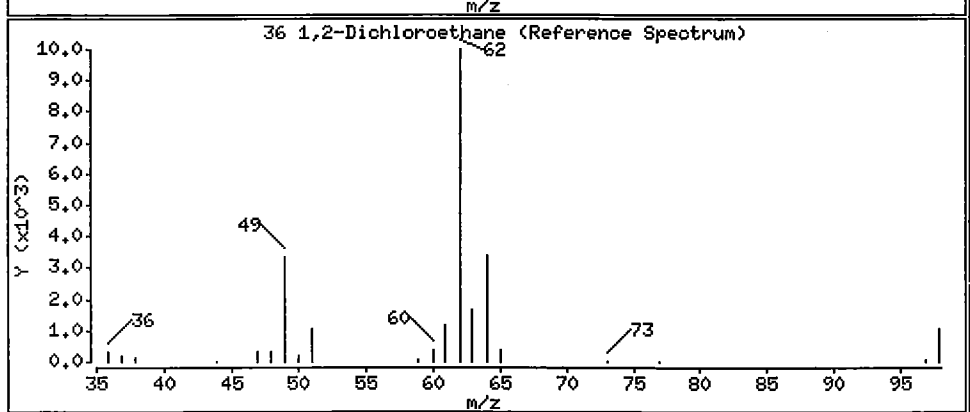
Column diameter: 0.53

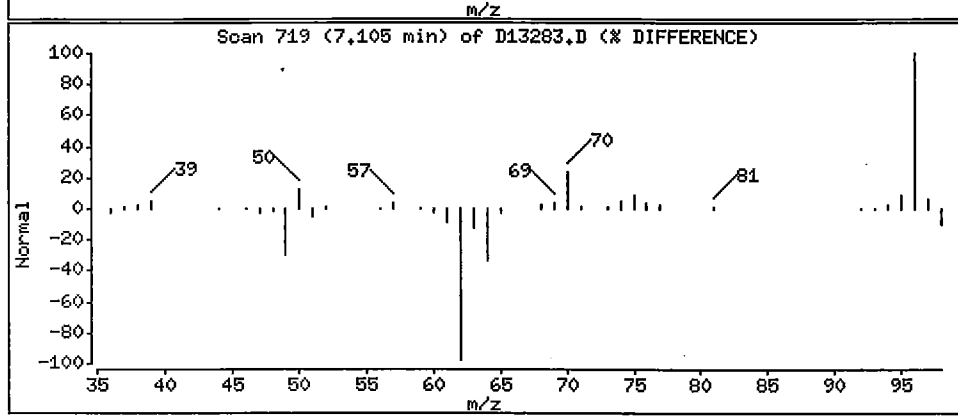
36 1,2-Dichloroethane

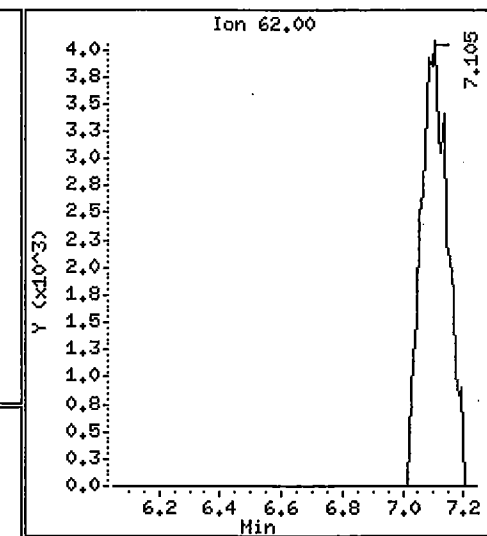
Concentration: 1.59 ug/Kg

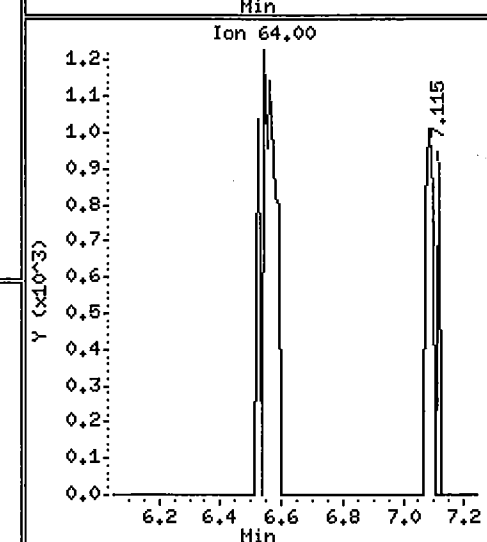


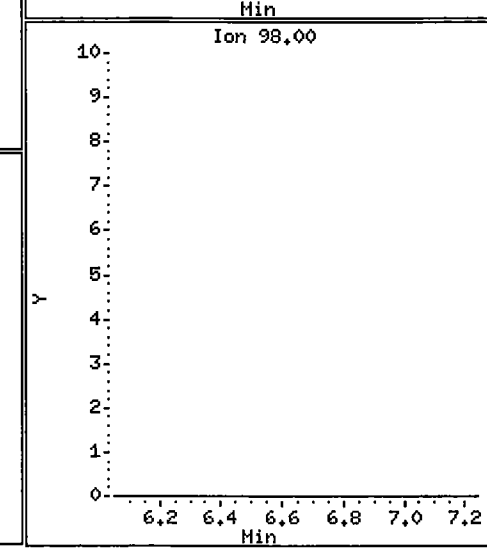












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13283.D

Date : 21-OCT-2000 18:07

Client ID: D13283

Instrument: md.i

Sample Info: DLTD7101,,2,,0,1,0,8260BDA,M,D13283

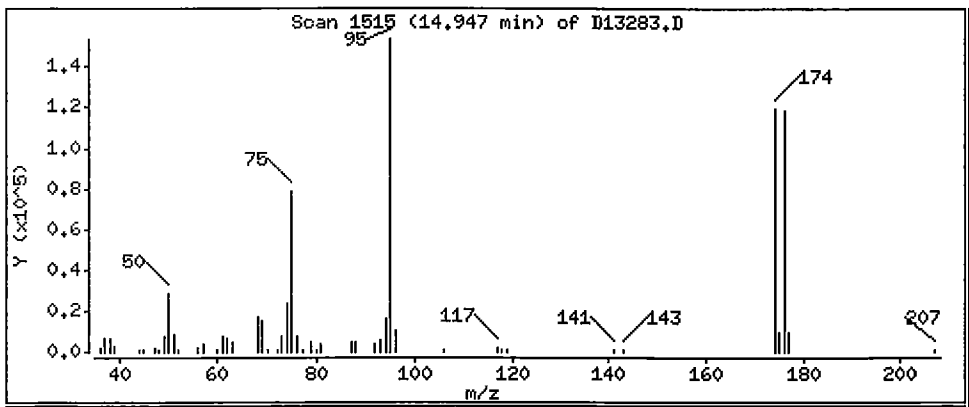
Operator: GFB

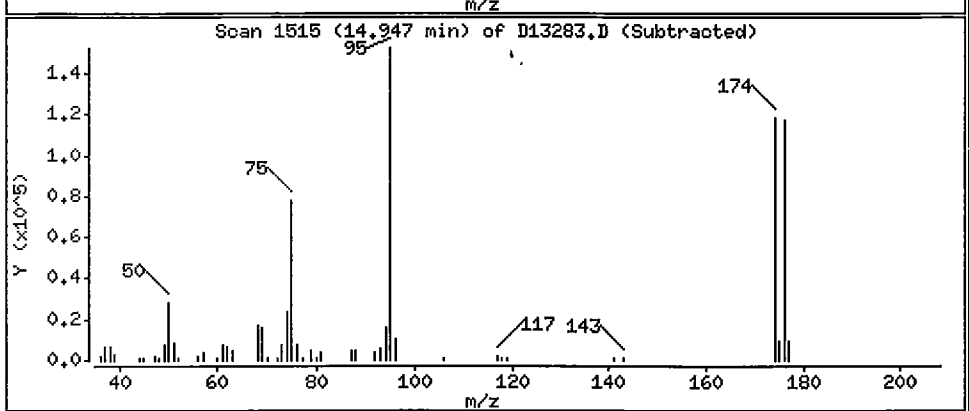
Column phase: J&W DB-624

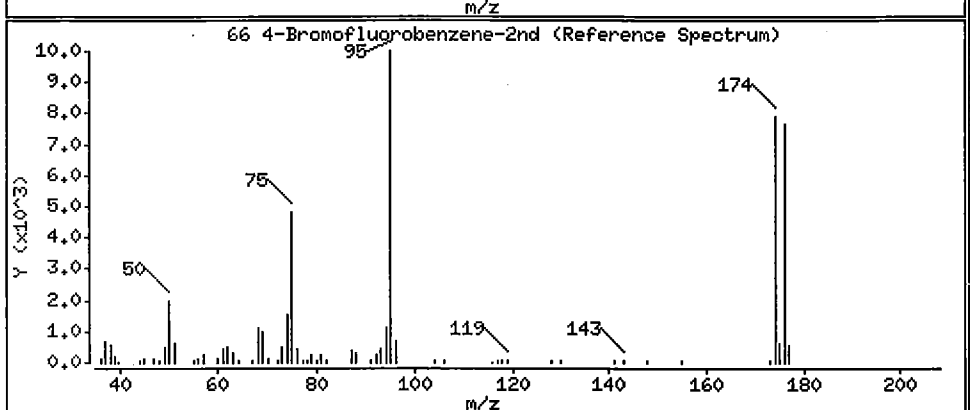
Column diameter: 0.53

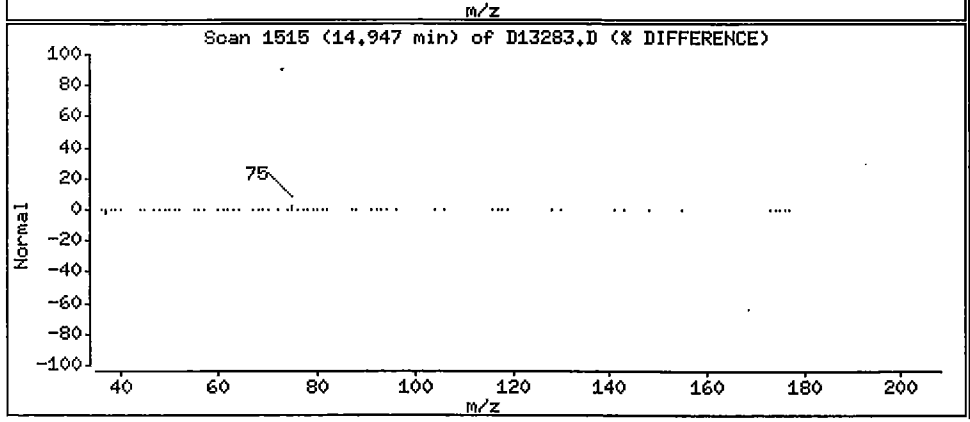
66 4-Bromofluorobenzene-2nd

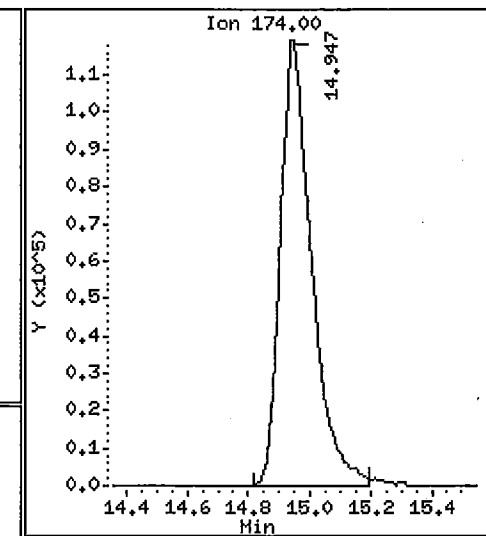
Concentration: 46.25 ug/Kg

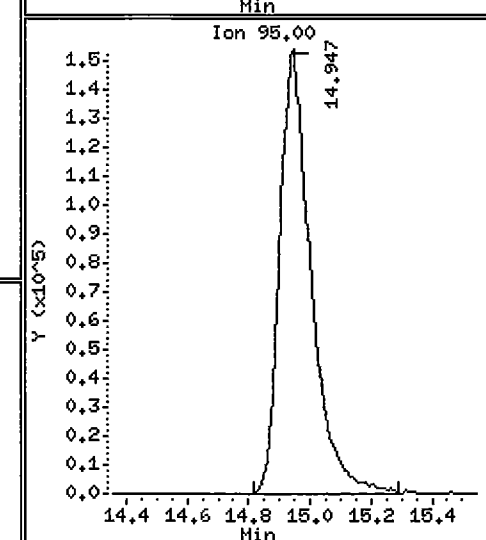


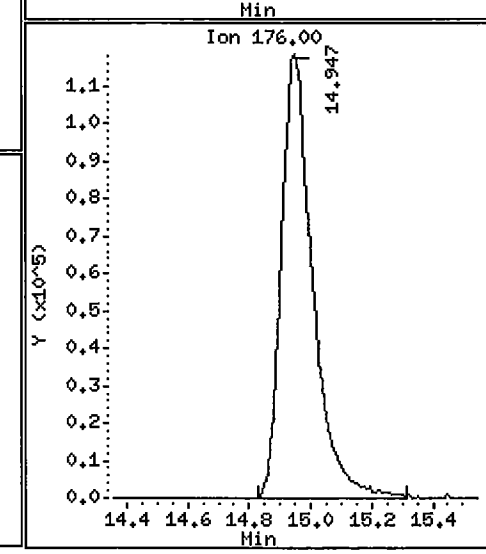












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13283.D

Date : 21-OCT-2000 18:07

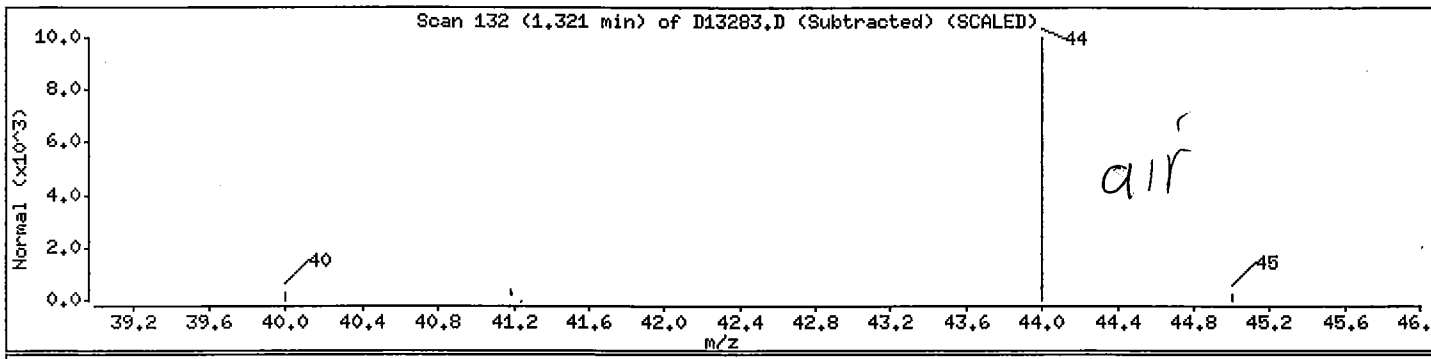
Client ID: D13283 Instrument: md.i

Sample Info: DLTD7101,,2,,0,1,0,8260BDA.M,D13283

Operator: GFB

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13284.D
Lab Smp Id: DLTD9101 Client Smp ID: D13284
Inj Date : 21-OCT-2000 18:39
Operator : GFB Inst ID: md.i
Smp Info : DLTD9101,,2,,0,1,0,8260BDA.M,D13284
Misc Info : 227-22,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.968	5.978	(0.843)	938288	45.6120	45.61
$ 33 1,2-Dichloroethane-d4	65	6.510	6.510	(0.919)	597755	43.0500	43.05
34 1,2-Dichloroethane-d4 2nd	102	6.510	6.519	(0.919)	126244	45.0662	45.07
* 38 Fluorobenzene	96	7.081	7.081	(1.000)	1446234	50.0000	
$ 47 Toluene-d8	98	9.909	9.918	(0.787)	1354590	45.1598	45.16
* 56 Chlorobenzene-d5	117	12.599	12.608	(1.000)	1295718	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.943	14.953	(0.866)	861700	47.5758	47.58
$ 67 4-Bromofluorobenzene	95	14.943	14.943	(0.866)	1099126	45.4674	45.47
* 79 1,4-Dichlorobenzene-d4	152	17.249	17.268	(1.000)	909612	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13284.D
Lab Smp Id: DLTD9101 Client Smp ID: D13284
Inj Date : 21-OCT-2000 18:39
Operator : GFB Inst ID: md.i
Smp Info : DLTD9101,,2,,0,1,0,8260BDA.M,D13284
Misc Info : 227-22,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.081	3332739	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.318	564185	8.46429041	8.46	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTD9101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13284
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ alk	1.318	8.46	J

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13284.D

Date : 21-OCT-2000 18:39

Client ID: D13284

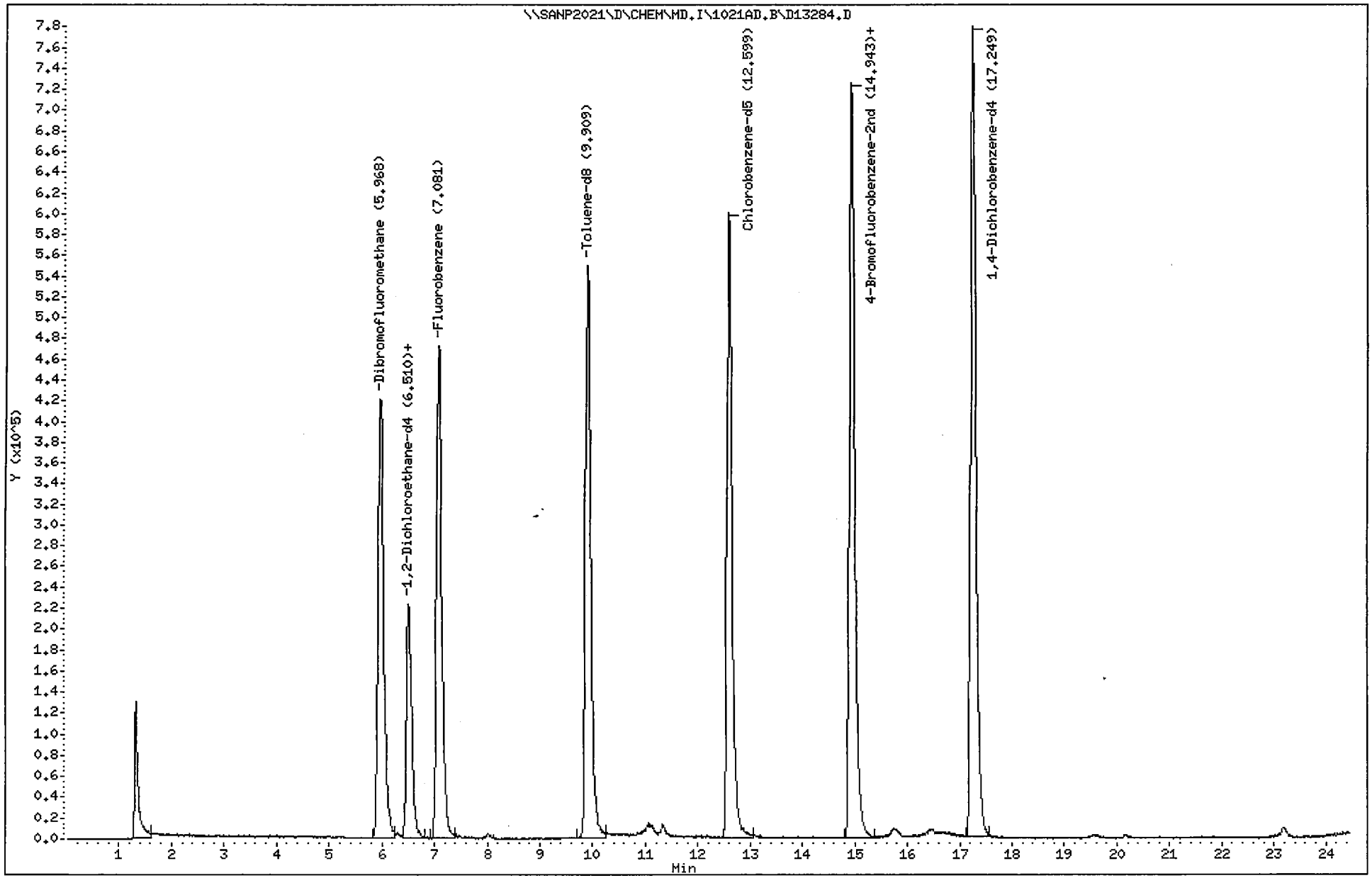
Sample Info: DLTD9101,,2,,0,1,0,8260BDA.M,D13284

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000634

BOE-C6-0151057

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13284.D

Date : 21-OCT-2000 18:39

Client ID: D13284

Instrument: md.i

Sample Info: DLTD9101,,2,,0,1,0,8260BDA,M,D13284

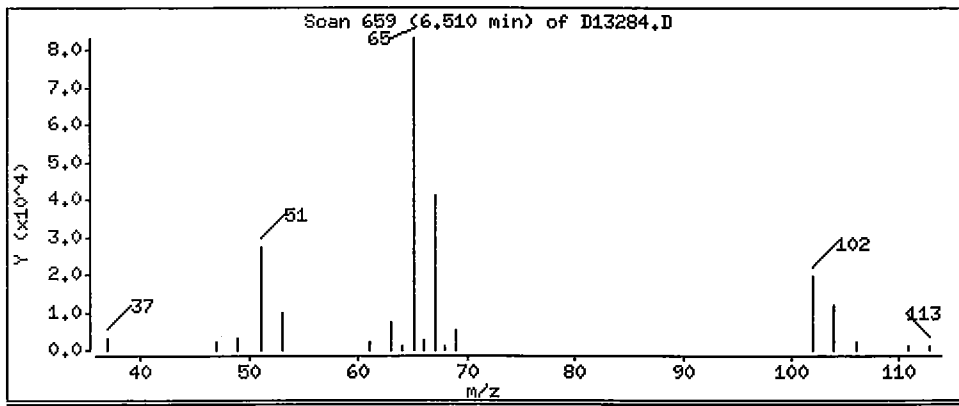
Operator: GFB

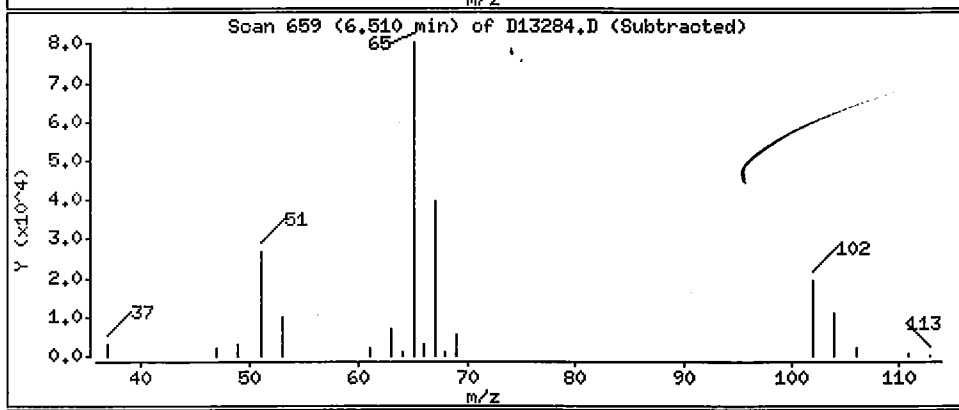
Column phase: J&W DB-624

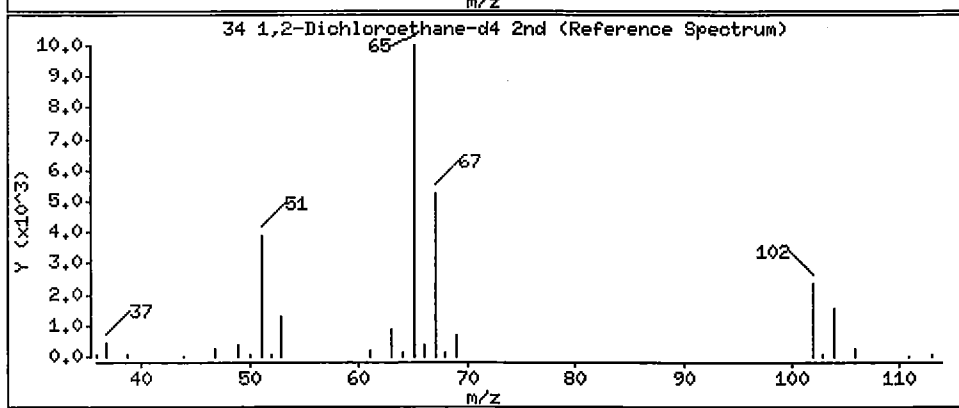
Column diameter: 0.53

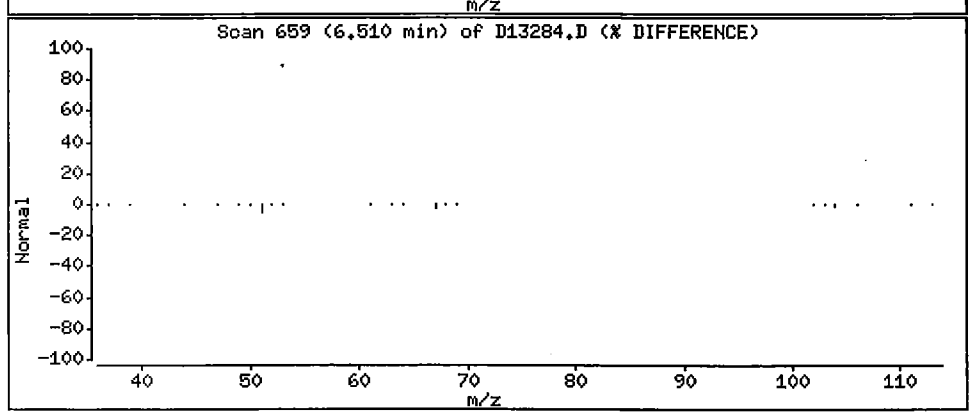
34 1,2-Dichloroethane-d4 2nd

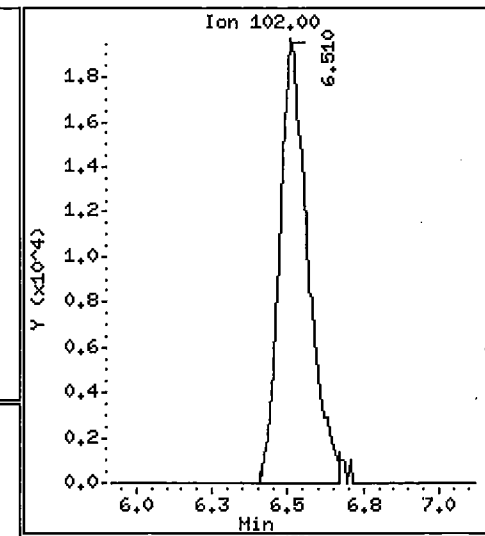
Concentration: 45.07 ug/Kg

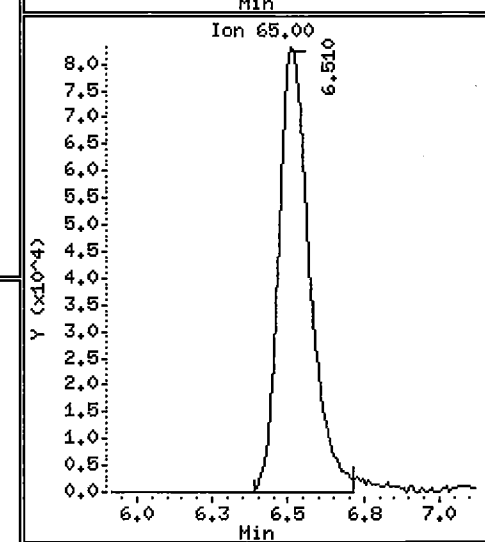












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13284.D

Date : 21-OCT-2000 18:39

Client ID: D13284

Instrument: md.i

Sample Info: DLTD9101,,2,,0,1,0,8260BDA.M,D13284

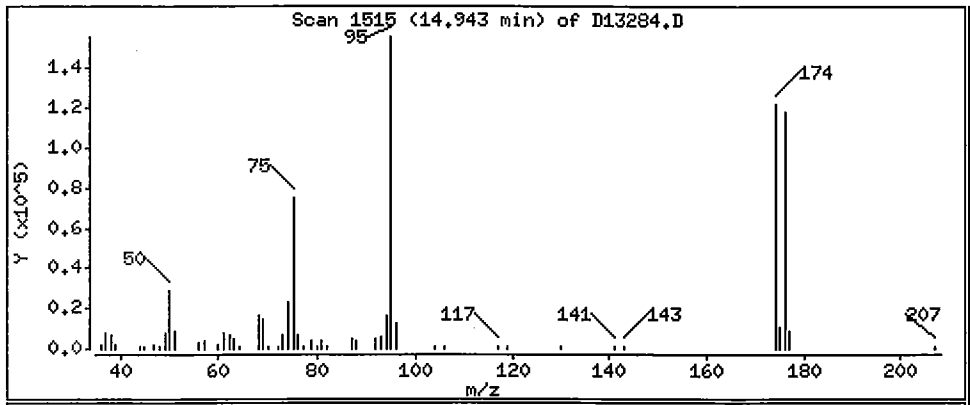
Operator: GFB

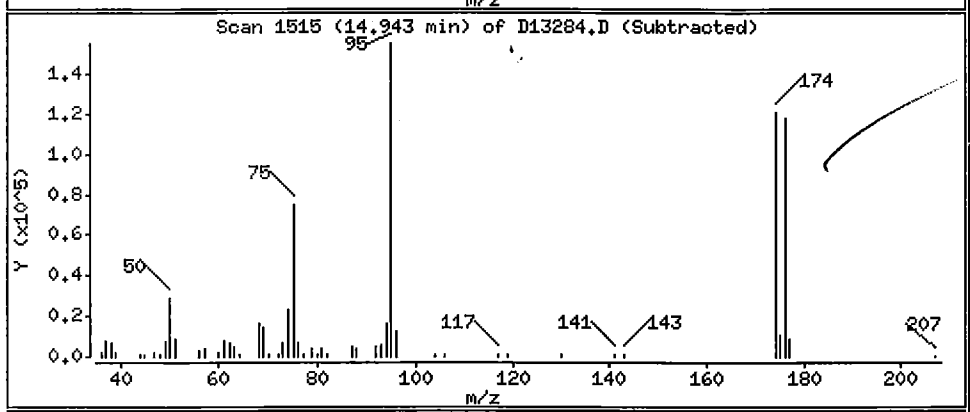
Column phase: J&W DB-624

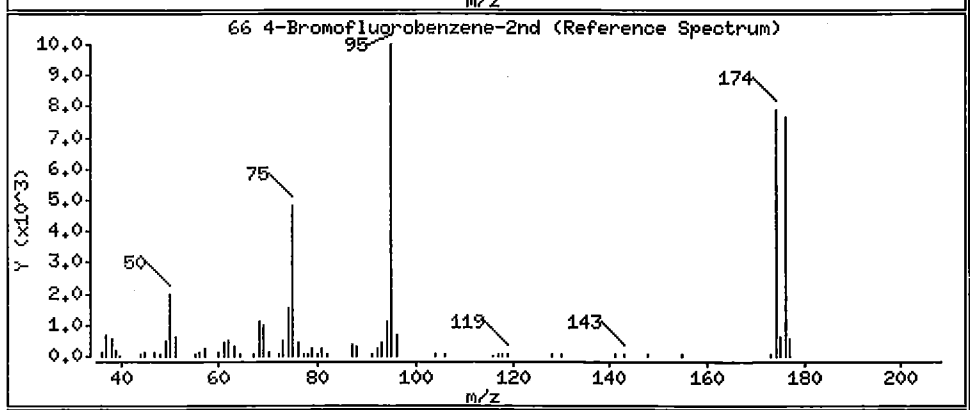
Column diameter: 0.53

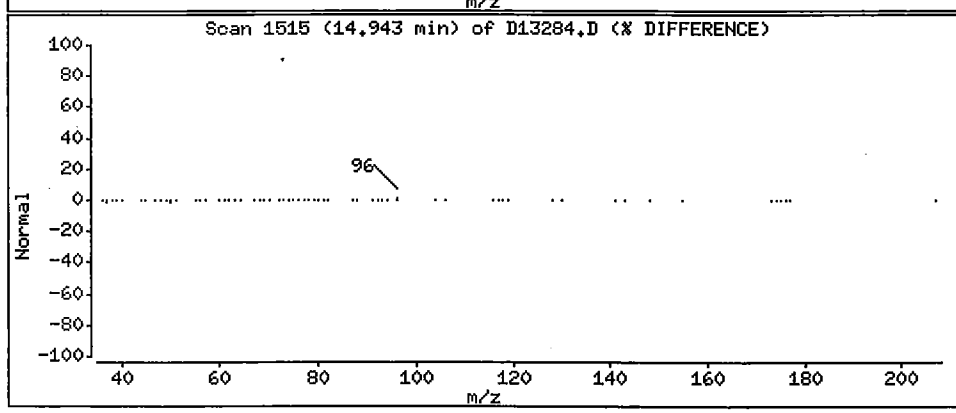
66 4-Bromofluorobenzene-2nd

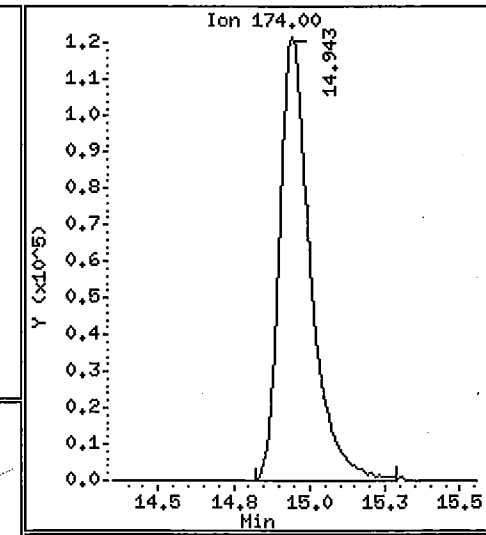
Concentration: 47.58 ug/Kg

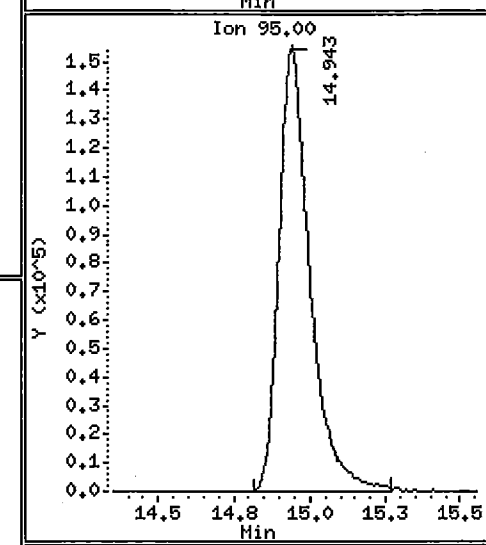


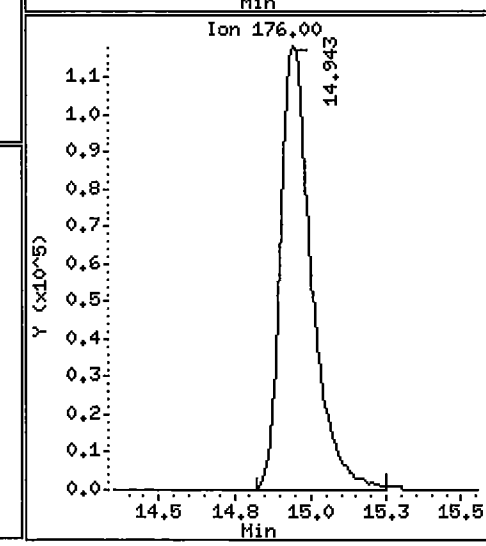












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13284.D

Date : 21-OCT-2000 18:39

Client ID: D13284

Instrument: md.i

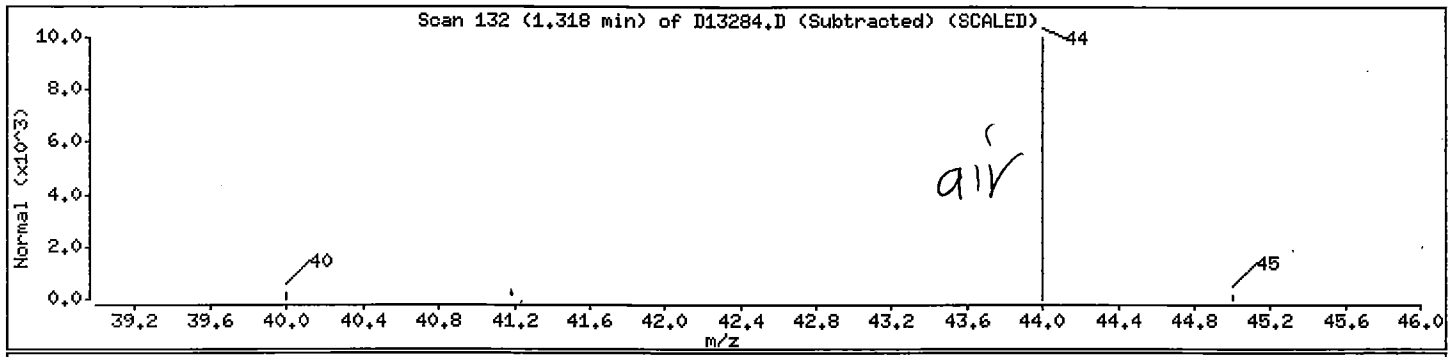
Sample Info: DLTD9101,,2,,0,1,0,8260BDA.M,D13284

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13285.D
Lab Smp Id: DLTDC101 Client Smp ID: D13285
Inj Date : 21-OCT-2000 19:11
Operator : GFB Inst ID: md.i
Smp Info : DLTDC101,,2,,0,1,0,8260BDA.M,D13285
Misc Info : 227-23,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.835	2.864	(0.400)	7953	5.01033	5.01
$ 29 Dibromofluoromethane	111	5.968	5.978	(0.842)	928028	45.4997	45.50
$ 33 1,2-Dichloroethane-d4	65	6.510	6.510	(0.918)	594403	43.1754	43.18
34 1,2-Dichloroethane-d4 2nd	102	6.520	6.519	(0.919)	122158	43.9812	43.98
* 38 Fluorobenzene	96	7.091	7.081	(1.000)	1433947	50.0000	
$ 47 Toluene-d8	98	9.919	9.918	(0.787)	1315325	45.2593	45.26
* 56 Chlorobenzene-d5	117	12.609	12.608	(1.000)	1255392	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.944	14.953	(0.866)	825422	46.6953	46.70
$ 67 4-Bromofluorobenzene	95	14.944	14.943	(0.866)	1057233	44.8116	44.81
* 79 1,4-Dichlorobenzene-d4	152	17.259	17.268	(1.000)	887748	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13285.D
Lab Smp Id: DLTDC101 Client Smp ID: D13285
Inj Date : 21-OCT-2000 19:11
Operator : GFB Inst ID: md.i
Smp Info : DLTDC101,,2,,0,1,0,8260BDA.M,D13285
Misc Info : 227-23,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.091	3209601	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.318	542057	8.44431190	8.44	0		0	38

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: D13285.D
Lab Smp Id: DLTDC101
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Misc Info: 227-23,,5,,0,ALL.SUB

Calibration Date: 21-OCT-2000
Calibration Time: 11:50
Client Smp ID: D13285
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1652320	826160	3304640	1433947	-13.22
56 Chlorobenzene-d5	1427102	713551	2854204	1255392	-12.03
79 1,4-Dichlorobenze	1050231	525116	2100462	887748	-15.47

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.08	6.58	7.58	7.09	0.15
56 Chlorobenzene-d5	12.61	12.11	13.11	12.61	0.00
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.26	-0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTDC101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13285
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ a'V	1.318	8.44	J

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13285.D

Date : 21-OCT-2000 19:11

Client ID: D13285

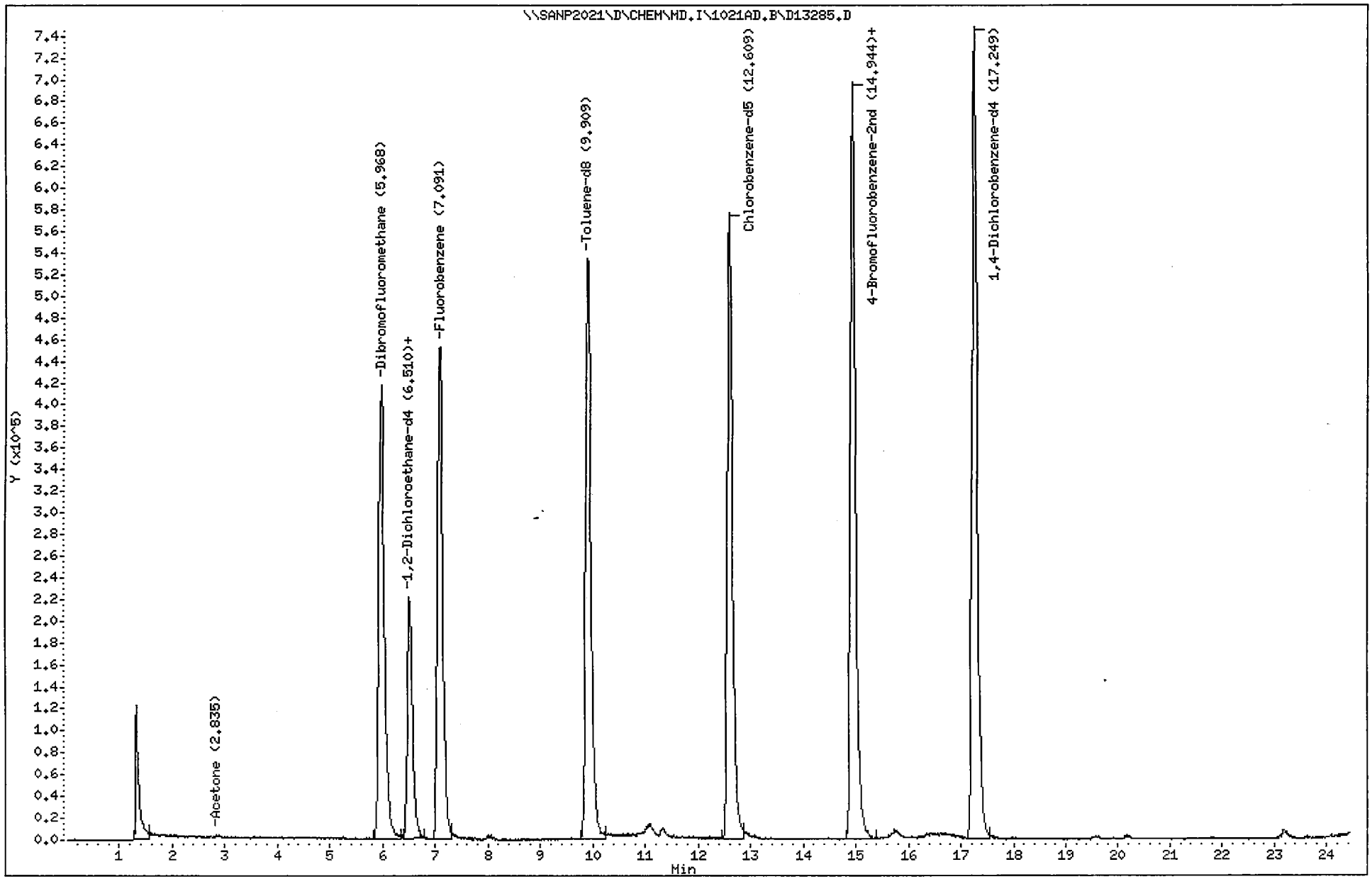
Sample Info: DLTDC101,,2,,0,1,0,8260BDA.M,D13285

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000643

BOE-C6-0151066

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13285.D

Date : 21-OCT-2000 19:11

Client ID: D13285

Instrument: md.i

Sample Info: DLTDC101,,2,,0,1,0,8260BDA.M,D13285

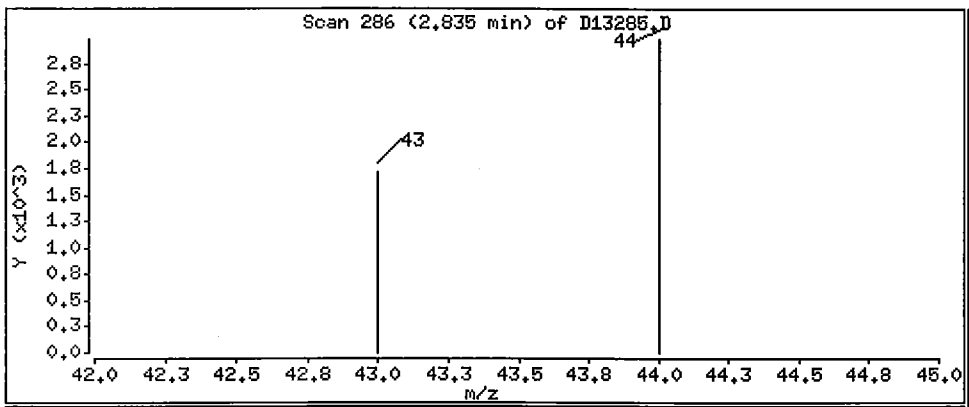
Operator: GFB

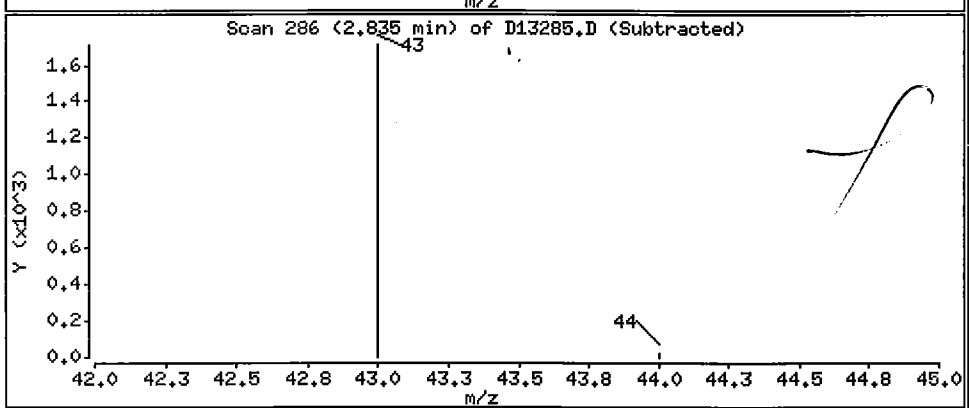
Column phase: J&W DB-624

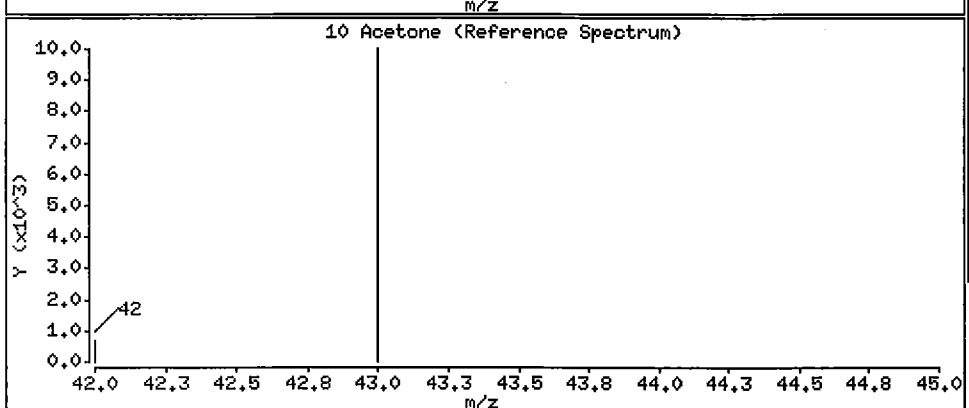
Column diameter: 0.53

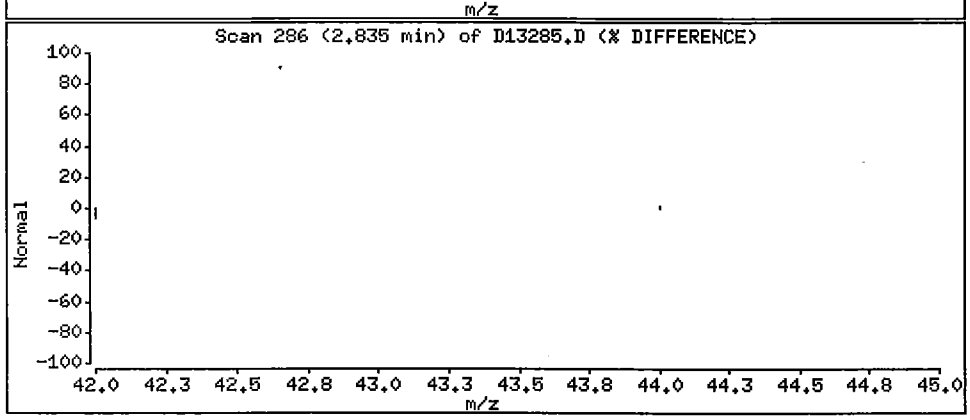
10 Acetone

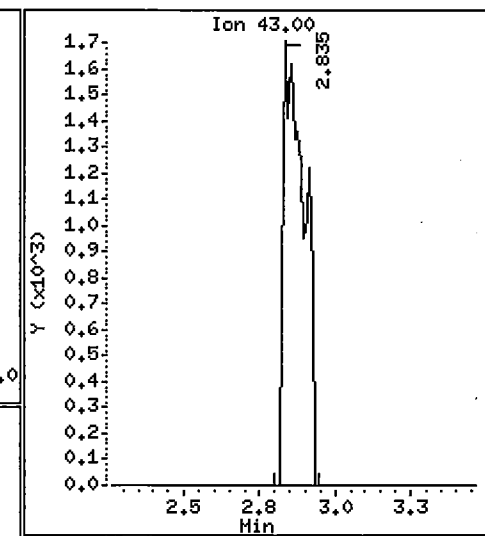
Concentration: 5.01 ug/Kg

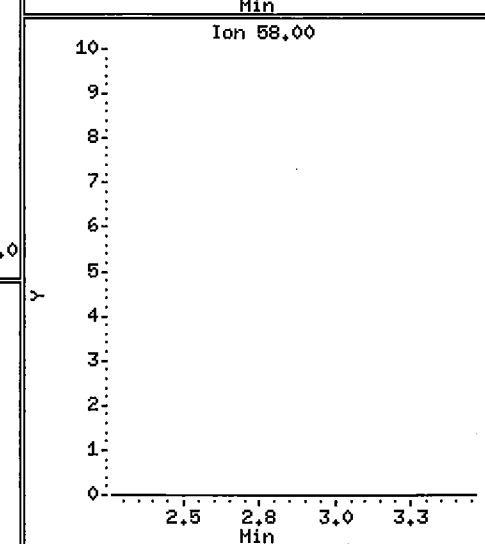












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13285.D

Date : 21-OCT-2000 19:11

Client ID: D13285

Instrument: md.i

Sample Info: DLTDC101,,2,,0,1,0,8260BDA.M,D13285

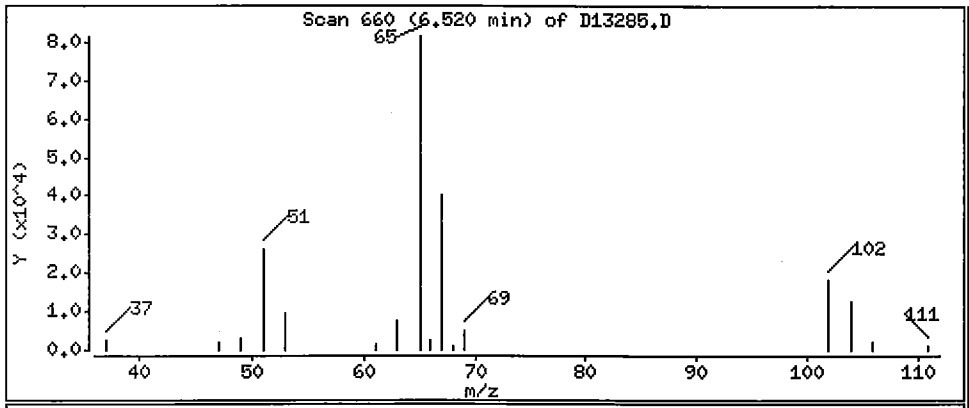
Operator: GFB

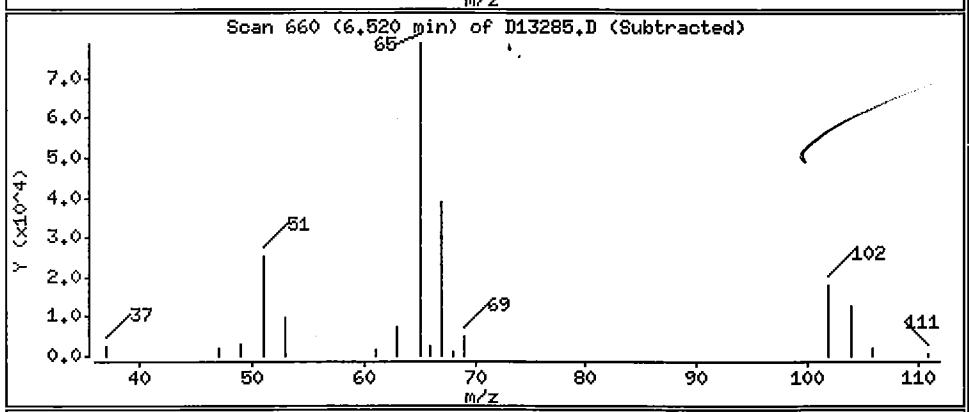
Column phase: J&W DB-624

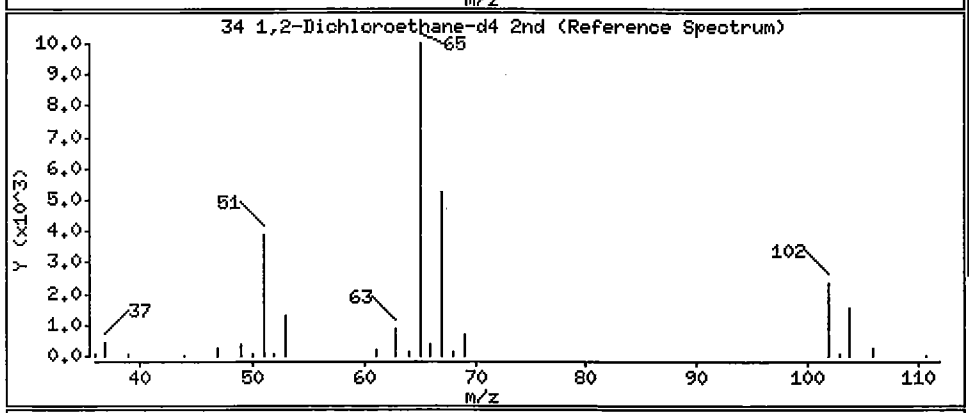
Column diameter: 0.53

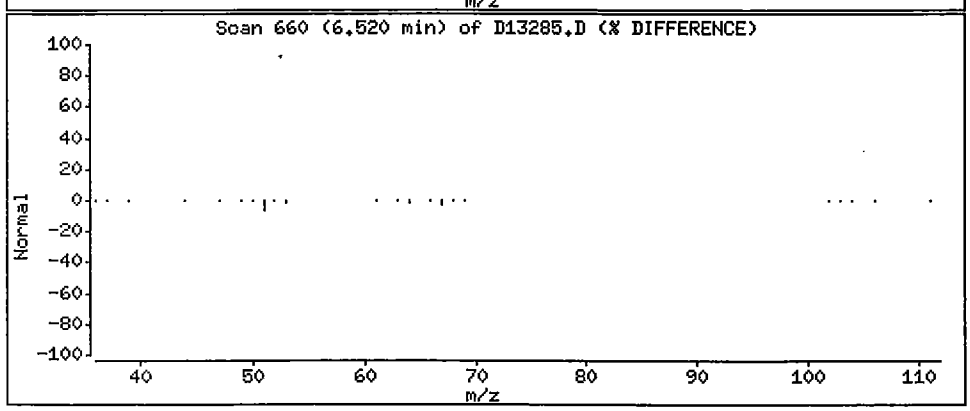
34 1,2-Dichloroethane-d4 2nd

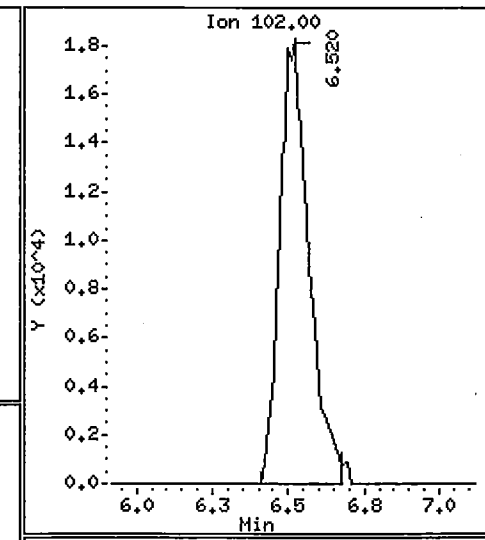
Concentration: 43.98 ug/Kg

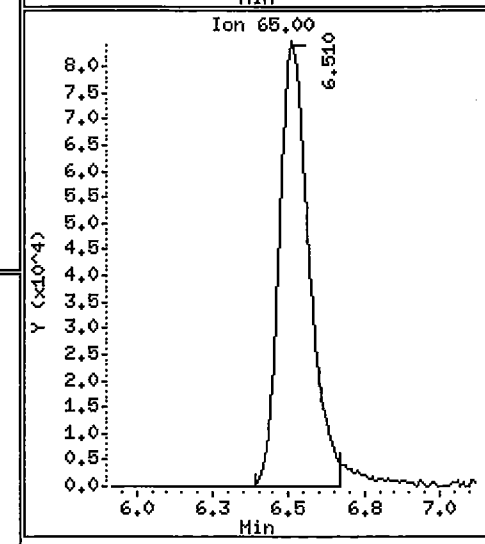












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13285.D

Date : 21-OCT-2000 19:11

Client ID: D13285

Instrument: md.i

Sample Info: DLTDC101,,2,,0,1,0,8260BDA.M,D13285

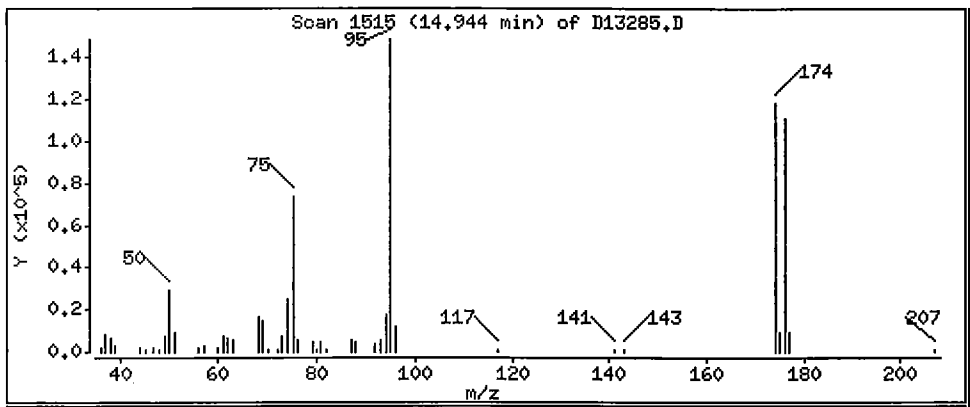
Operator: GFB

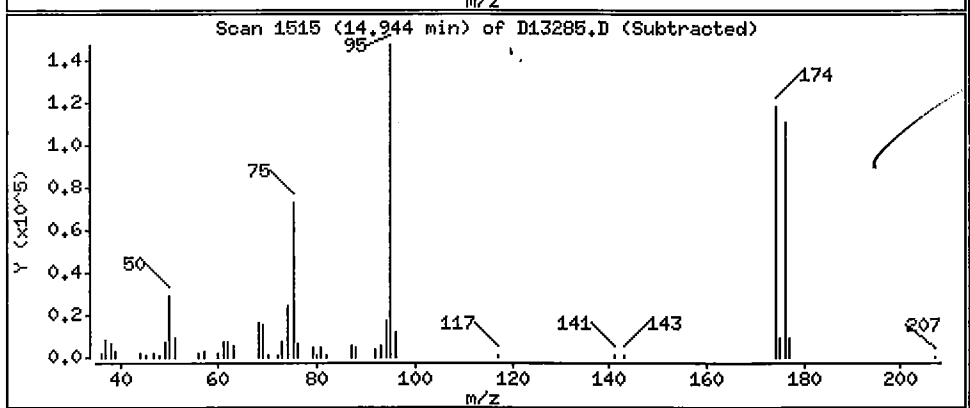
Column phase: J&W DB-624

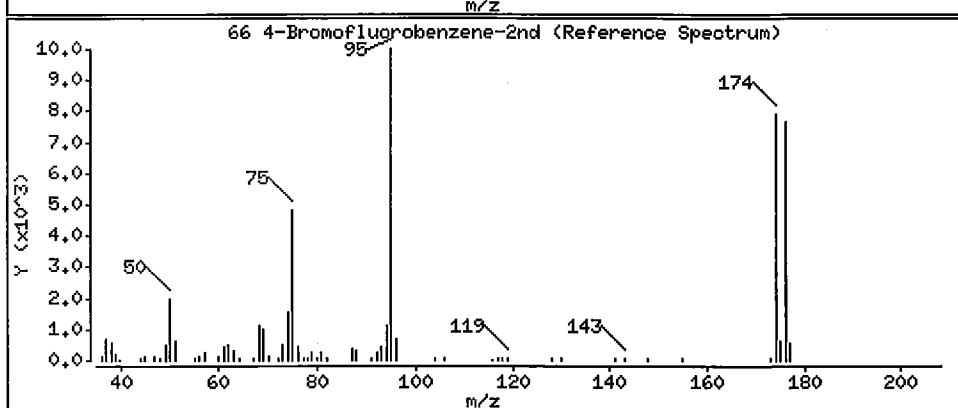
Column diameter: 0.53

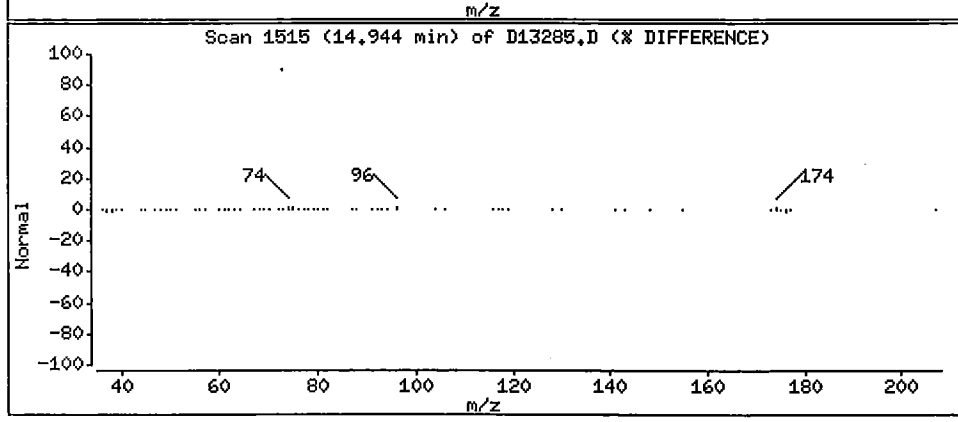
66 4-Bromofluorobenzene-2nd

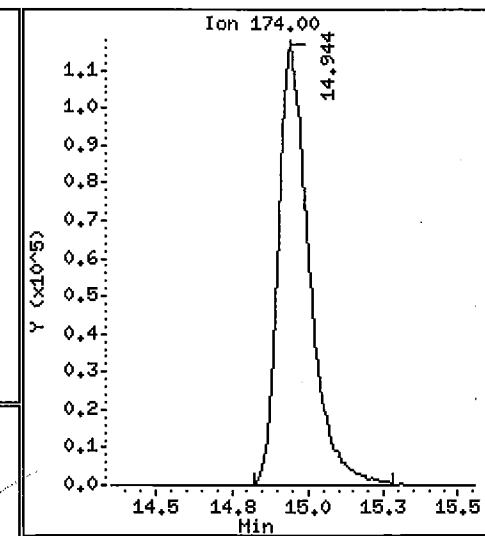
Concentration: 46.70 ug/Kg

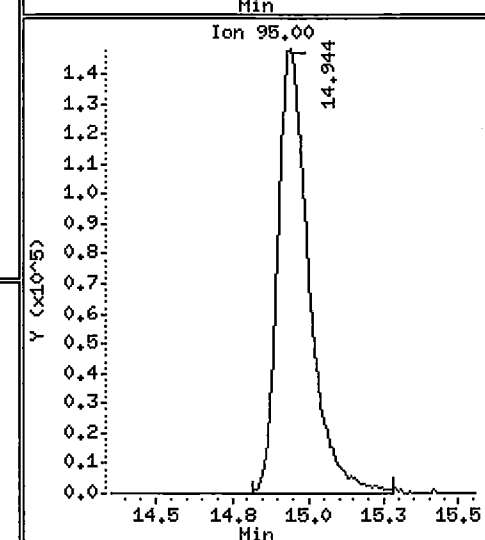


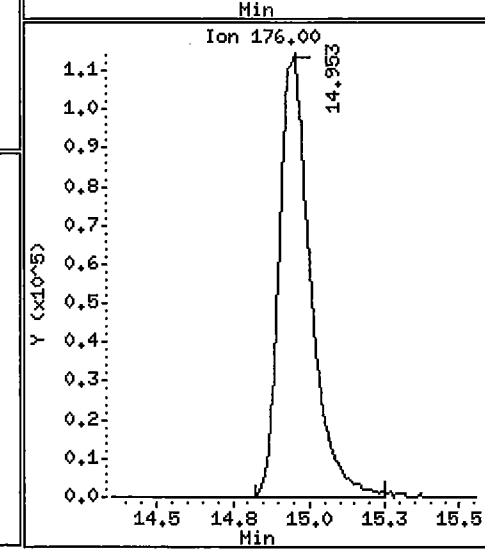












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13285.D

Date : 21-OCT-2000 19:11

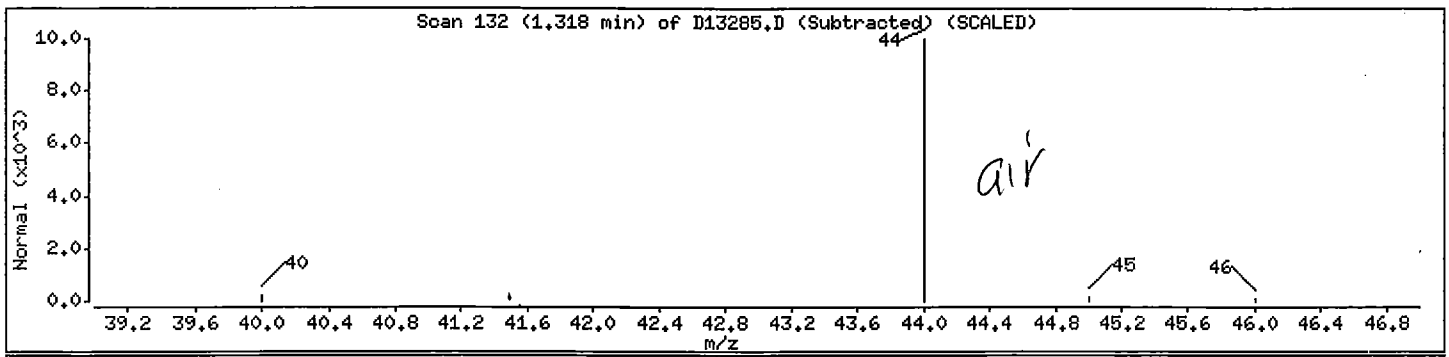
Client ID: D13285 Instrument: md.i

Sample Info: DLTDC101,,2,,0,1,0,8260BDA.M,D13285

Operator: GFB

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13286.D
Lab Smp Id: DLTDD101 Client Smp ID: D13286
Inj Date : 21-OCT-2000 19:43
Operator : GFB Inst ID: md.i
Smp Info : DLTDD101,,2,,0,1,0,8260BDA.M,D13286
Misc Info : 227-24,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.966	5.978	(0.842)	1017305	48.1353	48.14	
$ 33 1,2-Dichloroethane-d4	65	6.508	6.510	(0.918)	651439	45.6660	45.66	
34 1,2-Dichloroethane-d4 2nd	102	6.508	6.519	(0.918)	139487	48.4666	48.47	
* 38 Fluorobenzene	96	7.090	7.081	(1.000)	1485830	50.0000		
$ 47 Toluene-d8	98	9.917	9.918	(0.787)	1383757	45.1820	45.18	
* 56 Chlorobenzene-d5	117	12.607	12.608	(1.000)	1322967	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.942	14.953	(0.866)	904699	46.8412	46.84	
$ 67 4-Bromofluorobenzene	95	14.942	14.943	(0.866)	1162363	45.0909	45.09	
* 79 1,4-Dichlorobenzene-d4	152	17.247	17.268	(1.000)	969978	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13286.D
Lab Smp Id: DLTDD101 Client Smp ID: D13286
Inj Date : 21-OCT-2000 19:43
Operator : GFB Inst ID: md.i
Smp Info : DLTDD101,,2,,0,1,0,8260BDA.M,D13286
Misc Info : 227-24,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.090	3341904	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.316	531502	7.95208713	7.95	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTDD101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13286
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ Air	1.316	7.95	J

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13286.D

Date : 21-OCT-2000 19:43

Client ID: D13286

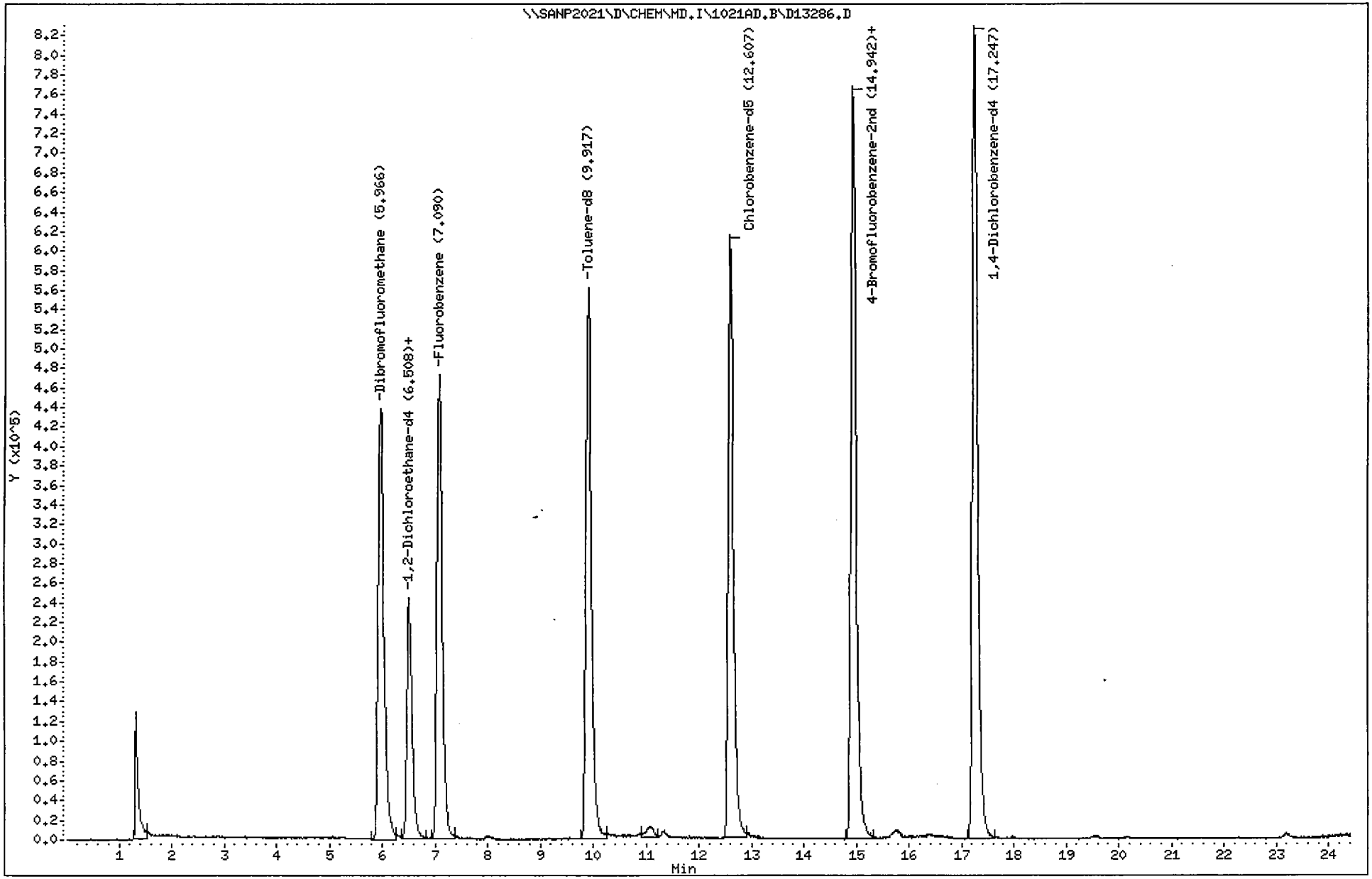
Sample Info: DLTDD101,,2,,0,1,0,8260BDA.M,D13286

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000651

BOE-C6-0151074

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13286.D

Date : 21-OCT-2000 19:43

Client ID: D13286

Instrument: md.i

Sample Info: DLTDD101,,2,,0,1,0,8260BDA.M,D13286

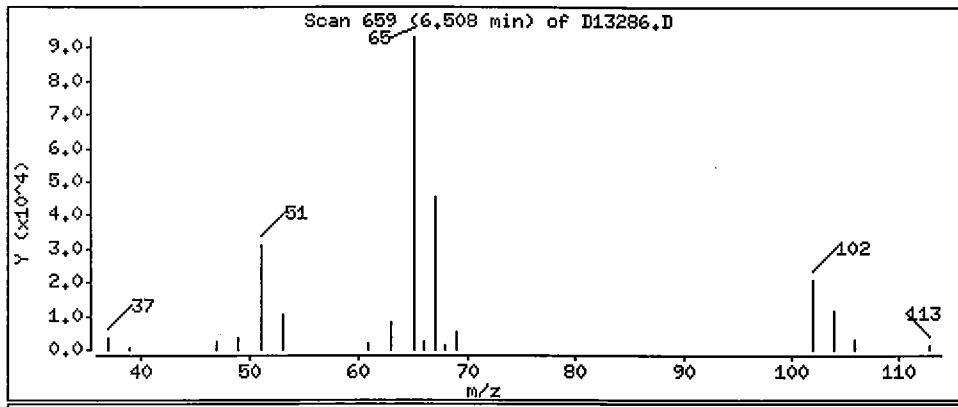
Operator: GFB

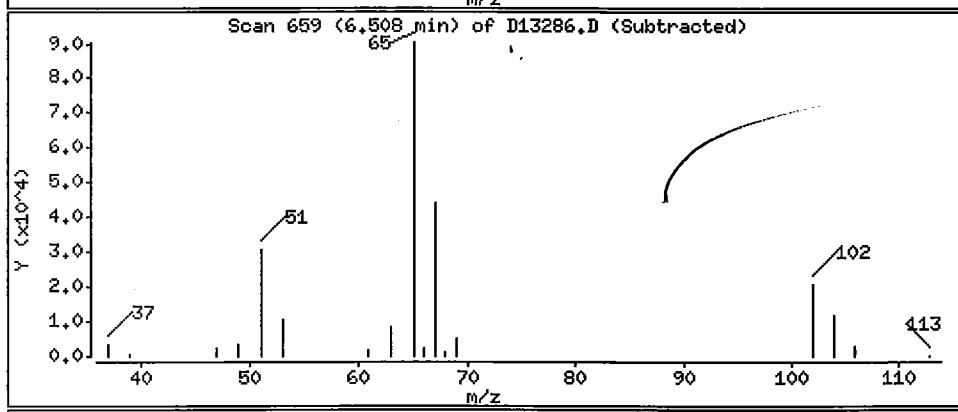
Column phase: J&W DB-624

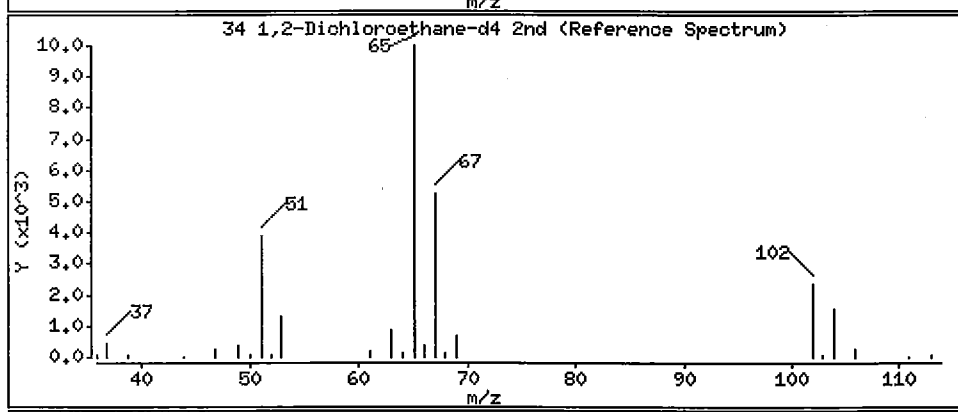
Column diameter: 0.53

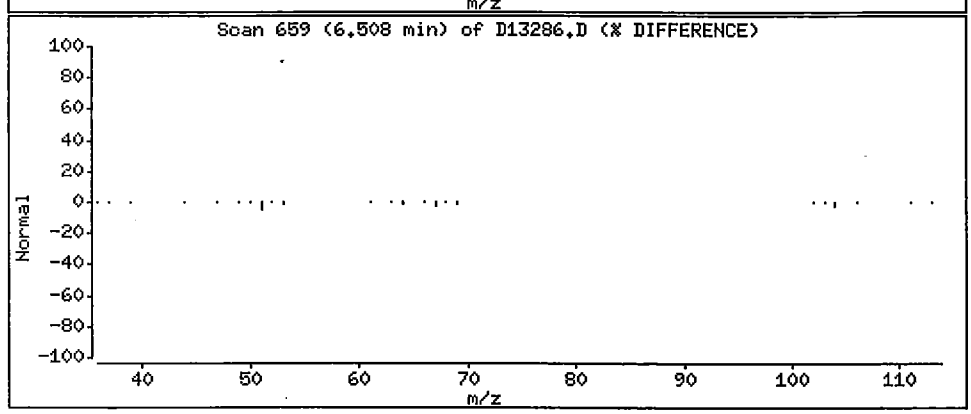
34 1,2-Dichloroethane-d4 2nd

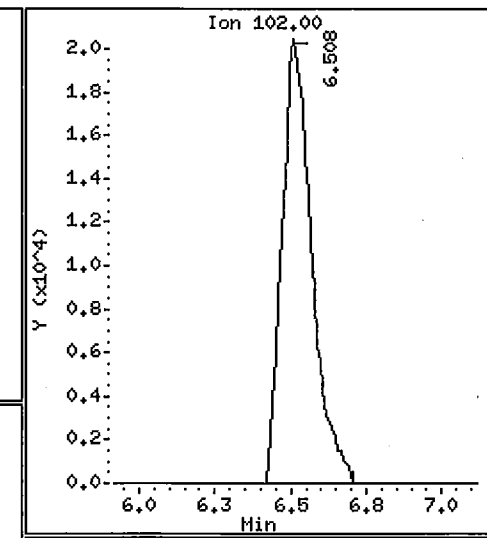
Concentration: 48.47 ug/Kg

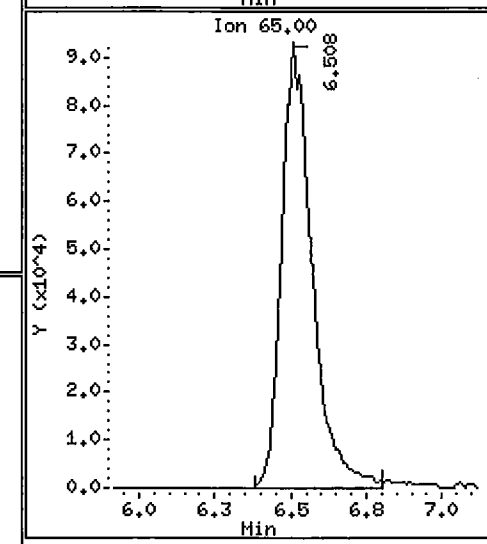












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13286.D

Date : 21-OCT-2000 19:43

Client ID: D13286

Instrument: md.i

Sample Info: DLTDD101,,2,,0,1,0,8260BDA.M,D13286

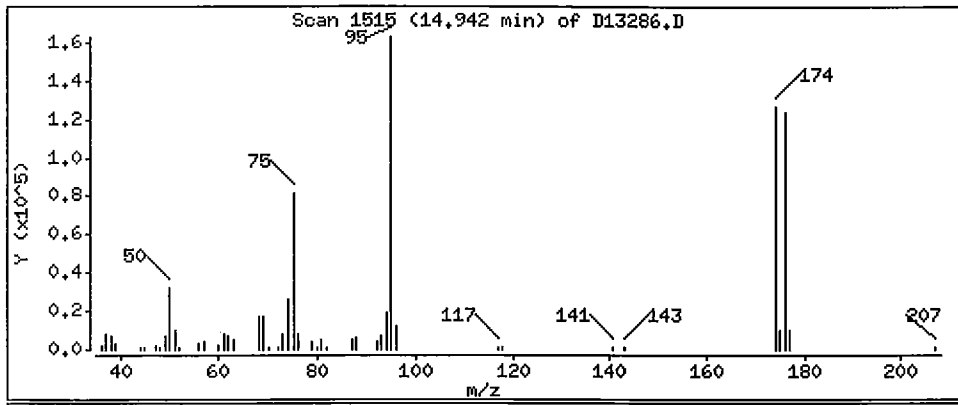
Operator: GFB

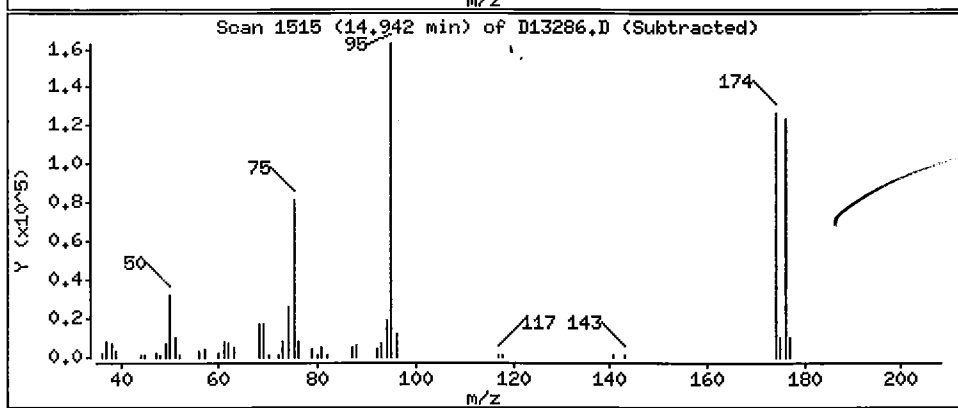
Column phase: J&W DB-624

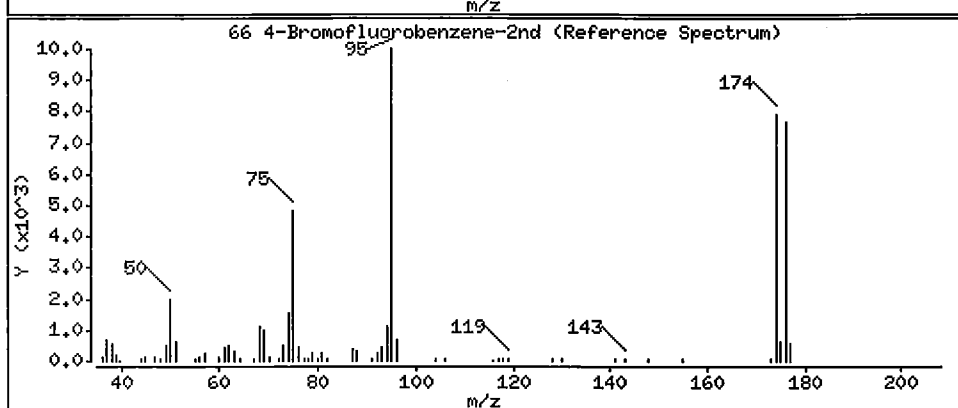
Column diameter: 0.53

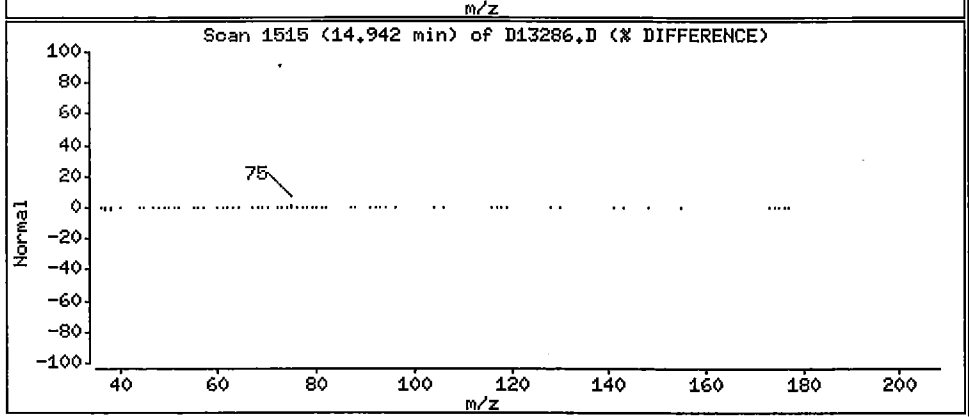
66 4-Bromofluorobenzene-2nd

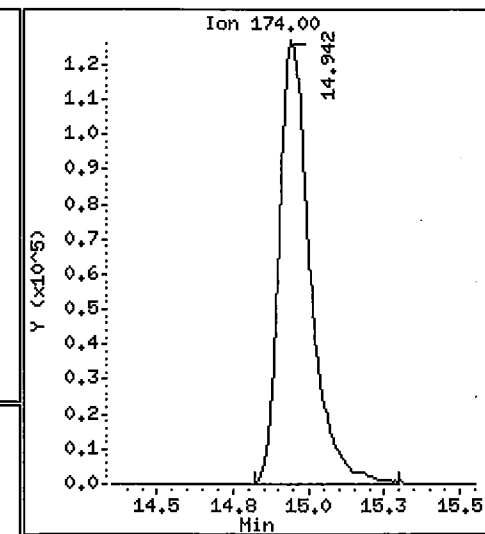
Concentration: 46.84 ug/Kg

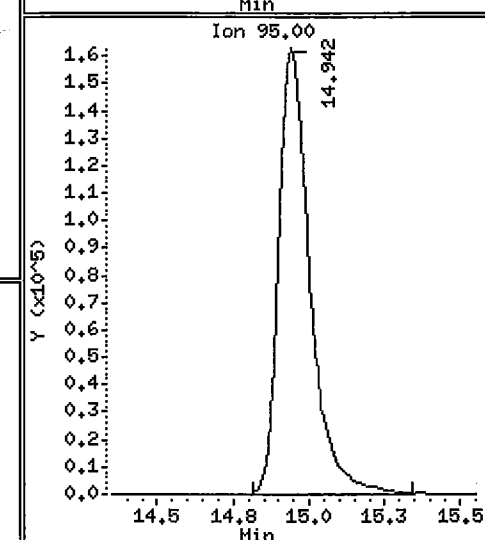


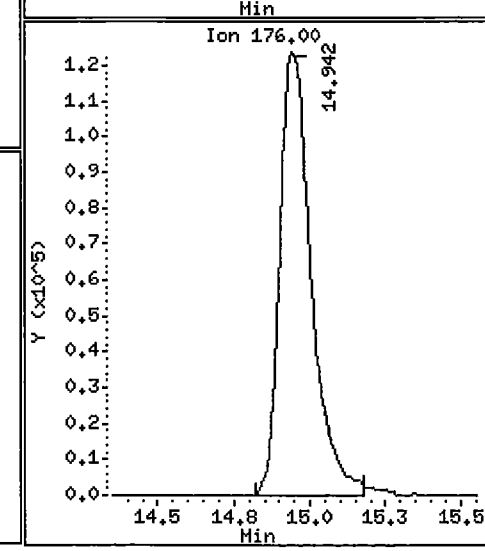












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13286.D

Date : 21-OCT-2000 19:43

Client ID: D13286

Instrument: md.i

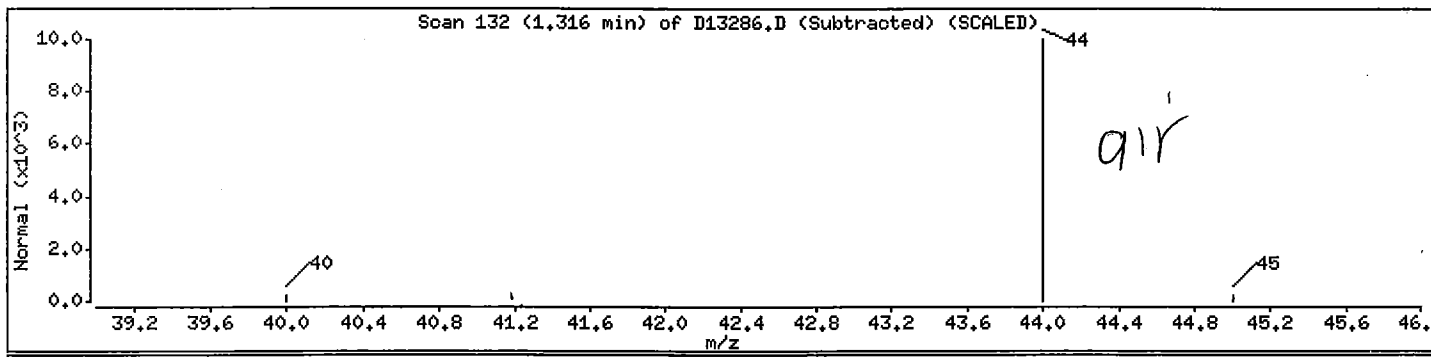
Sample Info: DLTDD101,,2,,0,1,0,8260BDA.M,D13286

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13287.D
Lab Smp Id: DLTDE101 Client Smp ID: D13287
Inj Date : 21-OCT-2000 20:15
Operator : GFB Inst ID: md.i
Smp Info : DLTDE101,,2,,0,1,0,8260BDA.M,D13287
Misc Info : 227-24,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.987	5.978	(0.844)	934127	46.8424	46.84	
$ 33 1,2-Dichloroethane-d4	65	6.519	6.510	(0.919)	585967	43.5326	43.53	
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.519	(0.921)	118885	43.7782	43.78	
* 38 Fluorobenzene	96	7.090	7.081	(1.000)	1401998	50.0000		
$ 47 Toluene-d8	98	9.918	9.918	(0.787)	1312691	44.6711	44.67	
* 56 Chlorobenzene-d5	117	12.608	12.608	(1.000)	1269377	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.952	14.953	(0.866)	822661	46.3234	46.32	
$ 67 4-Bromofluorobenzene	95	14.952	14.943	(0.866)	1067677	45.0446	45.04	
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.268	(1.000)	891880	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13287.D
Lab Smp Id: DLTDE101 Client Smp ID: D13287
Inj Date : 21-OCT-2000 20:15
Operator : GFB Inst ID: md.i
Smp Info : DLTDE101,,2,,0,1,0,8260BDA.M,D13287
Misc Info : 227-24,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.090	3212714	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.327	521110	8.11012689	8.11	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTDE101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13287
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

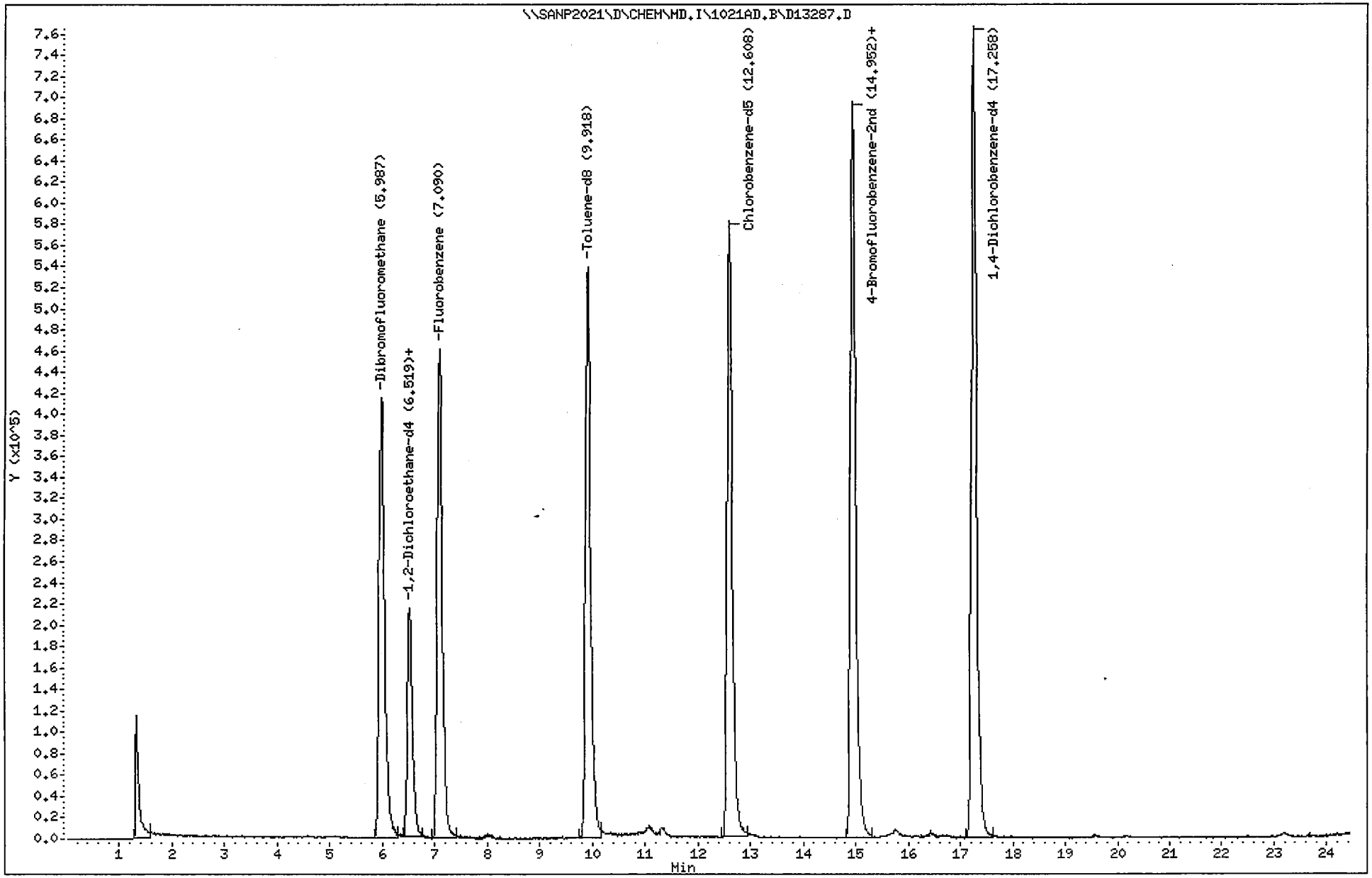
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown a18	1.327	8.11	J

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13287.D
Date : 21-OCT-2000 20:15
Client ID: D13287
Sample Info: DLTDE101,,2,,0,1,0,8260BDA.M,D13287

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



000658

BOE-C6-0151081

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13287.D

Date : 21-OCT-2000 20:15

Client ID: D13287

Instrument: md.i

Sample Info: DLTDE101,,2,,0,1,0,8260BDA.M,D13287

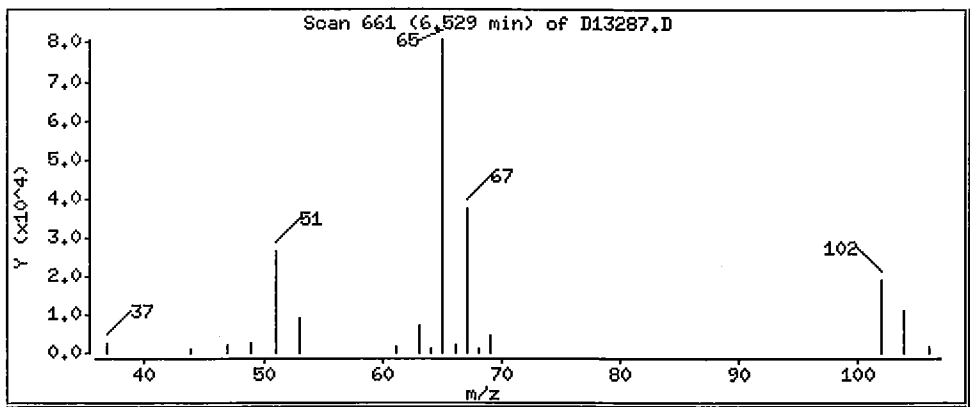
Operator: GFB

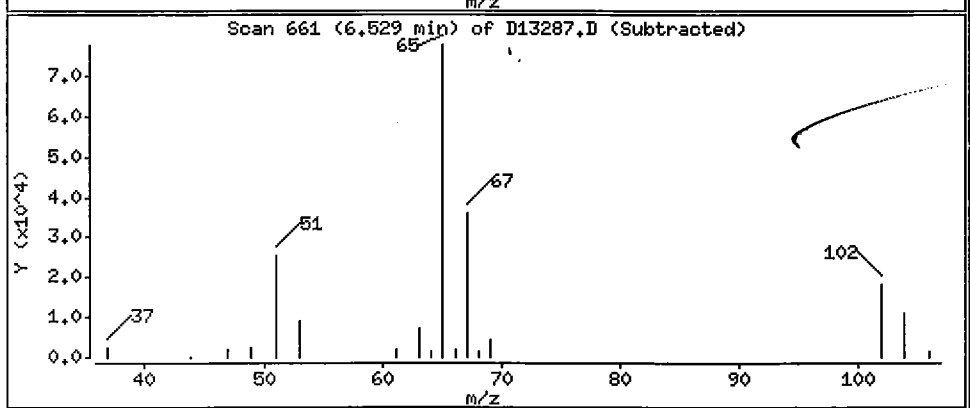
Column phase: J&W DB-624

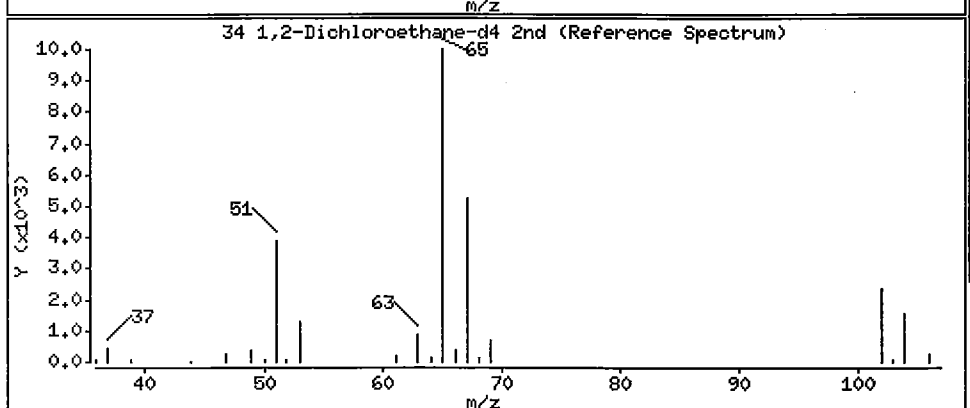
Column diameter: 0.53

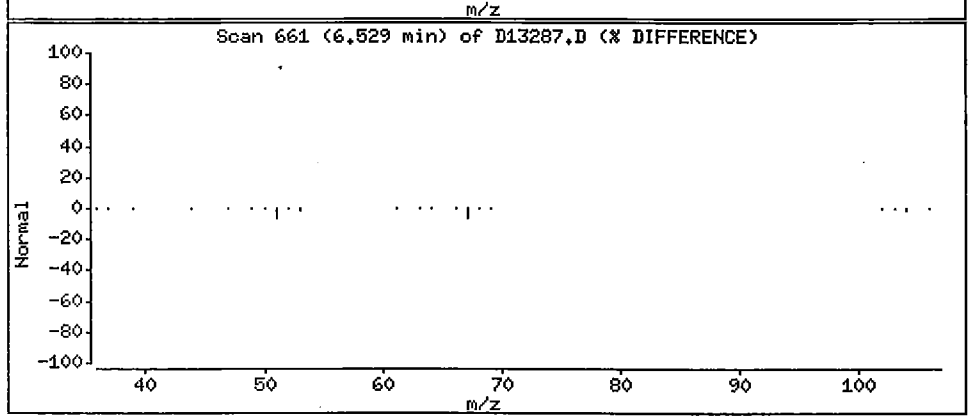
34 1,2-Dichloroethane-d4 2nd

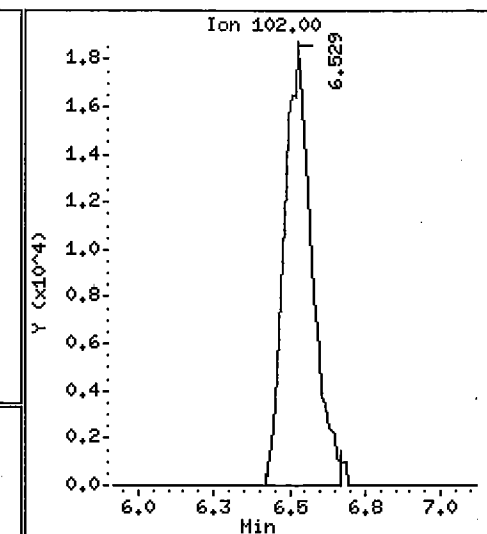
Concentration: 43.78 ug/Kg

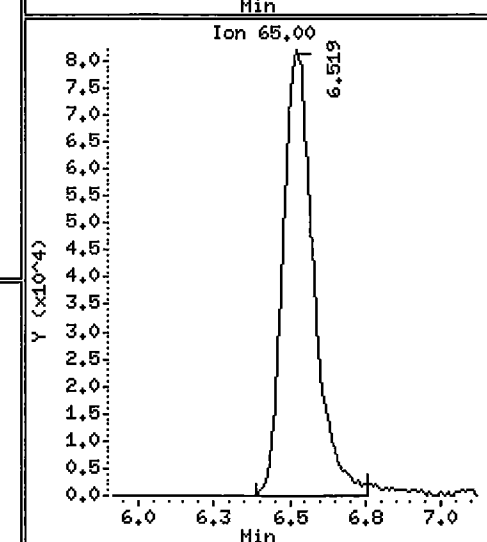












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13287.D

Date : 21-OCT-2000 20:15

Client ID: D13287

Instrument: md.i

Sample Info: DLTDE101,,2,,0,1,0,8260BDA,M,D13287

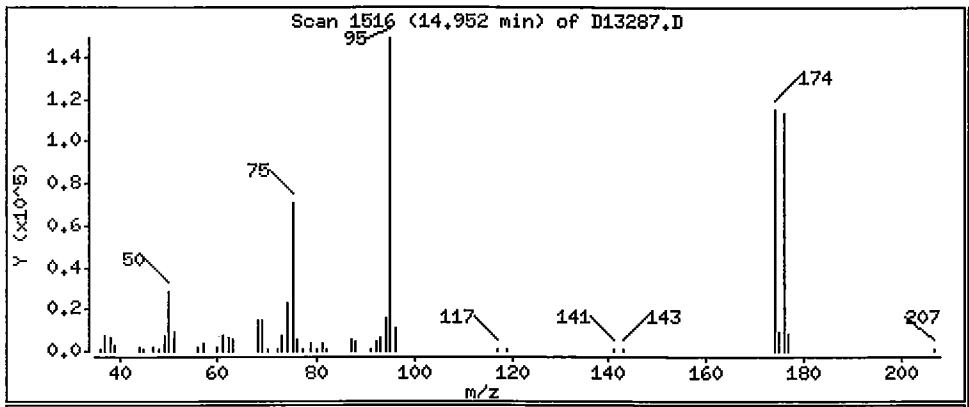
Operator: GFB

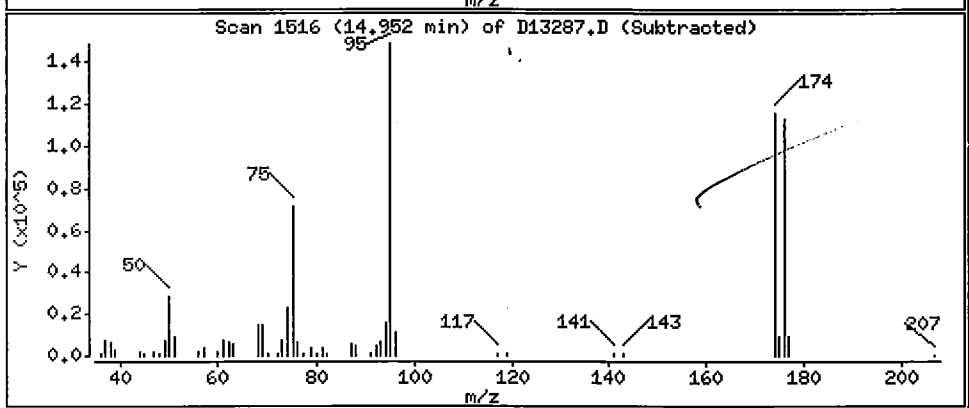
Column phase: J&W DB-624

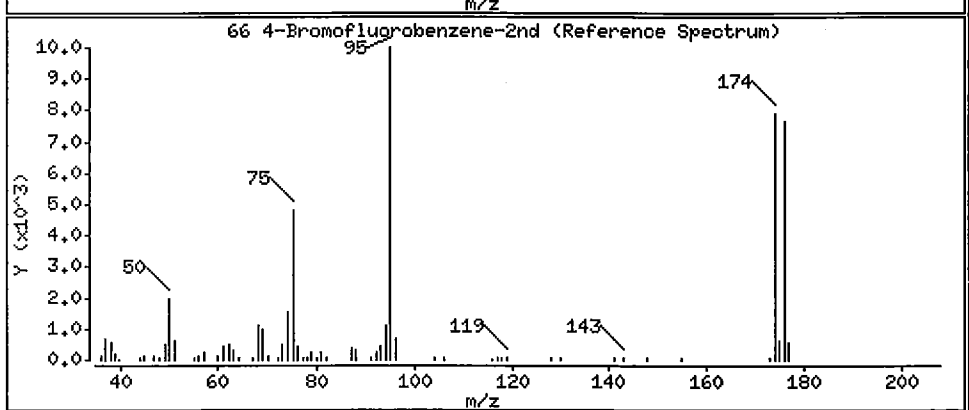
Column diameter: 0.53

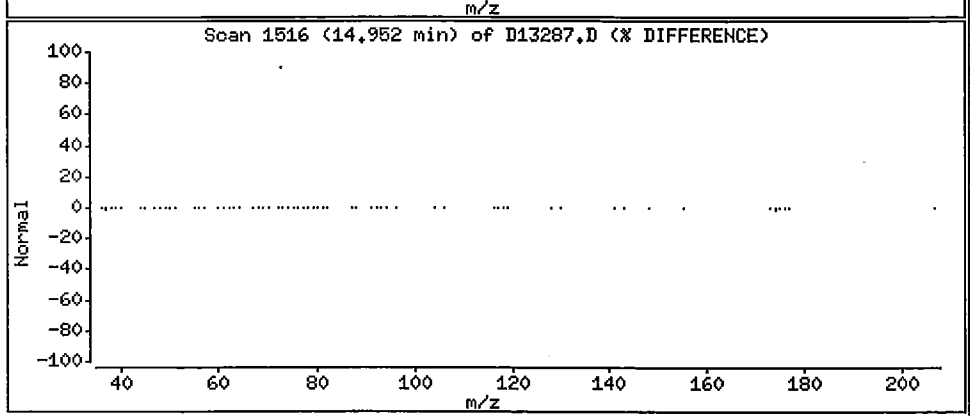
66 4-Bromofluorobenzene-2nd

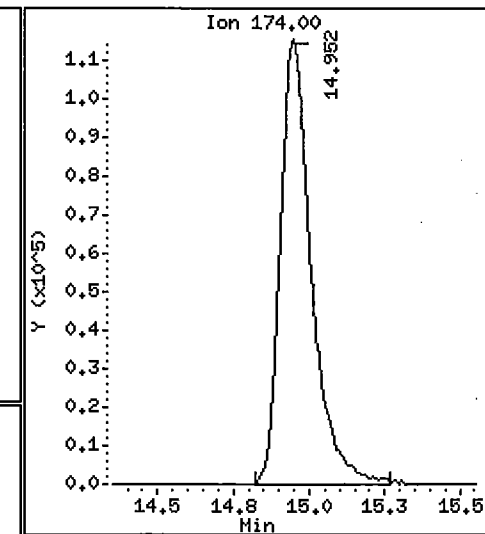
Concentration: 46.32 ug/Kg

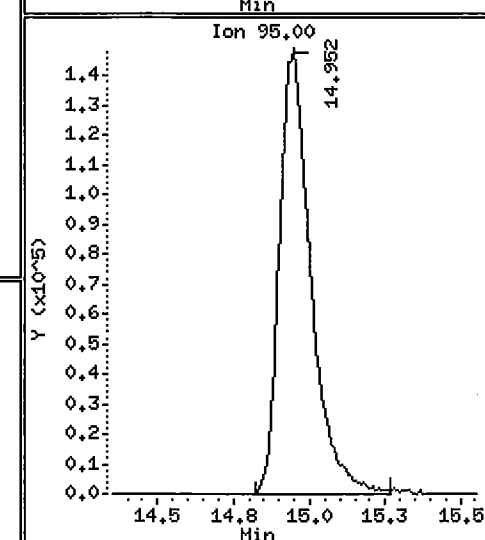


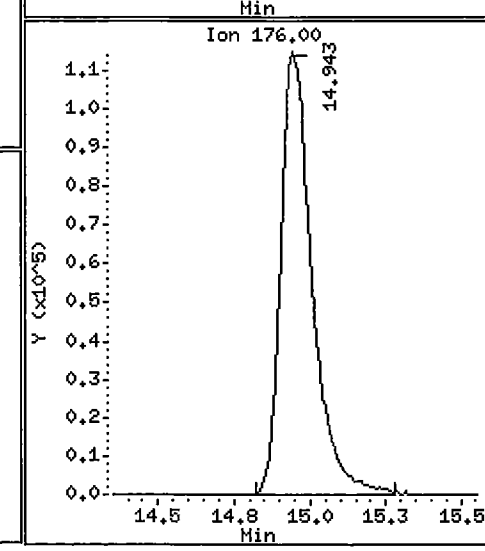












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13287.D

Date : 21-OCT-2000 20:15

Client ID: D13287

Instrument: md.i

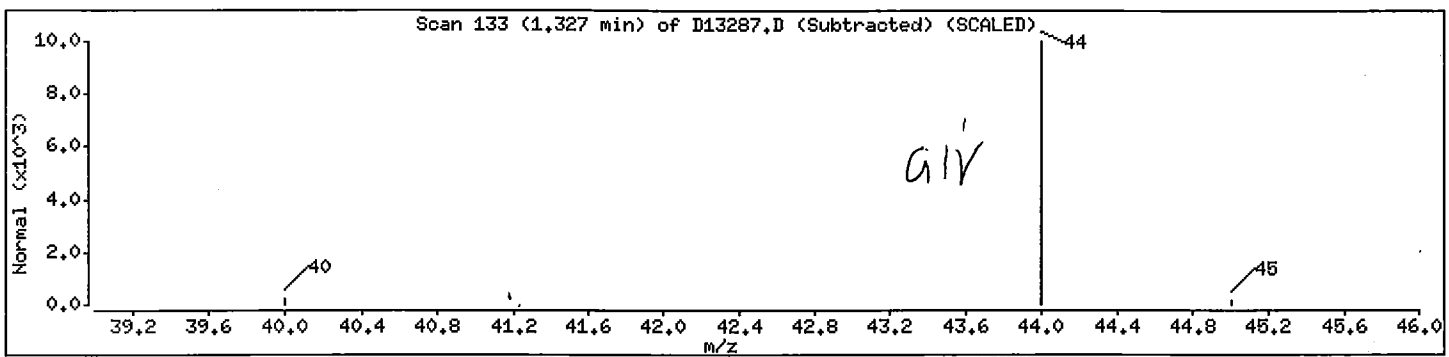
Sample Info: DLTDE101,,2,,0,1,0,8260BDA.M,D13287

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13288.D
Lab Smp Id: DLTDF101 Client Smp ID: D13288
Inj Date : 21-OCT-2000 20:46
Operator : GFB Inst ID: md.i
Smp Info : DLTDF101,,2,,0,1,0,8260BDA.M,D13288
Misc Info : 227-26,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.966	5.978	(0.842)	914756	46.2048	46.20	
$ 33 1,2-Dichloroethane-d4	65	6.518	6.510	(0.919)	583492	43.6641	43.66	
34 1,2-Dichloroethane-d4 2nd	102	6.508	6.519	(0.918)	120928	44.8546	44.85	
* 38 Fluorobenzene	96	7.089	7.081	(1.000)	1391870	50.0000		
$ 47 Toluene-d8	98	9.917	9.918	(0.787)	1327149	45.4469	45.45	
* 56 Chlorobenzene-d5	117	12.606	12.608	(1.000)	1261450	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.941	14.953	(0.866)	834183	46.5834	46.58	
$ 67 4-Bromofluorobenzene	95	14.941	14.943	(0.866)	1066588	44.6261	44.63	
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.268	(1.000)	899325	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1021AD.B\D13288.D
Lab Smp Id: DLTDF101 Client Smp ID: D13288
Inj Date : 21-OCT-2000 20:46
Operator : GFB Inst ID: md.i
Smp Info : DLTDF101,,2,,0,1,0,8260BDA.M,D13288
Misc Info : 227-26,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1021AD.B\8260BDA.m
Meth Date : 21-Oct-2000 13:27 beckmang Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.089	3163598	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	474296	7.49614573	7.50	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLTDF101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13288
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown air	1.326	7.50	J

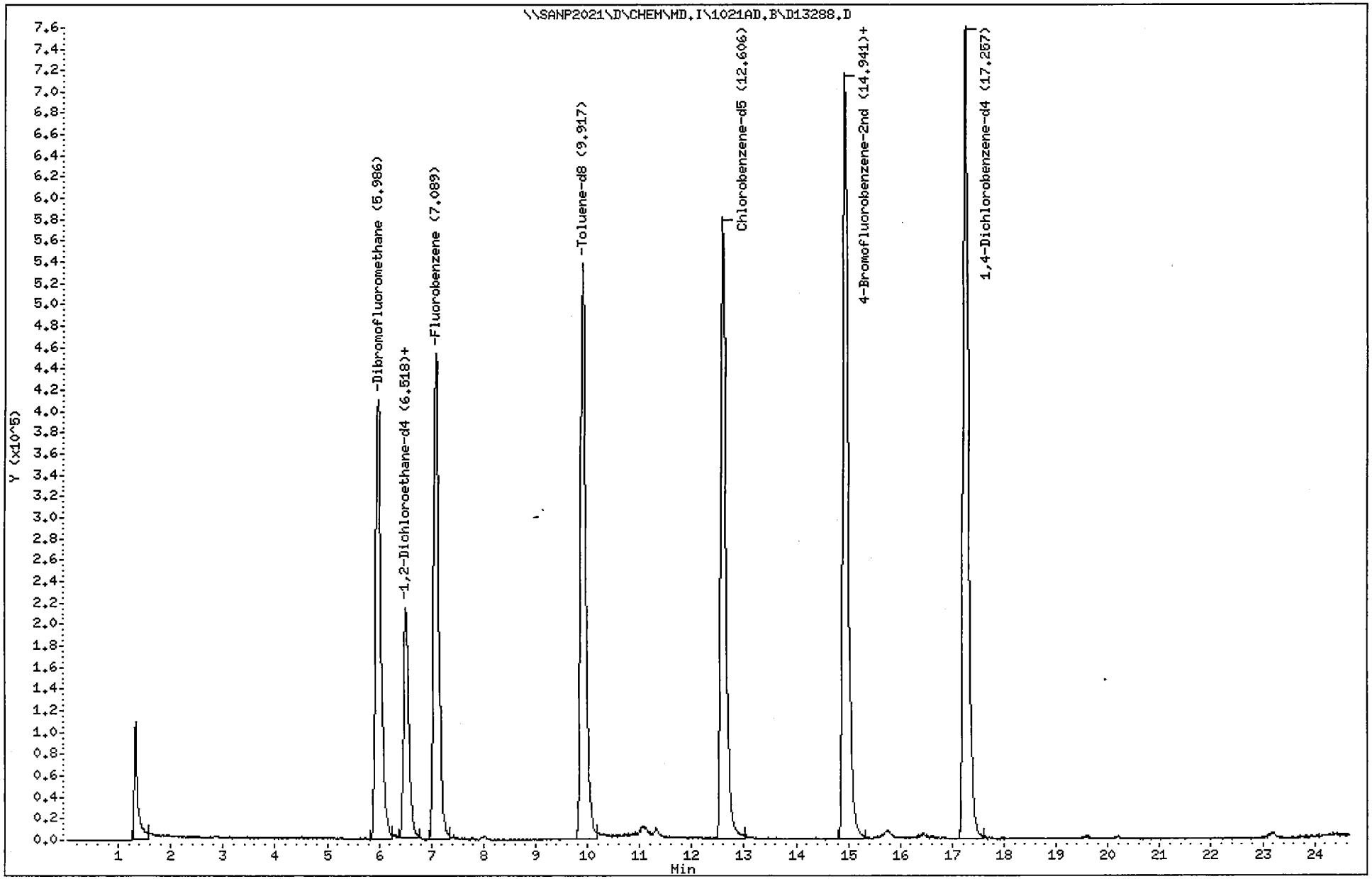
Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13288.D
Date : 21-OCT-2000 20:46
Client ID: D13288
Sample Info: DLTDF101,,2,,0,1,0,8260BDA.M,D13288

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000665

BOE-C6-0151088

Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13288.D

Date : 21-OCT-2000 20:46

Client ID: D13288

Instrument: md.i

Sample Info: DLTDF101,,2,,0,1,0,8260BDA.M,D13288

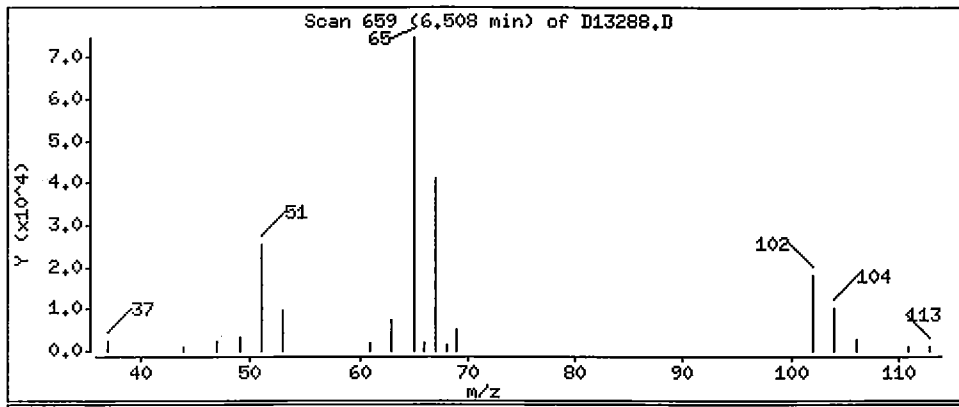
Operator: GFB

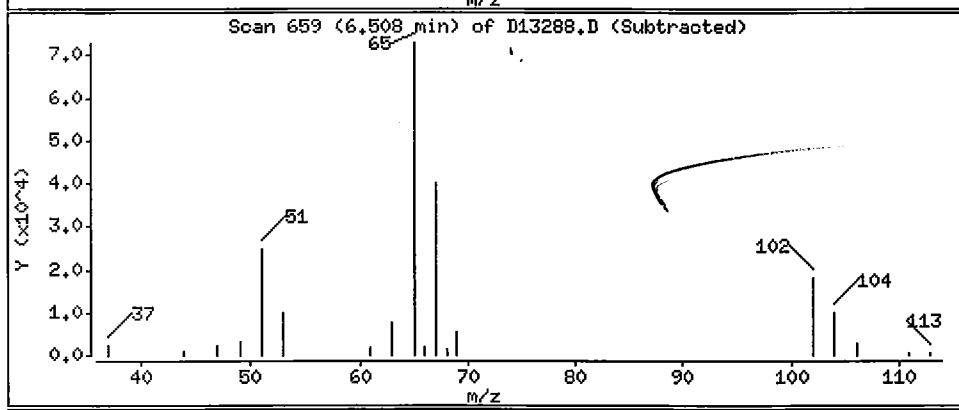
Column phase: J&W DB-624

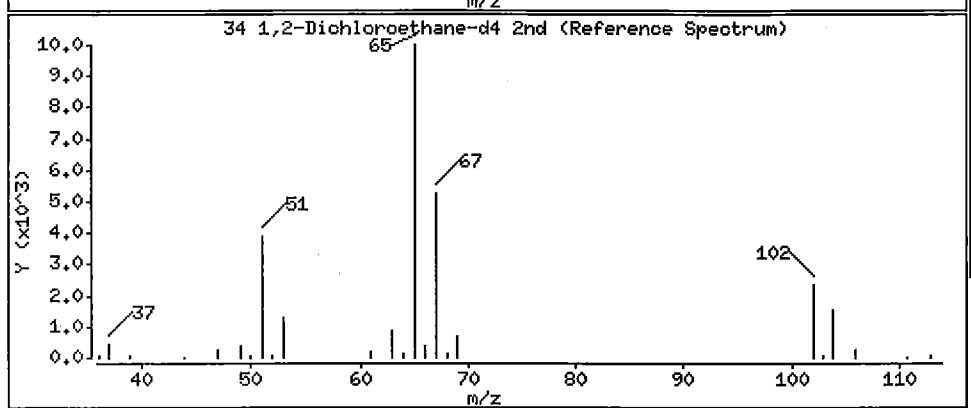
Column diameter: 0.53

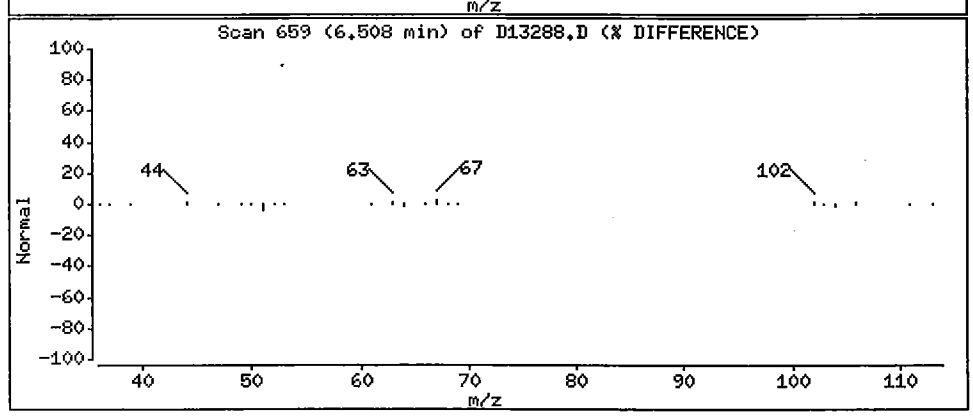
34 1,2-Dichloroethane-d4 2nd

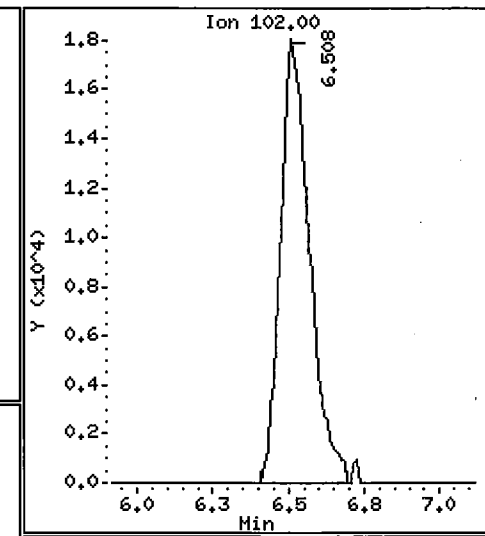
Concentration: 44.85 ug/Kg

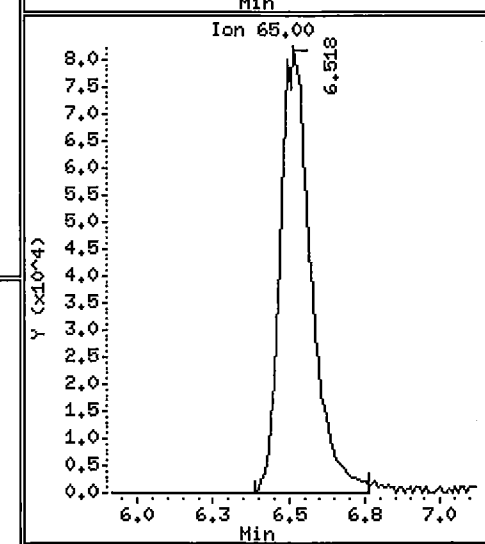












Data File: \\SANP2021\D\CHEM\MD.I\1021AD.B\D13288.D

Date : 21-OCT-2000 20:46

Client ID: D13288

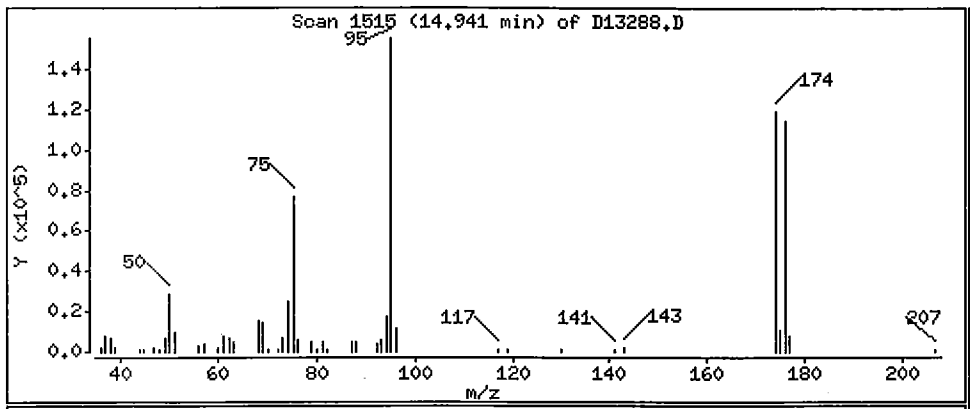
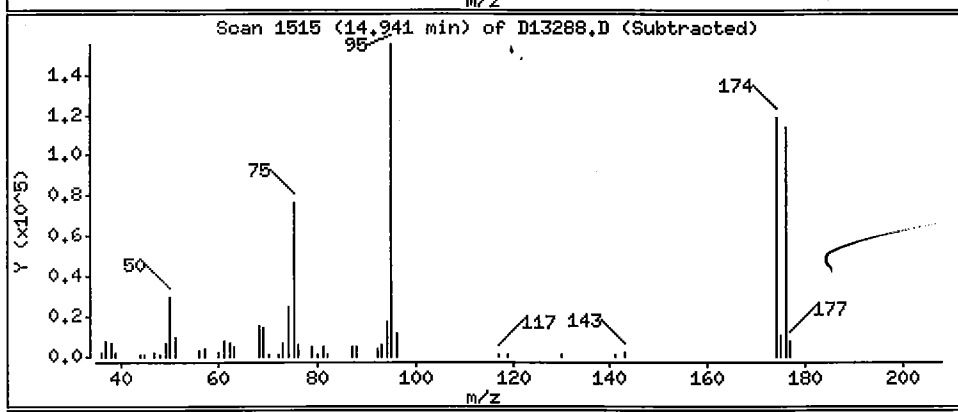
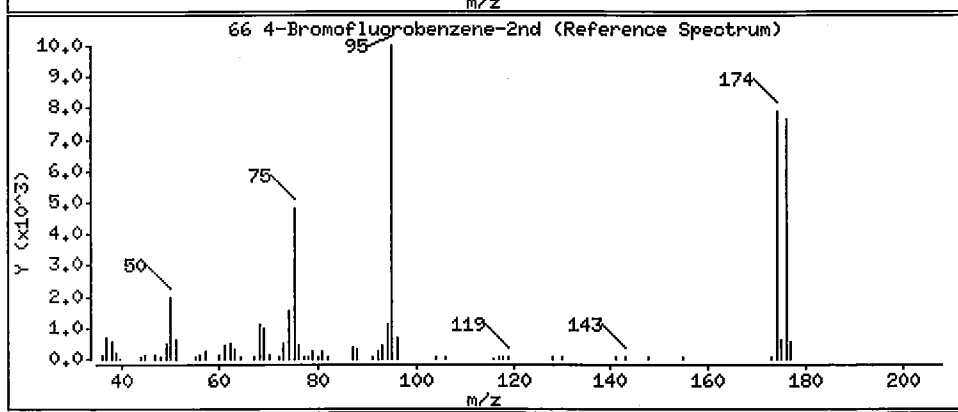
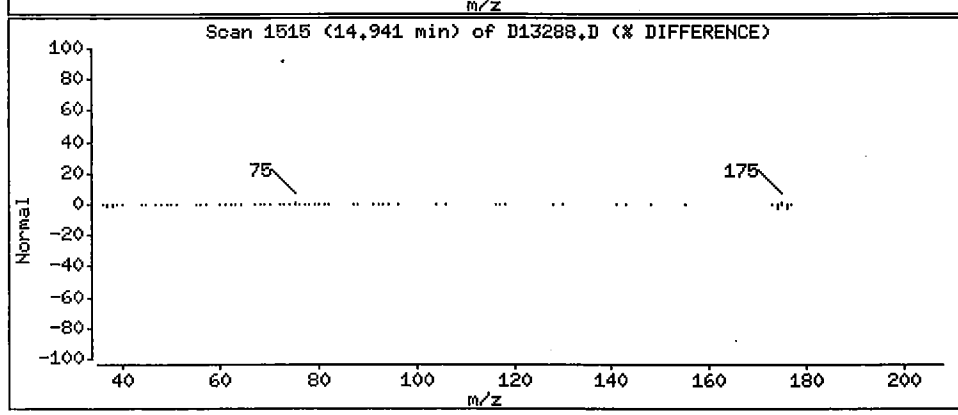
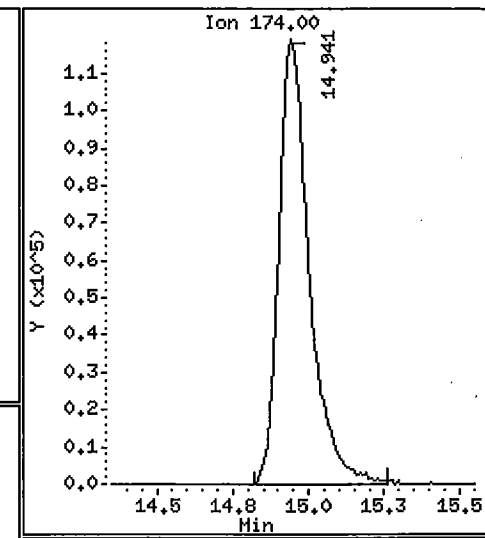
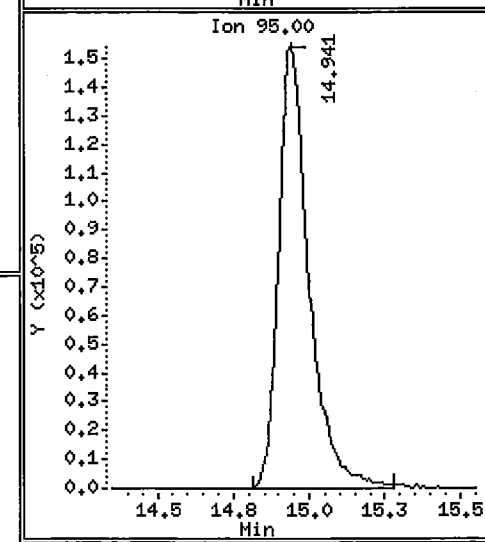
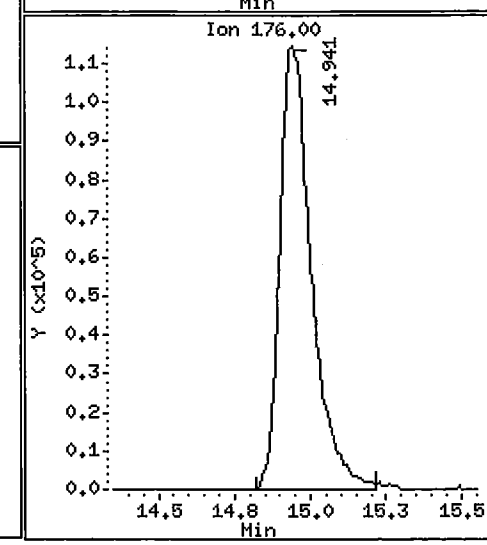
Instrument: md.i

Sample Info: DLTDF101,,2,,0,1,0,8260BDA.M,D13288

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

66 4-Bromofluorobenzene-2nd

Concentration: 46.58 ug/Kg