VOLUME 3
RESULTS OF ENVIRONMENTAL INVESTIGATIONS
APPENDIX 4, PART 1 OF 5

Of The

COMM 100 ASSOCIATES FACILITY
100 COMMERCIAL STREET
PLAINVIEW, NASSAU COUNTY, NEW YORK
SITE NO. 1-30-075

For

ROBIN S. WEINSTEIN, ESQ.
KENSINGTON & RESSLER, P.C.
400 MADISON AVENUE
NEW YORK, NEW YORK 10017-1910

By

EIKON PLANNING AND DESIGN CORP.
P.O. BOX 469 - 221 HIGH STREET
HACKETTSTOWN, NEW JERSEY 07840

February 1, 1995

ORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

LABORATORY NAME LABORATORY ACCURACY CITY/STATE EDISON NJ
CASE NO. 08103 SDG NO. S00301 SDG NOS. TO FOLLOW ____ ____ ____ SAS NO. ____
CONTRACT NO. ____ ASP DATE 12/91

All documents delivered in the complete SDG file must be original documents where possible. (REFERENCE EXHIBIT B, SECTION II AND III.)

		PAGE NOS. FROM	PAGE NOS. TO	CHECK LAB	CHECK NYSDEC
1.	Inventory Sheet (Form DC-2) (Do not number)	____	____	✓	____
2.	SDG Case Narrative	01	03	✓	____
3.	Contract Lab Sample Information Sheet (CLSIS) I-C-C	04	04	✓	____
4.	Volatiles Data				
a.	QC Summary				
	Surrogate Percent Recovery Summary (Form II-CLP-VOA)	05	10	✓	____
	Lab Control Sample Recovery (Form III-CLP-VOA	11	12	✓	____
	Method Blank Summary (Form IV-CLP-VOA)	13	18	✓	____
	Tuning and Mass Calibration (Form V-CLP-VOA)	19	26	✓	____
b.	Sample Data				
	TCL Results (Form I-CLP-VOA)	27	76	✓	____
	Tentatively Identified Compounds (Form I-CLP-VOA-TIC)			✓	____
	Reconstructed total ion chromatograms (RIC) for each sample			✓	____
	For each sample:				
	Raw spectra and background-subtracted mass spectra of target compounds identified			✓	____
	Mass spectra of all reported TICs with three best library matches			✓	____
c.	Standards Data (All Instruments)				
	Initial Calibration Data (Form VI-CLP-VOA)	77	78	✓	____
	RICs and Quant Reports for all Standards	79	108	✓	____
	Continuing Calibration (Form VII-CLP-VOA)	109	114	✓	____
	RICs and Quant Reports for all Standards	115	135	✓	____
	Internal Standard Area and RT Summary (Form VIII-CLP-VOA)	136	141	✓	____
d.	QC Data				
	BFB	142	149	✓	____
	Blank Data	150	174	✓	____
	Matrix Spike Blank Data	180	182	✓	____
	Matrix Spike Data	183	185	✓	____
	Matrix Spike Duplicate Data	186	188	✓	____
5.	Semivolatiles Data				
a.	QC Summary	189	199	✓	____
	Surrogate Percent Recovery Summary (Form II-CLP-SV)	189	190	✓	____
	MS/MSD Summary (Form III-CLP-SV)	191	192	✓	____
	Method Blank Summary (Form IV-CLP-SV)	193	195	✓	____
	Tuning and Mass Calibration (Form V-CLP-SV)	196	199	✓	____

ORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET (Cont.)

CASE NO. 18103 SDG NO. 8103 SDG NOS. TO FOLLOW _____ _____ _____ SAS NO. _____

	PAGE NOS. FROM	TO	CHECK LAB	NYSDEC
5. Semivolatiles Data (cont.)				
b. Sample Data				
TCL Results (Form I-CLP-SV)	200	398	✓	
Tentatively Identified Compounds (Form I-CLP-SV-TIC)			✓	
Reconstructed total ion chromatograms (RIC) for each sample			✓	
For each sample:				
Raw spectra and background-subtracted mass spectra of target compounds identified			✓	
Mass spectra of all reported TICs with three best library matches			✓	
GPC chromatograms (if GPC performed)			✓	
c. Standards Data (All Instruments)				
Initial Calibration Data (Form VI-CLP-SV)	399	400	✓	
RICs and Quant Reports for all Standards	401	415	✓	
Continuing Calibration (Form VII-CLP-SV)	416	421	✓	
RICs and Quant Reports for all Standards	422	430	✓	
Internal Standard Area and RT Summary (Form VIIIB-CLP-SV and Form VIIIC-CLP-SV)	431	436	✓	
d. QC Data				
DFTPP	437	440	✓	
Blank Data	441	466	✓	
Matrix Spike Blank Data	467	470	✓	
Matrix Spike Data	471	475	✓	
Matrix Spike Duplicate Data	476	478	✓	
6. Pesticides				
a. QC Summary	479	488	✓	
Surrogate Percent Recovery Summary (Form II-CLP-PEST)	479	480	✓	
MS/MSD Summary (Form III-CLP-PEST)	481	484	✓	
Method Blank Summary (Form IV-CLP-PEST)	485	488	✓	
B. Sample Data				
TCL Results (Form I-CLP-PEST)	489	527	✓	
Chromatograms (Primary Column)			✓	
Chromatograms from second GC column confirmation			✓	
GC Integration report or data system printout and calibration plots			✓	
Manual work sheets			✓	
UV traces from GPC (if available)			✓	
For pesticides/Aroclors confirmed by GC/MS, copies of raw spectra and copies of background-subtracted mass spectra of target compounds (samples & standards)				

FORM DC-2-ORG-2

ORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET (Cont.)

CASE NO 18103 SDG NO S10361 SDG NOS. TO FOLLOW _____ _____ _____ SAS NO. _____

	PAGE NOS. FROM	PAGE NOS. TO	CHECK LAB	CHECK NYSDEC
6. Pesticides Data (cont.)				
c. Standards Data				
Pesticides Evalution Standards Summary (Form VIII-CLP-PEST-1)	545	546	✓	___
Pesticides Evalution Standards Summary (Form VIII-CLP-PEST-2)	547	548	✓	___
Pesticides/Aroclor Standards Summary (Form IX-CLP-PEST)	549	550	✓	___
Pesticides/Aroclor Identification (Form X-CLP-PEST)	551	556	✓	___
Standard chromatograms and data system printout for all Standards	562	687	✓	___
For pesticides/Aroclors confirmed by GC/MS, copies of spectra for standards used.	___	___	___	___
d. QC Data				
Blank Data	688	707	✓	___
Matrix Spike Blank Data	708	717	✓	___
Matrix Spike Data	718	727	✓	___
Matrix Spike Duplicate Data	728	737	✓	___
7. Miscellaneous Data				
✓ Original preparation and analysis forms or copies of preparation and analysis logbook pages	738	757	✓	___
✓ Internal sample and sample extract transfer chain-of-custody records	758	765	✓	___
Screening records	___	___	___	___
All instrument output, including strip charts from screening activities (describe or list)	___	___	___	___
_____	___	___	___	___
_____	___	___	___	___
8. NYSDEC Shipping/Receiving Documents				
Airbills (No. of shipments ____)	___	___	___	___
Chain-of-Custody Records	___	___	___	___
Sample Tags	___	___	___	___
✓ Sample Log-In Sheet (Lab & DC-1)	766	766	✓	___
✓ SDG Cover Sheet	767	767	✓	___
Miscellaneous Shipping/Receiving Records (describe or list)				
_____	___	___	___	___
_____	___	___	___	___

FORM DC-2-ORG-3

ORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET (Cont.)

CASE NO. 08103 SDG NO. 81030I SDG NOS. TO FOLLOW ______ ______ ______ SAS NO. ______

	PAGE NOS. FROM	PAGE NOS. TO	CHECK LAB	CHECK NYSDEC
6. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
✓ Florisil + GPC cleanup records	768	776	✓	
10. Other Records (describe or list)				
Telephone Communication Log				

11. Comments: ______

Completed by: M.A. [signature] (Signature) — Mal Amirgholizadeh, QA manager (Printed Name/Title) — 9-8-94 (Date)
(CLP Lab)

Audited by: ______ (Signature) ______ (Printed Name/Title) ______ (Date)
(NYSDEC)

FORM DC-2-ORG-4

Laboratory Resources INC.
Teterboro Division
100 Hollister Road
Teterboro, New Jersey 07608
FAX: 201-288-5311
201-288-3700

SDG CASE NARRATIVE
ORGANIC NYASP 12/91

Lab Name: LRI Client: EIKON

Project: Plainview Job No.: T408103

CASE No. : 08103 SDG No. : 810301

The following samples are included in this Sample Delivery Group:

LAB ID #	Matrix	CLIENT ID#	SAMPLE ID (to be used on forms)
T408103-01	soil	SD-1	SD-1
T408103-02	soil	SD-2	SD-2
T408103-03	soil	SD-3	SD-3
T408103-04	soil	SD-4	SD-4
T408103-05	soil	SD-5	SD-5
T408103-06	soil	SD-6	SD-6
T408103-07	water	FLD BLK, 8/5/94	FLD BLK

Detailed Documentation of Problems Encountered With These samples:

General

1. Please note that for the cross reference check the Lab sample ID. with Client ID. is listed above on this case narrative.

2. The EPA sample number in all the forms is the Client identification from the Chain-of-Custody, the six (6) characters (due to too many client sample ID).

3. All the above samples for Organic were analyzed at LRI -NJ Div. for the above work orders in one data package with Case # 08103 and SDG # 810301.

Volatile Fraction:

1. Please note that the concentrations of trans-1,3- Dichloropropene and cis-1,3-Dichloropropene are 92 and 106 percent respectively from the theoretical value in the standard solution mix which is purchased from Supelco.

2. Cis-1,2-Dichloroethene and Trans-1,2-Dichloroethene are separated on the capillary column, therefore on the standards quantitation pages are reported as 1,2-Dichloroethene (total).

3. All the above samples, Blank, Blank Spike, matrix spike and matrix spike duplicate were analyzed within the contract required holding time for VOA fraction.

4. Sample T407366-07 (B-4-4) was analyzed for QC(MS/MSD) for VOA fraction in a batch of 20 water samples and it covers the above work order.

5. One non-target compound was present in the library search of method blanks B5293, B5327, B5346, C5480 and C5433.

6. The surrogate recovery of Toluene-d8 was outside of the required QC limits in sample T408103-07 (FLD BLK). The sample was re-analyzed yielding similar results.

Semivolatile Fraction:

1. Please note that the calibration standards contain equal amounts of 3-Methylphenol and 4-Methylphenol. These two compounds coelute. Therefore, the calibration amount in all standards are doubled. For example, in the SSTD050 check standards 4-Methylphenol appears as 100 instead of 50. This is in the standard solution mix which is purchased by LRI from Protocol Analytical Supplies.

2. All the above samples, Blank, Blank Spike, Matrix Spike and Matrix Spike Duplicate were analyzed within the contract required holding time for BNA fraction.

3. Sample T408069-04 (B20-12) was analyzed for QC (MS/MSD) for the above work order in a batch of 20 water samples.

4. Aldol condensation and three unknowns were present in the library search of procedure blank J3535.

5. Aldol condensation and two unknowns were present in the library search of procedure blank J3552.

6. The surrogate recovery of 2,4,6-Tribromophenol was outside of the QC limits in samples T408103-05 and 06.

7. The quantitation limits are elevated due to the high concentration of analytes in sample T408103-03.

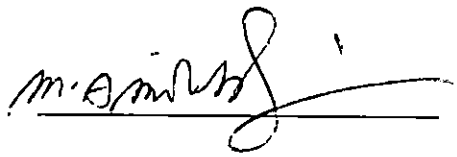
02

PESTICIDE/PCB FRACTION:

1. All the above samples, Blank, Blank Spike, Matrix Spike and Matrix Spike Duplicate were analyzed within the contract required holding time for Pest/PCB fraction.

2. Samples T408069-04 (B20-12-soil) and T408069-07(RIN-15-water) were analyzed for QC (MS/MSD) for the above work order in a batch of 20 samples.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



08-31-94

Moe Amirsoleymani
CLP/SAS, QA/QC Manager

THE ASP CLP DATA PACKAGE IS AS FOLLOWING: CASE NARRATIVE, CHAIN-OF-CUSTODYS, FOLLOWED BY VOLATILE, SEMIVOLATILES AND PESTICIDES/PCB FRACTION AS NYASP ORDER AND FINALLY THE MISCELLANEOUS PAGE, SUCH AS SAMPLE PREP LOG, GC/MS, GC ANALYSIS RUN LOG, Internal-Chain-of-Custody AND SAMPLE LOG-IN SHEET, SDG SHEET, AND etc...

1408103

Laboratory Resources Inc.

CHAIN OF CUSTODY

BILLING INFORMATION

CUSTOMER: Eikon Planning & Design Corp.
ADDRESS: P.O. Box 469, 221 High St.
TELEPHONE: 908-813-2323
PROJECT: Plainview
PROJECT MANAGER: Andreas Eisenberger
PROJECT LOCATION: Plainview STATE: N.Y.
PO NUMBER: PA80789

REPORT INFORMATION

SEND REPORT TO: Eikon Planning & Design Corp.
P.O. Box 469, 221 High St.
Hackettstown, NJ 07840

DATE REPORT REQUIRED: Standard 3-4 wks.
RUSH RESULTS: FAX 908-813-8360

PROJECT INFORMATION

DELIVERABLES/REGULATION (PLEASE INDICATE): NYSASP
TURNAROUND (INDICATE CALENDAR DAYS ~~CONFIRM~~ WITH LAB - NAME OF PERSON CONFIRMING: 21-28
IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:
NAME: RICH WITZAK
TELEPHONE (908) 813-2323

ANALYTICAL REQUESTS

LAB ID CODE	SAMPLE IDENTIFICATION	NO. BOTTLES	COLLECTED DATE	COLLECTED TIME	SAMPLE TYPE: COMPOSITE	SAMPLE TYPE: GRAB	SAMPLE MATRIX: SOLID	SAMPLE MATRIX: LIQUID	SAMPLE MATRIX: PHASIC	SAMPLE MATRIX: SLUDGE	SAMPLE MATRIX: OTHER	ANALYSES	$HaSO_4$	NaOH	HCl	HNO_3	OTHER
01)	SD-1	3	8/5/94	10:00		X	X					Full TCL (Target Compound List) incl. TPC Metals					
02)	SD-2	3	8/5/94	11:40		X	X					Full TCL					
03)	SD-3	3	8/5/94	13:15		X	X					Full TCL					
04)	SD-4	3	8/5/94	14:40		X	X					Full TCL					
05)	SD-5	3	8/5/94	19:20		X	X					Full TCL					
06)	SD-6	3	8/5/94	10:35		X	X					Full TCL			✓	✓	
07)	FCD BLK, 8/5/94	9	8/5/94	9:00		X		X				Full TCL					

CUSTODY

RELINQUISHED: Rich Witzak	DATE: 8/9/94	
RECEIVED: Bonnie LRI	TIME: 9:00	
RELINQUISHED:	DATE: 8/9/94	
RECEIVED:	TIME: 9:30 AM	
RELINQUISHED:	DATE:	
RECEIVED:	TIME:	
RELINQUISHED:	DATE:	
RECEIVED:	TIME:	

COMMENTS, REQUESTS OR REMARKS:

→ NO SUBCONTRACTORS W/OUT PRIOR EIKON APPROVAL.
→ PLEASE FAX DATA TO OUR OFFICE AS IT IMMEDIATELY BECOMES AVAILABLE.

SAMPLE DISPOSAL: Return to Client ☒ Lab Disposal ☐ (additional Fee)
CONCENTRATIONS EXPECTED High ☐ Medium ☐ Low ☒
KNOWN HAZARD YES ☐ NO ☒
DESCRIBE:

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: LRI Contract:

Lab Code: LRI Case No.:08103 SAS No. SDG No.: 810301

	NYSDEC SAMPLE NO.	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
1	VBLK09	106	109	91		0
2	FLD BLK	87 *	105	79		1

	QC LIMITS
SMC1 (TOL) = Toluene-d8	(88-110)
SMC2 (BFB) = Bromofluorobenzene	(86-115)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(76-114)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D System Monitoring Compound diluted out

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: LRI Contract:

Lab Code: LRI Case No.:08103 SAS No. SDG No.: 810301

	NYSDEC SAMPLE NO.	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
1	VBLK11	94	89	80		0
2	FLD BLK RE	87 *	91	78		1

	QC LIMITS
SMC1 (TOL) = Toluene-d8	(88-110)
SMC2 (BFB) = Bromofluorobenzene	(86-115)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(76-114)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D System Monitoring Compound diluted out

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: LRI Contract:

Lab Code: LRI Case No.:08103 SAS No. SDG No.: 810301

Level:(low/med) LOW

	NYSDEC SAMPLE NO.	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
1	VBLK01	99	95	95		0
2	B-4-4 MS	101	92	93		0
3	B-4-4 MSD	103	92	93		0
4	B-4-4	103	87	97		0

	QC LIMITS
SMC1 (TOL) = Toluene-d8	(84-138)
SMC2 (BFB) = Bromofluorobenzene	(59-113)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(70-121)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D System Monitoring Compound diluted out

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: LRI Contract:

Lab Code: LRI Case No.:08103 SAS No. SDG No.: 810301

Level:(low/med) LOW

	NYSDEC SAMPLE NO.	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
1	VBLK08	98	95	95		0
2	VBLK-MS	99	97	93		0

	QC LIMITS
SMC1 (TOL) = Toluene-d8	(84-138)
SMC2 (BFB) = Bromofluorobenzene	(59-113)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(70-121)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D System Monitoring Compound diluted out

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: LRI Contract:

Lab Code: LRI Case No.:08103 SAS No. SDG No.: 810301

Level:(low/med) LOW

	NYSDEC SAMPLE NO.	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
1	VBLK10	99	94	100		0
2	SD-5	109	84	106		0
3	SD-6	93	97	103		0

	QC LIMITS
SMC1 (TOL) = Toluene-d8	(84-138)
SMC2 (BFB) = Bromofluorobenzene	(59-113)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(70-121)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D System Monitoring Compound diluted out

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: LRI Contract:

Lab Code: LRI Case No.:08103 SAS No. SDG No.: 810301

Level:(low/med) LOW

	NYSDEC SAMPLE NO.	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
1	VBLK11	99	94	101		0
2	SD-1	99	93	102		0
3	SD-2	109	86	103		0
4	SD-3	106	84	106		0
5	SD-4	105	85	103		0

	QC LIMITS
SMC1 (TOL) = Toluene-d8	(84-138)
SMC2 (BFB) = Bromofluorobenzene	(59-113)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

page of

FORM II-CLP-VOA-2

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Matrix Spike - NYSDEC Sample No: B-4-4 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	#	QC. LIMITS REC.
1,1-Dichloroethene	52	0	49	94		59-172
Trichloroethene	52	0	50	98		62-137
Benzene	52	0	49	95		66-142
Toluene	52	0	49	96		59-139
Chlorobenzene	52	0	52	102		60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	52	53	103		9		22	59-172
Trichloroethene	52	54	104		6		24	62-137
Benzene	52	52	101		6		21	66-142
Toluene	52	54	105		9		21	59-139
Chlorobenzene	52	57	110		8		21	60-133

Column to be used to flag recovery and RPD value with an asterisk
* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

FORM III CLP-VOA-2

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Matrix Spike - NYSDEC Sample No: VBLK08 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50	0	44	87	59-172
Trichloroethene	50	0	44	88	62-137
Benzene	50	0	42	85	66-142
Toluene	50	0	42	85	59-139
Chlorobenzene	50	0	46	92	60-133

Column to be used to flag recovery and RPD value with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS: _____

FORM III CLP-VOA-2

4A

VOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

VBLK01

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID: >B5205 Lab Sample ID: VBLK-QB0801

Date Analyzed: 08/01/94 Time Analyzed: 11:30

GC Column: CAP ID: 0.53(mm) Heated Purge: (Y/N) Y

Instrument ID: MSD/B

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS,MSD, AND MSB

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	B-4-4 MS	T407366-07AMS	>B5213	08/01/94
2	B-4-4 MSD	T407366-07AMSD	>B5214	08/01/94
3	B-4-4	T407366-07A	>B5217	08/01/94

COMMENTS:

page of

4A

VOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

VSTD050

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID: >B5292 Lab Samole ID: VSTD050

Date Analyzed: 08/08/94 Time Analyzed: 10:07

GC Column: CAP ID: 0.53(mm) Heated Purge: (Y/N) Y

Instrument ID: MSD/B

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS,MSD, AND MSB

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	VBLK08	VBLK-QB0808	>B5293	08/08/94
2	VBLK-MS	VBLK-MS	>B5294	08/08/94

COMMENTS:

page of

FORM IV-CLP-VOA

4A

VOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

VBLK09

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID: >C5433 Lab Sample ID: VBLK-QC0809

Date Analyzed: 08/09/94 Time Analyzed: 11:26

GC Column: CAP ID: 0.53(mm) Heated Purge: (Y/N) N

Instrument ID: MSD/C

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS,MSD, AND MSB

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	FLD BLK	T408103-7A	>C5450	08/09/94

COMMENTS:

page of

FORM IV-CLP-VOA

4A

VOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

VBLK10

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID: >B5327 Lab Sample ID: VBLK-QB0810

Date Analyzed: 08/10/94 Time Analyzed: 10:51

GC Column: CAP ID: 0.53(mm) Heated Purge: (Y/N) Y

Instrument ID: MSD/B

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS,MSD, AND MSB

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	SD-5	T408103-05	>B5337	08/10/94
2	SD-6	T408103-06	>B5338	08/10/94

COMMENTS:

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FORM IV-CLP-VOA

4A

VOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

VBLK11

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID: >B5346 Lab Sample ID: VBLK-QB0811

Date Analyzed: 08/11/94 Time Analyzed: 11:39

GC Column: CAP ID: 0.53(mm) Heated Purge: (Y/N) Y

Instrument ID: MSD/B

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS,MSD, AND MSB

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	SD-1	T408103-01	>B5347	08/11/94
2	SD-2	T408103-02	>B5348	08/11/94
3	SD-3	T408103-03	>B5349	08/11/94
4	SD-4	T408103-04	>B5350	08/11/94

COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

VBLK11

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID: >C5480 Lab Sample ID: VBLK-QC0811

Date Analyzed: 08/11/94 Time Analyzed: 14:23

GC Column: CAP ID: 0.53(mm) Heated Purge: (Y/N) N

Instrument ID: MSD/C

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS,MSD, AND MSB

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	FLD BLK RE	T408103-07 RE	>C5483	08/11/94

COMMENTS:

FORM IV-CLP-VOA

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: LRI Contract:

Lab Code: LRI Case No.: SAS No.: SDG No.:

Lab File ID: >B5075 BFB Injection Date: 7/22/94

Instrument ID: MSD/B BFB Injection Time: 17:04

GC Column : CAP ID: 0.53 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0% of mass 95	17.7	
75	30.0 - 60.0% of mass 95	40.5	
95	Base Peak, 100% relative abundance	100.	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.0	0.0)1
174	50.0 - 120.0% of mass 95	89.7	
175	5.0 - 9.0 % of mass 174	6.	7.2)1
176	95.0 - 101.0% of mass 174	88.4	98.5)1
177	5.0 - 9.0% of mass 176	5.8	6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANK, AND STANDARDS:

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	ANALYZED
1	VSTD010	VSTD010	>B5076	940722	17:52
2	VSTD020	VSTD020	>B5079	940722	19:56
3	VSTD050	VSTD050	>B5080	940722	20:36
4	VSTD100	VSTD100	>B5082	940722	21:54
5	VSTD200	VSTD200	>B5086	940723	00:30

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FORM V-CLP-VOA

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: LRI Contract:

Lab Code: LRI Case No.:08103 SAS No.: SDG No.:810301

Lab File ID: >B5203 BFB Injection Date: 8/01/94

Instrument ID: MSD/B BFB Injection Time: 10:03

GC Column : CAP ID: 0.53 (mm) Heated Purge: (Y/N)Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0% of mass 95	19.8	
75	30.0 - 60.0% of mass 95	44.9	
95	Base Peak, 100% relative abundance	100.	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	.5	.6)1
174	50.0 - 120.0% of mass 95	82.5	
175	5.0 - 9.0 % of mass 174	6.	7.1)1
176	95.0 - 101.0% of mass 174	81.3	98.5)1
177	5.0 - 9.0% of mass 176	5.3	6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANK, AND STANDARDS:

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	ANALYZED
1	VSTD050	VSTD050	>B5204	940801	10:37
2	VBLK01	VBLK-QB0801	>B5205	940801	11:30
3	B-4-4 MS	T407366-07AMS	>B5213	940801	17:04
4	B-4-4 MSD	T407366-07AMSD	>B5214	940801	17:44
5	B-4-4	T407366-07A	>B5217	940801	19:46

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: LRI Contract:

Lab Code: LRI Case No.:08103 SAS No.: SDG No.:810301

Lab File ID: >B5291 BFB Injection Date: 8/08/94

Instrument ID: MSD/B BFB Injection Time: 9:33

GC Column : CAP ID: 0.53 (mm) Heated Purge: (Y/N)Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0% of mass 95	18.1	
75	30.0 - 60.0% of mass 95	42.8	
95	Base Peak, 100% relative abundance	100.	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.0	0.0)1
174	50.0 - 120.0% of mass 95	92.9	
175	5.0 - 9.0 % of mass 174	7.	7.4)1
176	95.0 - 101.0% of mass 174	91.4	98.4)1
177	5.0 - 9.0% of mass 176	6.1	6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANK, AND STANDARDS:

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	ANALYZED
1	VSTD050	VSTD050	>B5292	940808	10:07
2	VBLK08	VBLK-QB0808	>B5293	940808	10:59
3	VBLK-MS	VBLK-MS	>B5294	940808	11:49

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: LRI Contract:

Lab Code: LRI Case No.:08103 SAS No.: SDG No.:810301

Lab File ID: >B5325 BFB Injection Date: 8/10/94

Instrument ID: MSD/B BFB Injection Time: 9:32

GC Column : CAP ID: 0.53 (mm) Heated Purge: (Y/N)Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0% of mass 95	18.1	
75	30.0 - 60.0% of mass 95	41.1	
95	Base Peak, 100% relative abundance	100.	
96	5.0 - 9.0% of mass 95	6.4	
173	Less than 2.0% of mass 174	0.0	0.0)1
174	50.0 - 120.0% of mass 95	90.7	
175	5.0 - 9.0 % of mass 174	7.	7.2)1
176	95.0 - 101.0% of mass 174	90.8	100.0)1
177	5.0 - 9.0% of mass 176	5.8	6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANK, AND STANDARDS:

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	ANALYZED
1	VSTD050	VSTD050	>B5326	940810	10:04
2	VBLK10	VBLK-QB0810	>B5327	940810	10:51
3	SD-5	T408103-05	>B5337	940810	17:46
4	SD-6	T408103-06	>B5338	940810	18:26

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: LRI Contract:

Lab Code: LRI Case No.:08103 SAS No.: SDG No.:810301

Lab File ID: >B5344 BFB Injection Date: 8/11/94

Instrument ID: MSD/B BFB Injection Time: 10:10

GC Column : CAP ID: 0.53 (mm) Heated Purge: (Y/N)Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0% of mass 95	17.8	
75	30.0 - 60.0% of mass 95	41.0	
95	Base Peak, 100% relative abundance	100.	
96	5.0 - 9.0% of mass 95	6.5	
173	Less than 2.0% of mass 174	0.0	0.0)1
174	50.0 - 120.0% of mass 95	92.3	
175	5.0 - 9.0 % of mass 174	7.	7.2)1
176	95.0 - 101.0% of mass 174	89.6	97.0)1
177	5.0 - 9.0% of mass 176	6.0	6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANK, AND STANDARDS:

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	ANALYZED
1	VSTD050	VSTD050	>B5345	940811	10:48
2	VBLK11	VBLK-QB0811	>B5346	940811	11:39
3	SD-1	T408103-01	>B5347	940811	12:42
4	SD-2	T408103-02	>B5348	940811	13:21
5	SD-3	T408103-03	>B5349	940811	14:02
6	SD-4	T408103-04	>B5350	940811	14:42

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: LRI Contract:

Lab Code: LRI Case No.: SAS No.: SDG No.:

Lab File ID: >C5249 BFB Injection Date: 7/28/94

Instrument ID: MSD/C BFB Injection Time: 9:43

GC Column : CAP ID: 0.53 (mm) Heated Purge: (Y/N)N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0% of mass 95	20.8	
75	30.0 - 60.0% of mass 95	50.2	
95	Base Peak, 100% relative abundance	100.	
96	5.0 - 9.0% of mass 95	7.1	
173	Less than 2.0% of mass 174	0.0	0.0)1
174	50.0 - 120.0% of mass 95	83.1	
175	5.0 - 9.0 % of mass 174	7.	8.2)1
176	95.0 - 101.0% of mass 174	80.6	97.0)1
177	5.0 - 9.0% of mass 176	6.2	7.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANK, AND STANDARDS:

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	ANALYZED
1	VSTD050	VSTD050	>C5250	940728	10:19
2	VSTD020	VSTD020	>C5252	940728	11:39
3	VSTD100	VSTD100	>C5253	940728	12:18
4	VSTD200	VSTD200	>C5257	940728	15:05
5	VSTD010	VSTD010	>C5260	940728	17:18

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: LRI Contract:

Lab Code: LRI Case No.:08103 SAS No.: SDG No.:810301

Lab File ID: >C5431 BFB Injection Date: 8/09/94

Instrument ID: MSD/C BFB Injection Time: 10:22

GC Column : CAP ID: 0.53 (mm) Heated Purge: (Y/N)N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0% of mass 95	21.5	
75	30.0 - 60.0% of mass 95	45.5	
95	Base Peak, 100% relative abundance	100.	
96	5.0 - 9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.0	0.0)1
174	50.0 - 120.0% of mass 95	72.5	
175	5.0 - 9.0 % of mass 174	5.	7.3)1
176	95.0 - 101.0% of mass 174	72.3	99.7)1
177	5.0 - 9.0% of mass 176	5.2	7.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANK, AND STANDARDS:

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	ANALYZED
1	VSTD050	VSTD050	>C5432	940809	10:36
2	VBLK09	VBLK-QC0809	>C5433	940809	11:26
3	FLD BLK	T408103-7A	>C5450	940809	22:22

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: LRI Contract:

Lab Code: LRI Case No.:08103 SAS No.: SDG No.:810301

Lab File ID: >C5472 BFB Injection Date: 8/11/94

Instrument ID: MSD/C BFB Injection Time: 9:30

GC Column : CAP ID: 0.53 (mm) Heated Purge: (Y/N)N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0% of mass 95	21.1	
75	30.0 - 60.0% of mass 95	46.5	
95	Base Peak, 100% relative abundance	100.	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.0	0.0)1
174	50.0 - 120.0% of mass 95	78.9	
175	5.0 - 9.0 % of mass 174	6.	7.0)1
176	95.0 - 101.0% of mass 174	78.4	99.3)1
177	5.0 - 9.0% of mass 176	5.3	6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANK, AND STANDARDS:

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	ANALYZED
1	VSTD050	VSTD050	>C5474	940811	10:26
2	VBLK11	VBLK-QC0811	>C5480	940811	14:23
3	FLD BLK RE	T408103-07 RE	>C5483	940811	16:34

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SD-1

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: T408103-01

Sample wt/vol: 5.0 [g/mL] G Lab File ID: >B5347

Level: [low/med] LOW Date Received: 08/09/94

% Moisture: 4.0 decanted (Y/N) N Date Analyzed : 08/11/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	4	J
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

SADF: 1.04 FORM I-CLP-VOA-1 Total Hits: 1

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.
SD-1

Lab Name: LRI Contract:

Lab Code: LRI Case No. 08103 SAS No.: SDG No.: 810301

Matrix: (soil/water) SOIL Lab Sample ID: T408103-01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >B5347

Level: (low/med) LOW Date Received: 08/09/94

% Moisture: 4 Date Analyzed: 08/11/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

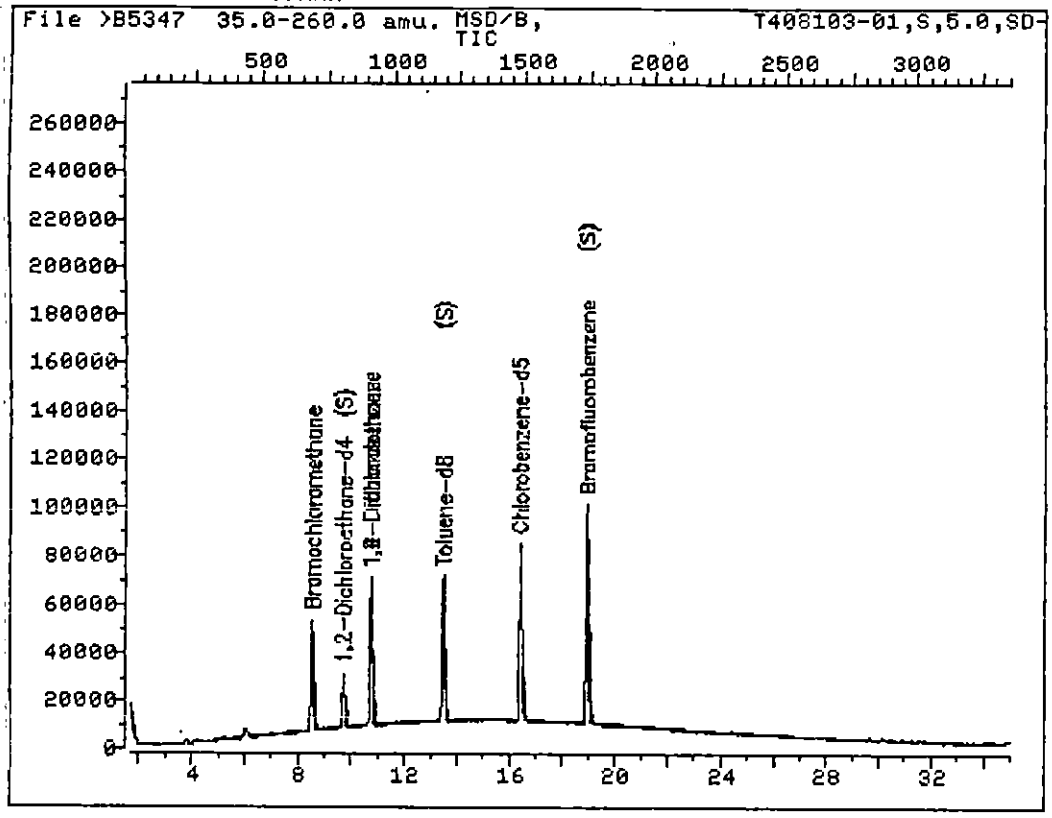
Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	Unknown	6.01	8.	JB

FORM I-CLP-VOA-TIC

TOTAL ION CHROMATOGRAM



Data File: >B5347::B4 Quant Output File: ^B5347::QT
Name: MSD/B, Instrument ID: B
Misc: T408103-01,S,5.0,SD-1,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940811 10:48

Operator ID: KATHY
Quant Time : 940811 13:19
Injected at: 940811 12:42

QUANT REPORT Page 1

perator ID: KATHY Quant Rev: 7 Quant Time: 940811 13:19
utput File: ^B5347::QT Injected at: 940811 12:42
Data File: >B5347::B4 Dilution Factor: 1.00000
ame: MSD/B, Instrument ID: B
isc: T408103-01,S,5.0,SD-1,

ID File: IDB90S::C2
itle: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940811 10:48

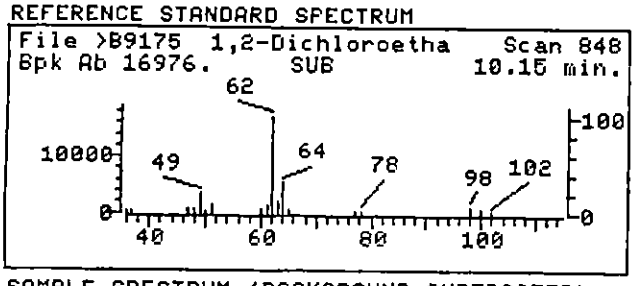
	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane		8.52	127.9	40985	50.00	ppb	99
14)	1,2-Dichloroethane		10.69	62.0	4811M	3.37	ppb	
15)	1,2-Dichloroethane-d4	(S)	9.68	65.0	46620	51.03	ppb	85
16)	*1,4-Difluorobenzene		10.69	114.0	162085	50.00	ppb	93
28)	*Chlorobenzene-d5		16.35	117.0	141514	50.00	ppb	90
30)	Toluene-d8	(S)	13.46	98.0	135210	49.67	ppb	96
38)	Bromofluorobenzene	(S)	18.92	95.0	115616	46.37	ppb	91

* Compound is ISTD

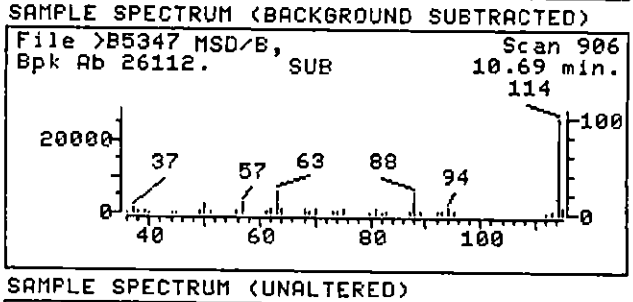
(1)

8/25/94

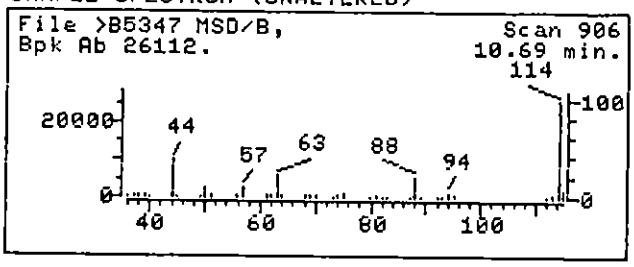
REFERENCE STANDARD SPECTRUM

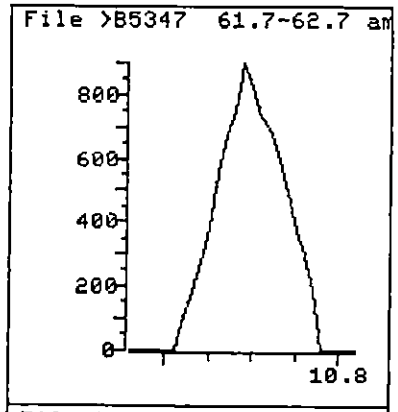


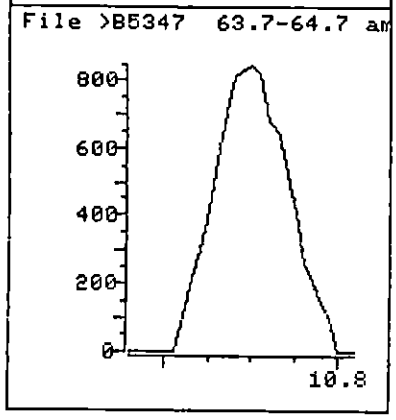
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)







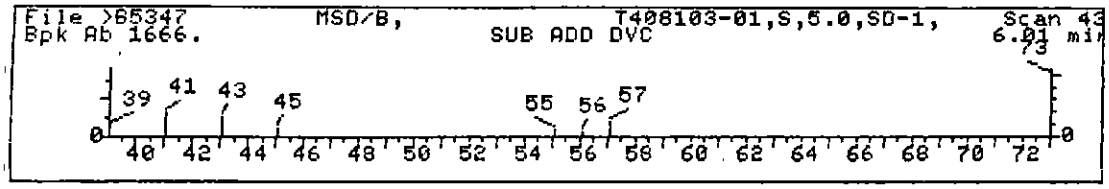
Data File: >B5347::B4
Name: MSD/B,
Misc: T408103-01,S,5.0,SD-1,
Quant Time: 940811 13:19
Injected at: 940811 12:42
Last Qcal Time: 940811 10:48

Quant Output File: ^B5347::QT
Instrument ID: B

Quant ID File: IDB90S::C2
Last Calibration: 940724 15:20

Compound No : 14
Compound Name : 1,2-Dichloroethane
Scan Number : 906
Retention Time: 10.69 min.
Quant Ion : 62.0
Area : 4811M
Concentration : 3.37 ppb

Intrument ID : MSD/B,, Analysis Date : 8/11/94 12:42



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Area = 43036.00 Tentative Concentration (ppb) is 8.00

Sample file: >B5347 Spectrum #: 435

No data base entries were retrieved.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SD-2

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: T408103-02

Sample wt/vol: 5.0 [g/mL] G Lab File ID: >B5348

Level: [low/med] LOW Date Received: 08/09/94

% Moisture: 8.0 decanted (Y/N) N Date Analyzed : 08/11/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	1	J
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SD-2

Lab Name: LRI Contract:

Lab Code: LRI Case No. 08103 SAS No.: SDG No.: 810301

Matrix: (soil/water) SOIL Lab Sample ID: T408103-02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >B5348

Level: (low/med) LOW Date Received: 08/09/94

% Moisture: 8 Date Analyzed: 08/11/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

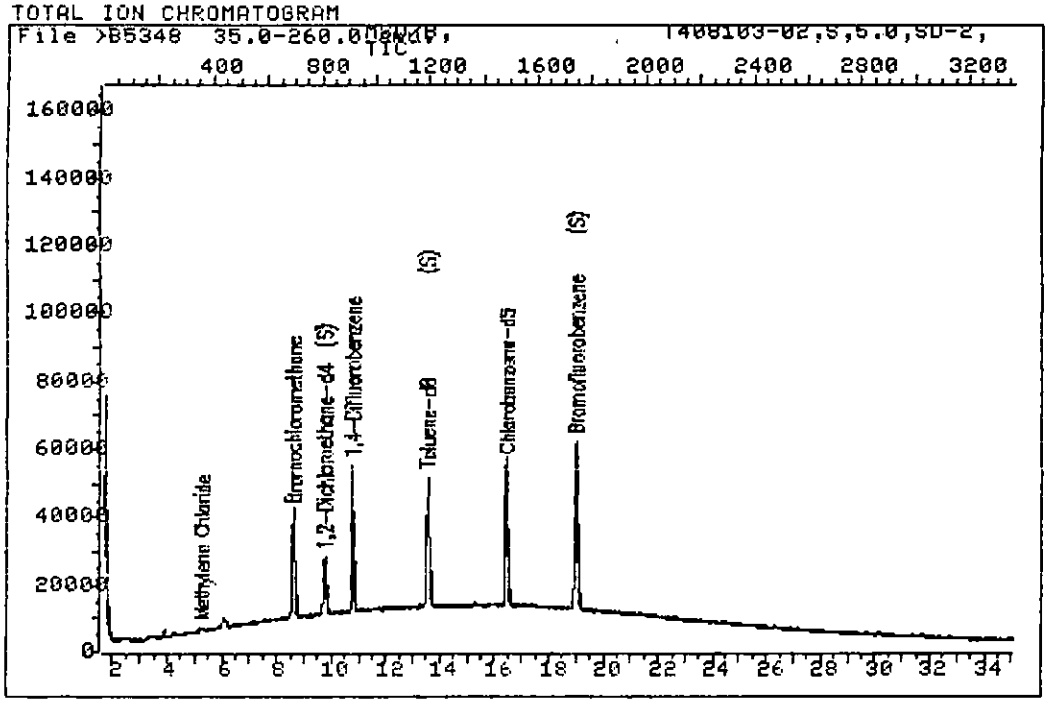
Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	Unknown	6.03	9.	JB am

FORM I-CLP-VOA-TIC

TOTAL ION CHROMATOGRAM



Data File: >B5348::B4 Quant Output File: ^B5348::QT
Name: MSD/B, Instrument ID: B
Misc: T408103-02,S,5.0,SD-2,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940811 10:48

Operator ID: KATHY
Quant Time : 940811 13:59
Injected at: 940811 13:21

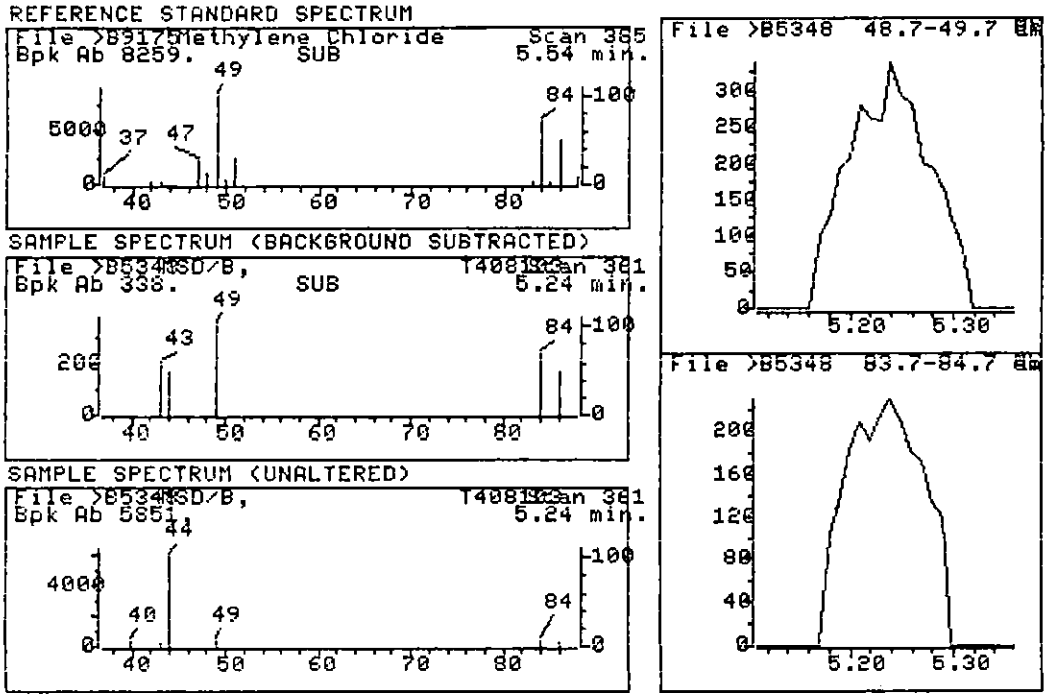
Operator ID: KATHY Quant Rev: 7 Quant Time: 940811 13:59
Output File: ^B5348::QT Injected at: 940811 13:21
Data File: >B5348::B4 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: T408103-02,S,5.0,SD-2,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940811 10:48

	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane		8.56	127.9	29225	50.00	ppb	99
9)	Methylene Chloride		5.24	84.0	1237M	1.19	ppb	100
15)	1,2-Dichloroethane-d4	(S)	9.73	65.0	33402	51.28	ppb	90
16)	*1,4-Difluorobenzene		10.74	114.0	110182	50.00	ppb	93
28)	*Chlorobenzene-d5		16.41	117.0	83924	50.00	ppb	90
30)	Toluene-d8	(S)	13.50	98.0	88118	54.58	ppb	94
38)	Bromofluorobenzene	(S)	18.97	95.0	63483	42.93	ppb	93

* Compound is ISTD

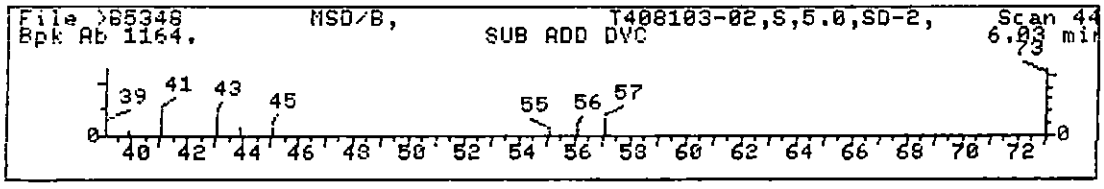
Hit-MS



Data File: >B5348::B4 Quant Output File: ^B5348::QT
Name: MSD/B, Instrument ID: B
Misc: T408103-02,S,5.0,SD-2,
Quant Time: 940811 13:59 Quant ID File: IDB90S::C2
Injected at: 940811 13:21 Last Calibration: 940724 15:20
Last Qcal Time: 940811 10:48

Compound No : 9
Compound Name : Methylene Chloride
Scan Number : 361
Retention Time: 5.24 min.
Quant Ion : 84.0
Area : 1237M
Concentration : 1.19 ppb
q-value : 100

Intrument ID : MSD/B,, Analysis Date : 8/11/94 13:21



. Unknown #,2
Area = 33579.00 Tentative Concentration (ppb) is 8.00

Sample file: >B5348 Spectrum #: 441

No data base entries were retrieved.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SD-3

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: T408103-03

Sample wt/vol: 5.0 [g/mL] G Lab File ID: >B5349

Level: [low/med] LOW Date Received: 08/09/94

% Moisture: 16.0 decanted (Y/N) N Date Analyzed : 08/11/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	1	J
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

SADF: 1.19 FORM I-CLP-VOA-1 Total Hit(s 39 1

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SD-3

Lab Name: LRI Contract:

Lab Code: LRI Case No. 08103 SAS No.: SDG No.: 810301

Matrix: (soil/water) SOIL Lab Sample ID: T408103-03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >B5349

Level: (low/med) LOW Date Received: 08/09/94

% Moisture: 16 Date Analyzed: 08/11/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

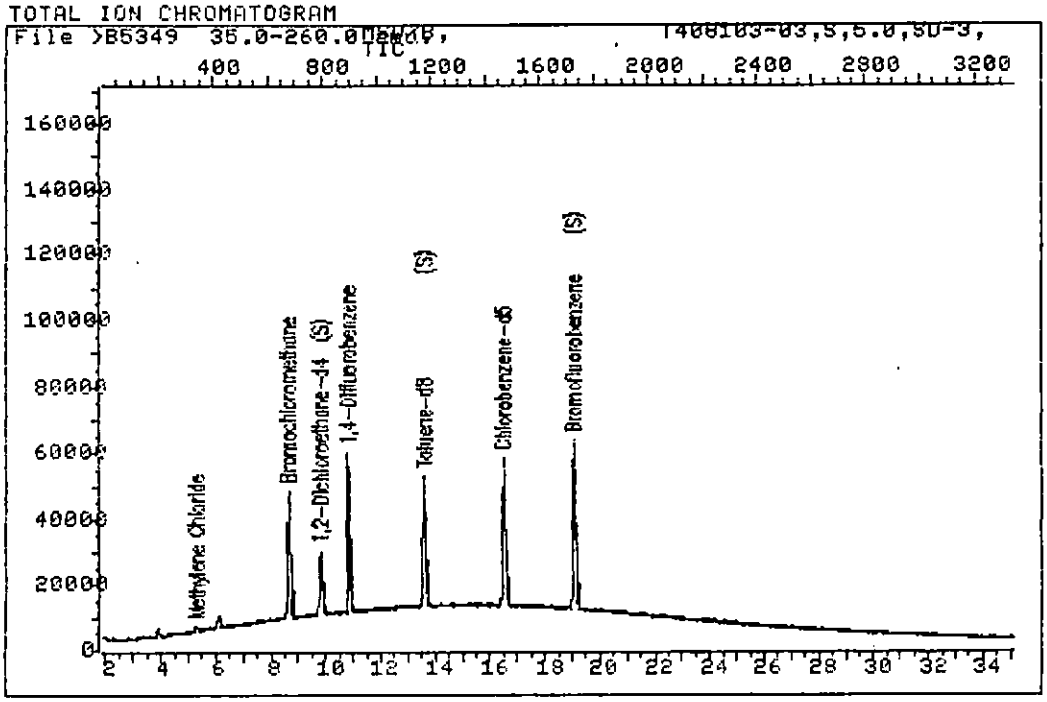
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	Unknown	6.09	21.	JB am

FORM I-CLP-VOA-TIC

TOTAL ION CHROMATOGRAM



Data File: >B5349::B4 Quant Output File: ^B5349::QT
Name: MSD/B, Instrument ID: B
Misc: T408103-03,S,5.0,SD-3,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940811 10:48

Operator ID: KATHY
Quant Time : 940811 14:40
Injected at: 940811 14:02

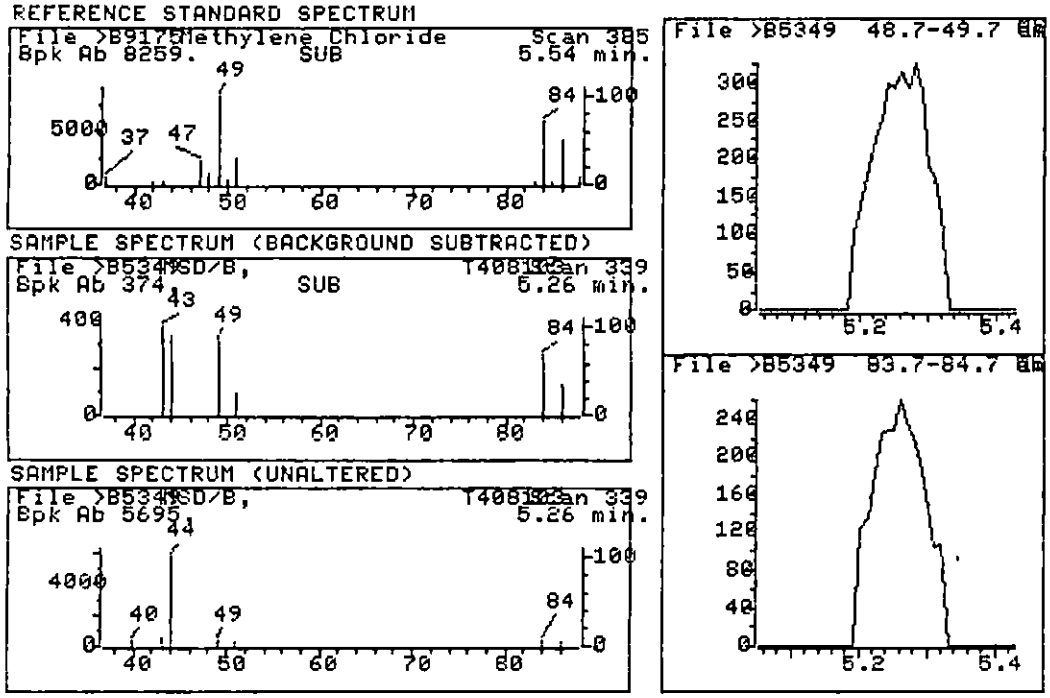
Operator ID: KATHY Quant Rev: 7 Quant Time: 940811 14:40
Output File: ^B5349::QT Injected at: 940811 14:02
Data File: >B5349::B4 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: T408103-03,S,5.0,SD-3,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940811 10:48

	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane		8.60	127.9	34115	50.00	ppb	99
9)	Methylene Chloride		5.26	84.0	1411M	1.17	ppb	
15)	1,2-Dichloroethane-d4	(S)	9.77	65.0	40338	53.05	ppb	90
16)	*1,4-Difluorobenzene		10.78	114.0	125949	50.00	ppb	94
28)	*Chlorobenzene-d5		16.44	117.0	87310	50.00	ppb	91
30)	Toluene-d8	(S)	13.55	98.0	88831	52.89	ppb	95
38)	Bromofluorobenzene	(S)	19.01	95.0	64703	42.06	ppb	93

* Compound is ISTD

1Hit=MY

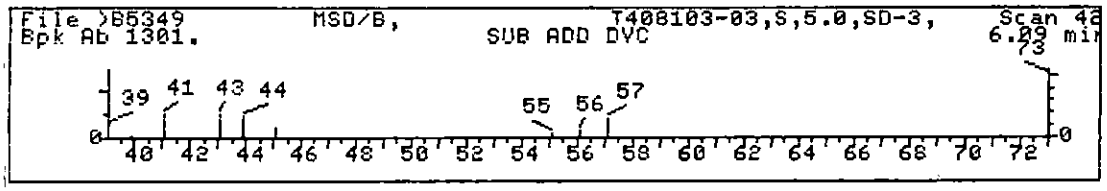


Data File: >B5349::B4
Name: MSD/B,
Misc: T408103-03,S,5.0,SD-3,
Quant Time: 940811 14:40
Injected at: 940811 14:02
Last Qcal Time: 940811 10:48

Quant Output File: ^B5349::QT
Instrument ID: B
Quant ID File: IDB90S::C2
Last Calibration: 940724 15:20

Compound No : 9
Compound Name : Methylene Chloride
Scan Number : 339
Retention Time: 5.26 min.
Quant Ion : 84.0
Area : 1411M
Concentration : 1.17 ppb

Intrument ID : MSD/B,, Analysis Date : 8/11/94 14:02



. Unknown #,2
Area = 83750.00 Tentative Concentration (ppb) is 18.00

Sample file: >B5349 Spectrum #: 422

No data base entries were retrieved.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SD-4

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: T408103-04

Sample wt/vol: 5.0 [g/mL] G Lab File ID: >B5350

Level: [low/med] LOW Date Received: 08/09/94

% Moisture: 5.0 decanted (Y/N) N Date Analyzed : 08/11/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	11	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

SADF: 1.05 FORM I-CLP-VOA-1 Total Hit(s): 0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SD-4

Lab Name: LRI Contract:

Lab Code: LRI Case No. 08103 SAS No.: SDG No.: 810301

Matrix: (soil/water) SOIL Lab Sample ID: T408103-04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >B5350

Level: (low/med) LOW Date Received: 08/09/94

% Moisture: 5 Date Analyzed: 08/11/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

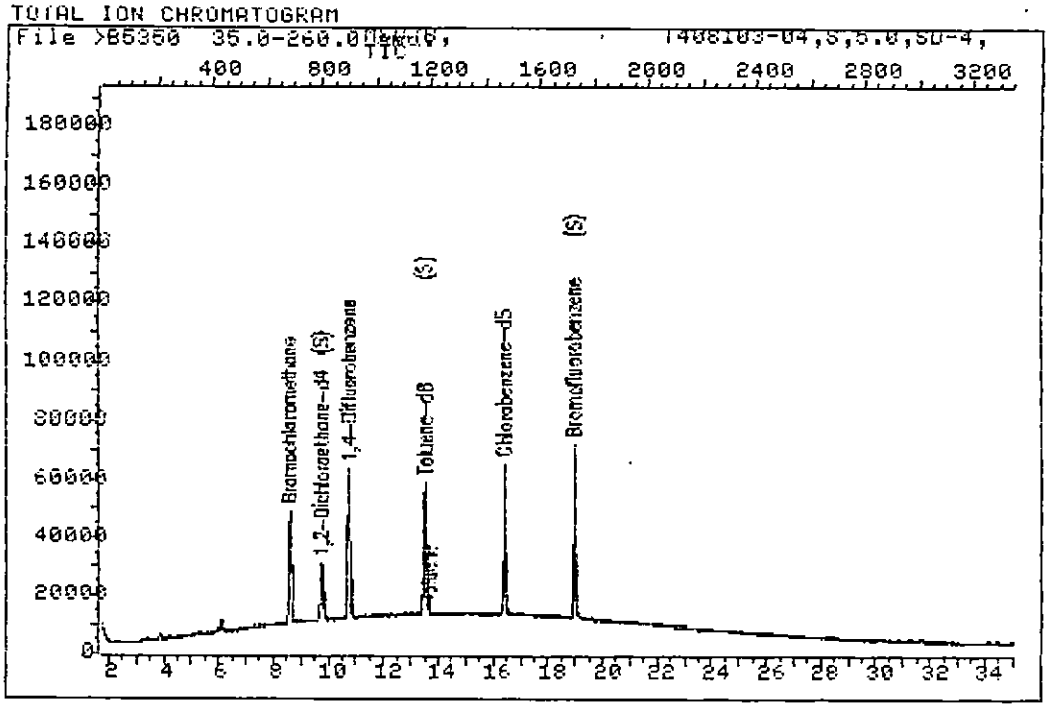
Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	Unknown	6.07	5.	JB a

FORM I-CLP-VOA-TIC

TOTAL ION CHROMATOGRAM



Data File: >B5350::B4 Quant Output File: ^B5350::QT
Name: MSD/B, Instrument ID: B
Misc: T408103-04,S,5.0,SD-4,

Id File: ID890S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940811 10:48

Operator ID: KATHY
Quant Time : 940811 15:19
Injected at: 940811 14:42

Operator ID: KATHY Quant Rev: 7 Quant Time: 940811 15:19
Output File: ^B5350::QT Injected at: 940811 14:42
Data File: >B5350::B4 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: T408103-04,S,5.0,SD-4,

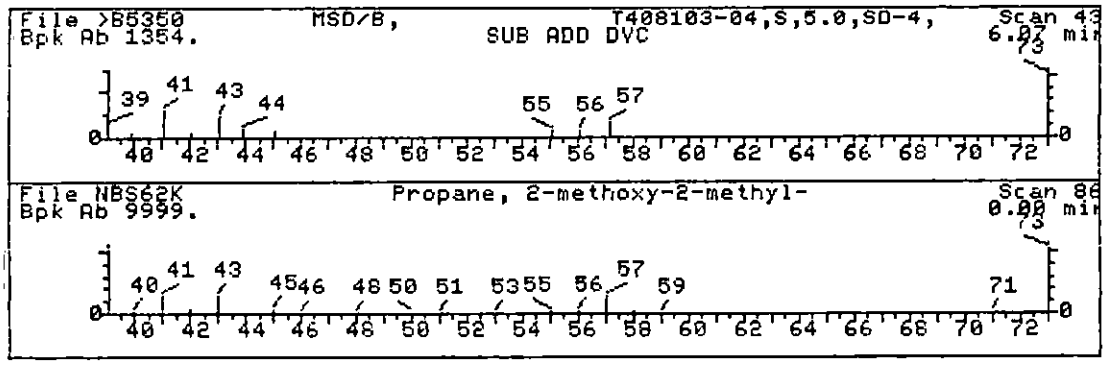
ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940811 10:48

	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane		8.54	127.9	35142	50.00	ppb	99
15)	1,2-Dichloroethane-d4	(S)	9.71	65.0	40503	51.71	ppb	88
16)	*1,4-Difluorobenzene		10.72	114.0	132758	50.00	ppb	92
28)	*Chlorobenzene-d5		16.37	117.0	100278	50.00	ppb	91
30)	Toluene-d8	(S)	13.49	98.0	101500	52.61	ppb	94
31)	Toluene		13.62	92.0	513	~~.312~~	ppb	86
38)	Bromofluorobenzene	(S)	18.93	95.0	75143	42.53	ppb	92

* Compound is ISTD

Oth+-my

Intrument ID : MSD/B,, Analysis Date : 8/11/94 14:42



. Unknown #,2
Area = 25521.00 Tentative Concentration (ppb) is 5.00

1. Propane, 2-methoxy-2-methyl- 88 C5H12O

Sample file: >B5350 Spectrum #: 431
Search speed: 1 Tilting option: S No. of ion ranges searched: 43

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	52	1634044	5795	NBS62K	37	42	2	0	93	17	20	12

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SD-5

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: T408103-05

Sample wt/vol: 5.0 [g/mL] G Lab File ID: >B5337

Level: [low/med] LOW Date Received: 08/09/94

% Moisture: 6.0 decanted (Y/N) N Date Analyzed : 08/10/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	1	J
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SD-5

Lab Name: LRI Contract:

Lab Code: LRI Case No. 08103 SAS No.: SDG No.: 810301

Matrix: (soil/water) SOIL Lab Sample ID: T408103-05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >B5337

Level: (low/med) LOW Date Received: 08/09/94

% Moisture: 6 Date Analyzed: 08/10/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

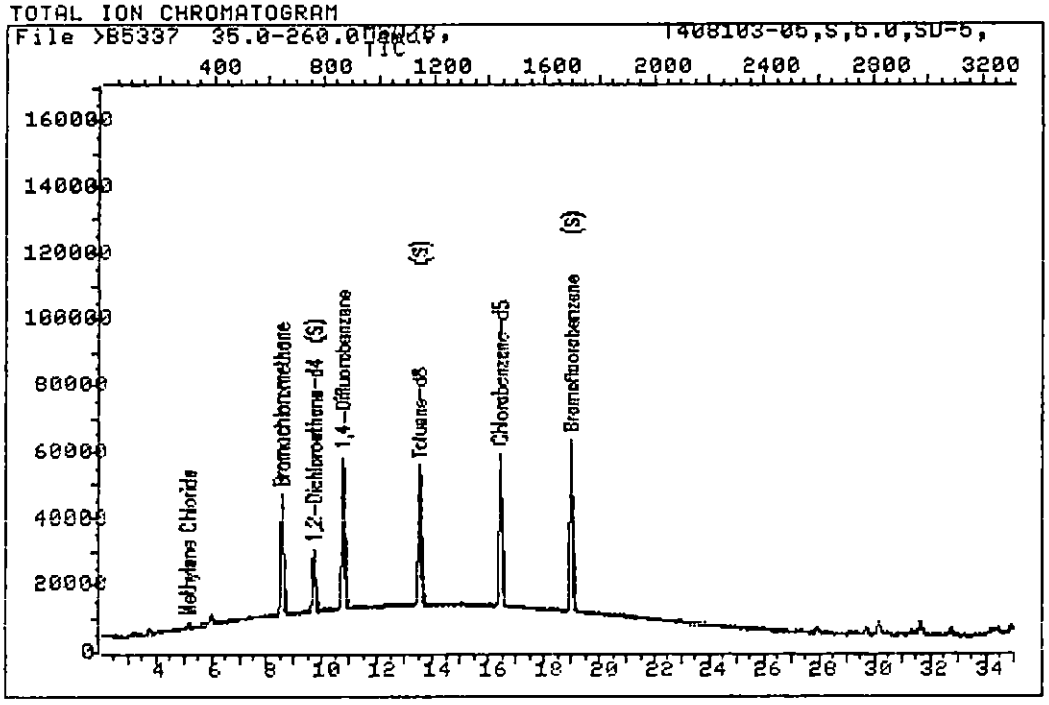
Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	- -	Unknown	5.99	9.	J B AW
2.	- -	Unknown	30.15	9.	J
3.	- -	Unknown Alkane	31.67	7.	J
4.	- -	Unknown	32.73	9.	J
5.	- -	Unknown	34.45	12.	J

FORM I-CLP-VOA-TIC

TOTAL ION CHROMATOGRAM



Data File: >B5337::B4 Quant Output File: ^B5337::QT
Name: MSD/B, Instrument ID: B
Misc: T408103-05,S,5.0,SD-5,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940810 10:04

Operator ID: KATHY
Quant Time : 940810 18:23
Injected at: 940810 17:46

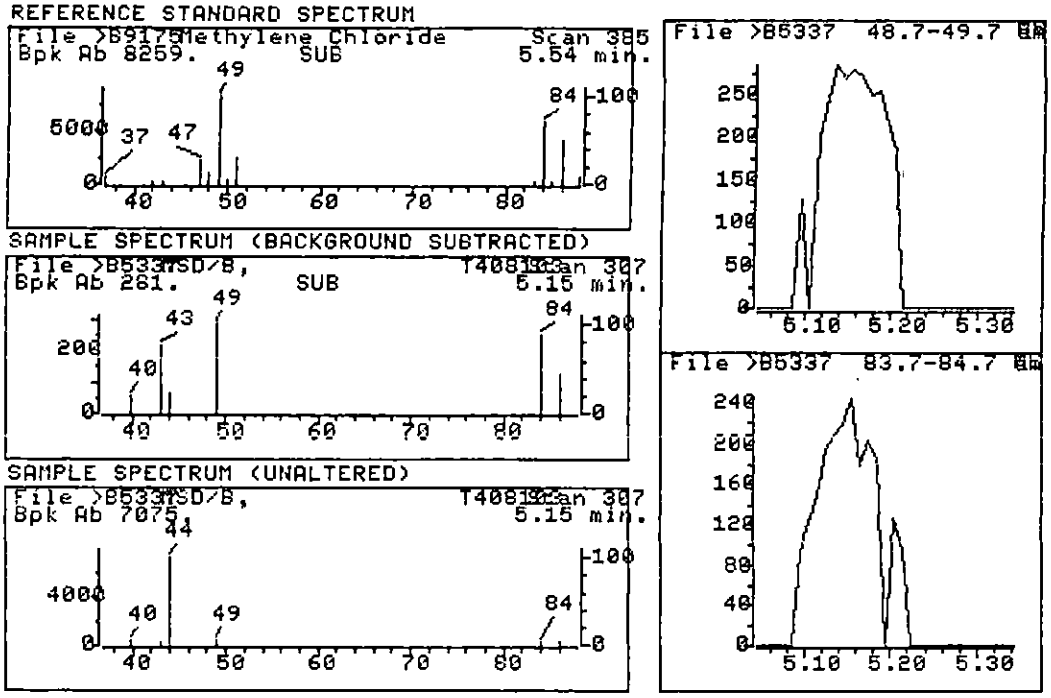
Operator ID: KATHY Quant Rev: 7 Quant Time: 940810 18:23
Output File: ^B5337::QT Injected at: 940810 17:46
Data File: >B5337::B4 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: T408103-05,S,5.0,SD-5,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940810 10:04

	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane		8.52	127.9	32029	50.00 ✓	ppb	98
9)	Methylene Chloride		5.15	84.0	1204M	1.21 ✓	ppb	
15)	1,2-Dichloroethane-d4	(S)	9.70	65.0	37560	53.06	ppb	90
16)	*1,4-Difluorobenzene		10.72	114.0	119258	50.00	ppb	92
28)	*Chlorobenzene-d5		16.40	117.0	89705	50.00	ppb	90
30)	Toluene-d8	(S)	13.49	98.0	94788	54.47	ppb	95
38)	Bromofluorobenzene	(S)	18.98	95.0	64951	41.91	ppb	91

* Compound is ISTD

Hit=My

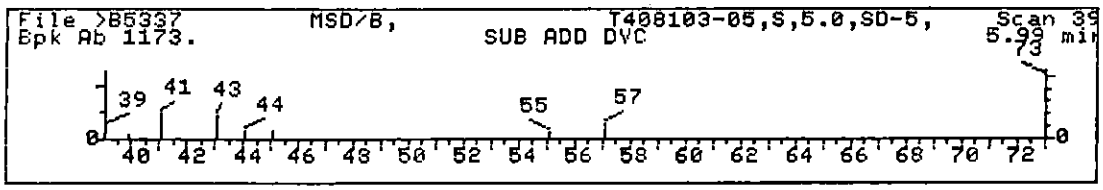


Data File: >B5337::B4
Name: MSD/B,
Misc: T408103-05,S,5.0,SD-5,
Quant Time: 940810 18:23
Injected at: 940810 17:46
Last Qcal Time: 940810 10:04

Quant Output File: ^B5337::QT
Instrument ID: B
Quant ID File: IDB90S::C2
Last Calibration: 940724 15:20

Compound No : 9
Compound Name : Methylene Chloride
Scan Number : 307
Retention Time: 5.15 min.
Quant Ion : 84.0
Area : 1204M
Concentration : 1.21 ppb

Intrument ID : MSD/B,, Analysis Date : 8/10/94 17:46

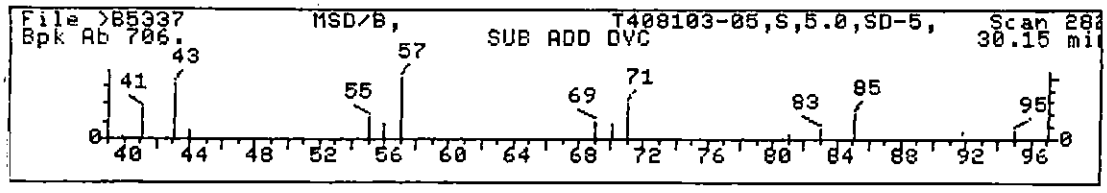


. Unknown #,2
Area = 34686.00 Tentative Concentration (ppb) is 8.00

Sample file: >B5337 Spectrum #: 391

No data base entries were retrieved.

Intrument ID : MSD/B,, Analysis Date : 8/10/94 17:46

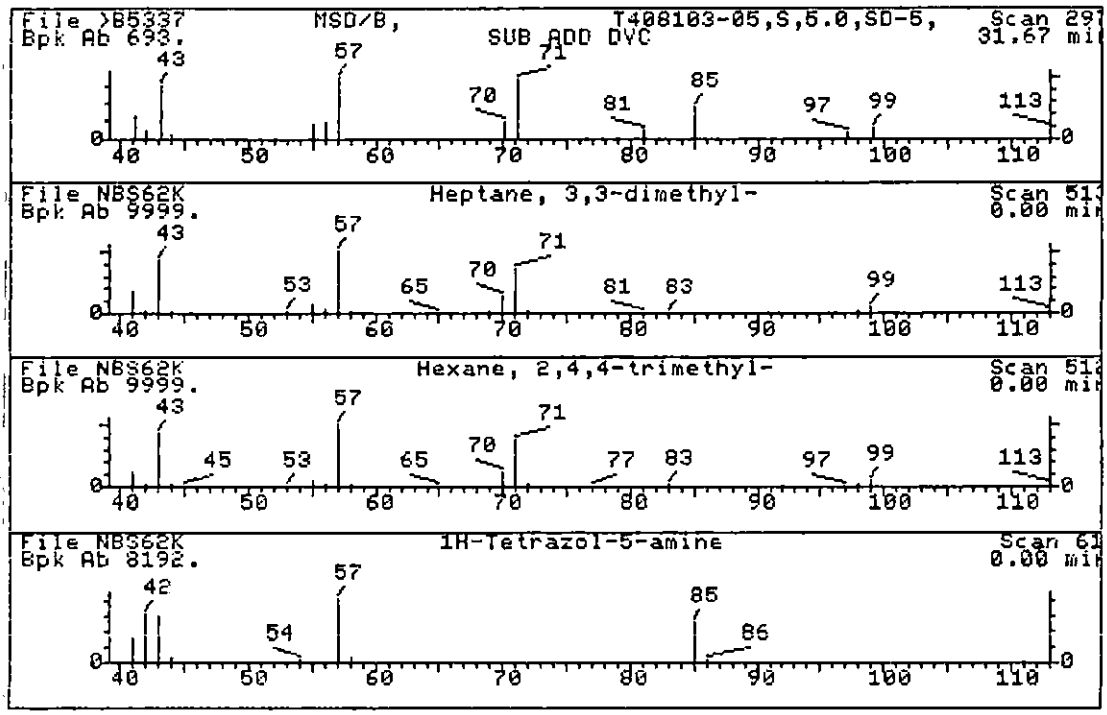


. Unknown #,3
Area = 45147.00 Tentative Concentration (ppb) is 8.00

Sample file: >B5337 Spectrum #: 2824

No data base entries were retrieved.

Intrument ID : MSD/B,, Analysis Date : 8/10/94 17:46



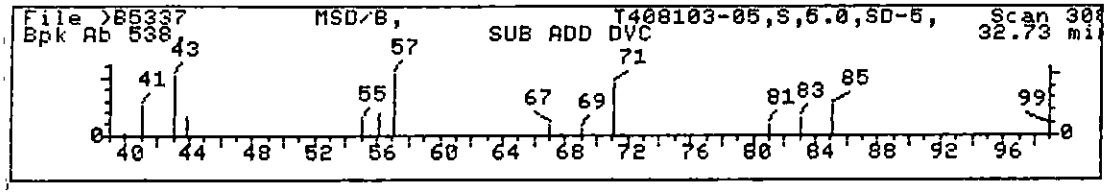
. Unknown #,4
Area = 37388.00 Tentative Concentration (ppb) is 7.00

1.	Heptane, 3,3-dimethyl-	128	C9H20
2.	Hexane, 2,4,4-trimethyl-	128	C9H20
3.	1H-Tetrazol-5-amine	85	CH3N5

Sample file: >B5337 Spectrum #: 2977
Search speed: 1 Tilting option: S No. of ion ranges searched: 43

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	41	4032864	5178	NBS62K	43	48	2	0	99	21	17	12
2.	41	16747301	5176	NBS62K	38	49	2	0	99	21	17	12
3.	24*	4418615	2	NBS62K	22	103	3	0	80	43	8	12

Intrument ID : MSD/B,, Analysis Date : 8/10/94 17:46

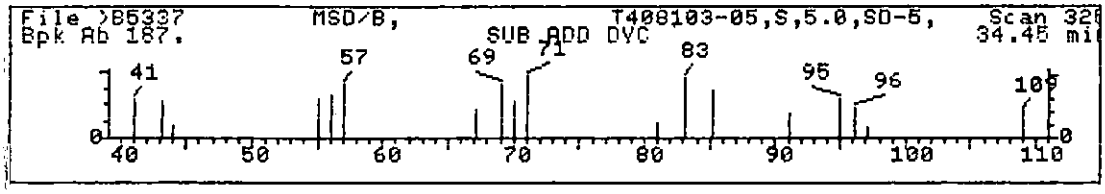


. Unknown #,5
Area = 42259.00 Tentative Concentration (ppb) is 8.00

Sample file: >B5337 Spectrum #: 3084

No data base entries were retrieved.

Intrument ID : MSD/B,, Analysis Date : 8/10/94 17:46



. Unknown #,6
Area = 61791.00 Tentative Concentration (ppb) is 11.00

Sample file: >B5337 Spectrum #: 3257

No data base entries were retrieved.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SD-6

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: T408103-06

Sample wt/vol: 5.0 [g/mL] G Lab File ID: >B5338

Level: [low/med] LOW Date Received: 08/09/94

% Moisture: 4.0 decanted (Y/N) N Date Analyzed : 08/10/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	1	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

SADF: 1.04 FORM I-CLP-VOA-1 Total Hit(s) 1

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SD-6

Lab Name: LRI Contract:

Lab Code: LRI Case No. 08103 SAS No.: SDG No.: 810301

Matrix: (soil/water) SOIL Lab Sample ID: T408103-06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >B5338

Level: (low/med) LOW Date Received: 08/09/94

% Moisture: 4 Date Analyzed: 08/10/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

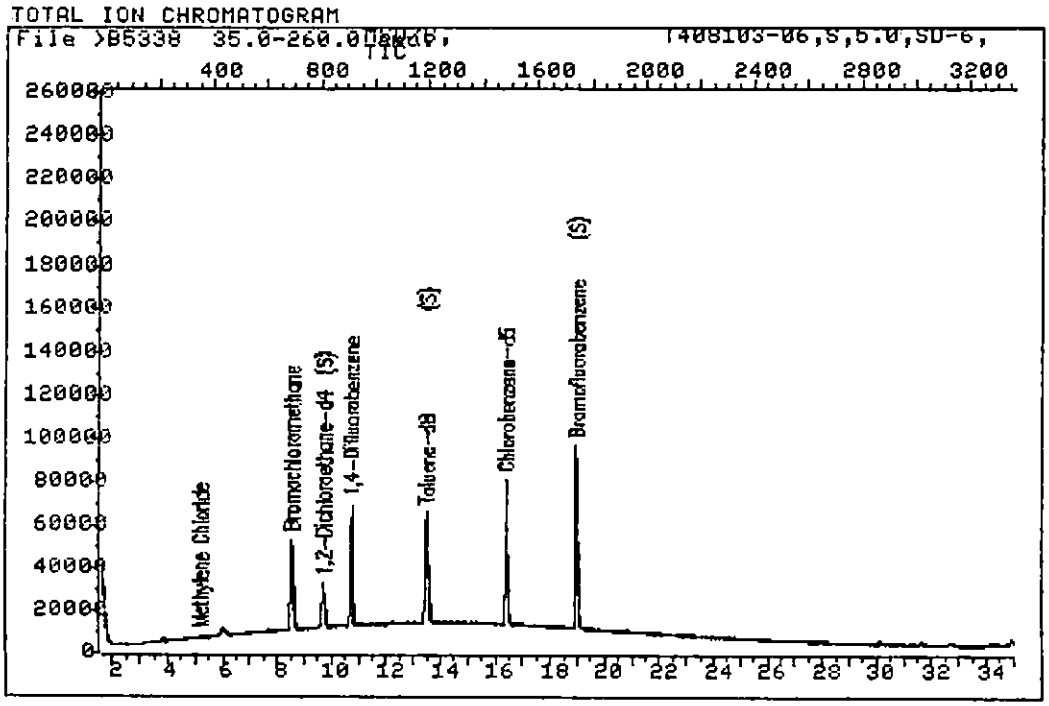
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	Unknown	6.00	20.	JB AMW

FORM I-CLP-VOA-TIC



Data File: >B5338::B4 Quant Output File: ^B5338::QT
Name: MSD/B, Instrument ID: B
Misc: T408103-06,S,5.0,SD-6,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940810 10:04

Operator ID: KATHY
Quant Time : 940810 19:02
Injected at: 940810 18:26

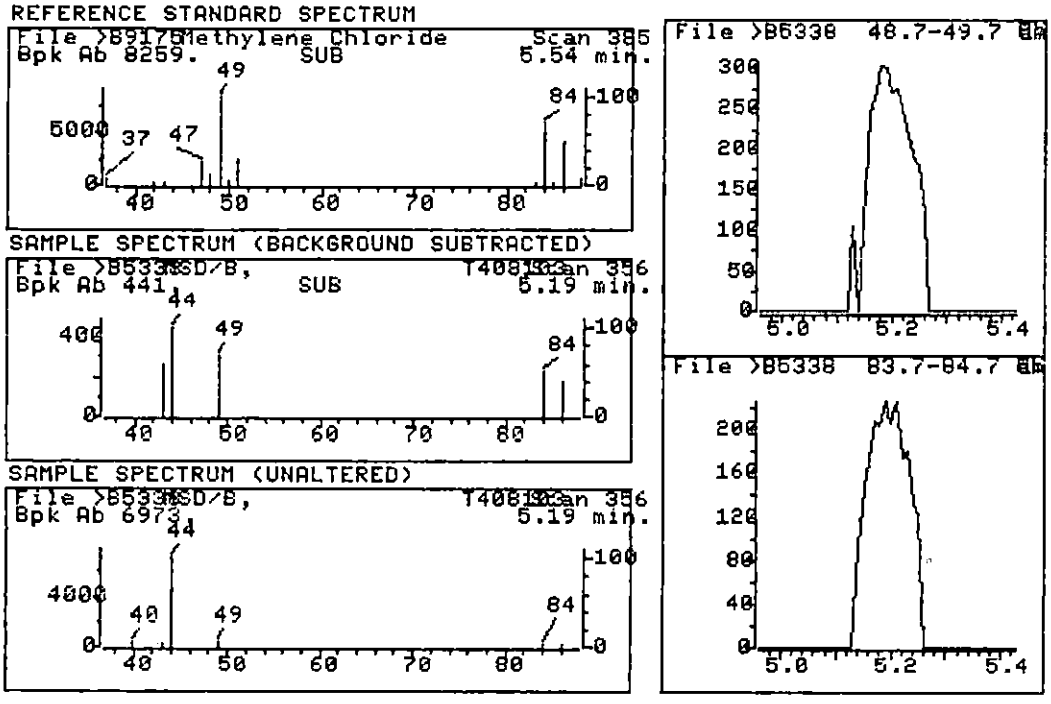
Operator ID: KATHY Quant Rev: 7 Quant Time: 940810 19:02
Output File: ^B5338::QT Injected at: 940810 18:26
Data File: >B5338::B4 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: T408103-06,S,5.0,SD-6,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940810 10:04

	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane		8.52	127.9	37259	50.00	ppb	99
9)	Methylene Chloride		5.19	84.0	1248M	1.07	ppb	99
15)	1,2-Dichloroethane-d4	(S)	9.69	65.0	42381	51.47	ppb	93
16)	*1,4-Difluorobenzene		10.71	114.0	151054	50.00	ppb	94
28)	*Chlorobenzene-d5		16.38	117.0	128549	50.00	ppb	92
30)	Toluene-d8	(S)	13.48	98.0	116553	46.74	ppb	95
38)	Bromofluorobenzene	(S)	18.95	95.0	107682	48.49	ppb	94

* Compound is ISTD

1 hit = MV



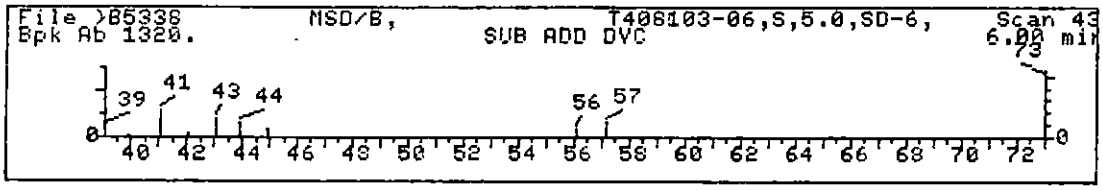
Data File: >B5338::B4
Name: MSD/B,
Misc: T408103-06,S,5.0,SD-6,
Quant Time: 940810 19:02
Injected at: 940810 18:26
Last Qcal Time: 940810 10:04

Quant Output File: ^B5338::QT
Instrument ID: B

Quant ID File: IDB90S::C2
Last Calibration: 940724 15:20

Compound No : 9
Compound Name : Methylene Chloride
Scan Number : 356
Retention Time: 5.19 min.
Quant Ion : 84.0
Area : 1248M
Concentration : 1.07 ppb
q-value : 99

Intrument ID : MSD/B,, Analysis Date : 8/10/94 18:26



. Unknown #,2
Area = 94596.00 Tentative Concentration (ppb) is 19.00

Sample file: >B5338 Spectrum #: 438

No data base entries were retrieved.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

FLD BLK

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] WATER Lab Sample ID: T408103-7A

Sample wt/vol: 5.0 [g/mL] ML Lab File ID: >C5450

Level: [low/med] LOW Date Received: 08/09/94

% Moisture: decanted: (Y/N) N Date Analyzed : 08/09/94

GC Column : CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

SADF: 1.00 FORM I-CLP-VOA-1 Total Hit(s): 1

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

FLD BLK

Lab Name: LRI Contract:

Lab Code: LRI Case No. 08103 SAS No.: SDG No.: 810301

Matrix: (soil/water) WATER Lab Sample ID: T408103-7A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: >C5450

Level: (low/med) LOW Date Received: 08/09/94

% Moisture: not dec. Date Analyzed: 08/09/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

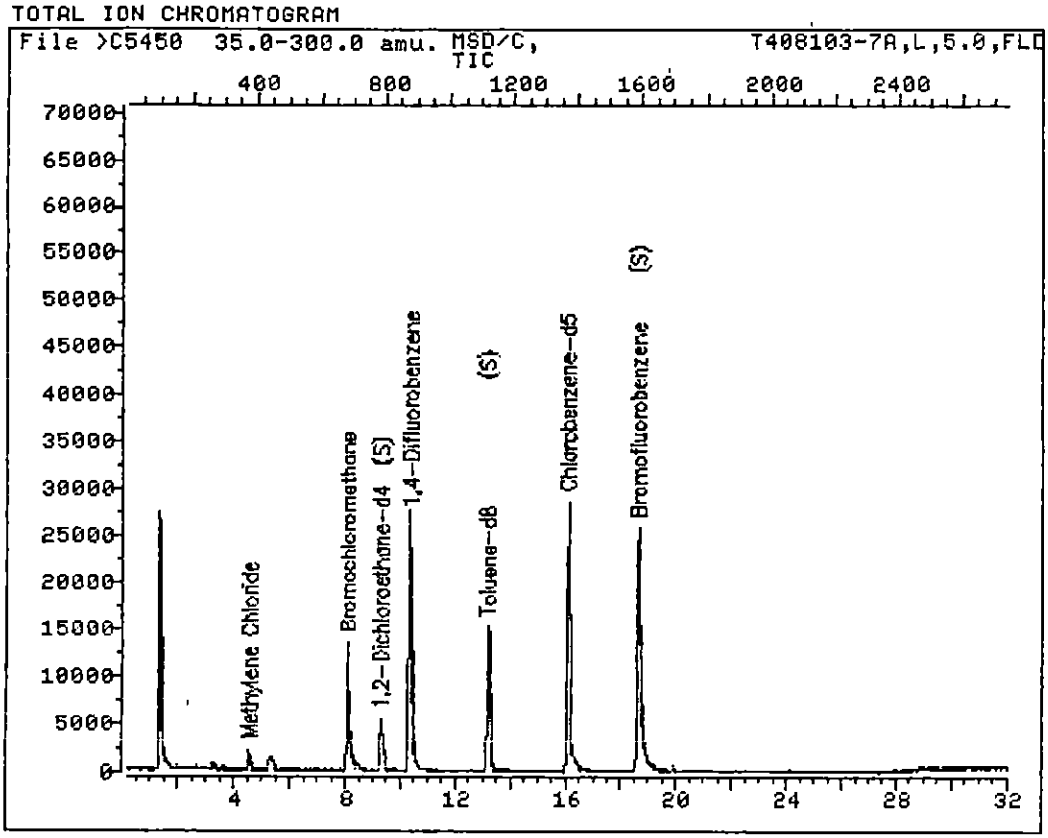
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/ L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	Unknown	5.31	6.	JB AMN

FORM I-CLP-VOA-TIC

TOTAL ION CHROMATOGRAM



Data File: >C5450::C4 Quant Output File: ^C5450::QT
Name: MSD/C, Instrument ID: C
Misc: T408103-7A,L,5.0,FLD BLK,

Id File: IDC90L::SC
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940802 09:58 Last Qcal Time: 940809 10:36

Operator ID: ANN
Quant Time : 940812 09:24
Injected at: 940809 22:22

QUANT REPORT Page 1

erator ID: ANN Quant Rev: 7 Quant Time: 940812 09:24
tput File: ^C5450::QT Injected at: 940809 22:22
Data File: >C5450::C4 Dilution Factor: 1.00000
me: MSD/C, Instrument ID: C
sc: T408103-7A,L,5.0,FLD BLK,

ID File: IDC90L::SC
tle: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
st Calibration: 940802 09:58 Last Qcal Time: 940809 10:36

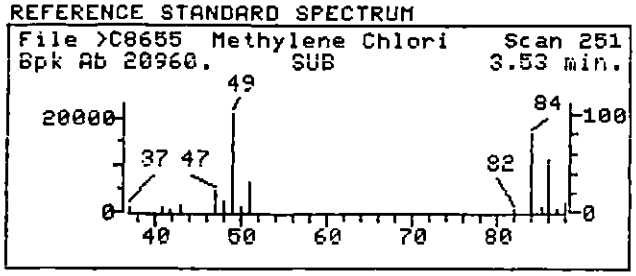
	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane		8.05	127.9	17350	50.00	ppb	93
9)	Methylene Chloride		4.54	84.0	3381M	5.61	ppb	
15)	1,2-Dichloroethane-d4	(S)	9.26	65.0	18843	39.35	ppb	93
6)	*1,4-Difluorobenzene		10.34	114.0	82175	50.00	ppb	98
8)	*Chlorobenzene-d5		16.03	117.0	63376	50.00	ppb	95
30)	Toluene-d8	(S)	13.14	98.0	43829	43.46	ppb	98
78)	Bromofluorobenzene	(S)	18.60	95.0	49620	52.27	ppb	93

* Compound is ISTD

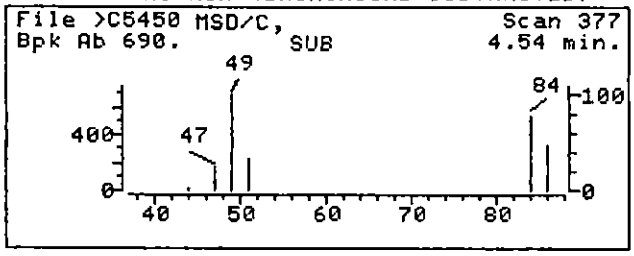
(1)

8/25/94

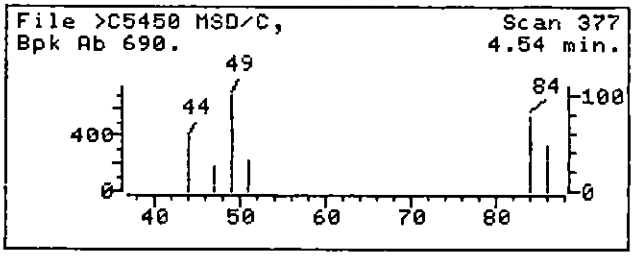
REFERENCE STANDARD SPECTRUM

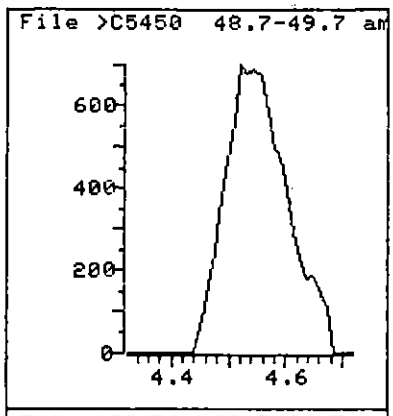


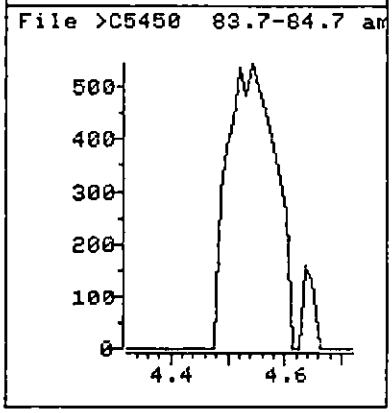
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)





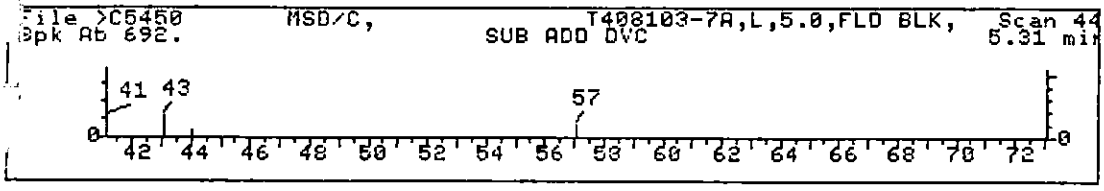


Data File: >C5450::C4
Name: MSD/C,
Misc: T408103-7A,L,5.0,FLD BLK,
Quant Time: 940812 09:24
Injected at: 940809 22:22
Last Qcal Time: 940809 10:36

Quant Output File: ^C5450::QT
Instrument ID: C
Quant ID File: IDC90L::SC
Last Calibration: 940802 09:58

Compound No : 9
Compound Name : Methylene Chloride
Scan Number : 377
Retention Time: 4.54 min.
Quant Ion : 84.0
Area : 3381M
Concentration : 5.61 ppb

Instrument ID : MSD/C,, Analysis Date : 8/09/94 22:22



Unknown #,3
Area = 13238.00 Tentative Concentration (ppb) is 6.00

Sample file: >C5450 Spectrum #: 443

No data base entries were retrieved.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

FLD BLK RE

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] WATER Lab Sample ID: T408103-07 RE

Sample wt/vol: 5.0 [g/mL] ML Lab File ID: >C5483

Level: [low/med] LOW Date Received: 08/09/94

% Moisture: decanted: (Y/N) N Date Analyzed : 08/11/94

GC Column : CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

SADF: 1.00 FORM I-CLP-VOA-1 Total Hit(s): 0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

FLD BLK RE

Lab Name: LRI Contract:

Lab Code: LRI Case No. 08103 SAS No.: SDG No.: 810301

Matrix: (soil/water) WATER Lab Sample ID: T408103-07 RE

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: >C5483

Level: (low/med) LOW Date Received: 08/09/94

% Moisture: not dec. Date Analyzed: 08/11/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

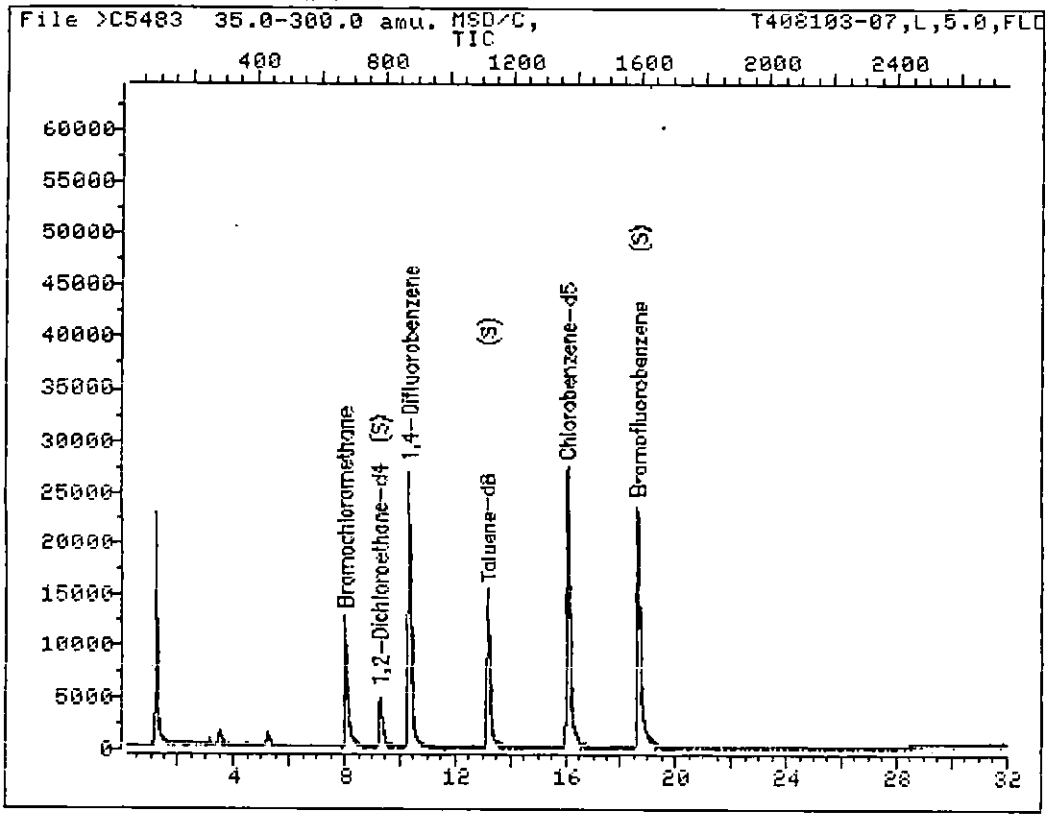
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/ L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	Unknown	5.23	6.	J

FORM I-CLP-VOA-TIC

TOTAL ION CHROMATOGRAM



Data File: >C5483::C4 Quant Output File: ^C5483::QT
Name: MSD/C, Instrument ID: C
Misc: T408103-07,L,5.0,FLD BLK,

Id File: IDC90L::SC
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940802 09:58 Last Qcal Time: 940811 10:26

Operator ID: ANN
Quant Time : 940811 17:08
Injected at: 940811 16:34

Operator ID: ANN Quant Rev: 7 Quant Time: 940811 17:08
Output File: ^C5483::QT Injected at: 940811 16:34
Data File: >C5483::C4 Dilution Factor: 1.00000
Name: MSD/C, Instrument ID: C
Misc: T408103-07 RE,L,5.0,FLD BLK RE,

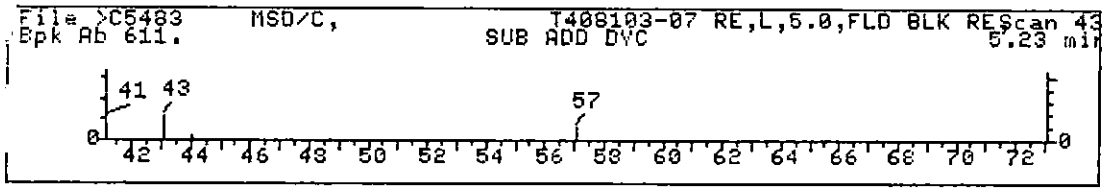
ID File: IDC90L::SC
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940802 09:58 Last Qcal Date: 940811 10:26

	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane		8.00	127.9	16427	50.00	ppb	84
5)	1,2-Dichloroethane-d4	(S)	9.24	65.0	15364	39.12	ppb	97
16)	*1,4-Difluorobenzene		10.32	114.0	80813	50.00	ppb	99
28)	*Chlorobenzene-d5		16.04	117.0	65350	50.00	ppb	94
30)	Toluene-d8	(S)	13.15	98.0	41178	43.73	ppb	99
38)	Bromofluorobenzene	(S)	18.62	95.0	47807	45.30	ppb	88

* Compound is ISTD

CR 8/15/94

Intrument ID : MSD/C,, Analysis Date : 8/11/94 16:34



. Unknown #,2
Area = 13000.00 Tentative Concentration (ppb) is 6.00

Sample file: >C5483 Spectrum #: 437

No data base entries were retrieved.

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: LRI

Lab Code: LRI Case No.: SAS No.: SDG No:

Instrument ID: B Calibration Date(s): 07/22/94 07/23/94

Heated Purge: (Y/N) Y Calibration Time: 17:52 00:30

GC Column: CAP ID: 0.53 (mm)

LAB FILE ID: RRF10 = >B5076 RRF20 = >B5079
RRF50 = >B5080 RRF100= >B5082 RRF200= >B5086

COMPOUND	RRF10	RRF20	RRF50	RRF100	RRF200	RRF	% RSD
Chloromethane	1.0996	1.1424	1.1091	1.2106	1.1312	1.1386	3.84
Bromomethane	*1.5390	1.5191	1.4312	1.4522	1.2316	1.4346	8.51*
Vinyl Chloride	*1.2421	1.2747	1.2115	1.3116	1.1765	1.2433	4.24*
Chloroethane	.6733	.6868	.6447	.6787	.5882	.6543	6.15
Methylene Chloride	2.3035	1.8843	1.6994	1.6036	1.6118	1.8205	16.08
Acetone	.3298	.2414	.2229	.2070	.2299	.2462	19.65
Carbon Disulfide	3.6374	3.3216	3.0835	2.9420	3.0089	3.1987	8.88
1,1-Dichloroethene	*1.5275	1.3567	1.2262	1.1344	1.0820	1.2654	14.21*
1,1-Dichloroethane	*2.7507	2.5450	2.3932	2.3015	2.3864	2.4754	7.16*
1,2-Dichloroethene (total)	1.7377	1.5738	1.4602	1.3814	1.3982	1.5103	9.79
Chloroform	*2.9227	2.7296	2.4874	2.3296	2.3688	2.5676	9.83*
1,2-Dichloroethane	*1.7803	1.6914	1.5546	1.4589	1.4953	1.5961	8.51*
2-Butanone	.5061	.4268	.4356	.4273	.4962	.4584	8.58
1,1,1-Trichloroethane	* .5912	.5424	.4946	.4655	.4780	.5143	10.10*
Carbon Tetrachloride	* .5616	.5176	.4732	.4538	.4596	.4932	9.27*
Bromodichloromethane	* .7350	.7327	.7142	.6941	.7476	.7247	2.88*
1,2-Dichloropropane	.4022	.3755	.3543	.3461	.3665	.3689	5.89
cis-1,3-Dichloropropene	* .5468	.5245	.5400	.5335	.5855	.5461	4.31*
Trichloroethene	* .5261	.4782	.4458	.4151	.4070	.4544	10.76*
Dibromochloromethane	* .7885	.7650	.7626	.7243	.7600	.7601	3.03*
1,1,2-Trichloroethane	* .4178	.3964	.3843	.3649	.3870	.3901	4.94*
Benzene	*1.0586	.9783	.8913	.8481	.8536	.9260	9.78*
trans-1,3-Dichloropropene	* .4002	.4003	.4317	.4259	.4872	.4291	8.29*
Bromoform	* .7576	.7496	.7716	.7496	.8165	.7690	3.65*
4-Methyl-2-Pentanone	.3973	.3734	.3747	.3646	.4492	.3918	8.74
2-Hexanone	.2581	.2335	.2417	.2374	.2915	.2524	9.41
Tetrachloroethene	* .7810	.6845	.6186	.5770	.5668	.6456	13.74*
1,1,2,2-Tetrachloroethane	* .8454	.7902	.7617	.7400	.8517	.7978	6.23*
Toluene	* .8940	.7868	.7155	.6945	.7082	.7598	10.94*
Chlorobenzene	*1.1579	1.0429	.9622	.9183	.9455	1.0054	9.66*
Ethylbenzene	* .5328	.4807	.4404	.4176	.4137	.4570	10.95*
Styrene	*1.1177	1.0134	.9370	.8860	.8943	.9697	10.00*
Xylene (total)	* .6418	.5814	.5319	.5010	.4927	.5498	11.30*
Toluene-d8 (S)	1.0689	1.1290	1.0475	1.0548	.9565	1.0513	5.89
Bromofluorobenzene (S)	*1.1494	1.0450	.9675	.9678	.8730	1.0005	10.31*
1,2-Dichloroethane-d4 (S)	1.2296	1.3536	1.2330	1.2531	1.0728	1.2284	8.19

* Compounds with required minimum RRF and minimum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: LRI

Lab Code: LRI Case No.: SAS No.: SDG No:

Instrument ID: MSD/C Calibration Date(s): 07/28/94 07/28/94

Heated Purge: (Y/N) N Calibration Time: 10:19 17:18

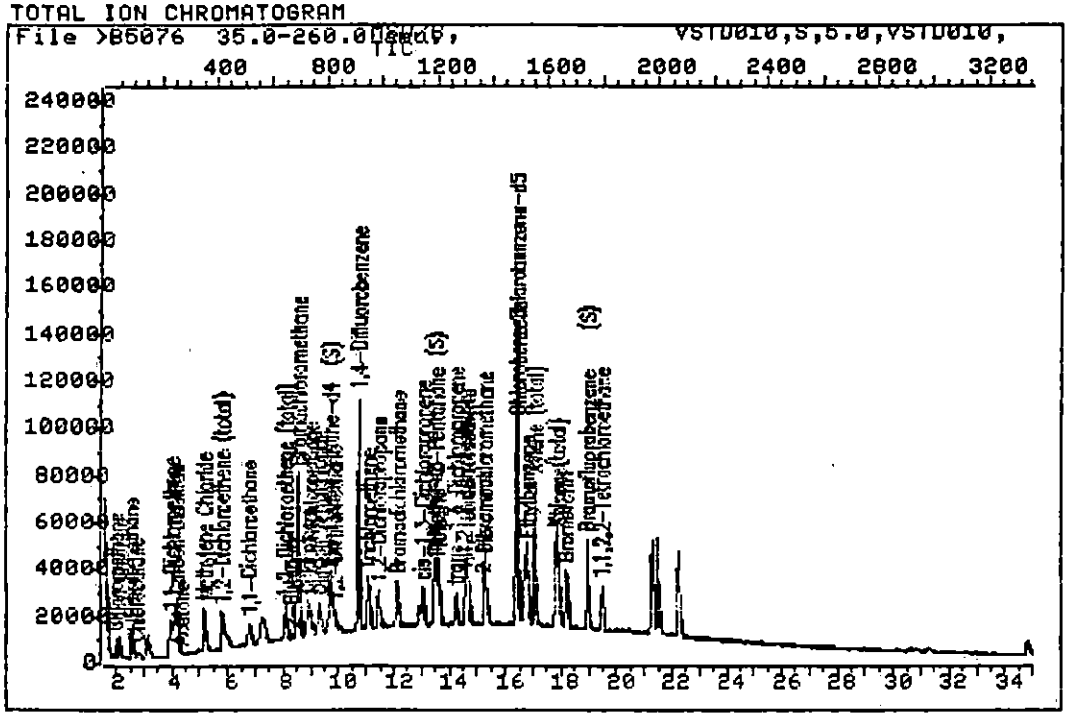
GC Column: CAP ID: 0.53 (mm)

LAB FILE ID: RRF10 = >C5260 RRF20 = >C5252
RRF50 = >C5250 RRF100= >5253 RRF200= >C5257

COMPOUND	RRF10	RRF20	RRF50	RRF100	RRF200	RRF	% RSD
Chloromethane	.6883	.7769	.6931	.7689	.6194	.7093	9.17
Bromomethane	*1.1539	1.1442	.9800	.9736	.8857	1.0275	11.40*
Vinyl Chloride	* .7978	.9845	.8717	.9285	.7644	.8694	10.43*
Chloroethane	.5018	.5648	.5091	.5405	.4538	.5140	8.18
Methylene Chloride	2.3860	2.0131	1.6405	1.5683	1.4007	1.8017	21.98
Acetone	.3454	.2092	.2177	.2165	.1648	.2307	29.34
Carbon Disulfide	2.8908	3.1142	2.3456	2.3601	2.0622	2.5546	16.95
1,1-Dichloroethene	*1.6611	1.7126	1.3269	1.2580	1.1622	1.4242	17.38*
1,1-Dichloroethane	*3.2435	3.2548	2.5770	2.5648	2.3250	2.7930	15.34*
1,2-Dichloroethene (total)	1.7830	1.7438	1.4561	1.3797	1.2689	1.5263	14.86
Chloroform	*3.6316	3.7740	3.1012	2.9603	2.6608	3.2256	14.46*
1,2-Dichloroethane	*2.1892	2.2717	2.0951	1.9931	1.7637	2.0626	9.54*
2-Butanone	.2285	.2948	.2629	.2750	.1984	.2519	15.25
1,1,1-Trichloroethane	* .7856	.8293	.6728	.6723	.5716	.7063	14.48*
Carbon Tetrachloride	* .6940	.7800	.6196	.6211	.5324	.6494	14.28*
Bromodichloromethane	* .7056	.7429	.7083	.7206	.6398	.7034	5.47*
1,2-Dichloropropane	.3896	.3663	.3211	.3318	.2946	.3407	11.02
cis-1,3-Dichloropropene	* .5117	.5389	.5250	.5358	.4937	.5210	3.57*
Trichloroethene	* .5085	.4880	.4273	.4282	.3783	.4461	11.71*
Dibromochloromethane	* .7049	.7227	.6511	.6604	.5472	.6573	10.41*
1,1,2-Trichloroethane	* .3468	.3528	.3115	.3230	.2770	.3222	9.44*
Benzene	*1.0639	1.0392	.8492	.8539	.7283	.9069	15.61*
trans-1,3-Dichloropropene	* .3567	.4286	.4478	.4605	.4332	.4254	9.49*
Bromoform	* .4878	.4969	.4948	.5236	.4399	.4886	6.23*
4-Methyl-2-Pentanone	.2687	.2668	.1527	.2517	.2413	.2362	20.33
2-Hexanone	.0048	.0362	.1035	.1640	.1344	.0886	75.25
Tetrachloroethene	* .6739	.6496	.5179	.4854	.4442	.5542	18.40*
1,1,2,2-Tetrachloroethane	* .5644	.5655	.5584	.6038	.5176	.5619	5.45*
Toluene	* .9147	.8825	.7349	.7132	.6475	.7786	14.74*
Chlorobenzene	*1.2896	1.1953	.9856	.9421	.8544	1.0534	17.28*
Ethylbenzene	* .5777	.5589	.4513	.4354	.3871	.4821	17.10*
Styrene	*1.0329	1.0953	.9497	.9050	.8202	.9606	11.20*
Xylene (total)	* .7371	.6893	.5599	.5165	.4552	.5916	19.99*
Toluene-d8 (S)	1.1636	1.2924	1.0769	1.1230	.9555	1.1223	10.96
Bromofluorobenzene (S)	* .7260	.8981	.7548	.8154	.6864	.7761	10.67*
1,2-Dichloroethane-d4 (S)	1.6019	1.8590	1.7252	1.7619	1.4257	1.6747	9.97

* Compounds with required minimum RRF and minimum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

TOTAL ION CHROMATOGRAM



Data File: >B5076::C1 Quant Output File: ^B5076::QT
Name: MSD/B, Instrument ID: B
Misc: VSTD010,S,5.0,VSTD010,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940627 09:34 Last Qcal Time: 940715 10:36

Operator ID: KATHY
Quant Time : 940722 18:29
Injected at: 940722 17:52

Operator ID: KATHY Quant Rev: 7 Quant Time: 940722 18:29
Output File: ^B5076::QT Injected at: 940722 17:52
Data File: >B5076::C1 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD010,S,5.0,VSTD010,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940627 09:34 Last Qcal Time: 940715 10:36

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	8.50	127.9	63293	50.00	ppb	99
2)	Chloromethane	1.97	50.0	13919	9.97	ppb	98
3)	Vinyl Chloride	2.12	62.0	15723	10.17	ppb	80
4)	Bromomethane	2.53	94.0	19482	12.53	ppb	96
5)	Chloroethane	2.70	64.0	8523	9.67	ppb	91
6)	1,1-Dichloroethene	3.96	96.0	19336	12.61	ppb	81
7)	Carbon Disulfide	4.15	76.0	46045	14.47	ppb	99
8)	Acetone	4.30	43.0	4175M	10.83	ppb	96
9)	Methylene Chloride	5.15	84.0	29159	13.05	ppb	99
10)	1,2-Dichloroethene (total)	5.77	96.0	21779	11.46	ppb	89
10)	1,2-Dichloroethene (total)	8.03	96.0	21997	11.57	ppb	75
11)	1,1-Dichloroethane	6.74	63.0	34820	10.64	ppb	98
12)	2-Butanone	8.26	43.0	6407	8.20	ppb	85
13)	Chloroform	8.83	83.0	36997	10.76	ppb	96
14)	1,2-Dichloroethane	9.81	62.0	22536	9.84	ppb	99
15)	1,2-Dichloroethane-d4 (S)	9.66	65.0	15565	7.95	ppb	82
16)	*1,4-Difluorobenzene	10.69	114.0	253882	50.00	ppb	93
17)	1,1,1-Trichloroethane	8.96	97.0	30019	11.44	ppb	98
18)	Carbon Tetrachloride	9.26	117.0	28517	11.80	ppb	98
19)	Benzene	9.68	78.0	53751	11.29	ppb	97
20)	Trichloroethene	11.05	130.0	26715	12.67	ppb	95
21)	1,2-Dichloropropane	11.44	63.0	20422	10.78	ppb	94
22)	Bromodichloromethane	12.12	83.0	37323	10.44	ppb	96
23)	trans-1,3-Dichloropropene	14.20	75.0	20319	8.57	ppb	66
24)	cis-1,3-Dichloropropene	13.01	75.0	27765	9.47	ppb	97
25)	1,1,2-Trichloroethane	14.51	97.0	21212	10.37	ppb	97
26)	Dibromochloromethane	15.23	129.0	40038	10.52	ppb	98
27)	Bromoform	18.16	173.0	38467	10.23	ppb	97
28)	*Chlorobenzene-d5	16.35	117.0	219698	50.00	ppb	92
29)	4-Methyl-2-Pentanone	13.48	43.0	17457	7.50	ppb	87
30)	Toluene-d8 (S)	13.46	98.0	46965	9.27	ppb	94
31)	Toluene	13.58	92.0	39281	11.86	ppb	99
32)	Tetrachloroethene	14.64	164.0	34315	13.94	ppb	98
33)	2-Hexanone	15.20	43.0	11340	7.50	ppb	89
34)	Chlorobenzene	16.40	112.0	50878	12.10	ppb	98
35)	Ethylbenzene	16.75	106.0	23411	11.99	ppb	92
36)	Xylene (total)	17.02	106.0	59309	25.19	ppb	83
36)	Xylene (total)	17.82	106.0	28202	11.98	ppb	85
37)	Styrene	17.87	104.0	49113	11.73	ppb	90
38)	Bromofluorobenzene (S)	18.91	95.0	50502	11.12	ppb	91

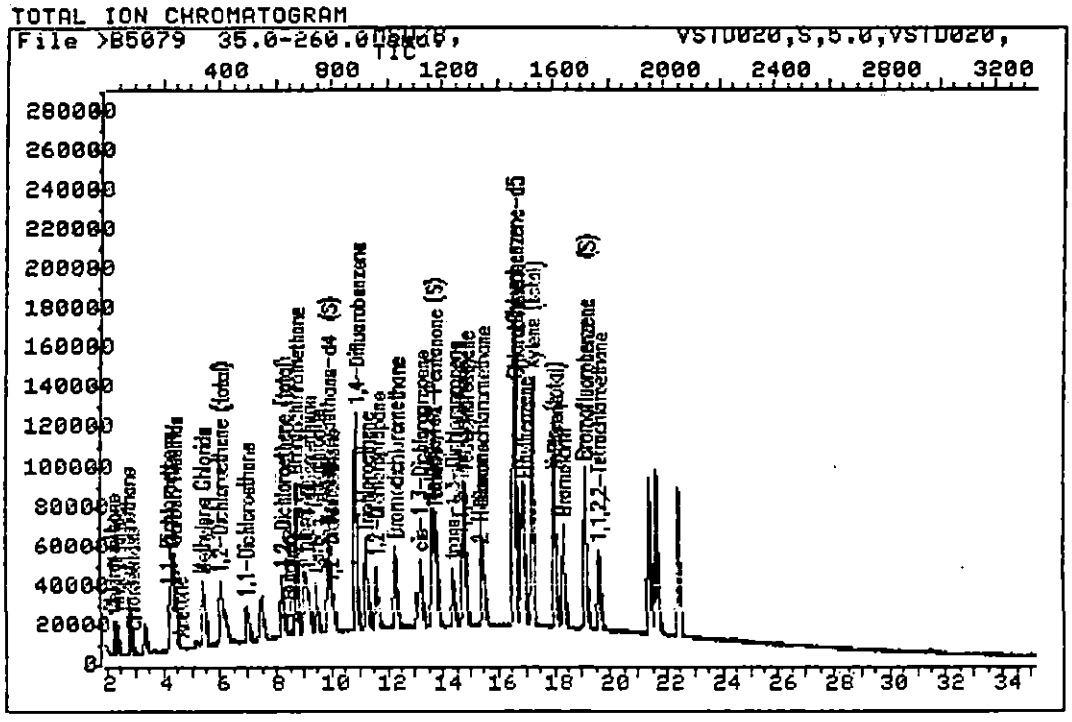
Operator ID: KATHY Quant Rev: 7 Quant Time: 940722 18:29
Output File: ^B5076::QT Injected at: 940722 17:52
Data File: >B5076::C1 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD010,S,5.0,VSTD010,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940627 09:34 Last Qcal Time: 940715 10:36

	Compound	R.T.	Q ion	Area	Conc	Units	q
39)	1,1,2,2-Tetrachloroethane	19.44	83.0	37146	9.73	ppb	9

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >B5079::C1 Quant Output File: ^B5079::QT
Name: MSD/B, Instrument ID: B
Misc: VSTD020,S,5.0,VSTD020,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940627 09:34 Last Qcal Time: 940715 10:36

Operator ID: KATHY
Quant Time : 940724 13:26
Injected at: 940722 19:56

Operator ID: KATHY Quant Rev: 7 Quant Time: 940724 13:26
Output File: ^B5079::QT Injected at: 940722 19:56
Data File: >B5079::C1 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD020,S,5.0,VSTD020,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940627 09:34 Last Qcal Time: 940715 10:36

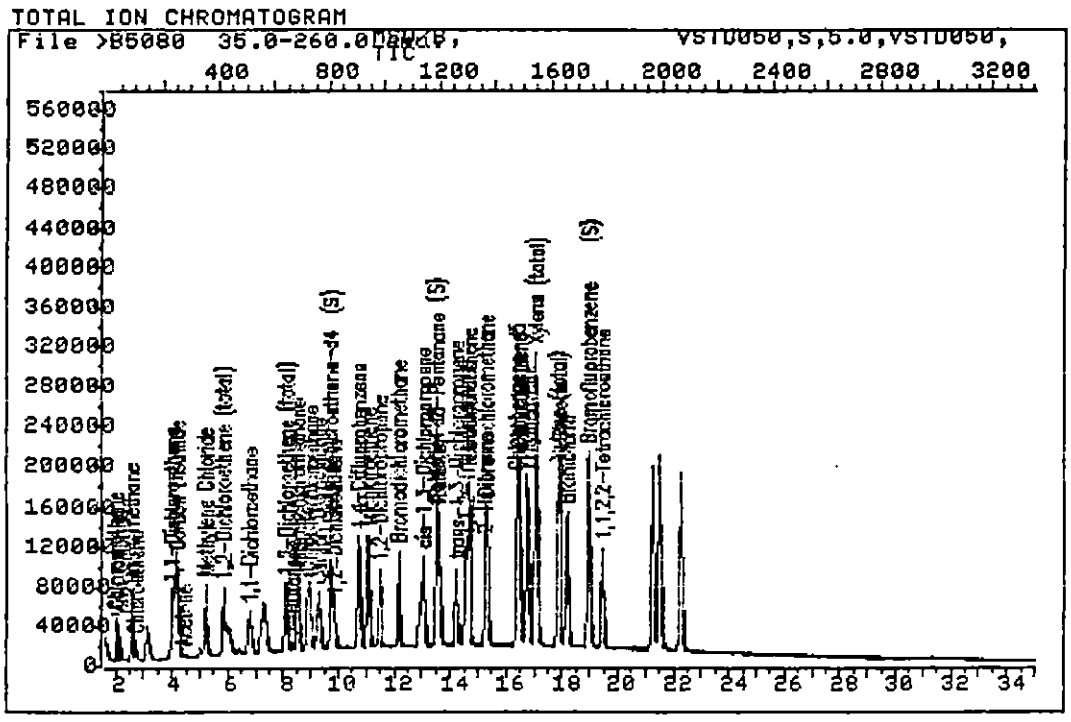
	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	8.68	127.9	69326	50.00	ppb	99
2)	Chloromethane	2.19	50.0	31679	20.72	ppb	99
3)	Vinyl Chloride	2.34	62.0	35349	20.87	ppb	81
4)	Bromomethane	2.75	94.0	42126	24.74	ppb	98
5)	Chloroethane	2.92	64.0	19046	19.72	ppb	92
6)	1,1-Dichloroethene	4.18	96.0	37622	22.39	ppb	85
7)	Carbon Disulfide	4.37	76.0	92108	26.43	ppb	99
8)	Acetone	4.57	43.0	6694M	15.85	ppb	94
9)	Methylene Chloride	5.38	84.0	52252	21.35	ppb	98
10)	1,2-Dichloroethene (total)	6.00	96.0	42414	20.37	ppb	90
10)	1,2-Dichloroethene (total)	8.23	96.0	43643	20.96	ppb	81
11)	1,1-Dichloroethane	6.94	63.0	70575	19.69	ppb	98
12)	2-Butanone	8.48	43.0	11835M	13.83	ppb	87
13)	Chloroform	9.02	83.0	75693	20.10	ppb	97
14)	1,2-Dichloroethane	9.99	62.0	46904	18.70	ppb	94
15)	1,2-Dichloroethane-d4 (S)	9.83	65.0	37536	17.49	ppb	83
16)	*1,4-Difluorobenzene	10.85	114.0	277250	50.00	ppb	95
17)	1,1,1-Trichloroethane	9.13	97.0	60155	20.99	ppb	97
18)	Carbon Tetrachloride	9.45	117.0	57403	21.76	ppb	99
19)	Benzene	9.87	78.0	108499	20.88	ppb	99
20)	Trichloroethene	11.22	130.0	53029	23.04	ppb	98
21)	1,2-Dichloropropane	11.61	63.0	41644	20.13	ppb	96
22)	Bromodichloromethane	12.28	83.0	81256	20.82	ppb	99
23)	trans-1,3-Dichloropropene	14.35	75.0	44388	17.13	ppb	65
24)	cis-1,3-Dichloropropene	13.17	75.0	58167	18.16	ppb	94
25)	1,1,2-Trichloroethane	14.67	97.0	43962	19.68	ppb	98
26)	Dibromochloromethane	15.38	129.0	84836	20.42	ppb	99
27)	Bromoform	18.30	173.0	83136	20.24	ppb	99
28)	*Chlorobenzene-d5	16.50	117.0	244593	50.00	ppb	93
29)	4-Methyl-2-Pentanone	13.63	43.0	36534	14.10	ppb	93
30)	Toluene-d8 (S)	13.61	98.0	110460	19.59	ppb	93
31)	Toluene	13.74	92.0	76975	20.88	ppb	95
32)	Tetrachloroethene	14.79	164.0	66973	24.44	ppb	99
33)	2-Hexanone	15.35	43.0	22846	13.57	ppb	97
34)	Chlorobenzene	16.55	112.0	102035	21.80	ppb	98
35)	Ethylbenzene	16.90	106.0	47028	21.63	ppb	93
36)	Xylene (total)	17.17	106.0	117939	45.00	ppb	87
36)	Xylene (total)	17.96	106.0	56880	21.70	ppb	88
37)	Styrene	18.02	104.0	99147	21.26	ppb	90
38)	Bromofluorobenzene (S)	19.06	95.0	102241	20.22	ppb	93

Operator ID: KATHY Quant Rev: 7 Quant Time: 940724 13:26
Output File: ^B5079::QT Injected at: 940722 19:56
Data File: >B5079::C1 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD020,S,5.0,VSTD020,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940627 09:34 Last Qcal Time: 940715 10:36

	Compound	R.T.	Q ion	Area	Conc	Units	q
39)	1,1,2,2-Tetrachloroethane	19.58	83.0	77315	18.19	ppb	95

* Compound is ISTD



Data File: >B5080::C1 Quant Output File: ^B5080::QT
Name: MSD/B, Instrument ID: B
Misc: VSTD050,S,5.0,VSTD050,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940627 09:34 Last Qcal Time: 940715 10:36

Operator ID: KATHY
Quant Time : 940724 13:30
Injected at: 940722 20:36

Operator ID: KATHY Quant Rev: 7 Quant Time: 940724 13:30
Output File: ^B5080::QT Injected at: 940722 20:36
Data File: >B5080::C1 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD050,S,5.0,VSTD050,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940627 09:34 Last Qcal Time: 940715 10:36

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	8.50	127.9	68997	50.00	ppb	97
2)	Chloromethane	1.98	50.0	76528	50.30	ppb	99
3)	Vinyl Chloride	2.13	62.0	83591	49.59	ppb	82
4)	Bromomethane	2.54	94.0	98749	58.27	ppb	99
5)	Chloroethane	2.70	64.0	44485	46.28	ppb	88
6)	1,1-Dichloroethene	3.96	96.0	84604	50.60	ppb	83
7)	Carbon Disulfide	4.16	76.0	212753	61.34	ppb	98
8)	Acetone	4.40	43.0	15382M	36.59	ppb	84
9)	Methylene Chloride	5.17	84.0	117253	48.14	ppb	97
10)	1,2-Dichloroethene (total)	5.79	96.0	95670	46.17	ppb	94
10)	1,2-Dichloroethene (total)	8.06	96.0	100751	48.63	ppb	83
11)	1,1-Dichloroethane	6.76	63.0	165127	46.29	ppb	96
12)	2-Butanone	8.31	43.0	30053	35.30	ppb	87
13)	Chloroform	8.84	83.0	171625	45.79	ppb	97
14)	1,2-Dichloroethane	9.83	62.0	107266	42.96	ppb	99
15)	1,2-Dichloroethane-d4 (S)	9.67	65.0	85073	39.83	ppb	89
16)	*1,4-Difluorobenzene	10.68	114.0	281716	50.00	ppb	94
17)	1,1,1-Trichloroethane	8.96	97.0	139334	47.86	ppb	95
18)	Carbon Tetrachloride	9.26	117.0	133299	49.72	ppb	99
19)	Benzene	9.70	78.0	251087	47.55	ppb	99
20)	Trichloroethene	11.04	130.0	125595	53.70	ppb	95
21)	1,2-Dichloropropane	11.44	63.0	99810	47.48	ppb	97
22)	Bromodichloromethane	12.12	83.0	201194	50.72	ppb	99
23)	trans-1,3-Dichloropropene	14.21	75.0	121608	46.20	ppb	68
24)	cis-1,3-Dichloropropene	13.02	75.0	152133	46.75	ppb	94
25)	1,1,2-Trichloroethane	14.53	97.0	108276	47.71	ppb	98
26)	Dibromochloromethane	15.25	129.0	214829	50.88	ppb	98
27)	Bromoform	18.15	173.0	217372	52.08	ppb	99
28)	*Chlorobenzene-d5	16.35	117.0	251629	50.00	ppb	92
29)	4-Methyl-2-Pentanone	13.49	43.0	94284	35.37	ppb	92
30)	Toluene-d8 (S)	13.46	98.0	263591	45.44	ppb	94
31)	Toluene	13.59	92.0	180049	47.48	ppb	98
32)	Tetrachloroethene	14.64	164.0	155662	55.22	ppb	99
33)	2-Hexanone	15.21	43.0	60830	35.12	ppb	98
34)	Chlorobenzene	16.41	112.0	242115	50.28	ppb	99
35)	Ethylbenzene	16.75	106.0	110818	49.55	ppb	93
36)	Xylene (total)	17.02	106.0	275673	102.24	ppb	89
36)	Xylene (total)	17.81	106.0	133840	49.64	ppb	89
37)	Styrene	17.87	104.0	235778	49.16	ppb	91
38)	Bromofluorobenzene (S)	18.92	95.0	243456	46.80	ppb	96

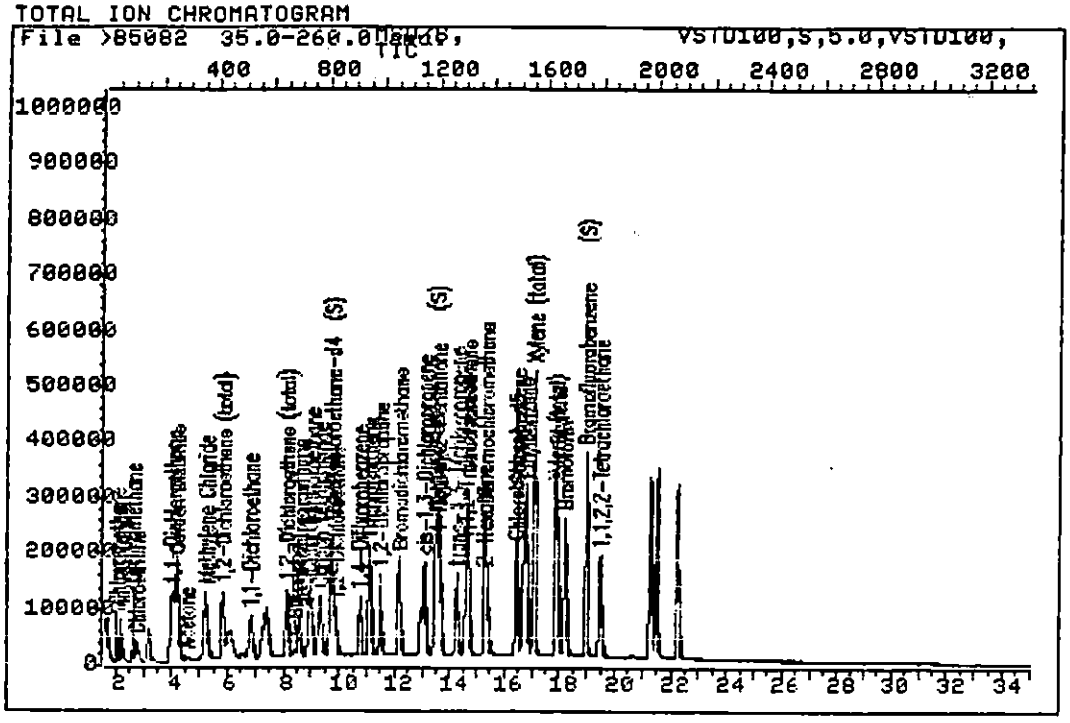
Operator ID: KATHY Quant Rev: 7 Quant Time: 940724 13:30
Output File: ^B5080::QT Injected at: 940722 20:36
Data File: >B5080::C1 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD050,S,5.0,VSTD050,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940627 09:34 Last Qcal Time: 940715 10:36

	Compound	R.T.	Q ion	Area	Conc	Units	q
39)	1,1,2,2-Tetrachloroethane	19.44	83.0	191659	43.83	ppb	95

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >B5082::C1 Quant Output File: ^B5082::QT
Name: MSD/B, Instrument ID: B
Misc: VSTD100,S,5.0,VSTD100,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940627 09:34 Last Qcal Time: 940715 10:36

Operator ID: KATHY
Quant Time : 940724 13:39
Injected at: 940722 21:54

Operator ID: KATHY Quant Rev: 7 Quant Time: 940724 13:39
Output File: ^B5082::QT Injected at: 940722 21:54
Data File: >B5082::C1 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD100,S,5.0,VSTD100,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940627 09:34 Last Qcal Time: 940715 10:36

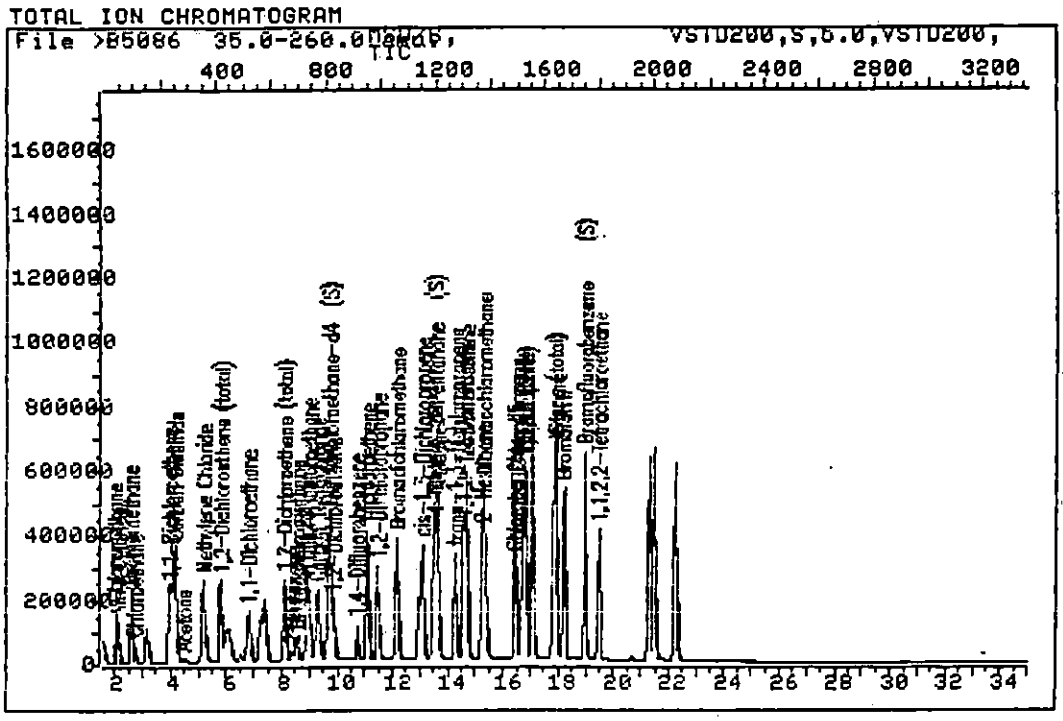
	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	8.54	127.9	64773	50.00	ppb	96
2)	Chloromethane	2.02	50.0	156827	109.79	ppb	98
3)	Vinyl Chloride	2.16	62.0	169918	107.39	ppb	80
4)	Bromomethane	2.58	94.0	188130	118.26	ppb	99
5)	Chloroethane	2.75	64.0	87919	97.43	ppb	89
6)	1,1-Dichloroethene	4.00	96.0	146954	93.62	ppb	85
7)	Carbon Disulfide	4.18	76.0	381129	117.04	ppb	98
8)	Acetone	4.53	43.0	26819M	67.97	ppb	73
9)	Methylene Chloride	5.22	84.0	207739	90.84	ppb	95
10)	1,2-Dichloroethene (total)	5.82	96.0	167724	86.23	ppb	91
10)	1,2-Dichloroethene (total)	8.10	96.0	178954	92.00	ppb	82
11)	1,1-Dichloroethane	6.80	63.0	298146	89.02	ppb	97
12)	2-Butanone	8.40	43.0	55350	69.24	ppb	89
13)	Chloroform	8.89	83.0	301796	85.77	ppb	97
14)	1,2-Dichloroethane	9.85	62.0	188991	80.63	ppb	97
15)	1,2-Dichloroethane-d4 (S)	9.71	65.0	162328	80.97	ppb	89
16)	*1,4-Difluorobenzene	10.71	114.0	268042	50.00	ppb	95
17)	1,1,1-Trichloroethane	8.98	97.0	249538	90.08	ppb	95
18)	Carbon Tetrachloride	9.29	117.0	243249	95.36	ppb	99
19)	Benzene	9.73	78.0	454653	90.49	ppb	99
20)	Trichloroethene	11.07	130.0	222521	99.99	ppb	99
21)	1,2-Dichloropropane	11.47	63.0	185543	92.76	ppb	96
22)	Bromodichloromethane	12.15	83.0	372082	98.59	ppb	98
23)	trans-1,3-Dichloropropene	14.24	75.0	228319	91.16	ppb	67
24)	cis-1,3-Dichloropropene	13.05	75.0	285984	92.36	ppb	94
25)	1,1,2-Trichloroethane	14.56	97.0	195627	90.60	ppb	99
26)	Dibromochloromethane	15.28	129.0	388272	96.66	ppb	98
27)	Bromoform	18.17	173.0	401868	101.20	ppb	98
28)	*Chlorobenzene-d5	16.38	117.0	234968	50.00	ppb	93
29)	4-Methyl-2-Pentanone	13.53	43.0	171335	68.84	ppb	88
30)	Toluene-d8 (S)	13.48	98.0	495681	91.51	ppb	92
31)	Toluene	13.60	92.0	326367	92.17	ppb	99
32)	Tetrachloroethene	14.66	164.0	271131	103.00	ppb	99
33)	2-Hexanone	15.23	43.0	111575	68.98	ppb	94
34)	Chlorobenzene	16.44	112.0	431544	95.97	ppb	99
35)	Ethylbenzene	16.78	106.0	196222	93.96	ppb	93
36)	Xylene (total)	17.05	106.0	475861	188.99	ppb	87
36)	Xylene (total)	17.83	106.0	235446	93.51	ppb	88
37)	Styrene	17.89	104.0	416350	92.96	ppb	91
38)	Bromofluorobenzene (S)	18.94	95.0	454809	93.63	ppb	96

Operator ID: KATHY Quant Rev: 7 Quant Time: 940724 13:39
Output File: ^B5082::QT Injected at: 940722 21:54
Data File: >B5082::C1 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD100,S,5.0,VSTD100,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940627 09:34 Last Qcal Time: 940715 10:36

	Compound	R.T.	Q ion	Area	Conc	Units	q
39)	1,1,2,2-Tetrachloroethane	19.45	83.0	347736	85.17	ppb	95

* Compound is ISTD



Data File: >B5086::C1 Quant Output File: ^B5086::QT
Name: MSD/B, Instrument ID: B
Misc: VSTD200,S,5.0,VSTD200,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940627 09:34 Last Qcal Time: 940715 10:36

Operator ID: KATHY
Quant Time : 940724 14:15
Injected at: 940723 00:30

Operator ID: KATHY Quant Rev: 7 Quant Time: 940724 14:15
Output File: ^B5086::QT Injected at: 940723 00:30
Data File: >B5086::C1 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD200,S,5.0,VSTD200,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940627 09:34 Last Qcal Time: 940715 10:36

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	8.52	127.9	68553	50.00	ppb	9
2)	Chloromethane	1.97	50.0	310186	205.19	ppb	9
3)	Vinyl Chloride	2.12	62.0	322605	192.64	ppb	8
4)	Bromomethane	2.54	94.0	337726	200.59	ppb	9
5)	Chloroethane	2.71	64.0	161284	168.88	ppb	8
6)	1,1-Dichloroethene	3.95	96.0	296689	178.59	ppb	8
7)	Carbon Disulfide	4.14	76.0	825072	239.41	ppb	9
8)	Acetone	4.47	43.0	63037	150.94	ppb	7
9)	Methylene Chloride	5.18	84.0	441975	182.62	ppb	9
10)	1,2-Dichloroethene (total)	5.79	96.0	362184	175.93	ppb	9
10)	1,2-Dichloroethene (total)	8.06	96.0	383391	186.24	ppb	8
11)	1,1-Dichloroethane	6.78	63.0	654375	184.61	ppb	9
12)	2-Butanone	8.35	43.0	136052	160.82	ppb	8
13)	Chloroform	8.86	83.0	649541	174.42	ppb	9
14)	1,2-Dichloroethane	9.83	62.0	410035	165.29	ppb	9
15)	1,2-Dichloroethane-d4 (S)	9.69	65.0	294187	138.64	ppb	8
16)	*1,4-Difluorobenzene	10.69	114.0	273934	50.00	ppb	9
17)	1,1,1-Trichloroethane	8.96	97.0	523733	184.99	ppb	9
18)	Carbon Tetrachloride	9.27	117.0	503585	193.16	ppb	9
19)	Benzene	9.70	78.0	935332	182.16	ppb	9
20)	Trichloroethene	11.05	130.0	445954	196.07	ppb	9
21)	1,2-Dichloropropane	11.44	63.0	401586	196.46	ppb	9
22)	Bromodichloromethane	12.14	83.0	819214	212.40	ppb	9
23)	trans-1,3-Dichloropropene	14.23	75.0	533876	208.57	ppb	6
24)	cis-1,3-Dichloropropene	13.03	75.0	641598	202.76	ppb	9
25)	1,1,2-Trichloroethane	14.54	97.0	424011	192.14	ppb	9
26)	Dibromochloromethane	15.26	129.0	832772	202.86	ppb	9
27)	Bromoform	18.16	173.0	894622	220.45	ppb	9
28)	*Chlorobenzene-d5	16.37	117.0	236418	50.00	ppb	9
29)	4-Methyl-2-Pentanone	13.51	43.0	424755	169.61	ppb	8
30)	Toluene-d8 (S)	13.47	98.0	904535	165.97	ppb	9
31)	Toluene	13.59	92.0	669713	187.97	ppb	9
32)	Tetrachloroethene	14.64	164.0	535986	202.38	ppb	9
33)	2-Hexanone	15.22	43.0	275709	169.42	ppb	9
34)	Chlorobenzene	16.42	112.0	894088	197.62	ppb	9
35)	Ethylbenzene	16.76	106.0	391263	186.20	ppb	9
36)	Xylene (total)	16.76	106.0	391263	154.44	ppb	8
36)	Xylene (total)	17.83	106.0	465897	183.90	ppb	9
37)	Styrene	17.89	104.0	845734	187.66	ppb	9
38)	Bromofluorobenzene (S)	18.92	95.0	825536	168.90	ppb	9

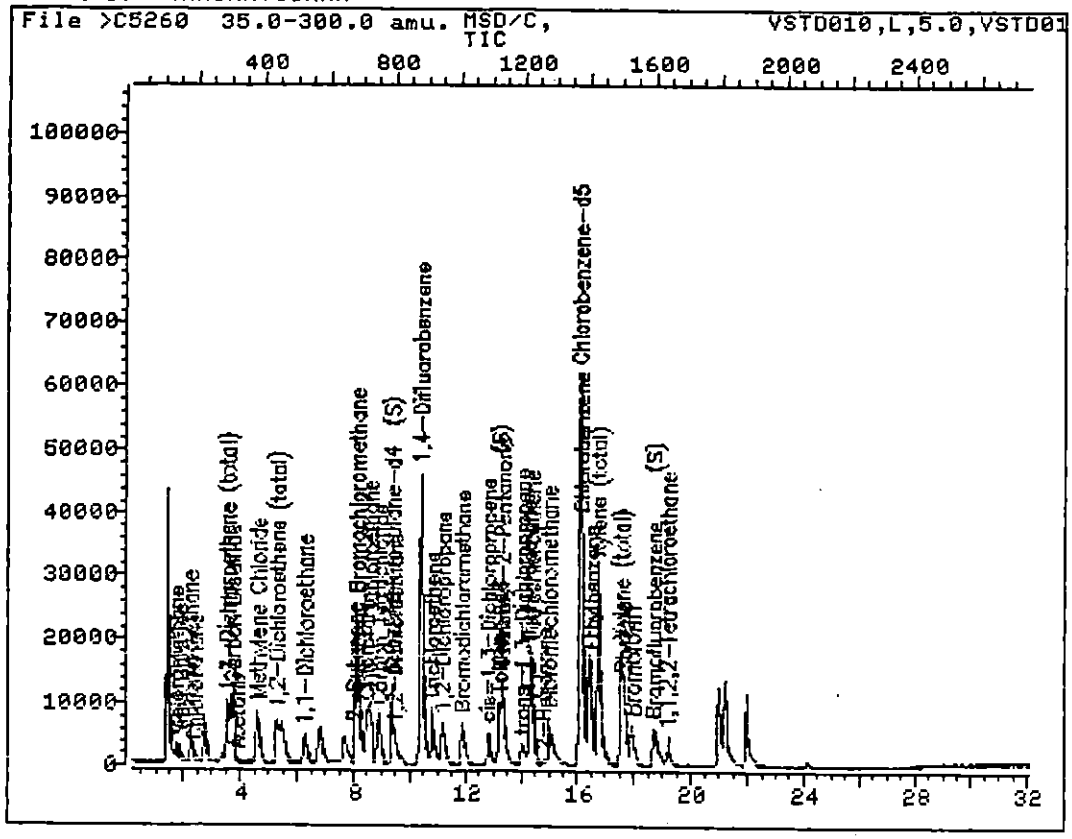
Operator ID: KATHY Quant Rev: 7 Quant Time: 940724 14:15
Output File: ^B5086::QT Injected at: 940723 00:30
Data File: >B5086::C1 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD200,S,5.0,VSTD200,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940627 09:34 Last Qcal Time: 940715 10:36

	Compound	R.T.	Q ion	Area	Conc	Units	q
39)	1,1,2,2-Tetrachloroethane	19.44	83.0	805443	196.06	ppb	96

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >C5260::C4
Name: MSD/C,
Misc: VSTD010,L,5.0,VSTD010,

Quant Output File: ^C5260::QT
Instrument ID: C

Id File: IDC90L::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940707 15:55
Last Qcal Time: 940727 17:42

Operator ID: ANN
Quant Time : 940728 17:51
Injected at: 940728 17:18

Operator ID: ANN Quant Rev: 7 Quant Time: 940728 17:51
Output File: ^C5260::QT Injected at: 940728 17:18
Data File: >C5260::C4 Dilution Factor: 1.00000
Name: MSD/C, Instrument ID: C
Misc: VSTD010,L,5.0,VSTD010,

ID File: IDC90L::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940707 15:55 Last Qcal Time: 940727 17:42

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	8.09	127.9	33569	50.00	ppb	8
2)	Chloromethane	1.71	50.0	4621	30.26	ppb	9
3)	Vinyl Chloride	1.85	62.0	5356	20.37	ppb	8
4)	Bromomethane	2.22	94.0	7747	20.93	ppb	9
5)	Chloroethane	2.38	64.0	3369	15.45	ppb	8
6)	1,1-Dichloroethene	3.51	96.0	11152	19.33	ppb	8
7)	Carbon Disulfide	3.69	76.0	19408	22.87	ppb	9
8)	Acetone	3.85	43.0	2319M	15.39	ppb	
9)	Methylene Chloride	4.60	84.0	16019	17.62	ppb	8
10)	1,2-Dichloroethene (total)	3.51	96.0	11152	12.98	ppb	9
10)	1,2-Dichloroethene (total)	5.27	96.0	11971	13.93	ppb	8
11)	1,1-Dichloroethane	6.24	63.0	21776	15.55	ppb	9
12)	2-Butanone	8.02	43.0	1534M	8.37	ppb	
13)	Chloroform	8.43	83.0	24382	13.02	ppb	9
14)	1,2-Dichloroethane	9.45	62.0	14698	11.92	ppb	9
15)	1,2-Dichloroethane-d4 (S)	9.32	65.0	10755	10.71	ppb	9
16)	*1,4-Difluorobenzene	10.36	114.0	148345	50.00	ppb	9
17)	1,1,1-Trichloroethane	8.55	97.0	23307	13.46	ppb	9
18)	Carbon Tetrachloride	8.90	117.0	20591	12.97	ppb	9
19)	Benzene	9.33	78.0	31566	15.75	ppb	9
20)	Trichloroethene	10.75	130.0	15087	13.84	ppb	9
21)	1,2-Dichloropropane	11.14	63.0	11559	13.41	ppb	9
22)	Bromodichloromethane	11.84	83.0	20933	10.79	ppb	8
23)	trans-1,3-Dichloropropene	14.01	75.0	10582	8.24	ppb	5
24)	cis-1,3-Dichloropropene	12.77	75.0	15183	10.91	ppb	9
25)	1,1,2-Trichloroethane	14.25	97.0	10289	11.06	ppb	9
26)	Dibromochloromethane	14.96	129.0	20913	10.88	ppb	9
27)	Bromoform	17.90	173.0	14474	9.49	ppb	9
28)	*Chlorobenzene-d5	16.05	117.0	118714	50.00	ppb	9
29)	4-Methyl-2-Pentanone	13.29	43.0	6379M	9.88	ppb	
30)	Toluene-d8 (S)	13.19	98.0	27627	12.10	ppb	9
31)	Toluene	13.30	92.0	21717	15.39	ppb	9
32)	Tetrachloroethene	14.36	164.0	16000	16.04	ppb	8
33)	2-Hexanone	14.79	43.0	115M	.280	ppb	
34)	Chlorobenzene	16.11	112.0	30618	14.57	ppb	9
35)	Ethylbenzene	16.47	106.0	13716	14.76	ppb	9
36)	Xylene (total)	16.73	106.0	31782	25.85	ppb	8
36)	Xylene (total)	17.53	106.0	17502	14.23	ppb	8
37)	Styrene	17.61	104.0	24525	11.64	ppb	9
38)	Bromofluorobenzene (S)	18.66	95.0	17238	9.99	ppb	9

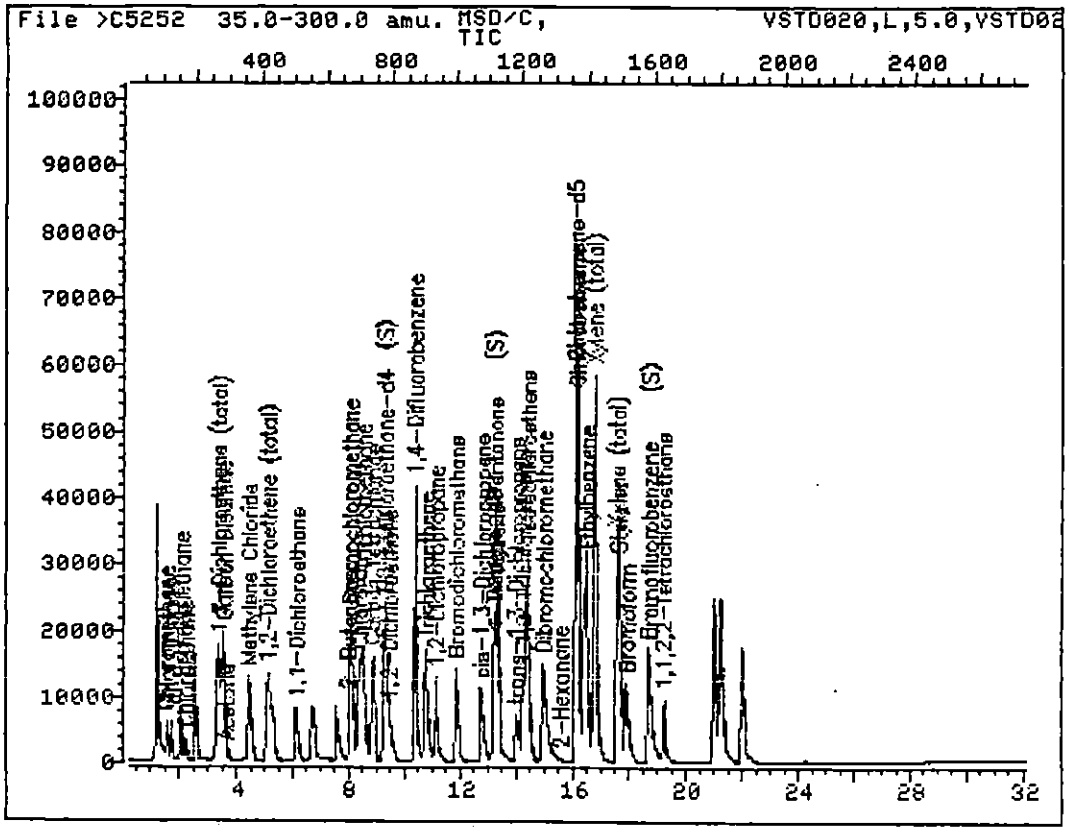
Operator ID: ANN Quant Rev: 7 Quant Time: 940728 17:51
Output File: ^C5260::QT Injected at: 940728 17:18
Data File: >C5260::C4 Dilution Factor: 1.00000
Name: MSD/C, Instrument ID: C
Misc: VSTD010,L,5.0,VSTD010,

ID File: IDC90L::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940707 15:55 Last Qcal Time: 940727 17:42

	Compound	R.T.	Q ion	Area	Conc	Units	q
39)	1,1,2,2-Tetrachloroethane	19.15	83.0	13401	10.70	ppb	9

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >C5252::C4 Quant Output File: ^C5252::QT
Name: MSD/C, Instrument ID: C
Misc: VSTD020,L,5.0,VSTD020,

Id File: IDC90L::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940707 15:55 Last Qcal Time: 940727 17:42

Operator ID: ANN
Quant Time : 940728 12:15
Injected at: 940728 11:39

Operator ID: ANN
Output File: ^C5252::QT
Data File: >C5252::C4
Name: MSD/C,
Misc: VSTD020,L,5.0,VSTD020,

Quant Rev: 7 Quant Time: 940728 12:15
Injected at: 940728 11:39
Dilution Factor: 1.00000
Instrument ID: C

ID File: IDC90L::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940707 15:55 Last Qcal Time: 940727 17:42

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	8.03	127.9	29729	50.00	ppb	9
2)	Chloromethane	1.55	50.0	9238	68.30	ppb	9
3)	Vinyl Chloride	1.68	62.0	11707	50.27	ppb	8
4)	Bromomethane	2.06	94.0	13606M	41.50	ppb	
5)	Chloroethane	2.21	64.0	6716	34.77	ppb	7
6)	1,1-Dichloroethene	3.35	96.0	20365	39.85	ppb	9
7)	Carbon Disulfide	3.52	76.0	37033	49.27	ppb	9
8)	Acetone	3.65	43.0	2488M	18.64	ppb	
9)	Methylene Chloride	4.43	84.0	23939	29.73	ppb	8
10)	1,2-Dichloroethene (total)	3.35	96.0	20365	26.76	ppb	9
10)	1,2-Dichloroethene (total)	5.08	96.0	20736	27.25	ppb	9
11)	1,1-Dichloroethane	6.13	63.0	38705	31.22	ppb	9
12)	2-Butanone	7.97	43.0	3506M	21.60	ppb	
13)	Chloroform	8.38	83.0	44879	27.07	ppb	9
14)	1,2-Dichloroethane	9.43	62.0	27014	24.74	ppb	9
15)	1,2-Dichloroethane-d4 (S)	9.26	65.0	22106	24.85	ppb	9
16)	*1,4-Difluorobenzene	10.34	114.0	132165	50.00	ppb	9
17)	1,1,1-Trichloroethane	8.50	97.0	43844	28.42	ppb	9
18)	Carbon Tetrachloride	8.84	117.0	41235	29.14	ppb	9
19)	Benzene	9.29	78.0	54939	30.77	ppb	9
20)	Trichloroethene	10.74	130.0	25799	26.57	ppb	9
21)	1,2-Dichloropropane	11.12	63.0	19367	25.22	ppb	9
22)	Bromodichloromethane	11.84	83.0	39273	22.73	ppb	9
23)	trans-1,3-Dichloropropene	14.00	75.0	22660	19.81	ppb	6
24)	cis-1,3-Dichloropropene	12.76	75.0	28488	22.98	ppb	9
25)	1,1,2-Trichloroethane	14.25	97.0	18653	22.51	ppb	9
26)	Dibromochloromethane	14.97	129.0	38204	22.30	ppb	9
27)	Bromoform	17.90	173.0	26269	19.33	ppb	9
28)	*Chlorobenzene-d5	16.08	117.0	106122	50.00	ppb	9
29)	4-Methyl-2-Pentanone	13.24	43.0	11324M	19.62	ppb	8
30)	Toluene-d8 (S)	13.19	98.0	54861	26.88	ppb	9
31)	Toluene	13.31	92.0	37460	29.70	ppb	9
32)	Tetrachloroethene	14.39	164.0	27574	30.92	ppb	9
33)	2-Hexanone	15.58	43.0	1538M	4.19	ppb	
34)	Chlorobenzene	16.12	112.0	50740	27.01	ppb	9
35)	Ethylbenzene	16.50	106.0	23726	28.56	ppb	9
36)	Xylene (total)	16.75	106.0	56753	51.63	ppb	9
36)	Xylene (total)	17.54	106.0	29258	26.62	ppb	9
37)	Styrene	17.61	104.0	46493	24.69	ppb	9
38)	Bromofluorobenzene (S)	18.68	95.0	38123	24.73	ppb	9

Operator ID: ANN
Output File: ^C5252::QT
Data File: >C5252::C4
Name: MSD/C,
Misc: VSTD020,L,5.0,VSTD020,

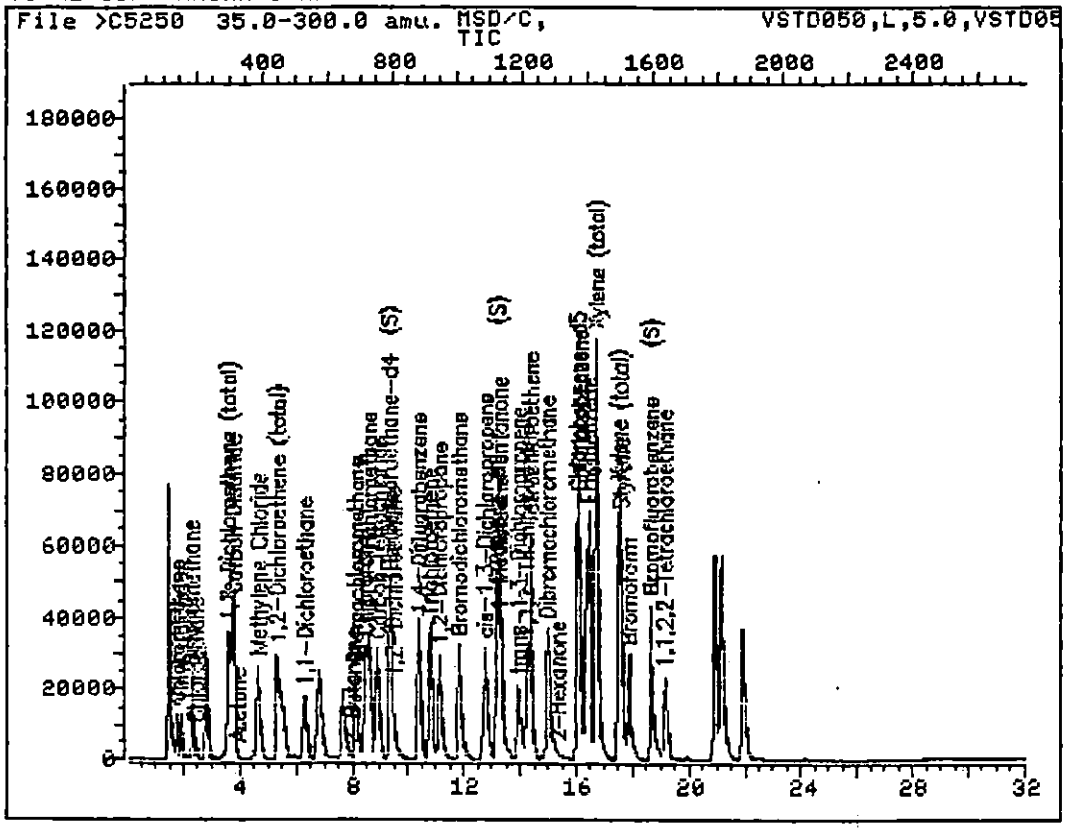
Quant Rev: 7 Quant Time: 940728 12:15
Injected at: 940728 11:39
Dilution Factor: 1.00000
Instrument ID: C

ID File: IDC90L::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940707 15:55 Last Qcal Time: 940727 17:42

	Compound	R.T.	Q ion	Area	Conc	Units	q
39)	1,1,2,2-Tetrachloroethane	19.18	83.0	24004	21.45	ppb	9

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >C5250::C4 Quant Output File: ^C5250::QT
Name: MSD/C, Instrument ID: C
Misc: VSTD050,L,5.0,VSTD050,

Id File: IDC90L::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940707 15:55 Last Qcal Time: 940727 17:42

Operator ID: ANN
Quant Time : 940728 10:52
Injected at: 940728 10:19

Operator ID: ANN Quant Rev: 7 Quant Time: 940728 10:52
Output File: ^C5250::QT Injected at: 940728 10:19
Data File: >C5250::C4 Dilution Factor: 1.00000
Name: MSD/C, Instrument ID: C
Misc: VSTD050,L,5.0,VSTD050,

ID File: IDC90L::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940707 15:55 Last Qcal Time: 940727 17:42

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	8.08	127.9	29594	50.00	ppb	9
2)	Chloromethane	1.75	50.0	20511	152.35	ppb	9
3)	Vinyl Chloride	1.88	62.0	25798	111.29	ppb	8
4)	Bromomethane	2.26	94.0	29001	88.86	ppb	9
5)	Chloroethane	2.41	64.0	15065	78.35	ppb	8
6)	1,1-Dichloroethene	3.54	96.0	39267	77.20	ppb	9
7)	Carbon Disulfide	3.73	76.0	69415	92.76	ppb	9
8)	Acetone	3.89	43.0	6442	48.49	ppb	8
9)	Methylene Chloride	4.63	84.0	48548	60.58	ppb	9
10)	1,2-Dichloroethene (total)	3.54	96.0	39267	51.84	ppb	9
10)	1,2-Dichloroethene (total)	5.28	96.0	43093	56.89	ppb	9
11)	1,1-Dichloroethane	6.27	63.0	76264	61.79	ppb	9
12)	2-Butanone	7.97	43.0	7781M	48.15	ppb	
13)	Chloroform	8.42	83.0	91776	55.61	ppb	9
14)	1,2-Dichloroethane	9.43	62.0	62001	57.04	ppb	9
15)	1,2-Dichloroethane-d4 (S)	9.28	65.0	51056	57.65	ppb	9
16)	*1,4-Difluorobenzene	10.34	114.0	130182	50.00	ppb	9
17)	1,1,1-Trichloroethane	8.55	97.0	87580	57.64	ppb	9
18)	Carbon Tetrachloride	8.90	117.0	80655M	57.87	ppb	9
19)	Benzene	9.31	78.0	110546	62.85	ppb	9
20)	Trichloroethene	10.74	130.0	55621	58.15	ppb	9
21)	1,2-Dichloropropane	11.11	63.0	41796	55.26	ppb	9
22)	Bromodichloromethane	11.80	83.0	92211	54.19	ppb	9
23)	trans-1,3-Dichloropropene	13.91	75.0	58296	51.75	ppb	7
24)	cis-1,3-Dichloropropene	12.72	75.0	68341	55.96	ppb	9
25)	1,1,2-Trichloroethane	14.20	97.0	40557	49.70	ppb	9
26)	Dibromochloromethane	14.92	129.0	84759	50.23	ppb	9
27)	Bromoform	17.83	173.0	64418	48.12	ppb	9
28)	*Chlorobenzene-d5	16.03	117.0	105561	50.00	ppb	9
29)	4-Methyl-2-Pentanone	13.22	43.0	16124	28.09	ppb	9
30)	Toluene-d8 (S)	13.16	98.0	113681	55.99	ppb	9
31)	Toluene	13.27	92.0	77582	61.84	ppb	9
32)	Tetrachloroethene	14.33	164.0	54666	61.62	ppb	9
33)	2-Hexanone	15.32	43.0	10922M	29.95	ppb	9
34)	Chlorobenzene	16.07	112.0	104044	55.69	ppb	9
35)	Ethylbenzene	16.42	106.0	47638	57.64	ppb	9
36)	Xylene (total)	16.69	106.0	117719	107.66	ppb	8
36)	Xylene (total)	17.49	106.0	59105	54.06	ppb	9
37)	Styrene	17.55	104.0	100250	53.53	ppb	9
38)	Bromofluorobenzene (S)	18.61	95.0	79680	51.96	ppb	9

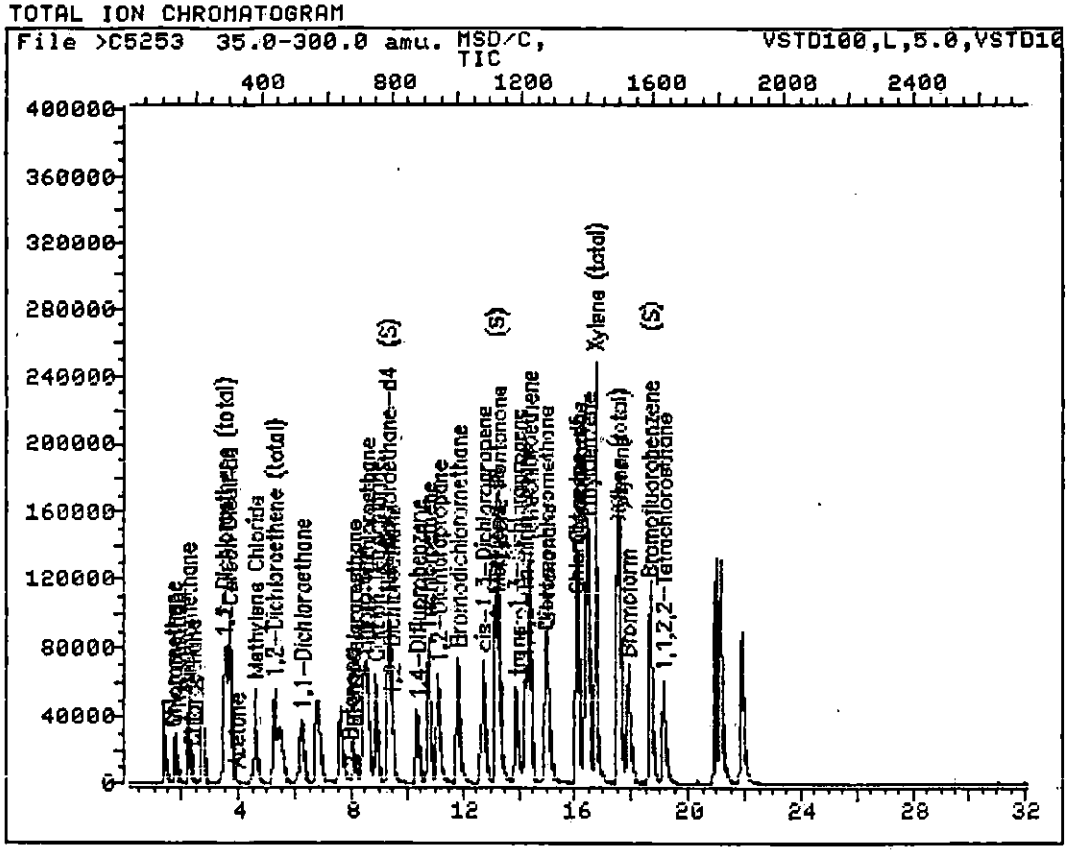
Operator ID: ANN Quant Rev: 7 Quant Time: 940728 10:52
Output File: ^C5250::QT Injected at: 940728 10:19
Data File: >C5250::C4 Dilution Factor: 1.00000
Name: MSD/C, Instrument ID: C
Misc: VSTD050,L,5.0,VSTD050,

ID File: IDC90L::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940707 15:55 Last Qcal Time: 940727 17:42

	Compound	R.T.	Q ion	Area	Conc	Units	q
39)	1,1,2,2-Tetrachloroethane	19.11	83.0	58948	52.95	ppb	9

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >C5253::C4 Quant Output File: ^C5253::QT
Name: MSD/C, Instrument ID: C
Misc: VSTD100,L,5.0,VSTD100,

Id File: IDC90L::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940707 15:55 Last Qcal Time: 940727 17:42

Operator ID: ANN
Quant Time : 940728 12:55
Injected at: 940728 12:18

Operator ID: ANN Quant Rev: 7 Quant Time: 940728 12:55
Output File: ^C5253::QT Injected at: 940728 12:18
Data File: >C5253::C4 Dilution Factor: 1.00000
Name: MSD/C, Instrument ID: C
Misc: VSTD100,L,5.0,VSTD100,

ID File: IDC90L::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940707 15:55 Last Qcal Time: 940727 17:42

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	8.06	127.9	32384	50.00	ppb	9
2)	Chloromethane	1.69	50.0	49803	338.04	ppb	9
3)	Vinyl Chloride	1.81	62.0	60134	237.06	ppb	8
4)	Bromomethane	2.20	94.0	63061	176.58	ppb	9
5)	Chloroethane	2.36	64.0	35010	166.39	ppb	8
6)	1,1-Dichloroethene	3.46	96.0	81478	146.38	ppb	9
7)	Carbon Disulfide	3.64	76.0	152857	186.68	ppb	9
8)	Acetone	3.90	43.0	14022	96.46	ppb	8
9)	Methylene Chloride	4.57	84.0	101575	115.82	ppb	9
10)	1,2-Dichloroethene (total)	3.46	96.0	81478	98.30	ppb	9
10)	1,2-Dichloroethene (total)	5.22	96.0	89361	107.81	ppb	9
11)	1,1-Dichloroethane	6.22	63.0	166119	123.00	ppb	9
12)	2-Butanone	7.93	43.0	17811M	100.72	ppb	8
13)	Chloroform	8.40	83.0	191735	106.17	ppb	9
14)	1,2-Dichloroethane	9.42	62.0	129086	108.52	ppb	9
15)	1,2-Dichloroethane-d4 (S)	9.27	65.0	114113	117.76	ppb	9
16)	*1,4-Difluorobenzene	10.35	114.0	135238	50.00	ppb	9
17)	1,1,1-Trichloroethane	8.53	97.0	181837	115.19	ppb	9
18)	Carbon Tetrachloride	8.87	117.0	168005	116.04	ppb	9
19)	Benzene	9.30	78.0	230961	126.40	ppb	9
20)	Trichloroethene	10.72	130.0	115815	116.56	ppb	9
21)	1,2-Dichloropropane	11.10	63.0	89747	114.22	ppb	9
22)	Bromodichloromethane	11.81	83.0	194911	110.25	ppb	9
23)	trans-1,3-Dichloropropene	13.91	75.0	124566	106.44	ppb	6
24)	cis-1,3-Dichloropropene	12.71	75.0	144920	114.23	ppb	9
25)	1,1,2-Trichloroethane	14.20	97.0	87354	103.04	ppb	9
26)	Dibromochloromethane	14.93	129.0	178618	101.90	ppb	9
27)	Bromoform	17.83	173.0	141612	101.83	ppb	9
28)	*Chlorobenzene-d5	16.04	117.0	113627	50.00	ppb	9
29)	4-Methyl-2-Pentanone	13.22	43.0	57202	92.58	ppb	8
30)	Toluene-d8 (S)	13.16	98.0	255214	116.77	ppb	9
31)	Toluene	13.28	92.0	162072	120.02	ppb	9
32)	Tetrachloroethene	14.34	164.0	110298	115.50	ppb	9
33)	2-Hexanone	14.99	43.0	37271M	94.94	ppb	8
34)	Chlorobenzene	16.08	112.0	214097	106.45	ppb	9
35)	Ethylbenzene	16.43	106.0	98951	111.23	ppb	9
36)	Xylene (total)	16.70	106.0	234314	199.09	ppb	9
36)	Xylene (total)	17.49	106.0	117369	99.72	ppb	9
37)	Styrene	17.55	104.0	205666	102.02	ppb	9
38)	Bromofluorobenzene (S)	18.62	95.0	185299	112.25	ppb	9

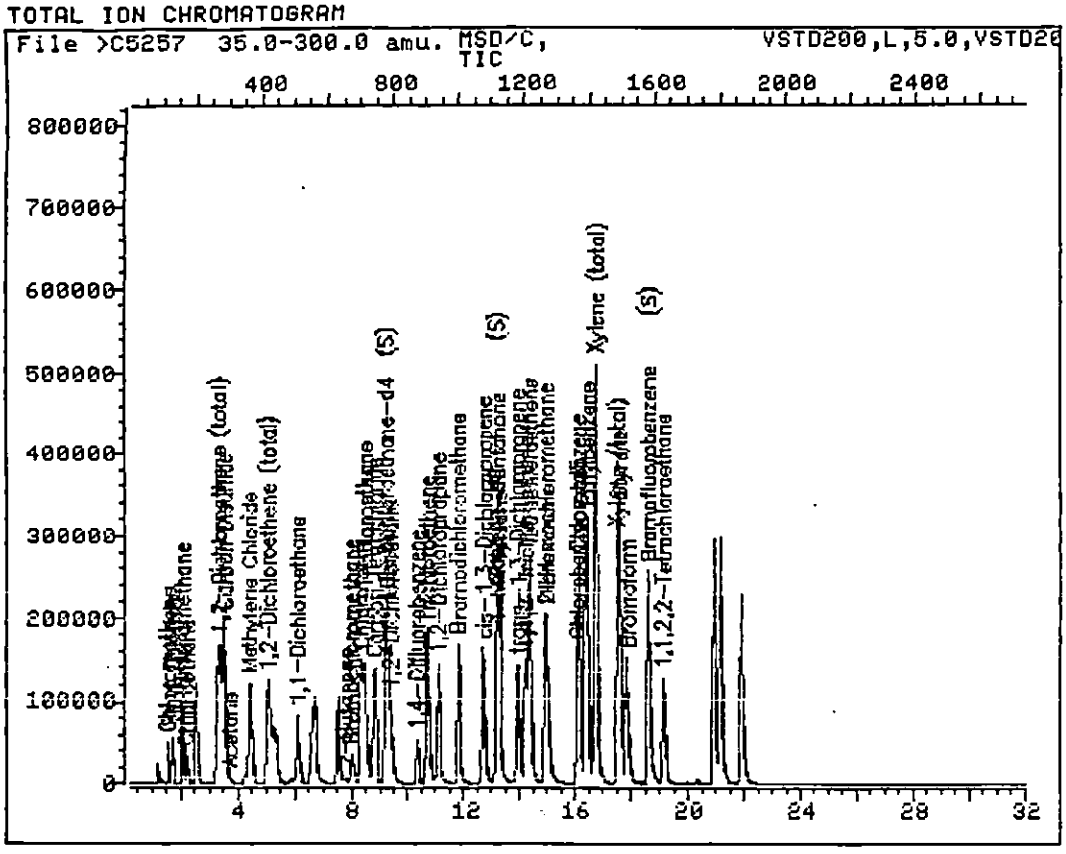
Operator ID: ANN Quant Rev: 7 Quant Time: 940728 12:55
Output File: ^C5253::QT Injected at: 940728 12:18
Data File: >C5253::C4 Dilution Factor: 1.00000
Name: MSD/C, Instrument ID: C
Misc: VSTD100,L,5.0,VSTD100,

ID File: IDC90L::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940707 15:55 Last Qcal Time: 940727 17:42

	Compound	R.T.	Q ion	Area	Conc	Units	q
39)	1,1,2,2-Tetrachloroethane	19.11	83.0	137218	114.51	ppb	9

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >C5257::C4 Quant Output File: ^C5257::QT
Name: MSD/C, Instrument ID: C
Misc: VSTD200,L,5.0,VSTD200,

Id File: IDC90L::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940707 15:55 Last Qcal Time: 940727 17:42

Operator ID: EILEEN
Quant Time : 940728 15:40
Injected at: 940728 15:05

Operator ID: EILEEN Quant Rev: 7 Quant Time: 940728 15:40
Output File: ^C5257::QT Injected at: 940728 15:05
Data File: >C5257::C4 Dilution Factor: 1.00000
Name: MSD/C, Instrument ID: C
Misc: VSTD200,L,5.0,VSTD200,

ID File: IDC90L::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940707 15:55 Last Qcal Time: 940727 17:42

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	7.98	127.9	39214	50.00	ppb	92
2)	Chloromethane	1.52	50.0	97149	544.56	ppb	97
3)	Vinyl Chloride	1.65	62.0	119906	390.37	ppb	81
4)	Bromomethane	2.03	94.0	138926	321.26	ppb	95
5)	Chloroethane	2.19	64.0	71175	279.36	ppb	84
6)	1,1-Dichloroethene	3.31	96.0	182294	270.46	ppb	92
7)	Carbon Disulfide	3.48	76.0	323468	326.23	ppb	99
8)	Acetone	3.70	43.0	25848	146.85	ppb	83
9)	Methylene Chloride	4.40	84.0	219709	206.89	ppb	95
10)	1,2-Dichloroethene (total)	3.31	96.0	182294	181.62	ppb	95
10)	1,2-Dichloroethene (total)	5.04	96.0	199042	198.30	ppb	90
11)	1,1-Dichloroethane	6.08	63.0	364687	222.99	ppb	98
12)	2-Butanone	7.78	43.0	31116	145.32	ppb	95
13)	Chloroform	8.34	83.0	417357	190.85	ppb	99
14)	1,2-Dichloroethane	9.36	62.0	276647	192.06	ppb	98
15)	1,2-Dichloroethane-d4 (S)	9.21	65.0	223634	190.58	ppb	97
16)	*1,4-Difluorobenzene	10.30	114.0	167298	50.00	ppb	92
17)	1,1,1-Trichloroethane	8.46	97.0	382532	195.89	ppb	93
18)	Carbon Tetrachloride	8.80	117.0	356279	198.92	ppb	95
19)	Benzene	9.24	78.0	487357	215.61	ppb	98
20)	Trichloroethene	10.67	130.0	253134	205.93	ppb	93
21)	1,2-Dichloropropane	11.07	63.0	197112	202.78	ppb	94
22)	Bromodichloromethane	11.78	83.0	428126	195.77	ppb	99
23)	trans-1,3-Dichloropropene	13.89	75.0	289901	200.25	ppb	70
24)	cis-1,3-Dichloropropene	12.69	75.0	330396	210.52	ppb	97
25)	1,1,2-Trichloroethane	14.20	97.0	185366M	176.76	ppb	97
26)	Dibromochloromethane	14.93	129.0	366191	168.88	ppb	90
27)	Bromoform	17.84	173.0	294408	171.13	ppb	97
28)	*Chlorobenzene-d5	16.03	117.0	133587	50.00	ppb	93
29)	4-Methyl-2-Pentanone	13.19	43.0	128960	177.53	ppb	90
30)	Toluene-d8 (S)	13.14	98.0	510575	198.71	ppb	98
31)	Toluene	13.26	92.0	345979	217.93	ppb	99
32)	Tetrachloroethene	14.32	164.0	237356	211.41	ppb	98
33)	2-Hexanone	14.94	43.0	71827M	155.63	ppb	96
34)	Chlorobenzene	16.08	112.0	456571	193.10	ppb	98
35)	Ethylbenzene	16.43	106.0	206846	197.78	ppb	95
36)	Xylene (total)	16.71	106.0	479148	346.28	ppb	91
36)	Xylene (total)	17.49	106.0	243248	175.80	ppb	93
37)	Styrene	17.56	104.0	438285	184.92	ppb	93
38)	Bromofluorobenzene (S)	18.59	95.0	366791	188.99	ppb	98

Operator ID: EILEEN Quant Rev: 7 Quant Time: 940728 15:40
Output File: ^C5257::QT Injected at: 940728 15:05
Data File: >C5257::C4 Dilution Factor: 1.00000
Name: MSD/C, Instrument ID: C
Misc: VSTD200,L,5.0,VSTD200,

ID File: IDC90L::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940707 15:55 Last Qcal Time: 940727 17:42

	Compound	R.T.	Q ion	Area	Conc	Units	c
39)	1,1,2,2-Tetrachloroethane	19.11	83.0	276558	196.31	ppb	9

* Compound is ISTD

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: LRI Contract:

Lab Code: LRI Case No.: SAS No.: SDG No:

Instrument ID: MSD/B Calibration Date(s): 08/01/94 Time: 10:37

Lab File ID: >B5204 Init. Cali. Date(s): 07/22/94 07/23/94

Heated Purge: (Y/N) Y Init. Calib.Times: 17:52 00:30

GC Column: CAP ID: 0.53 (mm)

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
Chloromethane	1.1386	1.0310		9.45	
Bromomethane	1.4346	1.2940	0.100	9.80	25.0
Vinyl Chloride	1.2433	1.1620	0.100	6.54	25.0
Chloroethane	.6543	.6772		3.50	
Methylene Chloride	1.8205	1.6980		6.73	
Acetone	.2462	.2228		9.50	
Carbon Disulfide	3.1987	3.1910		.24	
1,1-Dichloroethene	1.2653	1.2930	0.100	2.19	25.0
1,1-Dichloroethane	2.4754	2.5310	0.200	2.25	25.0
1,2-Dichloroethene (total)	1.5103	1.4650		3.00	
Chloroform	2.5676	2.7230	0.200	6.05	25.0
1,2-Dichloroethane	1.5961	1.7070	0.100	6.95	25.0
2-Butanone	.4584	.4371		4.65	
1,1,1-Trichloroethane	.5143	.5450	0.100	5.97	25.0
Carbon Tetrachloride	.4931	.5082	0.100	3.06	25.0
Bromodichloromethane	.7247	.7075	0.200	2.37	25.0
1,2-Dichloropropane	.3689	.3556		3.61	
cis-1,3-Dichloropropene	.5461	.5554	0.200	1.70	25.0
Trichloroethene	.4544	.4318	0.300	4.97	25.0
Dibromochloromethane	.7601	.7166	0.100	5.72	25.0
1,1,2-Trichloroethane	.3901	.3691	0.100	5.38	25.0
Benzene	.9260	.9103	0.500	1.70	25.0
trans-1,3-Dichloropropene	.4290	.4446	0.100	3.64	25.0
Bromoform	.7690	.6574	0.100	14.51	25.0
4-Methyl-2-Pentanone	.3918	.3742		4.49	
2-Hexanone	.2525	.2378		5.82	
Tetrachloroethene	.6456	.5881	0.200	8.91	25.0
1,1,2,2-Tetrachloroethane	.7978	.7544	0.500	5.44	25.0
Toluene	.7598	.7580	0.400	.24	25.0
Chlorobenzene	1.0054	.9611	0.500	4.41	25.0
Ethylbenzene	.4570	.4467	0.100	2.25	25.0
Styrene	.9697	.9431	0.300	2.74	25.0
Xylene (total)	.5498	.5363	0.300	2.46	25.0
Toluene-d8 (S)	1.0513	1.0340		1.65	
Bromofluorobenzene (S)	1.0005	.8419	0.200	15.85	25.0
1,2-Dichloroethane-d4 (S)	1.2284	1.3170		7.21	

All other compounds must meet a minimum RRF of 0.010.

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: LRI Contract:

Lab Code: LRI Case No.: SAS No.: SDG No:

Instrument ID: MSD/B Calibration Date(s): 08/08/94 Time: 10:07

Lab File ID: >B5292 Init. Cali. Date(s): 07/22/94 07/23/94

Heated Purge: (Y/N) Y Init, Calib.Times: 17:52 00:30

GC Column: CAP ID: 0.53 (mm)

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
Chloromethane	1.1386	.8131		28.59	
Bromomethane	1.4346	1.1490	0.100	19.91	25.0
Vinyl Chloride	1.2433	.9554	0.100	23.16	25.0
Chloroethane	.6543	.5744		12.21	
Methylene Chloride	1.8205	1.6810		7.66	
Acetone	.2462	.2336		5.12	
Carbon Disulfide	3.1987	2.6630		16.75	
1,1-Dichloroethene	1.2653	1.2830	0.100	1.40	25.0
1,1-Dichloroethane	2.4754	2.3780	0.200	3.93	25.0
1,2-Dichloroethene (total)	1.5103	1.4360		4.92	
Chloroform	2.5676	2.6870	0.200	4.65	25.0
1,2-Dichloroethane	1.5961	1.6310	0.100	2.19	25.0
2-Butanone	.4584	.4803		4.78	
1,1,1-Trichloroethane	.5143	.5777	0.100	12.33	25.0
Carbon Tetrachloride	.4931	.5794	0.100	17.50	25.0
Bromodichloromethane	.7247	.6849	0.200	5.49	25.0
1,2-Dichloropropane	.3689	.3617		1.95	
cis-1,3-Dichloropropene	.5461	.5884	0.200	7.75	25.0
Trichloroethene	.4544	.5185	0.300	14.11	25.0
Dibromochloromethane	.7601	.8932	0.100	17.51	25.0
1,1,2-Trichloroethane	.3901	.4266	0.100	9.36	25.0
Benzene	.9260	.9357	0.500	1.05	25.0
trans-1,3-Dichloropropene	.4290	.4793	0.100	11.72	25.0
Bromoform	.7690	.8993	0.100	16.94	25.0
4-Methyl-2-Pentanone	.3918	.4280		9.24	
2-Hexanone	.2525	.2777		9.98	
Tetrachloroethene	.6456	.7064	0.200	9.42	25.0
1,1,2,2-Tetrachloroethane	.7978	.8633	0.500	8.21	25.0
Toluene	.7598	.8063	0.400	6.12	25.0
Chlorobenzene	1.0054	1.1030	0.500	9.71	25.0
Ethylbenzene	.4570	.4972	0.100	8.80	25.0
Styrene	.9697	1.0480	0.300	8.07	25.0
Xylene (total)	.5498	.5971	0.300	8.60	25.0
Toluene-d8 (S)	1.0513	.9754		7.22	
Bromofluorobenzene (S)	1.0005	.8133	0.200	18.71	25.0
1,2-Dichloroethane-d4 (S)	1.2284	1.1100		9.64	

All other compounds must meet a minimum RRF of 0.010.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: LRI Contract:

Lab Code: LRI Case No.: SAS No.: SDG No:

Instrument ID: MSD/B Calibration Date(s): 08/10/94 Time: 10:04

Lab File ID: >B5326 Init. Cali. Date(s): 07/22/94 07/23/94

Heated Purge: (Y/N) Y Init. Calib.Times: 17:52 00:30

GC Column: CAP ID: 0.53 (mm)

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
Chloromethane	1.1386	.9664		15.12	
Bromomethane	1.4346	1.3000	0.100	9.38	25.0
Vinyl Chloride	1.2433	1.0930	0.100	12.09	25.0
Chloroethane	.6543	.6248		4.51	
Methylene Chloride	1.8205	1.5580		14.42	
Acetone	.2462	.2040		17.14	
Carbon Disulfide	3.1987	2.4450		23.56	
1,1-Dichloroethene	1.2653	1.1870	0.100	6.19	25.0
1,1-Dichloroethane	2.4754	2.3490	0.200	5.11	25.0
1,2-Dichloroethene (total)	1.5103	1.3660		9.55	
Chloroform	2.5676	2.5300	0.200	1.46	25.0
1,2-Dichloroethane	1.5961	1.5200	0.100	4.77	25.0
2-Butanone	.4584	.4186		8.68	
1,1,1-Trichloroethane	.5143	.4983	0.100	3.11	25.0
Carbon Tetrachloride	.4931	.4946	0.100	.30	25.0
Bromodichloromethane	.7247	.5937	0.200	18.08	25.0
1,2-Dichloropropane	.3689	.3300		10.54	
cis-1,3-Dichloropropene	.5461	.5090	0.200	6.79	25.0
Trichloroethene	.4544	.4422	0.300	2.68	25.0
Dibromochloromethane	.7601	.7495	0.100	1.39	25.0
1,1,2-Trichloroethane	.3901	.3704	0.100	5.05	25.0
Benzene	.9260	.8565	0.500	7.51	25.0
trans-1,3-Dichloropropene	.4290	.3924	0.100	8.53	25.0
Bromoform	.7690	.7729	0.100	.51	25.0
4-Methyl-2-Pentanone	.3918	.3547		9.47	
2-Hexanone	.2525	.2251		10.85	
Tetrachloroethene	.6456	.6489	0.200	.51	25.0
1,1,2,2-Tetrachloroethane	.7978	.7169	0.500	10.14	25.0
Toluene	.7598	.7229	0.400	4.86	25.0
Chlorobenzene	1.0054	.9664	0.500	3.88	25.0
Ethylbenzene	.4570	.4387	0.100	4.00	25.0
Styrene	.9697	.9325	0.300	3.84	25.0
Xylene (total)	.5498	.5320	0.300	3.24	25.0
Toluene-d8 (S)	1.0513	.9699		7.74	
Bromofluorobenzene (S)	1.0005	.8638	0.200	13.66	25.0
1,2-Dichloroethane-d4 (S)	1.2284	1.1050		10.05	

All other compounds must meet a minimum RRF of 0.010.

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: LRI Contract:

Lab Code: LRI Case No.: SAS No.: SDG No:

Instrument ID: MSD/B Calibration Date(s): 08/11/94 Time: 10:48

Lab File ID: >B5345 Init. Cali. Date(s): 07/22/94 07/23/94

Heated Purge: (Y/N) Y Init. Calib.Times: 17:52 00:30

GC Column: CAP ID: 0.53 (mm)

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
Chloromethane	1.1386	1.1250		1.19	
Bromomethane	1.4346	1.5040	0.100	4.84	25.0
Vinyl Chloride	1.2433	1.2990	0.100	4.48	25.0
Chloroethane	.6543	.7431		13.57	
Methylene Chloride	1.8205	1.7740		2.55	
Acetone	.2462	.2567		4.26	
Carbon Disulfide	3.1987	2.7630		13.62	
1,1-Dichloroethene	1.2653	1.3440	0.100	6.22	25.0
1,1-Dichloroethane	2.4754	2.6940	0.200	8.83	25.0
1,2-Dichloroethene (total)	1.5103	1.5400		1.97	
Chloroform	2.5676	2.8520	0.200	11.08	25.0
1,2-Dichloroethane	1.5961	1.7410	0.100	9.08	25.0
2-Butanone	.4584	.5483		19.61	
1,1,1-Trichloroethane	.5143	.5746	0.100	11.72	25.0
Carbon Tetrachloride	.4931	.5619	0.100	13.95	25.0
Bromodichloromethane	.7247	.6828	0.200	5.78	25.0
1,2-Dichloropropane	.3689	.3803		3.09	
cis-1,3-Dichloropropene	.5461	.6042	0.200	10.64	25.0
Trichloroethene	.4544	.5066	0.300	11.49	25.0
Dibromochloromethane	.7601	.8665	0.100	14.00	25.0
1,1,2-Trichloroethane	.3901	.4347	0.100	11.43	25.0
Benzene	.9260	.9866	0.500	6.54	25.0
trans-1,3-Dichloropropene	.4290	.4853	0.100	13.12	25.0
Bromoform	.7690	.9394	0.100	22.16	25.0
4-Methyl-2-Pentanone	.3918	.4526		15.52	
2-Hexanone	.2525	.2992		18.50	
Tetrachloroethene	.6456	.7316	0.200	13.32	25.0
1,1,2,2-Tetrachloroethane	.7978	.8654	0.500	8.47	25.0
Toluene	.7598	.8191	0.400	7.80	25.0
Chlorobenzene	1.0054	1.0970	0.500	9.11	25.0
Ethylbenzene	.4570	.4980	0.100	8.97	25.0
Styrene	.9697	1.0630	0.300	9.62	25.0
Xylene (total)	.5498	.6042	0.300	9.89	25.0
Toluene-d8 (S)	1.0513	.9618		8.51	
Bromofluorobenzene (S)	1.0005	.8810	0.200	11.94	25.0
1,2-Dichloroethane-d4 (S)	1.2284	1.1140		9.31	

All other compounds must meet a minimum RRF of 0.010.

FORM VII CLP-10%

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: LRI Contract:

Lab Code: LRI Case No.: SAS No.: SDG No:

Instrument ID: MSD/C Calibration Date(s): 08/09/94 Time: 10:36

Lab File ID: >C5432 Init. Cali. Date(s): 07/28/94 07/28/94

Heated Purge: (Y/N) N Init. Calib.Times: 10:19 17:18

GC Column: CAP ID: 0.53 (mm)

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
Chloromethane	.7093	.7026		.94	
Bromomethane	1.0275	1.0470	0.100	1.90	25.0
Vinyl Chloride	.8694	.9172	0.100	5.50	25.0
Chloroethane	.5140	.5889		14.57	
Methylene Chloride	1.8017	1.7360		3.65	
Acetone	.2307	.2199		4.68	
Carbon Disulfide	2.5546	2.3390		8.44	
1,1-Dichloroethene	1.4241	1.3670	0.100	4.01	25.0
1,1-Dichloroethane	2.7930	2.8160	0.200	.82	25.0
1,2-Dichloroethene (total)	1.5263	1.3670		10.44	
Chloroform	3.2256	3.2420	0.200	.51	25.0
1,2-Dichloroethane	2.0625	2.1770	0.100	5.55	25.0
2-Butanone	.2519	.2049		18.66	
1,1,1-Trichloroethane	.7063	.7241	0.100	2.52	25.0
Carbon Tetrachloride	.6494	.6637	0.100	2.20	25.0
Bromodichloromethane	.7034	.6902	0.200	1.88	25.0
1,2-Dichloropropane	.3407	.3340		1.97	
cis-1,3-Dichloropropene	.5210	.5335	0.200	2.40	25.0
Trichloroethene	.4460	.4315	0.300	3.25	25.0
Dibromochloromethane	.6572	.6694	0.100	1.86	25.0
1,1,2-Trichloroethane	.3222	.3270	0.100	1.49	25.0
Benzene	.9069	.8684	0.500	4.25	25.0
trans-1,3-Dichloropropene	.4254	.4610	0.100	8.37	25.0
Bromoform	.4886	.5336	0.100	9.21	25.0
4-Methyl-2-Pentanone	.2362	.2429		2.84	
2-Hexanone	.0886	.0771		12.98	
Tetrachloroethene	.5542	.5391	0.200	2.72	25.0
1,1,2,2-Tetrachloroethane	.5619	.5207	0.500	7.33	25.0
Toluene	.7786	.7308	0.400	6.14	25.0
Chlorobenzene	1.0534	1.0380	0.500	1.46	25.0
Ethylbenzene	.4821	.4755	0.100	1.37	25.0
Styrene	.9606	.9750	0.300	1.50	25.0
Xylene (total)	.5916	.5808	0.300	1.83	25.0
Toluene-d8 (S)	1.1223	.7956		29.11	
Bromofluorobenzene (S)	.7762	.7489	0.200	3.52	25.0
1,2-Dichloroethane-d4 (S)	1.6747	1.3790		17.66	

All other compounds must meet a minimum RRF of 0.010.

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: LRI Contract:

Lab Code: LRI Case No.: SAS No.: SDG No:

Instrument ID: MSD/C Calibration Date(s): 08/11/94 Time: 10:26

Lab File ID: >C5474 Init. Cali. Date(s): 07/28/94 07/28/94

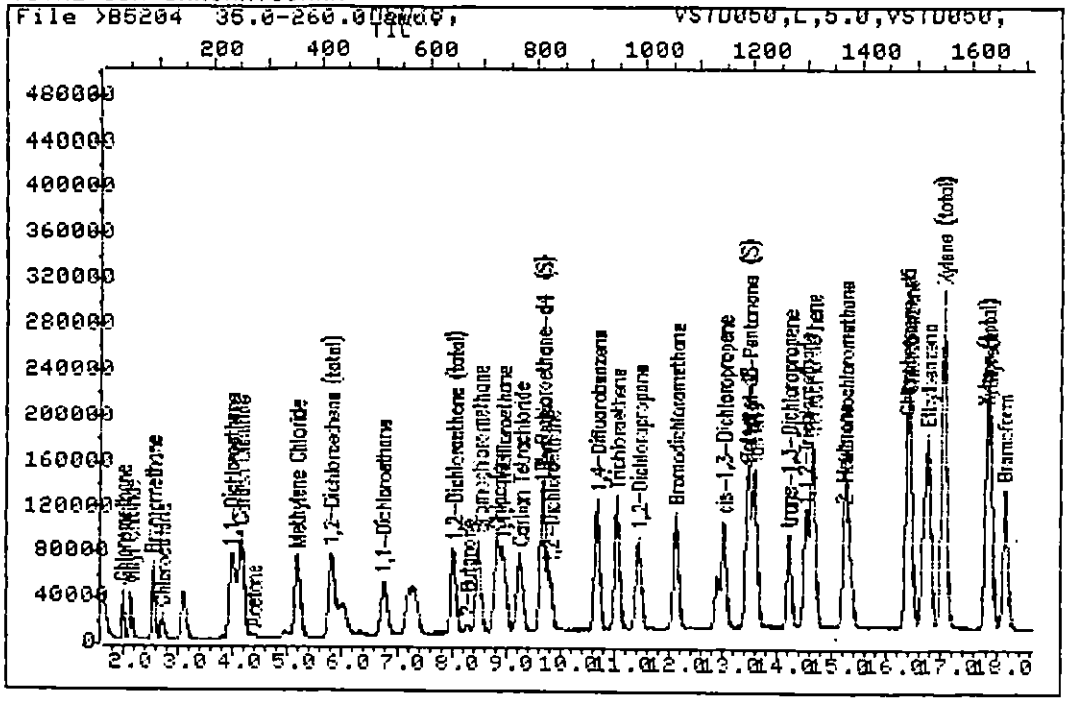
Heated Purge: (Y/N) N Init. Calib.Times: 10:19 17:18

GC Column: CAP ID: 0.53 (mm)

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
Chloromethane	.7093	.6725		5.19	
Bromomethane	1.0275	1.0140	0.100	1.31	25.0
Vinyl Chloride	.8694	.8147	0.100	6.29	25.0
Chloroethane	.5140	.5361		4.30	
Methylene Chloride	1.8017	1.4790		17.91	
Acetone	.2307	.1878		18.60	
Carbon Disulfide	2.5546	2.1410		16.19	
1,1-Dichloroethene	1.4241	1.2390	0.100	13.00	25.0
1,1-Dichloroethane	2.7930	2.5980	0.200	6.98	25.0
1,2-Dichloroethene (total)	1.5263	1.2390		18.82	
Chloroform	3.2256	2.9220	0.200	9.41	25.0
1,2-Dichloroethane	2.0625	2.0650	0.100	.12	25.0
2-Butanone	.2519	.1941		22.95	
1,1,1-Trichloroethane	.7063	.6322	0.100	10.49	25.0
Carbon Tetrachloride	.6494	.5840	0.100	10.07	25.0
Bromodichloromethane	.7034	.6196	0.200	11.91	25.0
1,2-Dichloropropane	.3407	.3095		9.16	
cis-1,3-Dichloropropene	.5210	.4716	0.200	9.48	25.0
Trichloroethene	.4460	.3771	0.300	15.45	25.0
Dibromochloromethane	.6572	.5639	0.100	14.20	25.0
1,1,2-Trichloroethane	.3222	.2882	0.100	10.55	25.0
Benzene	.9069	.7912	0.500	12.76	25.0
trans-1,3-Dichloropropene	.4254	.3863	0.100	9.19	25.0
Bromoform	.4886	.4478	0.100	8.35	25.0
4-Methyl-2-Pentanone	.2362	.1685		28.66	
2-Hexanone	.0886	.0676		23.70	
Tetrachloroethene	.5542	.5077	0.200	8.39	25.0
1,1,2,2-Tetrachloroethane	.5619	.4558	0.500	18.88	25.0
Toluene	.7786	.6648	0.400	14.62	25.0
Chlorobenzene	1.0534	.9305	0.500	11.67	25.0
Ethylbenzene	.4821	.4382	0.100	9.11	25.0
Styrene	.9606	.8542	0.300	11.08	25.0
Xylene (total)	.5916	.5249	0.300	11.27	25.0
Toluene-d8 (S)	1.1223	.7204		35.81	
Bromofluorobenzene (S)	.7762	.8074	0.200	4.02	25.0
1,2-Dichloroethane-d4 (S)	1.6747	1.1950		28.64	

All other compounds must meet a minimum RRF of 0.010.

TOTAL ION CHROMATOGRAM



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Id File: IDB90S::C2
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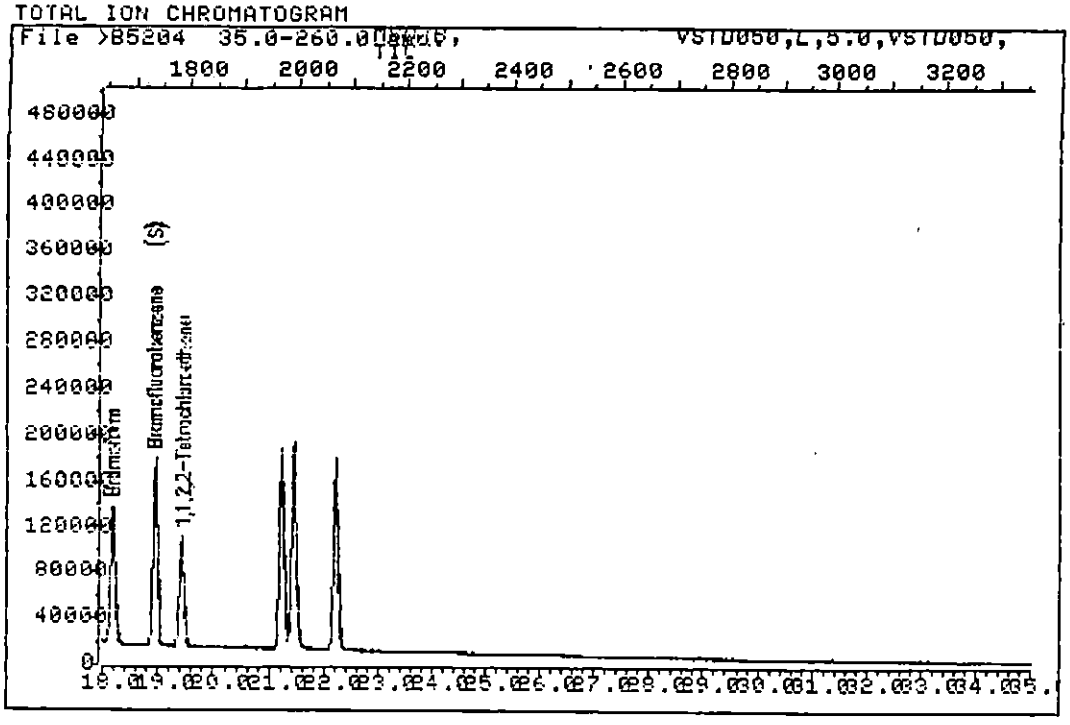
Last Calibration: 940724 15:20 Last Qcal Time: 940729 13:55

Operator ID: KATHY
Quant Time : 940801 11:14
Injected at: 940801 10:37

TOTAL ION CHROMATOGRAM



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Misc: VSTD050,L,5.0,VSTD050,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940729 13:55

Operator ID: KATHY
Quant Time : 940801 11:14
Injected at: 940801 10:37

Operator ID: KATHY Quant Rev: 7 Quant Time: 940801 11:14
Output File: ^B5204::QT Injected at: 940801 10:37
Data File: >B5204::83 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD050,L,5.0,VSTD050,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940729 13:55

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	8.49	127.9	70703	50.00	ppb	9
2)	Chloromethane	1.97	50.0	72931	60.82	ppb	9
3)	Vinyl Chloride	2.12	62.0	82199	61.08	ppb	8
4)	Bromomethane	2.52	94.0	91514	55.22	ppb	9
5)	Chloroethane	2.69	64.0	47886	60.90	ppb	9
6)	1,1-Dichloroethene	3.95	96.0	91418	49.57	ppb	8
7)	Carbon Disulfide	4.13	76.0	225627	52.78	ppb	9
8)	Acetone	4.36	43.0	15759M	62.08	ppb	
9)	Methylene Chloride	5.15	84.0	120106	51.49	ppb	9
10)	1,2-Dichloroethene (total)	5.77	96.0	103644	47.53	ppb	9
10)	1,2-Dichloroethene (total)	8.03	96.0	107101	49.11	ppb	8
11)	1,1-Dichloroethane	6.73	63.0	178950	53.19	ppb	9
12)	2-Butanone	8.28	43.0	30909M	49.36	ppb	8
13)	Chloroform	8.83	83.0	192571	49.77	ppb	9
14)	1,2-Dichloroethane	9.81	62.0	120754	52.42	ppb	9
15)	1,2-Dichloroethane-d4 (S)	9.65	65.0	93177	56.12	ppb	9
16)	*1,4-Difluorobenzene	10.68	114.0	293367	50.00	ppb	9
17)	1,1,1-Trichloroethane	8.93	97.0	159909	48.93	ppb	9
18)	Carbon Tetrachloride	9.26	117.0	149102	45.64	ppb	9
19)	Benzene	9.67	78.0	267078	51.00	ppb	9
20)	Trichloroethene	11.03	130.0	126702	44.74	ppb	9
21)	1,2-Dichloropropane	11.43	63.0	104348	53.78	ppb	9
22)	Bromodichloromethane	12.12	83.0	207576	48.29	ppb	9
23)	trans-1,3-Dichloropropene	14.19	75.0	130450	55.17	ppb	6
24)	cis-1,3-Dichloropropene	13.00	75.0	162940	53.29	ppb	9
25)	1,1,2-Trichloroethane	14.50	97.0	108302	50.95	ppb	9
26)	Dibromochloromethane	15.22	129.0	210227	47.46	ppb	9
27)	Bromoform	18.13	173.0	192867	48.71	ppb	9
28)	*Chlorobenzene-d5	16.34	117.0	245031	50.00	ppb	9
29)	4-Methyl-2-Pentanone	13.47	43.0	91693	59.83	ppb	9
30)	Toluene-d8 (S)	13.45	98.0	253541	50.71	ppb	9
31)	Toluene	13.58	92.0	185738	47.95	ppb	9
32)	Tetrachloroethene	14.63	164.0	144112	43.96	ppb	9
33)	2-Hexanone	15.19	43.0	58274	61.79	ppb	9
34)	Chlorobenzene	16.39	112.0	235520	45.83	ppb	9
35)	Ethylbenzene	16.73	106.0	109471	46.65	ppb	9
36)	Xylene (total)	17.01	106.0	269050	95.89	ppb	8
36)	Xylene (total)	17.80	106.0	131427	46.84	ppb	9
37)	Styrene	17.85	104.0	231106	47.28	ppb	9
38)	Bromofluorobenzene (S)	18.90	95.0	206310	53.47	ppb	9

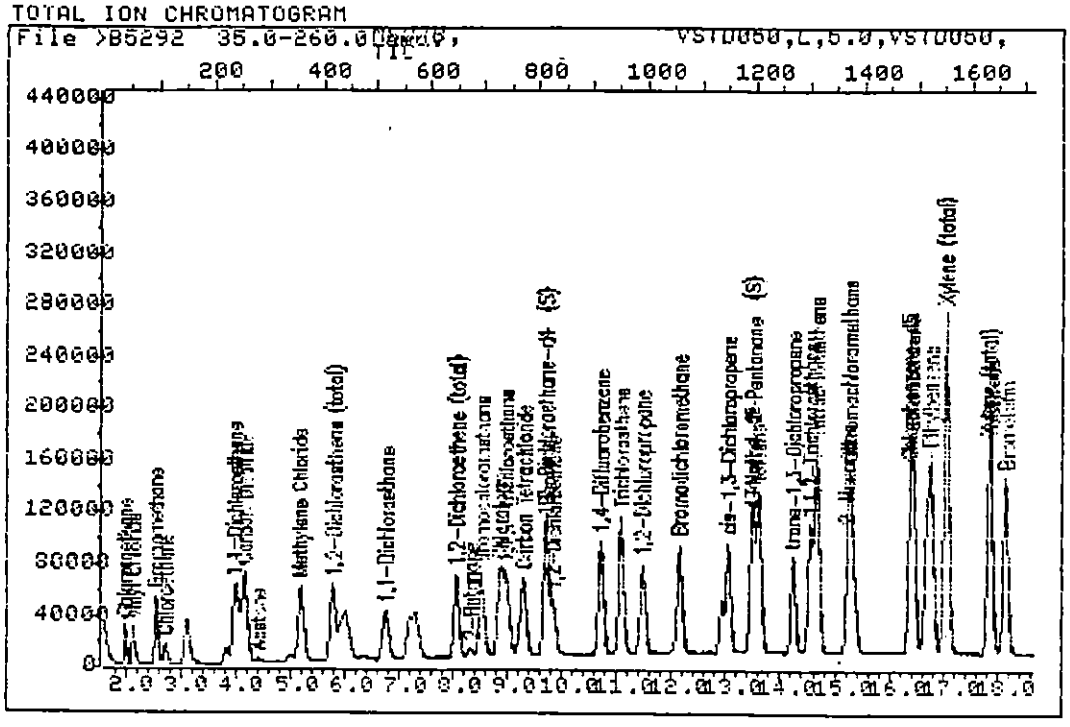
Operator ID: KATHY Quant Rev: 7 Quant Time: 940801 11:14
Output File: ^B5204::QT Injected at: 940801 10:37
Data File: >B5204::B3 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD050,L,5.0,VSTD050,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940729 13:55

	Compound	R.T.	Q ion	Area	Conc	Units	q
39)	1,1,2,2-Tetrachloroethane	19.41	83.0	184851	53.57	ppb	9

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >B5292::B3 Quant Output File: ^B5292::QT
Name: MSD/B, Instrument ID: B
Misc: VSTD050,L,5.0,VSTD050,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940802 10:31

Operator ID: KATHY
Quant Time : 940808 10:43
Injected at: 940808 10:07

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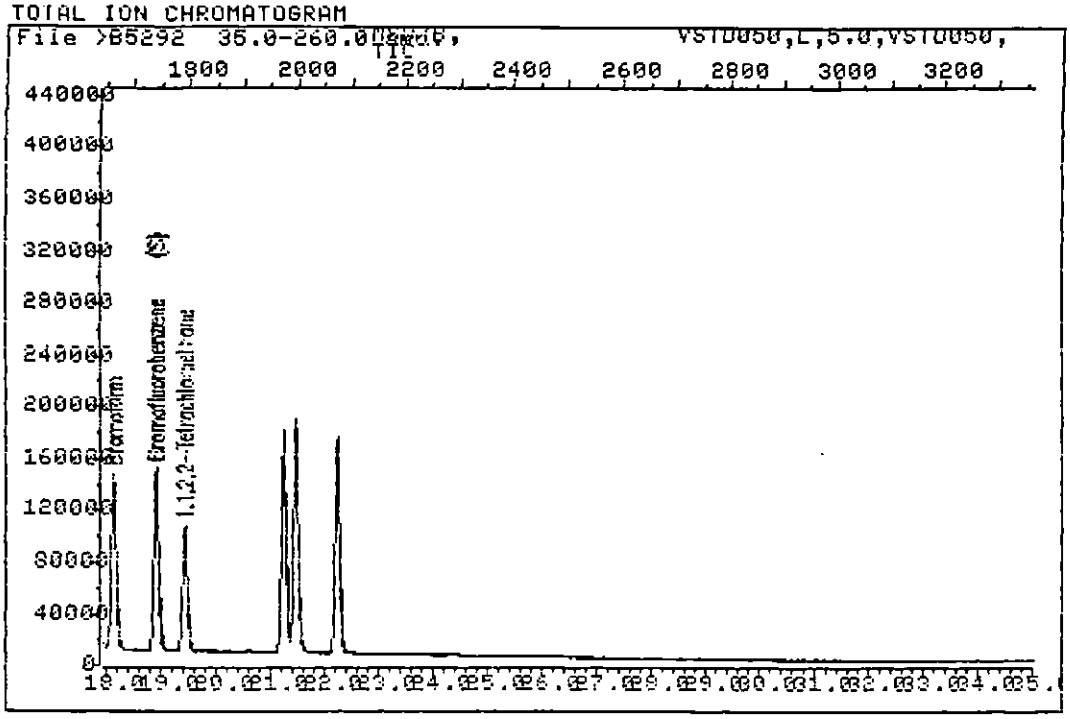
TOTAL ION CHROMATOGRAM



Data File: >B5292::B3 Quant Output File: ^B5292::QT
Name: MSD/B, Instrument ID: B
Misc: VSTD050,L,5.0,VSTD050,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940802 10:31

Operator ID: KATHY
Quant Time : 940808 10:43
Injected at: 940808 10:07

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Operator ID: KATHY
Output File: ^B5292::QT
Data File: >B5292::B3
Name: MSD/B,
Misc: VSTD050,L,5.0,VSTD050,

Quant Rev: 7 Quant Time: 940808 10:43
Injected at: 940808 10:07
Dilution Factor: 1.00000
Instrument ID: B

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940802 10:31

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	8.50	127.9	61732	50.00	ppb	9
2)	Chloromethane	1.97	50.0	50194	39.69	ppb	9
3)	Vinyl Chloride	2.12	62.0	58980	41.78	ppb	7
4)	Bromomethane	2.53	94.0	70949	45.09	ppb	9
5)	Chloroethane	2.70	64.0	35462	43.52	ppb	9
6)	1,1-Dichloroethene	3.96	96.0	79217	45.56	ppb	7
7)	Carbon Disulfide	4.14	76.0	164449	38.47	ppb	9
8)	Acetone	4.40	43.0	14423	50.93	ppb	7
9)	Methylene Chloride	5.16	84.0	103778	45.72	ppb	9
10)	1,2-Dichloroethene (total)	5.79	96.0	88677	43.34	ppb	8
10)	1,2-Dichloroethene (total)	8.05	96.0	95767	46.80	ppb	7
11)	1,1-Dichloroethane	6.75	63.0	146838	43.55	ppb	9
12)	2-Butanone	8.32	43.0	29650	52.09	ppb	9
13)	Chloroform	8.84	83.0	165905	44.51	ppb	9
14)	1,2-Dichloroethane	9.83	62.0	100709	43.63	ppb	9
15)	1,2-Dichloroethane-d4 (S)	9.68	65.0	68574	41.85	ppb	9
16)	*1,4-Difluorobenzene	10.69	114.0	249032	50.00	ppb	9
17)	1,1,1-Trichloroethane	8.95	97.0	143871	49.02	ppb	9
18)	Carbon Tetrachloride	9.28	117.0	144300	52.31	ppb	9
19)	Benzene	9.70	78.0	233026	47.39	ppb	9
20)	Trichloroethene	11.06	130.0	129136	55.53	ppb	9
21)	1,2-Dichloropropane	11.44	63.0	90077	47.47	ppb	9
22)	Bromodichloromethane	12.12	83.0	170562	41.23	ppb	9
23)	trans-1,3-Dichloropropene	14.21	75.0	119366	50.87	ppb	6
24)	cis-1,3-Dichloropropene	13.02	75.0	146542	49.35	ppb	9
25)	1,1,2-Trichloroethane	14.53	97.0	106247	53.78	ppb	9
26)	Dibromochloromethane	15.24	129.0	222449	57.75	ppb	9
27)	Bromoform	18.15	173.0	223971	64.46	ppb	9
28)	*Chlorobenzene-d5	16.35	117.0	211017	50.00	ppb	8
29)	4-Methyl-2-Pentanone	13.49	43.0	90335	54.20	ppb	9
30)	Toluene-d8 (S)	13.46	98.0	205846	47.13	ppb	8
31)	Toluene	13.58	92.0	170159	49.36	ppb	9
32)	Tetrachloroethene	14.64	164.0	149067	55.96	ppb	9
33)	2-Hexanone	15.20	43.0	58614	56.03	ppb	9
34)	Chlorobenzene	16.41	112.0	232939	52.74	ppb	9
35)	Ethylbenzene	16.75	106.0	104935	51.43	ppb	9
36)	Xylene (total)	17.02	106.0	254041	103.75	ppb	8
36)	Xylene (total)	17.81	106.0	126014	51.46	ppb	8
37)	Styrene	17.87	104.0	221181	51.38	ppb	8
38)	Bromofluorobenzene (S)	18.91	95.0	171624	47.52	ppb	9

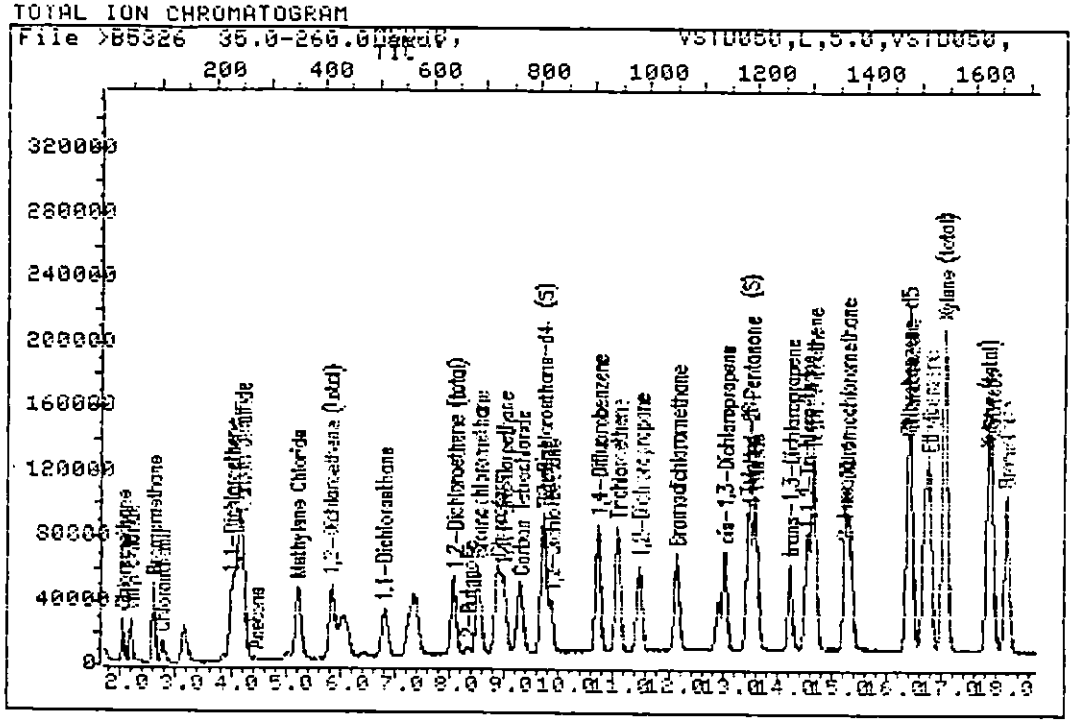
Operator ID: KATHY Quant Rev: 7 Quant Time: 940808 10:43
Output File: ^B5292::QT Injected at: 940808 10:07
Data File: >B5292::B3 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD050,L,5.0,VSTD050,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940802 10:31

	Compound	R.T.	Q ion	Area	Conc	Units	q
39)	1,1,2,2-Tetrachloroethane	19.43	83.0	182184	53.71	ppb	9

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >B5326::B3 Quant Output File: ^B5326::QT
Name: MSD/B, Instrument ID: B
Misc: VSTD050,L,5.0,VSTD050,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940808 10:07

Operator ID: KATHY
Quant Time : 940810 10:40
Injected at: 940810 10:04

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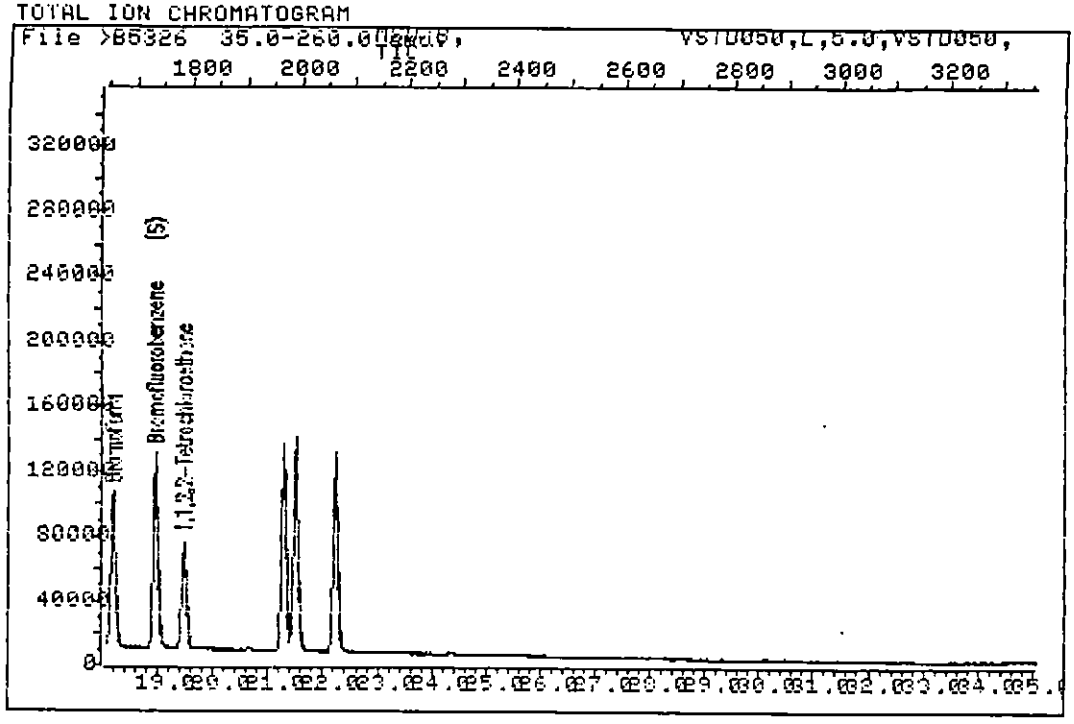
TOTAL ION CHROMATOGRAM



Data File: >B5326::B3 Quant Output File: ^B5326::QT
Name: MSD/B, Instrument ID: B
Misc: VSTD050,L,5.0,VSTD050,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940808 10:07

Operator ID: KATHY
Quant Time : 940810 10:40
Injected at: 940810 10:04

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Operator ID: KATHY Quant Rev: 7 Quant Time: 940810 10:40
Output File: ^B5326::QT Injected at: 940810 10:04
Data File: >B5326::B3 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD050,L,5.0,VSTD050,

ID File: ID890S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940808 10:07

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	8.52	127.9	49102	50.00	ppb	9
2)	Chloromethane	2.01	50.0	47456	59.43	ppb	9
3)	Vinyl Chloride	2.15	62.0	53691	57.22	ppb	8
4)	Bromomethane	2.57	94.0	63851	56.57	ppb	9
5)	Chloroethane	2.74	64.0	30679	54.38	ppb	9
6)	1,1-Dichloroethene	3.99	96.0	58313	46.27	ppb	8
7)	Carbon Disulfide	4.18	76.0	120069	45.90	ppb	9
8)	Acetone	4.44	43.0	10021M	43.68	ppb	8
9)	Methylene Chloride	5.20	84.0	76515	46.35	ppb	9
10)	1,2-Dichloroethene (total)	5.81	96.0	67103	44.05	ppb	8
10)	1,2-Dichloroethene (total)	8.08	96.0	72029	47.28	ppb	7
11)	1,1-Dichloroethane	6.79	63.0	115368	49.39	ppb	9
12)	2-Butanone	8.34	43.0	20558	43.59	ppb	9
13)	Chloroform	8.87	83.0	124268	47.08	ppb	9
14)	1,2-Dichloroethane	9.86	62.0	74677	46.61	ppb	9
15)	1,2-Dichloroethane-d4 (S)	9.70	65.0	54256	49.74	ppb	8
16)	*1,4-Difluorobenzene	10.71	114.0	204824	50.00	ppb	9
17)	1,1,1-Trichloroethane	8.97	97.0	102065	43.13	ppb	9
18)	Carbon Tetrachloride	9.29	117.0	101308	42.68	ppb	9
19)	Benzene	9.72	78.0	175434	45.77	ppb	9
20)	Trichloroethene	11.07	130.0	90584	42.64	ppb	9
21)	1,2-Dichloropropane	11.46	63.0	67593	45.62	ppb	9
22)	Bromodichloromethane	12.14	83.0	121617	43.35	ppb	9
23)	trans-1,3-Dichloropropene	14.23	75.0	80380	40.94	ppb	6
24)	cis-1,3-Dichloropropene	13.03	75.0	104263	43.25	ppb	9
25)	1,1,2-Trichloroethane	14.53	97.0	75869	43.41	ppb	9
26)	Dibromochloromethane	15.25	129.0	153522	41.96	ppb	9
27)	Bromoform	18.16	173.0	158322	42.97	ppb	9
28)	*Chlorobenzene-d5	16.37	117.0	175569	50.00	ppb	9
29)	4-Methyl-2-Pentanone	13.50	43.0	62283	41.43	ppb	9
30)	Toluene-d8 (S)	13.47	98.0	170292	49.72	ppb	8
31)	Toluene	13.60	92.0	126932	44.83	ppb	9
32)	Tetrachloroethene	14.65	164.0	113941	45.93	ppb	9
33)	2-Hexanone	15.21	43.0	39537	40.54	ppb	9
34)	Chlorobenzene	16.42	112.0	169675	43.77	ppb	9
35)	Ethylbenzene	16.76	106.0	77031	44.11	ppb	9
36)	Xylene (total)	17.03	106.0	190566	90.88	ppb	8
36)	Xylene (total)	17.82	106.0	93409	44.55	ppb	8
37)	Styrene	17.88	104.0	163729	44.49	ppb	8
38)	Bromofluorobenzene (S)	18.92	95.0	151656	53.10	ppb	9

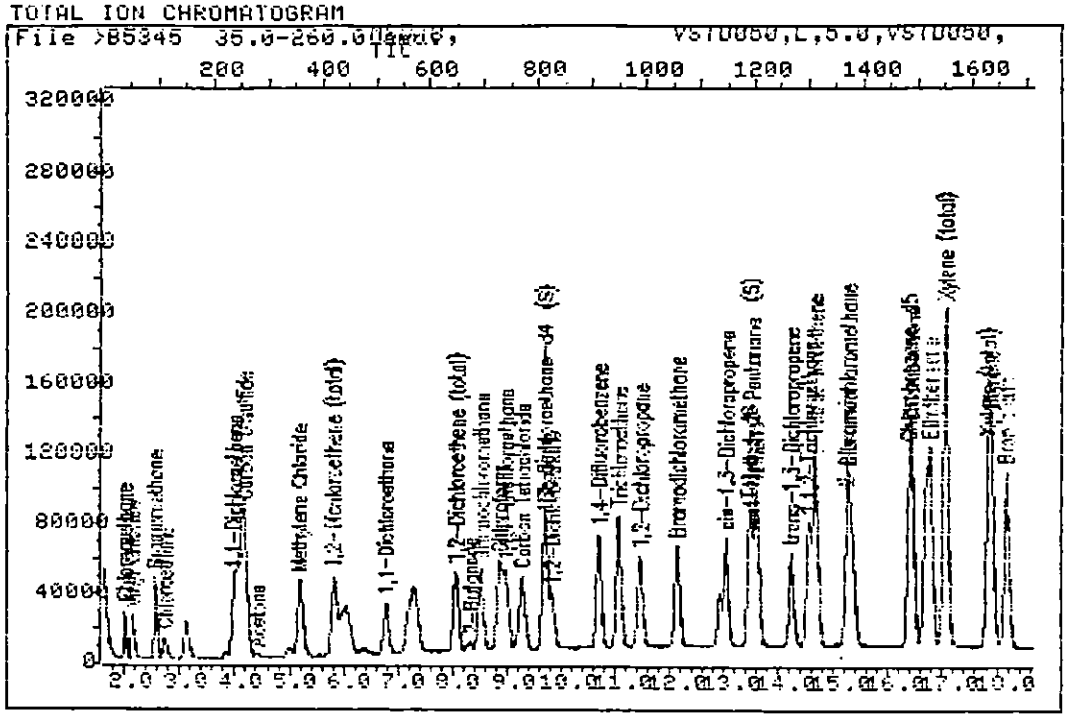
Operator ID: KATHY Quant Rev: 7 Quant Time: 940810 10:40
Output File: ^B5326::QT Injected at: 940810 10:04
Data File: >B5326::B3 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD050,L,5.0,VSTD050,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940808 10:07

	Compound	R.T.	Q ion	Area	Conc	Units	q
39)	1,1,2,2-Tetrachloroethane	19.44	83.0	125876	41.52	ppb	9

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >B5345::B3 Quant Output File: ^B5345::QT
Name: MSD/B, Instrument ID: B
Misc: VSTD050,L,5.0,VSTD050,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940810 10:04

Operator ID: KATHY
Quant Time : 940811 11:24
Injected at: 940811 10:48

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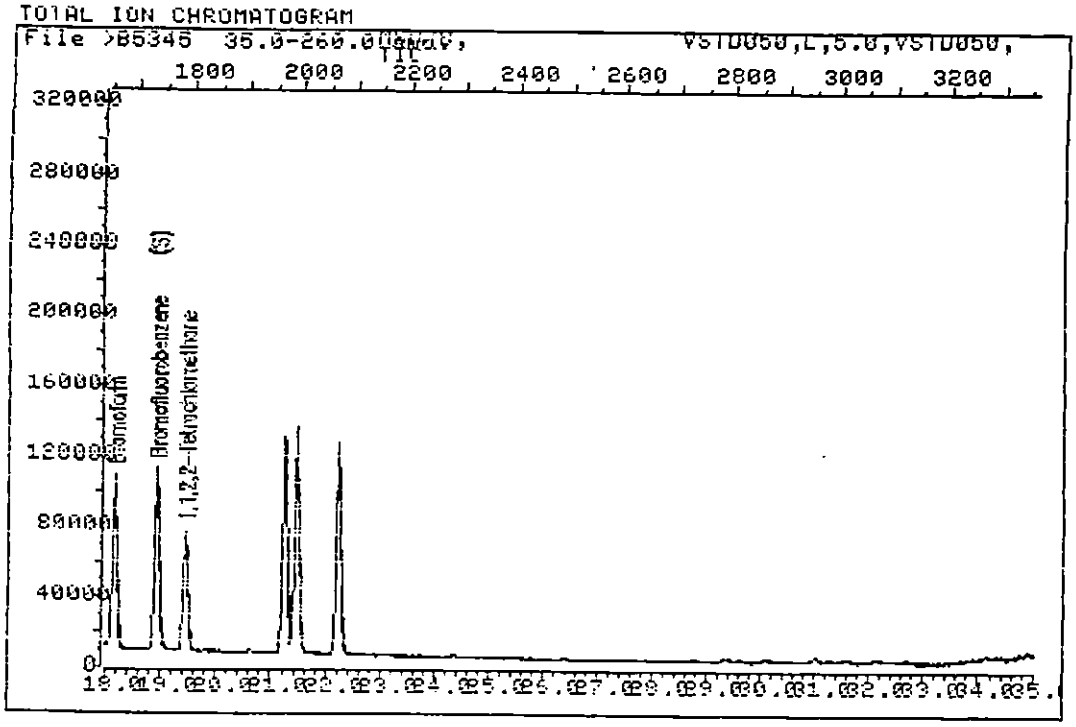

Data File: >B5345::B3 Quant Output File: ^B5345::QT
Name: MSD/B, Instrument ID: B
Misc: VSTD050,L,5.0,VSTD050,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940810 10:04

Operator ID: KATHY
Quant Time : 940811 11:24
Injected at: 940811 10:48

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Operator ID: KATHY
Output File: ^B5345::QT
Data File: >85345::83
Name: MSD/B,
Misc: VSTD050,L,5.0,VSTD050,

Quant Rev: 7 Quant Time: 940811 11:24
Injected at: 940811 10:48
Dilution Factor: 1.00000
Instrument ID: B

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940810 10:04

	Compound	R.T.	Q.ion	Area	Conc	Units	q
1)	*Bromochloromethane	8.51	127.9	41834	50.00	ppb	9
2)	Chloromethane	1.99	50.0	47100	58.25	ppb	99
3)	Vinyl Chloride	2.14	62.0	54365	59.42	ppb	8
4)	Bromomethane	2.54	94.0	62928	57.84	ppb	9
5)	Chloroethane	2.71	64.0	31087	59.47	ppb	99
6)	1,1-Dichloroethene	3.96	96.0	56252	56.61	ppb	8
7)	Carbon Disulfide	4.15	76.0	115625	56.51	ppb	9
8)	Acetone	4.41	43.0	10742M	62.91	ppb	85
9)	Methylene Chloride	5.17	84.0	74222	56.93	ppb	9
10)	1,2-Dichloroethene (total)	5.79	96.0	64434	52.50	ppb	88
10)	1,2-Dichloroethene (total)	8.05	96.0	69433	56.57	ppb	79
11)	1,1-Dichloroethane	6.76	63.0	112724	57.34	ppb	99
12)	2-Butanone	8.32	43.0	22939	65.48	ppb	89
13)	Chloroform	8.85	83.0	119345	56.36	ppb	96
14)	1,2-Dichloroethane	9.82	62.0	72870	57.27	ppb	98
15)	1,2-Dichloroethane-d4 (S)	9.68	65.0	46623	50.43	ppb	86
16)	*1,4-Difluorobenzene	10.69	114.0	172436	50.00	ppb	94
17)	1,1,1-Trichloroethane	8.96	97.0	99094	57.66	ppb	94
18)	Carbon Tetrachloride	9.27	117.0	96905	56.81	ppb	99
19)	Benzene	9.69	78.0	170136	57.60	ppb	99
20)	Trichloroethene	11.06	130.0	87356	57.27	ppb	96
21)	1,2-Dichloropropane	11.44	63.0	65580	57.62	ppb	96
22)	Bromodichloromethane	12.13	83.0	117754	57.50	ppb	99
23)	trans-1,3-Dichloropropene	14.21	75.0	83691	61.84	ppb	65
24)	cis-1,3-Dichloropropene	13.01	75.0	104189	59.35	ppb	96
25)	1,1,2-Trichloroethane	14.53	97.0	74968	58.69	ppb	98
26)	Dibromochloromethane	15.24	129.0	149419	57.80	ppb	98
27)	Bromoform	18.15	173.0	161997	60.77	ppb	98
28)	*Chlorobenzene-d5	16.36	117.0	148874	50.00	ppb	91
29)	4-Methyl-2-Pentanone	13.49	43.0	67384	63.79	ppb	88
30)	Toluene-d8 (S)	13.45	98.0	143199	49.58	ppb	91
31)	Toluene	13.58	92.0	121954	56.65	ppb	97
32)	Tetrachloroethene	14.64	164.0	108926	56.37	ppb	97
33)	2-Hexanone	15.21	43.0	44552	66.45	ppb	95
34)	Chlorobenzene	16.41	112.0	163336	56.76	ppb	98
35)	Ethylbenzene	16.74	106.0	74140	56.75	ppb	91
36)	Xylene (total)	17.02	106.0	183551	115.87	ppb	85
36)	Xylene (total)	17.81	106.0	89957	56.79	ppb	88
37)	Styrene	17.87	104.0	158249	56.99	ppb	90
38)	Bromofluorobenzene (S)	18.91	95.0	131158	51.00	ppb	90

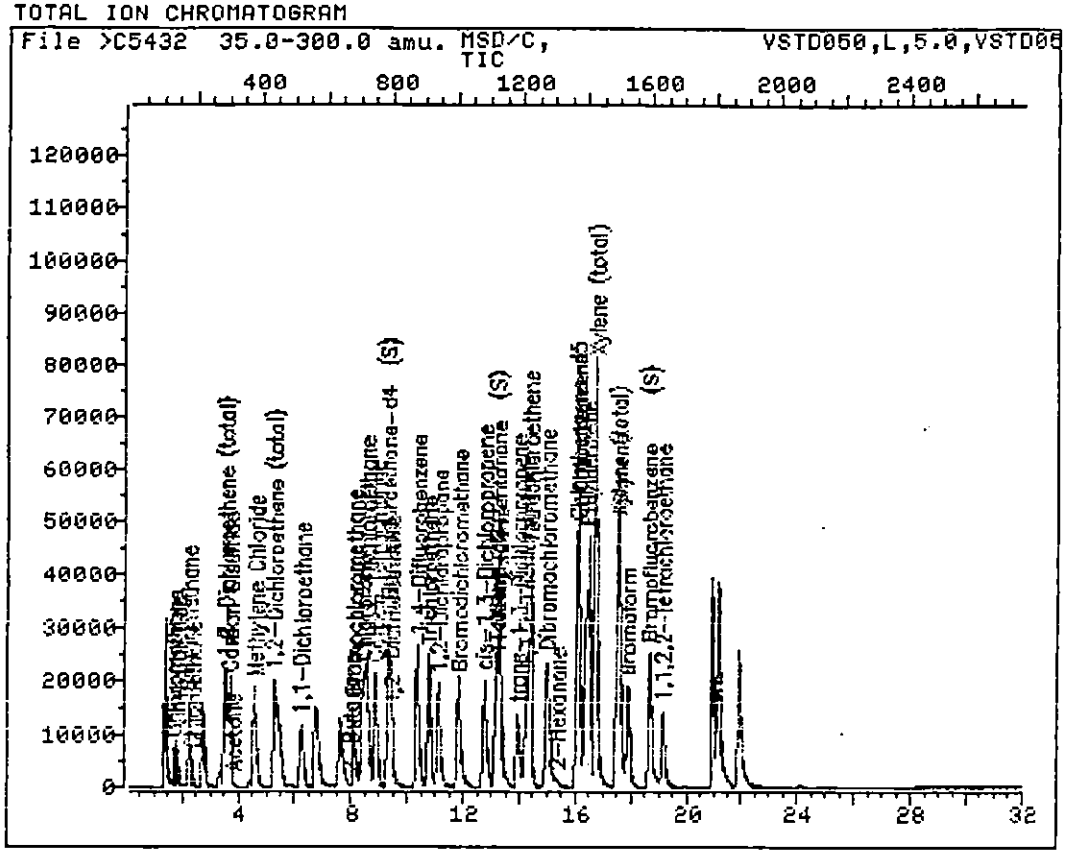
Operator ID: KATHY Quant Rev: 7 Quant Time: 940811 11:24
Output File: ^B5345::QT Injected at: 940811 10:48
Data File: >B5345::B3 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VSTD050,L,5.0,VSTD050,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940810 10:04

	Compound	R.T.	Q ion	Area	Conc	Units	q
39)	1,1,2,2-Tetrachloroethane	19.43	83.0	128844	60.36	ppb	9

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >C5432::C4 Quant Output File: ^C5432::QT
Name: MSD/C, Instrument ID: C
Misc: VSTD050,L,5.0,VSTD050,

Id File: IDC90L::SC
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940802 09:58 Last Qcal Time: 940808 10:37

Operator ID: ANN
Quant Time : 940809 11:10
Injected at: 940809 10:36

Operator ID: ANN Quant Rev: 7 Quant Time: 940809 11:10
Output File: ^C5432::QT Injected at: 940809 10:36
Data File: >C5432::C4 Dilution Factor: 1.00000
Name: MSD/C, Instrument ID: C
Misc: VSTD050,L,5.0,VSTD050,

ID File: IDC90L::SC
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940802 09:58 Last Qcal Time: 940808 10:37

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	8.07	127.9	19384	50.00	ppb	93
2)	Chloromethane	1.69	50.0	13621	44.55	ppb	94
3)	Vinyl Chloride	1.82	62.0	17780	44.47	ppb	79
4)	Bromomethane	2.20	94.0	20295	43.37	ppb	91
5)	Chloroethane	2.36	64.0	11417	44.92	ppb	83
6)	1,1-Dichloroethene	3.50	96.0	26515	45.67	ppb	93
7)	Carbon Disulfide	3.67	76.0	45352	44.86	ppb	99
8)	Acetone	3.81	43.0	4264M	49.13	ppb	87
9)	Methylene Chloride	4.57	84.0	33666	48.48	ppb	95
10)	1,2-Dichloroethene (total)	3.50	96.0	26515	41.76	ppb	94
10)	1,2-Dichloroethene (total)	5.23	96.0	28097	44.25	ppb	94
11)	1,1-Dichloroethane	6.22	63.0	54602	46.28	ppb	96
12)	2-Butanone	7.97	43.0	3973M	39.46	ppb	
13)	Chloroform	8.40	83.0	62849	45.35	ppb	98
14)	1,2-Dichloroethane	9.42	62.0	42204	44.49	ppb	95
15)	1,2-Dichloroethane-d4 (S)	9.27	65.0	26747	46.50	ppb	94
16)	*1,4-Difluorobenzene	10.34	114.0	82646	50.00	ppb	96
17)	1,1,1-Trichloroethane	8.52	97.0	59845	45.87	ppb	99
18)	Carbon Tetrachloride	8.86	117.0	54858M	45.30	ppb	90
19)	Benzene	9.28	78.0	71773	45.88	ppb	98
20)	Trichloroethene	10.74	130.0	35664	47.75	ppb	95
21)	1,2-Dichloropropane	11.11	63.0	27610	46.68	ppb	97
22)	Bromodichloromethane	11.83	83.0	57046	41.04	ppb	93
23)	trans-1,3-Dichloropropene	13.92	75.0	38104	47.35	ppb	67
24)	cis-1,3-Dichloropropene	12.71	75.0	44098	43.86	ppb	93
25)	1,1,2-Trichloroethane	14.21	97.0	27032	49.75	ppb	97
26)	Dibromochloromethane	14.93	129.0	55323	45.97	ppb	93
27)	Bromoform	17.86	173.0	44107	49.14	ppb	97
28)	*Chlorobenzene-d5	16.03	117.0	69658	50.00	ppb	94
29)	4-Methyl-2-Pentanone	13.22	43.0	16926M	57.10	ppb	78
30)	Toluene-d8 (S)	13.16	98.0	55425	48.86	ppb	96
31)	Toluene	13.28	92.0	50911	44.13	ppb	99
32)	Tetrachloroethene	14.34	164.0	37557	43.76	ppb	97
33)	2-Hexanone	15.34	43.0	5372M	41.78	ppb	
34)	Chlorobenzene	16.08	112.0	72353	46.14	ppb	99
35)	Ethylbenzene	16.43	106.0	33125	46.71	ppb	93
36)	Xylene (total)	16.71	106.0	77047	88.48	ppb	89
36)	Xylene (total)	17.49	106.0	40462	46.47	ppb	90
37)	Styrene	17.55	104.0	67917	46.81	ppb	96
38)	Bromofluorobenzene (S)	18.63	95.0	52169	46.79	ppb	93

Operator ID: ANN
Output File: ^C5432::QT
Data File: >C5432::C4
Name: MSD/C,
Misc: VSTD050,L,5.0,VSTD050,

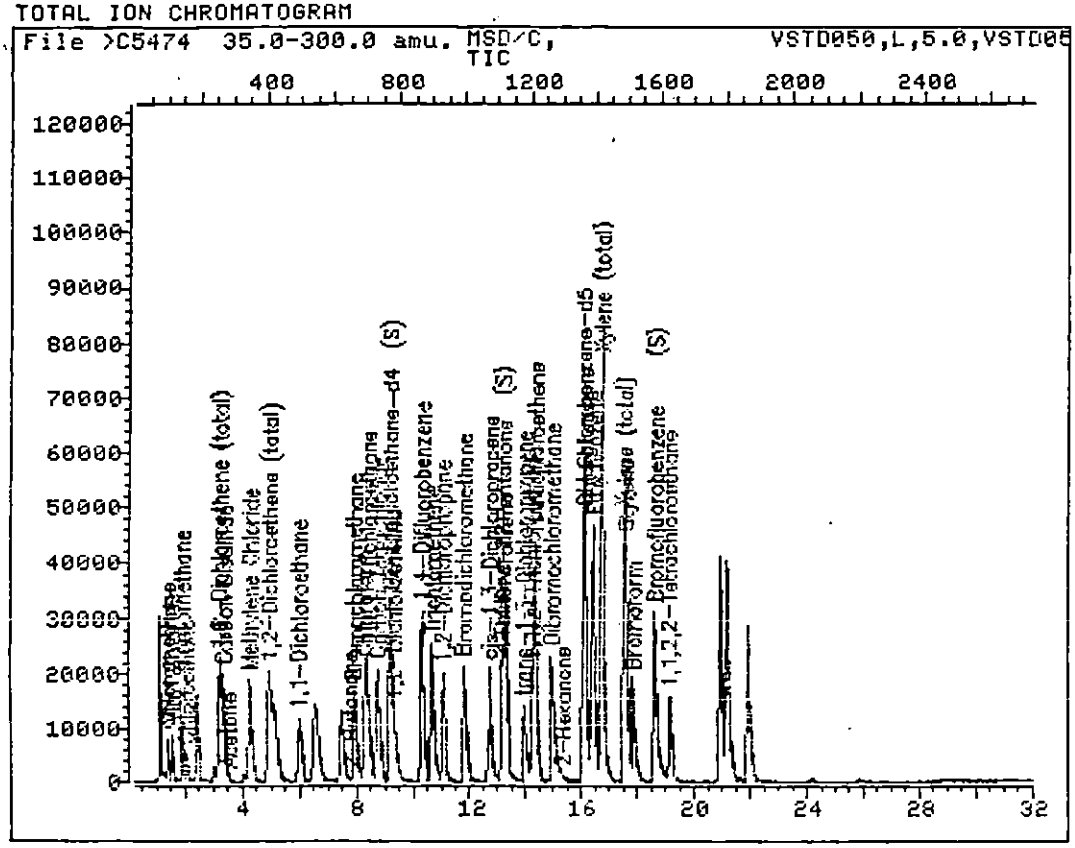
Quant Rev: 7 Quant Time: 940809 11:10
Injected at: 940809 10:36
Dilution Factor: 1.00000
Instrument ID: C

ID File: IDC90L::SC
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940802 09:58 Last Qcal Time: 940808 10:37

	Compound	R.T.	Q ion	Area	Conc	Units	q
39)	1,1,2,2-Tetrachloroethane	19.12	83.0	36271	46.95	ppb	9(

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >C5474::C4 Quant Output File: ^C5474::QT
Name: MSD/C, Instrument ID: C
Misc: VSTD050,L,5.0,VSTD050,

Id File: IDC90L::SC
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940802 09:58 Last Qcal Time: 940809 10:36

Operator ID: ANN
Quant Time : 940811 11:00
Injected at: 940811 10:26

Operator ID: ANN Quant Rev: 7 Quant Time: 940811 11:00
utput File: ^C5474::QT Injected at: 940811 10:26
ata File: >C5474::C4 Dilution Factor: 1.00000
Name: MSD/C, Instrument ID: C
Misc: VSTD050,L,5.0,VSTD050,

.D File: IDC90L::SC
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
ast Calibration: 940802 09:58 Last Qcal Date: 940809 10:36

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	7.91	127.9	21399	50.00	ppb	89
2)	Chloromethane	1.37	50.0	14391	47.85	ppb	97
3)	Vinyl Chloride	1.50	62.0	17434	44.41	ppb	80
4)	Bromomethane	1.88	94.0	21710	48.45	ppb	98
5)	Chloroethane	2.04	64.0	11472	45.51	ppb	81
6)	1,1-Dichloroethene	3.18	96.0	26525	45.31	ppb	95
7)	Carbon Disulfide	3.34	76.0	45819	45.76	ppb	99
8)	Acetone	3.52	43.0	4019M	42.69	ppb	
9)	Methylene Chloride	4.26	84.0	31661	42.59	ppb	98
10)	1,2-Dichloroethene (total)	3.18	96.0	26525	42.76	ppb	92
0)	1,2-Dichloroethene (total)	4.92	96.0	28847	46.50	ppb	92
1)	1,1-Dichloroethane	5.97	63.0	55596	46.12	ppb	98
12)	2-Butanone	7.79	43.0	4155M	47.37	ppb	
13)	Chloroform	8.27	83.0	62534	45.06	ppb	99
4)	1,2-Dichloroethane	9.32	62.0	44203	47.44	ppb	98
5)	1,2-Dichloroethane-d4 (S)	9.17	65.0	25581	43.32	ppb	98
16)	*1,4-Difluorobenzene	10.28	114.0	94647	50.00	ppb	99
7)	1,1,1-Trichloroethane	8.39	97.0	59842	43.66	ppb	98
8)	Carbon Tetrachloride	8.75	117.0	55278	43.99	ppb	94
19)	Benzene	9.20	78.0	74891	45.56	ppb	95
0)	Trichloroethene	10.66	130.0	35695	43.70	ppb	93
1)	1,2-Dichloropropane	11.04	63.0	29296	46.33	ppb	98
22)	Bromodichloromethane	11.76	83.0	58652	44.89	ppb	99
23)	trans-1,3-Dichloropropene	13.92	75.0	36564	41.90	ppb	71
4)	cis-1,3-Dichloropropene	12.70	75.0	44643	44.20	ppb	95
25)	1,1,2-Trichloroethane	14.20	97.0	27285M	44.07	ppb	94
26)	Dibromochloromethane	14.92	129.0	53371	42.12	ppb	93
7)	Bromoform	17.84	173.0	42386	41.96	ppb	93
8)	*Chlorobenzene-d5	16.03	117.0	76603	50.00	ppb	95
29)	4-Methyl-2-Pentanone	13.18	43.0	12908	34.67	ppb	87
0)	Toluene-d8 (S)	13.14	98.0	55186	45.27	ppb	99
1)	Toluene	13.26	92.0	50932	45.49	ppb	99
32)	Tetrachloroethene	14.33	164.0	38893	47.08	ppb	93
33)	2-Hexanone	15.32	43.0	5181M	43.85	ppb	
4)	Chlorobenzene	16.09	112.0	71285	44.80	ppb	99
5)	Ethylbenzene	16.43	106.0	33568	46.07	ppb	91
36)	Xylene (total)	16.69	106.0	79992	89.89	ppb	84
6)	Xylene (total)	17.49	106.0	40216	45.19	ppb	91
7)	Styrene	17.57	104.0	65438	43.81	ppb	97
38)	Bromofluorobenzene (S)	18.62	95.0	61849	53.90	ppb	88
9)	1,1,2,2-Tetrachloroethane	19.12	83.0	34921	43.77	ppb	94

* Compound is ISTD

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID (Standard): >B5204 Date Analyzed: 08/01/94

Instrument ID: MSD/B Time Analyzed: 10:37

GC Column: CAP ID: 0.53(mm) Heated Purge: (Y/N) Y

	IS1(BCM)		IS2(DFB)		IS3(CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	70703	8.49	293367	10.68	245031	16.34
UPPER LIMIT	141406	8.99	586734	11.18	490062	16.84
LOWER LIMIT	35351	7.99	146684	10.18	122516	15.84
NYSDEC SAMPLE NO.						
1 VBLK01	71415	8.55	287757	10.73	246724	16.39
2 B-4-4 MS	53646	8.50	227678	10.69	185718	16.35
3 B-4-4 MSD	46892	8.58	195006	10.75	156808	16.41
4 B-4-4	55751	8.97	220949	11.07	179597	16.65

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobezene
IS3 (CBZ) = Chlorobenzene-d5

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

Column used for flag internal standard area values with an asterisk.
* Values outside of QC limits.

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID (Standard): >B5292 Date Analyzed: 08/08/94

Instrument ID: MSD/B Time Analyzed: 10:07

GC Column: CAP ID: 0.53(mm) Heated Purge: (Y/N) Y

	IS1(BCM)		IS2(DFB)		IS3(CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	61732	8.50	249032	10.69	211017	16.35
UPPER LIMIT	123464	9.00	498064	11.19	422034	16.85
LOWER LIMIT	30866	8.00	124516	10.19	105509	15.85
NYSDEC SAMPLE NO.						
1 VBLK08	60538	8.51	239451	10.69	209328	16.35
2 VBLK-MS	53226	8.50	216207	10.69	186962	16.37

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobezene
IS3 (CBZ) = Chlorobenzene-d5

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

Column used for flag internal standard area values with an asterisk.
* Values outside of QC limits.

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID (Standard): >B5326 Date Analyzed: 08/10/94

Instrument ID: MSD/B Time Analyzed: 10:04

GC Column: CAP ID: 0.53(mm) Heated Purge: (Y/N) Y

	IS1(BCM)		IS2(DFB)		IS3(CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	49102	8.52	204824	10.71	175569	16.37
UPPER LIMIT	98204	9.02	409648	11.21	351138	16.87
LOWER LIMIT	24551	8.02	102412	10.21	87785	15.87
NYSDEC SAMPLE NO.						
1 VBLK10	49706	8.55	204323	10.71	181918	16.36
2 SD-5	32029	8.52	119258	10.72	89705	16.40
3 SD-6	37259	8.52	151054	10.71	128549	16.38

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobezene
IS3 (CBZ) = Chlorobenzene-d5

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

Column used for flag internal standard area values with an asterisk.
* Values outside of QC limits.

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID (Standard): >B5345 Date Analyzed: 08/11/94

Instrument ID: MSD/B Time Analyzed: 10:48

GC Column: CAP ID: 0.53(mm) Heated Purge: (Y/N) Y

	IS1(BCM)		IS2(DFB)		IS3(CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	41834	8.51	172436	10.69	148874	16.36
UPPER LIMIT	83668	9.01	344872	11.19	297748	16.86
LOWER LIMIT	20917	8.01	86218	10.19	74437	15.86
NYSDEC SAMPLE NO.						
1 VBLK11	48054	8.51	193455	10.69	172777	16.36
2 SD-1	40985	8.52	162085	10.69	141514	16.35
3 SD-2	29225	8.56	110182	10.74	83924	16.41
4 SD-3	34115	8.60	125949	10.78	87310	16.44
5 SD-4	35142	8.54	132758	10.72	100278	16.37

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobezene
IS3 (CBZ) = Chlorobenzene-d5

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

Column used for flag internal standard area values with an asterisk.
* Values outside of QC limits.

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID (Standard): >C5432 Date Analyzed: 08/09/94

Instrument ID: MSD/C Time Analyzed: 10:36

GC Column: CAP ID: 0.53(mm) Heated Purge: (Y/N) N

		IS1(BCM)		IS2(DFB)		IS3(CBZ)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	19384	8.07	82646	10.34	69658	16.03
	UPPER LIMIT	38768	8.57	165292	10.84	139316	16.53
	LOWER LIMIT	9692	7.57	41323	9.84	34829	15.53
	NYSDEC SAMPLE NO.						
1	VBLK09	16564	8.09	76848	10.34	55172	16.04
2	FLD BLK	17350	8.05	82175	10.34	63376	16.03

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobezene
IS3 (CBZ) = Chlorobenzene-d5

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

Column used for flag internal standard area values with an asterisk.
* Values outside of QC limits.

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID (Standard): >C5474 Date Analyzed: 08/11/94

Instrument ID: MSD/C Time Analyzed: 10:26

GC Column: CAP ID: 0.53(mm) Heated Purge: (Y/N) N

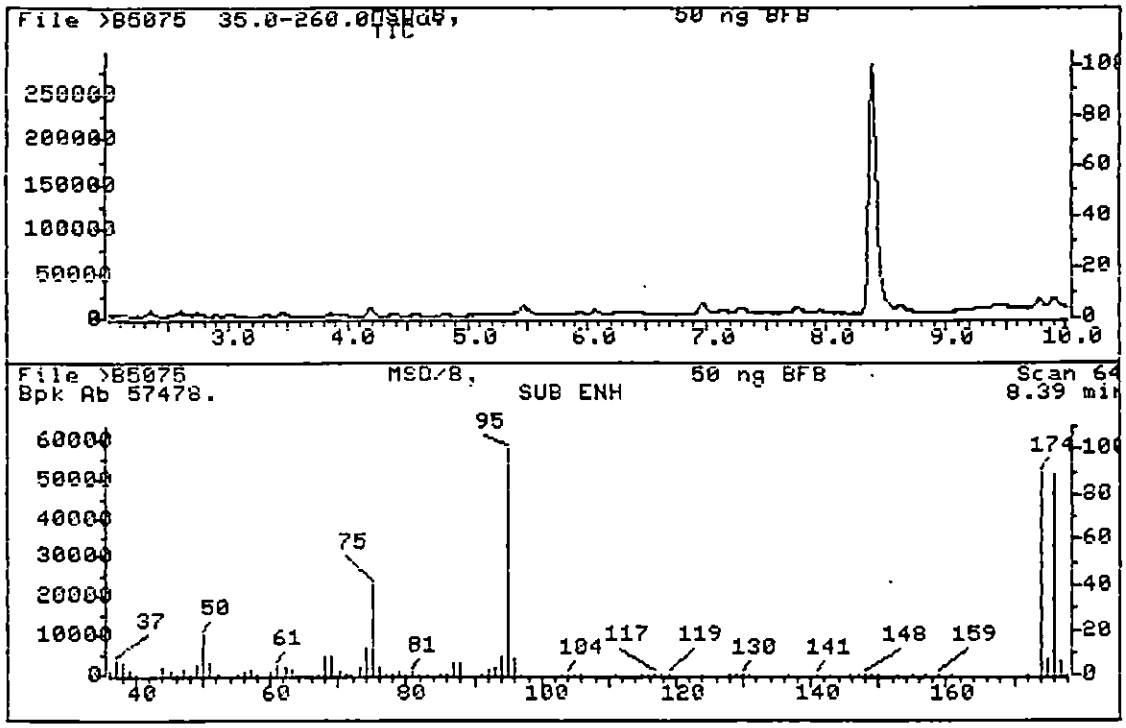
	IS1(BCM)		IS2(DFB)		IS3(CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	21399	7.91	94647	10.28	76603	16.03
UPPER LIMIT	42798	8.41	189294	10.78	153206	16.53
LOWER LIMIT	10699	7.41	47324	9.78	38301	15.53
NYSDEC SAMPLE NO.						
1 VBLK11	16909	8.08	82079	10.35	64591	16.07
2 FLD BLK RE	16427	8.00	80813	10.32	65350	16.04

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobezene
IS3 (CBZ) = Chlorobenzene-d5

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

Column used for flag internal standard area values with an asterisk.
* Values outside of QC limits.

Intrument ID : MSD/B, Analysis Date : 7/22/94 17:04

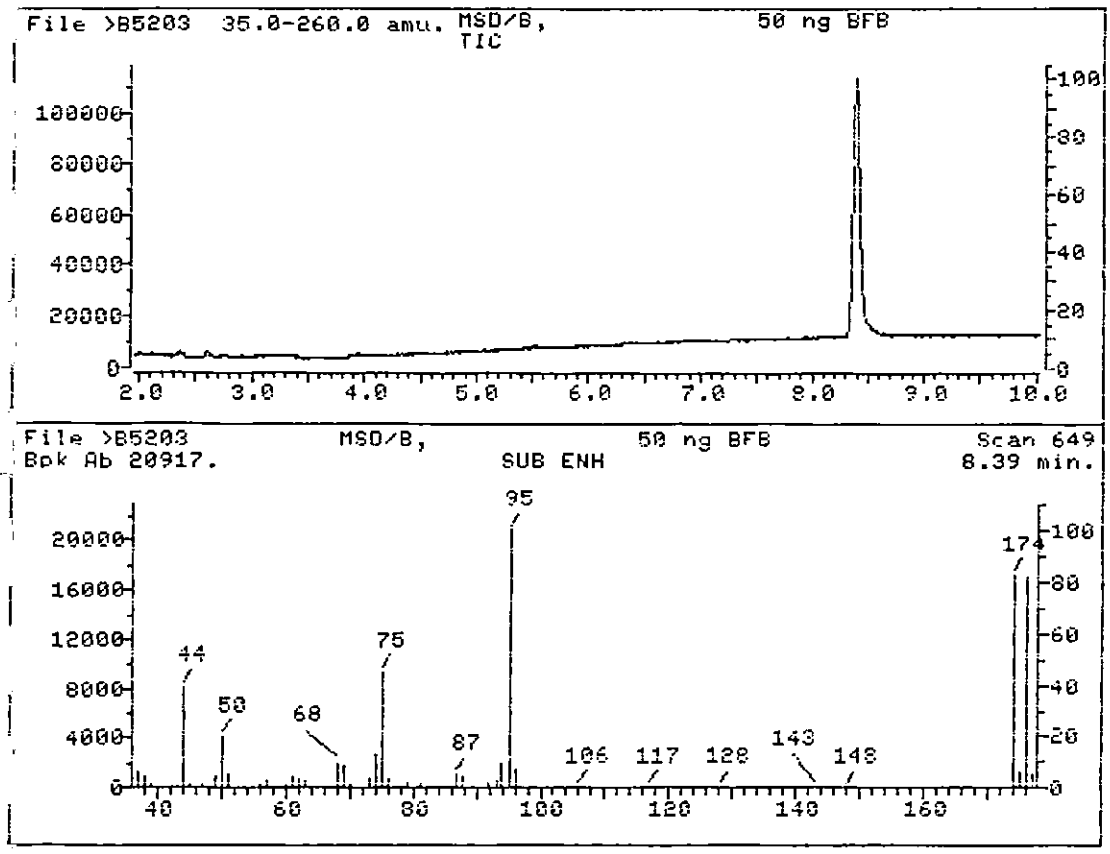


>B5075 MSD/B, 50 ng BFB
643 SUB NRM ENH

File: >B5075 Scan #: 643 Retn. time: 8.39

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
36.05	.843	59.95	.739	78.95	1.480	103.95	.285	142.85	.420
37.05	5.573	60.95	3.602	79.95	.307	104.95	.133	145.85	.397
38.05	4.537	62.05	3.251	80.85	1.503	105.95	.285	146.85	.080
39.05	1.803	63.05	1.937	81.85	.254	110.95	.142	147.95	.370
39.95	.044	63.95	.209	82.95	.168	114.75	.037	148.95	.052
43.95	3.191	64.95	.013	84.95	.114	114.95	.021	149.95	.093
45.05	.758	67.05	.293	85.95	.062	115.95	.202	152.85	.028
45.95	.073	68.05	8.328	86.95	5.023	116.85	.379	154.95	.195
46.95	1.656	69.05	7.845	87.95	4.882	117.85	.235	156.95	.131
47.95	.549	70.05	.609	90.95	.260	118.95	.299	158.85	.078
49.05	3.942	71.25	.019	92.05	1.838	123.95	.019	160.85	.060
50.05	17.678	71.95	.447	92.95	2.808	127.95	.245	171.95	.052
51.05	5.397	72.95	3.255	94.05	8.218	128.95	.124	173.95	89.742
52.05	.166	74.05	11.327	95.05	100.000	129.95	.286	174.95	6.469
55.05	.233	75.05	40.484	96.05	6.781	130.85	.077	175.95	88.420
56.05	1.195	76.05	3.291	96.95	.195	136.85	.105	176.95	5.845

Intrument ID : MSD/B, Analysis Date : 8/01/94 10:03

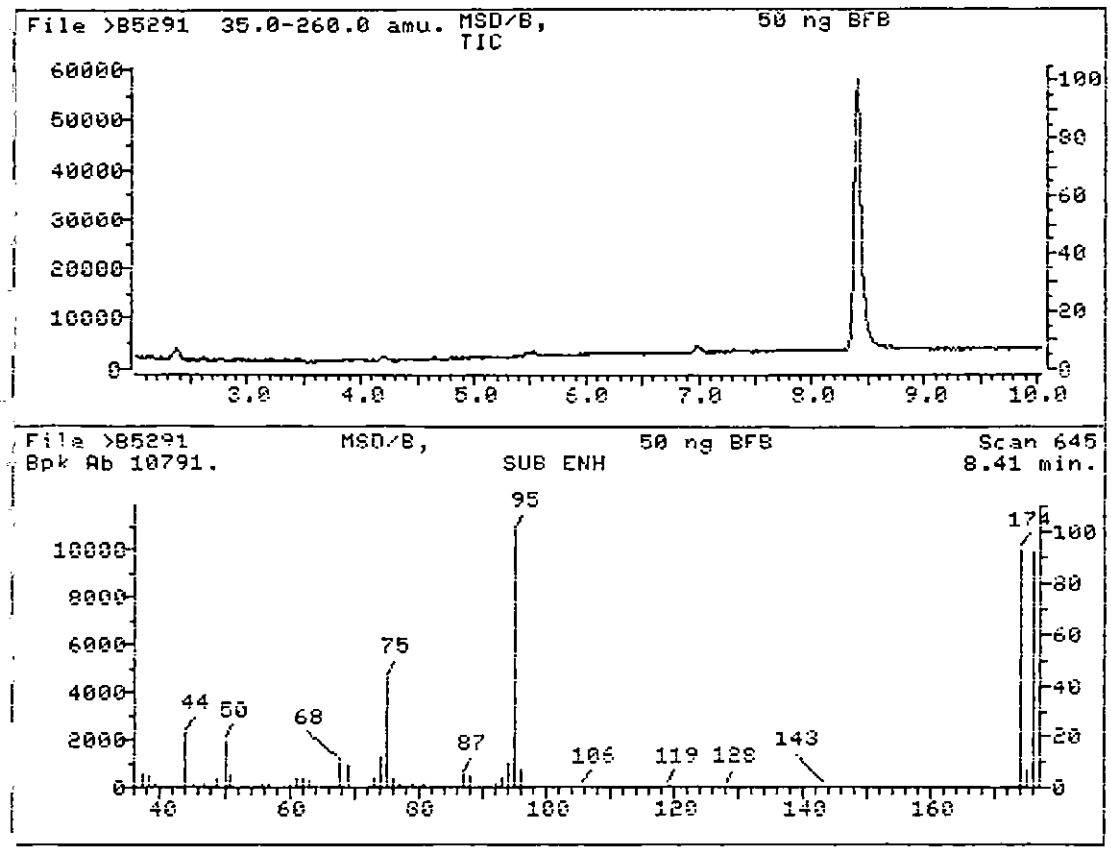


>B5203 MSD/B, 50 ng BFB
649 SUB NRM ENH

File: >B5203 Scan #: 649 Retn. time: 8.39

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
36.05	.983	55.05	.328	72.95	3.745	90.95	.239	118.95	.312
37.05	5.856	55.95	1.227	74.05	13.126	91.95	2.096	127.95	.215
38.05	4.701	56.95	2.779	75.05	44.877	93.05	3.107	140.95	.448
39.05	1.653	59.95	.894	76.05	3.746	93.95	9.348	142.95	.496
43.95	39.565	60.95	4.086	76.95	.523	95.05	100.000	147.95	.210
45.05	1.774	61.95	3.911	77.95	.132	96.05	6.704	154.95	.204
45.85	.193	63.05	2.704	78.95	1.547	97.05	.156	172.95	.524
47.05	1.646	67.05	.328	79.95	.531	103.75	.260	173.95	82.544
47.95	.633	67.95	9.504	80.95	1.860	104.95	.116	174.95	5.896
49.05	4.150	69.05	8.999	81.95	.365	105.95	.268	175.95	81.287
50.05	19.773	70.05	.741	86.95	5.276	115.85	.207	176.95	5.262
51.05	5.557	71.95	.492	87.95	4.800	116.95	.376	177.85	.131
52.05	.113								

Intrument ID : MSD/B, Analysis Date : 8/08/94 9:33

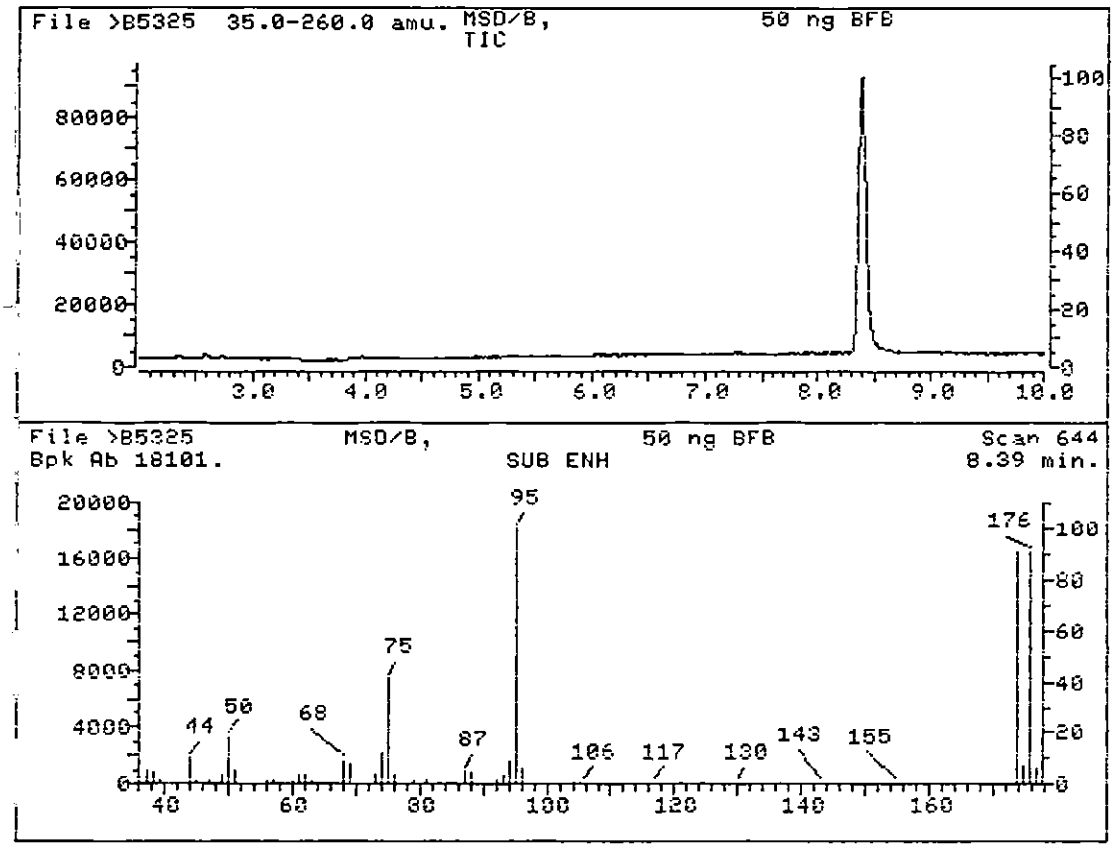


>B5291 MSD/B, 50 ng BFB
645 SUB NRM ENH

File: >B5291 Scan #: 645 Retn. time: 8.41

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
35.95	1.087	50.05	18.118	70.05	.439	80.85	1.677	105.85	.374
37.05	5.585	50.95	5.347	71.95	.287	81.95	.473	116.95	.127
38.05	4.365	55.95	1.313	72.95	3.580	86.95	5.051	118.85	.281
39.05	1.613	56.95	2.193	74.05	12.369	87.95	4.618	127.85	.207
39.95	.235	60.05	.936	75.05	42.849	91.95	2.020	142.95	.584
43.95	21.111	61.05	3.871	75.95	3.787	92.95	3.265	173.95	92.892
45.05	1.078	62.05	3.506	76.95	.710	94.05	9.301	174.95	6.836
46.95	1.640	63.05	2.376	78.05	.581	95.05	100.000	175.95	91.434
47.95	.593	67.95	9.091	78.95	1.881	96.05	6.932	176.95	6.123
48.95	3.796	69.05	8.455	79.95	.621	103.85	.185		

Intrument ID : MSD/B, Analysis Date : 8/10/94 9:32

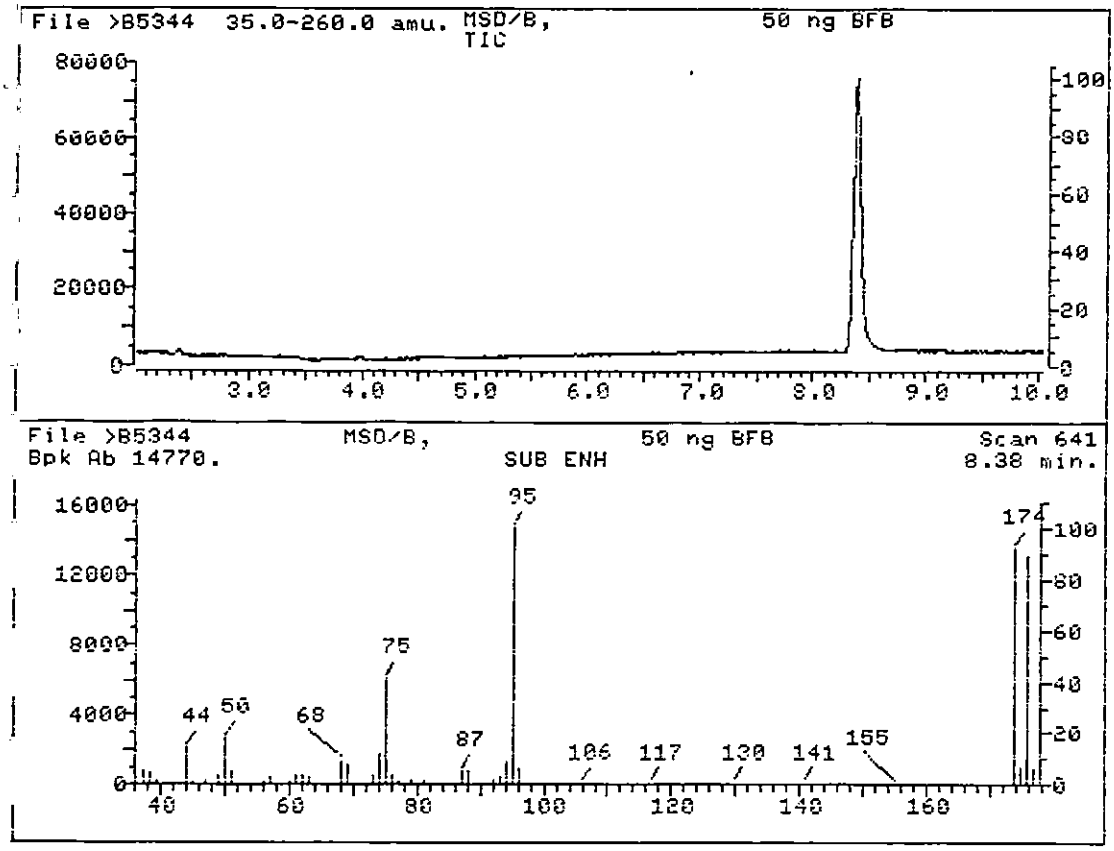


>B5325 MSD/B, 50 ng BFB
644 SUB NRM ENH

File: >B5325 Scan #: 644 Retn. time: 8.39

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
35.95	1.099	54.95	.306	72.05	.510	87.95	4.615	127.80	.203
37.05	5.644	55.95	1.265	73.05	3.322	90.85	.317	128.80	.048
38.05	4.298	56.95	2.062	73.95	11.618	91.95	1.992	129.80	.210
39.05	1.650	59.95	.775	75.05	41.063	93.05	3.094	134.90	.085
42.95	.138	61.05	3.747	76.05	3.589	94.05	8.913	140.80	.407
43.95	10.067	61.95	3.512	77.05	.595	95.05	100.000	142.90	.425
45.05	1.156	63.05	2.282	77.85	.455	96.05	6.392	154.90	.173
46.05	.066	64.05	.254	78.95	1.595	96.95	.158	173.90	90.741
46.95	1.514	67.05	.274	79.95	.514	105.90	.282	174.90	6.569
47.95	.600	68.05	8.675	80.95	1.705	115.80	.188	175.90	90.765
49.05	3.731	68.95	7.920	81.95	.359	116.90	.464	176.90	5.806
50.05	18.083	69.95	.633	85.75	.050	117.80	.116	177.90	.199
51.05	4.970	71.05	.041	86.95	5.187	118.80	.337		

Intrument ID : MSD/B, Analysis Date : 8/11/94 10:10

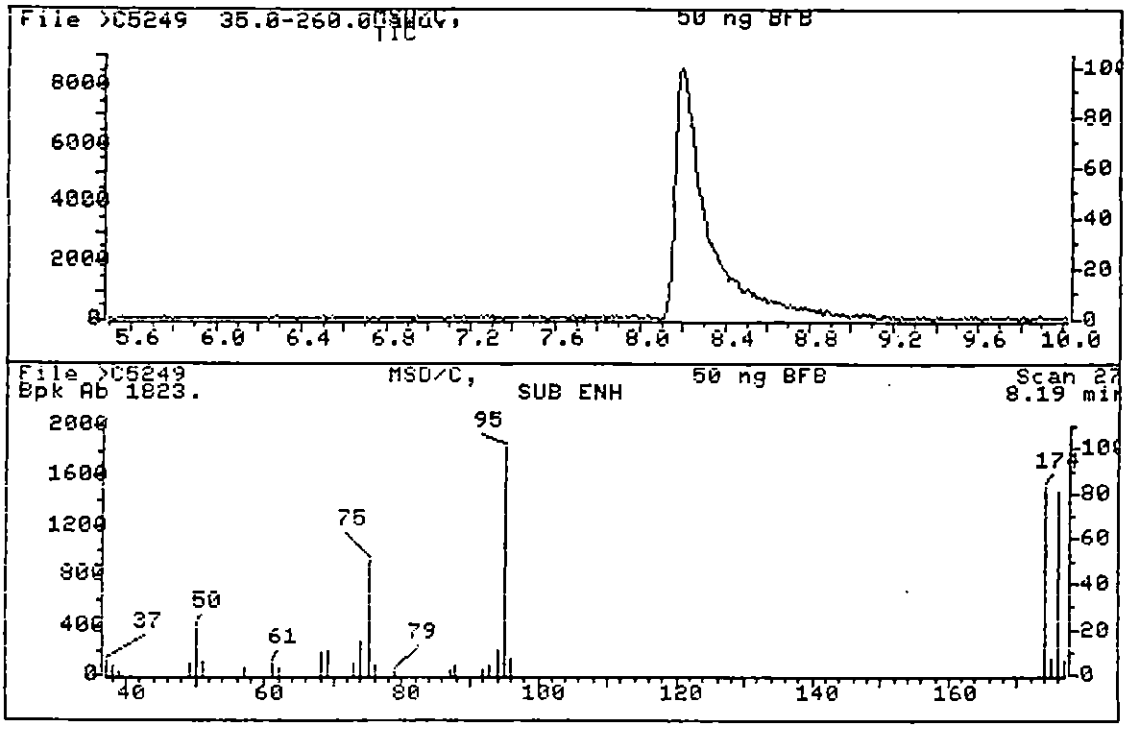


>B5344 MSD/B, 50 ng BFB
641 SUB NRM ENH

File: >B5344 Scan #: 641 Retn. time: 8.38

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
35.95	1.065	56.05	1.210	74.05	11.595	87.95	4.870	127.80	.097
37.05	5.624	57.05	2.390	75.05	41.012	90.95	.314	129.80	.291
38.05	4.322	59.95	.729	76.05	3.446	92.05	1.948	140.90	.487
39.05	1.544	61.05	3.773	76.95	.740	93.05	3.112	142.90	.478
43.95	14.387	62.05	3.378	77.95	.528	94.05	8.628	145.80	.052
45.05	1.300	63.05	2.381	78.95	1.523	95.05	100.000	154.90	.097
47.05	1.627	68.05	8.621	79.95	.526	96.05	6.506	173.90	92.350
47.95	.594	69.05	7.811	80.95	1.564	96.95	.237	174.90	6.667
49.05	3.938	69.95	.612	81.95	.208	103.85	.144	175.90	89.553
50.05	17.799	72.05	.445	86.05	.061	105.95	.172	176.90	5.985
51.05	5.191	73.05	3.272	86.95	5.033	116.85	.350	177.90	.068

Intrument ID : MSD/C, Analysis Date : 7/28/94 9:43

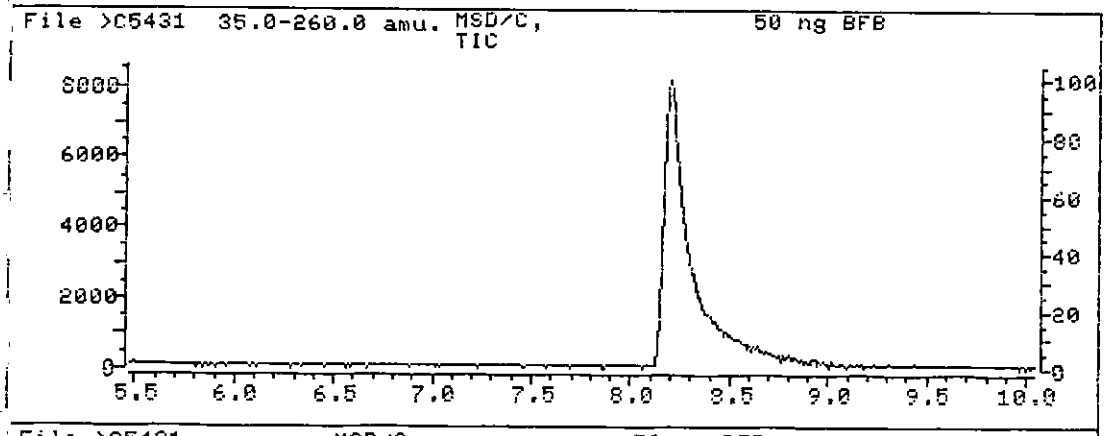


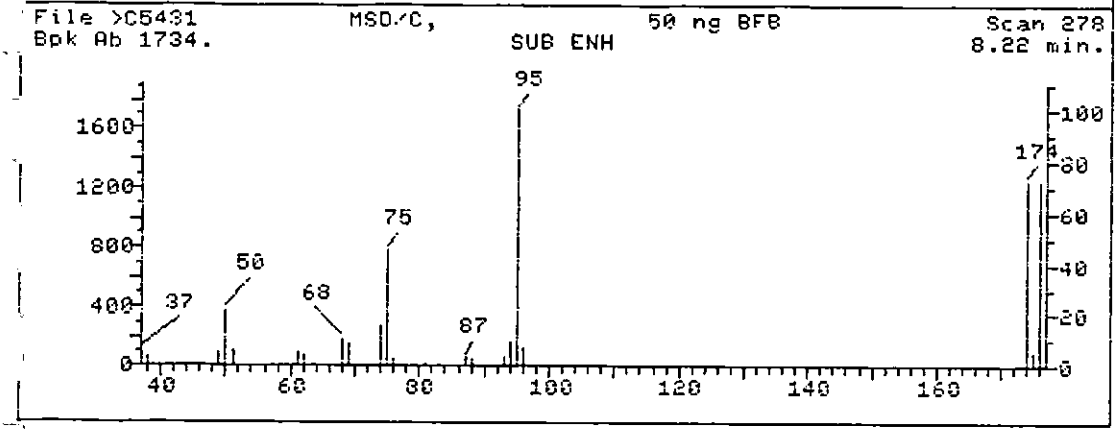
>C5249 MSD/C, 50 ng BFB
274 SUB NRM ENH

File: >C5249 Scan #: 274 Retn. time: 8.19

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
37.00	6.234	57.05	2.614	74.00	14.954	87.95	4.424	96.00	7.057
38.00	4.406	61.05	5.137	75.00	50.219	91.95	1.846	173.95	83.090
39.00	.658	62.05	3.400	76.00	4.059	93.00	3.949	174.95	6.782
49.10	4.771	68.10	10.091	78.95	.841	94.10	10.457	175.95	80.567
50.00	20.768	69.00	10.384	87.05	2.505	95.10	100.000	176.95	6.197
51.05	6.216	73.00	4.570						

Intrument ID : MSD/C, Analysis Date : 8/09/94 10:22



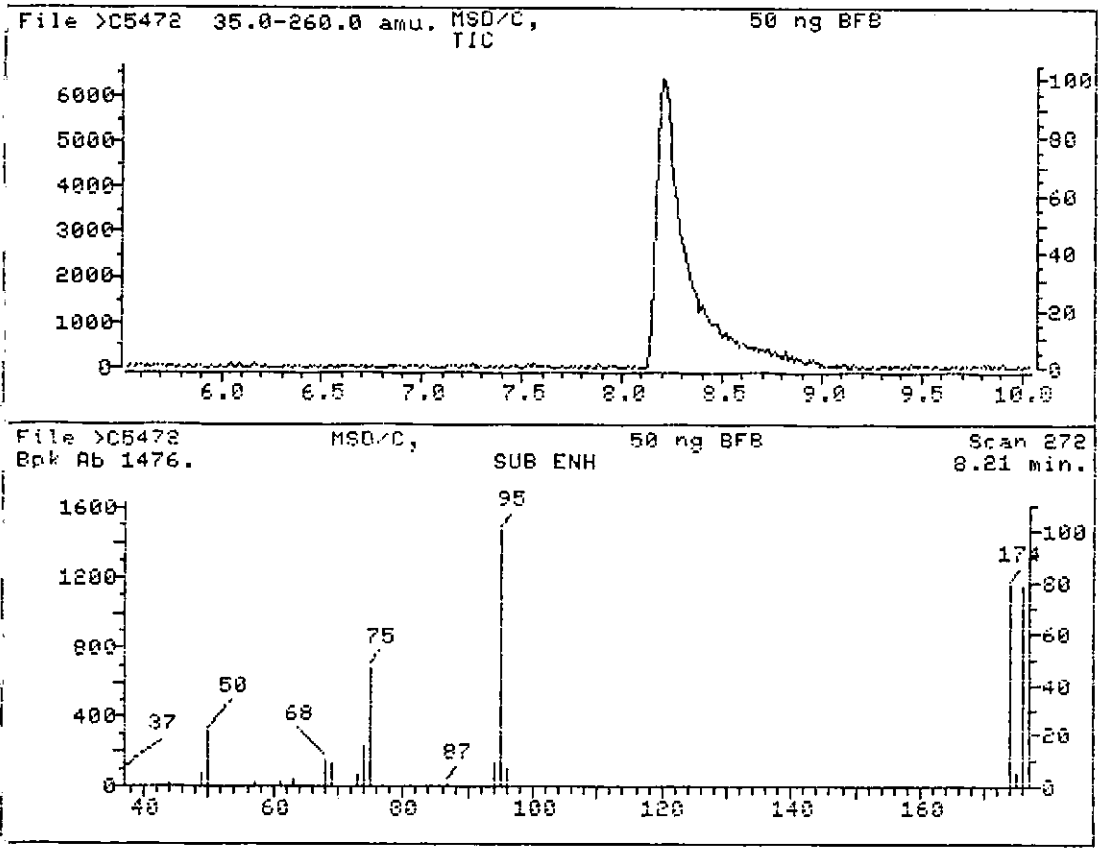


>C5431 MSD/C, 50 ng BFB
278 SUB NRM ENH

File: >C5431 Scan #: 278 Retn. time: 8.22

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
37.10	5.960	61.05	4.961	75.00	45.491	93.00	3.557	173.95	72.544
38.00	3.249	62.05	4.480	76.00	2.692	94.10	9.056	174.95	5.307
48.90	5.057	68.00	9.998	80.95	.731	95.10	100.000	175.95	72.313
50.00	21.457	69.00	8.537	87.05	3.461	96.10	6.556	176.95	5.191
51.05	6.018	74.00	14.901	88.05	2.442				

Intrument ID : MSD/C, Analysis Date : 8/11/94 9:30



>C5472 MSD/C, 50 ng BFB
272 SUB NRM ENH

File: >C5472 Scan #: 272 Retn. time: 8.21

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
37.10	5.602	57.05	1.897	69.00	8.968	86.95	1.152	173.95	78.947
44.00	2.078	60.95	1.536	73.00	4.292	94.10	9.397	174.95	5.534
49.00	5.263	62.95	2.462	74.00	15.180	95.10	100.000	175.95	78.405
50.00	21.053	68.00	10.210	75.00	46.487	96.10	6.935	176.95	5.286

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBLK01

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: VBLK-QB0801

Sample wt/vol: 5.0 [g/mL] G Lab File ID: >B5205

Level: [low/med] LOW Date Received:

% Moisture: decanted (Y/N) N Date Analyzed : 08/01/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

SADF: 1.00 FORM I-CLP-VOA-1 Total Hit(s): 1

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

VBLK01

Lab Name: LRI Contract:

Lab Code: LRI Case No. SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK-QB0801

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >B5205

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 08/01/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (u

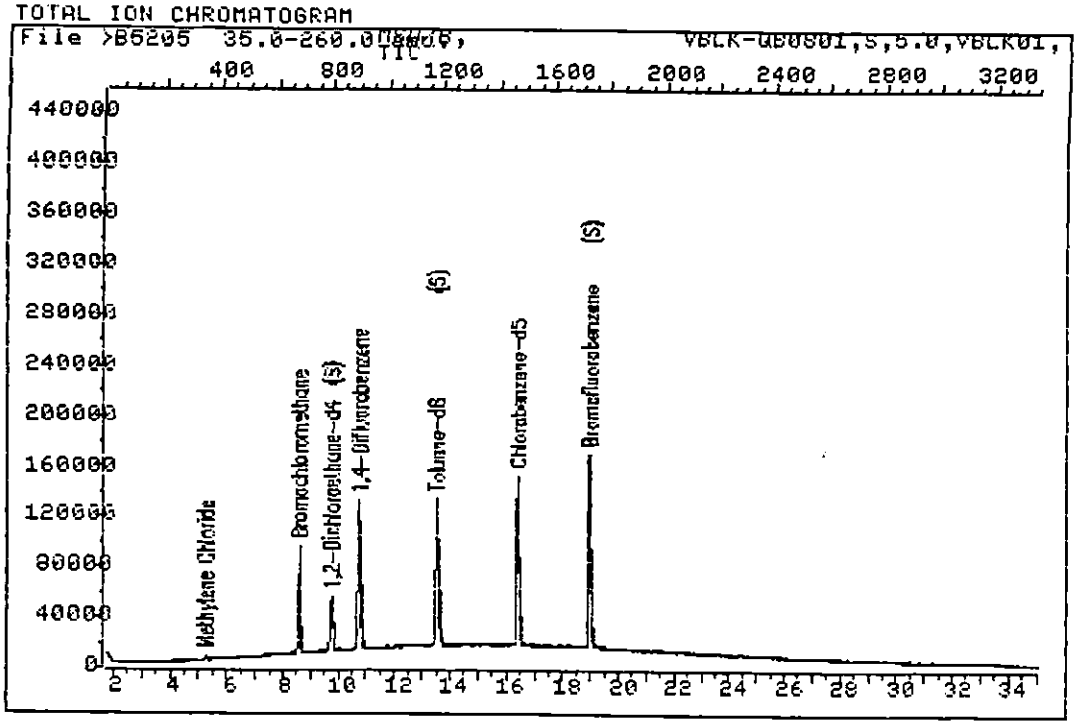
Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I-CLP-VOA-TIC

TOTAL ION CHROMATOGRAM



Data File: >B5205::C1 Quant Output File: ^B5205::QT
Name: MSD/B, Instrument ID: B
Misc: VBLK-QB0801,S,5.0,VBLK01,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940801 10:37

Operator ID: KATHY
Quant Time : 940801 12:12
Injected at: 940801 11:30

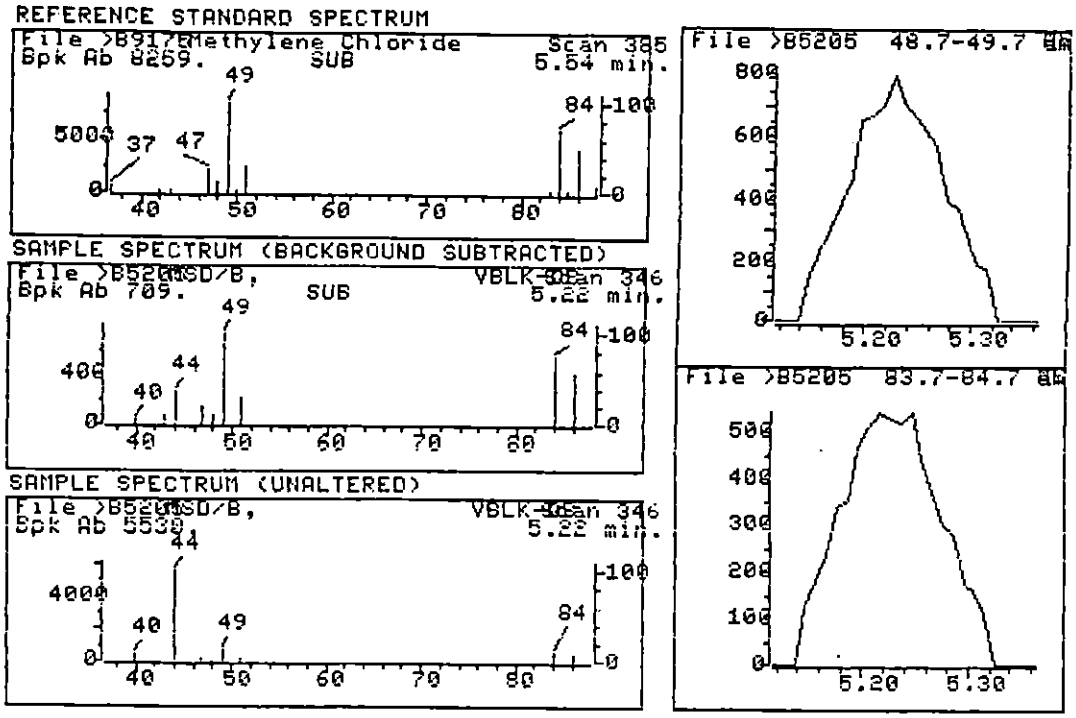
Operator ID: KATHY
Output File: ^B5205::QT
Data File: >B5205::C1
Name: MSD/B,
Misc: VBLK-QB0801,S,5.0,VBLK01,

Quant Rev: 7 Quant Time: 940801 12:12
Injected at: 940801 11:30
Dilution Factor: 1.00000
Instrument ID: B

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940801 10:37

	Compound		R.T.	Q ion	Area	Conc	Units	c
1)	*Bromochloromethane		8.55	127.9	71415	50.00	ppb	9
9)	Methylene Chloride		5.22	84.0	3682M	1.52	ppb	9
15)	1,2-Dichloroethane-d4	(S)	9.71	65.0	89355	47.47	ppb	9
16)	*1,4-Difluorobenzene		10.73	114.0	287757	50.00	ppb	9
28)	*Chlorobenzene-d5		16.39	117.0	246724	50.00	ppb	9
30)	Toluene-d8	(S)	13.50	98.0	251493	49.26	ppb	9
38)	Bromofluorobenzene	(S)	18.95	95.0	197788	47.61	ppb	9

* Compound is ISTD



Data File: >B5205::C1
Name: MSD/B,
Misc: VBLK-QB0801,S,5.0,VBLK01,
Quant Time: 940801 12:12
Injected at: 940801 11:30
Last Qcal Time: 940801 10:37

Quant Output File: ^B5205::QT
Instrument ID: B
Quant ID File: IDB90S::C2
Last Calibration: 940724 15:20

Compound No : 9
Compound Name : Methylene Chloride
Scan Number : 346
Retention Time: 5.22 min.
Quant Ion : 84.0
Area : 3682M
Concentration : 1.52 ppb
q-value : 94

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBLK08

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: VBLK-QB0808

Sample wt/vol: 5.0 [g/mL] G Lab File ID: >B5293

Level: [low/med] LOW Date Received:

% Moisture: decanted (Y/N) N Date Analyzed : 08/08/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

SADF: 1.00 FORM I-CLP-VOA-1 Total Hits: 0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

VBLK08

Lab Name: LRI Contract:

Lab Code: LRI Case No. SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK-QB0808

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >B5293

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 08/08/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (u

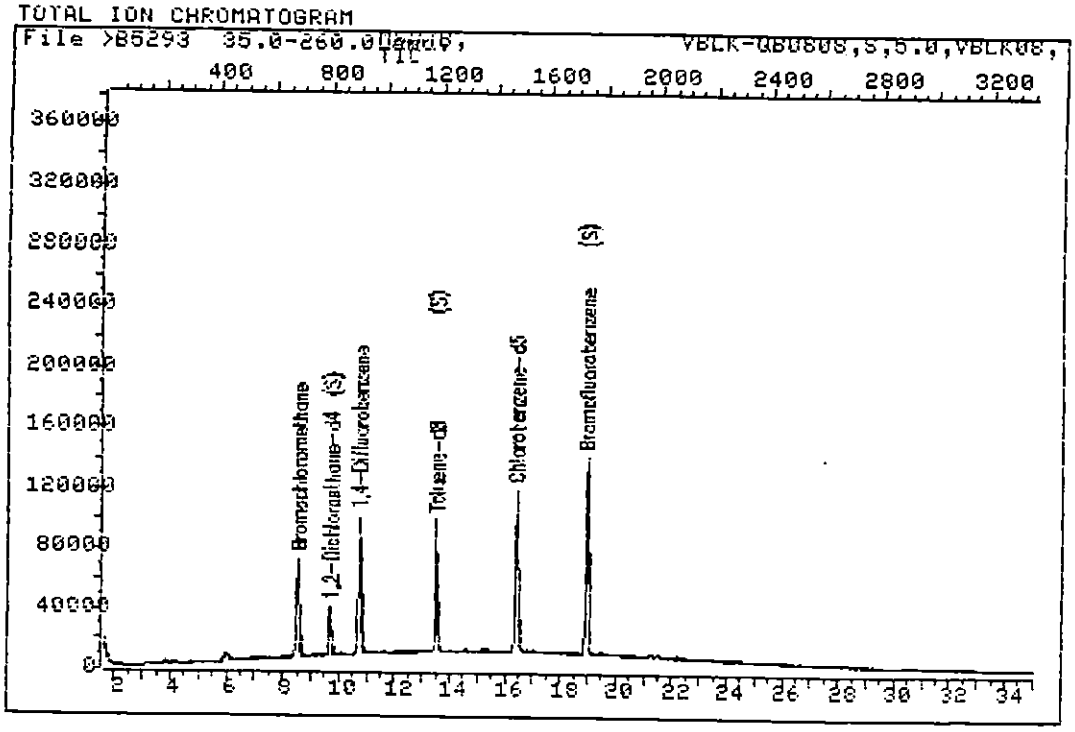
Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	Unknown	5.99	8.	J

FORM I-CLP-VOA-TIC

TOTAL ION CHROMATOGRAM



Data File: >B5293::B3
Name: MSD/B,
Misc: VBLK-QB0808,S,5.0,VBLK08,

Quant Output File: ^B5293::QT
Instrument ID: B

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20
Last Qcal Time: 940808 10:07

Operator ID: ANN
Quant Time : 940808 11:35
Injected at: 940808 10:59

Operator ID: ANN
Output File: ^B5293::QT
Data File: >B5293::B3
Name: MSD/B,
Misc: VBLK-QB0808,S,5.0,VBLK08,

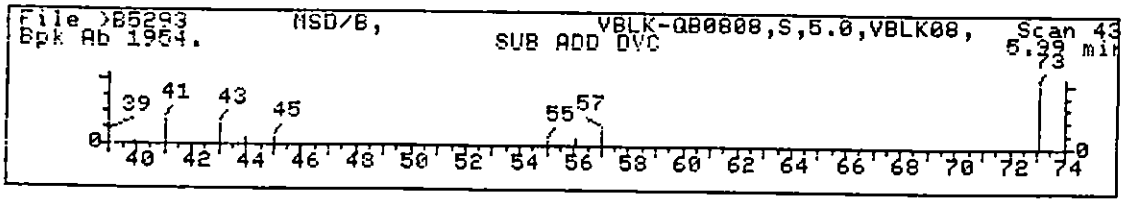
Quant Rev: 7 Quant Time: 940808 11:35
Injected at: 940808 10:59
Dilution Factor: 1.00000
Instrument ID: B

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940808 10:07

	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane		8.51	127.9	60538	50.00	ppb	9
15)	1,2-Dichloroethane-d4	(S)	9.67	65.0	63748	47.40	ppb	9
16)	*1,4-Difluorobenzene		10.69	114.0	239451	50.00	ppb	8
28)	*Chlorobenzene-d5		16.35	117.0	209328	50.00	ppb	8
30)	Toluene-d8	(S)	13.46	98.0	200302	49.05	ppb	9
38)	Bromofluorobenzene	(S)	18.91	95.0	161871	47.54	ppb	9

* Compound is ISTD

Intrument ID : MSD/B,, Analysis Date : 8/08/94 10:59



Unknown #,1
Area = 60072.00 Tentative Concentration (ppb) is 8.00

Sample file: >B5293 Spectrum #: 435

No data base entries were retrieved.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBLK09

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] WATER Lab Sample ID: VBLK-QC0809

Sample wt/vol: 5.0 [g/mL] ML Lab File ID: >C5433

Level: [low/med] LOW Date Received:

% Moisture: decanted: (Y/N) N Date Analyzed : 08/09/94

GC Column : CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

SADF: 1.00 FORM I-CLP-VOA-1 Total Hit(s): 0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

VBLK09

Lab Name: LRI Contract:

Lab Code: LRI Case No. SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLK-QC0809

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: >C5433

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 08/09/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

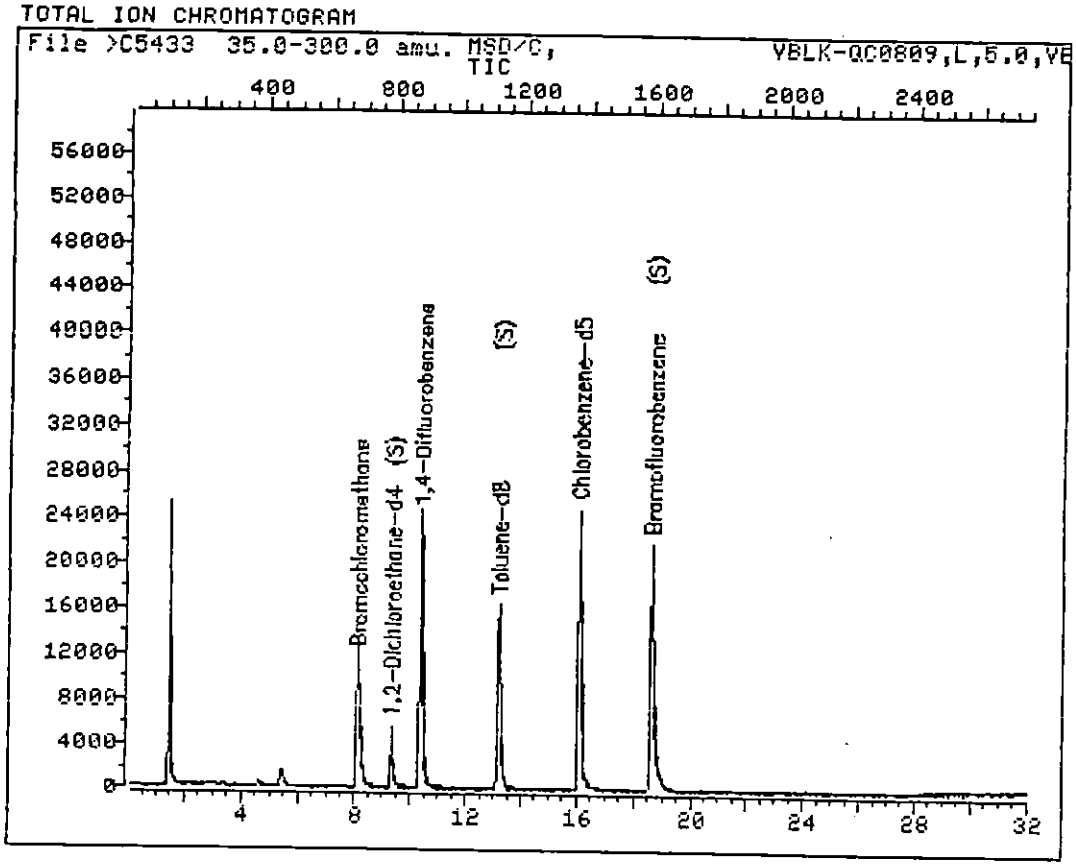
Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/ L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	Unknown	5.43	7.	J

FORM I-CLP-VOA-TIC

TOTAL ION CHROMATOGRAM



Data File: >C5433::C4
Name: MSD/C,
Misc: VBLK-QC0809,L,5.0,VBLK09,

Quant Output File: ^C5433::QT
Instrument ID: C

Id File: IDC90L::SC
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940802 09:58
Last Qcal Time: 940809 10:36

Operator ID: ANN
Quant Time : 940809 13:32
Injected at: 940809 11:26

QUANT REPORT

Operator ID: ANN
Output File: ^C5433::QT
Data File: >C5433::C4
Name: MSD/C,
Misc: VBLK-QC0809,L,5.0,VBLK09,

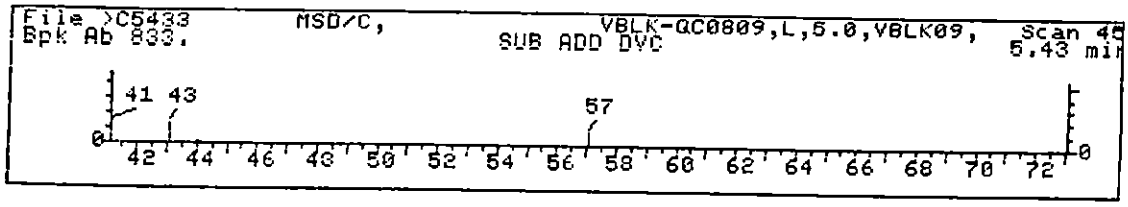
Quant Rev: 7
Quant Time: 940809 13:32
Injected at: 940809 11:26
Dilution Factor: 1.00000
Instrument ID: C

ID File: IDC90L::SC
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940802 09:58
Last Qcal Time: 940809 10:36

	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane		8.09	127.9	16564	50.00	ppb	9
15)	1,2-Dichloroethane-d4	(S)	9.31	65.0	20794	45.49	ppb	9
16)	*1,4-Difluorobenzene		10.34	114.0	76848	50.00	ppb	9
28)	*Chlorobenzene-d5		16.04	117.0	55172	50.00	ppb	9
30)	Toluene-d8	(S)	13.17	98.0	46736	53.23	ppb	9
38)	Bromofluorobenzene	(S)	18.60	95.0	44943	54.38	ppb	8

* Compound is ISTD

Intrument ID : MSD/C,, Analysis Date : 8/09/94 11:26



Unknown #,2
Area = 16051.00 Tentative Concentration (ppb) is 7.00

Sample file: >C5433 Spectrum #: 457

No data base entries were retrieved.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBLK10

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: VBLK-QB0810

Sample wt/vol: 5.0 [g/mL] G Lab File ID: >B5327

Level: [low/med] LOW Date Received:

% Moisture: decanted (Y/N) N Date Analyzed : 08/10/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

SADF: 1.00 FORM I-CLP-VOA-1 Total Hit(

 0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

VBLK10

Lab Name: LRI Contract:

Lab Code: LRI Case No. SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK-QB0810

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >B5327

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 08/10/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (u

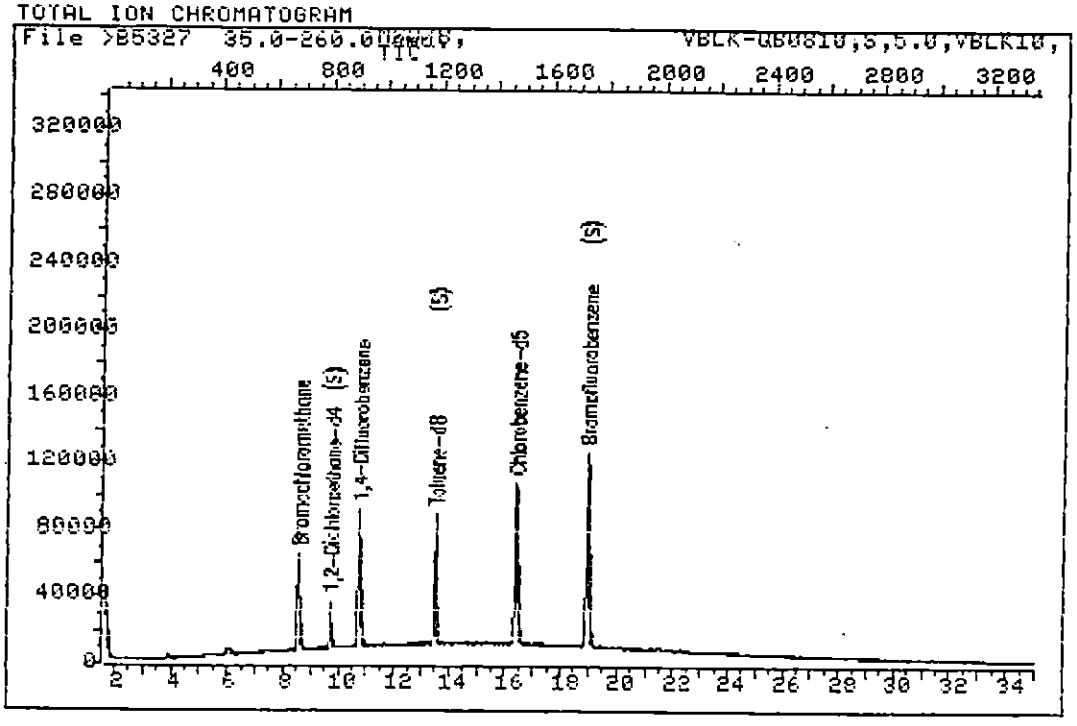
Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	Unknown	6.05	7.	J

FORM I-CLP-VOA-TIC

TOTAL ION CHROMATOGRAM



Data File: >B5327::B4 Quant Output File: ^B5327::QT
Name: MSD/B, Instrument ID: B
Misc: VBLK-QB0810,S,5.0,VBLK10,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940810 10:04

Operator ID: KATHY
Quant Time : 940810 11:28
Injected at: 940810 10:51

Operator ID: KATHY
Output File: ^B5327::QT
Data File: >B5327::84
Name: MSD/B,
Misc: VBLK-QB0810,S,5.0,VBLK10,

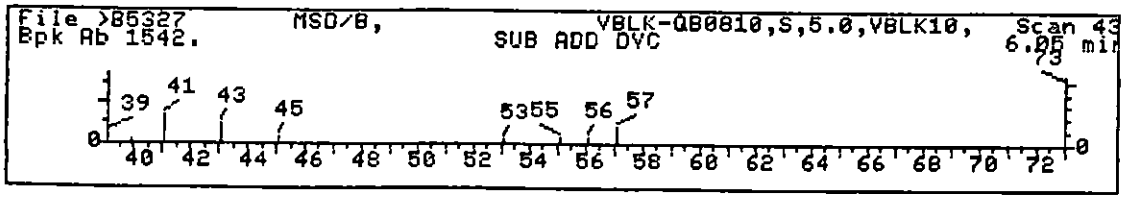
Quant Rev: 7 Quant Time: 940810 11:28
Injected at: 940810 10:51
Dilution Factor: 1.00000
Instrument ID: B

ID File: ID890S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940810 10:04

	Compound		R.T.	Q ion	Area	Conc	Units
1)	*Bromochloromethane		8.55	127.9	49706	50.00	ppb
15)	1,2-Dichloroethane-d4	(S)	9.71	65.0	55185	50.24	ppb
16)	*1,4-Difluorobenzene		10.71	114.0	204323	50.00	ppb
28)	*Chlorobenzene-d5		16.36	117.0	181918	50.00	ppb
30)	Toluene-d8	(S)	13.48	98.0	173971	49.30	ppb
38)	Bromofluorobenzene	(S)	18.92	95.0	148353	47.20	ppb

* Compound is ISTD

Intrument ID : MSD/B,, Analysis Date : 8/10/94 10:51



Unknown #,2
Area = 41172.00 Tentative Concentration (ppb) is 7.00

Sample file: >B5327 Spectrum #: 438

No data base entries were retrieved.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBLK11

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: VBLK-QB0811

Sample wt/vol: 5.0 [g/mL] G Lab File ID: >B5346

Level: [low/med] LOW Date Received:

% Moisture: decanted (Y/N) N Date Analyzed : 08/11/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

SADF: 1.00 FORM I-CLP-VOA-1 Total Hit(s): 0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.: VBLK11

Lab Name: LRI Contract:

Lab Code: LRI Case No. SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK-QB0811

Sample wt/vol: 5.0 (g/mL) G Lab File ID: >B5346

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 08/11/94

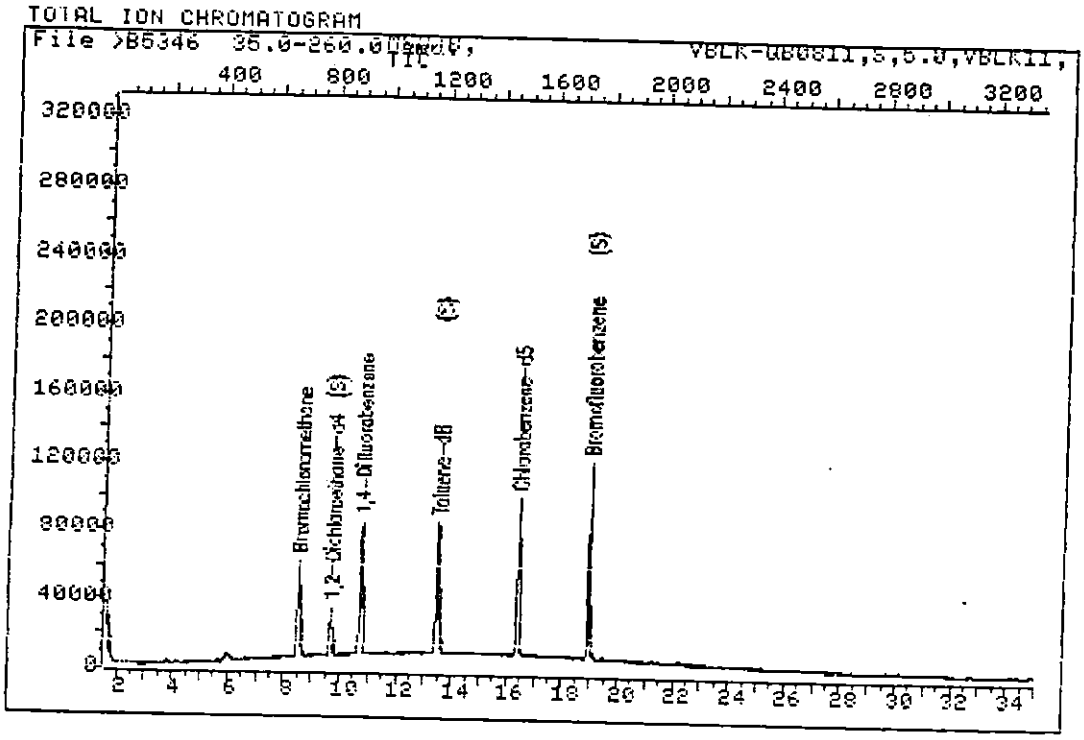
GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	Unknown	5.97	8.	J

FORM I-CLP-VOA-TIC



Data File: >B5346::B4
Name: MSD/B,
Misc: VBLK-QB0811,S,5.0,VBLK11,

Quant Output File: ^B5346::QT
Instrument ID: B

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20
Last Qcal Time: 940811 10:48

Operator ID: KATHY
Quant Time : 940811 12:15
Injected at: 940811 11:39

Operator ID: KATHY
Output File: ^B5346::QT
Data File: >B5346::B4
Name: MSD/B,
Misc: VBLK-QB0811,S,5.0,VBLK11,

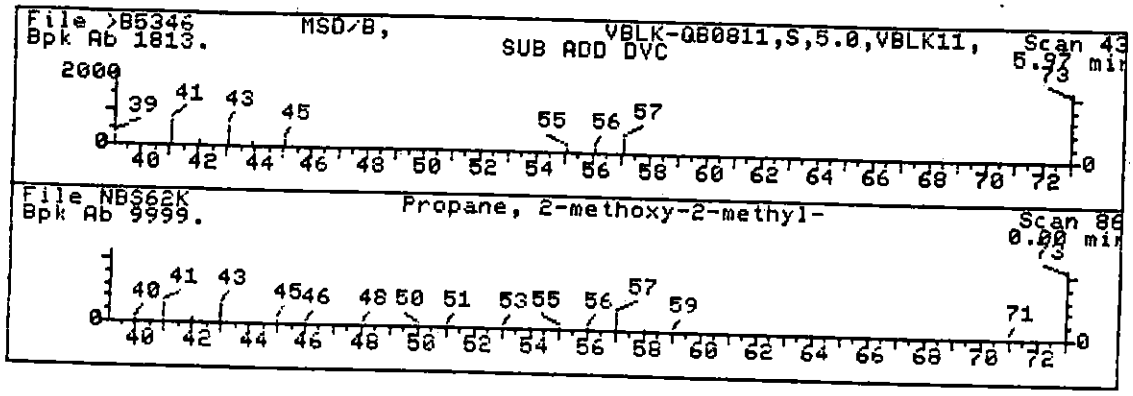
Quant Rev: 7 Quant Time: 940811 12:15
Injected at: 940811 11:39
Dilution Factor: 1.00000
Instrument ID: B

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940811 10:48

	Compound		R.T.	Q ion	Area	Conc	Units
1)	*Bromochloromethane		8.51	127.9	48054	50.00	ppb
15)	1,2-Dichloroethane-d4	(S)	9.67	65.0	54107	50.52	ppb
16)	*1,4-Difluorobenzene		10.69	114.0	193455	50.00	ppb
28)	*Chlorobenzene-d5		16.36	117.0	172777	50.00	ppb
30)	Toluene-d8	(S)	13.46	98.0	164856	49.60	ppb
38)	Bromofluorobenzene	(S)	18.92	95.0	143185	47.03	ppb

* Compound is ISTD

Intrument ID : MSD/B,, Analysis Date : 8/11/94 11:39



Unknown #,1
Area = 53770.00 Tentative Concentration (ppb) is 8.00

1. Propane, 2-methoxy-2-methyl- 88 C5H12O

Sample file: >B5346 Spectrum #: 435
Search speed: 1 Tilting option: S No. of ion ranges searched: 43

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	70	1634044	5795	NBS62K	42	37	2	0	94	7	42	14

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBLK11

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] WATER Lab Sample ID: VBLK-QC0811

Sample wt/vol: 5.0 [g/mL] ML Lab File ID: >C5480

Level: [low/med] LOW Date Received:

% Moisture: decanted: (Y/N) N Date Analyzed : 08/11/94

GC Column : CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

SADF: 1.00

Total Hit(s): 0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

VBLK11

Lab Name: LRI Contract:

Lab Code: LRI Case No. SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLK-QC0811

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: >C5480

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 08/11/94

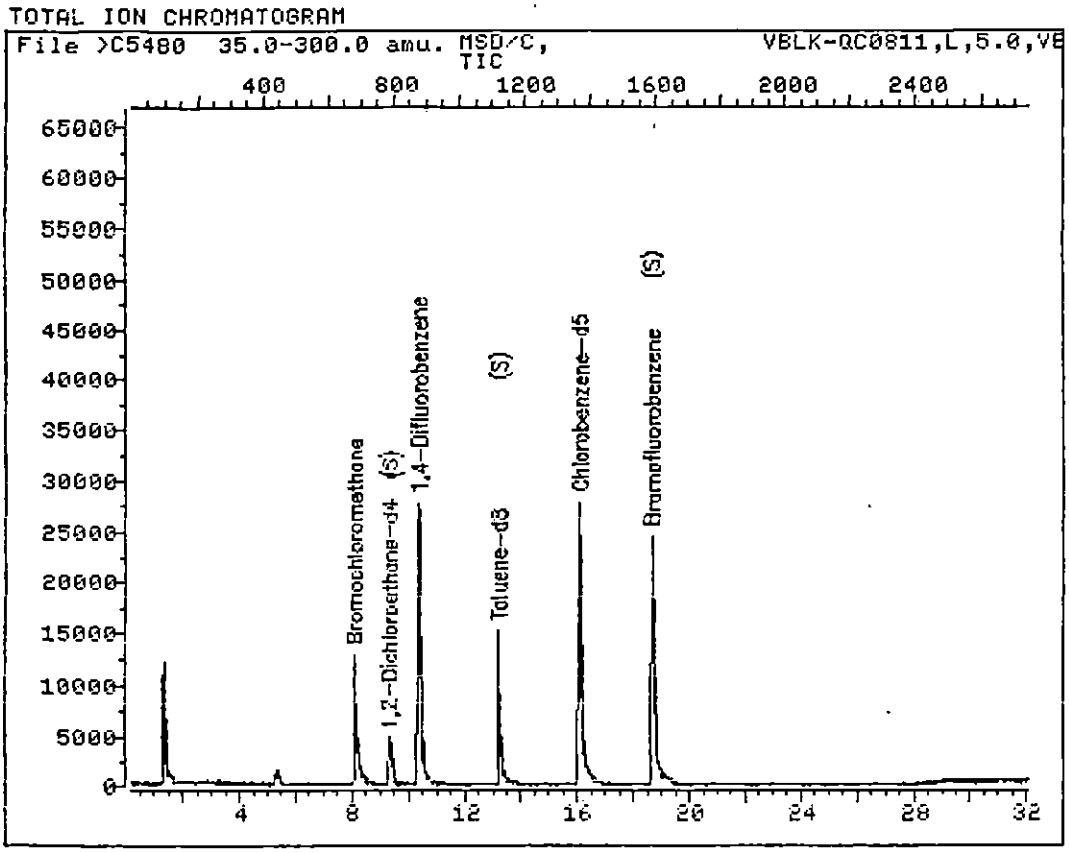
GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/ L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	Unknown	18.91	5.	J

TOTAL ION CHROMATOGRAM



Data File: >C5480::C4 Quant Output File: ^C5480::QT
Name: MSD/C, Instrument ID: C
Misc: VBLK-QC0811,L,5.0,VBLK11,

Id File: IDC90L::SC
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940802 09:58 Last Qcal Time: 940811 10:26

Operator ID: ANN
Quant Time : 940811 14:56
Injected at: 940811 14:23

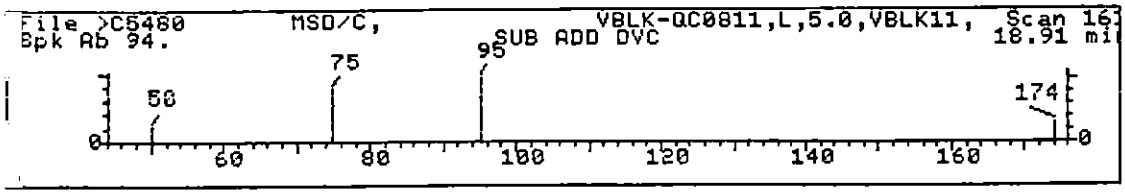
Operator ID: ANN Quant Rev: 7 Quant Time: 940811 14:56
Output File: ^C5480::QT Injected at: 940811 14:23
Data File: >C5480::C4 Dilution Factor: 1.00000
Name: MSD/C, Instrument ID: C
Misc: VBLK-QC0811,L,5.0,VBLK11,

ID File: IDC90L::SC
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940802 09:58 Last Qcal Time: 940811 10:26

	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane		8.08	127.9	16909	50.00	ppb	81
15)	1,2-Dichloroethane-d4	(S)	9.31	65.0	16094	39.81	ppb	97
16)	*1,4-Difluorobenzene		10.35	114.0	82079	50.00	ppb	96
28)	*Chlorobenzene-d5		16.07	117.0	64591	50.00	ppb	95
30)	Toluene-d8	(S)	13.19	98.0	43773	47.04	ppb	97
38)	Bromofluorobenzene	(S)	18.64	95.0	46240	44.53	ppb	84

* Compound is ISTD

Intrument ID : MSD/C,, Analysis Date : 8/11/94 14:23



. Unknown #,3
Area = 21642.00 Tentative Concentration (ppb) is 5.00

Sample file: >C5480 Spectrum #: 1612

No data base entries were retrieved.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBLK-MS

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: VBLK-MS

Sample wt/vol: 5.0 [g/mL] G Lab File ID: >B5294

Level: [low/med] LOW Date Received:

% Moisture: 0.0 decanted (Y/N) N Date Analyzed : 08/08/94

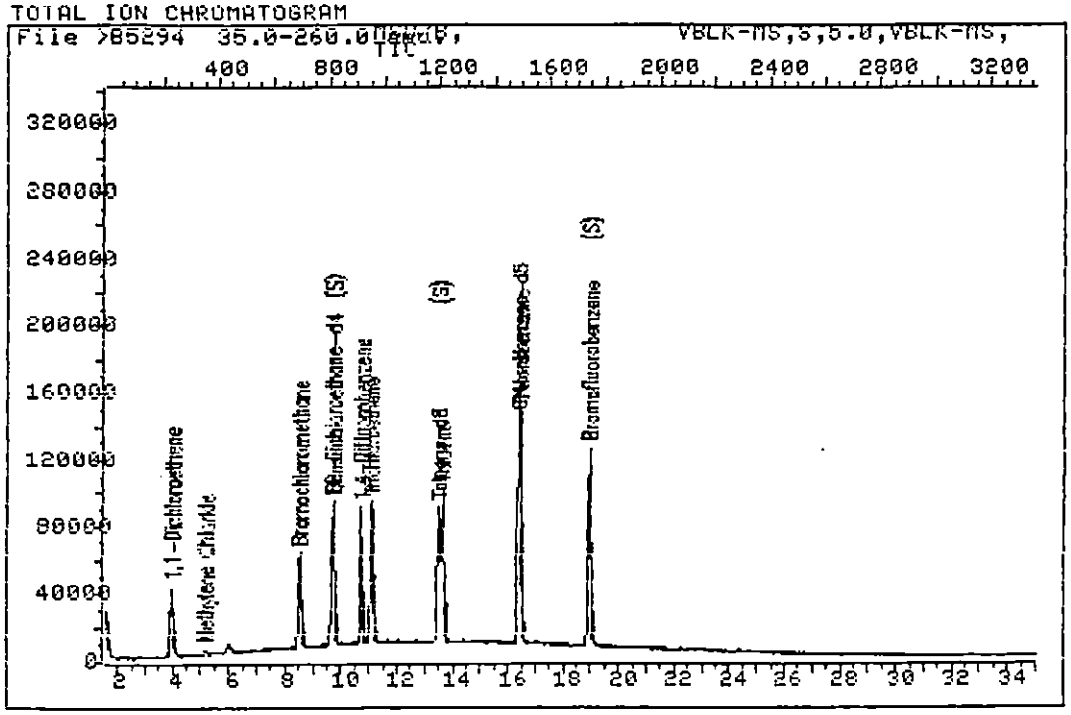
GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	44	
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	44	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	42	
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	43	
108-90-7	Chlorobenzene	46	
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

SADF: 1.00 FORM I-CLP-VOA-1 Total Hit(s): 6

TOTAL ION CHROMATOGRAM



Data File: >B5294::B3 Quant Output File: ^B5294::QT
Name: MSD/B, Instrument ID: B
Misc: VBLK-MS,S,5.0,VBLK-MS,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940808 10:07

Operator ID: KATHY
Quant Time : 940808 12:25
Injected at: 940808 11:49

Operator ID: KATHY Quant Rev: 7 Quant Time: 940808 12:25
Output File: ^B5294::QT Injected at: 940808 11:49
Data File: >B5294::B3 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: VBLK-MS,S,5.0,VBLK-MS,

ID File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940808 10:07

	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane		8.50	127.9	53226	50.00	ppb	9
6)	1,1-Dichloroethene		3.94	96.0	59424	43.50	ppb	7
9)	Methylene Chloride		5.14	84.0	3665	2.05	ppb	9
15)	1,2-Dichloroethane-d4	(S)	9.68	65.0	55096	46.59	ppb	9
16)	*1,4-Difluorobenzene		10.69	114.0	216207	50.00	ppb	8
19)	Benzene		9.69	78.0	171611	42.41	ppb	9
20)	Trichloroethene		11.05	130.0	98628	43.99	ppb	9
28)	*Chlorobenzene-d5		16.37	117.0	186962	50.00	ppb	8
30)	Toluene-d8	(S)	13.47	98.0	179770	49.28	ppb	9
31)	Toluene		13.59	92.0	128071	42.47	ppb	9
34)	Chlorobenzene		16.42	112.0	189859	46.00	ppb	9
38)	Bromofluorobenzene	(S)	18.93	95.0	146795	48.27	ppb	9

* Compound is ISTD

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

B-4-4 MS

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: T407366-07AMS

Sample wt/vol: 5.0 [g/mL] G Lab File ID: >B5213

Level: [low/med] LOW Date Received:

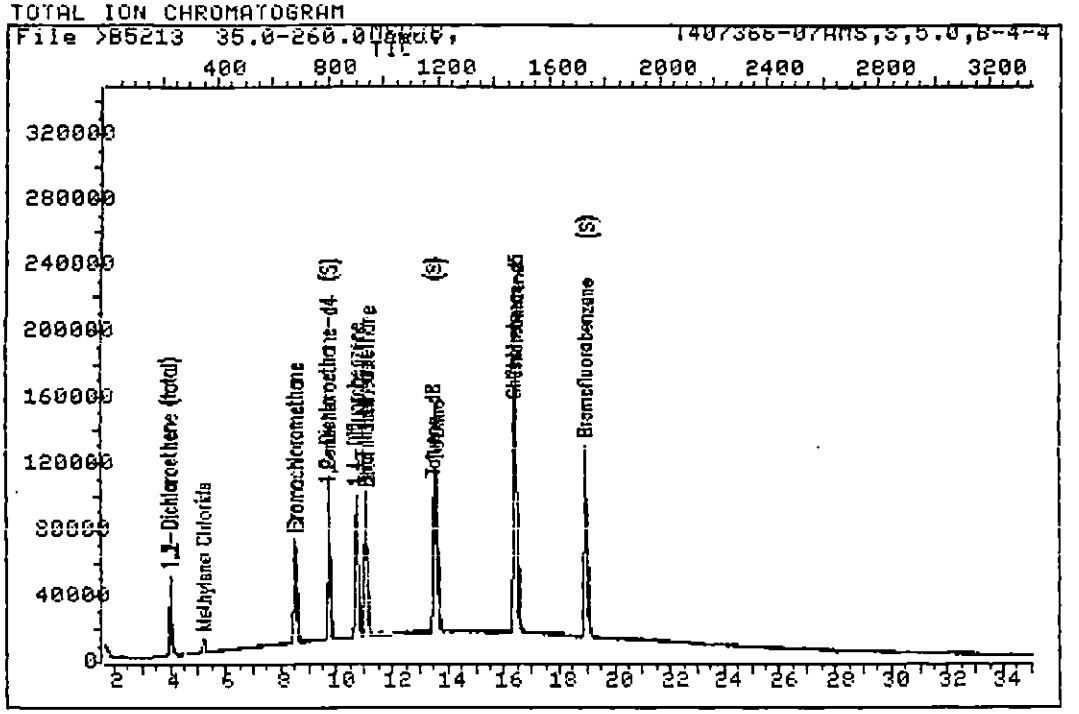
% Moisture: 3.0 decanted (Y/N) N Date Analyzed : 08/01/94

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	8	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	49	
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	50	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	49	
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	50	
108-90-7	Chlorobenzene	52	
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

TOTAL ION CHROMATOGRAM



Data File: >B5213::B2 Quant Output File: ^B5213::QT
Name: MSD/B, Instrument ID: B
Misc: T407366-07AMS,S,5.0,B-4-4 MS,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940801 10:37

Operator ID: KATHY
Quant Time : 940801 17:41
Injected at: 940801 17:04

Operator ID: KATHY Quant Rev: 7 Quant Time: 940801 17:41
Output File: ^B5213::QT Injected at: 940801 17:04
Data File: >B5213::B2 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: T407366-07AMS,S,5.0,B-4-4 MS,

ID File: ID890S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940801 10:37

	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane		8.50	127.9	53646	50.00	ppb	9
6)	1,1-Dichloroethene		3.96	96.0	65353	47.11	ppb	8
9)	Methylene Chloride		5.17	84.0	14381	7.89	ppb	9
10)	1,2-Dichloroethene (total)		3.96	96.0	65353	~~40.21~~	ppb	9
15)	1,2-Dichloroethane-d4	(S)	9.67	65.0	65778	46.52	ppb	8
16)	*1,4-Difluorobenzene		10.69	114.0	227678	50.00	ppb	9
19)	Benzene		9.70	78.0	197667	47.68	ppb	9
20)	Trichloroethene		11.05	130.0	96223	48.93	ppb	9
22)	Bromodichloromethane		11.06	83.0	705	~~<219~~	ppb	9
28)	*Chlorobenzene-d5		16.35	117.0	185718	50.00	ppb	9
30)	Toluene-d8	(S)	13.46	98.0	193237	50.28	ppb	9
31)	Toluene		13.58	92.0	135094	47.98	ppb	9
34)	Chlorobenzene		16.40	112.0	181548	50.85	ppb	9
38)	Bromofluorobenzene	(S)	18.92	95.0	143400	45.85	ppb	9

* Compound is ISTD

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

B-4-4 MSD

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: T407366-07AMSD

Sample wt/vol: 5.0 [g/mL] G Lab File ID: >B5214

Level: [low/med] LOW Date Received:

% Moisture: 3.0 decanted (Y/N) N Date Analyzed : 08/01/94

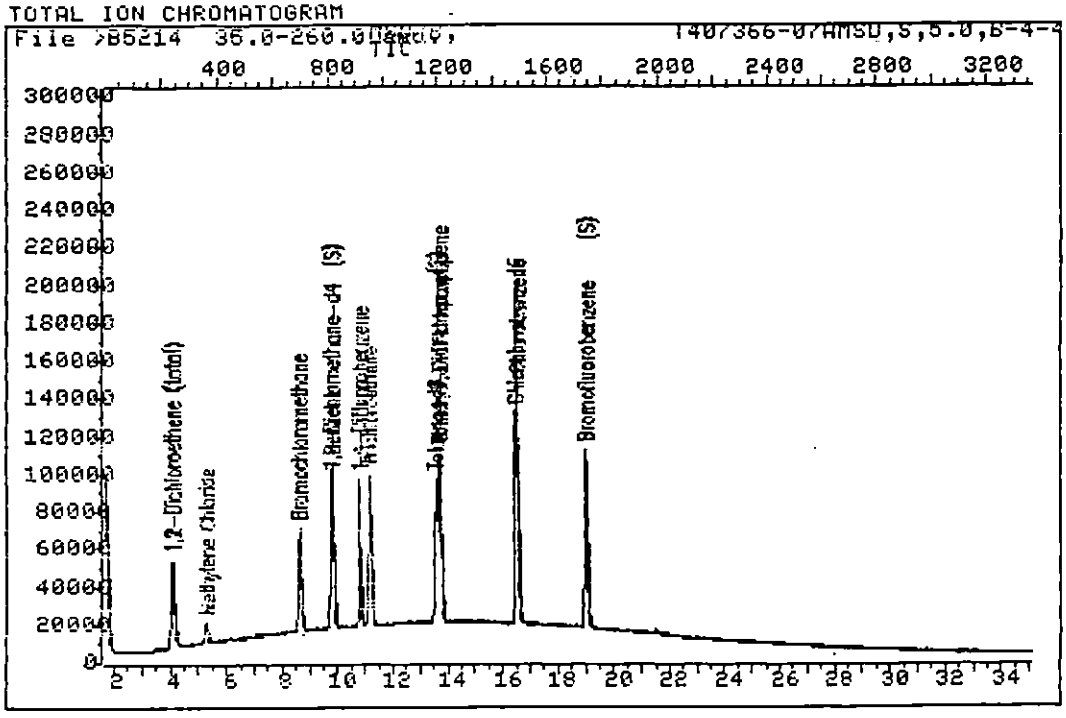
GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	11	B
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	53	
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	54	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	52	
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	54	
108-90-7	Chlorobenzene	57	
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

SADF: 1.03 FORM I-CLP-VOA-1 Total Hit(s): 6

TOTAL ION CHROMATOGRAM



Data File: >B5214::B2 Quant Output File: ^B5214::QT
Name: MSD/B, Instrument ID: B
Misc: T407366-07AMSD,S,5.0,B-4-4 MSD,

Id File: IDB90S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940801 10:37

Operator ID: KATHY
Quant Time : 940801 18:20
Injected at: 940801 17:44

Operator ID: KATHY Quant Rev: 7 Quant Time: 940801 18:20
Output File: ^B5214::QT Injected at: 940801 17:44
Data File: >B5214::B2 Dilution Factor: 1.00000
Name: MSD/B, Instrument ID: B
Misc: T407366-07AMSD,S,5.0,B-4-4 MSD,

ID File: ID890S::C2
Title: LABORATORY RESOURCES ID FILE FOR VOLATILE CLP ORGANICS GC/MS
Last Calibration: 940724 15:20 Last Qcal Time: 940801 10:37

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Bromochloromethane	8.58	127.9	46892	50.00	ppb	9
6)	1,1-Dichloroethene	4.05	96.0	62506	51.55	ppb	8
9)	Methylene Chloride	5.27	84.0	17036	10.69	ppb	9
10)	1,2-Dichloroethene (total)	4.05	96.0	62506	~~44.00~~	ppb	9
15)	1,2-Dichloroethane-d4 (S)	9.73	65.0	57780	46.75	ppb	9
16)	*1,4-Difluorobenzene	10.75	114.0	195006	50.00	ppb	9
19)	Benzene	9.76	78.0	179547	50.57	ppb	9
20)	Trichloroethene	11.11	130.0	87765	52.10	ppb	9
23)	trans-1,3-Dichloropropene	13.64	75.0	659	~~.380~~	ppb	5
24)	cis-1,3-Dichloropropene	13.64	75.0	659	~~.304~~	ppb	8
28)	*Chlorobenzene-d5	16.41	117.0	156808	50.00	ppb	9
30)	Toluene-d8 (S)	13.52	98.0	166512	51.31	ppb	9
31)	Toluene	13.65	92.0	124642	52.43	ppb	9
34)	Chlorobenzene	16.47	112.0	165972	55.06	ppb	9
38)	Bromofluorobenzene (S)	18.97	95.0	121560	46.04	ppb	9

* Compound is ISTD

2C

WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No. SDG No.: 810301

	NYSDEC SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
1	SBLK 02	81	76	102	80	76	90	83	71	0
2	FLD BLK	87	79	102	85	78	90	82	82	0

	QC LIMITS	
S1 (NBZ) = Nitrobenzene-d5	(35-114)	
S2 (FBP) = 2-Fluorobiphenyl	(43-116)	
S3 (TPH) = Terphenyl-d14	(33-141)	
S4 (PHL) = Phenol-d5	(10-110)	
S5 (2FP) = 2-Fluorophenol	(21-110)	
S6 (TBP) = 2,4,6-Tribromophenol	(10-123)	
S7 (2CP) = 2-Chlorophenol-d4	(33-110)	(advisory)
S8 (DCB) = 1,2-Dichlorobenzene-d4	(16-110)	(advisory)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

2D

SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No. SDG No.: 810301

Level: (low/med) LOW

	NYSDEC SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
1	SBLK 01	81	74	78	71	66	67	72	74	0
2	SBLK MS	91	82	90	78	76	85	66	83	0
3	B20-12	67	70	77	53	45	57	53	55	0
4	B20-12 MS	66	63	73	56	50	69	45	49	0
5	B20-12 MSD	69	66	76	58	52	69	50	48	0
6	SBLK 02	98	89	111	85	71	86	75	88	0
7	SD-1	88	85	115	77	72	87	77	76	0
8	SD-2	81	74	101	76	63	85	71	66	0
9	SD-4	87	88	105	81	66	94	76	79	0
10	SD-5	93	85	92	43	29	11 *	42	78	1
11	SD-6	93	82	93	42	32	7 *	44	76	1
12	SD-3 DL	90	106	91	84	76	101	91	78	0
13	SD-3	105	101	105	86	72	113	77	77	0

		QC LIMITS	
S1 (NBZ)	= Nitrobenzene-d5	(23-120)	
S2 (FBP)	= 2-Fluorobiphenyl	(30-115)	
S3 (TPH)	= Terphenyl-d14	(18-137)	
S4 (PHL)	= Phenol-d5	(24-113)	
S5 (2FP)	= 2-Fluorophenol	(25-121)	
S6 (TBP)	= 2,4,6-Tribromophenol	(19-122)	
S7 (2CP)	= 2-Chlorophenol-d4	(20-130)	(advisory)
S8 (DCB)	= 1,2-Dichlorobenzene-d4	(20-130)	(advisory)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKEDUPLICATE RECOVERY

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 AP SAS No.: SDG No.: 810301 AP

Matrix Spike - NYSDEC Sample No: B20-12 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	#	QC. LIMITS REC.
Phenol	2604	0	1328	51		26- 90
2-Chlorophenol	2604	0	1416	54		25-102
1,4-Dichlorobenzene	1736	0	917	53		28-104
N-Nitroso-di-n-propylamine	1736	0	1042	60		41-126
1,2,4-Trichlorobenzene	1736	0	1071	62		38-107
4-Chloro-3-methylphenol	2604	0	1726	66		26-103
Acenaphthene	1736	0	1181	68		31-137
4-Nitrophenol	2604	0	2215	85		11-114
2,4-Dinitrotoluene	1736	0	1304	75		28- 89
Pentachlorophenol	2604	0	1411	54		17-109
Pyrene	1736	38	1136	63		35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	#	% RPD	#	QC LIMITS RPD	REC.
Phenol	2604	1448	56		9		35	26- 90
2-Chlorophenol	2604	1446	56		4		50	25-102
1,4-Dichlorobenzene	1736	854	49		8		27	28-104
N-Nitroso-di-n-propylamine	1736	1045	60		0		38	41-126
1,2,4-Trichlorobenzene	1736	1112	64		3		23	38-107
4-Chloro-3-methylphenol	2604	1797	69		4		33	26-103
Acenaphthene	1736	1262	73		7		19	31-137
4-Nitrophenol	2604	2261	87		2		50	11-114
2,4-Dinitrotoluene	1736	1259	73		3		47	28- 89
Pentachlorophenol	2604	1466	56		4		47	17-109
Pyrene	1736	1178	66		5		36	35-142

Column to be used to flag recovery and RPD value with an asterisk
* Values outside of QC limits

RPD: 0 out of 11 outside limits
Spike Recovery: 0 out of 22 outside limits

Comment: _____

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKEDUPLICATE RECOVERY

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Matrix Spike - NYSDEC Sample No: SBLK 01 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	#	QC. LIMITS REC.
Phenol	2500	0	1887	75		26- 90
2-Chlorophenol	2500	0	1862	74		25-102
1,4-Dichlorobenzene	1667	0	1275	76		28-104
N-Nitroso-di-n-propylamine	1667	0	1465	88		41-126
1,2,4-Trichlorobenzene	1667	0	1291	77		38-107
4-Chloro-3-methylphenol	2500	0	1980	79		26-103
Acenaphthene	1667	0	1378	83		31-137
4-Nitrophenol	2500	0	2577	103		11-114
2,4-Dinitrotoluene	1667	0	1378	83		28- 89
Pentachlorophenol	2500	0	2301	92		17-109
Pyrene	1667	0	1293	78		35-142

Column to be used to flag recovery and RPD value with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 11 outside limits

Comment: _____

_____

FORM III-CLP-SV-2

4B

SEMIVOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

SBLK 01

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID: >J3535 Lab Sample ID: SBLK-QM7383T1

Instrument ID: MSD/J Date Extracted: 08/07/94

Matrix: (soil/water) Soil Date Analyzed: 08/17/94

Level:(low/med) LOW Time Analyzed: 13:24

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS, AND MSD:

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	SBLK MS	SBLK-QM7383MS	>J3541	08/17/94
2	B20-12	T408069-04	>J3518	08/12/94
3	B20-12 MS	T408069-04MS	>J3519	08/12/94
4	B20-12 MSD	T408069-04MSD	>J3520	08/12/94

COMMENTS:

FORM IV-CLP-SV

4B

SEMIVOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

SBLK 02

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID: >J3533 Lab Sample ID: SBLK-QM7384T2

Instrument ID: MSD/J Date Extracted: 08/11/94

Matrix: (soil/water) WATER Date Analyzed: 08/17/94

Level:(low/med) LOW Time Analyzed: 11:41

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS, AND MSD:

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	FLD BLK	T408103-07	>J3534	08/17/94

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

SBLK 02

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID: >J3552 Lab Sample ID: SBLK-QM7383T2

Instrument ID: MSD/J Date Extracted: 08/11/94

Matrix: (soil/water) Soil Date Analyzed: 08/19/94

Level:(low/med) LOW Time Analyzed: 17:22

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS, AND MSD:

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	SD-1	T408103-01	>J3553	08/19/94
2	SD-2	T408103-02	>J3554	08/19/94
3	SD-4	T408103-04	>J3555	08/19/94
4	SD-5	T408103-05	>J3556	08/19/94
5	SD-6	T408103-06	>J3557	08/19/94
6	SD-3 DL	T408103-03DL	>J3558	08/19/94
7	SD-3	T408103-03	>J3559	08/19/94

COMMENTS:

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 AP SAS No.: SDG No.: 810301 AP

Lab File ID: >J3460 DFTPP Injection Date: 8/10/94

Instrument ID: MSD/J DFTPP Injection Time: 10:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0% of mass 198	57.5	
68	Less than 2.0% of mass 69	0.0	0.0)1
69	Present	73.	
70	Less than 2.0% of mass 69	0.0	0.0)1
127	40.0 - 60.0% of mass 198	42.7	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.	
199	5.0 - 9.0% of mass 198	6.8	
275	10.0 - 30.0% of mass 198	21.1	
365	Greater than 1.00% of mass 198	2.51	
441	Present, but less than mass 443	7.2	
442	40.0 - 110.0% of mass 198	51.9	
443	17.0 - 23.0% of mass 442	10.3	19.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANK, AND STANDARDS:

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	ANALYZED
1	SSTD 160	SSTD 160	>J3462	940810	11:35
2	SSTD 120	SSTD 120	>J3463	940810	12:26
3	SSTD 80	SSTD 80	>J3464	940810	13:17
4	SSTD 50	SSTD 50	>J3465	940810	14:09
5	SSTD 20	SSTD 20	>J3466	940810	15:00

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID: >J3510 DFTPP Injection Date: 8/12/94

Instrument ID: MSD/J DFTPP Injection Time: 9:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0% of mass 198	57.7	
68	Less than 2.0% of mass 69	0.0	0.0)1
69	Present	73.	
70	Less than 2.0% of mass 69	0.0	0.0)1
127	40.0 - 60.0% of mass 198	40.9	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.	
199	5.0 - 9.0% of mass 198	6.7	
275	10.0 - 30.0% of mass 198	20.5	
365	Greater than 1.00% of mass 198	2.04	
441	Present, but less than mass 443	7.0	
442	40.0 - 110.0% of mass 198	47.7	
443	17.0 - 23.0% of mass 442	9.1	19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANK, AND STANDARDS:

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	ANALYZED
1	SSTD 50	SSTD 50	>J3511	940812	10:32
2	B20-12	T408069-04	>J3518	940812	17:07
3	B20-12 MS	T408069-04MS	>J3519	940812	17:59
4	B20-12 MSD	T408069-04MSD	>J3520	940812	18:51

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: LRI Contract:

Lab Code: LRI Case No.:08103 SAS No.: SDG No.:810301

Lab File ID: >J3530 DFTPP Injection Date: 8/17/94

Instrument ID: MSD/J DFTPP Injection Time: 9:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0% of mass 198	57.6	
68	Less than 2.0% of mass 69	0.0	0.0)1
69	Present	70.	
70	Less than 2.0% of mass 69	0.0	0.0)1
127	40.0 - 60.0% of mass 198	41.8	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.	
199	5.0 - 9.0% of mass 198	6.9	
275	10.0 - 30.0% of mass 198	21.3	
365	Greater than 1.00% of mass 198	2.15	
441	Present, but less than mass 443	7.4	
442	40.0 - 110.0% of mass 198	51.5	
443	17.0 - 23.0% of mass 442	9.8	19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANK, AND STANDARDS:

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	ANALYZED
1	SSTD 50	SSTD 50	>J3531	940817	09:59
2	SBLK 02	SBLK-QM7384T2	>J3533	940817	11:41
3	FLD BLK	T408103-07	>J3534	940817	12:32
4	SBLK 01	SBLK-QM7383T1	>J3535	940817	13:24
5	SBLK MS	SBLK-QM7383MS	>J3541	940817	18:38

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.: 810301

Lab File ID: >J3550 DFTPP Injection Date: 8/19/94

Instrument ID: MSD/J DFTPP Injection Time: 16:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0% of mass 198	54.5	
68	Less than 2.0% of mass 69	0.0	0.0)1
69	Present	69.	
70	Less than 2.0% of mass 69	0.0	0.0)1
127	40.0 - 60.0% of mass 198	40.4	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.	
199	5.0 - 9.0% of mass 198	7.0	
275	10.0 - 30.0% of mass 198	21.1	
365	Greater than 1.00% of mass 198	2.23	
441	Present, but less than mass 443	7.6	
442	40.0 - 110.0% of mass 198	52.7	
443	17.0 - 23.0% of mass 442	10.3	19.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANK, AND STANDARDS:

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	ANALYZED
1	SSTD 50	SSTD 50	>J3551	940819	16:31
2	SBLK 02	SBLK-QM7383T2	>J3552	940819	17:22
3	SD-1	T408103-01	>J3553	940819	18:13
4	SD-2	T408103-02	>J3554	940819	19:05
5	SD-4	T408103-04	>J3555	940819	19:57
6	SD-5	T408103-05	>J3556	940819	20:49
7	SD-6	T408103-06	>J3557	940819	21:41
8	SD-3 DL	T408103-03DL	>J3558	940819	22:33
9	SD-3	T408103-03	>J3559	940819	23:24

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SD-1

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: T408103-01

Sample wt/vol: 30.00 [g/mL] G Lab File ID: >J3553

Level: [low/med] LOW Date Received: 08/09/94

% Moisture: 5.0 decanted (Y/N) Date Extracted: 08/11/94

Concentrated Extract Volume: 500 uL Date Analyzed: 08/19/94

Injection Volume: 2 uL Dilution Factor: 1

GPC Cleanup: [Y/N] Y pH: 7.71

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-8	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	880	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	880	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U
99-09-2	3-Nitroaniline	880	U
83-32-9	Acenaphthene	350	U

200

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SD-1

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: T408103-01

Sample wt/vol: 30.00 [g/mL] G Lab File ID: >J3553

Level: [low/med] LOW Date Received: 08/09/94

% Moisture: 5.0 decanted (Y/N) Date Extracted: 08/11/94

Concentrated Extract Volume: 500 uL Date Analyzed: 08/19/94

Injection Volume: 2 uL Dilution Factor: 1

GPC Cleanup: [Y/N] Y pH: 7.71

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
51-28-5	2,4-Dinitrophenol	880	U
100-02-7	4-Nitrophenol	880	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-73-7	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	880	U
534-52-1	4,6-Dinitro-2-methylphenol	880	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	880	U
85-01-8	Phenanthrene	19	J
120-12-7	Anthracene	350	U
86-74-8	Carbazole	350	U
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	45	J
129-00-0	Pyrene	37	J
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	26	J
117-81-7	bis(2-Ethylhexyl)phthalate	29	JB
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	27	J
207-08-9	Benzo(k)fluoranthene	20	J
50-32-8	Benzo(a)pyrene	19	J
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenz(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SD-1

Lab Name: LRI Contract:

Lab Code: LRI Case No. 08103 SAS No.: SDG No.: 810301

Matrix: (soil/water) SOIL Lab Sample ID: T408103-01

Sample wt/vol: 30.00 (g/mL) G Lab File ID: >J3553

Level: (low/med) LOW Date Received: 08/09/94

% Moisture: 5.0 decanted. (Y/N) N Date Extracted: 08/11/94

Concentrated Extract Volume: 500 (ul) Date Analyzed: 08/19/94

Injection Volume: 2 (ul) Diluton Factor: 1

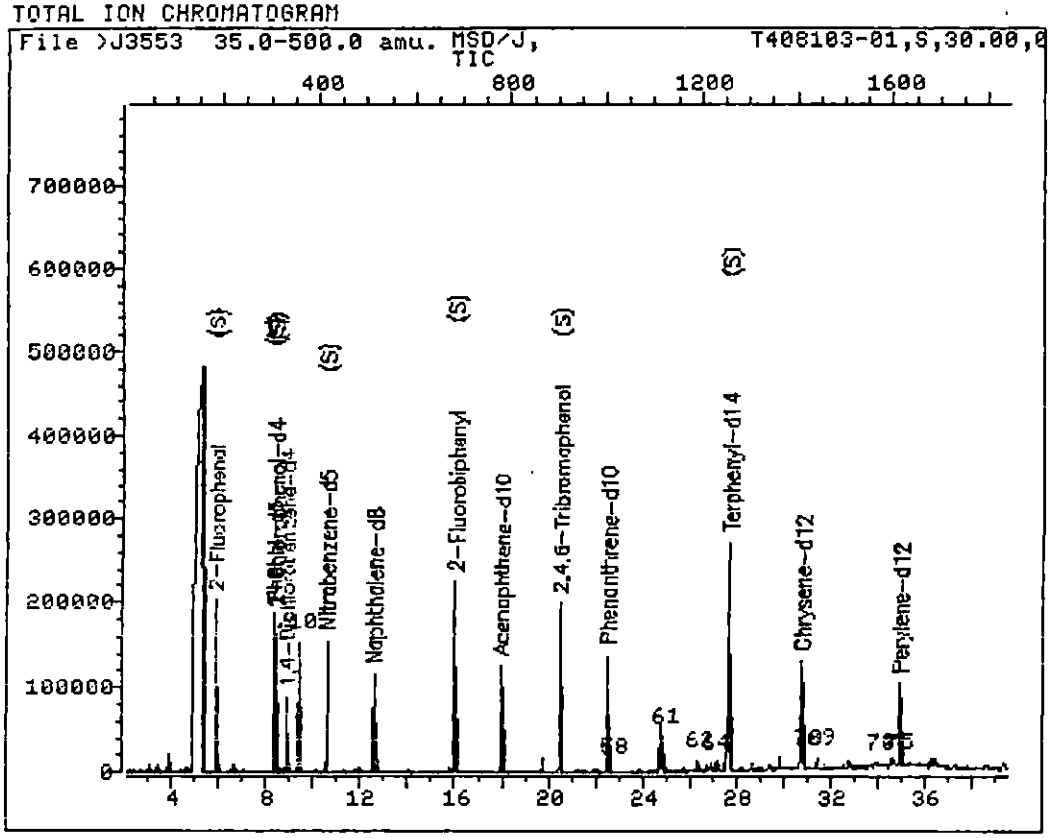
GPC Cleanup: (Y/N) Y pH: 7.71

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	- -	Aldol Condensation (B)	5.26	11000.	J AB
2.	- -	Unknown (B)	24.69	180.	J B

TOTAL ION CHROMATOGRAM



Data File: >J3553::J4 Quant Output File: ^J3553::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-01,S,30.00,0.5,1,SD-1, BTL# 4

Id File: IDJB90::N8
Title: CLP SEMI-VOLATILE ID FILE
Last Calibration: 940810 16:29 Last Qcal Time: 940819 16:31

Operator ID: BNA3
Quant Time : 940819 18:54
Injected at: 940819 18:13

Operator ID: BNA3 Quant Rev: 7 Quant Time: 940819 18:54
Output File: ^J3553::QQ Injected at: 940819 18:13
Data File: >J3553::J4 Dilution Factor: 1.00000
Name: MSD/J, Instrument ID: J
Misc: T408103-01,S,30.00,0.5,1,SD-1, BTL# 4

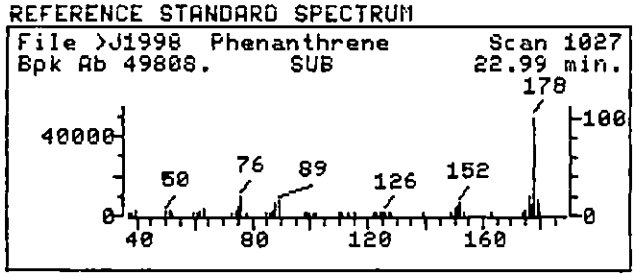
ID File: IDJB90::N8
Title: CLP SEMI-VOLATILE ID FILE
Last Calibration: 940810 16:29 Last Qcal Time: 940819 16:31

	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4		8.87	152.0	28185	40.00	NG	95
2)	2-Fluorophenol	(S)	5.87	112.0	86835	108.08	NG	88
3)	Phenol-d5	(S)	8.32	99.0	143607	116.24	NG	93
5)	2-Chlorophenol-d4	(S)	8.38	132.0	101315	115.75	NG	82
10)	1,2-Dichlorobenzene-d4	(S)	9.38	152.0	48489	75.67	NG	96
17)	*Naphthalene-d8		12.53	136.0	109346	40.00	NG	93
18)	Nitrobenzene-d5	(S)	10.55	82.0	107130	87.51	NG	90
31)	*Acenaphthene-d10		17.94	164.0	70801	40.00	NG	97
36)	2-Fluorobiphenyl	(S)	16.00	172.0	174707	85.01	NG	95
51)	2,4,6-Tribromophenol	(S)	20.45	330.0	52495	130.38	NG	91
52)	*Phenanthrene-d10		22.48	188.0	114343	40.00	NG	98
58)	Phenanthrene		22.54	178.0	3717	1.07	NG	95
61)	Di-n-butylphthalate		24.79	149.0	48635	8.93	NG	97
62)	Fluoranthene		26.25	202.0	9723	2.54	NG	99
63)	*Chrysene-d12		30.76	240.0	103540	40.00	NG	97
64)	Pyrene		26.90	202.0	8252	2.12	NG	97
65)	Terphenyl-d14	(S)	27.67	244.0	285600	115.07	NG	87
69)	bis(2-Ethylhexyl)phthalate		31.35	149.0	5886	1.68	NG	94
70)	Chrysene		30.82	228.0	4344	1.49	NG	92
71)	*Perylene-d12		34.90	264.0	96705	40.00	NG	95
73)	Benzo(b)fluoranthene		33.87	252.0	5243	1.55	NG	94
74)	Benzo(k)fluoranthene		33.93	252.0	2707M	1.14	NG	94
75)	Benzo(a)pyrene		34.72	252.0	2947	1.09	NG	95

* Compound is ISTD

(9)

REFERENCE STANDARD SPECTRUM



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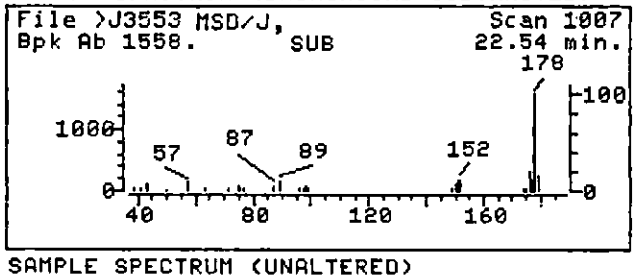

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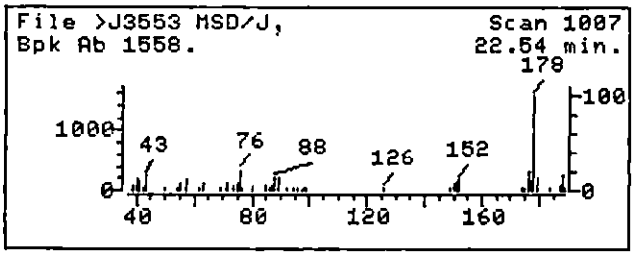
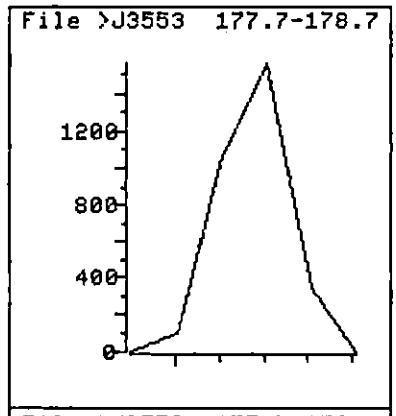
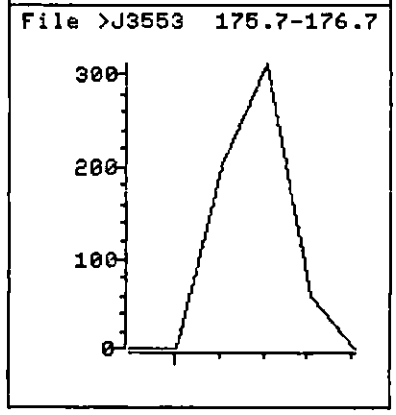


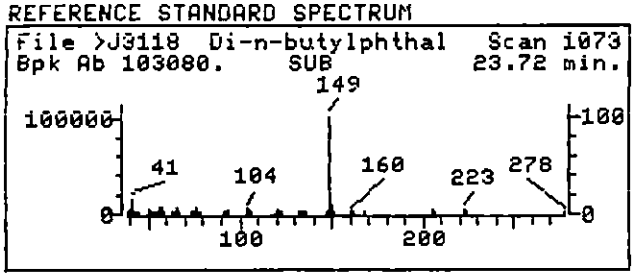




Data File: >J3553::J4 Quant Output File: ^J3553::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-01,S,30.00,0.5,1,SD-1, BTL# 4
Quant Time: 940819 18:54 Quant ID File: IDJB90::N8
Injected at: 940819 18:13 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 58
Compound Name : Phenanthrene
Scan Number : 1007
Retention Time: 22.54 min.
Quant Ion : 178.0
Area : 3717
Concentration : 1.07 NG
q-value : 95

REFERENCE STANDARD SPECTRUM



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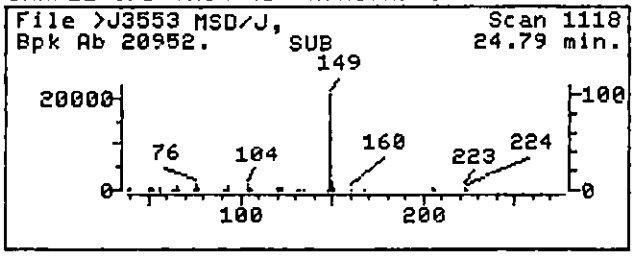

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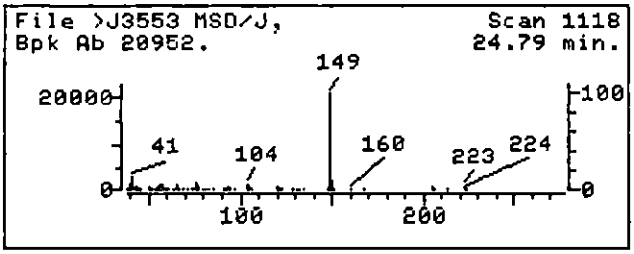
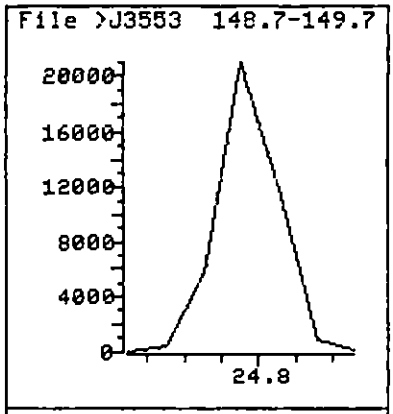
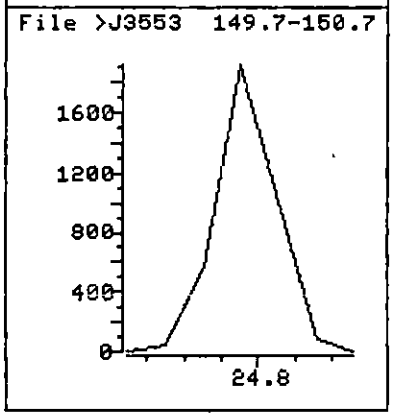


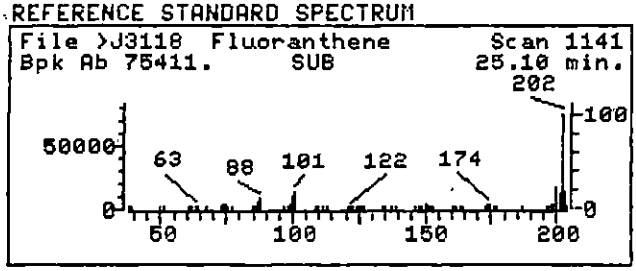




Data File: >J3553::J4 Quant Output File: ^J3553::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-01,S,30.00,0.5,1,SD-1, BTL# 4
Quant Time: 940819 18:54 Quant ID File: IDJB90::N8
Injected at: 940819 18:13 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 61
Compound Name : Di-n-butylphthalate
Scan Number : 1118
Retention Time: 24.79 min.
Quant Ion : 149.0
Area : 48635
Concentration : 8.93 NG
q-value : 97

REFERENCE STANDARD SPECTRUM



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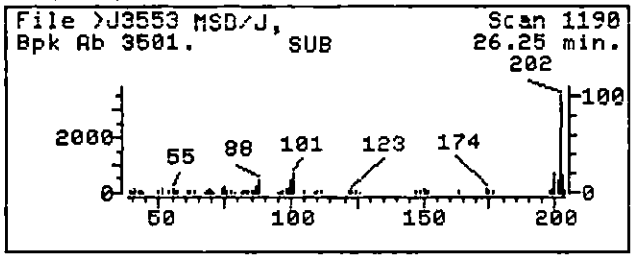

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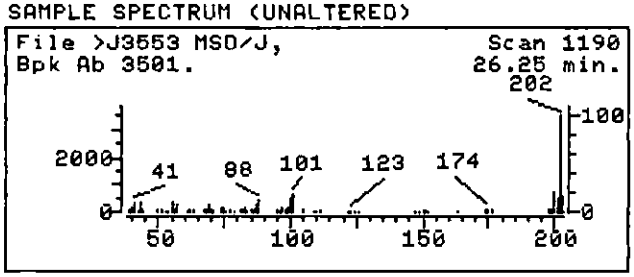
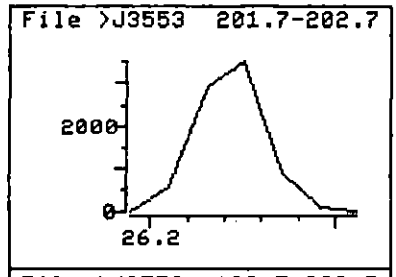
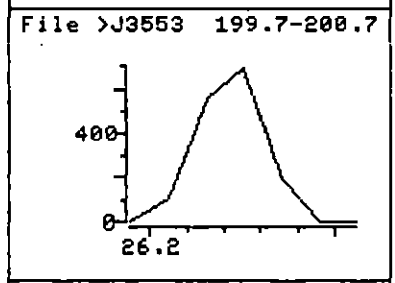
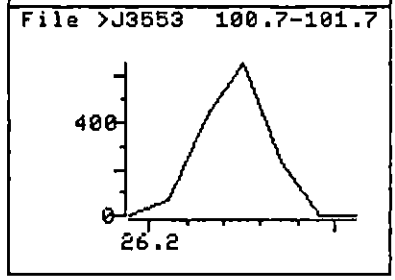




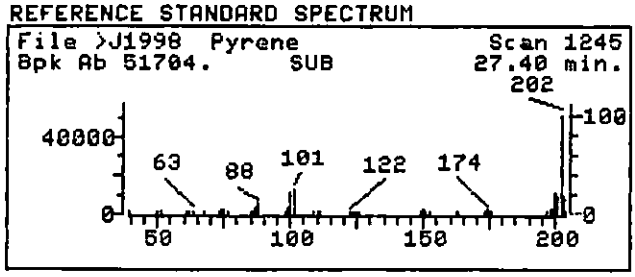




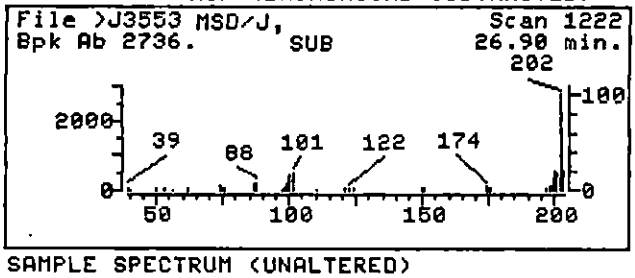
Data File: >J3553::J4 Quant Output File: ^J3553::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-01,S,30.00,0.5,1,SD-1, BTL# 4
Quant Time: 940819 18:54 Quant ID File: IDJB90::N8
Injected at: 940819 18:13 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 62
Compound Name : Fluoranthene
Scan Number : 1190
Retention Time: 26.25 min.
Quant Ion : 202.0
Area : 9723
Concentration : 2.54 NG
q-value : 99

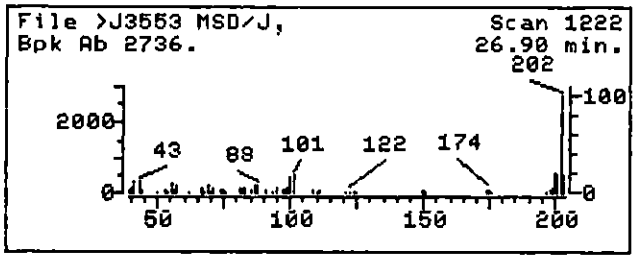
REFERENCE STANDARD SPECTRUM

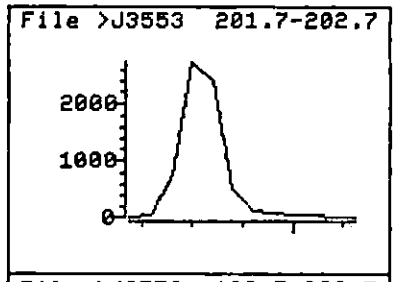


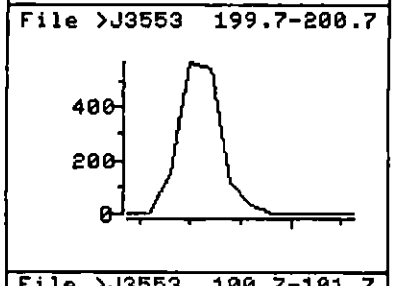
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

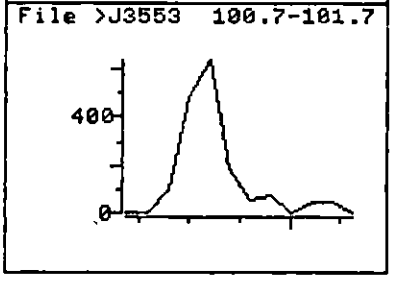


SAMPLE SPECTRUM (UNALTERED)





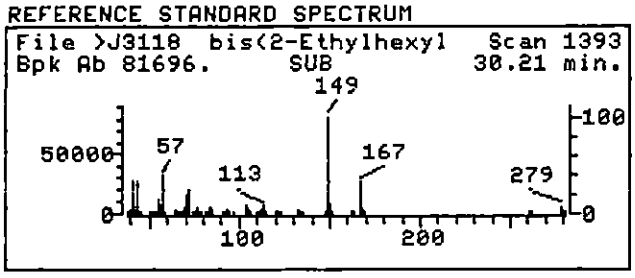




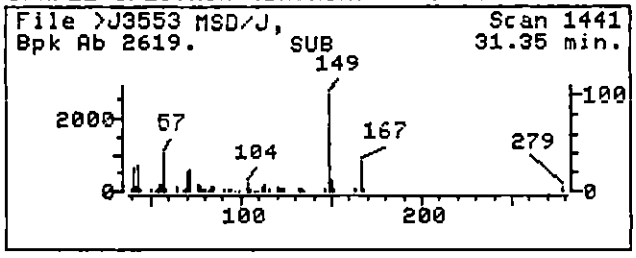
Data File: >J3553::J4 Quant Output File: ^J3553::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-01,S,30.00,0.5,1,SD-1, BTL# 4
Quant Time: 940819 18:54 Quant ID File: IDJB90::N8
Injected at: 940819 18:13 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 64
Compound Name : Pyrene
Scan Number : 1222
Retention Time: 26.90 min.
Quant Ion : 202.0
Area : 8252
Concentration : 2.12 NG
q-value : 97

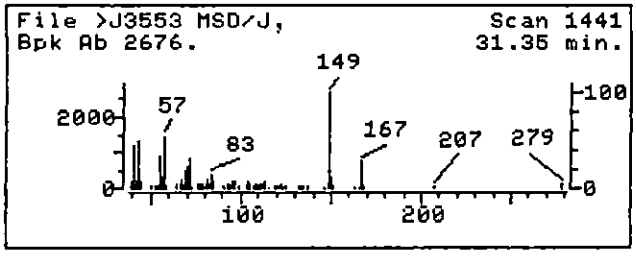
REFERENCE STANDARD SPECTRUM

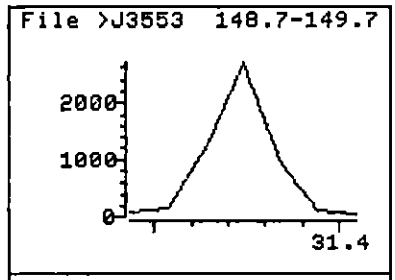


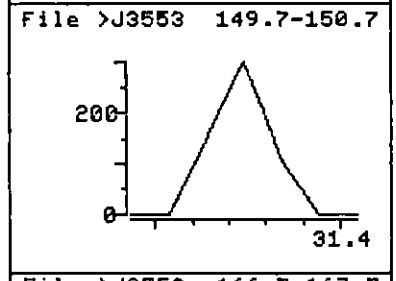
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

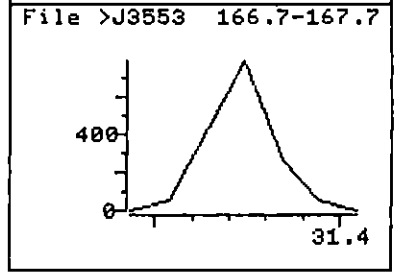


SAMPLE SPECTRUM (UNALTERED)





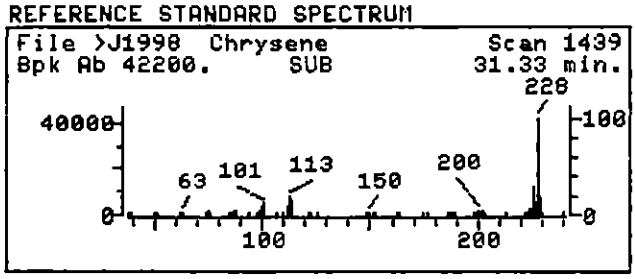




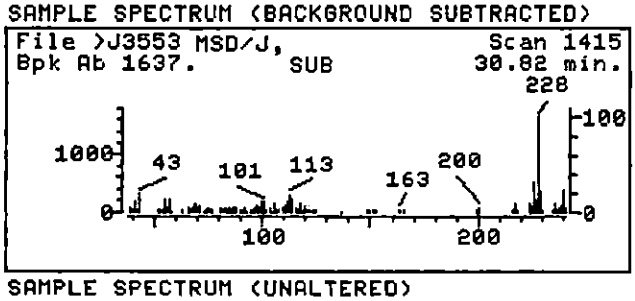
Data File: >J3553::J4 Quant Output File: ^J3553::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-01,S,30.00,0.5,1,SD-1, BTL# 4
Quant Time: 940819 18:54 Quant ID File: IDJB90::N8
Injected at: 940819 18:13 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 69
Compound Name : bis(2-Ethylhexyl)phthalate
Scan Number : 1441
Retention Time: 31.35 min.
Quant Ion : 149.0
Area : 5886
Concentration : 1.68 NG
q-value : 94

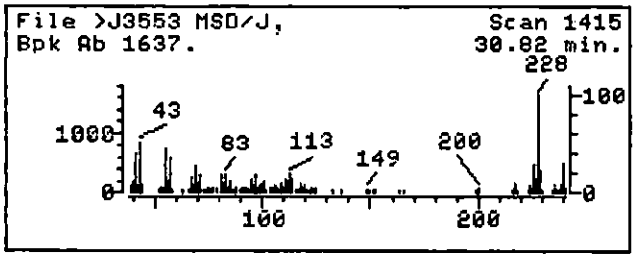
REFERENCE STANDARD SPECTRUM

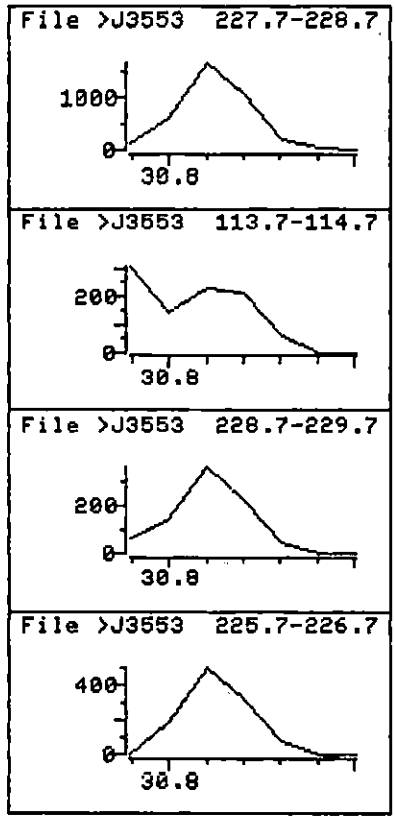


SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

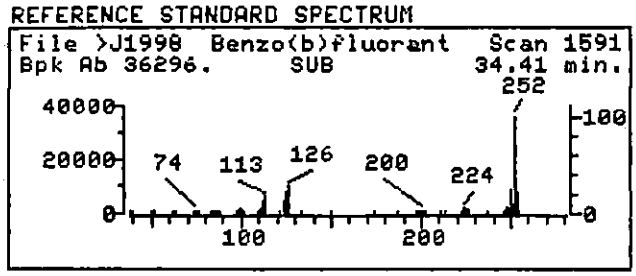




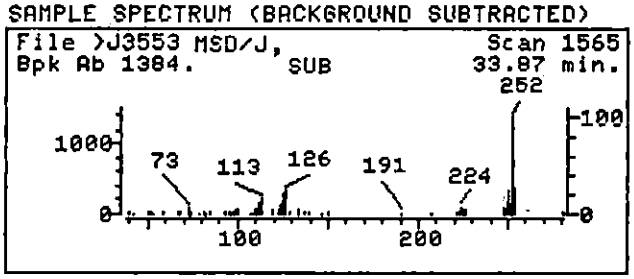
Data File: >J3553::J4 Quant Output File: ^J3553::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-01,S,30.00,0.5,1,SD-1, BTL# 4
Quant Time: 940819 18:54 Quant ID File: IDJB90::N8
Injected at: 940819 18:13 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 70
Compound Name : Chrysene
Scan Number : 1415
Retention Time: 30.82 min.
Quant Ion : 228.0
Area : 4344
Concentration : 1.49 NG
q-value : 92

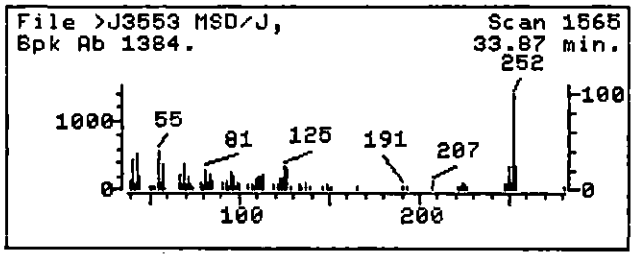
REFERENCE STANDARD SPECTRUM

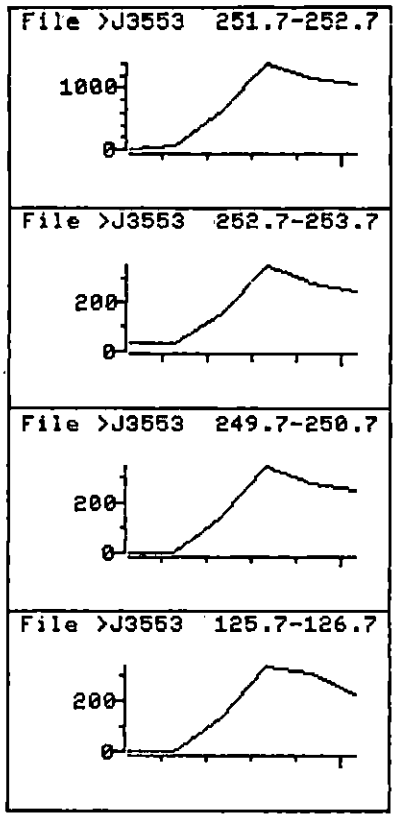


SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

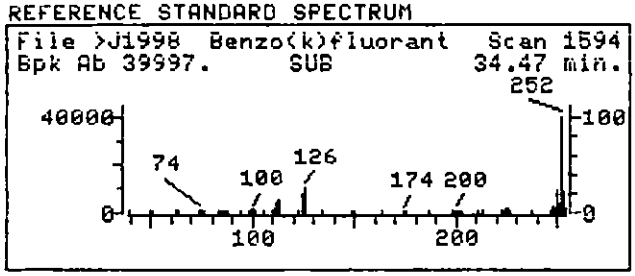




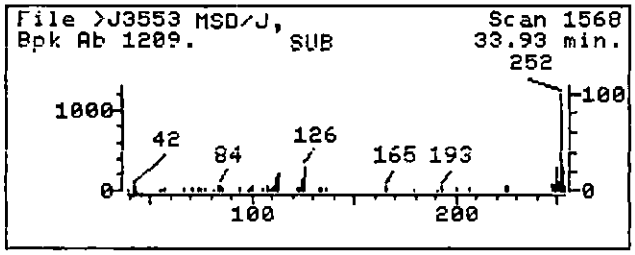
Data File: >J3553::J4 Quant Output File: ^J3553::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-01,S,30.00,0.5,1,SD-1, BTL# 4
Quant Time: 940819 18:54 Quant ID File: IDJB90::N8
Injected at: 940819 18:13 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 73
Compound Name : Benzo(b)fluoranthene
Scan Number : 1565
Retention Time: 33.87 min.
Quant Ion : 252.0
Area : 5243
Concentration : 1.55 NG
q-value : 94

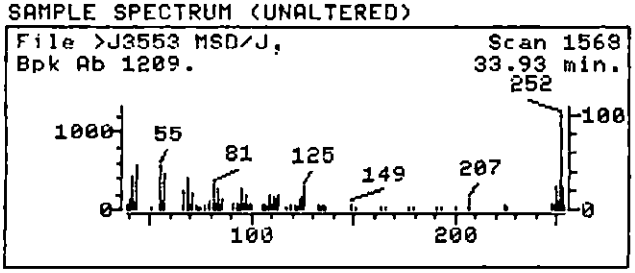
REFERENCE STANDARD SPECTRUM

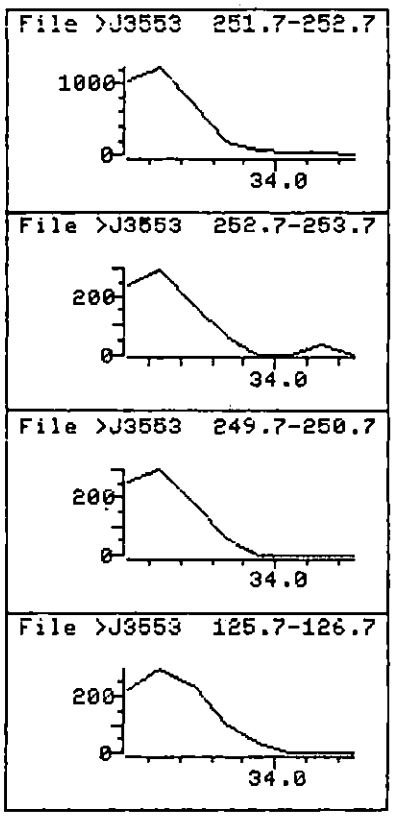


SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

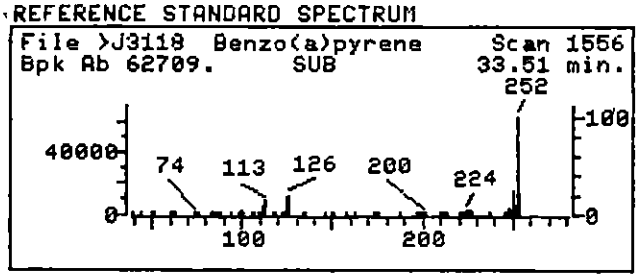




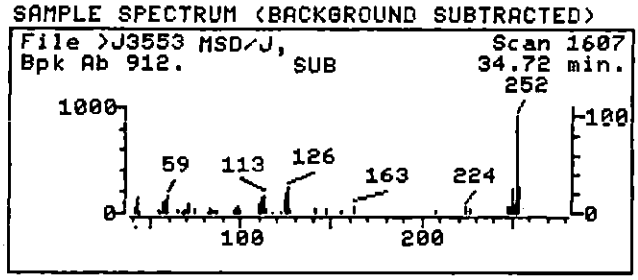
Data File: >J3553::J4 Quant Output File: ^J3553::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-01,S,30.00,0.5,1,SD-1, BTL# 4
Quant Time: 940819 18:54 Quant ID File: IDJB90::N8
Injected at: 940819 18:13 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 74
Compound Name : Benzo(k)fluoranthene
Scan Number : 1568
Retention Time: 33.93 min.
Quant Ion : 252.0
Area : 2707M
Concentration : 1.14 NG
q-value : 94

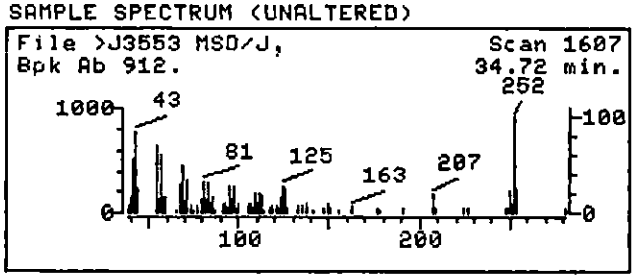
REFERENCE STANDARD SPECTRUM

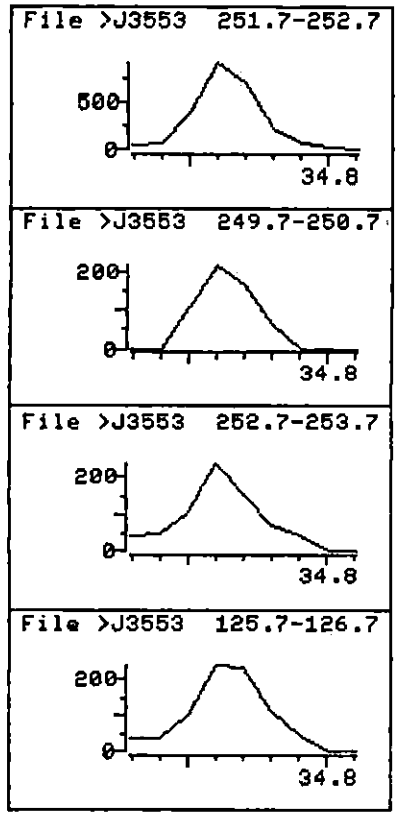


SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

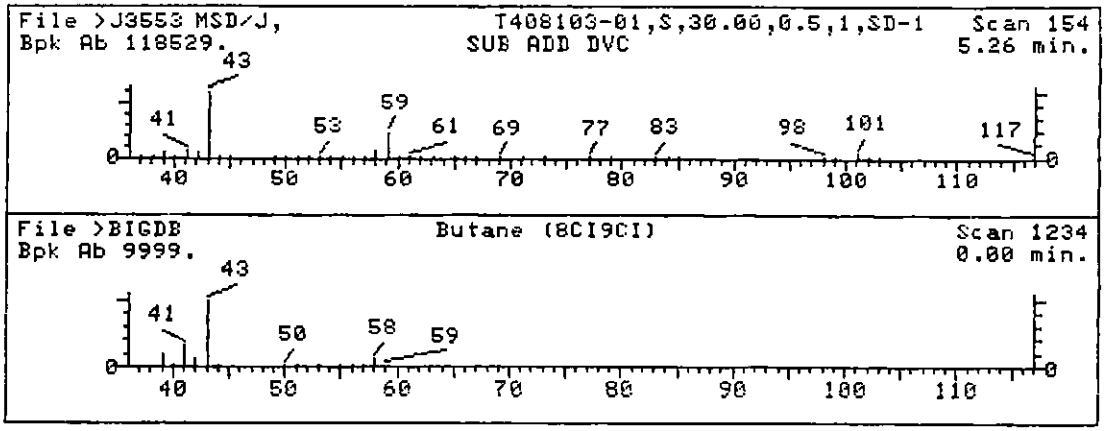




Data File: >J3553::J4 Quant Output File: ^J3553::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-01,S,30.00,0.5,1,SD-1, BTL# 4
Quant Time: 940819 18:54 Quant ID File: IDJB90::N8
Injected at: 940819 18:13 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 75
Compound Name : Benzo(a)pyrene
Scan Number : 1607
Retention Time: 34.72 min.
Quant Ion : 252.0
Area : 2947
Concentration : 1.09 NG
q-value : 95

Intrument ID : MSD/J,, Analysis Date : 8/19/94 18:13



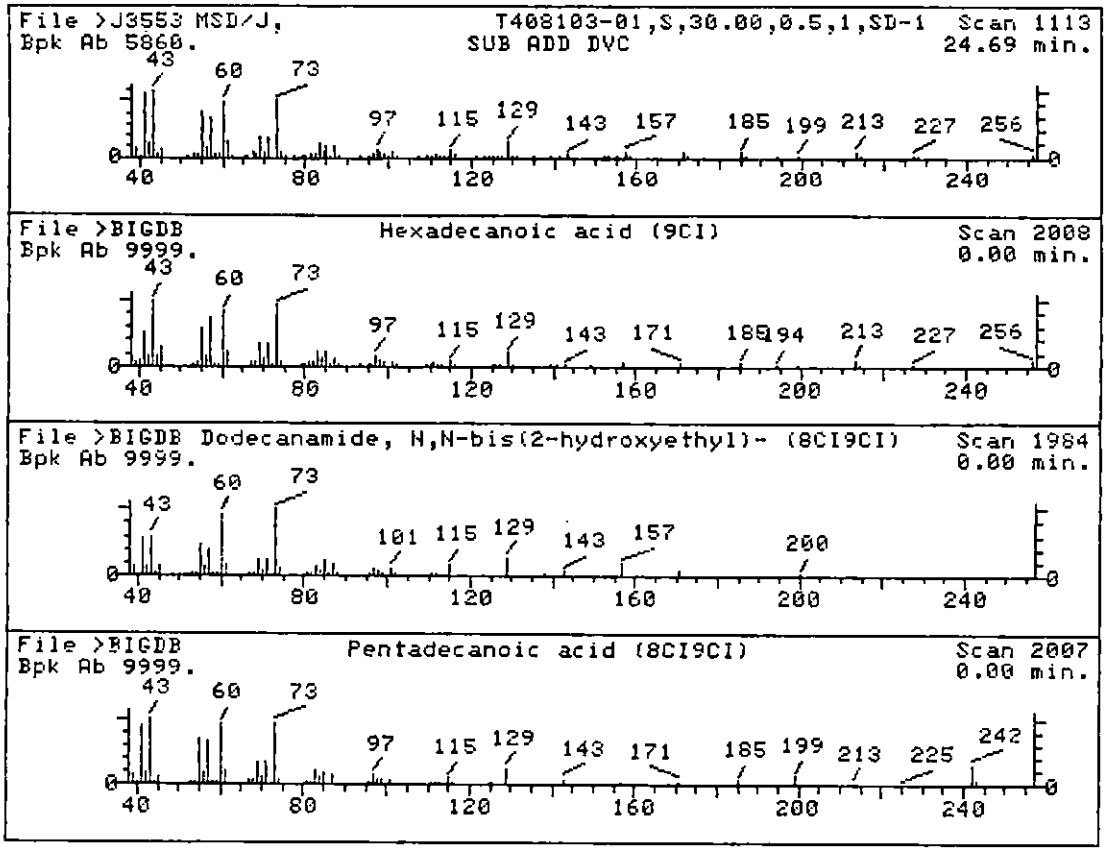
. UNKNOWN #,1
AREA = .10E+08 TENTATIVE CONCENTRATION IS 620.00

1. Butane (8CI9CI) 58 C4H10

Sample file: >J3553 Spectrum #: 154
Search speed: 1 Tilting option: N No. of ion ranges searched: 40

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	11*	106978	1234	"BIGDB	22	57	1	0	57	61	2	14

Intrument ID : MSD/J,, Analysis Date : 8/19/94 18:13



. UNKNOWN #,3
AREA = 145001.0 TENTATIVE CONCENTRATION IS 10.00

1.	Hexadecanoic acid (9CI)	256 C16H32O2
2.	Dodecanamide, N,N-bis(2-hydroxyethyl)- (8CI9CI)	287 C16H33NO3
3.	Pentadecanoic acid (8CI9CI)	242 C15H30O2
4.	Glycine, N-methyl-N-(1-oxododecyl)- (9CI)	271 C15H29NO3
5.	Tetradecanoic acid (9CI)	228 C14H28O2

Sample file: >J3553 Spectrum #: 1113
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	86*	57103	2008	"BIGDB	90	61	1	0	70	17	50	89
2.	68	120401	1984	"BIGDB	98	55	1	0	64	22	30	59
3.	67	1002842	2007	"BIGDB	94	56	2	0	87	12	34	28
4.	64	97789	1972	"BIGDB	91	59	1	0	85	22	28	49
5.	63	544638	2005	"BIGDB	101	45	2	0	77	16	30	35

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SD-2

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: T408103-02

Sample wt/vol: 30.00 [g/mL] G Lab File ID: >J3554

Level: [low/med] LOW Date Received: 08/09/94

% Moisture: 8.0 decanted (Y/N) Date Extracted: 08/11/94

Concentrated Extract Volume: 500 uL Date Analyzed: 08/19/94

Injection Volume: 2 uL Dilution Factor: 1

GPC Cleanup: [Y/N] Y pH: 7.88

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-8	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	910	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	910	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U
99-09-2	3-Nitroaniline	910	U
83-32-9	Acenaphthene	360	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SD-2

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: T408103-02

Sample wt/vol: 30.00 [g/mL] G Lab File ID: >J3554

Level: [low/med] LOW Date Received: 08/09/94

% Moisture: 8.0 decanted (Y/N) Date Extracted: 08/11/94

Concentrated Extract Volume: 500 uL Date Analyzed: 08/19/94

Injection Volume: 2 uL Dilution Factor: 1

GPC Cleanup: [Y/N] Y pH: 7.88

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
51-28-5	2,4-Dinitrophenol	910	U
100-02-7	4-Nitrophenol	910	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-73-7	Diethylphthalate	18	J
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	910	U
534-52-1	4,6-Dinitro-2-methylphenol	910	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	910	U
85-01-8	Phenanthrene	85	J
120-12-7	Anthracene	360	U
86-74-8	Carbazole	360	U
84-74-2	Di-n-butylphthalate	310	JB
206-44-0	Fluoranthene	150	J
129-00-0	Pyrene	120	J
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	49	J
218-01-9	Chrysene	84	J
117-81-7	bis(2-Ethylhexyl)phthalate	110	JB
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	72	J
207-08-9	Benzo(k)fluoranthene	55	J
50-32-8	Benzo(a)pyrene	59	J
193-39-5	Indeno(1,2,3-cd)pyrene	53	J
53-70-3	Dibenz(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	28	J

SADF: 36.23 FORM I-CLP-SV-2 Total Hit(s): 13

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.: SD-2

Lab Name: LRI Contract:

Lab Code: LRI Case No. 08103 SAS No.: SDG No.: 810301

Matrix: (soil/water) SOIL Lab Sample ID: T408103-02

Sample wt/vol: 30.00 (g/mL) G Lab File ID: >J3554

Level: (low/med) LOW Date Received: 08/09/94

% Moisture: 8.0 decanted. (Y/N) N Date Extracted: 08/11/94

Concentrated Extract Volume: 500 (ul) Date Analyzed: 08/19/94

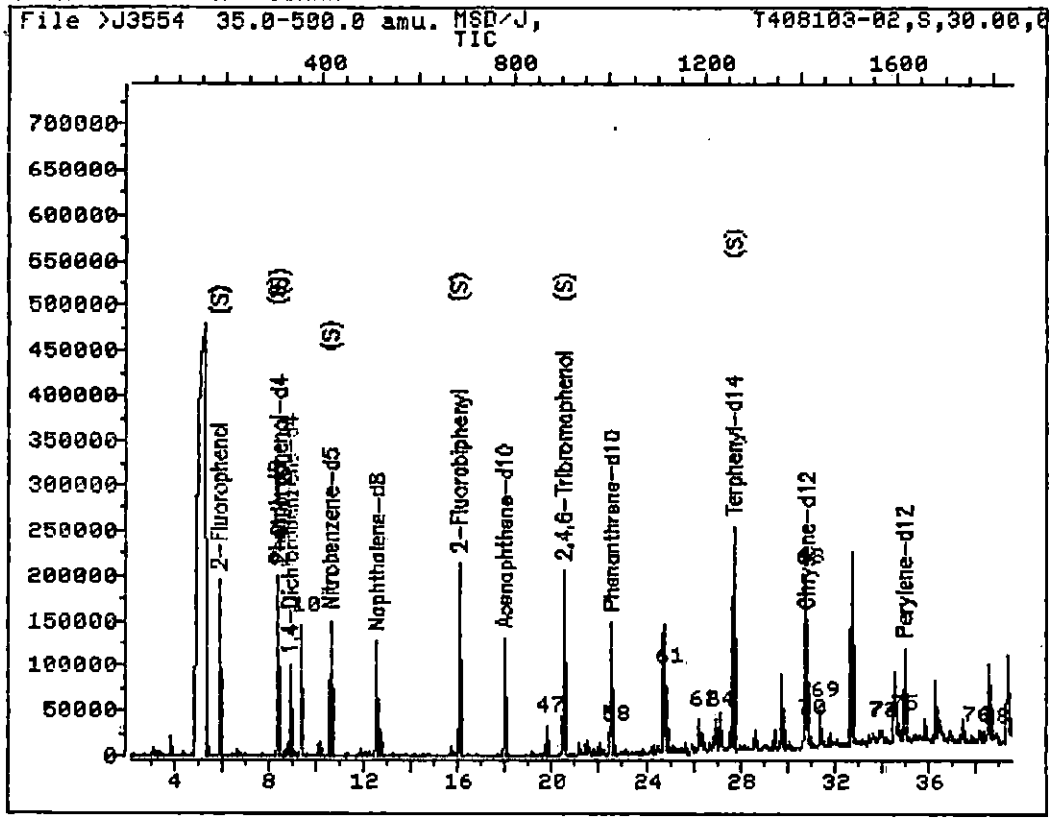
Injection Volume: 2 (ul) Diluton Factor: 1

GPC Cleanup: (Y/N) Y pH: 7.88

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	- -	Aldol Condensation (B)	5.34	13000.	JAB
2.	- -	Unknown (B)	24.72	400.	J
3.	- -	Unknown	27.13	140.	J
4.	- -	Unknown	29.76	240.	J
5.	- -	Unknown	32.71	720.	J
6.	- -	Unknown Alkane	34.50	250.	J
7.	- -	Unknown	34.56	180.	J
8.	- -	Unknown Alkane	36.24	200.	J
9.	- -	Unknown (B)	36.34	140.	J
10.	- -	Unknown	38.56	270.	J
11.	- -	Unknown	39.36	650.	J

TOTAL ION CHROMATOGRAM



Data File: >J3554::J4 Quant Output File: ^J3554::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-02,S,30.00,0.5,1,SD-2, BTL# 5

Id File: IDJB90::N8
Title: CLP SEMI-VOLATILE ID FILE
Last Calibration: 940810 16:29 Last Qcal Time: 940819 16:31

Operator ID: BNA3
Quant Time : 940819 19:46
Injected at: 940819 19:05

Operator ID: BNA3 Quant Rev: 7 Quant Time: 940819 19:46
Output File: ^J3554::QQ Injected at: 940819 19:05
Data File: >J3554::J4 Dilution Factor: 1.00000
Name: MSD/J, Instrument ID: J
Misc: T408103-02,S,30.00,0.5,1,SD-2, BTL# 5

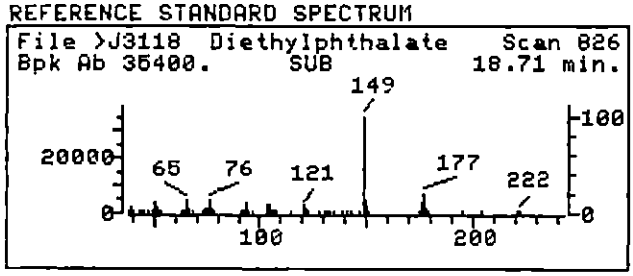
ID File: IDJB90::N8
Title: CLP SEMI-VOLATILE ID FILE
Last Calibration: 940810 16:29 Last Qcal Time: 940819 16:31

	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4		8.87	152.0	30283	40.00	NG	98
2)	2-Fluorophenol	(S)	5.87	112.0	81094	93.94	NG	90
3)	Phenol-d5	(S)	8.34	99.0	150943	113.72	NG	90
5)	2-Chlorophenol-d4	(S)	8.40	132.0	99475	105.78	NG	75
10)	1,2-Dichlorobenzene-d4	(S)	9.37	152.0	45500	66.09	NG	96
17)	*Naphthalene-d8		12.53	136.0	116132	40.00	NG	94
18)	Nitrobenzene-d5	(S)	10.55	82.0	105091	80.83	NG	89
31)	*Acenaphthene-d10		17.94	164.0	78097	40.00	NG	94
36)	2-Fluorobiphenyl	(S)	16.00	172.0	168459	74.32	NG	94
47)	Diethylphthalate		19.71	149.0	2904	1.01	NG	91
51)	2,4,6-Tribromophenol	(S)	20.46	330.0	56795	127.88	NG	95
52)	*Phenanthrene-d10		22.48	188.0	124173	40.00	NG	99
58)	Phenanthrene		22.55	178.0	17574	4.68	NG	98
61)	Di-n-butylphthalate		24.80	149.0	99994	16.90	NG	98
62)	Fluoranthene		26.24	202.0	34500	8.31	NG	95
63)	*Chrysene-d12		30.78	240.0	118757	40.00	NG	96
64)	Pyrene		26.91	202.0	29251	6.55	NG	96
65)	Terphenyl-d14	(S)	27.66	244.0	287322	100.93	NG	88
68)	Benzo(a)anthracene		30.71	228.0	10527	2.71	NG	96
69)	bis(2-Ethylhexyl)phthalate		31.35	149.0	25349	6.30	NG	95
70)	Chrysene		30.84	228.0	15541	4.65	NG	97
71)	*Perylene-d12		34.91	264.0	113236	40.00	NG	95
73)	Benzo(b)fluoranthene		33.87	252.0	15651	3.96	NG	95
74)	Benzo(k)fluoranthene		33.93	252.0	8478M	3.05	NG	95
75)	Benzo(a)pyrene		34.73	252.0	10232	3.23	NG	97
76)	Indeno(1,2,3-cd)pyrene		37.83	276.0	7728	2.91	NG	80
78)	Benzo(g,h,i)perylene		38.66	276.0	4062	1.52	NG	95

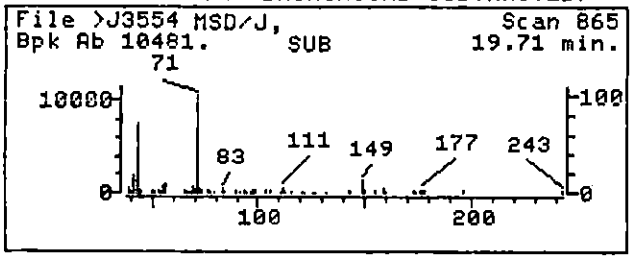
* Compound is ISTD

13
AF

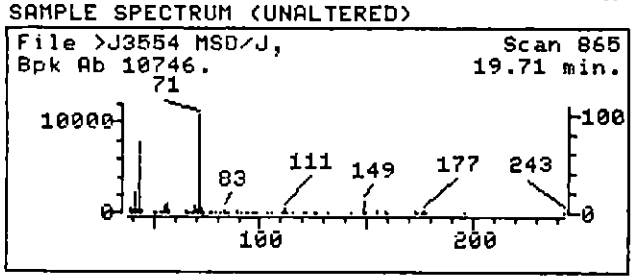
REFERENCE STANDARD SPECTRUM

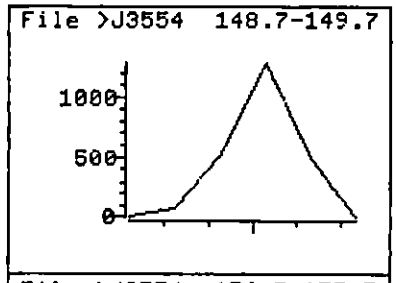


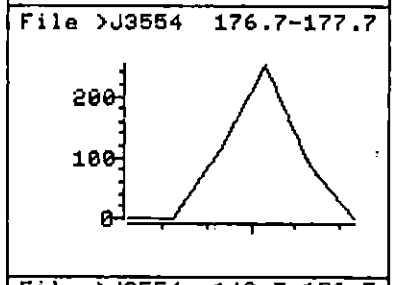
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

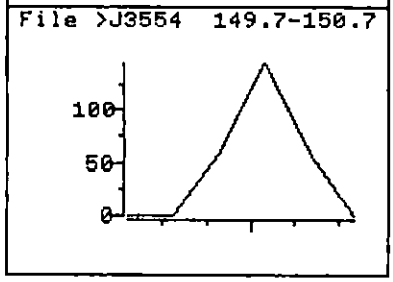


SAMPLE SPECTRUM (UNALTERED)





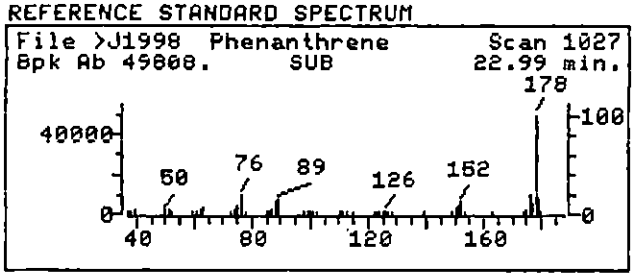




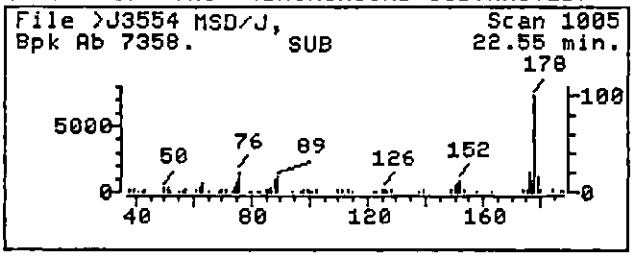
Data File: >J3554::J4 Quant Output File: ^J3554::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-02,S,30.00,0.5,1,SD-2, BTL# 5
Quant Time: 940819 19:46 Quant ID File: IDJB90::N8
Injected at: 940819 19:05 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 47
Compound Name : Diethylphthalate
Scan Number : 865
Retention Time: 19.71 min.
Quant Ion : 149.0
Area : 2904
Concentration : 1.01 NG
q-value : 91

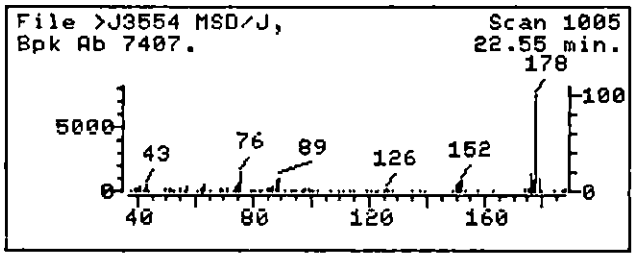
REFERENCE STANDARD SPECTRUM

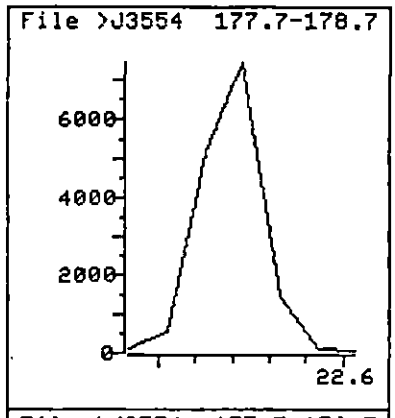


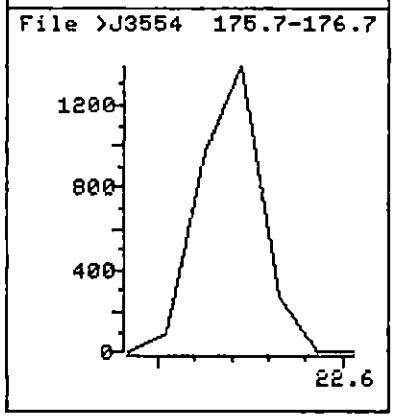
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



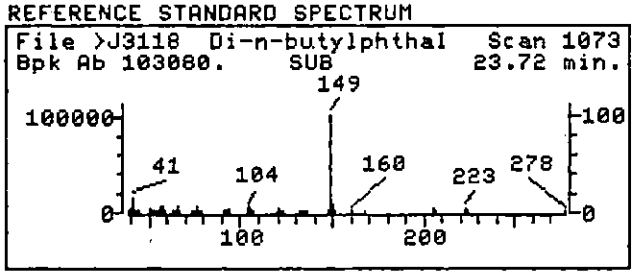




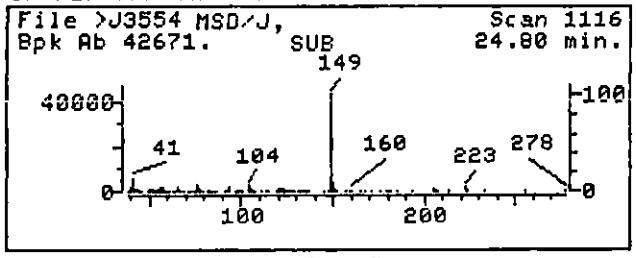
Data File: >J3554::J4 Quant Output File: ^J3554::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-02,S,30.00,0.5,1,SD-2, BTL# 5
Quant Time: 940819 19:46 Quant ID File: IDJB90::N8
Injected at: 940819 19:05 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 58
Compound Name : Phenanthrene
Scan Number : 1005
Retention Time: 22.55 min.
Quant Ion : 178.0
Area : 17574
Concentration : 4.68 NG
q-value : 98

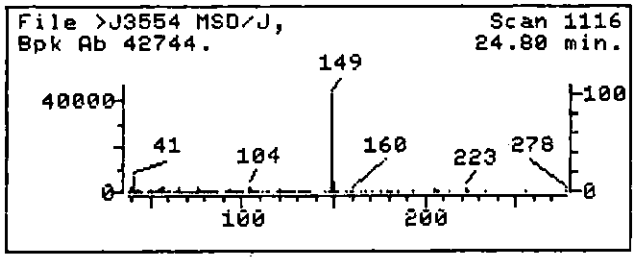
REFERENCE STANDARD SPECTRUM

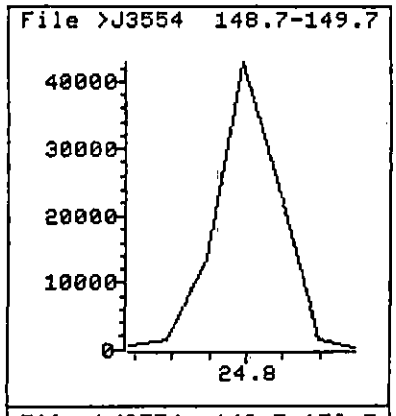


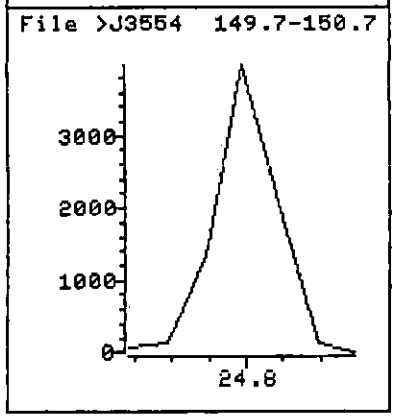
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



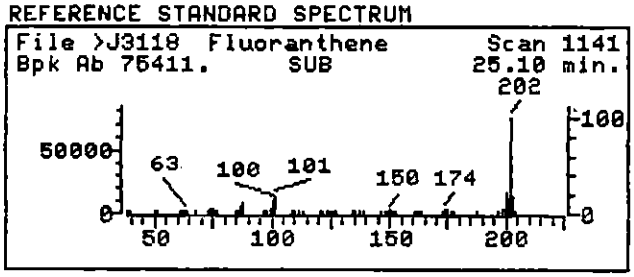




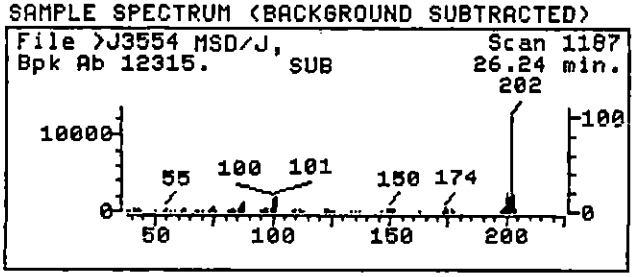
Data File: >J3554::J4 Quant Output File: ^J3554::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-02,S,30.00,0.5,1,SD-2, BTL# 5
Quant Time: 940819 19:46 Quant ID File: IDJB90::N8
Injected at: 940819 19:05 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 61
Compound Name : Di-n-butylphthalate
Scan Number : 1116
Retention Time: 24.80 min.
Quant Ion : 149.0
Area : 99994
Concentration : 16.90 NG
q-value : 98

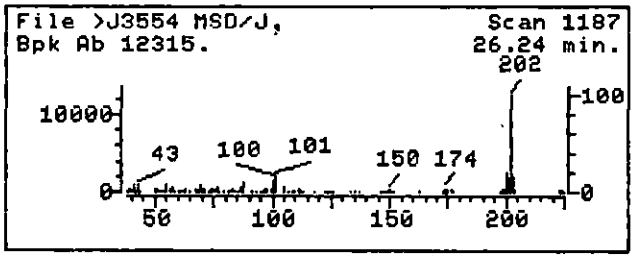
REFERENCE STANDARD SPECTRUM

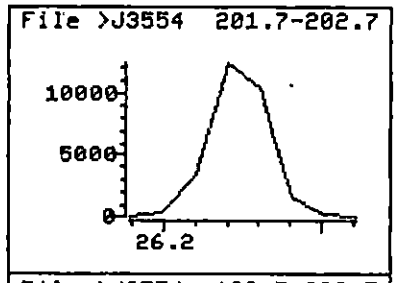


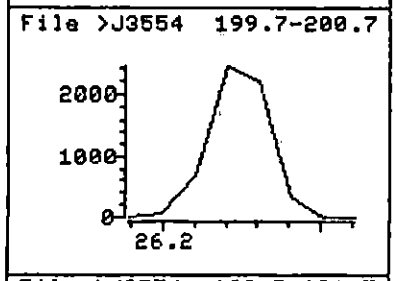
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

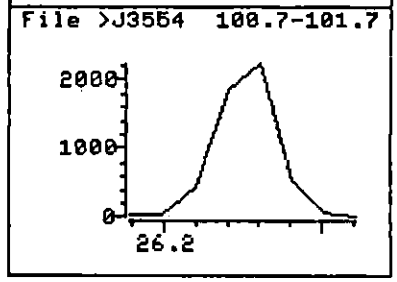


SAMPLE SPECTRUM (UNALTERED)





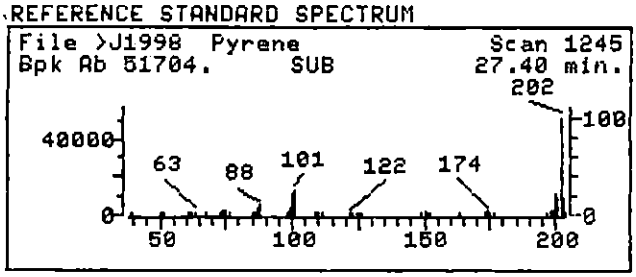




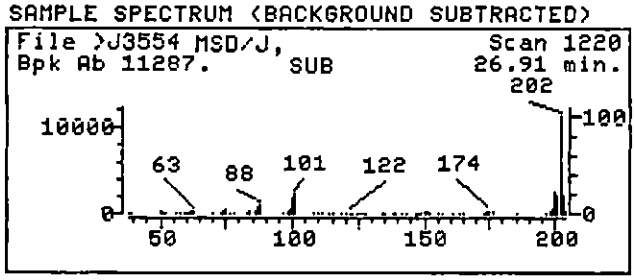
Data File: >J3554::J4 Quant Output File: ^J3554::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-02,S,30.00,0.5,1,SD-2, BTL# 5
Quant Time: 940819 19:46 Quant ID File: IDJB90::N8
Injected at: 940819 19:05 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 62
Compound Name : Fluoranthene
Scan Number : 1187
Retention Time: 26.24 min.
Quant Ion : 202.0
Area : 34500
Concentration : 8.31 NG
q-value : 95

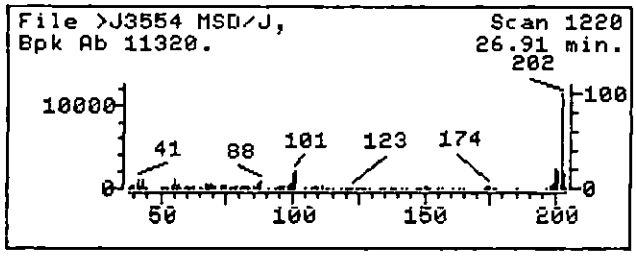
REFERENCE STANDARD SPECTRUM

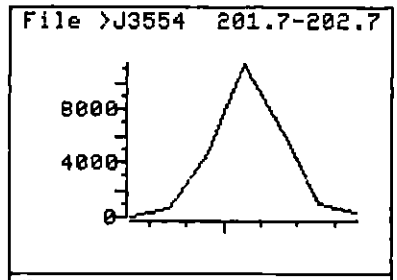


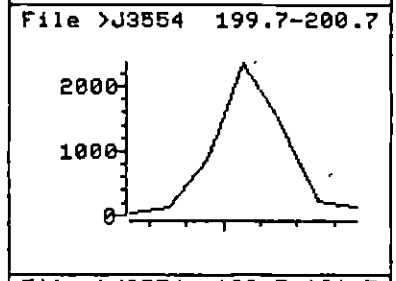
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

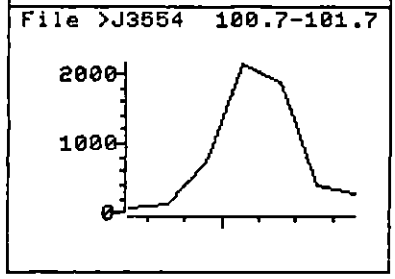


SAMPLE SPECTRUM (UNALTERED)





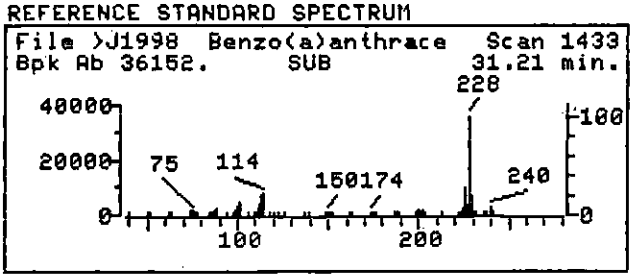




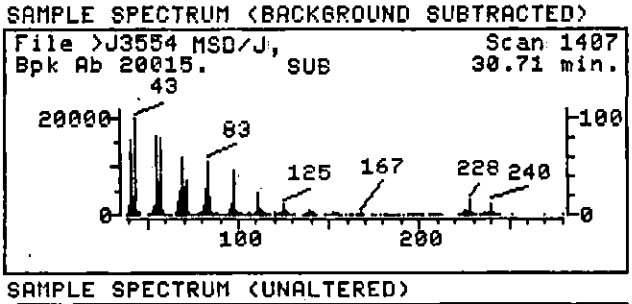
Data File: >J3554::J4 Quant Output File: ^J3554::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-02,S,30.00,0.5,1,SD-2, BTL# 5
Quant Time: 940819 19:46 Quant ID File: IDJB90::N8
Injected at: 940819 19:05 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 64
Compound Name : Pyrene
Scan Number : 1220
Retention Time: 26.91 min.
Quant Ion : 202.0
Area : 29251
Concentration : 6.55 NG
q-value : 96

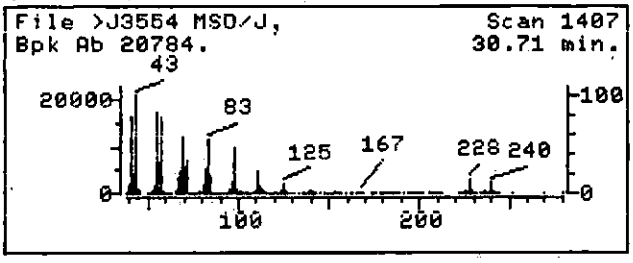
REFERENCE STANDARD SPECTRUM

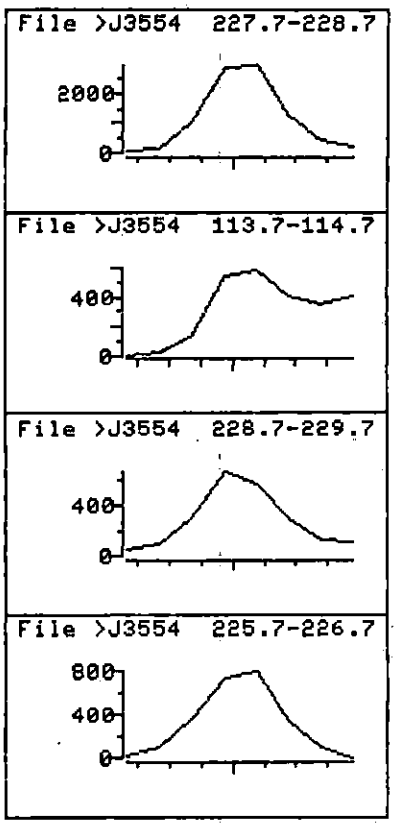


SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

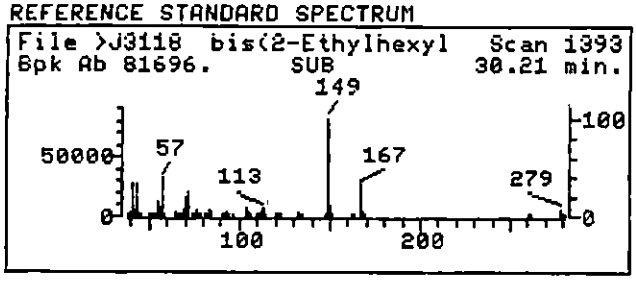




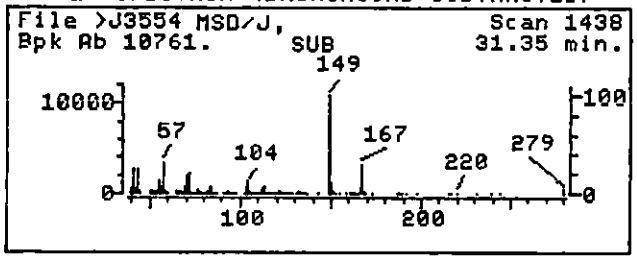
Data File: >J3554::J4 Quant Output File: ^J3554::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-02,S,30.00,0.5,1,SD-2, BTL# 5
Quant Time: 940819 19:46 Quant ID File: IDJB90::N8
Injected at: 940819 19:05 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 68
Compound Name : Benzo(a)anthracene
Scan Number : 1407
Retention Time: 30.71 min.
Quant Ion : 228.0
Area : 10527
Concentration : 2.71 NG
q-value : 96

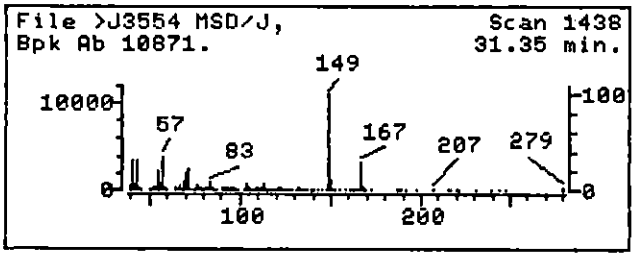
REFERENCE STANDARD SPECTRUM

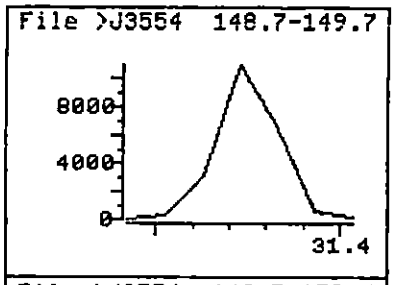


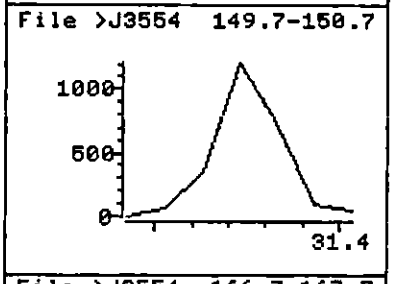
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

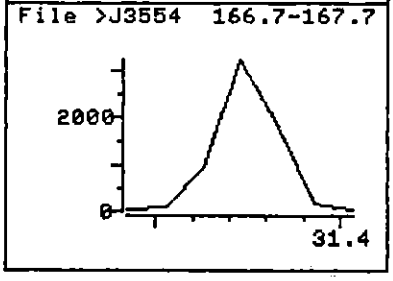


SAMPLE SPECTRUM (UNALTERED)





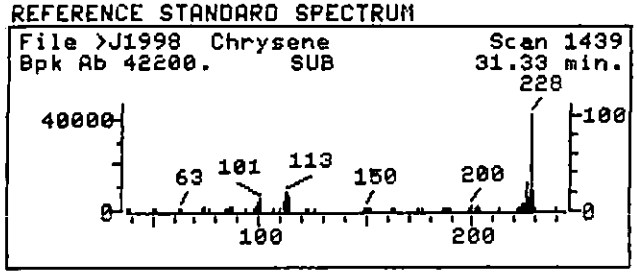




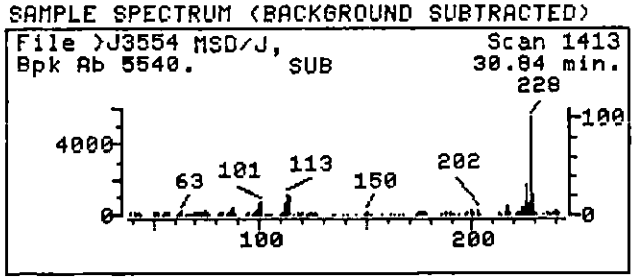
Data File: >J3554::J4 Quant Output File: ^J3554::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-02,S,30.00,0.5,1,SD-2, BTL# 5
Quant Time: 940819 19:46 Quant ID File: IDJB90::N8
Injected at: 940819 19:05 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 69
Compound Name : bis(2-Ethylhexyl)phthalate
Scan Number : 1438
Retention Time: 31.35 min.
Quant Ion : 149.0
Area : 25349
Concentration : 6.30 NG
q-value : 95

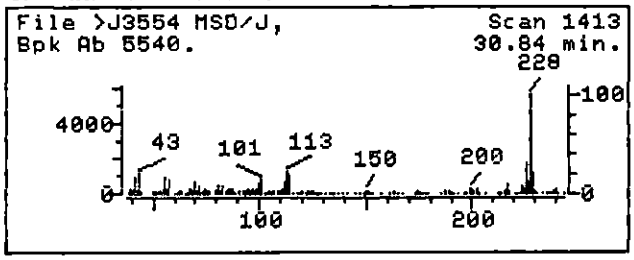
REFERENCE STANDARD SPECTRUM

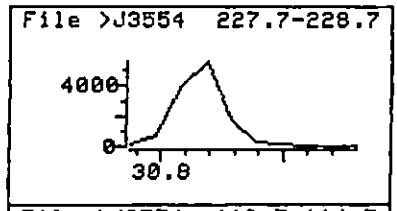


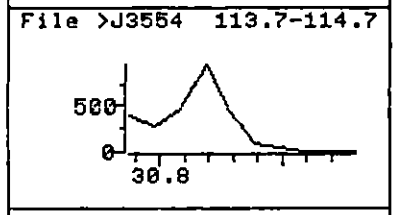
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

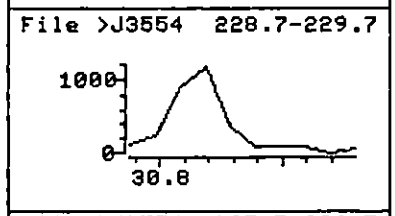


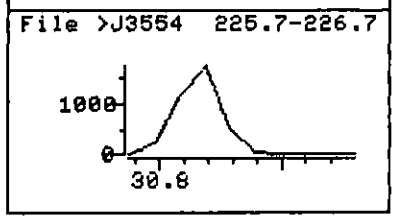
SAMPLE SPECTRUM (UNALTERED)







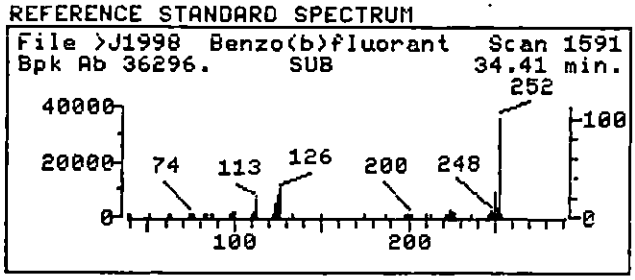




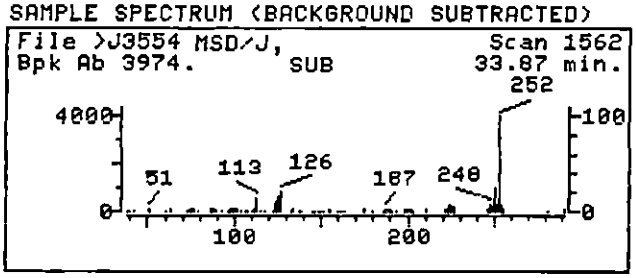
Data File: >J3554::J4 Quant Output File: ^J3554::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-02,S,30.00,0.5,1,SD-2, BTL# 5
Quant Time: 940819 19:46 Quant ID File: IDJB90::N8
Injected at: 940819 19:05 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 70
Compound Name : Chrysene
Scan Number : 1413
Retention Time: 30.84 min.
Quant Ion : 228.0
Area : 15541
Concentration : 4.65 NG
q-value : 97

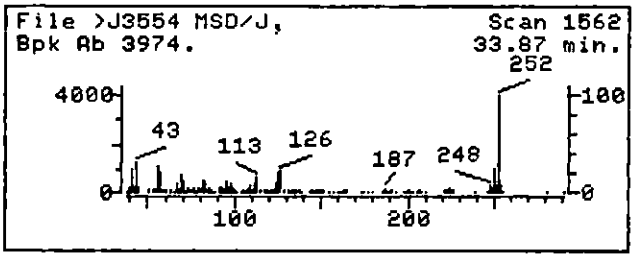
REFERENCE STANDARD SPECTRUM

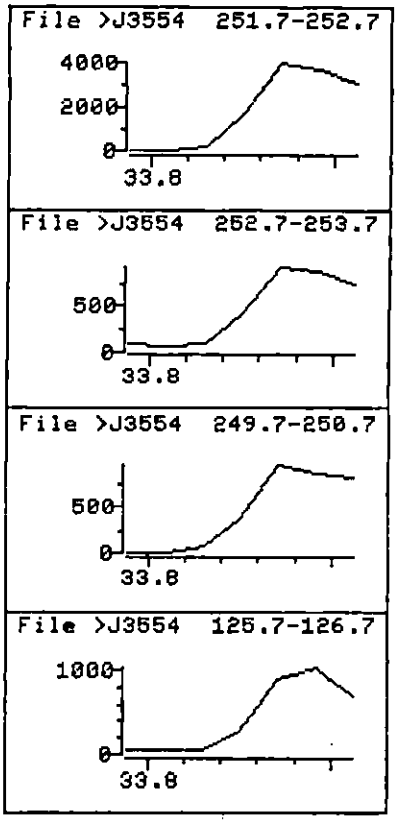


SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

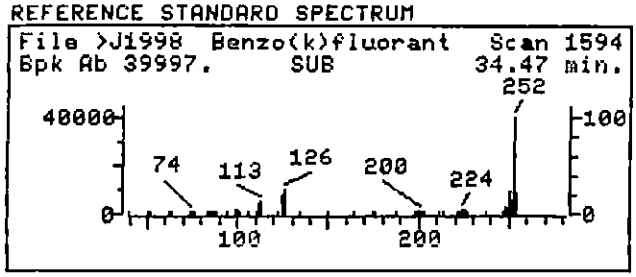




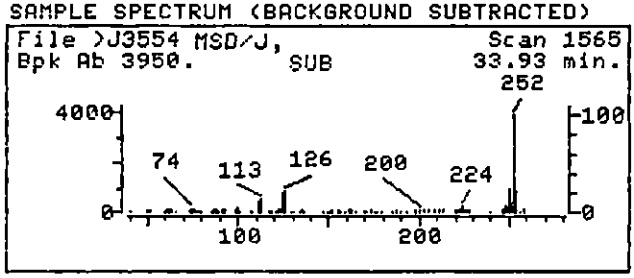
Data File: >J3554::J4 Quant Output File: ^J3554::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-02,S,30.00,0.5,1,SD-2, BTL# 5
Quant Time: 940819 19:46 Quant ID File: IDJB90::N8
Injected at: 940819 19:05 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 73
Compound Name : Benzo(b)fluoranthene
Scan Number : 1562
Retention Time: 33.87 min.
Quant Ion : 252.0
Area : 15651
Concentration : 3.96 NG
q-value : 95

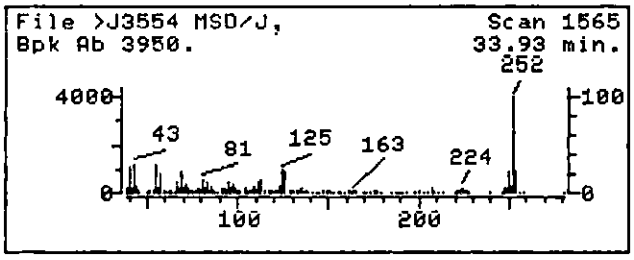
REFERENCE STANDARD SPECTRUM

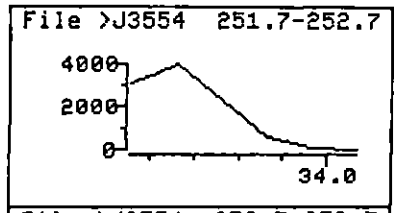


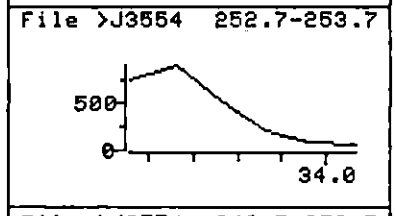
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

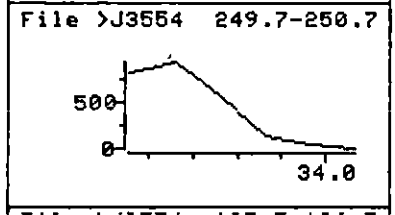


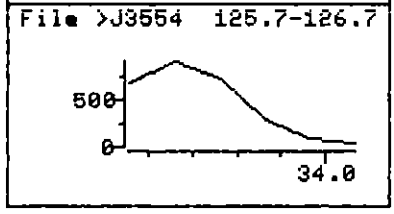
SAMPLE SPECTRUM (UNALTERED)







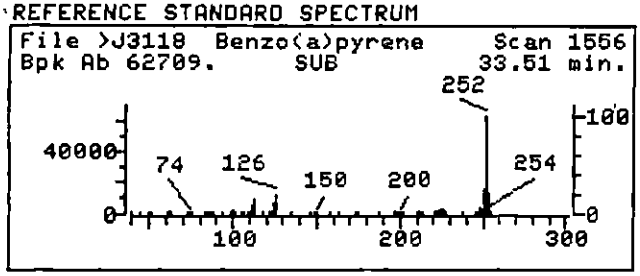




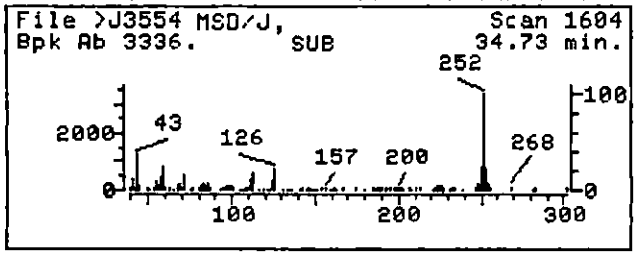
Data File: >J3554::J4 Quant Output File: ^J3554::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-02,S,30.00,0.5,1,SD-2, BTL# 5
Quant Time: 940819 19:46 Quant ID File: IDJB90::N8
Injected at: 940819 19:05 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 74
Compound Name : Benzo(k)fluoranthene
Scan Number : 1565
Retention Time: 33.93 min.
Quant Ion : 252.0
Area : 8478M
Concentration : 3.05 NG
q-value : 95

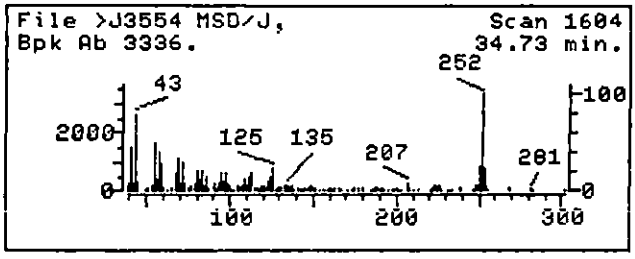
REFERENCE STANDARD SPECTRUM

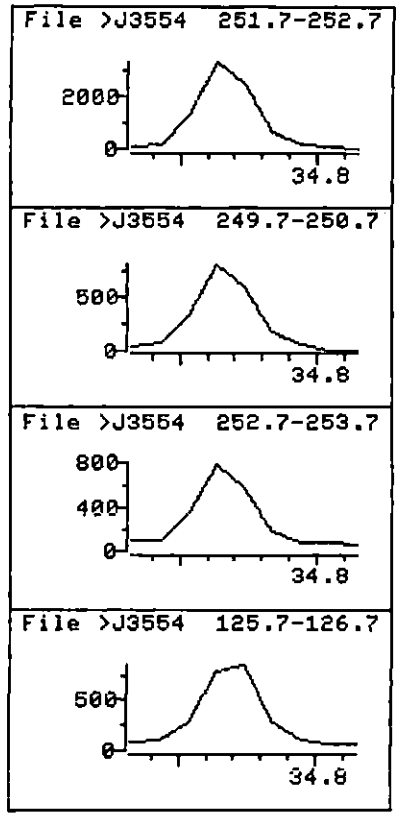


SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

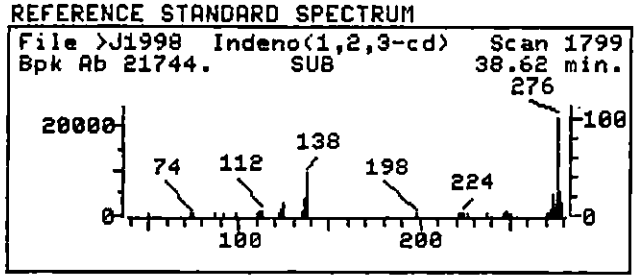




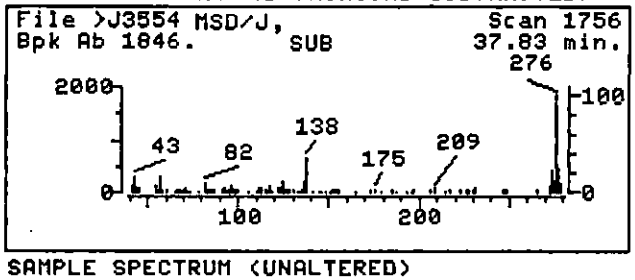
Data File: >J3554::J4 Quant Output File: ^J3554::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-02,S,30.00,0.5,1,SD-2, BTL# 5
Quant Time: 940819 19:46 Quant ID File: IDJB90::N8
Injected at: 940819 19:05 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 75
Compound Name : Benzo(a)pyrene
Scan Number : 1604
Retention Time: 34.73 min.
Quant Ion : 252.0
Area : 10232
Concentration : 3.23 NG
q-value : 97

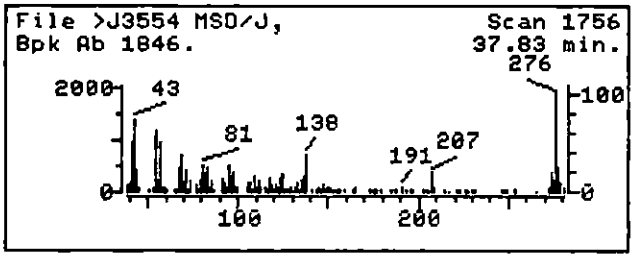
REFERENCE STANDARD SPECTRUM

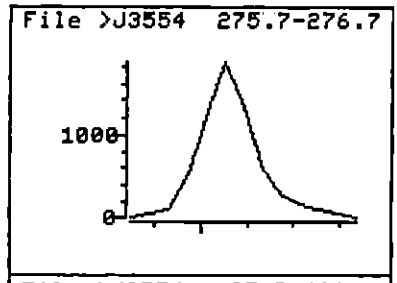


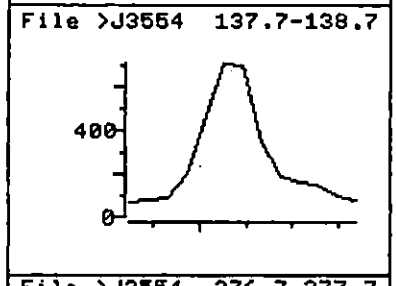
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

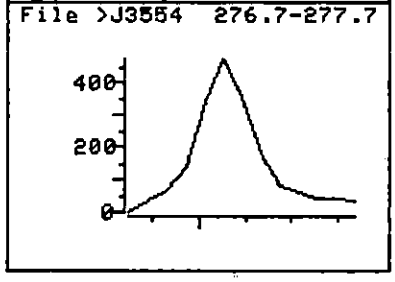


SAMPLE SPECTRUM (UNALTERED)





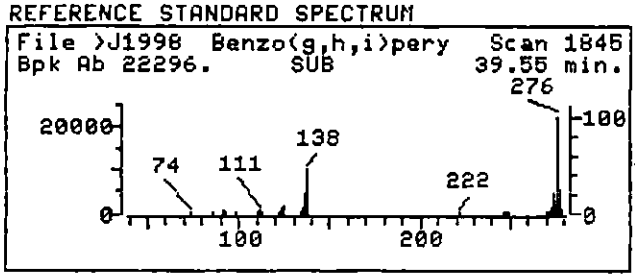




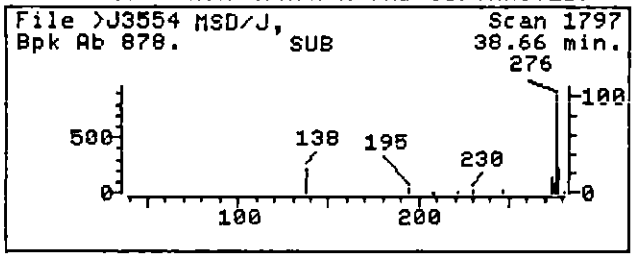
Data File: >J3554::J4 Quant Output File: ^J3554::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-02,S,30.00,0.5,1,SD-2, BTL# 5
Quant Time: 940819 19:46 Quant ID File: IDJB90::N8
Injected at: 940819 19:05 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 76
Compound Name : Indeno(1,2,3-cd)pyrene
Scan Number : 1756
Retention Time: 37.83 min.
Quant Ion : 276.0
Area : 7728
Concentration : 2.91 NG
q-value : 80

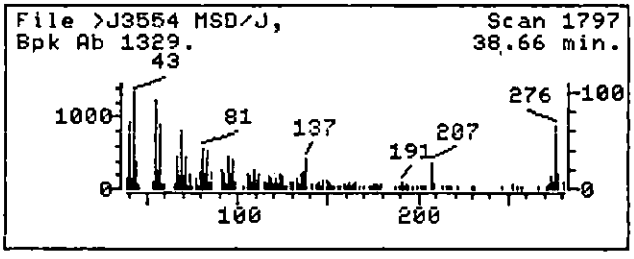
REFERENCE STANDARD SPECTRUM

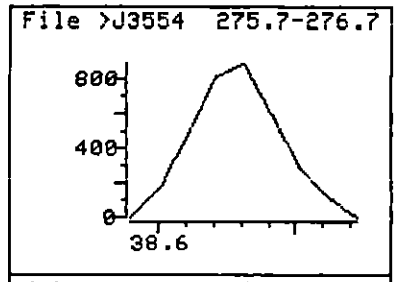


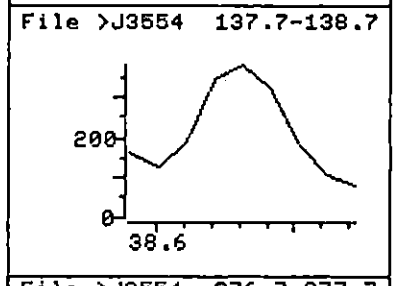
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

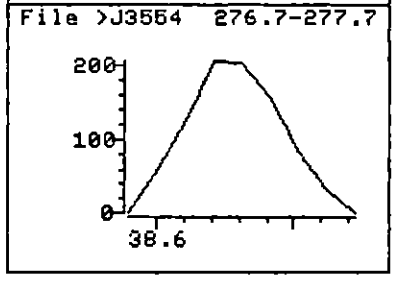


SAMPLE SPECTRUM (UNALTERED)





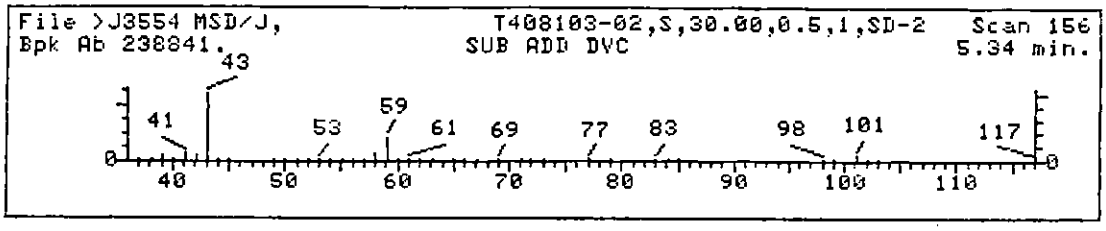




Data File: >J3554::J4 Quant Output File: ^J3554::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-02,S,30.00,0.5,1,SD-2, BTL# 5
Quant Time: 940819 19:46 Quant ID File: IDJB90::N8
Injected at: 940819 19:05 Last Calibration: 940810 16:29
Last Qcal Time: 940819 16:31

Compound No : 78
Compound Name : Benzo(g,h,i)perylene
Scan Number : 1797
Retention Time: 38.66 min.
Quant Ion : 276.0
Area : 4062
Concentration : 1.52 NG
q-value : 95

Intrument ID : MSD/J,, Analysis Date : 8/19/94 19:05



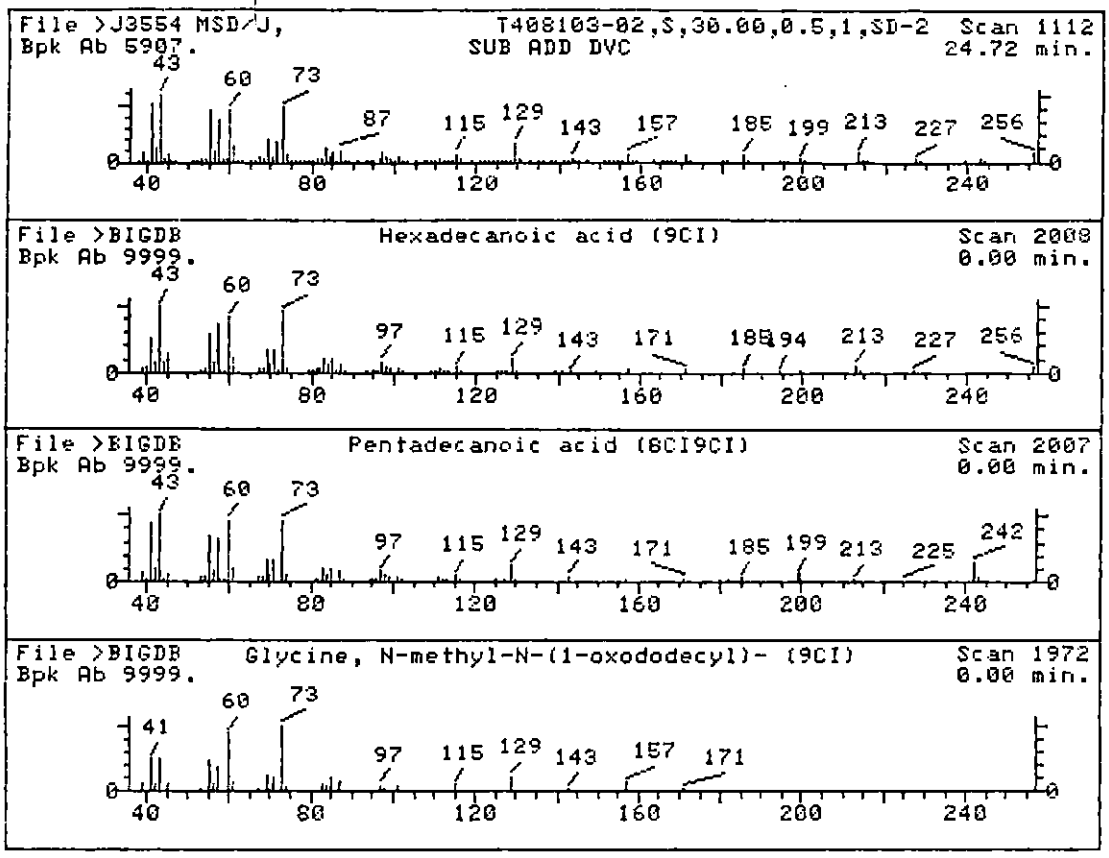
B

. UNKNOWN #,1
AREA = .12E+08 TENTATIVE CONCENTRATION IS 740.00

Sample file: >J3554 Spectrum #: 156

No data base entries were retrieved.

Intrument ID : MSD/J,, Analysis Date : 8/19/94 19:05



B

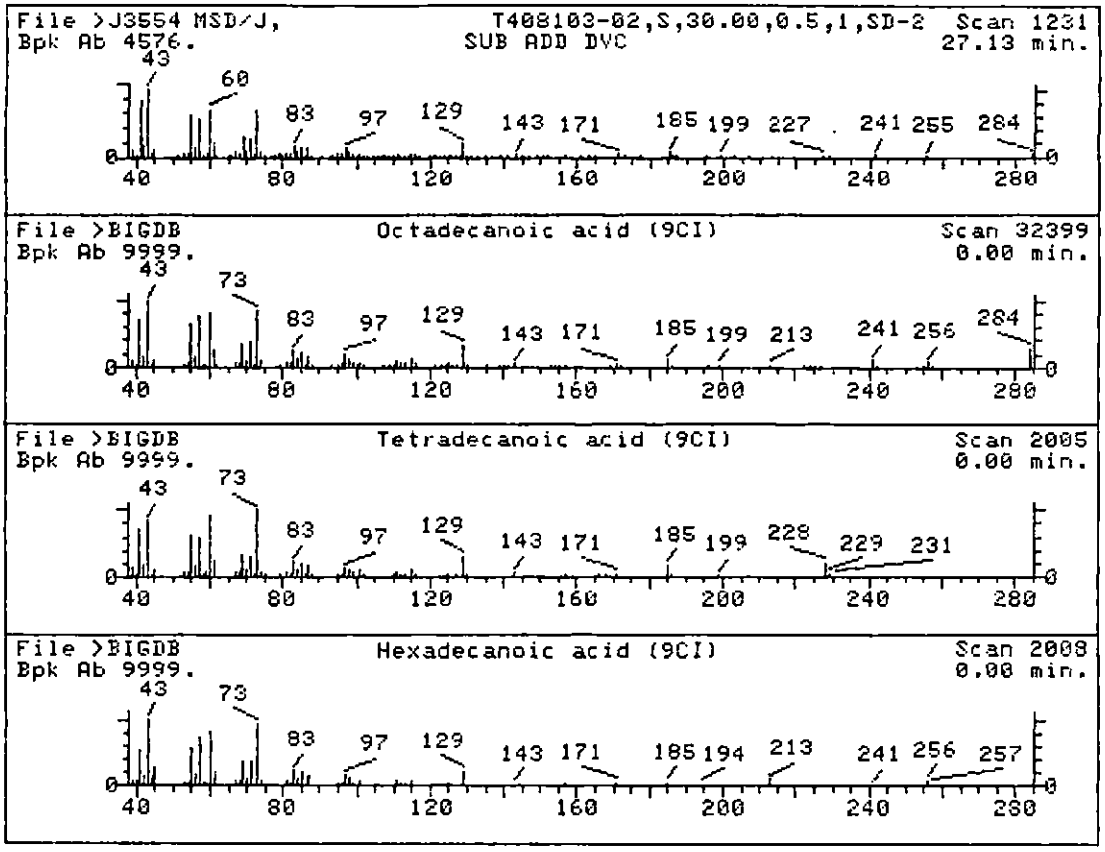
UNKNOWN #,3
AREA = 330288.0 TENTATIVE CONCENTRATION IS 22.00

1.	Hexadecanoic acid (9CI)	256	C16H32O2
2.	Pentadecanoic acid (8CI9CI)	242	C15H30O2
3.	Glycine, N-methyl-N-(1-oxododecyl)- (9CI)	271	C15H29NO3
4.	Heptanoic acid (8CI9CI)	130	C7H14O2
5.	Tetradecanoic acid (9CI)	228	C14H28O2

Sample file: >J3554 Spectrum #: 1112
Search speed: 1 Tilting option: N No. of ion ranges searched: 40

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	73*	57103	2008	"BIGDB	77	74	1	0	70	33	32	74
2.	47	1002842	2007	"BIGDB	87	63	2	0	81	26	19	25
3.	41	97789	1972	"BIGDB	64	86	0	0	79	41	14	32
4.	40*	111148	1881	"BIGDB	40	57	0	0	56	46	12	41
5.	38	544638	2005	"BIGDB	79	67	2.	0	61	34	16	21

Intrument ID : MSD/J,, Analysis Date : 8/19/94 19:05



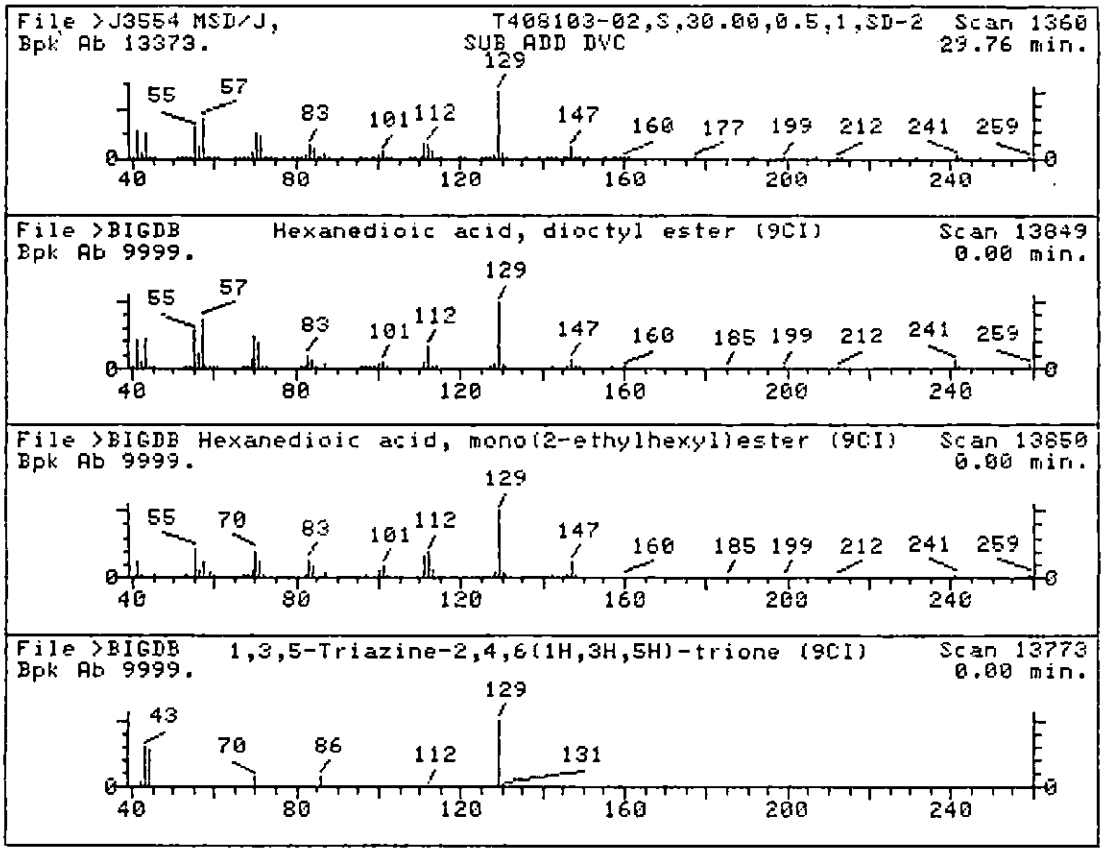
. UNKNOWN #,4
AREA = 124675.0 TENTATIVE CONCENTRATION IS 8.00

1.	Octadecanoic acid (9CI)	284 C18H36O2
2.	Tetradecanoic acid (9CI)	228 C14H28O2
3.	Hexadecanoic acid (9CI)	256 C16H32O2
4.	Pentadecanoic acid (8CI9CI)	242 C15H30O2
5.	Dodecanamide, N,N-bis(2-hydroxyethyl)- (8CI9CI)	287 C16H33NO3

Sample file: >J3554 Spectrum #: 1231
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	79	57114	32399	"BIGDB	98	67	2	0	61	6	48	31
2.	66	544638	2005	"BIGDB	107	39	2	0	66	18	31	44
3.	60	57103	2008	"BIGDB	72	79	3	0	74	15	30	12
4.	60	1002842	2007	"BIGDB	94	56	3	0	75	15	30	19
5.	46	120401	1984	"BIGDB	86	67	2	0	66	27	19	24

Intrument ID : MSD/J,, Analysis Date : 8/19/94 19:05



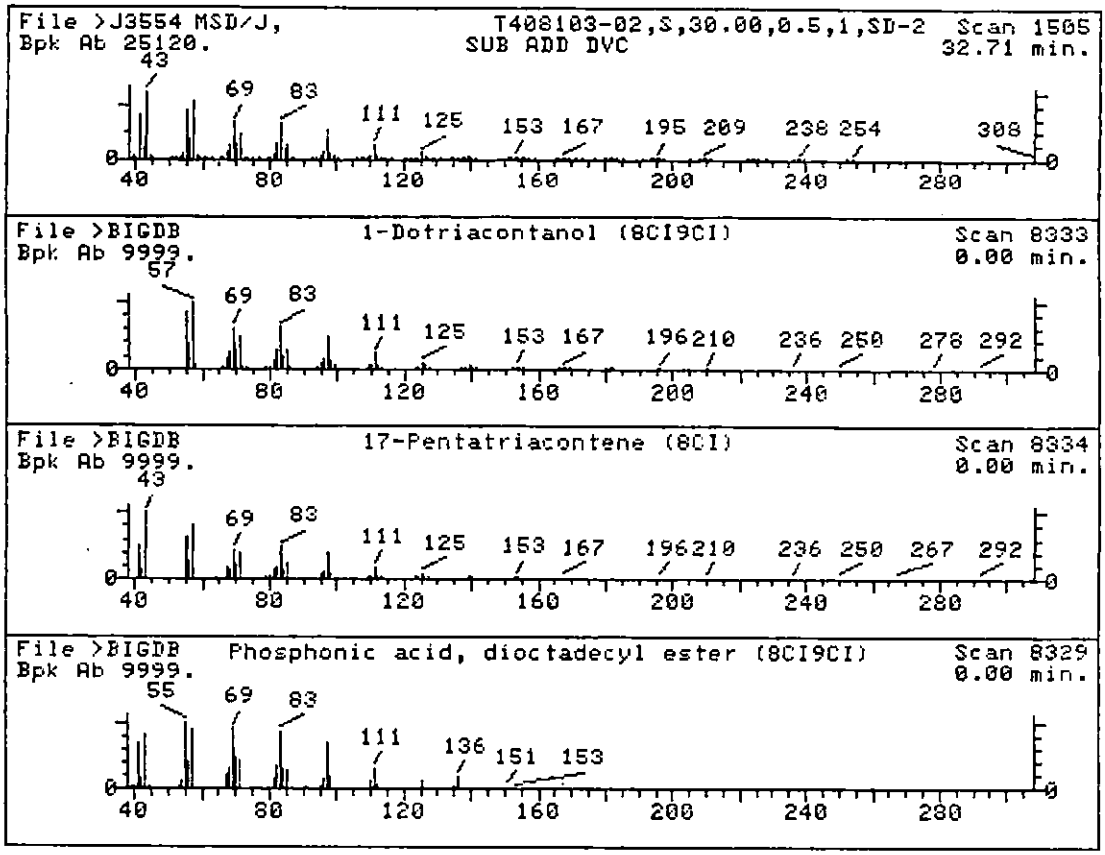
. UNKNOWN #,7
AREA = 191545.0 TENTATIVE CONCENTRATION IS 13.00

1. Hexanedioic acid, dioctyl ester (9CI) 370 C22H42O4
2. Hexanedioic acid, mono(2-ethylhexyl)ester (9CI) 258 C14H26O4
3. 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione (9CI) 129 C3H3N3O3

Sample file: >J3554 Spectrum #: 1360
Search speed: 1 Tilting option: N No. of ion ranges searched: 43

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	63	123795	13849	"BIGDB	97	67	2	0	68	16	30	31
2.	54	4337659	13850	"BIGDB	89	56	2	0	60	25	22	26
3.	25*	108805	13773	"BIGDB	23	62	3	0	100	47	7	12

Intrument ID : MSD/J,, Analysis Date : 8/19/94 19:05



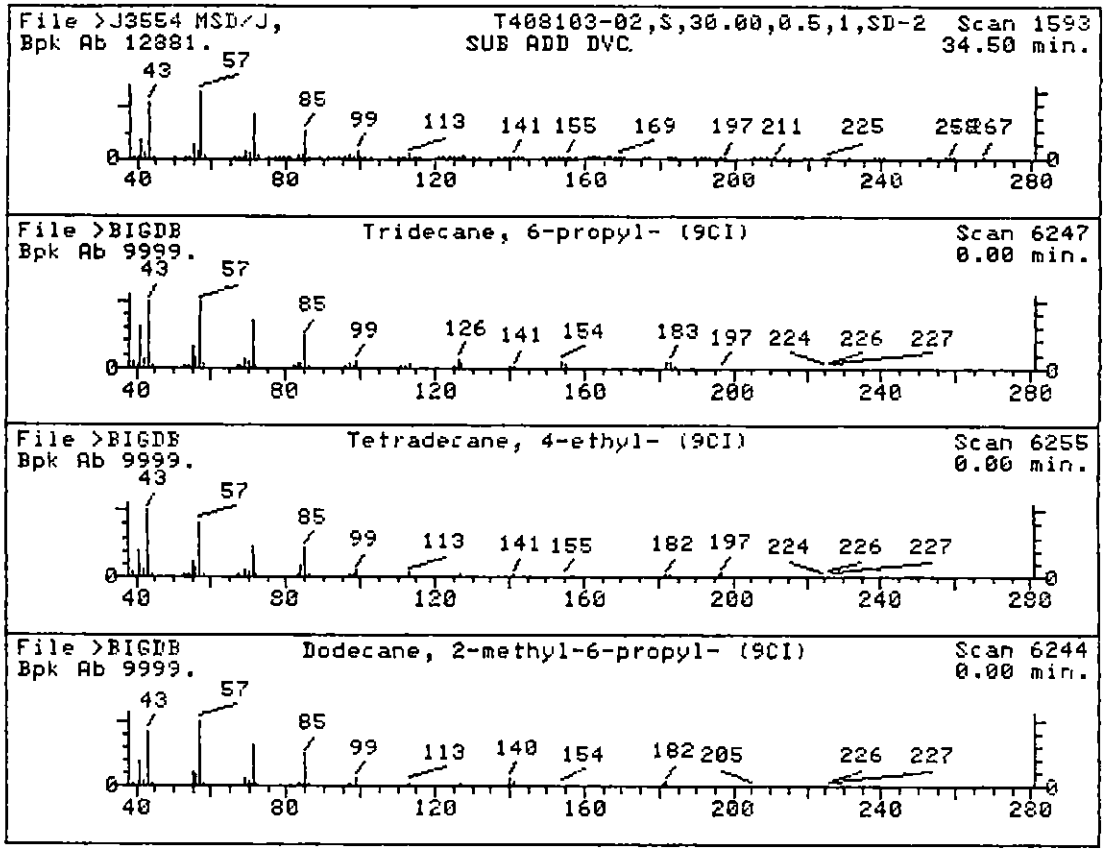
. UNKNOWN #,8
AREA = 602568.0 TENTATIVE CONCENTRATION IS 40.00

1.	1-Dotriacontanol (8CI9CI)	466 C32H66O
2.	17-Pentatriacontene (8CI)	490 C35H70
3.	Phosphonic acid, dioctadecyl ester (8CI9CI)	586 C36H75O3P
4.	1-Hexacosanol (8CI9CI)	382 C26H54O
5.	3-Eicosene, (E)- (9CI)	280 C20H40

Sample file: >J3554 Spectrum #: 1505
Search speed: 1 Tilting option: N No. of ion ranges searched: 46

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	89	6624799	8333	"BIGDB	146	35	2	0	67	0	66	78
2.	87	6971400	8334	"BIGDB	123	48	3	0	100	4	63	48
3.	83	19047859	8329	"BIGDB	140	60	2	0	51	14	51	74
4.	75	506525	8292	"BIGDB	122	41	2	0	86	17	35	60
5.	75	74685339	8338	"BIGDB	115	51	1	0	51	25	41	71

Intrument ID : MSD/J,, Analysis Date : 8/19/94 19:05



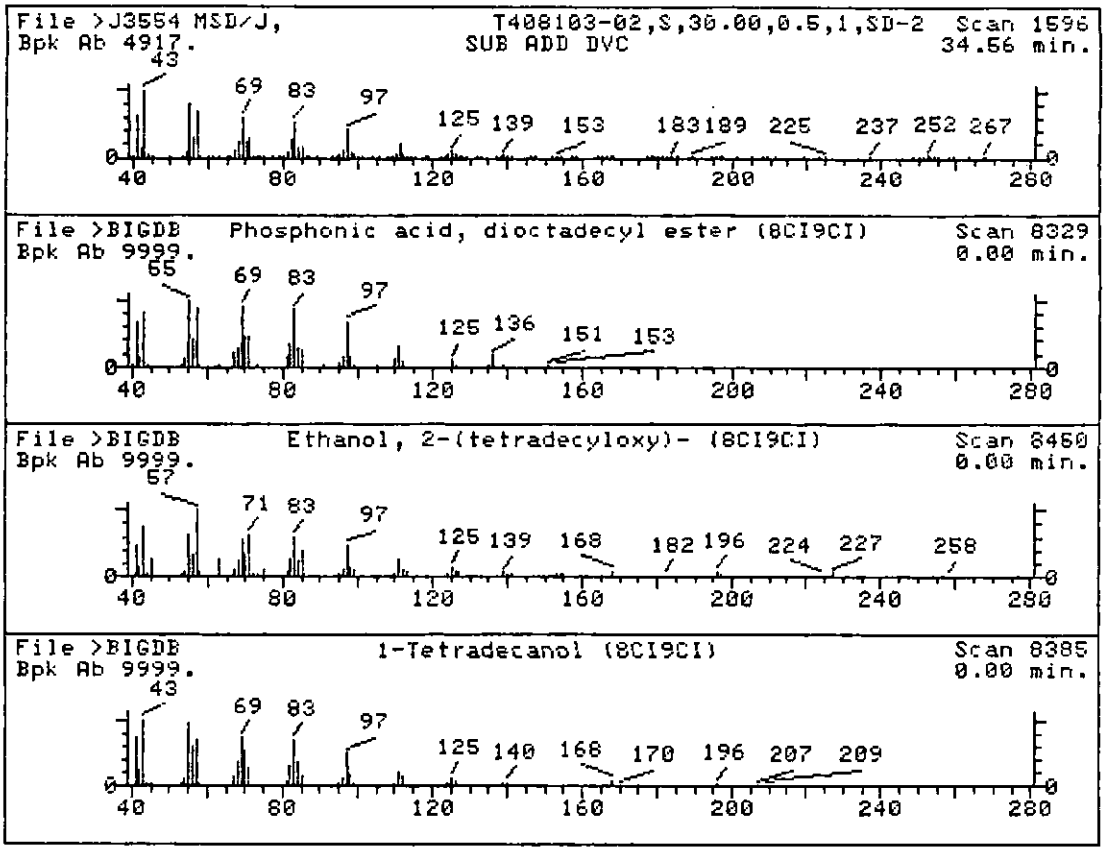
. UNKNOWN #,9
AREA = 217760.0 TENTATIVE CONCENTRATION IS 14.00

1.	Tridecane, 6-propyl- (9CI)	226 C16H34
2.	Tetradecane, 4-ethyl- (9CI)	226 C16H34
3.	Dodecane, 2-methyl-6-propyl- (9CI)	226 C16H34
4.	Pentacosane (8CI9CI)	352 C25H52
5.	Tritetracontane (8CI9CI)	604 C43H88

Sample file: >J3554 Spectrum #: 1593
Search speed: 1 Tilting option: N No. of ion ranges searched: 42

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	86*	55045108	6247	"BIGDB	61	68	2	0	83	3	60	38
2.	81*	55045142	6255	"BIGDB	64	57	2	0	83	6	53	43
3.	79*	55045084	6244	"BIGDB	74	45	3	0	84	6	48	39
4.	78	629992	6092	"BIGDB	63	77	2	0	73	5	55	13
5.	78	7098217	6150	"BIGDB	62	106	2	0	69	3	55	13

Intrument ID : MSD/J,, Analysis Date : 8/19/94 19:05



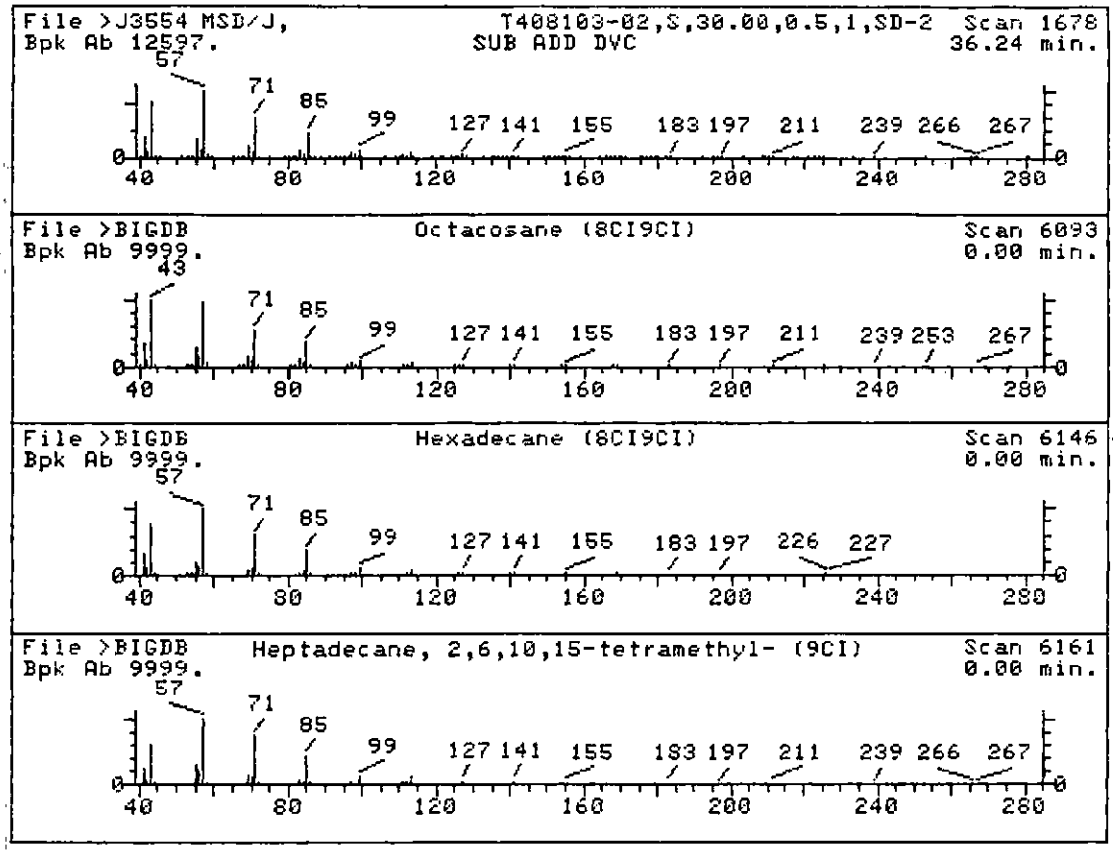
. UNKNOWN #,10
AREA = 147694.0 TENTATIVE CONCENTRATION IS 10.00

1.	Phosphonic acid, dioctadecyl ester (8CI9CI)	586	C36H75O3P
2.	Ethanol, 2-(tetradecyloxy)- (8CI9CI)	258	C16H34O2
3.	1-Tetradecanol (8CI9CI)	214	C14H30O
4.	Isoheptadecanol (9CI)	256	C17H36O
5.	1-Hexadecanol (9CI)	242	C16H34O

Sample file: >J3554 Spectrum #: 1596
Search speed: 1 Tilting option: N No. of ion ranges searched: 46

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	87	19047859	8329	"BIGDB	121	79	3	0	62	5	63	44
2.	87*	2136701	8450	"BIGDB	80	77	3	0	71	5	63	45
3.	78	112721	8385	"BIGDB	72	74	3	0	77	5	55	12
4.	78	57289073	8454	"BIGDB	86	88	3	0	53	5	55	16
5.	78	36653824	8447	"BIGDB	93	68	3	0	66	5	55	19

Intrument ID : MSD/J,, Analysis Date : 8/19/94 19:05



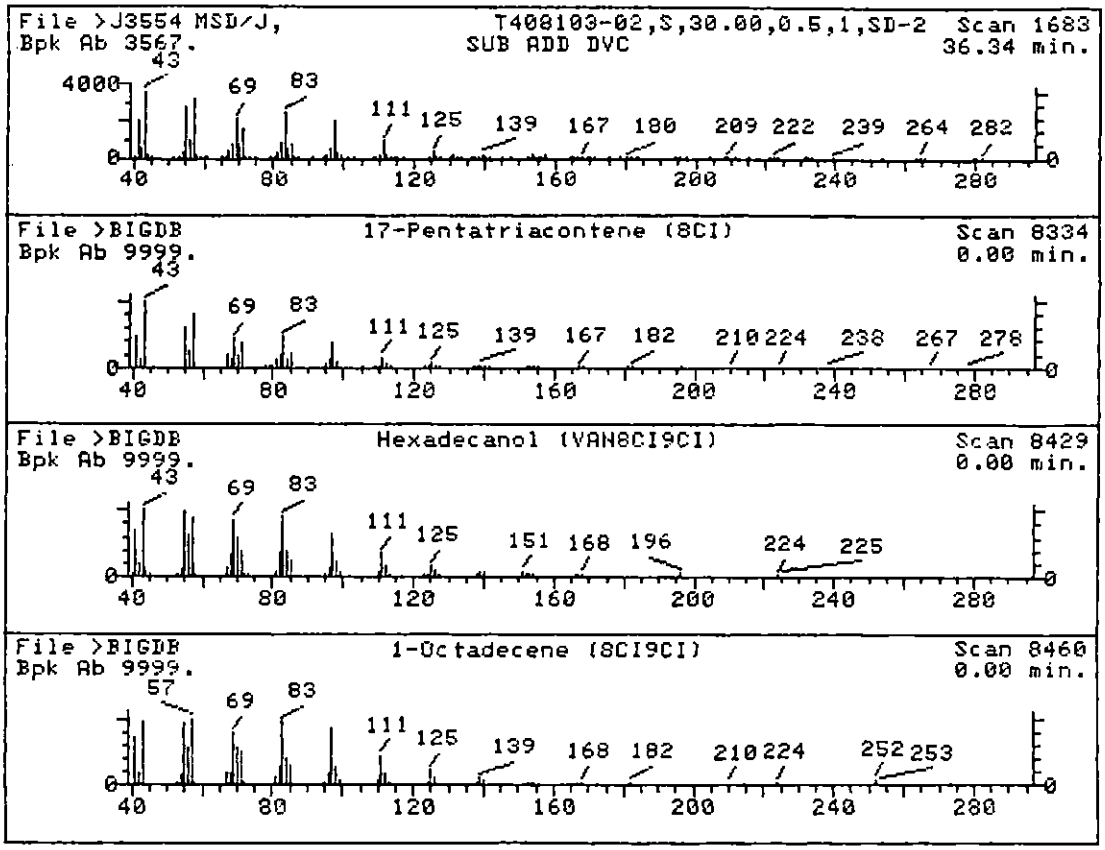
. UNKNOWN #,12
AREA = 169205.0 TENTATIVE CONCENTRATION IS 11.00

1.	Octacosane (8CI9CI)	394 C28H58
2.	Hexadecane (8CI9CI)	226 C16H34
3.	Heptadecane, 2,6,10,15-tetramethyl- (9CI)	296 C21H44
4.	Pentadecane (8CI9CI)	212 C15H32
5.	Pentacosane (8CI9CI)	352 C25H52

Sample file: >J3554 Spectrum #: 1678
Search speed: 1 Tilting option: N No. of ion ranges searched: 43

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	89	630024	6093	"BIGDB	114	23	1	0	73	3	66	71
2.	88	544763	6146	"BIGDB	95	25	1	0	67	3	65	55
3.	86	54833486	6161	"BIGDB	98	35	2	0	66	3	60	31
4.	83	629629	6265	"BIGDB	80	40	2	0	76	3	57	21
5.	83	629992	6092	"BIGDB	90	50	2	0	82	1	57	27

Intrument ID : MSD/J,, Analysis Date : 8/19/94 19:05



B

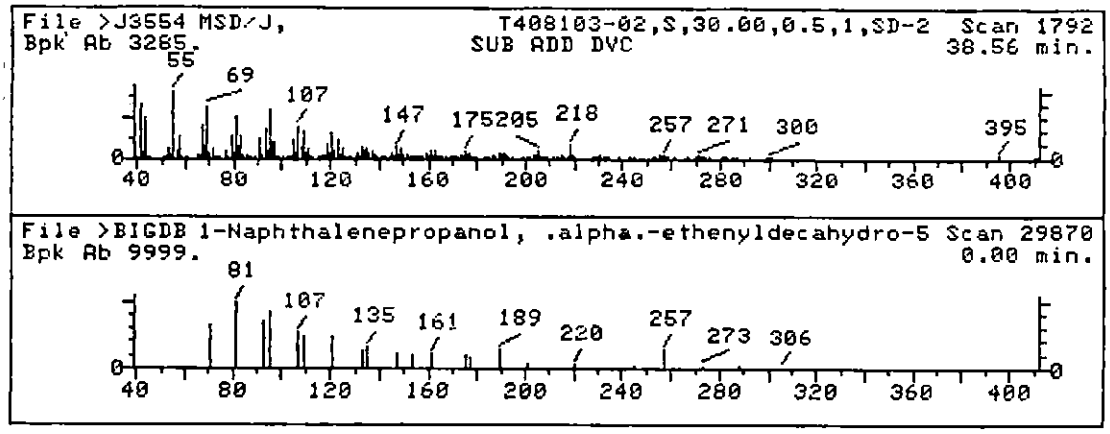
. UNKNOWN #,13
AREA = 115493.0 TENTATIVE CONCENTRATION IS 8.00

1.	17-Pentatriacontene (8CI)	490 C35H70
2.	Hexadecanol (VAN8CI9CI)	242 C16H34O
3.	1-Octadecene (8CI9CI)	252 C18H36
4.	Dodecane 6-cyclohexyl-, 6-cyclohexyl- (8CI)	252 C18H36
5.	Isoheptadecanol (9CI)	256 C17H36O

Sample file: >J3554 Spectrum #: 1683
Search speed: 1 Tilting option: N No. of ion ranges searched: 51

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	74	6971400	8334	"BIGDB	124	47	3	0	100	12	39	49
2.	70	29354981	8429	"BIGDB	83	84	3	0	70	6	42	15
3.	70	112889	8460	"BIGDB	85	87	3	0	64	6	42	16
4.	70	13151865	8408	"BIGDB	71	80	3	0	79	6	42	12
5.	70	57289073	8454	"BIGDB	78	96	3	0	68	6	42	14

Intrument ID : MSD/J,, Analysis Date : 8/19/94 19:05



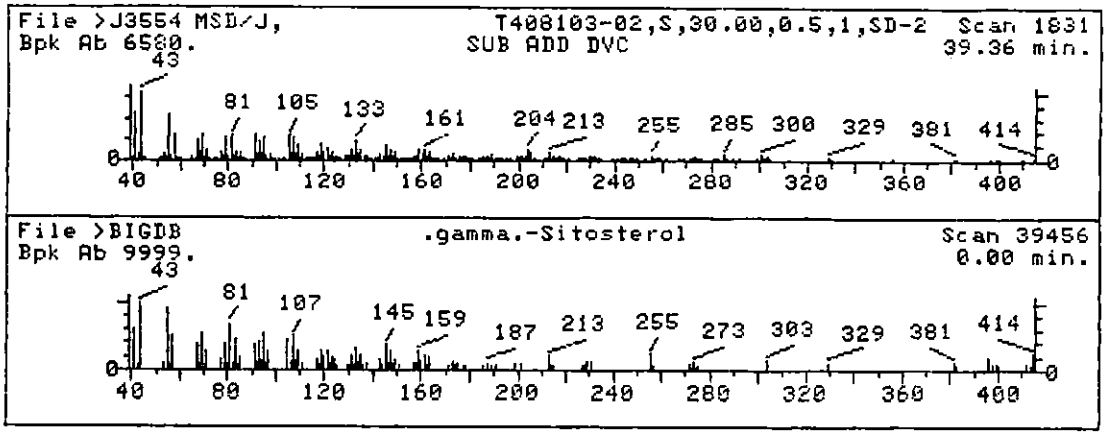
. UNKNOWN #,16
AREA = 226039.0 TENTATIVE CONCENTRATION IS 15.00

1. 1-Naphthalenepropanol, .alpha.-ethenyldecahydro-5-(h 306 C20H34O2
ydroxymethyl)-.alpha.,5,8a-trimethyl-2-methylene-, [
1S-[1.alpha.(R*),4a.beta.,5.

Sample file: >J3554 Spectrum #: 1792
Search speed: 1 Tilting option: N No. of ion ranges searched: 49

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	30	3650304	29870	"BIGDB	73	105	3	0	62	34	12	13

Intrument ID : MSD/J,', Analysis Date : 8/19/94 19:05



. UNKNOWN #,17
AREA = 549116.0 TENTATIVE CONCENTRATION IS 36.00

1. .gamma.-Sitosterol 414 C29H500

Sample file: >J3554 Spectrum #: 1831
Search speed: 1 Tilting option: N No. of ion ranges searched: 54

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	30	83476	39456	"BIGDB	80	101	2	0	47	41	12	21

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SD-3

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: T408103-03

Sample wt/vol: 30.00 [g/mL] G Lab File ID: >J3559

Level: [low/med] LOW Date Received: 08/09/94

% Moisture: 16.0 decanted (Y/N) Date Extracted: 08/11/94

Concentrated Extract Volume: 500 uL Date Analyzed: 08/19/94

Injection Volume: 2 uL Dilution Factor: 1

GPC Cleanup: [Y/N] Y pH: 7.81

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-8	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	23	J
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	990	U
83-32-9	Acenaphthene	95	J

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SD-3

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 08103 SAS No.: SDG No.:810301

Matrix: [soil/water] SOIL Lab Sample ID: T408103-03

Sample wt/vol: 30.00 [g/mL] G Lab File ID: >J3559

Level: [low/med] LOW Date Received: 08/09/94

% Moisture: 16.0 decanted (Y/N) Date Extracted: 08/11/94

Concentrated Extract Volume: 500 uL Date Analyzed: 08/19/94

Injection Volume: 2 uL Dilution Factor: 1

GPC Cleanup: [Y/N] Y pH: 7.81

CAS NO.	COMPOUND	CONCENTRATION UNITS: [ug/L or ug/Kg] UG/KG	Q
51-28-5	2,4-Dinitrophenol	990	U
100-02-7	4-Nitrophenol	990	U
132-64-9	Dibenzofuran	47	J
121-14-2	2,4-Dinitrotoluene	400	U
84-73-7	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	110	J
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	1800	
120-12-7	Anthracene	240	J
86-74-8	Carbazole	380	J
84-74-2	Di-n-butylphthalate	130	JB
206-44-0	Fluoranthene	3300	E
129-00-0	Pyrene	3300	E
85-68-7	Butylbenzylphthalate	110	J
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	1600	
218-01-9	Chrysene	2400	
117-81-7	bis(2-Ethylhexyl)phthalate	1400	B
117-84-0	Di-n-octylphthalate	46	J
205-99-2	Benzo(b)fluoranthene	2400	
207-08-9	Benzo(k)fluoranthene	1500	
50-32-8	Benzo(a)pyrene	1700	
193-39-5	Indeno(1,2,3-cd)pyrene	1900	
53-70-3	Dibenz(a,h)anthracene	730	
191-24-2	Benzo(g,h,i)perylene	540	

SADF: 39.68 FORM I-CLP-SV-2 Total Hits: 21

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.: SD-3

Lab Name: LRI Contract:

Lab Code: LRI Case No. 08103 SAS No.: SDG No.: 810301

Matrix: (soil/water) SOIL Lab Sample ID: T408103-03

Sample wt/vol: 30.00 (g/mL) G Lab File ID: >J3559

Level: (low/med) LOW Date Received: 08/09/94

% Moisture: 16.0 decanted. (Y/N) N Date Extracted: 08/11/94

Concentrated Extract Volume: 500 (ul) Date Analyzed: 08/19/94

Injection Volume: 2 (ul) Diluton Factor: 1

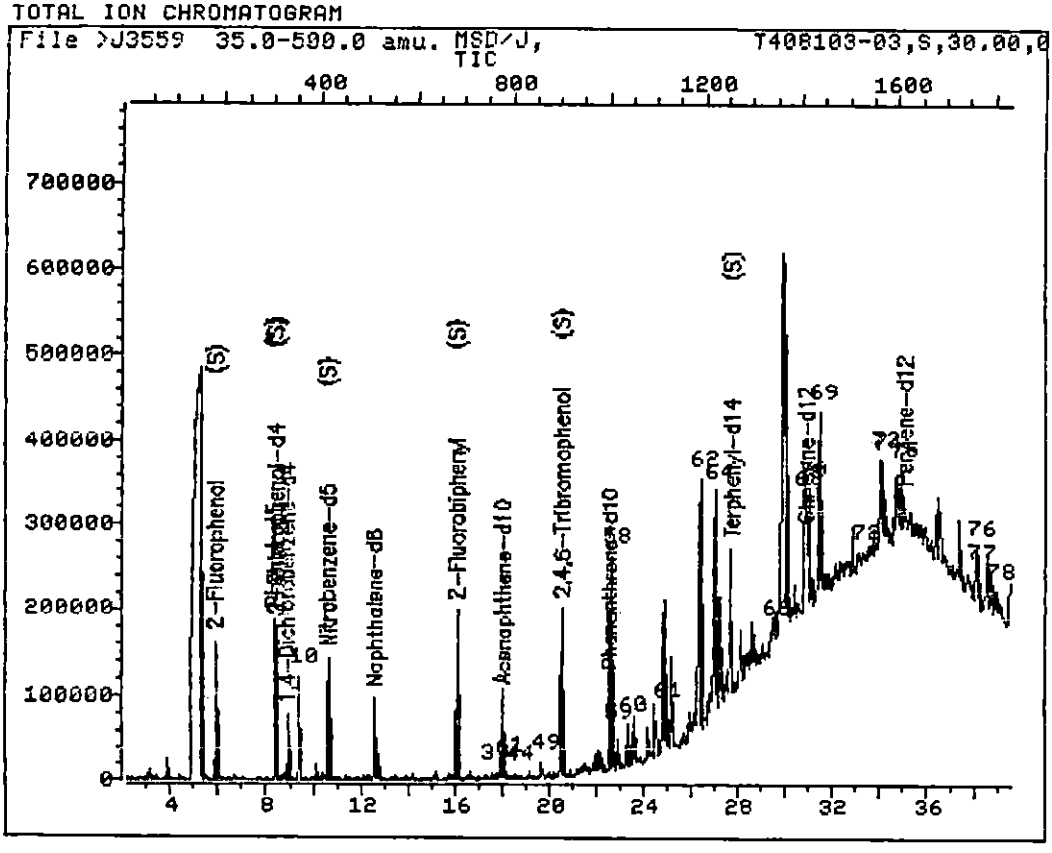
GPC Cleanup: (Y/N) Y pH: 7.81

Number TICs found: 6 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	- -	Aldol Condensation (B)	5.27	13000.	J AB
2.	- -	Unknown	23.59	220.	J
3.	- -	Unknown	24.46	220.	J
4.	84-65-1	9,10-Anthracenedione (9CI)	25.18	400.	JN
5.	- -	Unknown	27.23	340.	J
6.	- -	Unknown	29.87	2400.	J

mrb

TOTAL ION CHROMATOGRAM



Data File: >J3559::J4 Quant Output File: ^J3559::QQ
Name: MSD/J, Instrument ID: J
Misc: T408103-03,S,30.00,0.5,1,SD-3, BTL#10

Id File: IDJB90::N8
Title: CLP SEMI-VOLATILE ID FILE
Last Calibration: 940810 16:29 Last Qcal Time: 940819 16:31

Operator ID: BNA3
Quant Time : 940820 00:05
Injected at: 940819 23:24

Operator ID: BNA3 Quant Rev: 7 Quant Time: 940820 00:05
Output File: ^J3559::QQ Injected at: 940819 23:24
Data File: >J3559::J4 Dilution Factor: 1.00000
Name: MSD/J, Instrument ID: J
Misc: T408103-03,S,30.00,0.5,1,SD-3, BTL#10

ID File: IDJB90::N8
Title: CLP SEMI-VOLATILE ID FILE
Last Calibration: 940810 16:29 Last Qcal Time: 940819 16:31

	Compound		R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4		8.88	152.0	24494	40.00	NG	93
2)	2-Fluorophenol	(S)	5.88	112.0	74982	107.39	NG	87
3)	Phenol-d5	(S)	8.38	99.0	137925	128.47	NG	91
5)	2-Chlorophenol-d4	(S)	8.42	132.0	88240	116.00	NG	82
10)	1,2-Dichlorobenzene-d4	(S)	9.41	152.0	42792	76.84	NG	95
17)	*Naphthalene-d8		12.55	136.0	91697	40.00	NG	92
18)	Nitrobenzene-d5	(S)	10.59	82.0	107685	104.89	NG	92
31)	*Acenaphthene-d10		17.97	164.0	59938	40.00	NG	97
36)	2-Fluorobiphenyl	(S)	16.02	172.0	175293	100.76	NG	94
39)	Acenaphthylene		17.48	152.0	3195	1.16	NG	99
41)	Acenaphthene		18.07	153.0	7574	4.78	NG	99
44)	Dibenzofuran		18.56	168.0	5842	2.35	NG	99
49)	Fluorene		19.64	166.0	10161	5.43	NG	97
51)	2,4,6-Tribromophenol	(S)	20.49	330.0	57931	169.96	NG	97
52)	*Phenanthrene-d10		22.53	188.0	99858	40.00	NG	99
58)	Phenanthrene		22.61	178.0	275291	91.07	NG	93
59)	Anthracene		22.71	178.0	35726	11.84	NG	96
60)	Carbazole		23.34	167.0	55769	19.03	NG	90
61)	Di-n-butylphthalate		24.83	149.0	31691	6.66	NG	98
62)	Fluoranthene		26.37	202.0	558460	167.33	NG	96
63)	*Chrysene-d12		30.88	240.0	74434	40.00	NG	98
64)	Pyrene		27.02	202.0	463002	165.36	NG	96
65)	Terphenyl-d14	(S)	27.72	244.0	186645	104.61	NG	88
66)	Butylbenzylphthalate		29.48	149.0	10223	5.66	NG	90
68)	Benzo(a)anthracene		30.84	228.0	196853	80.93	NG	86
69)	bis(2-Ethylhexyl)phthalate		31.45	149.0	175969	69.75	NG	94
70)	Chrysene		30.98	228.0	255334	121.82	NG	96
71)	*Perylene-d12		35.05	264.0	73371	40.00	NG	94
72)	Di-n-octylphthalate		33.26	149.0	9669	2.34	NG	84
73)	Benzo(b)fluoranthene		34.07	252.0	304518M	119.01	NG	91
74)	Benzo(k)fluoranthene		34.11	252.0	138745M	77.12	NG	91
75)	Benzo(a)pyrene		34.91	252.0	180223	87.72	NG	93
76)	Indeno(1,2,3-cd)pyrene		38.11	276.0	168385	97.72	NG	84
77)	Dibenz(a,h)anthracene		38.15	278.0	53672	36.59	NG	96
78)	Benzo(g,h,i)perylene		38.93	276.0	47501	27.45	NG	94

* Compound is ISTD