

Analytical Data Package For

**NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION**

REGION 0

CONTRACT #: C003180

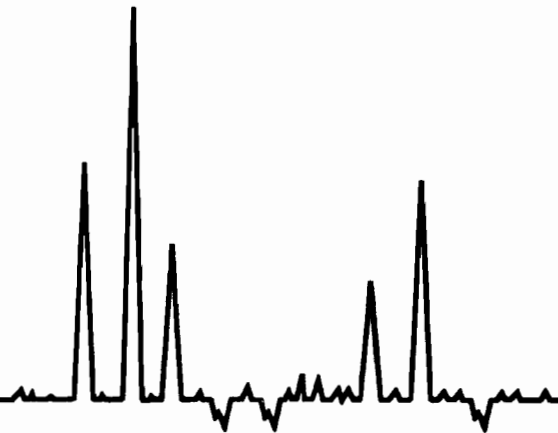
CASE #: SH095 SDG#: 0927

Water Samples

RECEIVED: September 28 & 29, 1995

**VOLATILE DATA
VOLUME 1 OF 2**

SEPTEMBER 1995



H2M LABS, INC.

Environmental Testing Laboratories

575 Broad Hollow Road, Melville, N.Y. 11747

ANALYTICAL DATA PACKAGE

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**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
REGION 0**

CONTRACT: C003180

CASE: SH095

**SAMPLES RECEIVED: 9/28/95 & 9/29/95
0927**

- I. NYS DEC SUMMARY FORMS**
- II. CASE NARRATIVES**
- III. CONTRACT LAB SAMPLE INFORMATION SHEET**
- IV. CHAIN OF CUSTODY DOCUMENTATION**
- V. ANALYTICAL DATA PACKAGES**
- VI. CSF PURGE PACKAGE (BTSR ONLY)**

**DATA PACKAGE FOR CLIENT INFORMATION
PURPOSES ONLY**

H2M LABS, INC.

I NYS DEC SUMMARY FORMS

A 0002

H2M LABS, INC.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY
SAMPLES RECEIVED 9/28/95 & 9/29/95
NYSDEC REGION 0
CONTRACT: C003180
CASE: SH095
SDG: 0927

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	OTHER
A87301	9527137	X					
A87302	9527138	X					
A87303	9527139	X					
A87304	9527140	X					
A87305	9527141	X					
A87306	9527142	X					
A87307	9527143	X					
A87308 MS/MSD	9527144	X					
A87309	9527145	X					
A87310	9527146	X					
A87311	9527147	X					
A87312	9527148	X					
A87313	9527149	X					
A87314	9527150	X					
A87315	9527151	X					
A87316	9527152	X					
A87317	9527153	X					
A87318	9527154	X					
A87319	9527155	X					
A87350	9527337	X					
A87351	9527338	X					
A87352	9527339	X					
A87353	9527340	X					
A87354	9527341	X					
A87355	9527342	X					
TRIP BLANK	9527156	X					
TRIP BLANK	9527343	X					

* Check Appropriate Boxes

* ~~CLP~~ Non-CLP (Please indicate year of protocol) 9/93 Rev. ASPB

* TCL/TAL, HSL, Priority Pollutant

PAGE 1 OF 6

A 0003

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION					
SAMPLE PREPARATION AND ANALYSIS SUMMARY					
CONTRACT: C003180					
VOA ANALYSES					
CASE: SH095					
SDG: 0927					
Laboratory	Matrix	Date	Date rec'd	Low Level	Date
sample ID		Collected	At Lab	Med. Level	Analyzed
SH0950927A873-01	WATER	9/ 27 /95	9/28/95	LOW	9/30/95
SH0950927A873-02	WATER	9/ 27 /95	9/28/95	LOW	9/30/95
SH0950927A873-03	WATER	9/ 27 /95	9/28/95	LOW	9/30/95
SH0950927A873-04	WATER	9/ 27 /95	9/28/95	LOW	9/30/95
SH0950927A873-05	WATER	9/ 27 /95	9/28/95	LOW	9/30/95
SH0950927A873-06	WATER	9/ 27 /95	9/28/95	LOW	9/30/95
SH0950927A873-07	WATER	9/ 27 /95	9/28/95	LOW	9/30/95
SH0950927A873-08MS	WATER	9/ 27 /95	9/28/95	LOW	10/3/95
SH0950927A873-08MSD	WATER	9/ 27 /95	9/28/95	LOW	10/3/95
SH0950927A873-08	WATER	9/ 27 /95	9/28/95	LOW	9/30/95
SH0950927A873-09	WATER	9/ 27 /95	9/28/95	LOW	9/30/95
SH0950927A873-10	WATER	9/ 27 /95	9/28/95	LOW	10/1/95
SH0950927A873-11	WATER	9/ 27 /95	9/28/95	LOW	10/1/95
SH0950927A873-12	WATER	9/ 28 /95	9/28/95	LOW	10/1/95
SH0950927A873-13	WATER	9/ 28 /95	9/28/95	LOW	10/1/95
SH0950927A873-14	WATER	9/ 28 /95	9/28/95	LOW	10/1/95
SH0950927A873-15	WATER	9/ 28 /95	9/28/95	LOW	10/1/95
SH0950927A873-16	WATER	9/ 28 /95	9/28/95	LOW	10/1/95
SH0950927A873-16DL	WATER	9/ 28 /95	9/28/95	LOW	10/3/95
SH0950927A873-17	WATER	9/ 28 /95	9/28/95	LOW	10/1/95
SH0950927A873-18	WATER	9/ 28 /95	9/28/95	LOW	10/1/95
SH0950927A873-19	WATER	9/ 28 /95	9/28/95	LOW	10/1/95
SH0950927A873-50	WATER	9/ 29 /95	9/29/95	LOW	10/4/95
SH0950927A873-51	WATER	9/ 29 /95	9/29/95	LOW	10/4/95
SH0950927A873-52	WATER	9/ 29 /95	9/29/95	LOW	10/4/95
SH0950927A873-53	WATER	9/ 29 /95	9/29/95	LOW	10/4/95
SH0950927A873-54	WATER	9/ 29 /95	9/29/95	LOW	10/4/95
SH0950927A873-55	WATER	9/ 29 /95	9/29/95	LOW	10/4/95
TRIPBLANK9/28	WATER	9/ 27 /95	9/29/95	LOW	10/4/95
TRIPBLANK9/29	WATER	9/ 27 /95	9/29/95	LOW	10/4/95

gms
H2M
10/25/95

H2M LABS, INC.

IL CASE NARRATIVES

H2M LABS, INC.

SDG NARRATIVE FOR VOLATILE ORGANICS

SAMPLES RECEIVED: 9/28/95 - 9/29/95

CONTRACT: C003180

CASE: SH095

SDG: 0927

For Samples:	A87301	A87307	A87313	A87319	A87355
	A87302	A87308 MS/MSD	A87314	A87350	TRIP BLANK 9/28
	A87303	A87309	A87315	A87351	TRIP BLANK 9/29
	A87304	A87310	A87316	A87352	
	A87305	A87311	A87317	A87353	
	A87306	A87312	A87318	A87354	

The above sample were analyzed for the TCL volatile organics according to the requirements of the NYSDEC ASP method 91-1. All quality control and calibration requirements were met except for the dilution of sample A87314 was inadvertently not performed. The same was above the calibration range.

Sample A87316 was above the calibration range and required a dilution. Both sets of results are submitted.

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.

Date Reported: October 27, 1995

*
* *Joann Slavin* *
*

Joann Slavin
Quality Assurance Manager

A 0006

H2M LABS, INC.

III. CONTRACT LAB SAMPLE INFORMATION SHEET

A 0007

CONTRACT LAB SAMPLE INFORMATION SHEET

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

COPY	
CSP OF	ORIGINAL LOCATED
CASE NUMBER	SDG #
INITIALS	DATE
27	10/27/95

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 824 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 808-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

TELEPHONE NUMBER:

REGION NO:

CONTRACT LAB:

COUNTY:

SAMPLING DATE:

MILITARY TIME:

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

SDG NUMBER

SAMPLE NUMBER

CHECK FOR MS/MD

TYPE OF SAMPLE:

☐ Check if there will be more samples with this SDG sent in this calendar week

Report via Category B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☒

SPDES NUMBER/REGISTRY NUMBER

FLOW

GPD
MGD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

COPY	
ORIGINAL LOCATED	
CSP OF	DATE
CASE: SHC95	5X: 0927
INITIALS	DATE
SD	10/27/95

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS**PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 825-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☒ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☒ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSG-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

F. S. L. ESTER

TELEPHONE NUMBER:

518-457-0747

REGION NO:

1

CONTRACT LAB:

ALM

COUNTY:

Albany

SAMPLING DATE:

9/27/95

MILITARY TIME:

1115

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

5141095

SDG NUMBER

091271

SAMPLE NUMBER

A87302

CHECK FOR MS/MD☐ This Sample**TYPE OF SAMPLE:**☒ Grab ☐ Composite ☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐**SAMPLING POINT:**Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

A 6009

GPD
MGD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

COPY
 ORIGINAL LOCATED
 CASE: 51095 SDG: 0927
 DATE: 10/27/95
 INIT: [Signature]

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS**PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

Rich Hillier

TELEPHONE NUMBER:

518-457-0747

REGION NO:

1

CONTRACT LAB:

H2M

COUNTY:

Nassau

SAMPLING DATE:

9/27/95

MILITARY TIME:

11:27

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

51101915

SDG NUMBER

09271

SAMPLE NUMBER

A1817131013

CHECK FOR MS/MD

- ☐ This Sample

TYPE OF SAMPLE:

- ☒ Grab ☐ Composite ☐ Term _____ hrs

- ☐ Check if there will be more samples with this SDG sent in this calendar week

Report via Catagory B, unless checked ☐**SAMPLING POINT:**Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

FLOW

GPD

MGD

A 0010

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

COPY	
ORIGINAL LOCATED	
CASE: SH095	SDG: C927
INIT: 20	DATE: 10/27/95

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS**PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

T. S. W. / 10/27/95

TELEPHONE NUMBER:

518-457-0747

REGION NO:

2

CONTRACT LAB:

3A 2 M

COUNTY:

NASSAU

SAMPLING DATE:

9/27/95

MILITARY TIME:

1220

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

S H 0 9 1 5

SDG NUMBER

0 9 2 7

SAMPLE NUMBER

A 8 7 3 0 4

CHECK FOR MS/MD☐ This Sample**TYPE OF SAMPLE:**☒ Grab ☐ Composite ☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐**SAMPLING POINT:**Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

A 0011 GPD MGD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

ORIGINAL LOCATED	
CASE: SHEETS SDG 10927	
IN	DATE
T	10/27/95

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☒ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.085 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (BNA)—Water—GC/MS (ASP #89-2) | ☐ 30. BNA—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSSR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

R. Sylvester

TELEPHONE NUMBER:

518-7457-0717

REGION NO:

1

CONTRACT LAB:

HLM

COUNTY:

NASSAU

SAMPLING DATE:

9/12/95

MILITARY TIME:

1440

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

S1A095

SDG NUMBER

0927

SAMPLE NUMBER

A87305

CHECK FOR MS/MD

☐ This Sample

TYPE OF SAMPLE:

☒ Grab☐ Composite☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

FLOW

A 0012 GPD MGD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

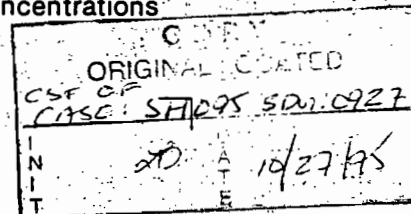
CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).



Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS**PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|--|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soil/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soil/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soil/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soil/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:**TELEPHONE NUMBER:****REGION NO:****CONTRACT LAB:****COUNTY:****SAMPLING DATE:****MILITARY TIME:****SAMPLE MATRIX:**

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER**SDG NUMBER****SAMPLE NUMBER****CHECK FOR MS/MD****TYPE OF SAMPLE:**☒ Grab

S1410915

0927

A18731016

☐ This Sample☐ Composite☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐**SAMPLING POINT:**Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

FLOW

A 0013 GPD MGD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

Place QA Label Here

COPY

ORIGINAL LOCATED

SUN 10/27/95

IN
T

DATE

10/27/95

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS**PRIORITY POLLUTANTS (Water Part 136)—SPOES**

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other _____ | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|--|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☐ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other _____ | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other _____ | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSSB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other _____ |

COLLECTED BY:

W. Bauer / R. L. Hoy

TELEPHONE NUMBER:

(518) 457-0747

REGION NO:

1

CONTRACT LAB:

H 2 M

COUNTY:

Nassau

SAMPLING DATE:

09/27/95

MILITARY TIME:

15:31

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

SDG NUMBER

SAMPLE NUMBER

CHECK FOR MS/MD

TYPE OF SAMPLE:

☒ Grab☐ Composite ☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

FLOW

GPD

MGD

A 0014

CONTRACT LAB SAMPLE INFORMATION SHEET

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

Place QA Label Here

COPY	
ORIGINAL LOCATED	
CSF C. CHSC SHC95 SDG: 0927	
IN	DATE
10	10/27/95

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 824 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other _____ | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|--|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS(ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC(ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 In Water | ☐ 33. Metals—23 In Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other _____ | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other _____ | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other _____ |

COLLECTED BY:

P. SYLVESTER

TELEPHONE NUMBER:

518-457-0747

REGION NO:

I

CONTRACT LAB:

142M

COUNTY:

NIASSA

SAMPLING DATE:

11/27/95

MILITARY TIME:

1630

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

S 121095

SDG NUMBER

0927

SAMPLE NUMBER

A 873018

CHECK FOR MS/MD

☒ This Sample

TYPE OF SAMPLE:

☐ Grab ☐ Composite ☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

A 0015 GPD MGD

CONTRACT LAB SAMPLE INFORMATION SHEET

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

ORIGINAL LOCATED	
CSC OF	
GRS: SHG95 SDG: 0927	
INITIALS	DATE
LD	10/27/95

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSSR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

THOMAS KOCH

TELEPHONE NUMBER:

(516) 457-1708

REGION NO:

01

CONTRACT LAB:

H2M

COUNTY:

NASSAU

SAMPLING DATE:

9/27/95

MILITARY TIME:

1710 HRS

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

540950927

SDG NUMBER

SAMPLE NUMBER

A87309

CHECK FOR MS/MD

- ☐ This Sample

TYPE OF SAMPLE:

- ☒ Grab ☐ Composite ☐ Term _____ hrs

- ☐ Check if there will be more samples with this SDG sent in this calendar week

Report via Category B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

FLOW

GPD

MGD

A 0016

CONTRACT LAB SAMPLE INFORMATION SHEET

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

COPY	
ORIGINAL LOCATED	
Case: S1095	SDG: 0927
INITIALS: 217	DATE: 10/27/95

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

THOMAS KOCH

TELEPHONE NUMBER:

(516) 457-1708

REGION NO:

01

CONTRACT LAB:

H2M

COUNTY:

NASSAU

SAMPLING DATE:

9/27/95

MILITARY TIME:

1050 HRS

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

54095

SDG NUMBER

0927

SAMPLE NUMBER

A873110

CHECK FOR MS/MD

☐ This Sample

TYPE OF SAMPLE:

☐ Composite☒ Grab☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

FLOW

A 0017 GPD

MGD

CONTRACT LAB SAMPLE INFORMATION SHEET

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

COPY
ORIGINAL LOCATED
CSF OF
CANC: SHORE SDG: 0427
DATE 10/27/95
INIT LP

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 824 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 825-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.085 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|--|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS(ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC(ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

TELEPHONE NUMBER:

REGION NO:

CONTRACT LAB:

COUNTY:

SAMPLING DATE:

MILITARY TIME:

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

SDG NUMBER

SAMPLE NUMBER

CHECK FOR MS/MD

TYPE OF SAMPLE:

☒ Grab☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

FLOW

GPD

MGD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

ORIGINAL LOCATED	
Case No. 518095	SDG: 0927
IN T	DATE 10/27/95

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS**PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|--|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS(ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC(ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin-Water (ASP #89-4) | ☐ 67. Dioxin-Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSG-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSSR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

T. SYLWISZAK

TELEPHONE NUMBER:

518-457-0747

REGION NO:

1

CONTRACT LAB:

142m

COUNTY:

NASSAU

SAMPLING DATE:

9/28/95

MILITARY TIME:

0845

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

51810195

SDG NUMBER

01912181

SAMPLE NUMBER

A147B112

CHECK FOR MS/MD

☐ This Sample

TYPE OF SAMPLE:

☐ Grab☐ Composite☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

A 6019

GPD

MGD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

Place QA Label Here

COPY	
ORIGINAL LOCATED	
CAGE: 511075 SDG: 077	
IN	DATE
10	10/27/95

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS**PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.085 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSSB-01 | ☐ 50. RSSR-01 | ☐ 51. RSSR-01 | ☐ 52. RSSB-01 | ☐ 53. RSSR-01 (EP Toxicity-Metals only + RSSR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSSR-01 | ☐ 57. RSSR-02 | ☐ 58. Other |

COLLECTED BY:**TELEPHONE NUMBER:****REGION NO:****CONTRACT LAB:****COUNTY:****SAMPLING DATE:****MILITARY TIME:****SAMPLE MATRIX:**

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER**SDG NUMBER****SAMPLE NUMBER****CHECK FOR MS/MD****TYPE OF SAMPLE:**☒ Grab☐ This Sample☐ Composite☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐**SAMPLING POINT:**Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

FLOW

A 0020

GPD
MGD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

COPY
 ORIGINAL LOCATED
 CASE: SH095 SDG: 1427
 INIT: AD DATE: 10/27/95

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS**PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSG-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

T. SYLVESTER

TELEPHONE NUMBER:

518-457-3747

REGION NO:

1

CONTRACT LAB:

171m

COUNTY:

NASSAU

SAMPLING DATE:

1/28/95

MILITARY TIME:

1000

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

5140915

SDG NUMBER

0928

SAMPLE NUMBER

A87314

CHECK FOR MS/MD

☐ This Sample

TYPE OF SAMPLE:

☒ Grab☐ Composite☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

A 0041 GPD

MGD

CONTRACT LAB SAMPLE INFORMATION SHEET

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

 COPY
 ORIGINAL LOCATED

CASE: SHC45 SDG: 0927

10/27/95

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 In Water | ☐ 33. Metals—23 In Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSSB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

TELEPHONE NUMBER:

REGION NO:

CONTRACT LAB:

COUNTY:

SAMPLING DATE:

MILITARY TIME:

SAMPLE MATRIX:

- ☐
- Air
- ☐
- Soil/Sediment
- ☒
- Groundwater
- ☐
- Surface Water
- ☐
- Wastewater
- ☐
- Other (Specify)

CASE NUMBER

SDG NUMBER

SAMPLE NUMBER

CHECK FOR MS/MD

TYPE OF SAMPLE:

- ☒
- Grab
-
- ☐
- Composite
- ☐
- Term hrs

☐ Check if there will be more samples with this SDG sent in this calendar week

 Report via Category B, unless checked ☐

SAMPLING POINT:

 Check if field
 duplicate ☐

Outfall Number

 Check if sampling is part
 of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

 FLOW
 GPD
 MGD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

COPY	
ORIGINAL LOCATED	
CASE NO.	SDG NO.
27	0927
INITIALS	DATE
	10/27/95

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS**PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 824 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 808-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

THOMAS KOCH

TELEPHONE NUMBER:

(516) 457-1708

REGION NO:

01

CONTRACT LAB:

H2M

COUNTY:

NASSAU

SAMPLING DATE:

9/28/95

MILITARY TIME:

0918 HRS

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

S H 0 9 5

SDG NUMBER

0 9 2 8

SAMPLE NUMBER

A 8 7 3 1 1 6

CHECK FOR MS/MD☐ This Sample**TYPE OF SAMPLE:**☐ Composite☒ Grab☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐**SAMPLING POINT:**Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

FLOW

GPD
MGD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

Place QA Label Here

COPY
 ORIGINAL LOCATED
 CASE # 51045 SDN: 0927
 INIT *AM* DATE *10/27/95*

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 824 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 825-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSSR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

K. L. Liley / W. Bruyer

TELEPHONE NUMBER:

(518) 457-0747

REGION NO:

1

CONTRACT LAB:

H2M

COUNTY:

WASSAU

SAMPLING DATE:

04/25/95

MILITARY TIME:

10:12

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

SDG NUMBER

SAMPLE NUMBER

5110950407318173117

CHECK FOR MS/MD

☐ This Sample

TYPE OF SAMPLE:

☒ Grab☐ Composite☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

*A 6024*GPD
MGD

CONTRACT LAB SAMPLE INFORMATION SHEET

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

Place QA Label Here

COPY	
ORIGINAL LOCATED	
CSF OF	SDN 0427
IN	10/27/95

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

THOMAS KOCH

TELEPHONE NUMBER:

(518) 457-1708

REGION NO:

01

CONTRACT LAB:

H2M

COUNTY:

NASSAU

SAMPLING DATE:

9/20/95

MILITARY TIME:

1017 HRS

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

5H095

SDG NUMBER

0928

SAMPLE NUMBER

187318

CHECK FOR MS/MD

☐ This Sample

TYPE OF SAMPLE:

☒ Grab☐ Composite☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

A 6025

GPD
MGD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

COPY	
ORIGINAL LOCATED	
CSF OF	SDG: 0927
CASE: SH095	
N	2/27/95

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS**PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|--|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS(ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC(ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:**TELEPHONE NUMBER:****REGION NO:****CONTRACT LAB:****COUNTY:****SAMPLING DATE:****MILITARY TIME:****SAMPLE MATRIX:**

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER**SDG NUMBER****SAMPLE NUMBER****CHECK FOR MS/MD****TYPE OF SAMPLE:**☒ Grab

514 18 19 5

019 12 7

118 17 13 1 4

☐ This Sample☐ Composite☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐**SAMPLING POINT:**Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

FLOW

GPD

A 0026

MGD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

COPY
 ORIGINAL LOCATED
 CASE: SP04C SDG: 0927
 IN 10/27/95

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS**PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|--|---|
| ☐ 23. (ALL)—Water—includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS(ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC(ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

THOMAS KOCU

TELEPHONE NUMBER:

(518) 457-1708

REGION NO:

01

CONTRACT LAB:

H2M

COUNTY:

NASSAU

SAMPLING DATE:

9/29/95

MILITARY TIME:

1437 HRS

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

S H 0 9 5

SDG NUMBER

0 9 2 7

SAMPLE NUMBER

A 8 7 3 S P

CHECK FOR MS/MD☐ This Sample**TYPE OF SAMPLE:**

- ☒ Grab ☐ Composite ☐ Term _____ hrs

☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐**SAMPLING POINT:**Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

FLOW

GPD

MGD

CONTRACT LAB SAMPLE INFORMATION SHEET

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

Place QA Label Here

COPY	
ORIGINAL LOCATED	
CASE NO. 510-75 SDG 427	
DATE	2/27/95

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 824 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 825-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 801-GC) | ☐ 8. Aromatic Volatiles (USEPA 802-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSG-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

TELEPHONE NUMBER:

REGION NO:

CONTRACT LAB:

COUNTY:

SAMPLING DATE:

MILITARY TIME:

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

SDG NUMBER

SAMPLE NUMBER

CHECK FOR MS/MD

TYPE OF SAMPLE:

☐ Grab

512 0915

0191217

A87351

☐ This Sample☐ Composite☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

A 0028

GPD

MGD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

COPY	
ORIGINAL LOCATED	
CSE OF	DATE
CHSC, SH-895 SDN: 0927	10/27/95
INITIALS	DATE
RD	10/27/95

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS**PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

D. FARRER

TELEPHONE NUMBER:

518-457-0717

REGION NO:

1

CONTRACT LAB:

JLM

COUNTY:

DASSA

SAMPLING DATE:

4/24/95

MILITARY TIME:

1525

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

1115

SDG NUMBER

0427

SAMPLE NUMBER

087352

CHECK FOR MS/MD☐ This Sample**TYPE OF SAMPLE:**☒ Grab ☐ Composite ☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐**SAMPLING POINT:**Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

FLOW

GPD

MGD

A 0029

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

Place QA Label Here

COPY
ORIGINAL LOCATED
CASE: 54097 SDU: 0927
NIT: *20* DATE: 12/27/96

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS**PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSGB-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

THOMAS KOEN

TELEPHONE NUMBER:

(516) 457-1708

REGION NO:

01

CONTRACT LAB:

H2M

COUNTY:

NASSAU

SAMPLING DATE:

9/29/95

MILITARY TIME:

1555 hrs

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

S H 0 9 5 0 9 2 9

SDG NUMBER

A 8 7 3 5 3

CHECK FOR MS/MD☐ This Sample**TYPE OF SAMPLE:**☒ Grab ☐ Composite ☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐**SAMPLING POINT:**Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

A 0030

GPD
MGD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

COPY	
ORIGINAL LOCATED	
CST OF	DATE
CASE: SHOPS SDG# 927	2/27/95
INITIALS	

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS**PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|---|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS (ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC (ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin—Water (ASP #89-4) | ☐ 67. Dioxin—Soil/Sediment (ASP #89-4) |
| ☐ 35. Other | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSG-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other |

COLLECTED BY:

T. SILVERSTEIN

TELEPHONE NUMBER:

518-457-0747

REGION NO:

CONTRACT LAB:

H2M

COUNTY:

NIASSAU

SAMPLING DATE:

7/27/95

MILITARY TIME:

1600

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

51A10910

SDG NUMBER

019121715

SAMPLE NUMBER

A87131514

CHECK FOR MS/MD

☐ This Sample

TYPE OF SAMPLE:

☒ Grab☐ Composite ☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

A 6031

GPD
MGD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3

Print legibly

CAUTION (check if applicable)

- ☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

COPY	
CASE: SHOTS SDG: 0927	
INITIALS	DATE
27	10/27/15

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS**PRIORITY POLLUTANTS (Water Part 136)—SPDES**

- | | | |
|---|---|---|
| ☐ 2. 13 PP Metals | ☐ 3. Volatiles—(USEPA 624 GC/MS) | ☐ 6. Pesticides/PCB's (USEPA 608-GC) |
| ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS) | ☐ 5. Cyanide | ☐ 9. BOD |
| ☐ 7. Halogenated Volatiles (USEPA 601-GC) | ☐ 8. Aromatic Volatiles (USEPA 602-GC) | ☐ 12. TSS |
| ☐ 10. pH | ☐ 11. COD | ☐ 15. Ammonia |
| ☐ 13. Settleable Solids | ☐ 14. TKN | ☐ 18. Reactive Phosphorus |
| ☐ 16. Nitrate/Nitrite | ☐ 17. Total Phosphorus | ☐ 21. Total Phenols |
| ☐ 19. Oil/Grease | ☐ 20. TOC | ☐ 60. PCB's congener method |
| ☐ 22. Other _____ | ☐ 59. PCB's at 0.065 ug/L | ☐ 64. Total Solids |
| | ☐ 62. CBOD | ☐ 65. Volatiles (USEPA 524.2 GC/MS) |

CONTRACT LABORATORY PROTOCOLS

- | | |
|--|---|
| ☐ 23. (ALL)—Water—Includes 24-28 | ☐ 29. (ALL)—Soil/Sediments—Includes 30-34 |
| ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2) | ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2) |
| ☒ 25. Volatile Organic Analysis VOA—Water—GC/MS(ASP #89-1) | ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1) |
| ☐ 26. Pesticides/PCB's—Water—GC(ASP #89-3) | ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3) |
| ☐ 27. Metals—23 in Water | ☐ 33. Metals—23 in Soil/Sediment |
| ☐ 28. Cyanide—Water | ☐ 34. Cyanide—Soils/Sediment |
| ☐ 66. Dioxin-Water (ASP #89-4) | ☐ 67. Dioxin-Soil/Sediment (ASP #89-4) |
| ☐ 35. Other _____ | |

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- | | | |
|--|--|---|
| ☐ 36. EP Toxicity | ☐ 37. EP Toxicity (Metals Only) | ☐ 38. Ignitability |
| ☐ 39. Corrosivity | ☐ 40. VOA—(USEPA 8240-GC/MS) | ☐ 41. BNA—(USEPA 8270-GC/MS) |
| ☐ 42. Pesticides/PCB's (USEPA 8080) | ☐ 43. TCLP | ☐ 44. TCLP (Metals Only) |
| ☐ 45. Reactivity | ☐ 46. Dioxin (USEPA 8280) | ☐ 47. Appendix IX |
| ☐ 48. Other _____ | ☐ 63. Percent Solids | ☐ 68. Metals—17 Hazardous |

MUNICIPAL SLUDGE

- | | | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| ☐ 49. RSG-01 | ☐ 50. RSSR-01 | ☐ 51. RSGR-01 | ☐ 52. RSRB-01 | ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01) |
| ☐ 54. RSRO-01 | ☐ 55. RSSB-01 | ☐ 56. RSRR-01 | ☐ 57. RSRR-02 | ☐ 58. Other _____ |

COLLECTED BY:

D. PALLA

TELEPHONE NUMBER:

518-457-0717

REGION NO:

1

CONTRACT LAB:

HLM

COUNTY:

Schenectady

SAMPLING DATE:

9/24/15

MILITARY TIME:

1605

SAMPLE MATRIX:

- ☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER

514395

SDG NUMBER

051271

SAMPLE NUMBER

287355

CHECK FOR MS/MD☐ This Sample**TYPE OF SAMPLE:**☒ Grab☐ Composite ☐ Term _____ hrs☐ Check if there will be more samples with this SDG sent in this calendar weekReport via Category B, unless checked ☐**SAMPLING POINT:**Check if field duplicate ☐

Outfall Number

Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER

FLOW

GPD
MGD

A 0032

IV. CHAIN OF CUSTODY DOCUMENTATION

ORIGINAL COPY

EXTERNAL CHAIN OF CUSTODY

PROJ. NO.	PROJECT NAME	Refrigerator #	ANALYSIS REQUESTED	LAB I.D. No.	REMARKS
A873	263 CASXLC		ORGANIC: ☒ PCB ☒ PAH ☒ INORG. ☒ METALS	9527146	No Sample Received
SAMPLERS: (Signature)/Client				147	
DELIVERABLES:				148	
AS-70				149	
				150	
				151	
				152	
				153	
				154	
SAMPLER DESCRIPTION					
TOTAL NO. OF CONTAINERS					
FIELD I.D.					
DATE	TIME	MATRIX			
9/27/95	10:50	CW			
9/27/95	11:15				
9/27/95	08:45				
9/27/95	09:10				
9/27/95	10:00				
9/27/95	09:40				
9/27/95	10:10				
9/27/95	10:17				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)	Date
[Signature]		9/27/95	0800	[Signature]	9/28/95
Relinquished by: (Signature)		Date	Time	Received by: (Signature)	Date
[Signature]		9/28/95	1206	[Signature]	9/28/95
Relinquished by: (Signature)		Date	Time	Received for Laboratory by: (Signature)	Date
[Signature]				[Signature]	9/28/95

NOTES:

Trip Blank

COPY ORIGINAL LOCATED

CSF 55 SDG 10427

IN T D A 10/27/95

LABORATORY USE ONLY

Samples were: 1) Shipped ☒ or Hand Delivered ☒ 2) Ambient or Chilled ☒ 3) Recieved in Good Condition ☒ or N 4) Properly Preserved Y or N 5) Samples returned to lab. ___ hours from Collection

COC Tape was: 1) Present on Outer Package Y or N 2) Unbroken on Outer Package Y or N 3) COC Record Present and Complete Upon Sample Rec't. Y or N

Discrepancies Between Sample Labels and COC Record? Y or N

PHONE NUMBER: _____

PROJECT CONTACT: _____

[illegible]

ORIGINAL COPY

A 0036

H2M LABS, INC.

SAMPLE RECEIPT NON COMPLIANCE REPORT H2M LABS, INC.

Client: NDEC

SDG #: 0927

Date of Sample Receipt: 9-29-95

Received By: RDiaz

Problems with Samples:

- ☐ 1. Insufficient quantity received for proper analysis.
- ☐ 2. Sample received broken or leaking.
- ☐ 3. Sample received improperly preserved.
- ☐ 4. Sample received in improper container.
- ☐ 5. Holding time exceeded at receipt.
- ☐ 6. Sample I.D. missing or incorrect on container.
- ☐ 7. Multi-layer sample.
- ☐ 8. No MS/MSD designated.
- ☐ 9. Sample received out of temp. specs ($4^{\circ}\text{C} \pm 2^{\circ}$).
Recorded temperature _____ $^{\circ}\text{C}$.
- ☐ 10. Other _____

Problems with Chain of Custody (COC):

- ☐ 1. Sample received without COC form.
- ☐ 2. Custody tape broken.
- ☐ 3. COC form not relinquished by client.
- ☐ 4. COC form not properly signed by client.
- ☐ 5. Sample information on container does not match sample information on COC form.
- ☐ 6. Other _____

ORIGINAL LOCATED	
CASE: SHOR SDG: 0927	
INITIALS	DATE
RD	10/27/95

Notes: MS/MSD NOT LISTED ON C-O-C.

SIGNATURES ON CLSIS DO NOT MATCH SIGNATURES ON C-O-C.

2ND TRIP BLANK LISTED ON C-O-C WAS NOT DELIVERED. - NOTED ON COC

Client Contact: _____

Notification procedure: _____ phone _____ fax _____ writing ☒ other

Notified By: Joanne Swignon Date / Time: 10/19/95

Corrective Action: Notification letter sent in the week of sample stating that the CLSIS signatures were all different.

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-1122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

CLIENT: NDEC

SDG #: 0927

CASE #: SH095

AC70

AS-70

800

10/2/95

Page 1 of 3

COPY

ORIGINAL LOCATED

BOUND INTL COC# 88

INITIAL DATE 10/27/95

INTERNAL CHAIN OF CUSTODY

SAMPLES RECEIVED BY R.D. 42 DATE 9-28-95 TIME 1205

SIGNATURE [Signature]

CLIENT I.D.	H2M LAB #	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
SH09509274873-01	9527137	D	2	PUTCL
02	128			
03	139			
04	140			
05	141			
06	142			
07	143		✓	
08 MS/MSD	144		6	
09	145		2	
10	146			
11	147			
12	148			
13	149			
14	150			
15	151			
16	152			
17	153			
18	154			
19	155			
TRIP BLANK	156	✓	✓	✓

CLIENT: NDRC

SDG #: 0927

[illegible]

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

CASE #: 5H095

AC70
~~AS 70~~
sep 10/2/95

LABORATORY COPY

ORIGINAL LOCATED
Page 1 of 3 (X # 88)

INIT	DATE
LB	12/27/15

INTERNAL CHAIN OF CUSTODY

SAMPLES RECEIVED BY L. Dunn DATE 9-29-95 TIME 1720

SIGNATURE

CLIENT I.D.	H2M LAB #	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
510950927A873-50	9527337	D	2	PUTCL
51	338			
52	339			
53	340			
54	341			
55	342			
STRIP BLANK	343	D	2	PUTCL
CDR 9-30-95				

10-2-4

PAGE No: 000130 A 0041

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516) 694-3040 FAX: (516) 694-4122

ENVIRONMENTAL and INDUSTRIAL ANALYTICAL LABORATORY

CLIENT: NDFC

Page 2 of 3

SDG #: 0927

INTERNAL CHAIN OF CUSTODY

[illegible]

PAGE No: 000131

V. ANALYTICAL DATA PACKAGES:

A. VOLATILES

H2M LABS, INC.

CASE: SH095

SDG: 0927

VOLATILE ORGANICS

TABLE OF CONTENTS

- I. QC SUMMARY
- II. SAMPLE DATA PACKAGE
- III. STANDARDS DATA PACKAGE
- IV. RAW QC DATA PACKAGE
- V. DOCUMENTATION

H2M LABS, INC.

I. QC SUMMARY FOR VOLATILE ORGANICS

- A. SYSTEM MONITORING RECOVERY FORM
- B. MS/MSD FORM
- C. MSB FORM
- D. METHOD BLANK FORM
- E. GC/MS TUNING FORM
- F. INTERNAL STANDARD AREA AND RT SUMMARY
- G. INSTRUMENT DETECTION LIMITS

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
01	VBLK9/30/95	92	101	93	0
02	927A87301	95	101	93	0
03	927A87302	91	100	93	0
04	927A87303	91	101	93	0
05	927A87304	92	100	91	0
06	927A87305	92	100	94	0
07	927A87306	93	101	93	0
08	927A87307	91	102	93	0
09	927A87308	93	101	91	0
10	927A87309	92	101	92	0
11	927A87310	93	100	92	0
12	927A87311	93	101	93	0
13	927A87312	92	102	91	0
14	927A87313	93	101	92	0
15	927A87314	94	101	93	0
16	927A87315	95	101	93	0
17	927A87316	92	100	102	0
18	927A87318	92	101	92	0
19	927A87319	93	101	92	0
20	TRIPBLANK	93	100	92	0
21	VBLK10/1/95	94	100	94	0
22	927A87317	95	100	91	0
23	VBLK10/3/95	95	102	94	0
24	MSB10/3/95	94	101	95	0
25	927A87308MS	95	101	93	0
26	927A87308MSD	95	100	94	0
27	927A87316DL	94	100	94	0
28	VBLK10/4/95	99	101	93	0
29	927A87350	100	101	88	0
30	927A87351	98	102	88	0
31	927A87352	98	101	90	0
32	927A87353	99	102	89	0
33	927A87354	96	102	88	0

QC LIMITS

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

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

V 0003
10/27/95
~~C011~~

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
34	927A87355	99	102	89	0
35	TRIPBLANK	97	102	88	0

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

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

Y 0004
10/27/10 ~~1 C012~~
3/90

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Matrix Spike - EPA Sample No.: 927A87308

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	52	104	61 - 145
Trichloroethene	50	0.0	42	84	71 - 120
Benzene	50	0.0	40	80	76 - 127
Toluene	50	0.0	40	80	76 - 125
Chlorobenzene	50	0.0	42	84	75 - 130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
1,1-Dichloroethene	50	51	102	2	14	61 - 145
Trichloroethene	50	42	84	0	14	71 - 120
Benzene	50	40	80	0	11	76 - 127
Toluene	50	40	80	0	13	76 - 125
Chlorobenzene	50	42	84	0	13	75 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

V 0005
 10/27/10 1-0313

3A
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: H2M LABS, INC

Contract: C003180

Lab Code: 10478 Case No.: SH095

SAS No.: _____

SDG No.: NDEC0927

Matrix Spike - EPA Sample No.: MSB10/3/95

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50	0	54	108	(61-145)
Trichloroethene	50	0	44	88	(71-120)
Benzene	50	0	41	82	(76-127)
Toluene	50	0	41	82	(76-125)
Chlorobenzene	50	0	43	86	(75-130)

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 10 outside limits

Comments: _____

V 0006

2/19/22
~~1-0014~~

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBK9/30/95

Lab Name: H2M LABS,INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Lab File ID: A06887.D Lab Sample ID: VBK30
Date Analyzed: 09/30/95 Time Analyzed: 20:33
GC Column: RTX502 ID: 0.53 (mm) Heated Purge: (Y/N) N
Instrument ID: H5971

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	927A87301	9527137	A06889.D	21:14
02	927A87302	9527138	A06890.D	21:34
03	927A87303	9527139	A06891.D	21:55
04	927A87304	9527140	A06892.D	22:15
05	927A87305	9527141	A06893.D	22:36
06	927A87306	9527142	A06894.D	22:56
07	927A87307	9527143	A06895.D	23:16
08	927A87308	9527144	A06896.D	23:37
09	927A87309	9527145	A06897.D	23:57
10	927A87310	9527146	A06898.D	00:17
11	927A87311	9527147	A06899.D	00:38
12	927A87312	9527148	A06900.D	00:58
13	927A87313	9527149	A06901.D	01:18
14	927A87314	9527150	A06902.D	01:39
15	927A87315	9527151	A06903.D	02:03
16	927A87316	9527152	A06904.D	02:23
17	927A87318	9527154	A06906.D	03:04
18	927A87319	9527155	A06907.D	03:25
19	TRIPBLANK	9527156	A06908.D	03:45

COMMENTS

V 0007

1-0015

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBK10/1/95

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Lab File ID: A06911.D Lab Sample ID: BLANK VBLK1
Date Analyzed: 10/01/95 Time Analyzed: 11:28
GC Column: RTX502 ID: 0.53 (mm) Heated Purge: (Y/N) N
Instrument ID: H5971

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	927A87317	9527153	A06913.D	12:10

COMMENTS

V 0008

~~1 0003~~

EPA SAMPLE NO.

VBLK10/3/95

Lab Name:	H2M LABS,INC	Contract:	C003180	VBLK10/3/95
Lab Code:	10478	Case No.:	SH095	SAS No.: _____ SDG No.: 0927
Lab File ID:	A06935.D			Lab Sample ID: VBLK10/3/95
Date Analyzed:	10/03/95			Time Analyzed: 11:57
GC Column:	RTX502. ID: 0.53 (mm)			Heated Purge: (Y/N) N
Instrument ID:	H5971			

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MSB10/3/95	MSB10/3/95	A06936.D	12:25
02	927A87308MS	9527144MS	A06939.D	13:38
03	927A87308MSD	9527144MSD	A06940.D	13:59
04	927A87316DL	9527152DL SHO9509	A06947.D	16:37

COMMENTS

Y 0909

~~1-0004~~

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBK10/4/95

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Lab File ID: A06969.D Lab Sample ID: VBK10/4/95
 Date Analyzed: 10/04/95 Time Analyzed: 11:55
 GC Column: RTX502. ID: 0.53 (mm) Heated Purge: (Y/N) N
 Instrument ID: H5971

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	927A87350	9527337	A06988.D	19:27
02	927A87351	9527338	A06989.D	19:48
03	927A87352	9527339, SHO950927A	A06990.D	20:08
04	927A87353	9527340	A06991.D	20:28
05	927A87354	9527341	A06992.D	20:49
06	927A87355	9527342	A06993.D	21:09
07	TRIPBLANK	9527343	A06994.D	21:29

COMMENTS

V 0010
C005
10/2/95

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: H2M LABS,INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0928
 Lab File ID: A06110.D BFB Injection Date: 07/12/95
 Instrument ID: H5971 BFB Injection Time: 10:26
 GC Column: RTX502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.6
75	30.0 - 60.0% of mass 95	37.5
95	Base peak, 100% relative abundance	100.0
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	71.8
175	5.0 - 9.0% of mass 174	5.2 (7.2)1
176	95.0 - 101.0% of mass 174	70.3 (98.0)1
177	5.0 - 9.0% of mass 176	4.4 (6.3)2

1-Value is % mass 174

2-Value is % mass 176

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD020	VSTD020	A06111.D	07/12/95	11:18
02	VSTD010	VSTD010	A06112.D	07/12/95	11:47
03	VSTD050	VSTD050	A06113.D	07/12/95	12:13
04	VSTD100	VSTD100	A06114.D	07/12/95	13:14
05	VSTD200	VSTD200	A06115.D	07/12/95	13:41

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Lab File ID: A06885.D BFB Injection Date: 09/30/95
 Instrument ID: H5971 BFB Injection Time: 19:13
 GC Column: RTX502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.8
75	30.0 - 60.0% of mass 95	39.2
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	70.1
175	5.0 - 9.0% of mass 174	5.1 (7.3)1
176	95.0 - 101.0% of mass 174	67.5 (96.2)1
177	5.0 - 9.0% of mass 176	4.6 (6.8)2

1-Value is % mass 174

2-Value is % mass 176

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	STANDARD 50PPB	A06886.D	09/30/95	20:13
02	VBLK9/30/95	VBLK30	A06887.D	09/30/95	20:33
03	927A87301	9527137	A06889.D	09/30/95	21:14
04	927A87302	9527138	A06890.D	09/30/95	21:34
05	927A87303	9527139	A06891.D	09/30/95	21:55
06	927A87304	9527140	A06892.D	09/30/95	22:15
07	927A87305	9527141	A06893.D	09/30/95	22:36
08	927A87306	9527142	A06894.D	09/30/95	22:56
09	927A87307	9527143	A06895.D	09/30/95	23:16
10	927A87308	9527144	A06896.D	09/30/95	23:37
11	927A87309	9527145	A06897.D	09/30/95	23:57
12	927A87310	9527146	A06898.D	10/01/95	00:17
13	927A87311	9527147	A06899.D	10/01/95	00:38
14	927A87312	9527148	A06900.D	10/01/95	00:58
15	927A87313	9527149	A06901.D	10/01/95	01:18
16	927A87314	9527150	A06902.D	10/01/95	01:39
17	927A87315	9527151	A06903.D	10/01/95	02:03
18	927A87316	9527152	A06904.D	10/01/95	02:23
19	927A87318	9527154	A06906.D	10/01/95	03:04
20	927A87319	9527155	A06907.D	10/01/95	03:25
21	TRIPBLANK	9527156	A06908.D	10/01/95	03:45

V-0012
1-0007
29
10/12/95

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Lab File ID: A06909.D BFB Injection Date: 10/01/95
 Instrument ID: H5971 BFB Injection Time: 10:01
 GC Column: RTX502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.4
75	30.0 - 60.0% of mass 95	38.4
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	69.6
175	5.0 - 9.0% of mass 174	5.1 (7.4)1
176	95.0 - 101.0% of mass 174	69.2 (99.3)1
177	5.0 - 9.0% of mass 176	4.6 (6.6)2

1-Value is % mass 174

2-Value is % mass 176

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	STANDARD VSTD05	A06910.D	10/01/95	10:58
02	VLK10/1/95	BLANK VBLK1	A06911.D	10/01/95	11:28
03	927A87317	9527153	A06913.D	10/01/95	12:10

10/27/95
 V 0013
 V 0008
 V 0013

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Lab File ID: A06932.D BFB Injection Date: 10/03/95
 Instrument ID: H5971 BFB Injection Time: 10:36
 GC Column: RTX502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.2
75	30.0 - 60.0% of mass 95	37.8
95	Base peak, 100% relative abundance	100.0
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	71.2
175	5.0 - 9.0% of mass 174	5.3 (7.5)1
176	95.0 - 101.0% of mass 174	70.4 (98.8)1
177	5.0 - 9.0% of mass 176	4.6 (6.6)2

1-Value is % mass 174

2-Value is % mass 176

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	VSTD050	A06934.D	10/03/95	11:29
02	VLK10/3/95	VLK10/3/95	A06935.D	10/03/95	11:57
03	MSB10/3/95	MSB10/3/95	A06936.D	10/03/95	12:25
04	927A87308MS	9527144MS	A06939.D	10/03/95	13:38
05	927A87308MSD	9527144MSD	A06940.D	10/03/95	13:59
06	927A87316DL	9527152DL SH09509	A06947.D	10/03/95	16:37

V 0014

2/7/22/95
~~CCCC~~

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Lab File ID: A06967.D BFB Injection Date: 10/04/95
 Instrument ID: H5971 BFB Injection Time: 10:35
 GC Column: RTX502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.6
75	30.0 - 60.0% of mass 95	38.5
95	Base peak, 100% relative abundance	100.0
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	71.4
175	5.0 - 9.0% of mass 174	5.3 (7.5)1
176	95.0 - 101.0% of mass 174	70.0 (98.0)1
177	5.0 - 9.0% of mass 176	4.6 (6.6)2

1-Value is % mass 174

2-Value is % mass 176

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	VSTD050	A06968.D	10/04/95	11:17
02	VBLK10/4/95	VBLK10/4/95	A06969.D	10/04/95	11:55
03	927A87350	9527337	A06988.D	10/04/95	19:27
04	927A87351	9527338	A06989.D	10/04/95	19:48
05	927A87352	9527339, SHO950927A	A06990.D	10/04/95	20:08
06	927A87353	9527340	A06991.D	10/04/95	20:28
07	927A87354	9527341	A06992.D	10/04/95	20:49
08	927A87355	9527342	A06993.D	10/04/95	21:09
09	TRIPBLANK	9527343	A06994.D	10/04/95	21:29

V 0015
~~1-0010~~
10/27/95

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Lab File ID (Standard): A06886.D Date Analyzed: 09/30/95
 Instrument ID: H5971 Time Analyzed: 20:13
 GC Column: RTX502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

	IS1(BCM)		IS2(DFB)		IS3(CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR ST	42403	9.03	187898	9.92	156261	13.13
UPPER LIMIT	84806	8.53	375796	9.42	312522	12.63
LOWER LIMIT	21202	9.53	93949	10.42	78131	13.63
EPA SAMPLE NO.						
01 VBLK9/30/95	43567	9.03	191691	9.93	158101	13.14
02 927A87301	41638	9.04	186165	9.92	153740	13.14
03 927A87302	44014	9.03	193262	9.93	159704	13.13
04 927A87303	42885	9.03	186238	9.92	153470	13.13
05 927A87304	43728	9.04	190467	9.93	159498	13.13
06 927A87305	43736	9.03	190488	9.92	158051	13.13
07 927A87306	42310	9.04	184717	9.92	153160	13.13
08 927A87307	43617	9.04	189784	9.93	157058	13.13
09 927A87308	42501	9.04	187386	9.93	154590	13.14
10 927A87309	42833	9.04	188053	9.93	155849	13.14
11 927A87310	43489	9.04	193093	9.93	160778	13.14
12 927A87311	43153	9.04	190219	9.92	157047	13.13
13 927A87312	43714	9.04	192007	9.93	157619	13.14
14 927A87313	42524	9.04	189066	9.93	154820	13.13
15 927A87314	43126	9.04	192192	9.93	158853	13.13
16 927A87315	42034	9.04	190892	9.92	156980	13.13
17 927A87316	44167	9.04	197740	9.93	161460	13.13
18 927A87318	42566	9.04	186661	9.93	155410	13.14
19 927A87319	43960	9.04	194795	9.93	160156	13.14
20 TRIPBLANK	42269	9.04	185625	9.93	153142	13.14

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 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 to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

1 C016

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: SDG No.: 0927
 Lab File ID (Standard): A06910.D Date Analyzed: 10/01/95
 Instrument ID: H5971 Time Analyzed: 10:58
 GC Column: RTX502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR ST	43959	9.04	195217	9.93	160543	13.14
UPPER LIMIT	87918	8.54	390434	9.43	321086	12.64
LOWER LIMIT	21980	9.54	97609	10.43	80272	13.64
EPA SAMPLE NO.						
01 VBLK10/1/95	42243	9.04	187125	9.93	152233	13.14
02 927A87317	42514	9.05	190944	9.94	157997	13.15

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 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 to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

V C017

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: H2M LABS,INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Lab File ID (Standard): A06934.D Date Analyzed: 10/03/95
 Instrument ID: H5971 Time Analyzed: 11:29
 GC Column: RTX502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

	IS1(BCM)		IS2(DFB)		IS3(CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR ST	41554	9.06	182953	9.95	150307	13.15
UPPER LIMIT	83108	8.56	365906	9.45	300614	12.65
LOWER LIMIT	20777	9.56	91477	10.45	75154	13.65
EPA SAMPLE NO.						
01 VBLK10/3/95	41644	9.06	186378	9.95	151243	13.15
02 MSB10/3/95	43454	9.05	194138	9.95	158267	13.15
03 927A87308MS	42525	9.05	187799	9.95	155007	13.16
04 927A87308MS	43145	9.06	189823	9.95	157434	13.16
05 927A87316DL	42874	9.06	187319	9.95	155218	13.16

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 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 to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

V C018

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: H2M LABS,INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Lab File ID (Standard): A06968.D Date Analyzed: 10/04/95
 Instrument ID: H5971 Time Analyzed: 11:17
 GC Column: RTX502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR ST	41535	9.05	186188	9.95	154884	13.15
UPPER LIMIT	83070	8.55	372376	9.45	309768	12.65
LOWER LIMIT	20768	9.55	93094	10.45	77442	13.65
EPA SAMPLE NO.						
01 VBLK10/4/95	41856	9.06	187269	9.95	153024	13.15
02 927A87350	41610	9.05	184305	9.94	152291	13.15
03 927A87351	42785	9.05	185868	9.94	151500	13.15
04 927A87352	43173	9.05	189435	9.94	155473	13.15
05 927A87353	43269	9.05	192117	9.94	156422	13.15
06 927A87354	42855	9.05	189691	9.94	154066	13.14
07 927A87355	42814	9.05	188385	9.95	152576	13.15
08 TRIPBLANK	43581	9.05	191837	9.94	156031	13.15

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 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 to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

V C019

		VOA INSTRUMENT DETECTION LIMIT STUDY											
STUDY DATE 05/22/95		INST.ID		HP5971		COLUMN.ID		RTX502.2					
MATRIX H2O		METHOD NO.		TCL									
AMOUNT SPIKED 2PPB 20PPB TBA													
RUNS A05570,71,72,73,75,76,77													
	NG	NG	NG	NG	NG	NG	NG					EPA	
COMPOUND NAME	Idl1	Idl1	Idl1	Idl1	Idl1	Idl1	Idl1	AVE	SD	IDL	CRQL	624	
Freon1113(Chlorotrifluoroe	4	5	4	2	5	5	5	5	1.03	3	50	5	
Chloromethane	15	15	17	15	15	16	14	15	0.76	2	50	5	
Vinyl Chloride	11	11	11	11	11	9	11	11	0.67	2	50	5	
Bromomethane	16	15	15	15	14	13	14	15	0.80	2	50	5	
Chloroethane	16	14	16	13	15	15	13	15	1.32	4	50	5	
Acetone	14	13	13	12	12	13	12	13	0.68	2	50		
Freon 123A(1,2-dichl-trfluo-	16	18	16	14	14	16	15	16	1.23	4	50	5	
F113(112Trichlorotrifluoroe	10	10	10	10	9	8	10	10	0.76	2	50	5	
Carbon Disulfide	11	10	10	10	10	9	10	10	0.64	2	50	5	
1,1-Dichloroethene	12	12	11	11	11	10	11	11	0.68	2	50	5	
Methylene Chloride	16	19	18	16	16	17	16	17	0.90	3	50	5	
1,2-Dichloroethene (total)	12	12	11	12	12	10	12	11	0.49	1	50	5	
1,1-Dichloroethane	15	18	17	16	16	17	16	16	0.82	2	50	5	
Chloroform	12	12	12	12	12	12	13	12	0.19	1	50	5	
1,2-Dichloroethane	14	17	15	14	15	15	14	15	1.08	3	50	5	
2-Butanone	16	19	17	16	16	17	16	17	1.05	3	50		
1,1,1-Trichloroethane	15	17	16	15	15	16	16	16	0.87	3	50	5	
Carbon Tetrachloride	15	18	16	16	16	16	15	16	0.86	3	50	5	
Benzene	14	16	15	14	14	15	14	15	0.84	3	50	5	
Trichloroethene	13	16	14	14	14	14	13	14	0.93	3	50	5	
1,2-Dichloropropane	12	12	12	12	12	11	12	12	0.41	1	50	5	
Bromodichloromethane	12	14	13	12	12	13	12	13	0.82	2	50	5	
cis-1,3-Dichloropropene	15	18	16	16	16	17	16	16	0.92	3	50	5	
trans-1,3-Dichloropropene	11	12	12	11	11	12	11	12	0.53	2	50	5	
1,1,2-Trichloroethane	12	12	12	12	12	11	12	12	0.23	1	50	5	
Dibromochloromethane	15	15	15	13	14	15	13	14	0.69	2	50	5	
Bromoform	7	7	7	6	7	6	8	7	0.66	2	50	5	
4-Methyl-2-Pentanone	13	12	13	12	12	13	12	13	0.57	2	50		
Toluene	15	18	17	16	16	16	16	16	0.75	2	50	5	
2-Hexanone	15	17	16	15	16	16	15	16	0.85	3	50		
Tetrachloroethene	14	14	13	12	13	13	13	13	0.62	2	50	5	
Chlorobenzene	15	15	14	14	14	14	14	14	0.53	2	50	5	
Ethylbenzene	12	12	12	12	11	11	12	12	0.49	1	50	5	
Styrene	14	16	16	15	15	16	15	15	0.86	3	50	5	
Xylene (total)	11	10	10	10	11	10	10	10	0.26	1	50	5	
1,1,2,2-Tetrachloroethane	10	10	10	10	11	10	11	10	0.17	1	50	5	
m/p-Xylene	24	24	23	24	23	22	24	23	0.95	3	50	5	

1 0020

H2M LABS, INC.

II. SAMPLE DATA PACKAGE FOR VOLATILE ORGANICS

- A. REPORTS
- B. RAW DATA

H2M LABS, INC.

QUALIFIERS FOR REPORTING ORGANICS DATA

Value - If the result is a value greater than or equal to the quantification limit, report the value.

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture. For example, 10U for phenol in water if the sample final volume is the protocol-specified final volume. If a 1 to 10 dilution of extract is necessary, the reported limit is 100 U. For a soil sample, the value must also be adjusted for percent moisture. For example, if the sample had 24% moisture and a 1 to 10 dilution factor, the sample quantitation limit for phenol (330 U) would be corrected to

$$\frac{(330 \text{ U}) \times \text{df}}{D} \text{ where } D = \frac{100 - \% \text{ moisture}}{100}$$

and df = dilution factor

For example, at 24% moisture, $D = \frac{100 - 24}{100} = 0.76$

$\frac{(330 \text{ U}) \times 10}{.76} = 4300 \text{ U}$ rounded to the appropriate number of significant figures

For semivolatile soil samples, the extract must be concentrated to 0.5 mL, and the sensitivity of the analysis is not compromised by the cleanup procedures. Similarly, pesticide samples subjected to GPC are concentrated to 5.0 mL. Therefore, the CRQL values in Exhibit C will apply to all samples, regardless of cleanup. However, if a sample extract cannot be concentrated to the protocol-specified volume (see Exhibit C), this fact must be accounted for in reporting the sample quantitation limit.

J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified quantification limit but greater than zero. (e.g.: If limit of quantification is 10 ug/l and a concentration of 3 ug/l is calculated, report as 3J.) The sample quantitation limit must be adjusted for dilution as discussed for the U flag.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.

P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a "P".

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS. If GC/MS confirmation was attempted but was unsuccessful, do not apply this flag, instead use a Laboratory-defined flag, discussed below.

H2M LABS, INC.

B - This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action. This flag must be used for a TIC as well as for a positively identified target compound.

E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis. If one or more compounds have a response greater than full scale, except as noted in Exhibit D, the sample or extract must be diluted and re-analyzed according to the specifications in Exhibit D. All such compounds with a response greater than full scale should have the concentration flagged with an "E" on the Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses shall be reported on separate copies of Form I. The Form I for the diluted sample shall have the "DL" suffix appended to the sample number. NOTE: For total xylenes, where three isomers are quantified as two peaks, the calibration range of each peak should be considered separately, e.g., a diluted analysis is not required for total xylenes unless the concentration of the peak representing the single isomer exceeds 200 ug/l or the peak representing the two coeluting isomers on that GC column exceeds 400 ug/l. Similarly, if the two 1,2-Dichloroethene isomers coelute, a diluted analysis is not required unless the concentration exceeds 400 ug/l.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values reported on that Form I are flagged with the "D" flag. This flag alerts data users that any discrepancies between the concentrations reported may be due to dilution of the sample or extract.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

X - Other specific flags may be required to properly define the results. If used, they must be fully described, and such description attached to the Sample Data Summary Package and the SDG narrative. Begin by using "X". If more than one flag is required, use "Y" and "Z" as needed. If more than five qualifiers are required for a sample result, use the "X" flag to combine several flags as needed. For instance, the "X" flag might combine "A", "B", and "D" flags for some samples. The Laboratory defined flags limited to the letters "X", "Y" and "Z".

The combination of flags "BU" or "UB" is expressly prohibited. Blank contaminants are flagged "B" only when they are detected in the sample.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950
927A87301

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Matrix: (soil/water) WATER Lab Sample ID: 9527137
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06889.D
 Level: (low/med) LOW Date Received: 09/28/95
 % Moisture: not dec. _____ Date Analyzed: 09/30/95
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

V C024

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0905-
927A87301

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527137
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06889.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. Date Analyzed: 09/30/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
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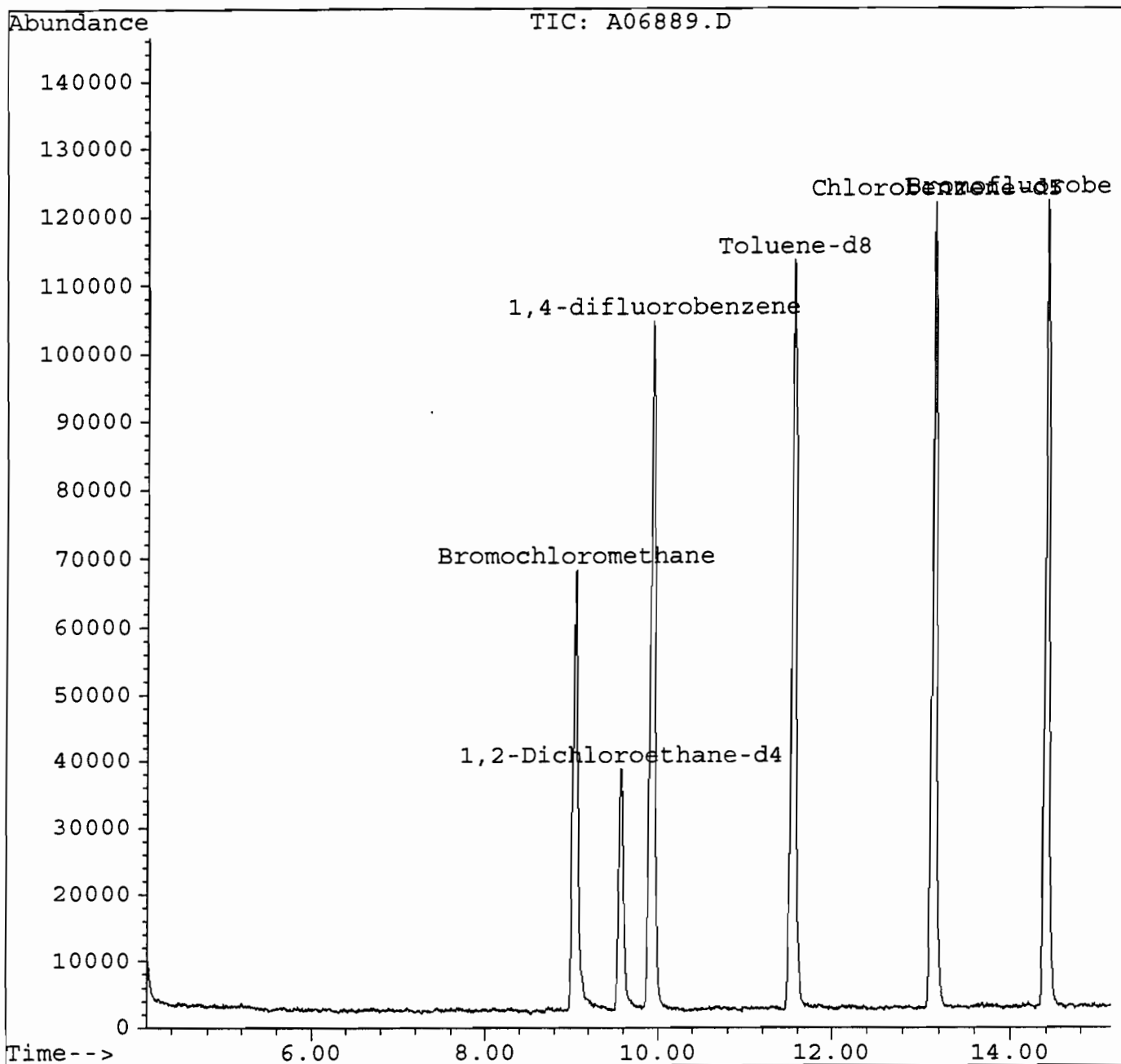
✓ 0025

Quantitation Report

Data File : S:\MS\MS2\SEP95\A06889.D
Acq On : 30 Sep 95 9:14 pm
Sample : 9527137 SHO950927A873-01
Misc : 9527137
Quant Time: Oct 18 11:26 1995

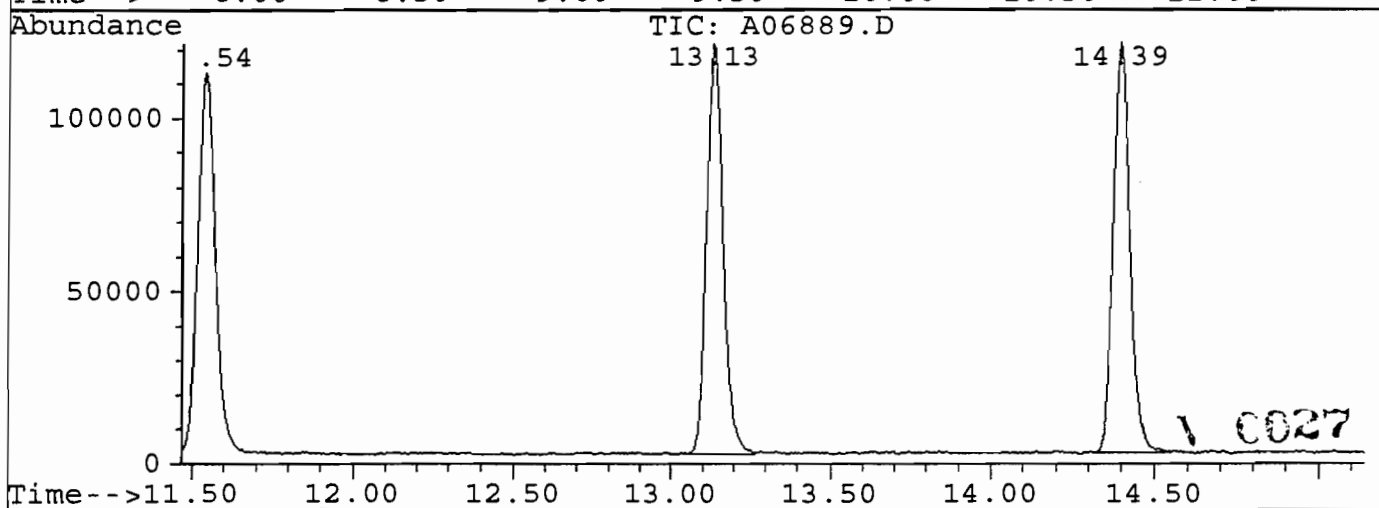
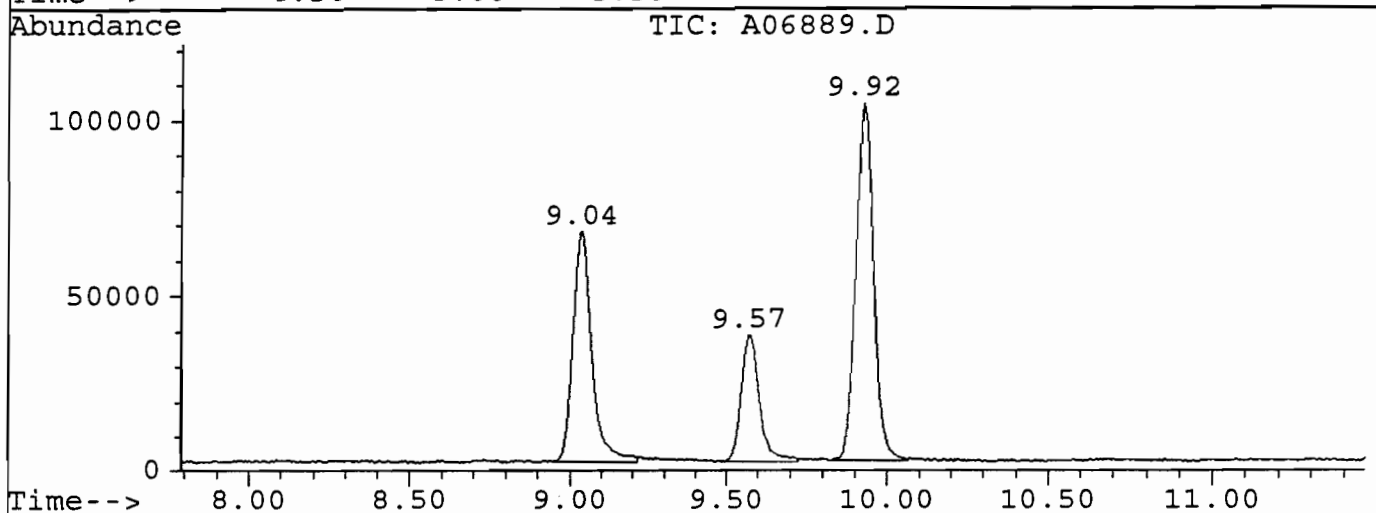
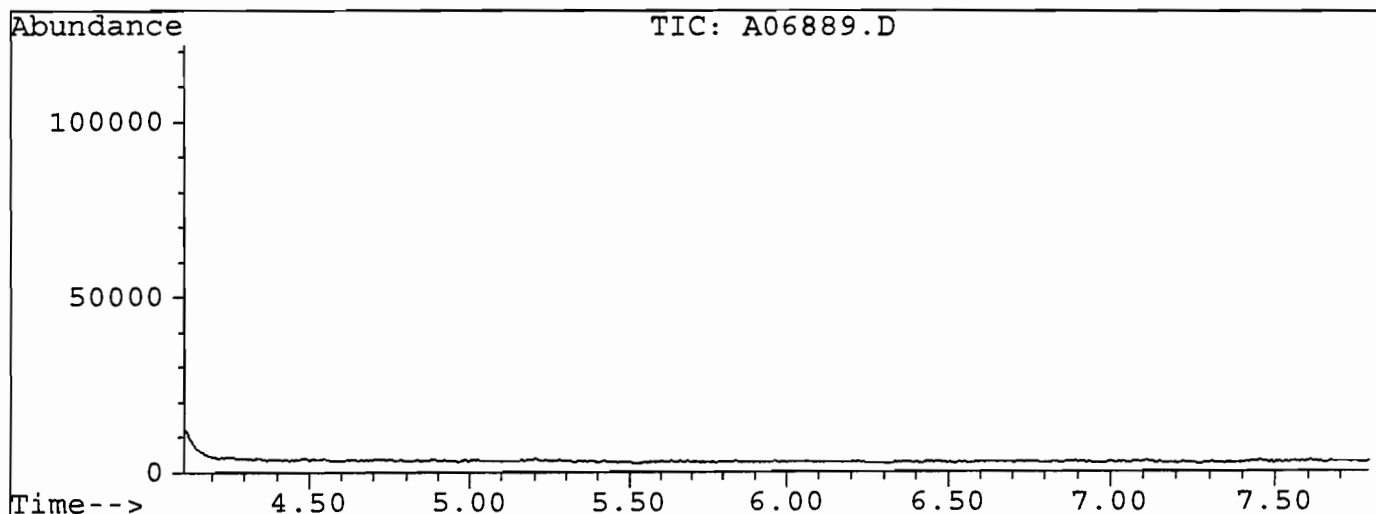
Vial: 5
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



1 0026

File : S:\MS\MS2\SEP95\A06889.D
Operator : MSD
Acquired : 30 Sep 95 9:14 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527137 SHO950927A873-01
Misc Info : 9527137
Vial Number: 5



Quantitation Report

Data File : S:\MS\MS2\SEP95\A06889.D
 Acq On : 30 Sep 95 21:14
 Sample : 9527137 SHO950927A873-01
 Misc : 9527137
 Quant Time: Oct 18 11:26 1995

Vial: 5
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.04	128	41638	50.00	UG/L	0.01
21) 1,4-difluorobenzene	9.92	114	186165	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.14	117	153740	50.00	UG/L	0.00
System Monitoring Compounds						%Recovery
18) 1,2-Dichloroethane-d4	9.57	65	42404	47.29	UG/L	
34) Toluene-d8	11.54	98	160460	50.42	UG/L	
43) Bromofluorobenzene	14.39	95	101621	46.28	UG/L	

Target Compounds Qvalue

\ 0028

(#) = qualifier out of range (m) = manual integration

Library Search Compound Report

Data File : S:\MS\MS2\SEP95\A06889.D
Acq On : 30 Sep 95 9:14 pm
Sample : 9527137 SHO950927A873-01
Misc : 9527137

Vial: 5
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

✓ 0029

IC: A06889.D

9527137 SHO950927A873-01

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.036	rBV	0.266	278058	8.947	9.213
2	9.567	rBV	0.248	147796	9.479	9.727
3	9.922	rBV	0.249	398377	9.815	10.064
4	11.538	rBV	0.237	428606	11.450	11.686
5	13.132	rBV	0.231	431026	13.037	13.268
6	14.395	rVB	0.225	417500	14.323	14.548

V 0030

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950-
927A87302

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Matrix: (soil/water) WATER Lab Sample ID: 9527138
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06890.D
 Level: (low/med) LOW Date Received: 09/28/95
 % Moisture: not dec. _____ Date Analyzed: 09/30/95
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950
927A87302

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527138
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06890.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 09/30/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
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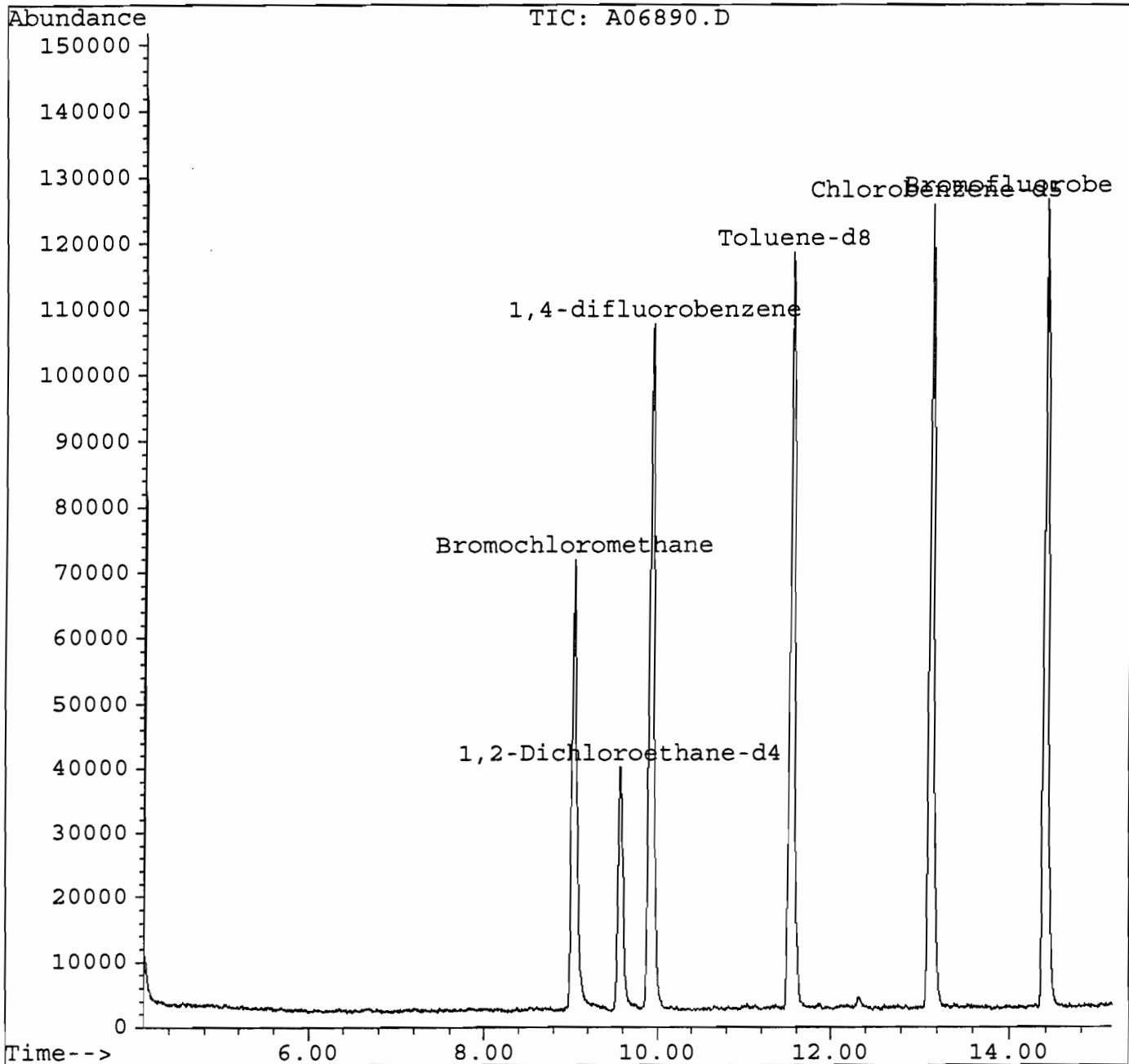
V C032

Quantitation Report

Data File : S:\MS\MS2\SEP95\A06890.D
Acq On : 30 Sep 95 9:34 pm
Sample : 9527138 SH0950927A873-02
Misc : 9527138
Quant Time: Oct 6 12:35 1995

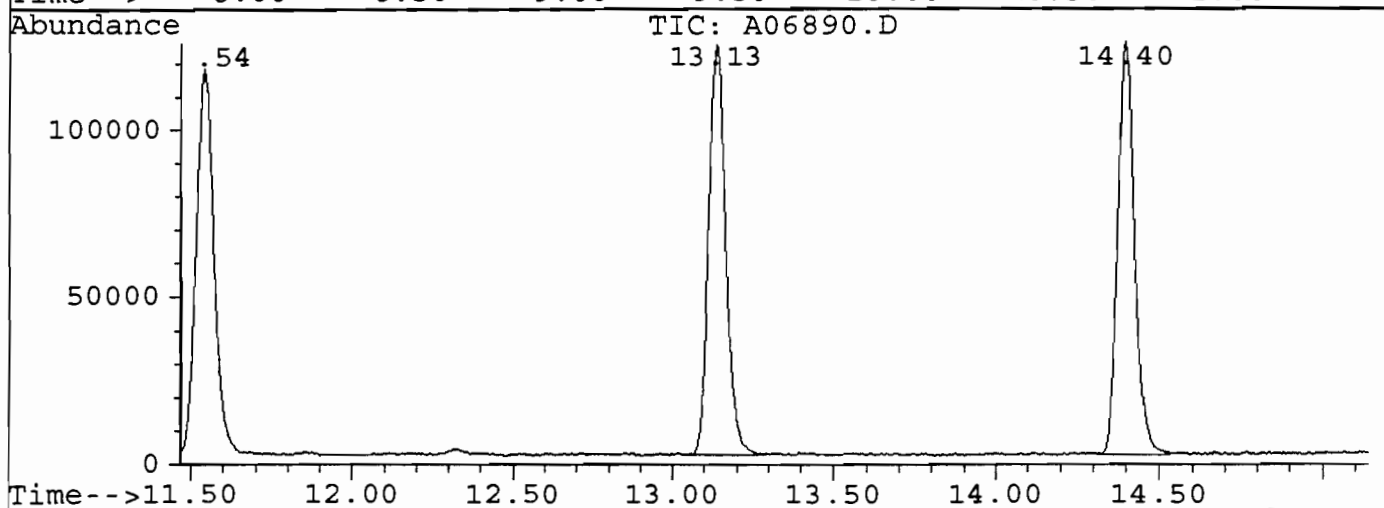
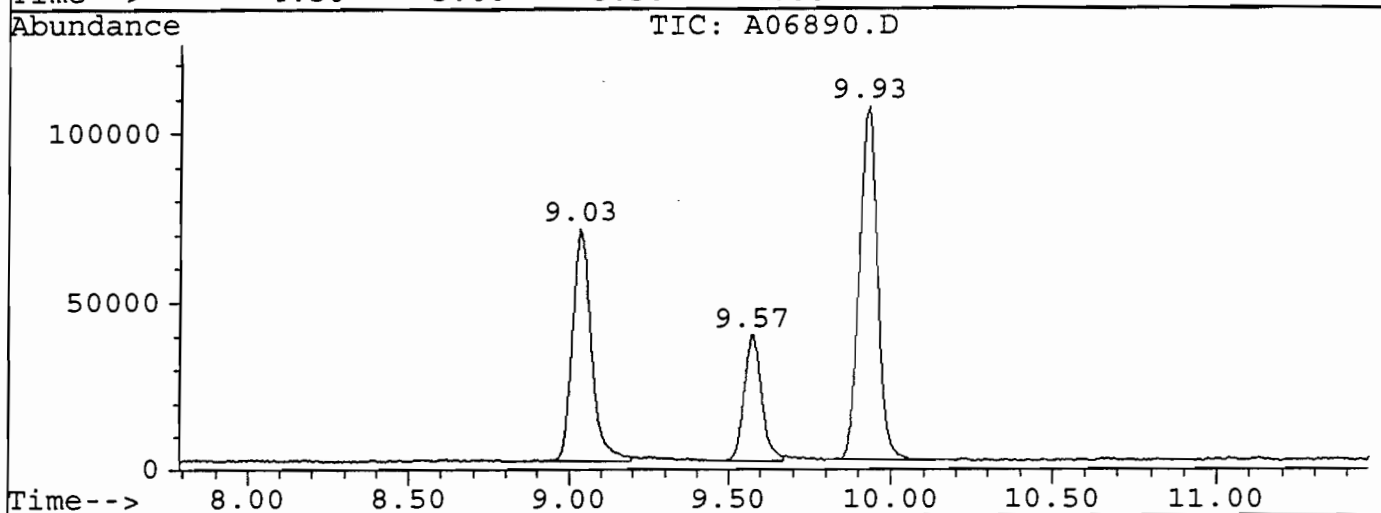
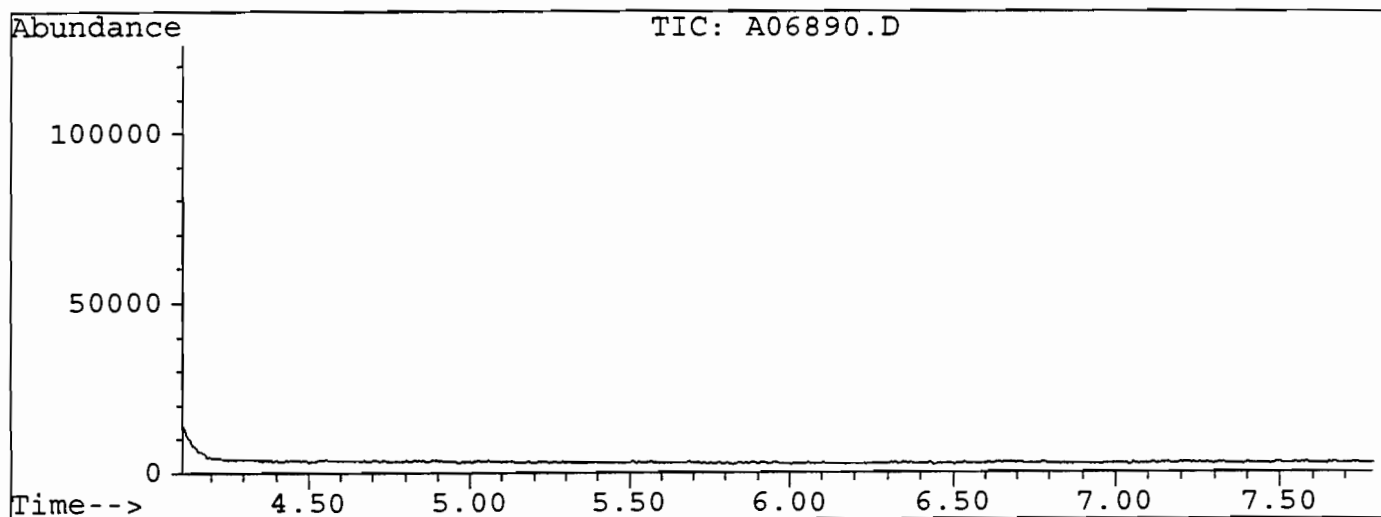
Vial: 6
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V C033

File : S:\MS\MS2\SEP95\A06890.D
Operator : MSD
Acquired : 30 Sep 95 9:34 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527138 SHO950927A873-02
Misc Info : 9527138
Vial Number: 6



Quantitation Report

Data File : S:\MS\MS2\SEP95\A06890.D
 Acq On : 30 Sep 95 21:34
 Sample : 9527138 SHO950927A873-02
 Misc : 9527138
 Quant Time: Oct 6 12:35 1995

Vial: 6
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.03	128	44014	50.00	UG/L	0.00
21) 1,4-difluorobenzene	9.93	114	193262	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.13	117	159704	50.00	UG/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	%Recovery
18) 1,2-Dichloroethane-d4	9.57	65	43253	45.64	UG/L	
34) Toluene-d8	11.54	98	165906	50.18	UG/L	
43) Bromofluorobenzene	14.40	95	105789	46.38	UG/L	

Target Compounds Qvalue

Library Search Compound Report

Data File : S:\MS\MS2\SEP95\A06890.D
Acq On : 30 Sep 95 9:34 pm
Sample : 9527138 SHO950927A873-02
Misc : 9527138

Vial: 6
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

V 0036

IC: A06890.D

9527138 SHO950927A873-02

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.030	rBV	0.290	289831	8.906	9.196
2	9.568	rBV	0.183	147761	9.485	9.668
3	9.928	rVB	0.260	410512	9.821	10.082
4	11.539	rBV	0.266	444206	11.456	11.722
5	13.132	rBV	0.243	447752	13.049	13.292
6	14.395	rBV	0.219	433752	14.312	14.531

V 0037

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950-
927A87303

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Matrix: (soil/water) WATER Lab Sample ID: 9527139
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06891.D
 Level: (low/med) LOW Date Received: 09/28/95
 % Moisture: not dec. _____ Date Analyzed: 09/30/95
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-35-4	1,1-Dichloroethene	2	J	
75-15-0	Carbon Disulfide	10	U	
67-64-1	Acetone	10	U	
75-09-2	Methylene Chloride	10	U	
540-59-0	1,2-Dichloroethene (total)	10	U	
75-34-4	1,1-Dichloroethane	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	87		
56-23-5	Carbon Tetrachloride	10	U	
79-01-6	Trichloroethene	16		
71-43-2	Benzene	10	U	
78-87-5	1,2-Dichloropropane	10	U	
75-27-4	Bromodichloromethane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
10061-02-6	trans-1,3-Dichloropropene	10	U	
79-00-5	1,1,2-Trichloroethane	10	U	
124-48-1	Dibromochloromethane	10	U	
75-25-2	Bromoform	10	U	
108-10-1	4-Methyl-2-Pentanone	10	U	
108-88-3	Toluene	10	U	
127-18-4	Tetrachloroethene	3	J	
591-78-6	2-Hexanone	10	U	
108-90-7	Chlorobenzene	10	U	
100-41-4	Ethylbenzene	10	U	
1330-20-7	Xylene (total)	10	U	
100-42-5	Styrene	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950-
927A87303

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527139
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06891.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 09/30/95
GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

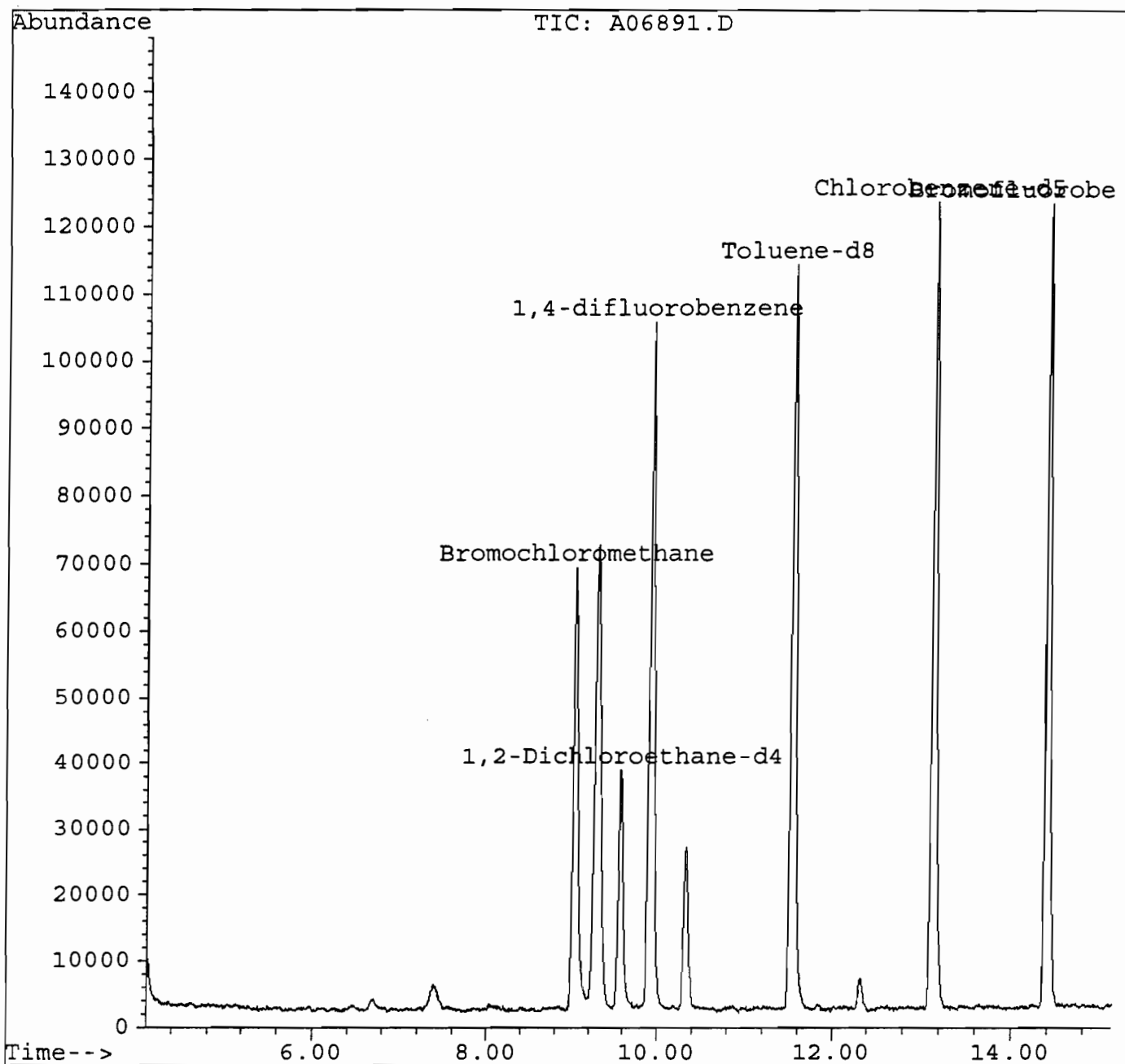
CAS NO.	COMPOUND	RT	EST. CONC.	Q
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Quantitation Report

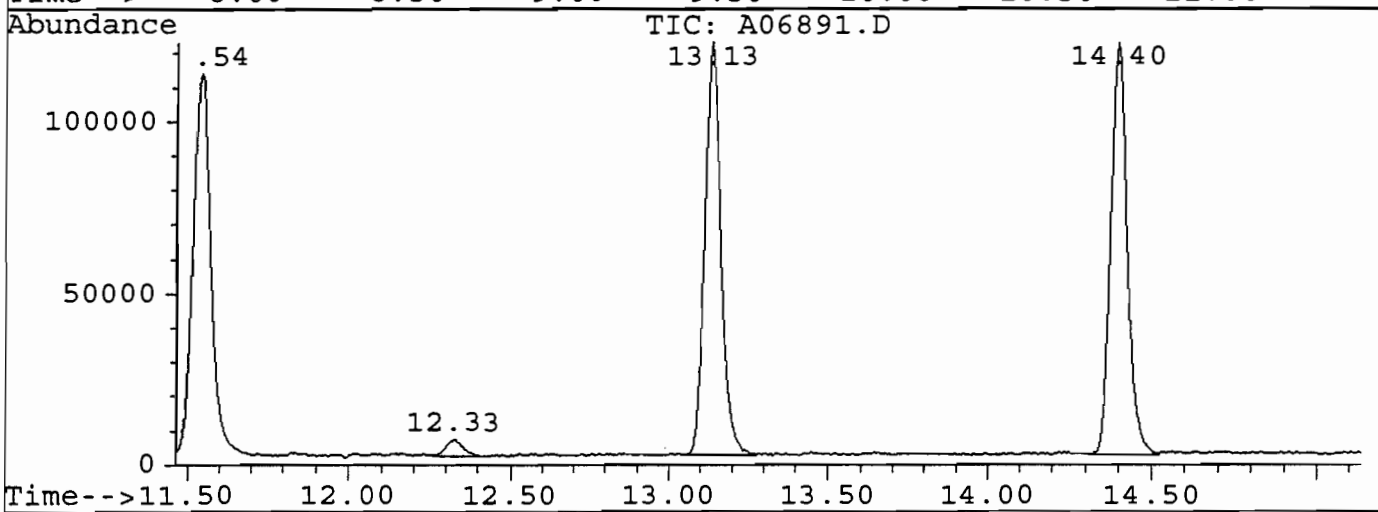
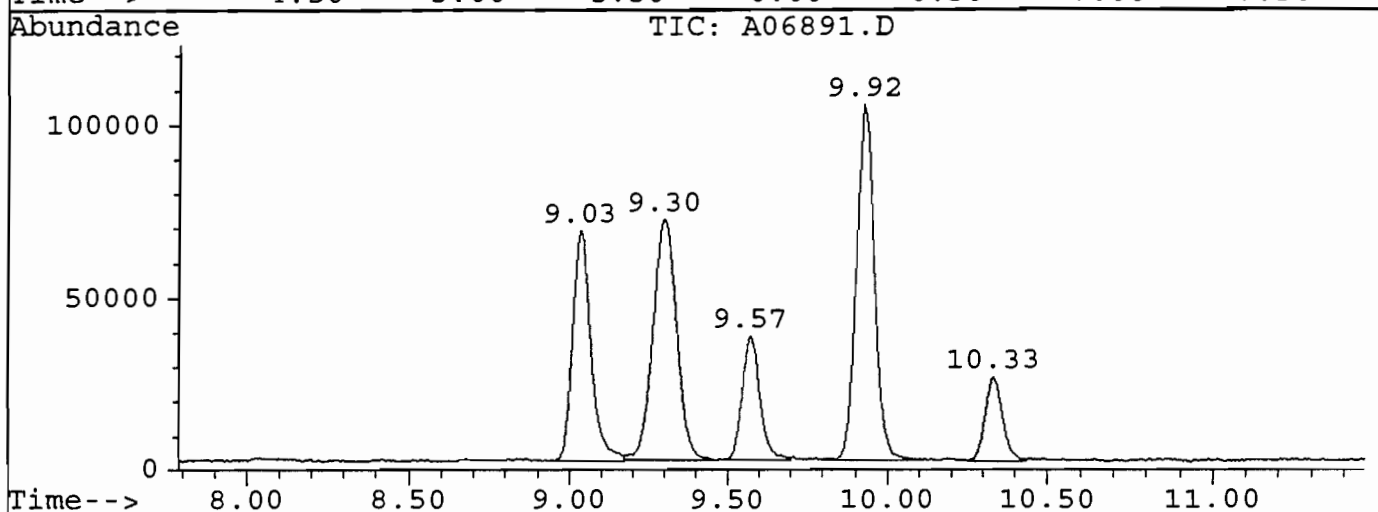
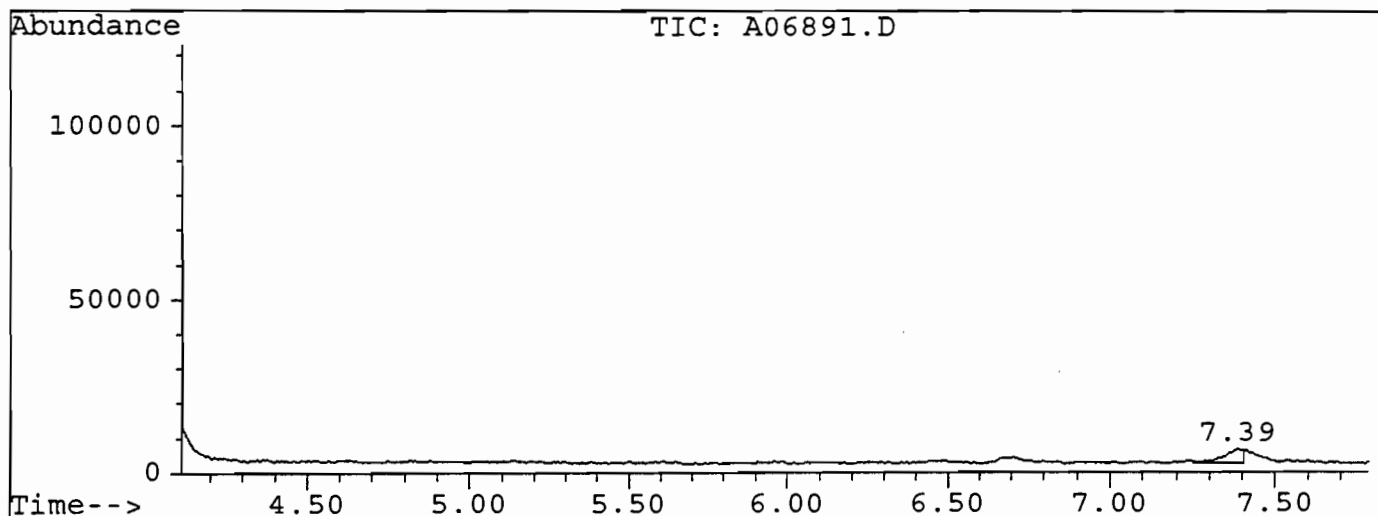
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 Acq On : 30 Sep 95 9:55 pm
 Sample : 9527139 SHO950927A873-03
 Misc : 9527139
 Quant Time: Oct 18 11:27 1995

Vial: 7
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Wed Oct 11 14:44:19 1995
 Response via : Single Level Calibration



File : S:\MS\MS2\SEP95\A06891.D
Operator : MSD
Acquired : 30 Sep 95 9:55 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527139 SHO950927A873-03
Misc Info : 9527139
Vial Number: 7



Quantitation Report

Data File : S:\MS\MS2\SEP95\A06891.D
 Acq On : 30 Sep 95 21:55
 Sample : 9527139 SHO950927A873-03
 Misc : 9527139
 Quant Time: Oct 18 11:27 1995

Vial: 7
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.03	128	42885	50.00	UG/L	0.00
21) 1,4-difluorobenzene	9.92	114	186238	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.13	117	153470	50.00	UG/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	%Recovery
18) 1,2-Dichloroethane-d4	9.57	65	41959	45.44	UG/L	
34) Toluene-d8	11.54	98	159993	50.36	UG/L	
43) Bromofluorobenzene	14.40	95	101573	46.34	UG/L	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) 1,1-Dichloroethene	6.69	96	1849m	2.35	UG/L	31
22) 1,1,1-Trichloroethane	9.30	97	113767	86.64	UG/L	98
24) Trichloroethene	10.33	130	19023	15.71	UG/L	99
37) Tetrachloroethene	12.33	164	2409m	3.07	UG/L	2

SV
 9/22/95

(#) = qualifier out of range (m) = manual integration

V 0042

Library Search Compound Report

Data File : S:\MS\MS2\SEP95\A06891.D
Acq On : 30 Sep 95 9:55 pm
Sample : 9527139 SHO950927A873-03
Misc : 9527139

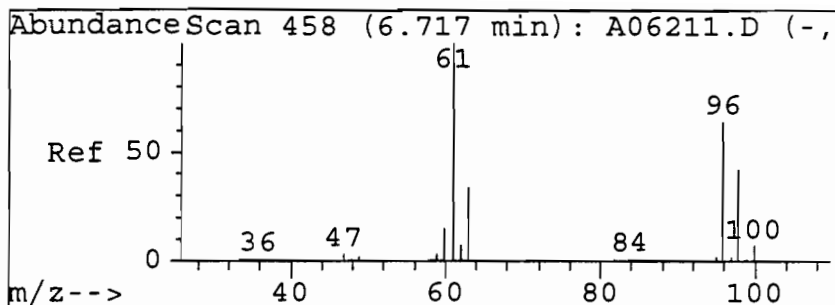
Vial: 7
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

\ C043

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	7.385	rBV	0.130	15429	7.273	7.403
2	9.031	rBV	0.242	277532	8.930	9.173
3	9.297	rVB	0.290	364728	9.173	9.462
4	9.569	rBV	0.213	143389	9.486	9.699
5	9.923	rBV	0.308	400547	9.799	10.107
6	10.331	rBV	0.183	94041	10.254	10.437
7	11.540	rBV	0.266	428767	11.440	11.706
8	12.325	rVB	0.154	18310	12.260	12.414
9	13.134	rBV	0.231	431341	13.045	13.276
10	14.397	rBV	0.213	420204	14.308	14.521



#6

1,1-Dichloroethene

Concen: 2.35 UG/L m

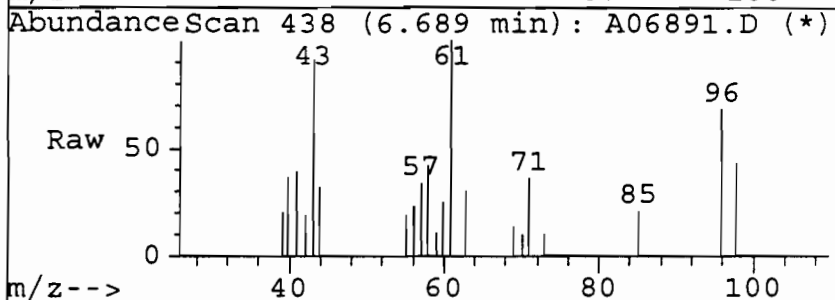
RT: 6.69 min Scan# 438

Delta R.T. -0.01 min

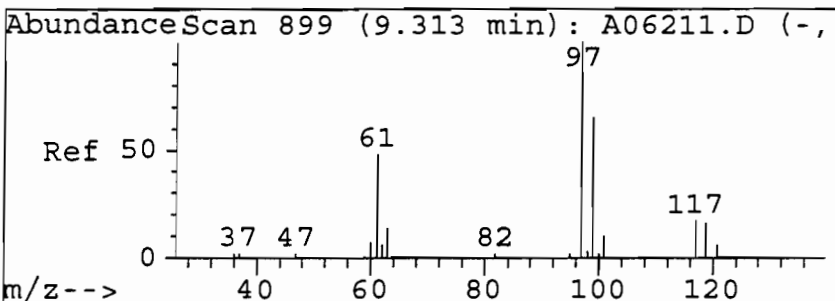
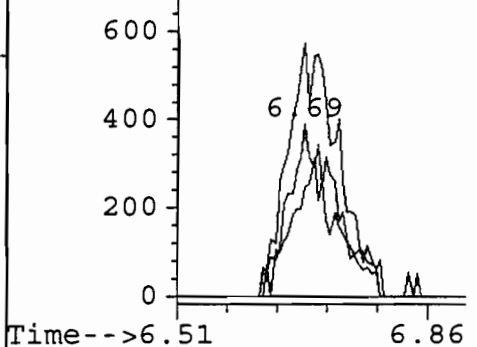
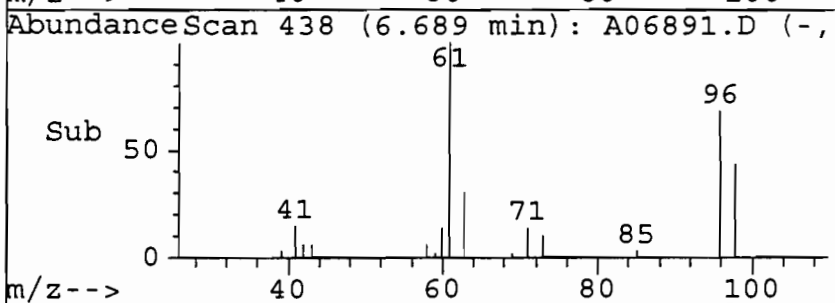
Lab File: A06891.D

Acq: 30 Sep 95 9:55 pm

Tgt	Ion:96	Resp:	1849
Ion	Ratio	Lower	Upper
96	100		
61	147.6	139.8	179.8
98	63.5	46.0	86.0
0	0.0	0.0	0.0



Abundance	Ion	96.00	(95.
	Ion	61.00	(60.
	Ion	98.00	(97.



#22

1,1,1-Trichloroethane

Concen: 86.64 UG/L

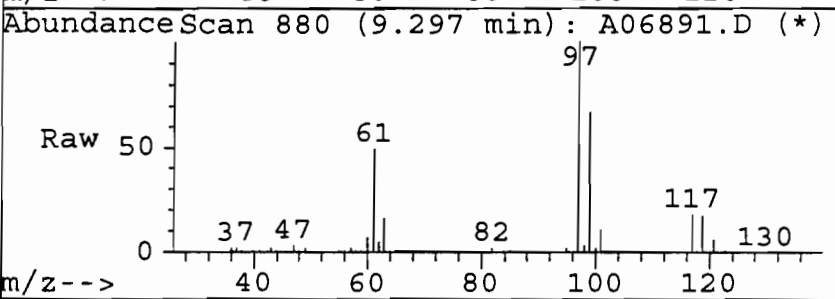
RT: 9.30 min Scan# 880

Delta R.T. -0.00 min

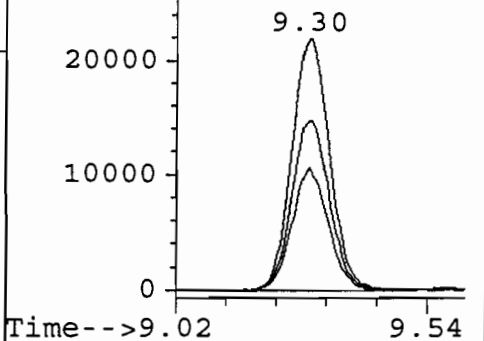
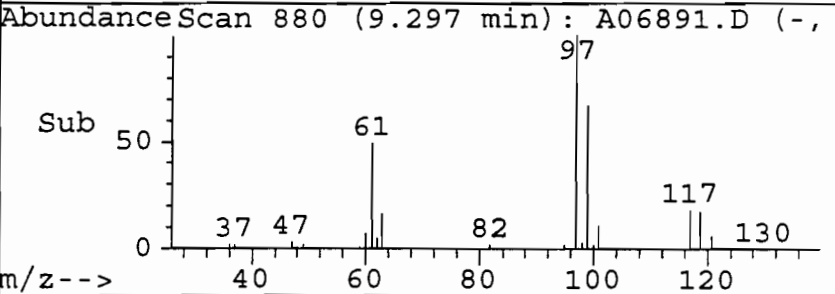
Lab File: A06891.D

Acq: 30 Sep 95 9:55 pm

Tgt	Ion:97	Resp:	113767
	Ratio	Lower	Upper
97	100		
99	67.3	45.9	85.9
61	46.7	27.6	67.6
0	0.0	0.0	0.0



Abundance	Ion	97.00	(96.
	Ion	99.00	(98.
	Ion	61.00	(60.



Sample Name: 9527139 SHO950927A873-03

Misc. Info: 9527139

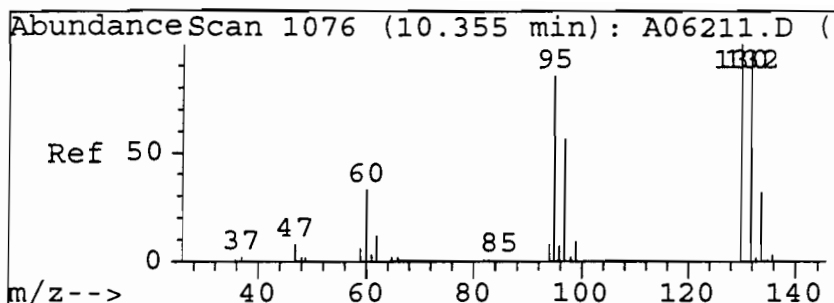
A06891.D VEPWA.M

Wed Oct 18 13:35:03 1995

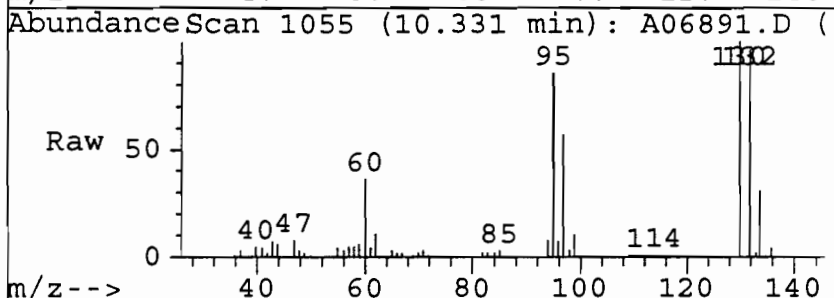
H2M

Page 3

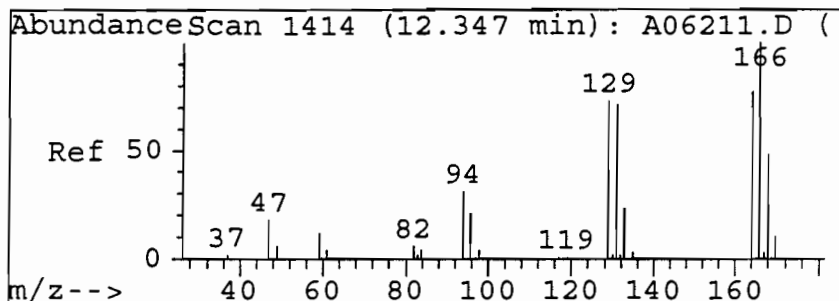
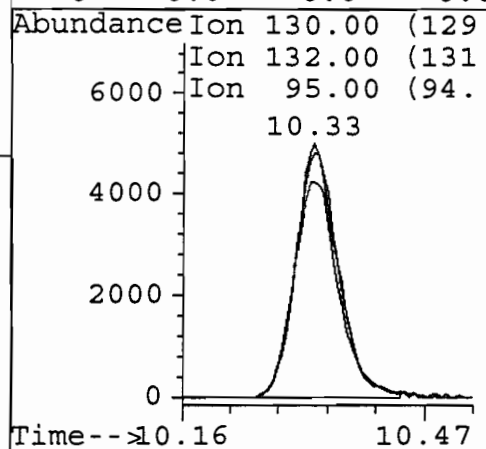
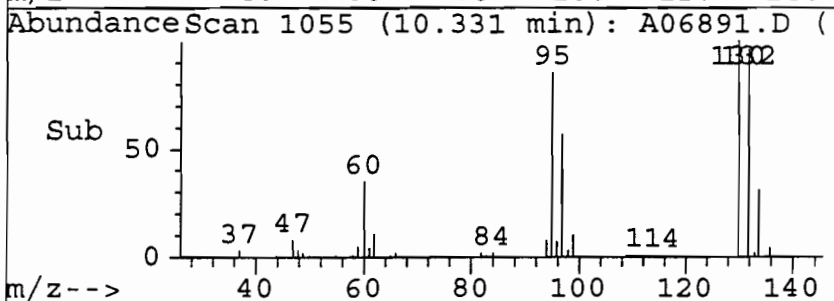
V C045



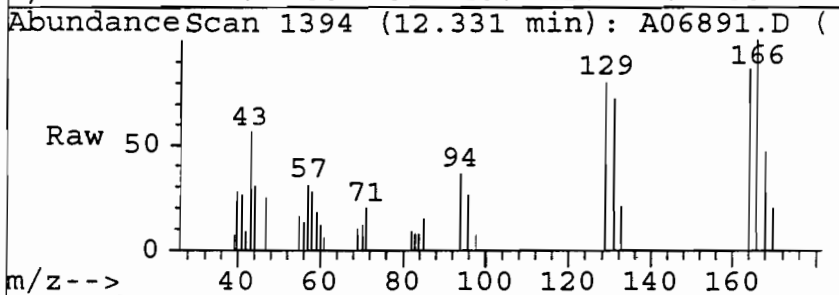
#24
Trichloroethene
Concen: 15.71 UG/L
RT: 10.33 min Scan# 1055
Delta R.T. 0.00 min
Lab File: A06891.D
Acq: 30 Sep 95 9:55 pm



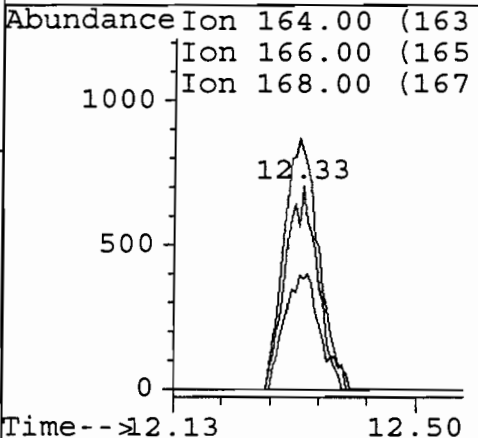
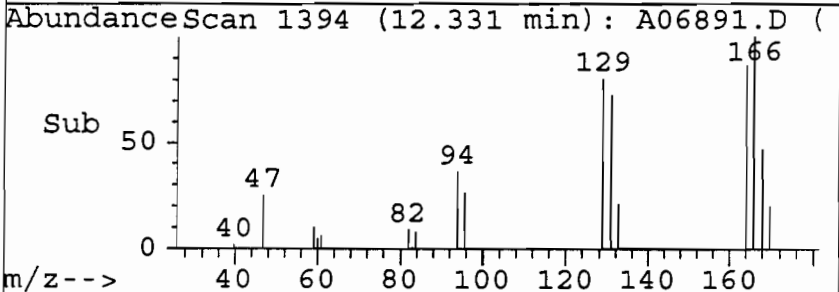
Tgt Ion:130 Resp: 19023
Ion Ratio Lower Upper
130 100
132 96.7 76.7 116.7
95 88.2 66.8 106.8
0 0.0 0.0 0.0



#37
Tetrachloroethene
Concen: 3.07 UG/L m
RT: 12.33 min Scan# 1394
Delta R.T. 0.01 min
Lab File: A06891.D
Acq: 30 Sep 95 9:55 pm



Tgt Ion:164 Resp: 2409
Ion Ratio Lower Upper
164 100
166 116.9 111.2 151.2
168 54.6 42.7 82.7
0 0.0 0.0 0.0



Sample Name: 9527139 SHO950927A873-03

Misc. Info: 9527139

A06891.D VEPWA.M

Wed Oct 18 13:35:07 1995

H2M

Page 4

V 0046

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950-
927A87304

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Matrix: (soil/water) WATER Lab Sample ID: 9527140
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06892.D
 Level: (low/med) LOW Date Received: 09/28/95
 % Moisture: not dec. _____ Date Analyzed: 09/30/95
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
75-34-4	1,1-Dichloroethane	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
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
124-48-1	Dibromochloromethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U
100-42-5	Styrene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950-
927A87304

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527140
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06892.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 09/30/95
GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
---------	----------	----	------------	---

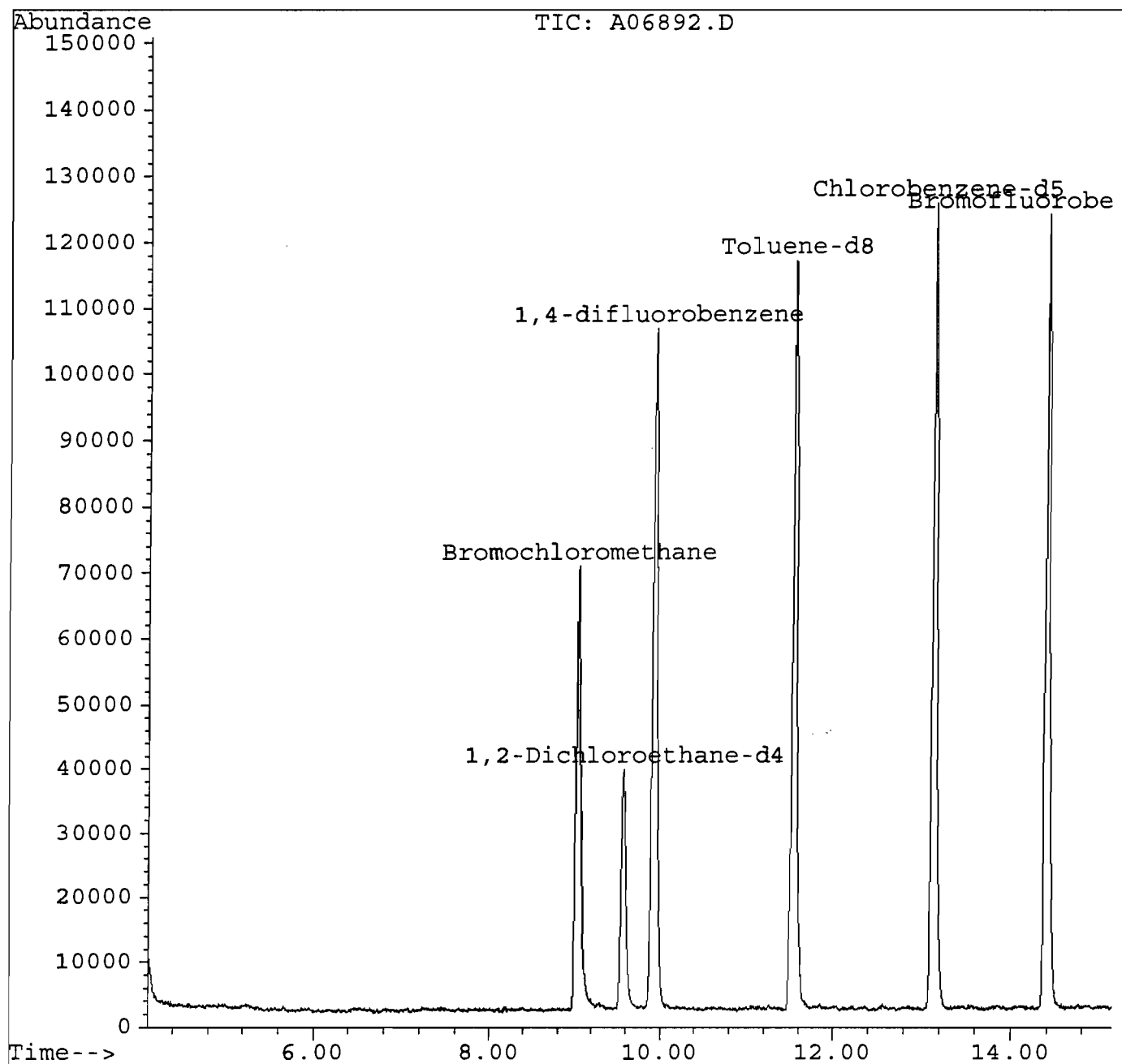
V C048

Quantitation Report

Data File : S:\MS\MS2\SEP95\A06892.D
 Acq On : 30 Sep 95 10:15 pm
 Sample : 9527140 SHO950927A873-04
 Misc : 9527140
 Quant Time: Oct 6 12:37 1995

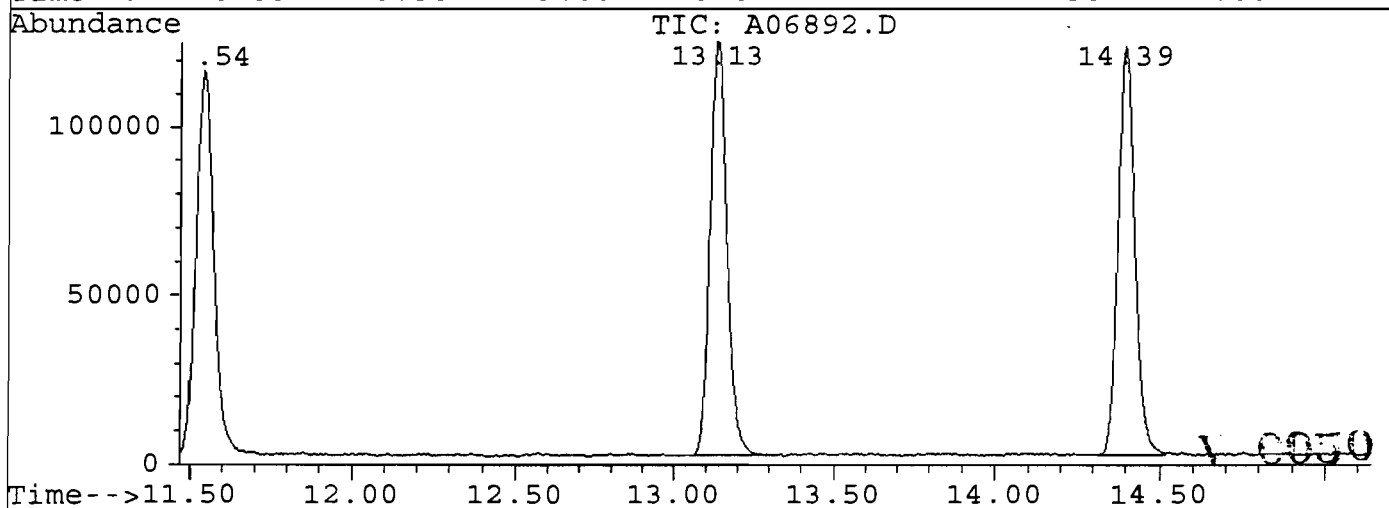
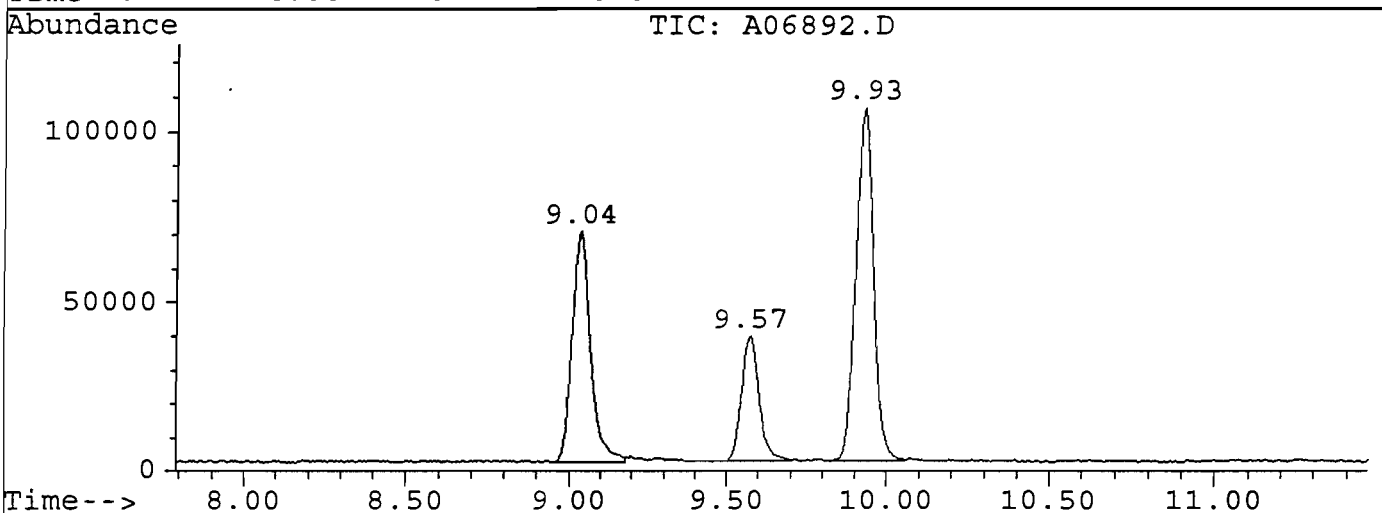
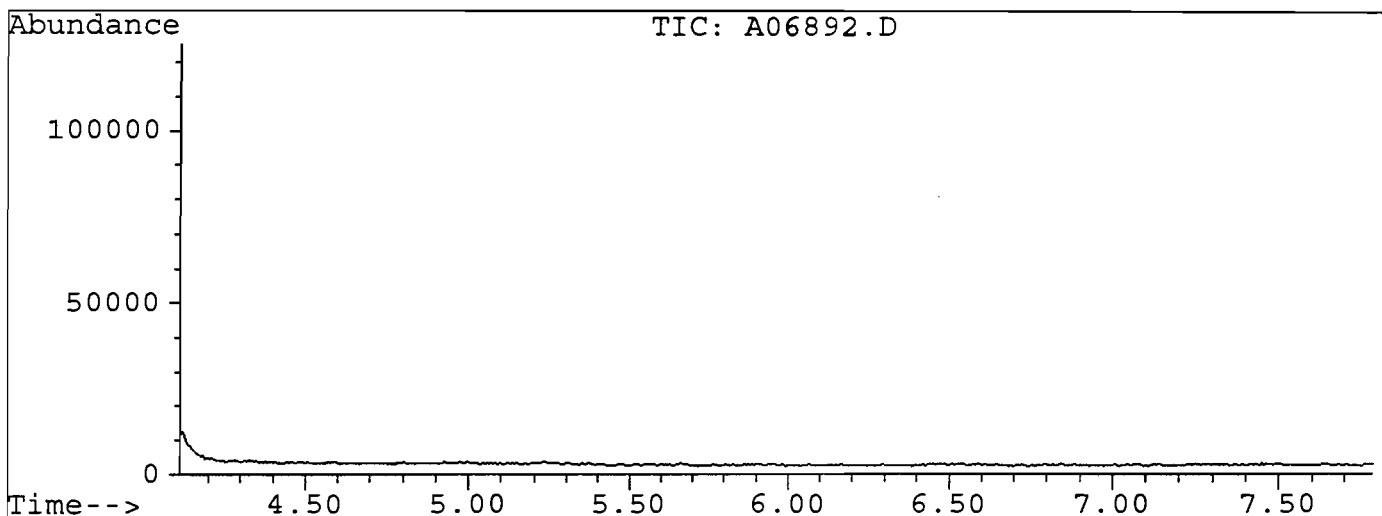
Vial: 8
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Wed Oct 11 14:44:19 1995
 Response via : Single Level Calibration



V C049

File : S:\MS\MS2\SEP95\A06892.D
Operator : MSD
Acquired : 30 Sep 95 10:15 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527140 SHO950927A873-04
Misc Info : 9527140
Vial Number: 8



100

Vial: 8
Operator: MSD
Inst : H5971
Multiplr: 1.00

```
Method      : C:\HPCHEM\1\METHODS\VEPAW.M
Title       : VOA CLP WATER METHOD
Last Update : Fri Oct 06 12:30:34 1995
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D
```

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.04	128	43728	50.00	UG/L	0.01
21) 1,4-difluorobenzene	9.93	114	190467	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.13	117	159498	50.00	UG/L	0.00

System Monitoring Compounds					%Recovery
18)	1,2-Dichloroethane-d4	9.57	65	43213	45.89 UG/L
34)	Toluene-d8	11.54	98	164281	49.76 UG/L
43)	Bromofluorobenzene	14.39	95	103786	45.56 UG/L

Target Compounds	Qvalue
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Y 0051

(#) = qualifier out of range (m) = manual integration

A06892.D VEPAW.M

Wed Oct 18 13:36:02 1995

H2M

Page 1

Library Search Compound Report

Data File : S:\MS\MS2\SEP95\A06892.D
Acq On : 30 Sep 95 10:15 pm
Sample : 9527140 SHO950927A873-04
Misc : 9527140

Vial: 8
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

V C052

IC: A06892.D

9527140 SHO950927A873-04

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.036	rBV	0.231	281959	8.947	9.178
2	9.573	rBV	0.207	146000	9.496	9.703
3	9.928	rBV	0.243	404860	9.815	10.058
4	11.538	rBV	0.231	439135	11.450	11.680
5	13.131	rVB	0.266	447276	13.054	13.321
6	14.394	rBV	0.207	429764	14.311	14.519

1 C053

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950-
927A87305

Lab Name: H2M LABS, INC Contract: C003180

Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927

Matrix: (soil/water) WATER Lab Sample ID: 9527141

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06893.D

Level: (low/med) LOW Date Received: 09/28/95

% Moisture: not dec. _____ Date Analyzed: 09/30/95

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950-
927A87305

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527141
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06893.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 09/30/95
GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

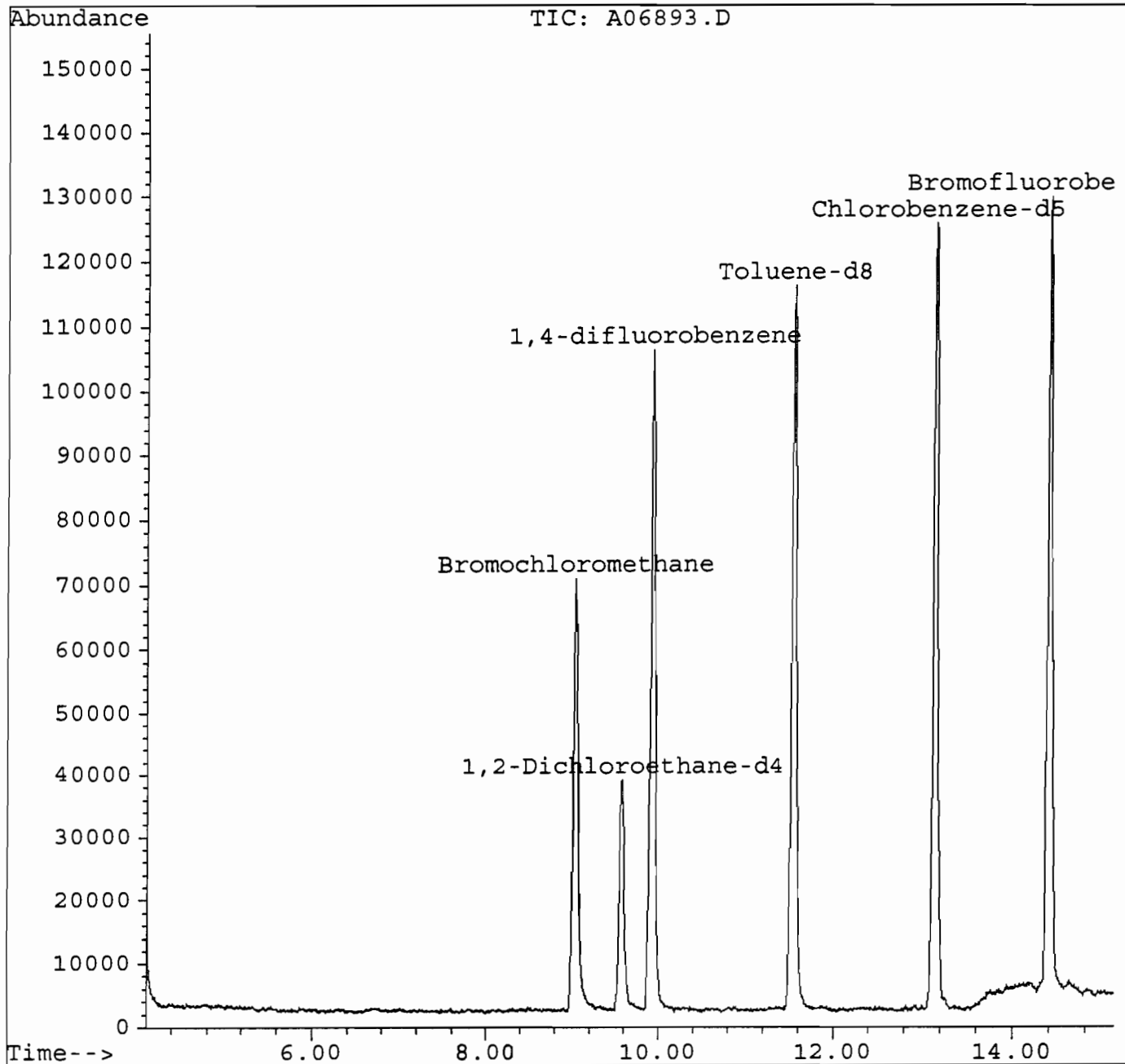
CAS NO.	COMPOUND	RT	EST. CONC.	Q
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Quantitation Report

Data File : S:\MS\MS2\SEP95\A06893.D
Acq On : 30 Sep 95 10:36 pm
Sample : 9527141 SH0950927A873-05
Misc : 9527141
Quant Time: Oct 6 12:38 1995

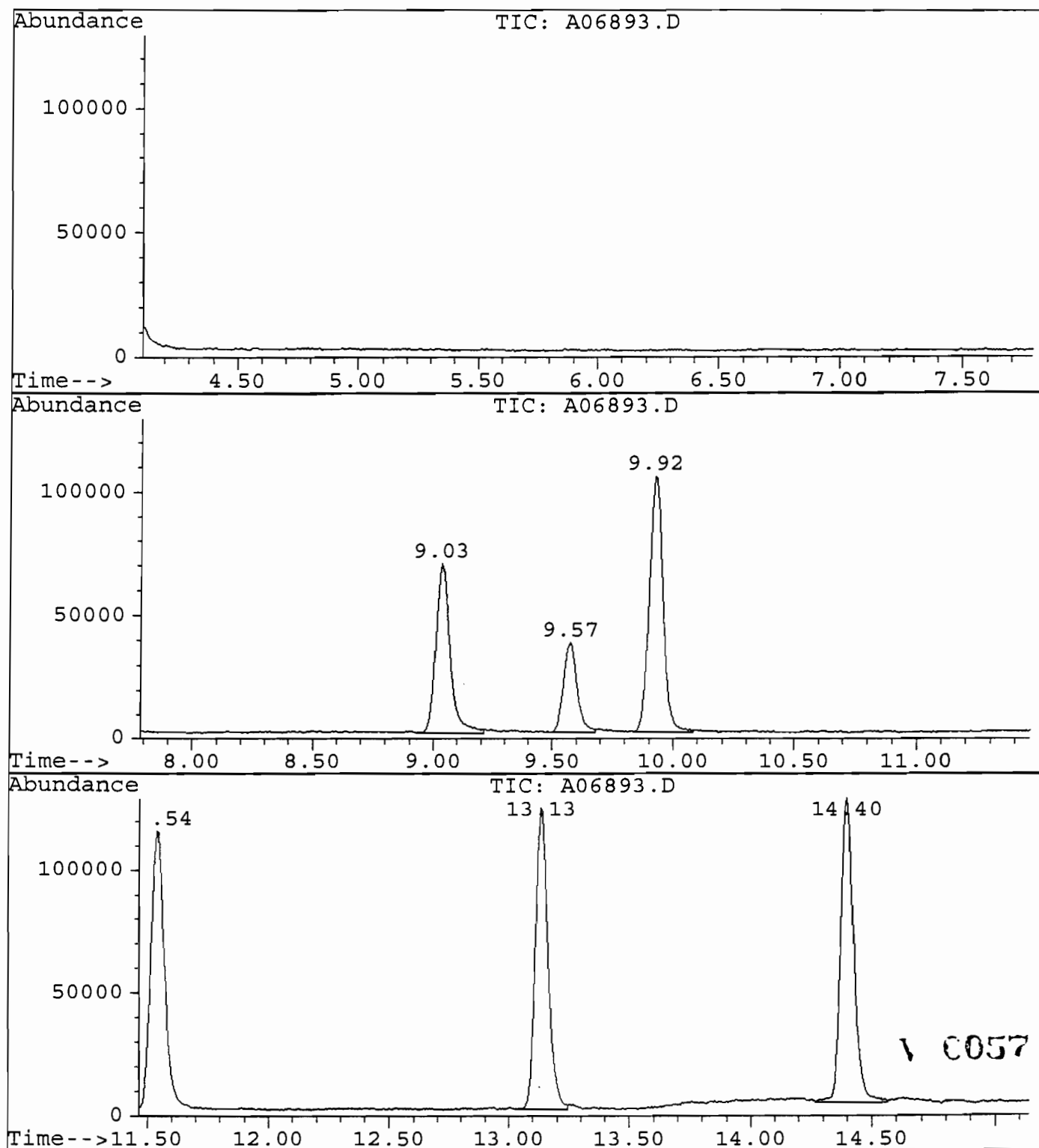
Vial: 9
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V 0056

File : S:\MS\MS2\SEP95\A06893.D
Operator : MSD
Acquired : 30 Sep 95 10:36 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527141 SHO950927A873-05
Misc Info : 9527141
Vial Number: 9



Quantitation Report

Data File : S:\MS\MS2\SEP95\A06893.D
 Acq On : 30 Sep 95 22:36
 Sample : 9527141 SHO950927A873-05
 Misc : 9527141
 Quant Time: Oct 6 12:38 1995

Vial: 9
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.03	128	43736	50.00	UG/L	0.00
21) 1,4-difluorobenzene	9.92	114	190488	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.13	117	158051	50.00	UG/L	0.00

System Monitoring Compounds					%Recovery
18) 1,2-Dichloroethane-d4	9.57	65	43248	45.92	UG/L
34) Toluene-d8	11.54	98	163848	50.08	UG/L
43) Bromofluorobenzene	14.40	95	105917	46.92	UG/L

Target Compounds Qvalue

\ 0058

(#) = qualifier out of range (m) = manual integration

Library Search Compound Report

Data File : S:\MS\MS2\SEP95\A06893.D
Acq On : 30 Sep 95 10:36 pm
Sample : 9527141 SHO950927A873-05
Misc : 9527141

Vial: 9
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

1 0059

IC: A06893.D

9527141 SH0950927A873-05

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.030	rBV	0.284	286019	8.930	9.214
2	9.574	rBV	0.183	144505	9.497	9.680
3	9.922	rBV	0.243	410095	9.839	10.082
4	11.539	rBV	0.296	439950	11.432	11.728
5	13.132	rBV	0.219	444663	13.025	13.244
6	14.396	rBV	0.290	448953	14.271	14.562

1 C060

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950-
927A87306

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Matrix: (soil/water) WATER Lab Sample ID: 9527142
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06894.D
 Level: (low/med) LOW Date Received: 09/28/95
 % Moisture: not dec. _____ Date Analyzed: 09/30/95
 GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950-
927A87306

Lab Name: H2M LABS,INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527142
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06894.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 09/30/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
---------	----------	----	------------	---

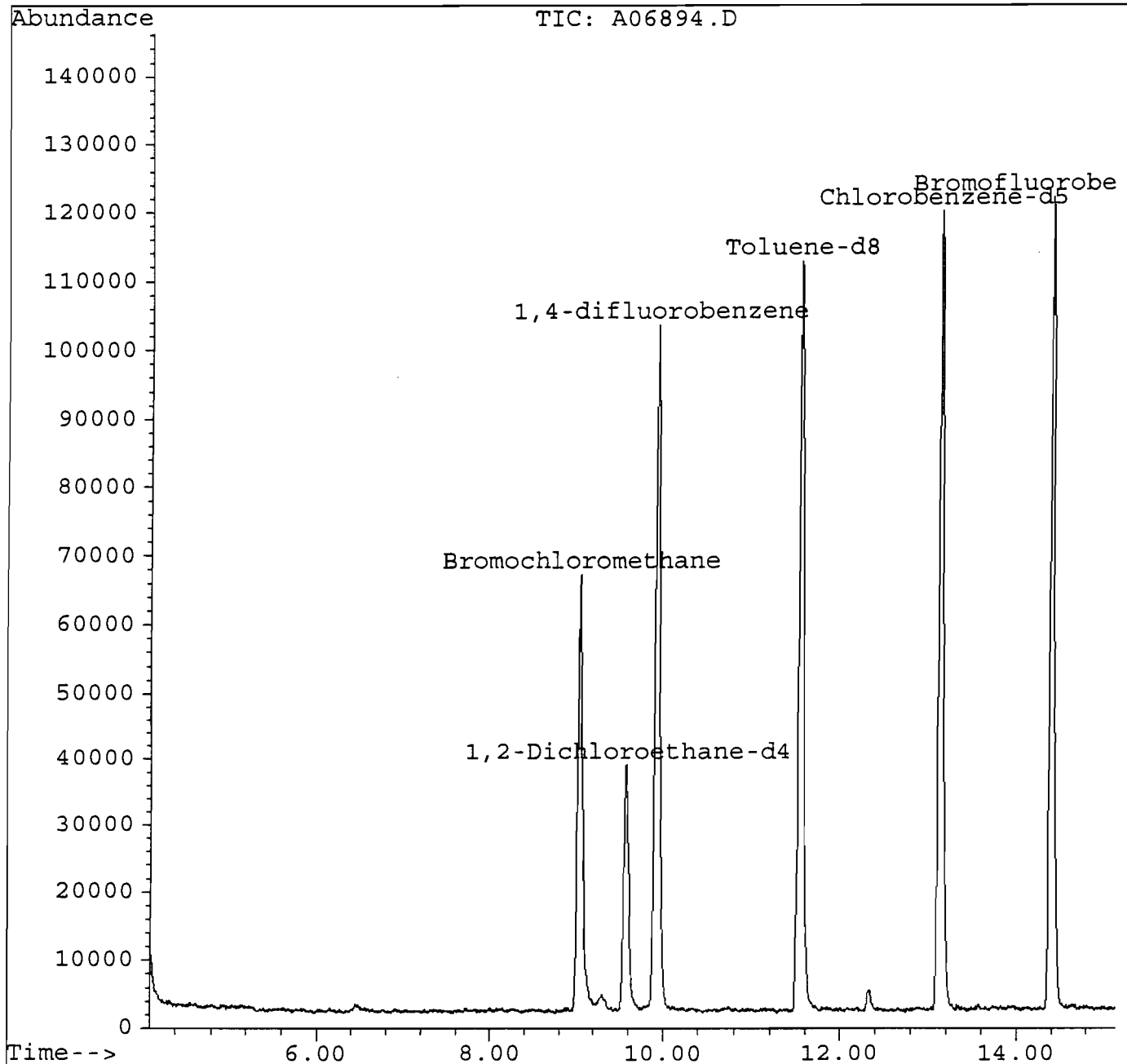
V C062

Quantitation Report

Data File : S:\MS\MS2\SEP95\A06894.D
Acq On : 30 Sep 95 10:56 pm
Sample : 9527142 SHO950927A873-06
Misc : 9527142
Quant Time: Oct 6 12:39 1995

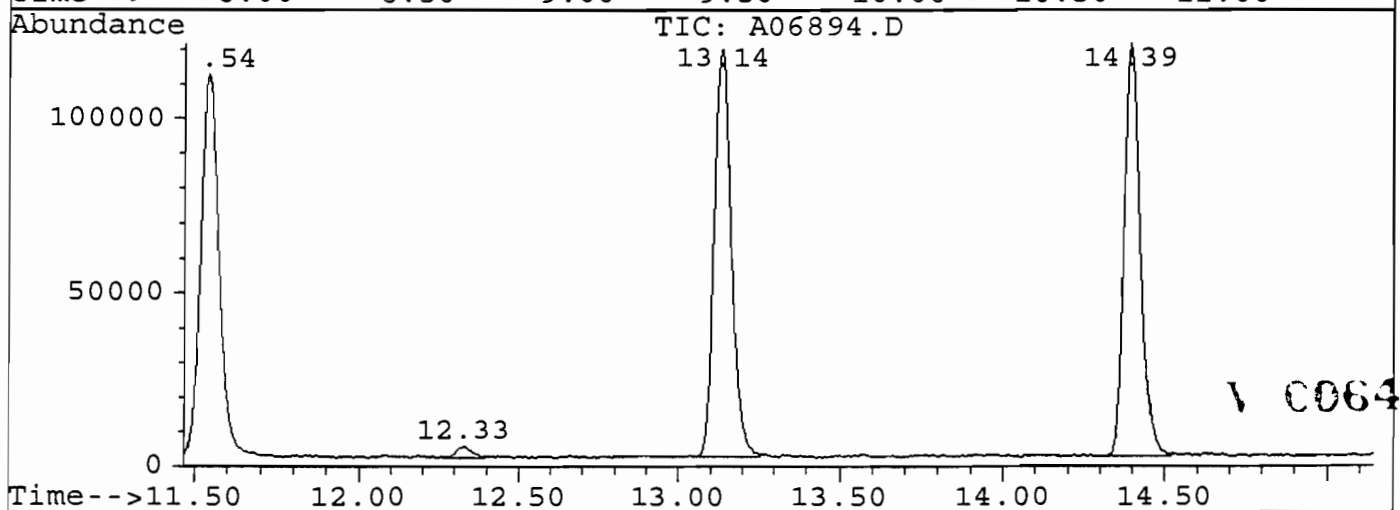
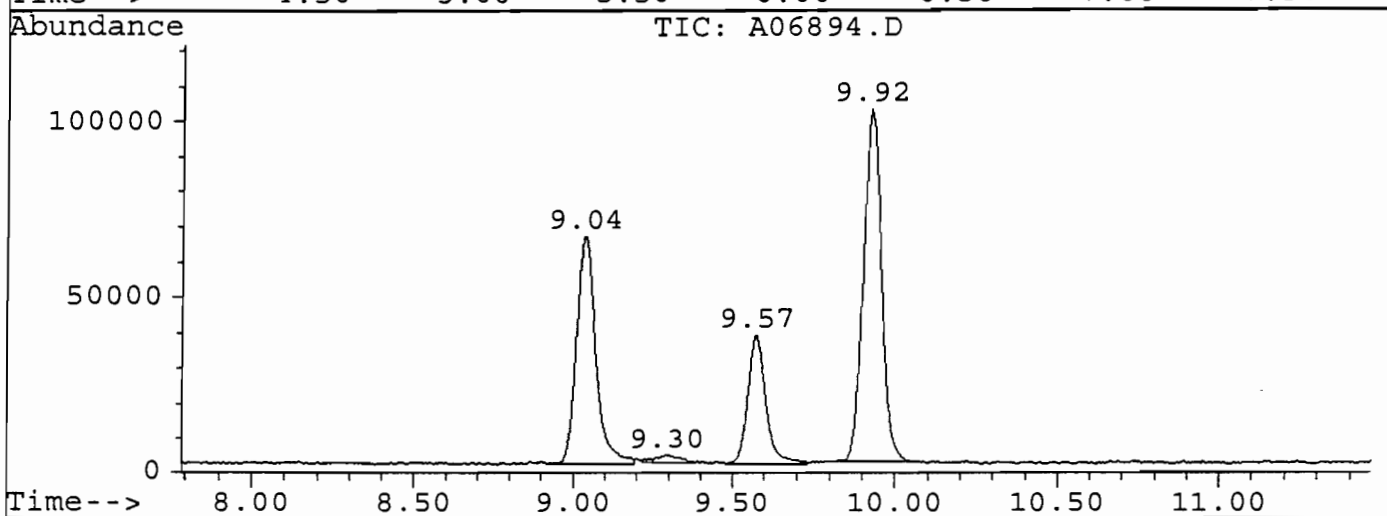
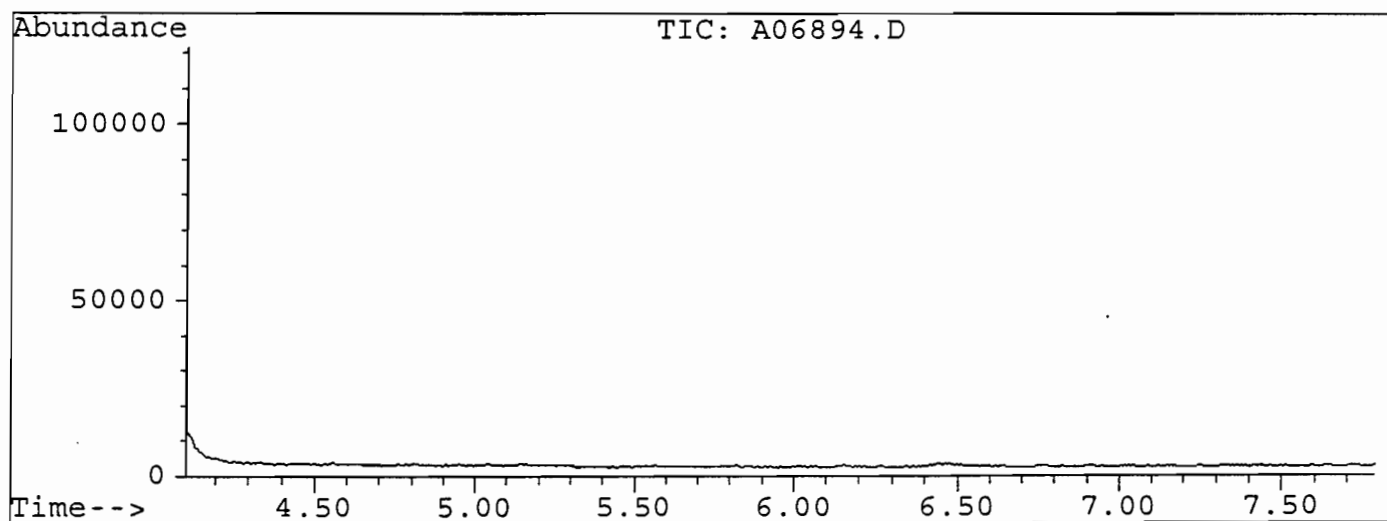
Vial: 10
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V C063

File : S:\MS\MS2\SEP95\A06894.D
Operator : MSD
Acquired : 30 Sep 95 10:56 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527142 SH0950927A873-06
Misc Info : 9527142
Vial Number: 10



Quantitation Report

Data File : S:\MS\MS2\SEP95\A06894.D
 Acq On : 30 Sep 95 22:56
 Sample : 9527142 SHO950927A873-06
 Misc : 9527142
 Quant Time: Oct 6 12:39 1995

Vial: 10
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.04	128	42310	50.00	UG/L	0.01
21) 1,4-difluorobenzene	9.92	114	184717	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.13	117	153160	50.00	UG/L	0.00
System Monitoring Compounds						%Recovery
18) 1,2-Dichloroethane-d4	9.57	65	42445	46.59	UG/L	
34) Toluene-d8	11.54	98	159393	50.27	UG/L	
43) Bromofluorobenzene	14.39	95	101421	46.36	UG/L	
Target Compounds						Qvalue
22) 1,1,1-Trichloroethane	9.31	97	3153	2.42	UG/L	# 33
37) Tetrachloroethene	12.33	164	1508	1.93	UG/L	97

V 0065

(#) = qualifier out of range (m) = manual integration

Library Search Compound Report

Data File : S:\MS\MS2\SEP95\A06894.D
Acq On : 30 Sep 95 10:56 pm
Sample : 9527142 SHO950927A873-06
Misc : 9527142

Vial: 10
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

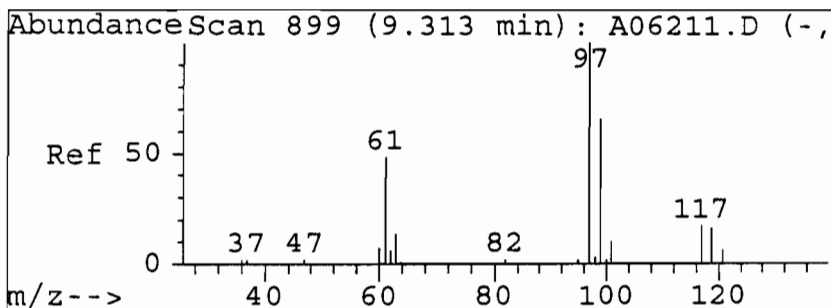
1 C066

IC: A06894.D

9527142 SHO950927A873-06

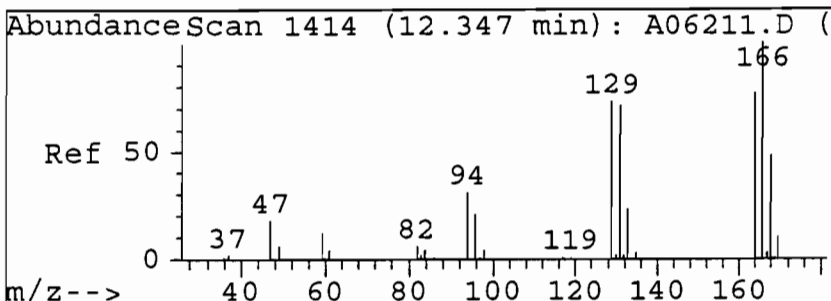
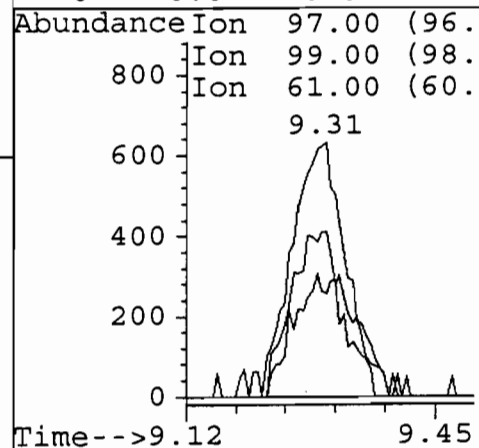
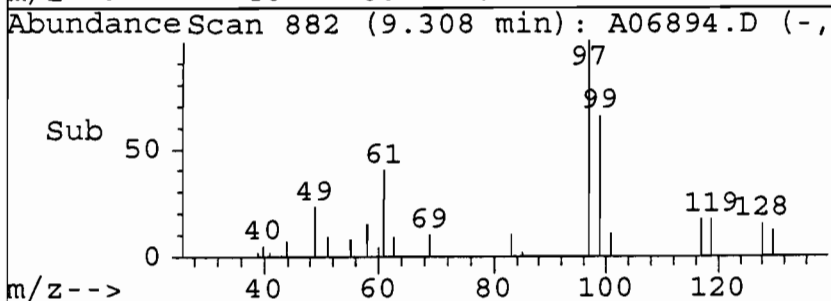
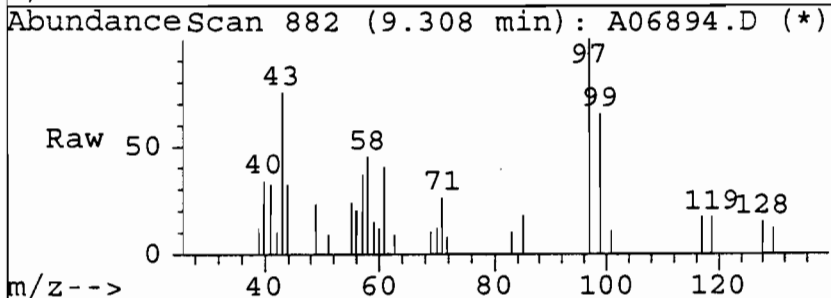
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.036	rBV	0.266	272281	8.924	9.190
2	9.296	rVB	0.165	11589	9.219	9.385
3	9.573	rBV	0.248	146712	9.485	9.733
4	9.922	rVB	0.237	388404	9.816	10.052
5	11.539	rBV	0.260	428653	11.444	11.704
6	12.329	rBV	0.130	11255	12.264	12.394
7	13.138	rBV	0.201	426421	13.055	13.256
8	14.395	rBV	0.207	417843	14.312	14.519

V 0067



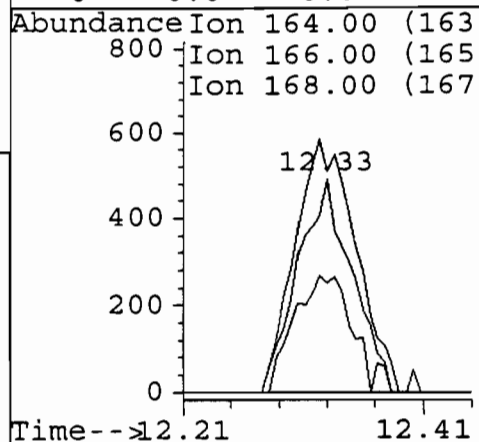
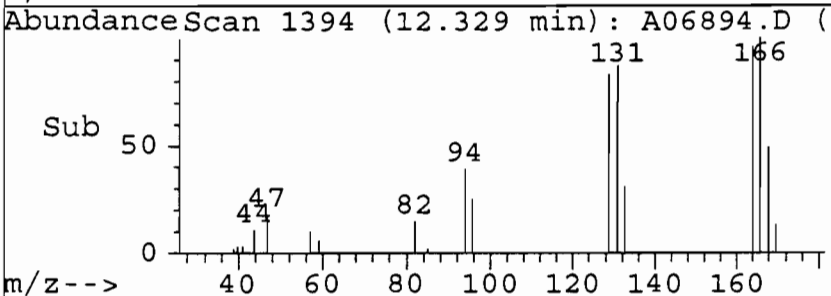
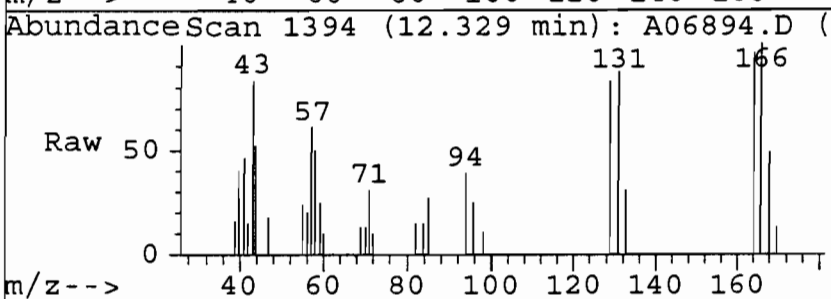
#22
1,1,1-Trichloroethane
Concen: 2.42 UG/L
RT: 9.31 min Scan# 882
Delta R.T. 0.01 min
Lab File: A06894.D
Acq: 30 Sep 95 10:56 pm

Tgt Ion:	97	Resp:	3153
Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.9	85.9#
61	18.0	27.6	67.6#
0	0.0	0.0	0.0



#37
Tetrachloroethene
Concen: 1.93 UG/L
RT: 12.33 min Scan# 1394
Delta R.T. 0.00 min
Lab File: A06894.D
Acq: 30 Sep 95 10:56 pm

Tgt Ion:	164	Resp:	1508
Ion	Ratio	Lower	Upper
164	100		
166	133.9	111.2	151.2
168	59.5	42.7	82.7
0	0.0	0.0	0.0



1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950-
927A87307

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Matrix: (soil/water) WATER Lab Sample ID: 9527143
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06895.D
 Level: (low/med) LOW Date Received: 09/28/95
 % Moisture: not dec. _____ Date Analyzed: 09/30/95
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
75-34-4	1,1-Dichloroethane	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	7	J
56-23-5	Carbon Tetrachloride	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
124-48-1	Dibromochloromethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
127-18-4	Tetrachloroethene	2	J
591-78-6	2-Hexanone	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U
100-42-5	Styrene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950-
927A87307

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527143
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06895.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 09/30/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

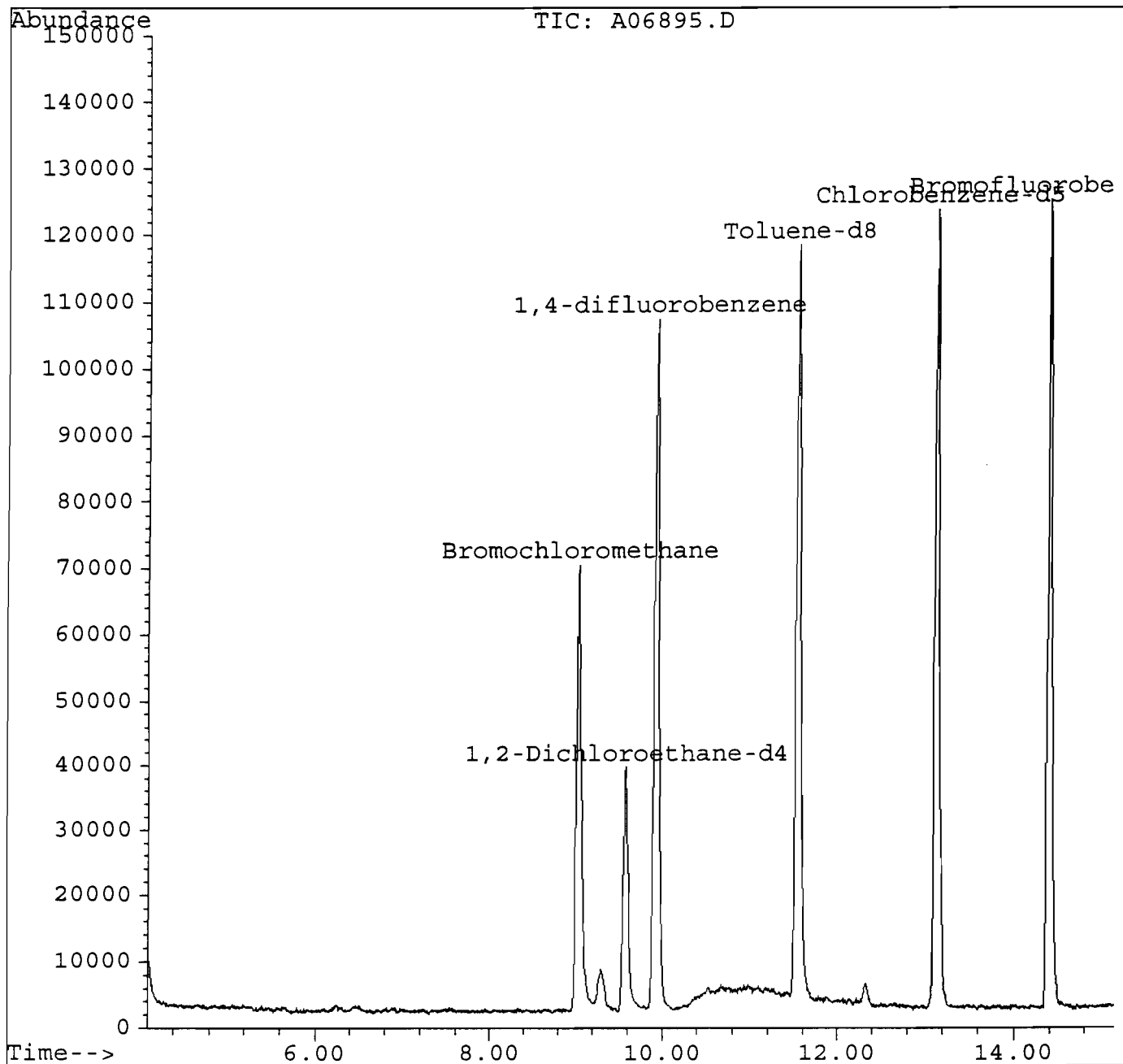
CAS NO.	COMPOUND	RT	EST. CONC.	Q
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Quantitation Report

Data File : S:\MS\MS2\SEP95\A06895.D
Acq On : 30 Sep 95 11:16 pm
Sample : 9527143 SHO950927A873-07
Misc : 9527143
Quant Time: Oct 6 12:40 1995

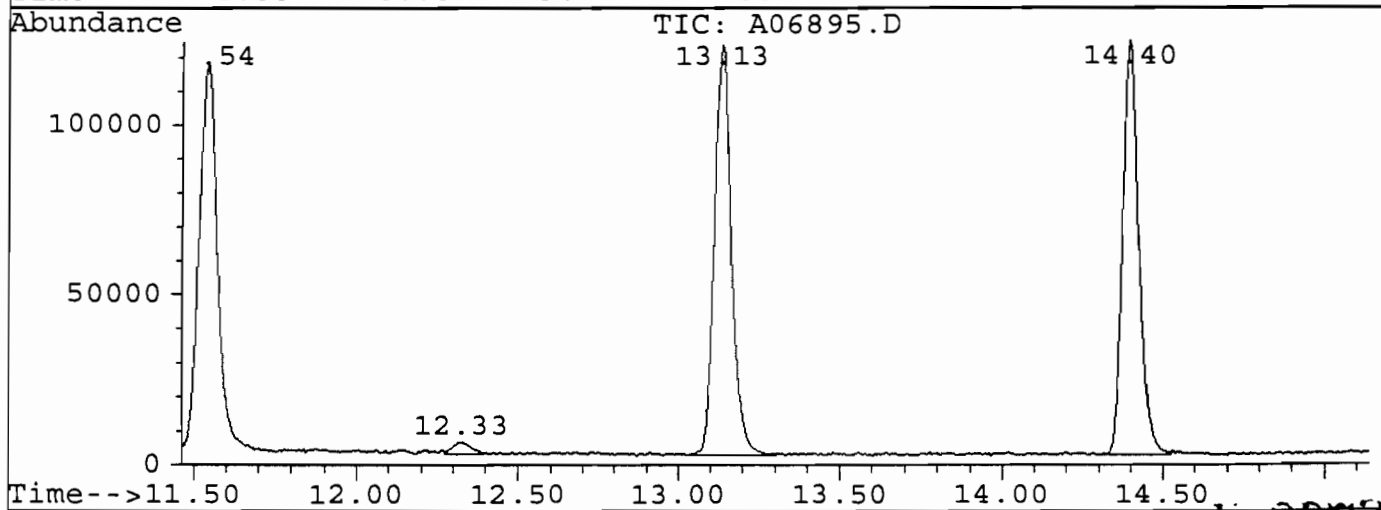
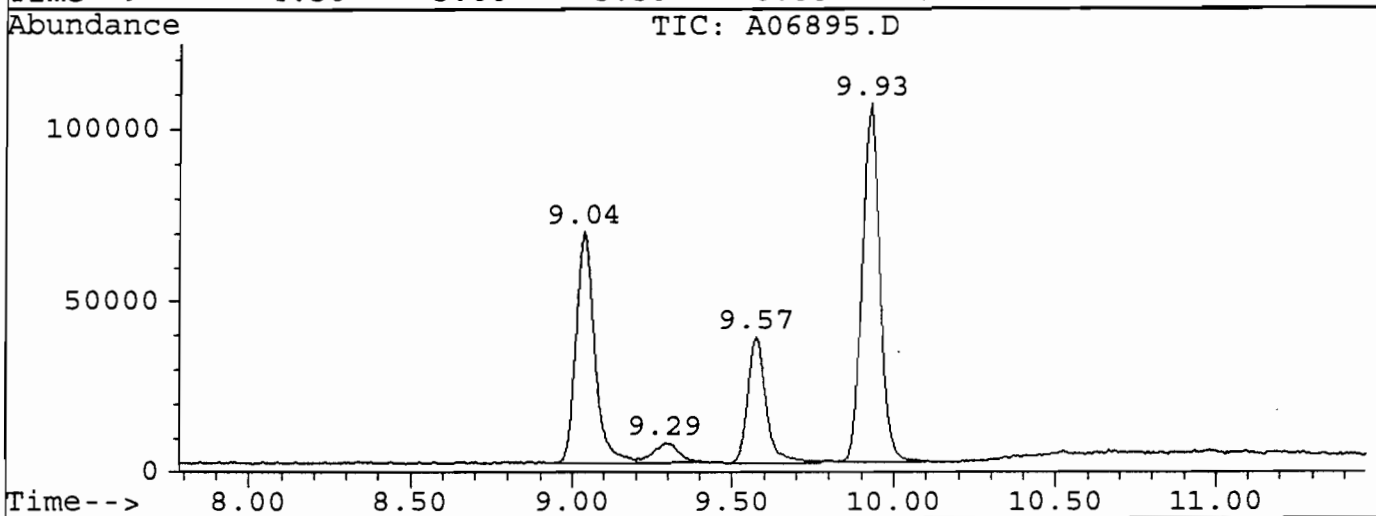
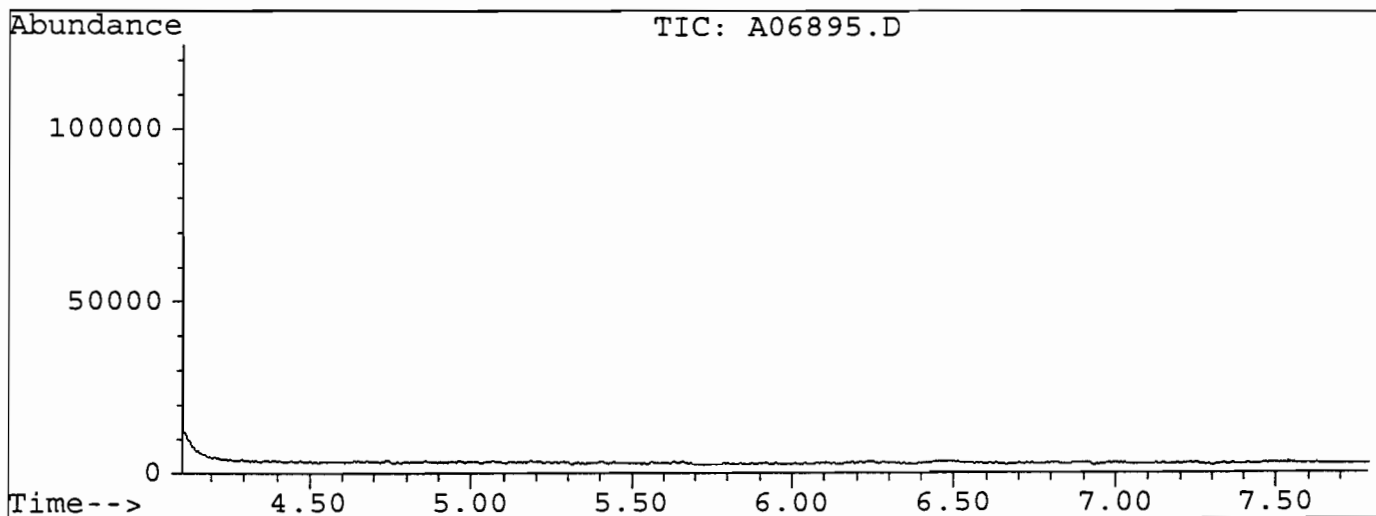
Vial: 11
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V 0071

File : S:\MS\MS2\SEP95\A06895.D
Operator : MSD
Acquired : 30 Sep 95 11:16 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527143 SH0950927A873-07
Misc Info : 9527143
Vial Number: 11



Quantitation Report

Data File : S:\MS\MS2\SEP95\A06895.D
 Acq On : 30 Sep 95 23:16
 Sample : 9527143 SHO950927A873-07
 Misc : 9527143
 Quant Time: Oct 6 12:40 1995

Vial: 11
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.04	128	43617	50.00	UG/L	0.01
21) 1,4-difluorobenzene	9.93	114	189784	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.13	117	157058	50.00	UG/L	0.00
System Monitoring Compounds						%Recovery
18) 1,2-Dichloroethane-d4	9.57	65	42849	45.62	UG/L	
34) Toluene-d8	11.54	98	165552	50.92	UG/L	
43) Bromofluorobenzene	14.39	95	104190	46.45	UG/L	
Target Compounds						Qvalue
22) 1,1,1-Trichloroethane	9.30	97	9471	7.08	UG/L	97
37) Tetrachloroethene	12.33	164	1617	2.01	UG/L #	85

Library Search Compound Report

Data File : S:\MS\MS2\SEP95\A06895.D
Acq On : 30 Sep 95 11:16 pm
Sample : 9527143 SHO950927A873-07
Misc : 9527143

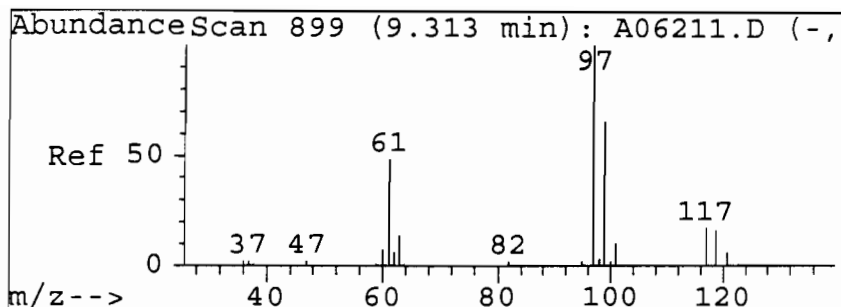
Vial: 11
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

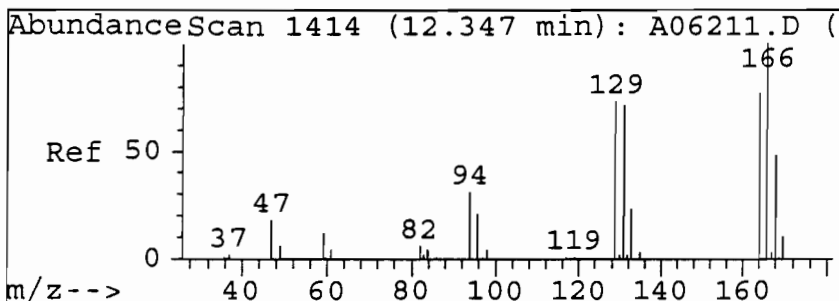
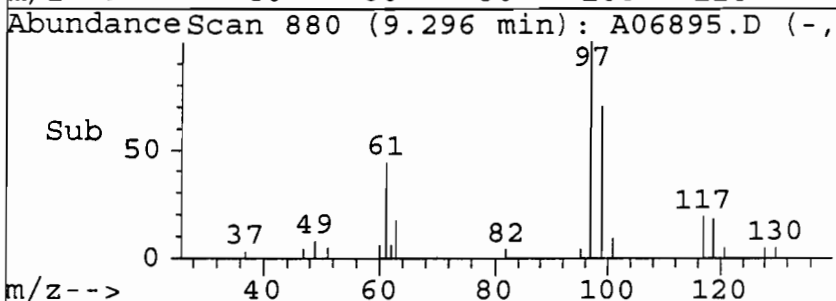
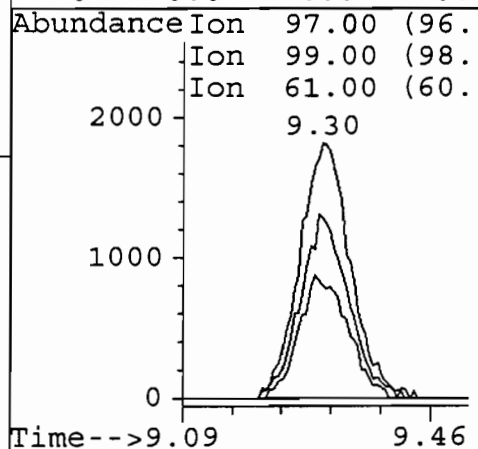
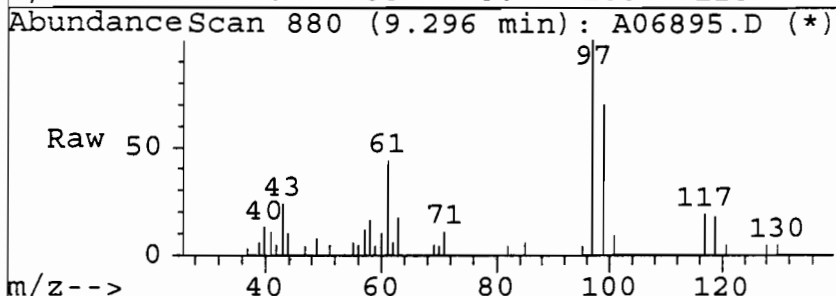
V 0074

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.036	rBV	0.266	280085	8.936	9.202
2	9.290	rVB	0.219	33238	9.202	9.420
3	9.574	rBV	0.284	152219	9.491	9.775
4	9.928	rBV	0.284	404581	9.816	10.100
5	11.541	rVB	0.272	447666	11.458	11.730
6	12.326	rVB	0.124	14075	12.273	12.397
7	13.135	rBV	0.272	443222	13.028	13.300
8	14.398	rBV	0.225	428350	14.297	14.522



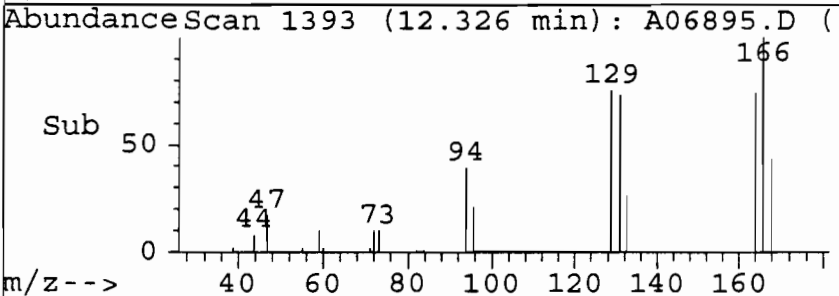
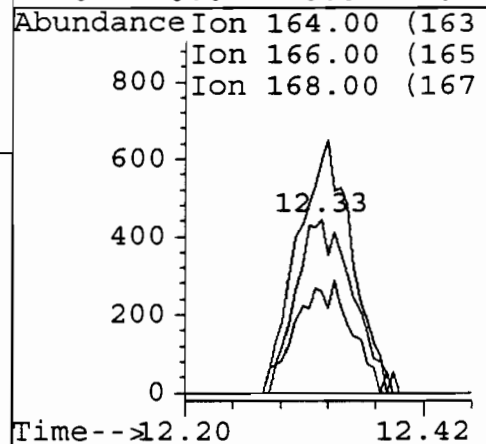
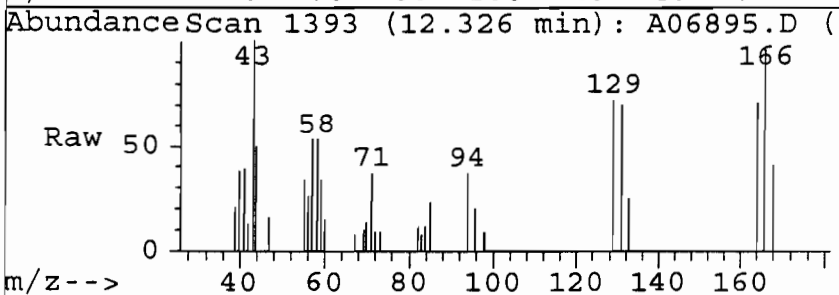
#22
1,1,1-Trichloroethane
Concen: 7.08 UG/L
RT: 9.30 min Scan# 880
Delta R.T. -0.00 min
Lab File: A06895.D
Acq: 30 Sep 95 11:16 pm

Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.9	45.9	85.9
61	46.4	27.6	67.6
0	0.0	0.0	0.0



#37
Tetrachloroethene
Concen: 2.01 UG/L
RT: 12.33 min Scan# 1393
Delta R.T. 0.00 min
Lab File: A06895.D
Acq: 30 Sep 95 11:16 pm

Tgt Ion	Ratio	Lower	Upper
164	100		
166	138.0	111.2	151.2
168	36.0	42.7	82.7#
0	0.0	0.0	0.0



Sample Name: 9527143 SHO950927A873-07

Misc. Info: 9527143

A06895.D VEPWA.M

Wed Oct 18 13:39:34 1995

H2M

Page 3

V 0076

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950-
927A87308

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Matrix: (soil/water) WATER Lab Sample ID: 9527144
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06896.D
 Level: (low/med) LOW Date Received: 09/28/95
 % Moisture: not dec. _____ Date Analyzed: 09/30/95
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
75-34-4	1,1-Dichloroethane	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
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
124-48-1	Dibromochloromethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U
100-42-5	Styrene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

V 0077

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950 -
927A87308

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527144
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06896.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 09/30/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
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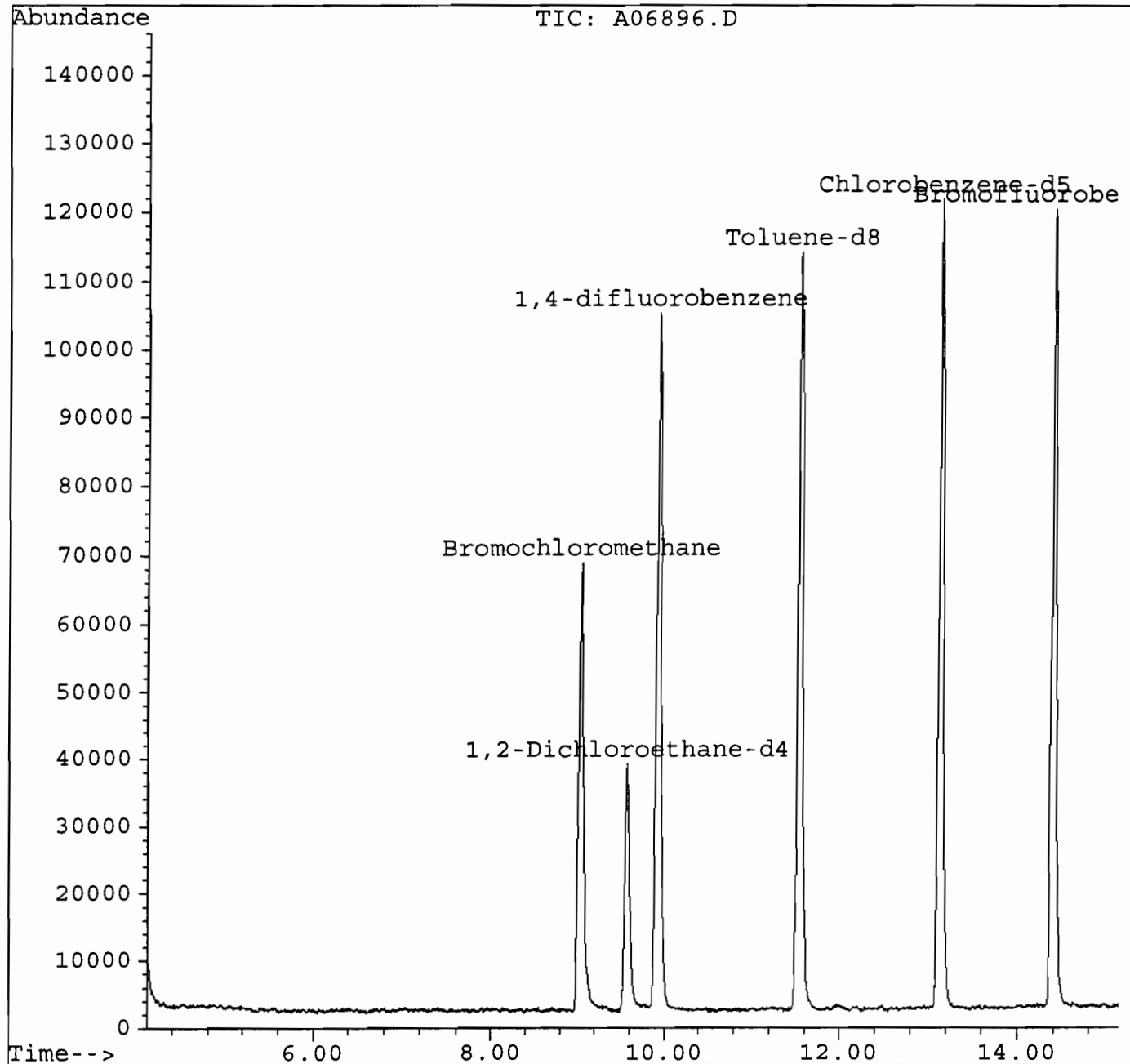
V 0078

Quantitation Report

Data File : S:\MS\MS2\SEP95\A06896.D
 Acq On : 30 Sep 95 11:37 pm
 Sample : 9527144 SH0950927A873-08
 Misc : 9527144
 Quant Time: Oct 6 12:41 1995

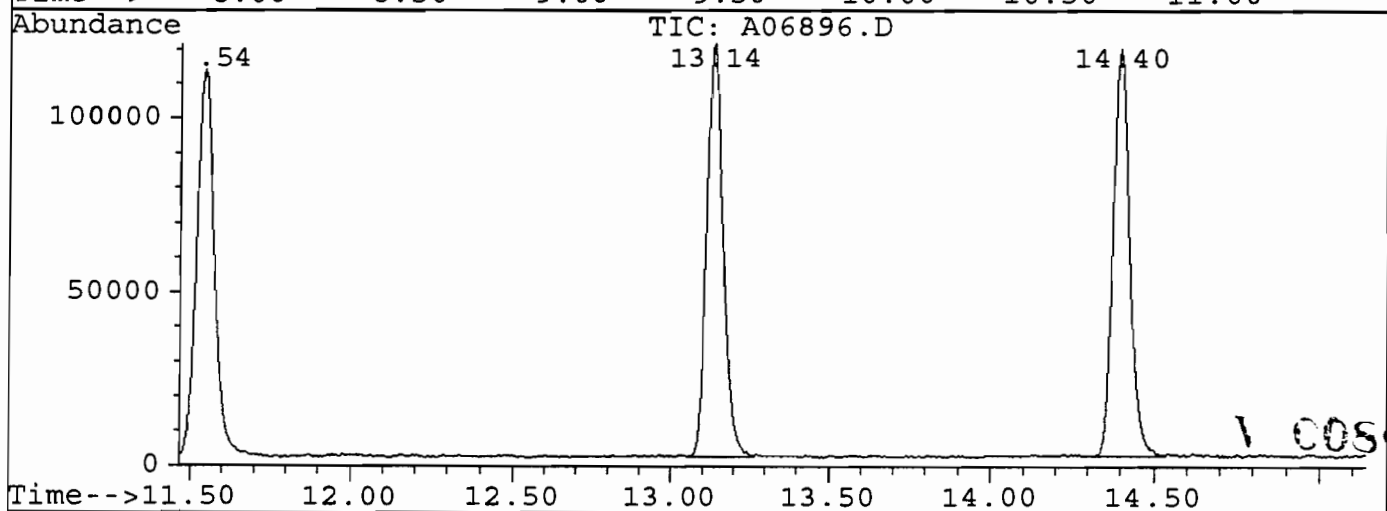
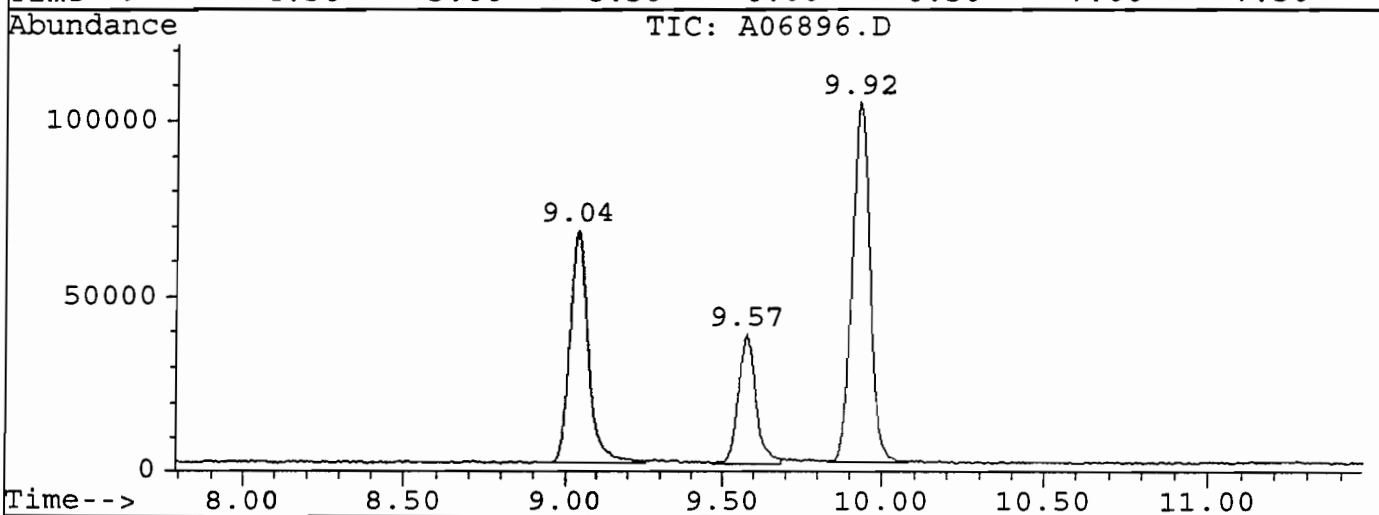
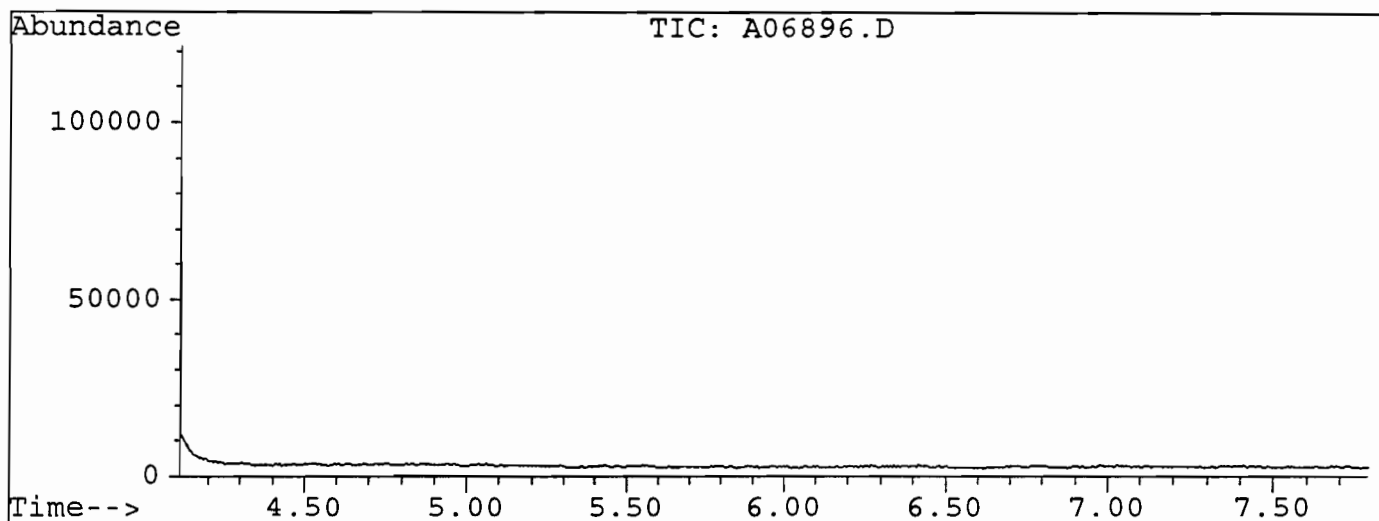
Vial: 12
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Wed Oct 11 14:44:19 1995
 Response via : Single Level Calibration



V 0079

File : S:\MS\MS2\SEP95\A06896.D
Operator : MSD
Acquired : 30 Sep 95 11:37 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527144 SHO950927A873-08
Misc Info : 9527144
Vial Number: 12



Quantitation Report

Data File : S:\MS\MS2\SEP95\A06896.D
 Acq On : 30 Sep 95 23:37
 Sample : 9527144 SHO950927A873-08
 Misc : 9527144
 Quant Time: Oct 6 12:41 1995

Vial: 12
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.04	128	42501	50.00	UG/L	0.01
21) 1,4-difluorobenzene	9.93	114	187386	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.14	117	154590	50.00	UG/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	%Recovery
18) 1,2-Dichloroethane-d4	9.57	65	42778	46.74	UG/L	
34) Toluene-d8	11.54	98	161896	50.59	UG/L	
43) Bromofluorobenzene	14.40	95	100449	45.49	UG/L	

Target Compounds Qvalue

Library Search Compound Report

Data File : S:\MS\MS2\SEP95\A06896.D
Acq On : 30 Sep 95 11:37 pm
Sample : 9527144 SHO950927A873-08
Misc : 9527144

Vial: 12
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

V 0082

IC: A06896.D

9527144 SHO950927A873-08

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.036	rBV	0.307	280801	8.947	9.254
2	9.573	rBV	0.219	148252	9.467	9.685
3	9.922	rBB	0.249	395858	9.833	10.081
4	11.544	rVB	0.313	432741	11.449	11.763
5	13.137	rBV	0.213	431502	13.054	13.267
6	14.400	rBV	0.225	414697	14.311	14.536

1 0083

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950
927A87309

Lab Name: H2M LABS, INC Contract: C003180

Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927

Matrix: (soil/water) WATER Lab Sample ID: 9527145

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06897.D

Level: (low/med) LOW Date Received: 09/28/95

% Moisture: not dec. _____ Date Analyzed: 09/30/95

GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		10	U
75-01-4	Vinyl Chloride		10	U
74-83-9	Bromomethane		10	U
75-00-3	Chloroethane		10	U
75-35-4	1,1-Dichloroethene		5	J
75-15-0	Carbon Disulfide		10	U
67-64-1	Acetone		10	U
75-09-2	Methylene Chloride		10	U
540-59-0	1,2-Dichloroethene (total)		29	
75-34-4	1,1-Dichloroethane		20	
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		51	
56-23-5	Carbon Tetrachloride		10	U
79-01-6	Trichloroethene		8	J
71-43-2	Benzene		10	U
78-87-5	1,2-Dichloropropane		10	U
75-27-4	Bromodichloromethane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
124-48-1	Dibromochloromethane		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-Pentanone		10	U
108-88-3	Toluene		10	U
127-18-4	Tetrachloroethene		46	
591-78-6	2-Hexanone		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
1330-20-7	Xylene (total)		10	U
100-42-5	Styrene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U

V C084

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

340950-
927A87309

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527145
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06897.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 09/30/95
GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
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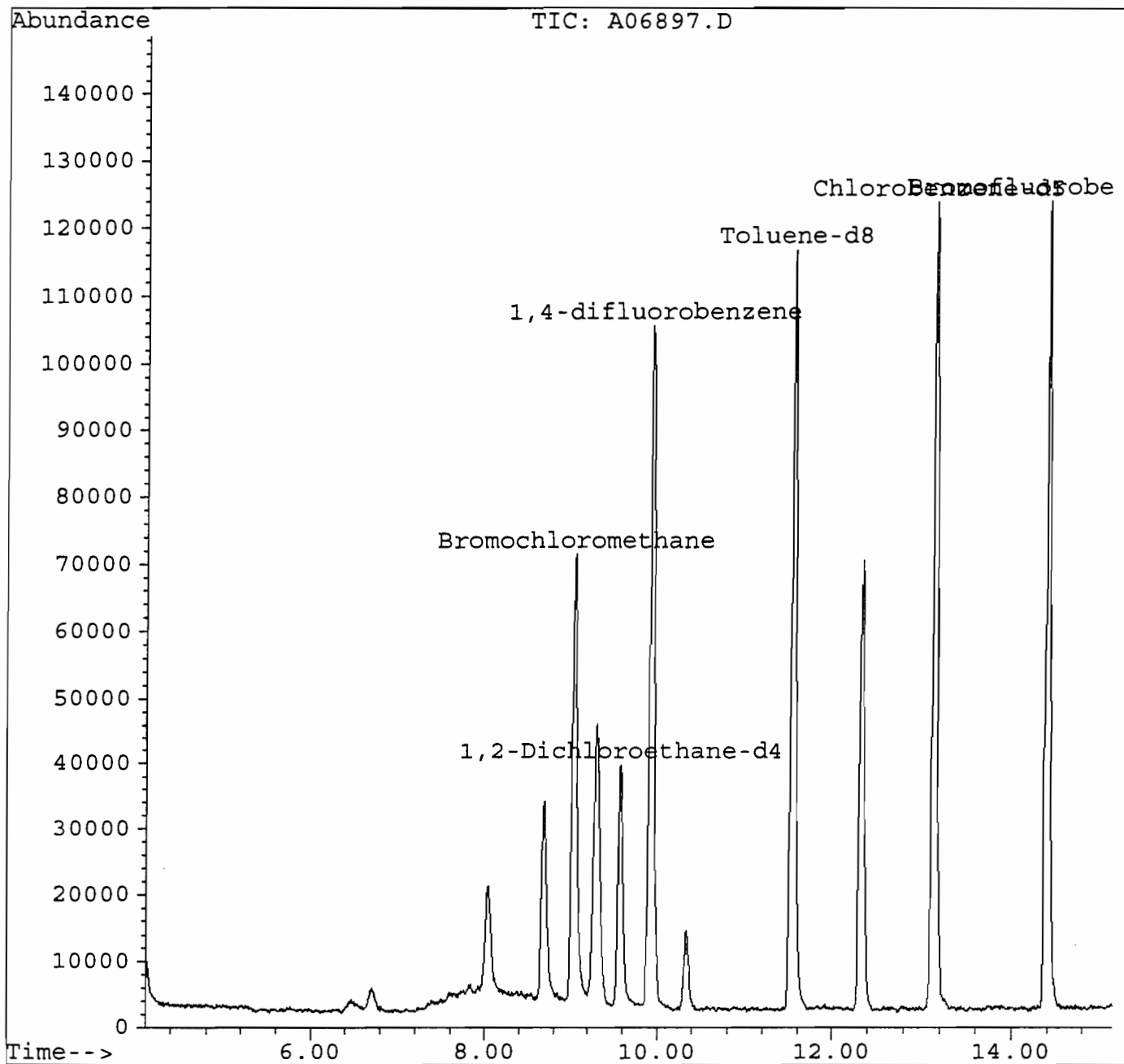
V 0085

Quantitation Report

Data File : S:\MS\MS2\SEP95\A06897.D
 Acq On : 30 Sep 95 11:57 pm
 Sample : 9527145 SHO950927A873-09
 Misc : 9527145
 Quant Time: Oct 18 11:33 1995

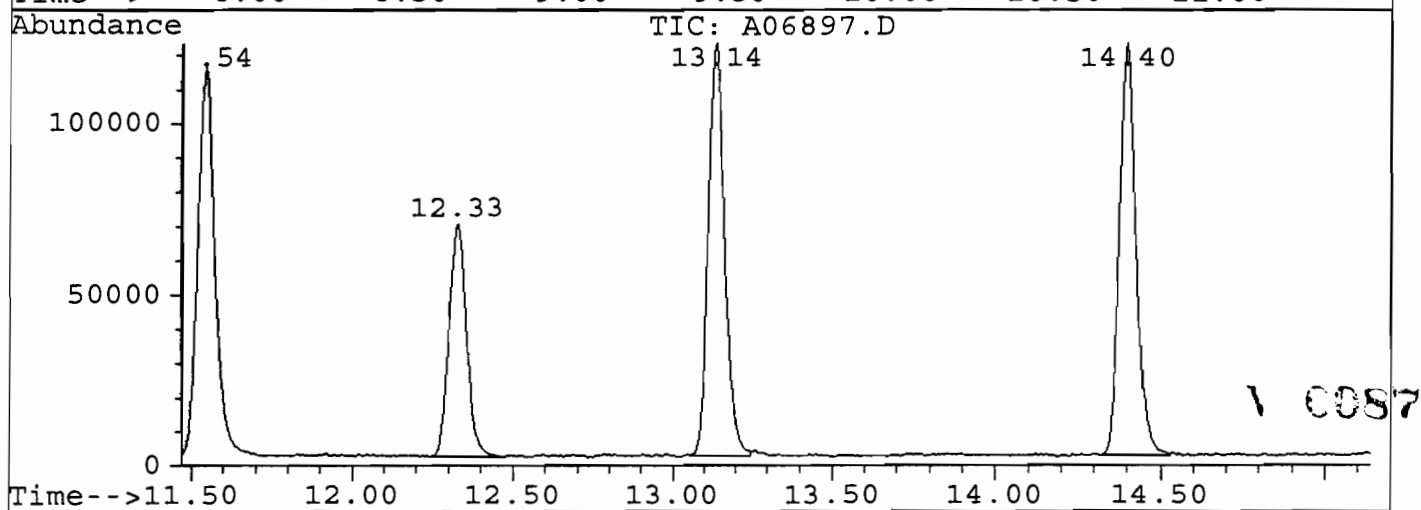
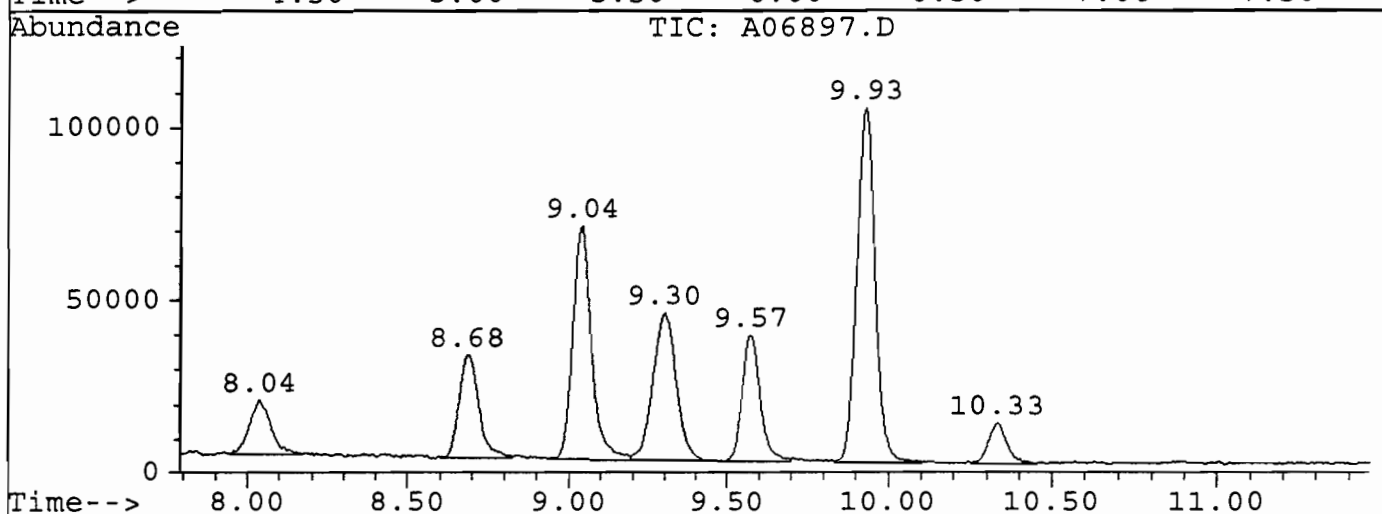
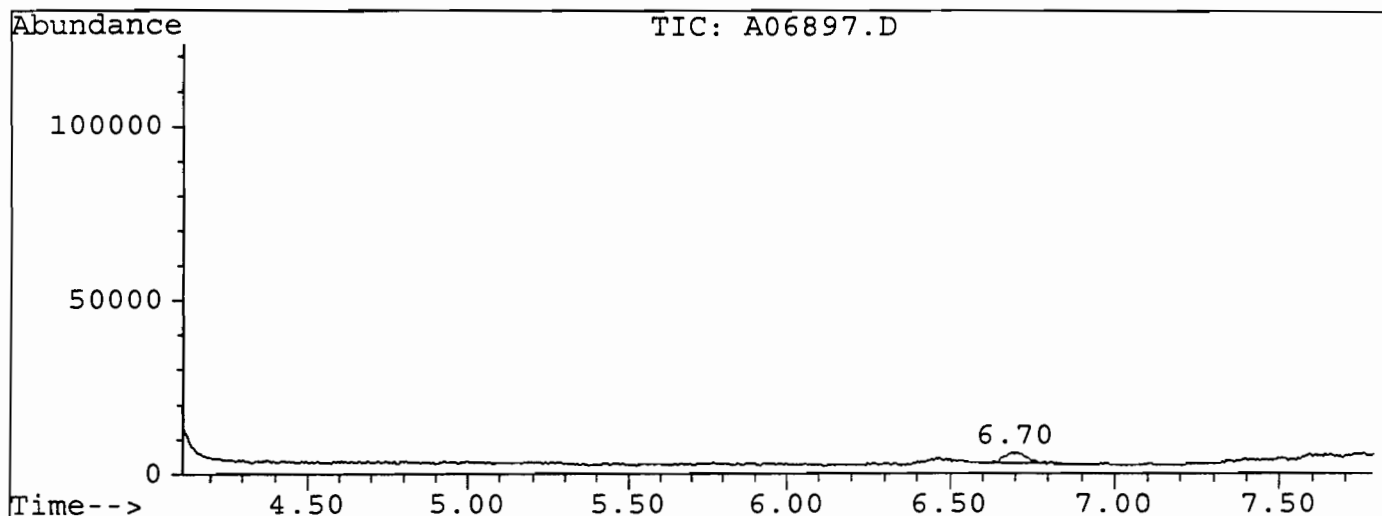
Vial: 13
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Wed Oct 11 14:44:19 1995
 Response via : Single Level Calibration



V C086

File : S:\MS\MS2\SEP95\A06897.D
Operator : MSD
Acquired : 30 Sep 95 11:57 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527145 SHO950927A873-09
Misc Info : 9527145
Vial Number: 13



Quantitation Report

Data File : S:\MS\MS2\SEP95\A06897.D
 Acq On : 30 Sep 95 23:57
 Sample : 9527145 SHO950927A873-09
 Misc : 9527145
 Quant Time: Oct 18 11:33 1995

Vial: 13
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.04	128	42833	50.00	UG/L	0.01
21) 1,4-difluorobenzene	9.93	114	188053	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.14	117	155849	50.00	UG/L	0.00
System Monitoring Compounds						%Recovery
18) 1,2-Dichloroethane-d4	9.57	65	42284	45.84	UG/L	
34) Toluene-d8	11.54	98	163478	50.67	UG/L	
43) Bromofluorobenzene	14.39	95	102267	45.94	UG/L	
Target Compounds						Qvalue
6) 1,1-Dichloroethene	6.71	96	3989	5.07	UG/L	# 61
14) cis-1,2-Dichloroethene	8.69	96	29679	26.30	UG/L	99
15) 1,2-Dichloroethene (total)	8.69	96	29679	28.72	UG/L	99
16) 1,1-Dichloroethane	8.04	63	38162	19.76	UG/L	100
22) 1,1,1-Trichloroethane	9.30	97	68200	51.44	UG/L	98
24) Trichloroethene	10.34	130	9178	7.51	UG/L	98
37) Tetrachloroethene	12.32	164	36701	46.07	UG/L	97

V 0088

(#) = qualifier out of range (m) = manual integration

Library Search Compound Report

Data File : S:\MS\MS2\SEP95\A06897.D
Acq On : 30 Sep 95 11:57 pm
Sample : 9527145 SHO950927A873-09
Misc : 9527145

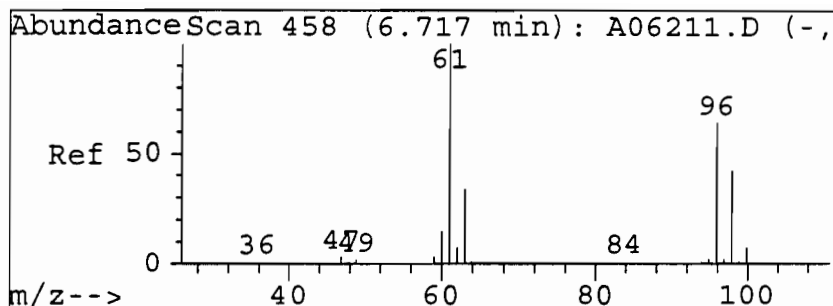
Vial: 13
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

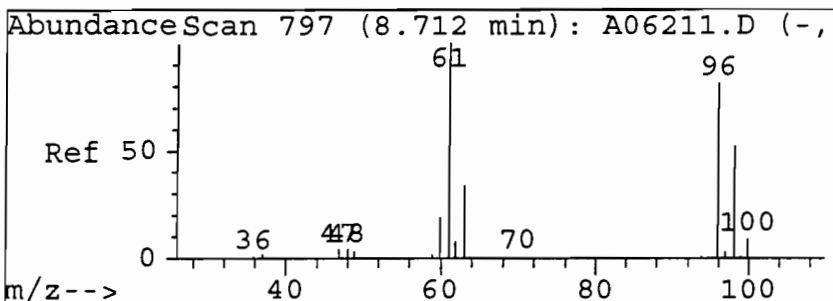
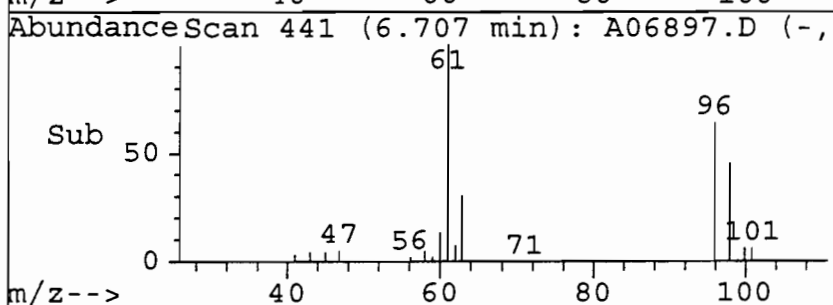
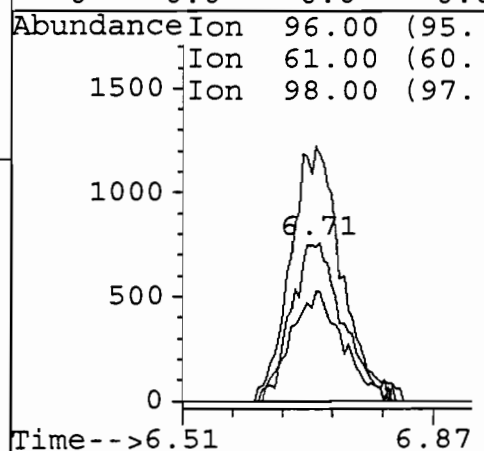
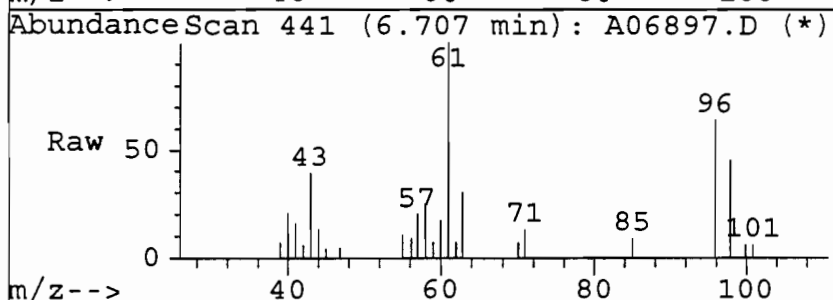
\ 0089

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	6.701	rBV	0.177	15890	6.606	6.783
2	8.040	rVB	0.225	74728	7.946	8.170
3	8.684	rBV	0.219	126889	8.602	8.820
4	9.039	rBV	0.260	278135	8.932	9.193
5	9.299	rVB	0.243	223101	9.193	9.435
6	9.571	rBV	0.230	148021	9.471	9.701
7	9.926	rVB	0.266	403417	9.837	10.103
8	10.333	rVB	0.195	48200	10.257	10.452
9	11.543	rBV	0.260	437083	11.454	11.714
10	12.328	rVB	0.219	257780	12.245	12.464
11	13.136	rBV	0.195	435715	13.054	13.249
12	14.399	rBV	0.207	421476	14.322	14.529



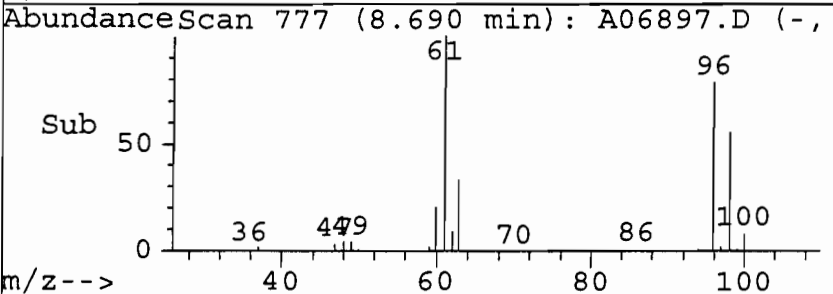
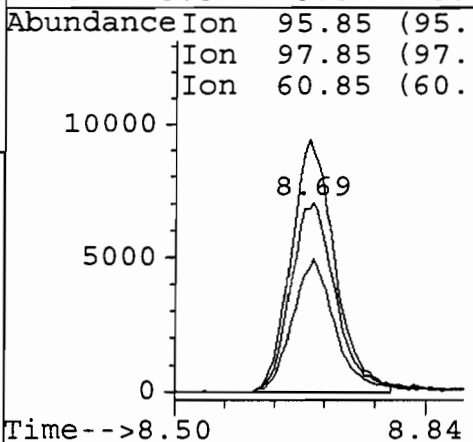
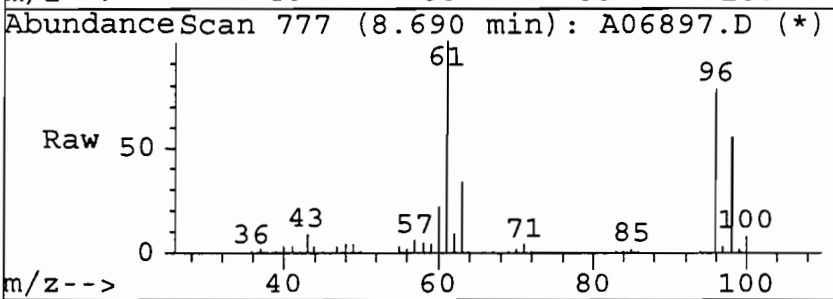
#6
1,1-Dichloroethene
Concen: 5.07 UG/L
RT: 6.71 min Scan# 441
Delta R.T. 0.01 min
Lab File: A06897.D
Acq: 30 Sep 95 11:57 pm

Tgt Ion:	96	Resp:	3989
Ion	Ratio	Lower	Upper
96	100		
61	89.4	139.8	179.8#
98	68.8	46.0	86.0
0	0.0	0.0	0.0



#14
cis-1,2-Dichloroethene
Concen: 26.30 UG/L
RT: 8.69 min Scan# 777
Delta R.T. 0.01 min
Lab File: A06897.D
Acq: 30 Sep 95 11:57 pm

Tgt Ion:	95.85	Resp:	29679
Ion	Ratio	Lower	Upper
96	100		
98	67.8	46.4	86.4
61	131.9	110.7	150.7
0	0.0	0.0	0.0



Sample Name: 9527145 SHO950927A873-09

Misc. Info: 9527145

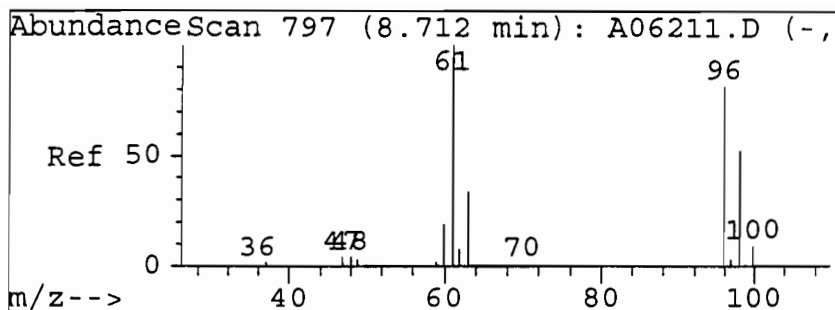
A06897.D VEPWA.M

Wed Oct 18 13:41:44 1995

H2M

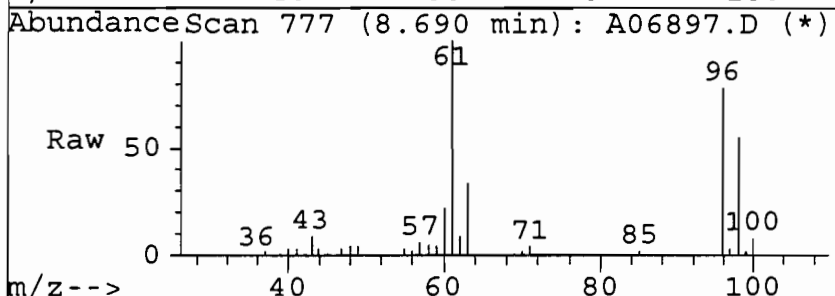
Page 3

V 0091

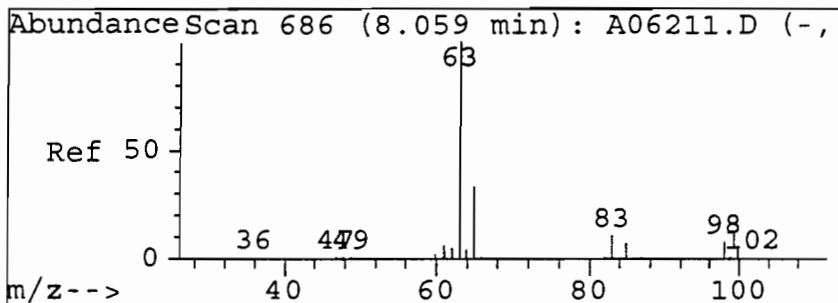
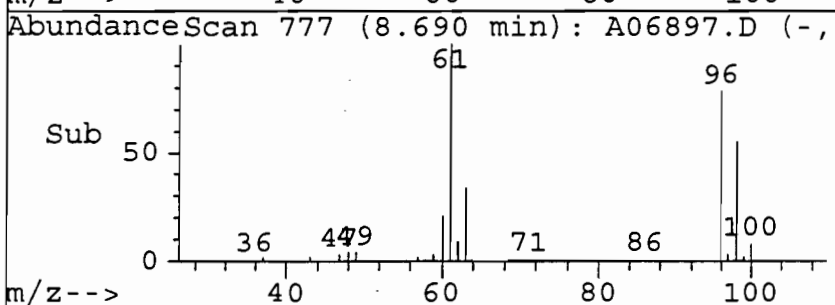
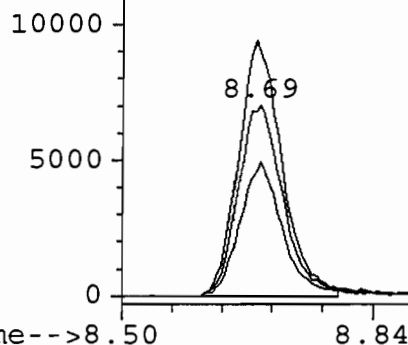


#15
1,2-Dichloroethene (total)
Concen: 28.72 UG/L
RT: 8.69 min Scan# 777
Delta R.T. 0.01 min
Lab File: A06897.D
Acq: 30 Sep 95 11:57 pm

Tgt Ion:	96	Resp:	29679
Ion Ratio	Lower	Upper	
96	100		
61	131.9	110.3	150.3
98	67.8	46.6	86.6
0	0.0	0.0	0.0

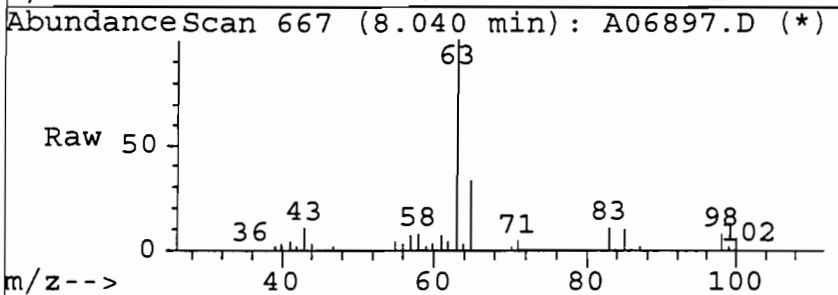


Abundance	Ion	96.00 (95.
	Ion	61.00 (60.
	Ion	98.00 (97.

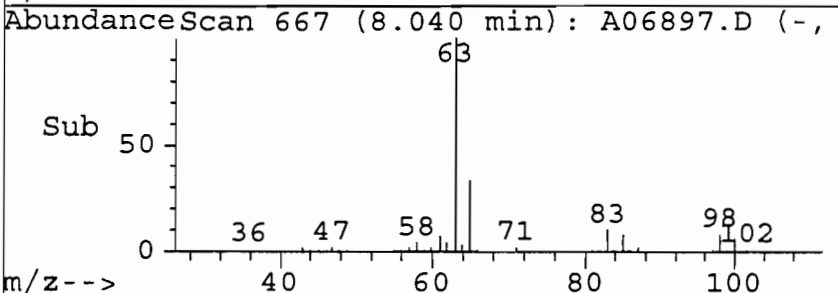
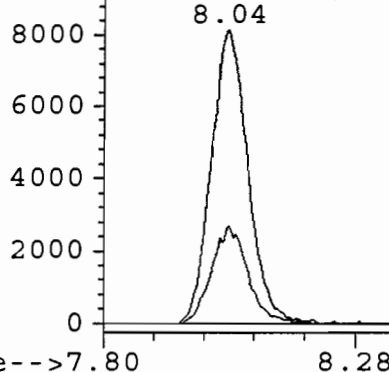


#16
1,1-Dichloroethane
Concen: 19.76 UG/L
RT: 8.04 min Scan# 667
Delta R.T. 0.01 min
Lab File: A06897.D
Acq: 30 Sep 95 11:57 pm

Tgt Ion:	63	Resp:	38162
Ion Ratio	Lower	Upper	
63	100		
65	32.5	12.5	52.5
0	0.0	0.0	0.0
0	0.0	0.0	0.0



Abundance	Ion	63.00 (62.
	Ion	65.00 (64.



Sample Name: 9527145 SH0950927A873-09

Misc. Info: 9527145

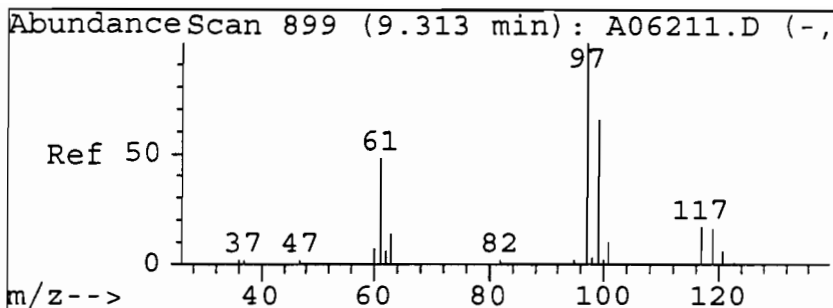
A06897.D VEPWA.M

Wed Oct 18 13:41:47 1995

H2M

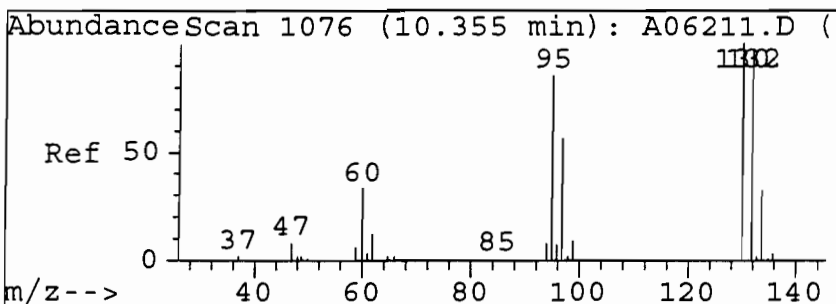
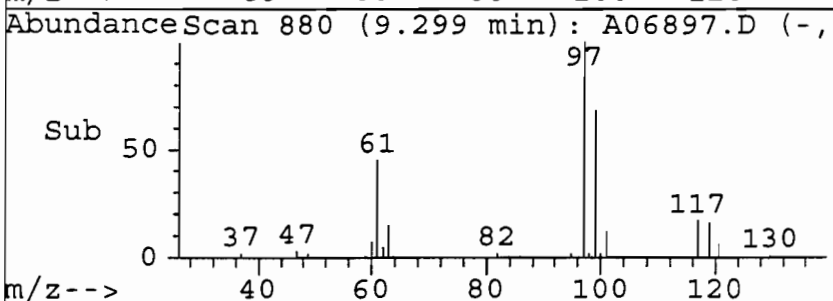
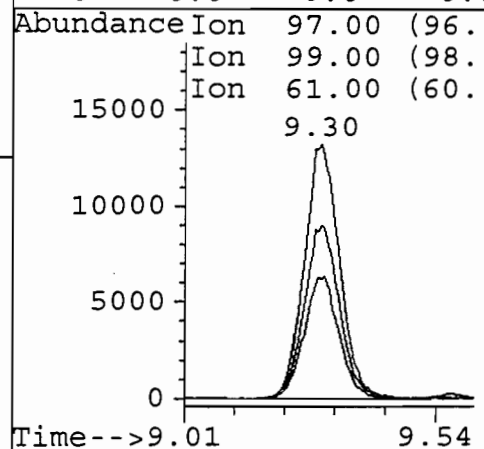
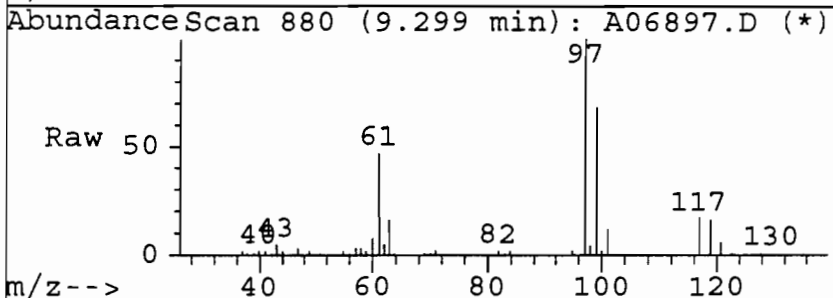
Page 4

V 0092



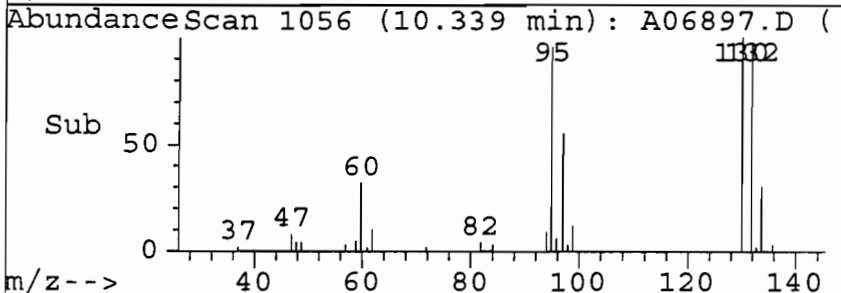
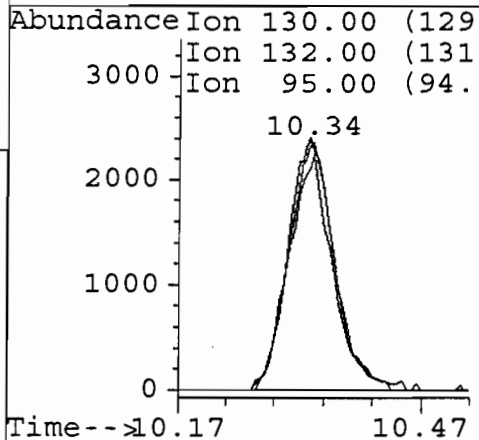
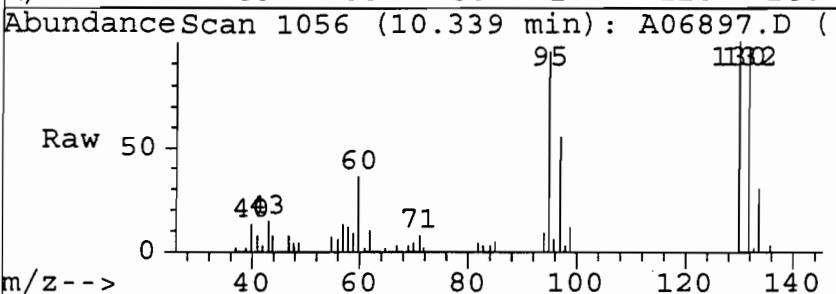
#22
1,1,1-Trichloroethane
Concen: 51.44 UG/L
RT: 9.30 min Scan# 880
Delta R.T. 0.00 min
Lab File: A06897.D
Acq: 30 Sep 95 11:57 pm

Tgt Ion:97 Resp: 68200
Ion Ratio Lower Upper
97 100
99 68.1 45.9 85.9
61 47.3 27.6 67.6
0 0.0 0.0 0.0



#24
Trichloroethene
Concen: 7.51 UG/L
RT: 10.34 min Scan# 1056
Delta R.T. 0.01 min
Lab File: A06897.D
Acq: 30 Sep 95 11:57 pm

Tgt Ion:130 Resp: 9178
Ion Ratio Lower Upper
130 100
132 97.3 76.7 116.7
95 90.3 66.8 106.8
0 0.0 0.0 0.0



Sample Name: 9527145 SH0950927A873-09

Misc. Info: 9527145

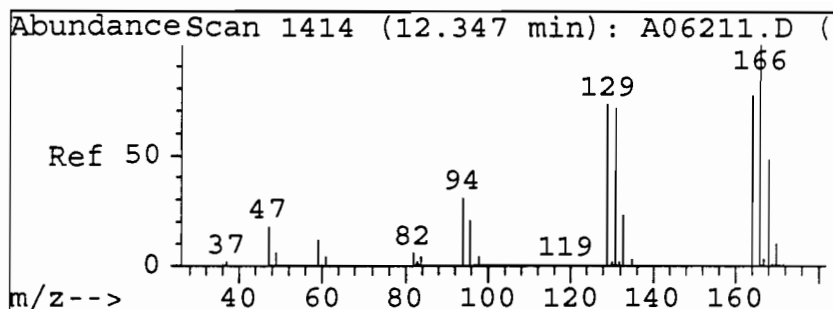
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Wed Oct 18 13:41:51 1995

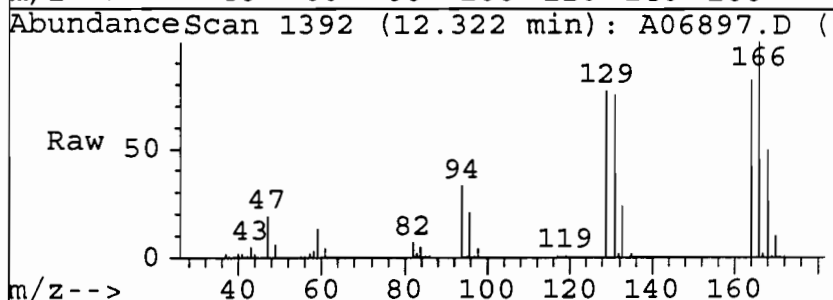
H2M

Page 5

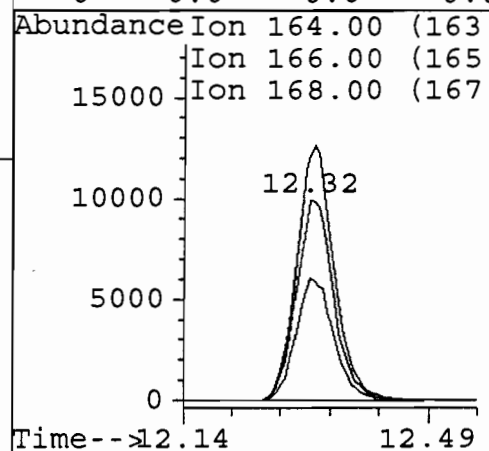
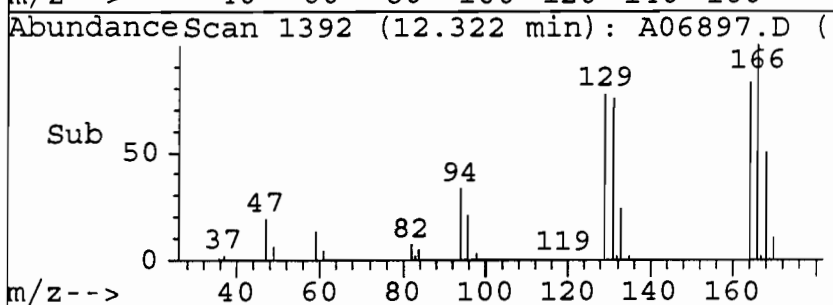
V 0093



#37
 Tetrachloroethene
 Concen: 46.07 UG/L
 RT: 12.32 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: A06897.D
 Acq: 30 Sep 95 11:57 pm



Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	111.2	151.2
168	61.6	42.7	82.7
0	0.0	0.0	0.0



Sample Name: 9527145 SHO950927A873-09

Misc. Info: 9527145

A06897.D VEPWA.M

Wed Oct 18 13:41:55 1995

H2M

0094

Page 6

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950
927A87310

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Matrix: (soil/water) WATER Lab Sample ID: 9527146
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06898.D
 Level: (low/med) LOW Date Received: 09/28/95
 % Moisture: not dec. _____ Date Analyzed: 10/01/95
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
75-34-4	1,1-Dichloroethane	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
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
124-48-1	Dibromochloromethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U
100-42-5	Styrene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950 -
927A87310

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527146
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06898.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 10/01/95
GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
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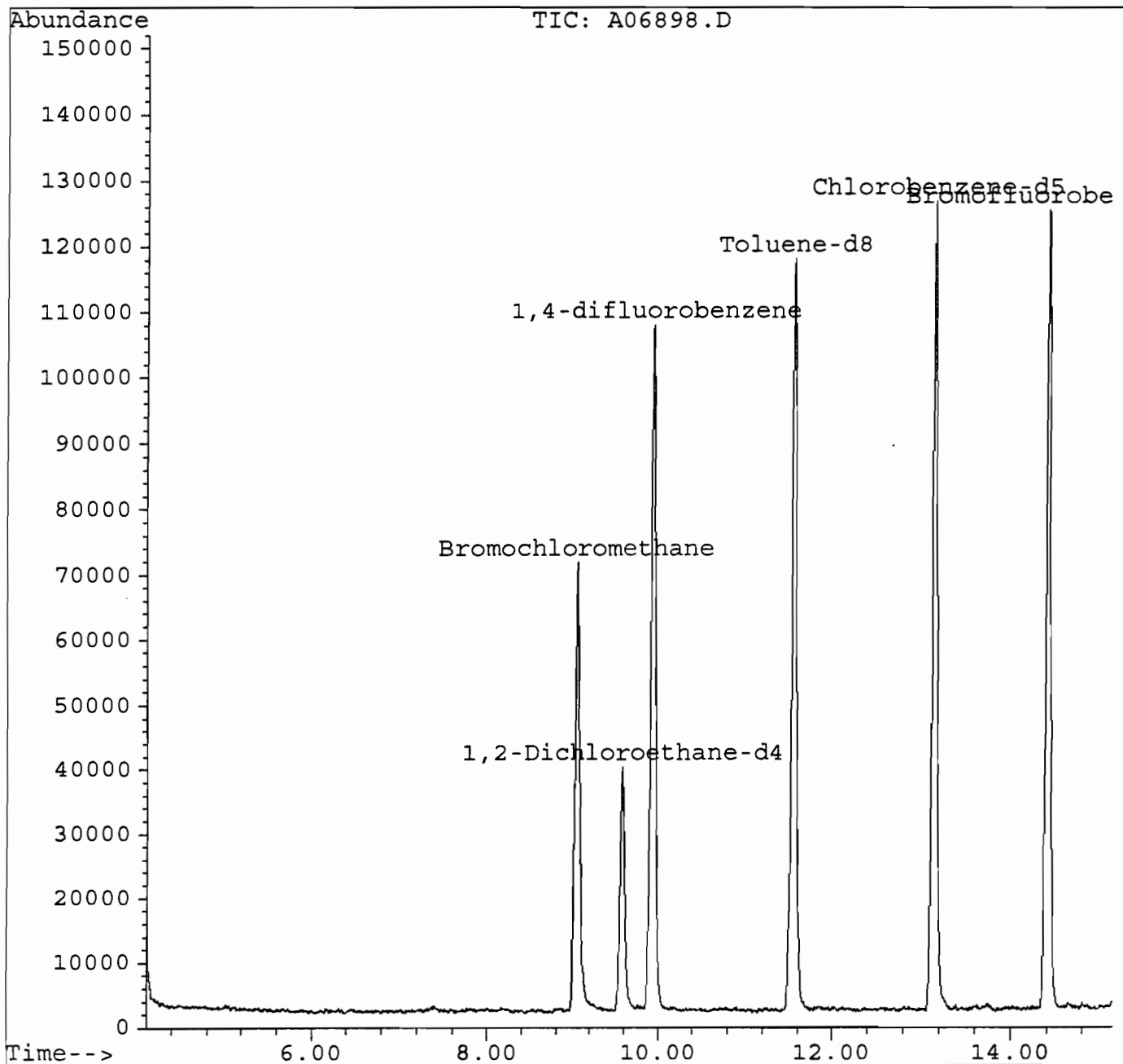
1 0096

Quantitation Report

Data File : S:\MS\MS2\OCT95\A06898.D
Acq On : 1 Oct 95 12:17 am
Sample : 9527146 SHO950927A873-10
Misc : 9527146
Quant Time: Oct 6 12:43 1995

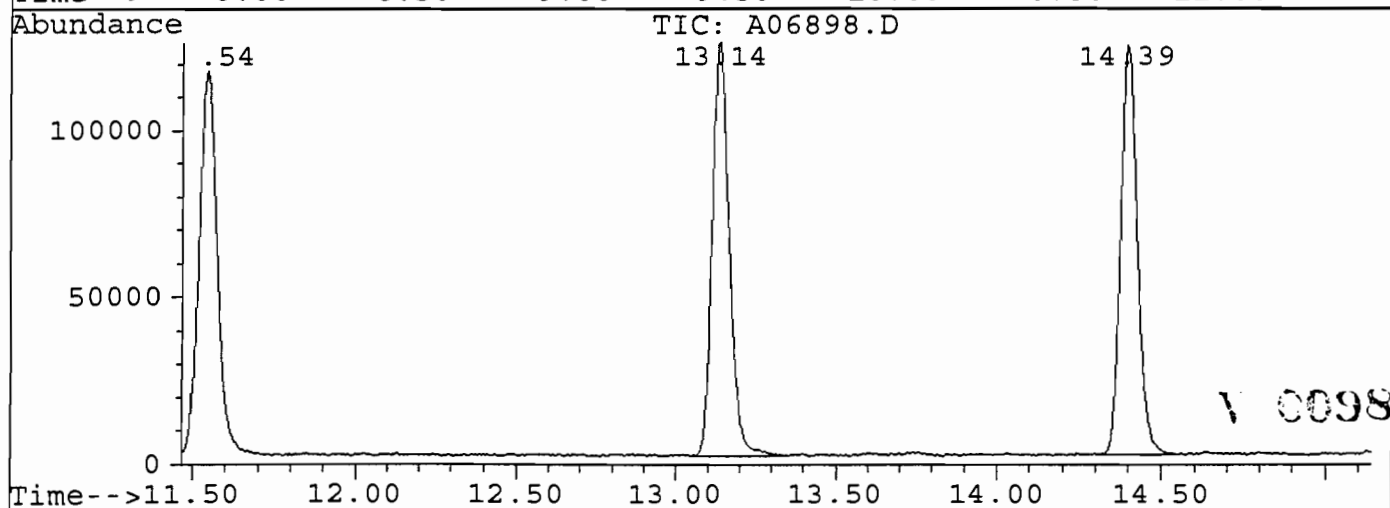
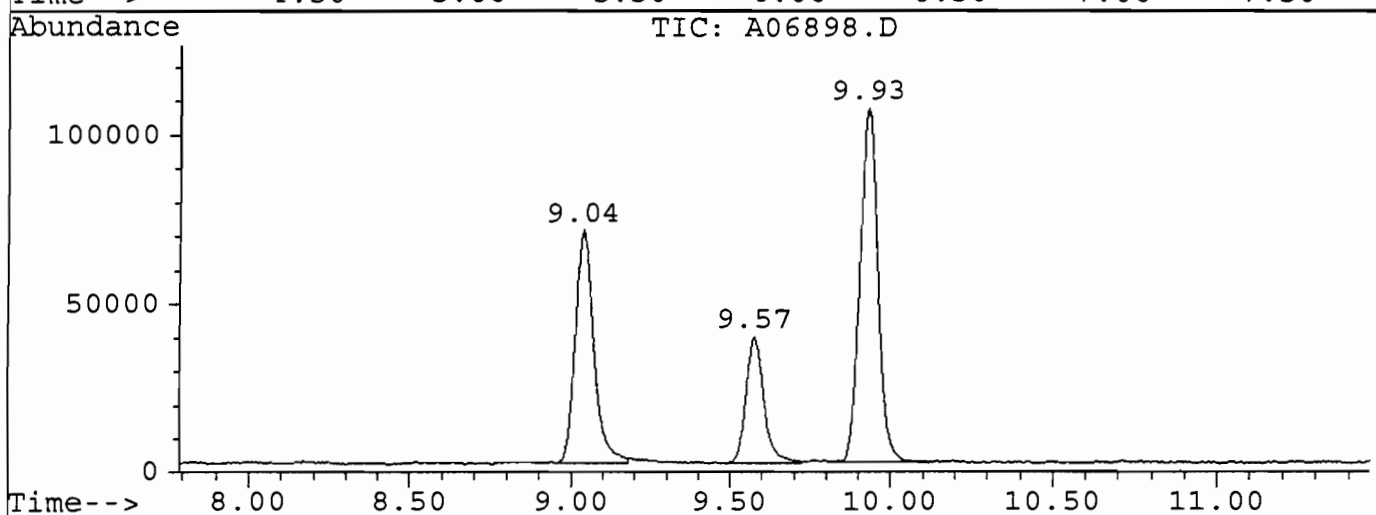
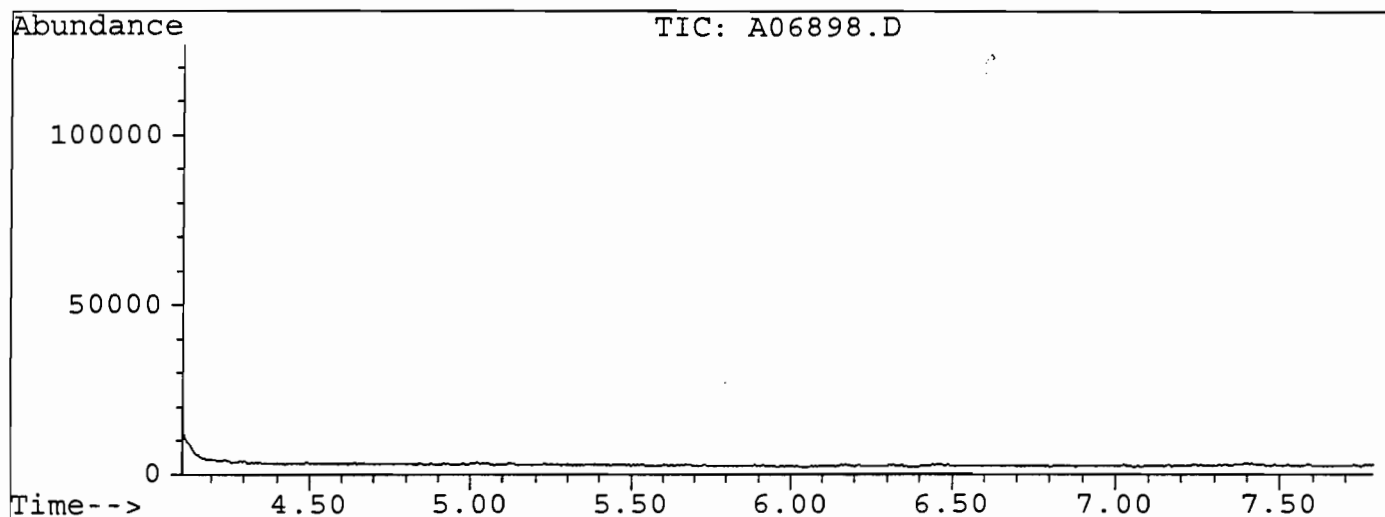
Vial: 14
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V C097

File : S:\MS\MS2\OCT95\A06898.D
Operator : MSD
Acquired : 1 Oct 95 12:17 am using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527146 SHO950927A873-10
Misc Info : 9527146
Vial Number: 14



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06898.D
Acq On : 1 Oct 95 12:17 am
Sample : 9527146 SH0950927A873-10
Misc : 9527146
Quant Time: Oct 6 12:43 1995

Vial: 14
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Fri Oct 06 12:30:34 1995
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.04	128	43489	50.00	UG/L	0.01
21) 1,4-difluorobenzene	9.93	114	193093	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.14	117	160778	50.00	UG/L	0.00

System Monitoring Compounds					%Recovery
18) 1,2-Dichloroethane-d4	9.57	65	43763	46.73	UG/L
34) Toluene-d8	11.54	98	167197	50.24	UG/L
43) Bromofluorobenzene	14.39	95	105156	45.79	UG/L

Target Compounds	Qvalue
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V 0099

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06898.D
Acq On : 1 Oct 95 12:17 am
Sample : 9527146 SHO950927A873-10
Misc : 9527146

Vial: 14
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

V C100

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.036	rBV	0.225	287151	8.953	9.178
2	9.573	rBV	0.236	151121	9.490	9.727
3	9.928	rBV	0.260	409959	9.821	10.082
4	11.544	rBV	0.260	446931	11.402	11.663
5	13.137	rBV	0.302	459080	13.049	13.350
6	14.394	rBV	0.231	432946	14.317	14.548

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950-
927A87311

Lab Name: H2M LABS, INC Contract: C003180

Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927

Matrix: (soil/water) WATER Lab Sample ID: 9527147

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06899.D

Level: (low/med) LOW Date Received: 09/28/95

% Moisture: not dec. _____ Date Analyzed: 10/01/95

GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

V C102

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950-
927A87311

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527147
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06899.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 10/01/95
GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

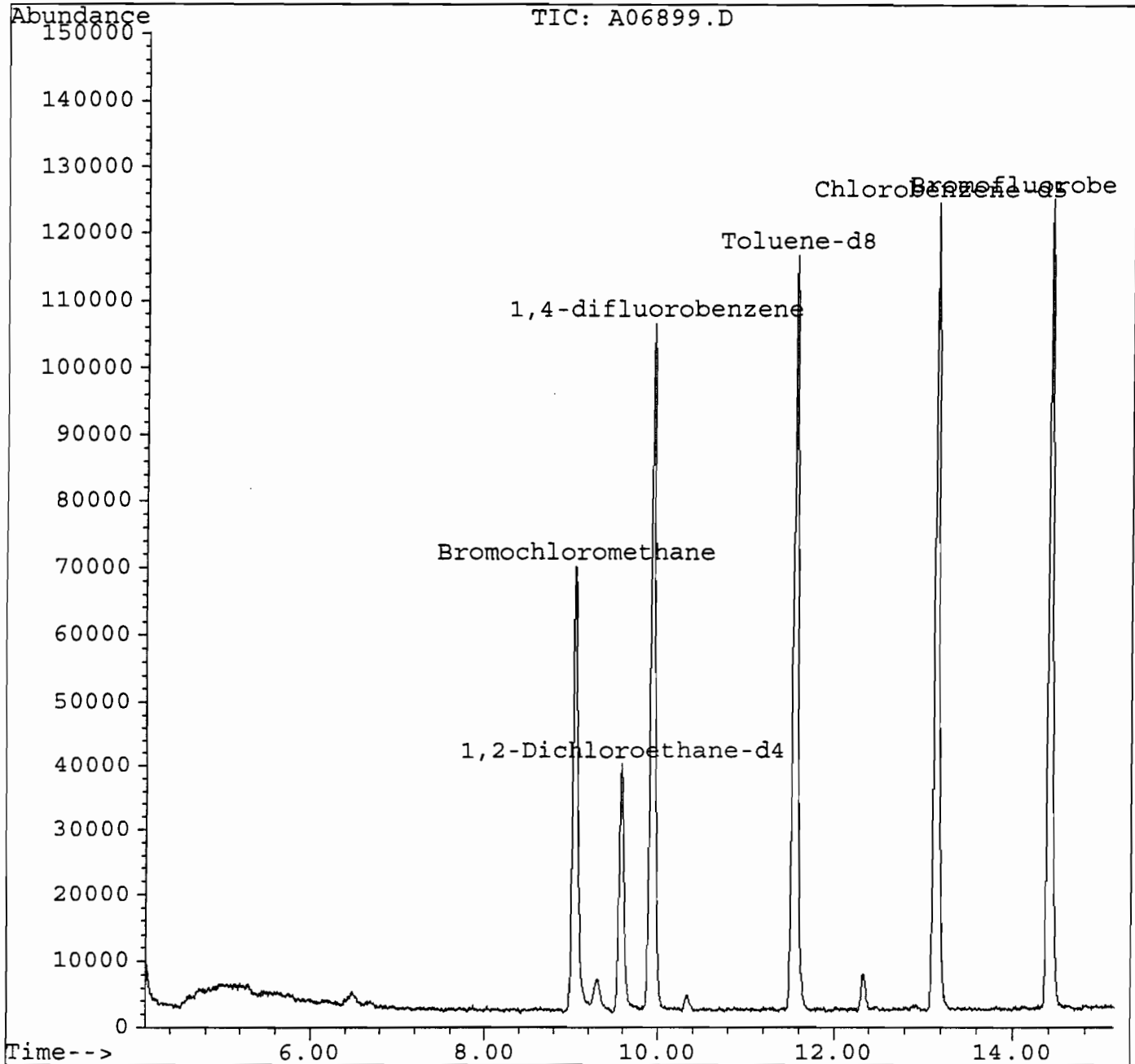
CAS NO.	COMPOUND	RT	EST. CONC.	Q
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Quantitation Report

Data File : S:\MS\MS2\OCT95\A06899.D
Acq On : 1 Oct 95 12:38 am
Sample : 9527147 SHO950927A873-11
Misc : 9527147
Quant Time: Oct 18 11:46 1995

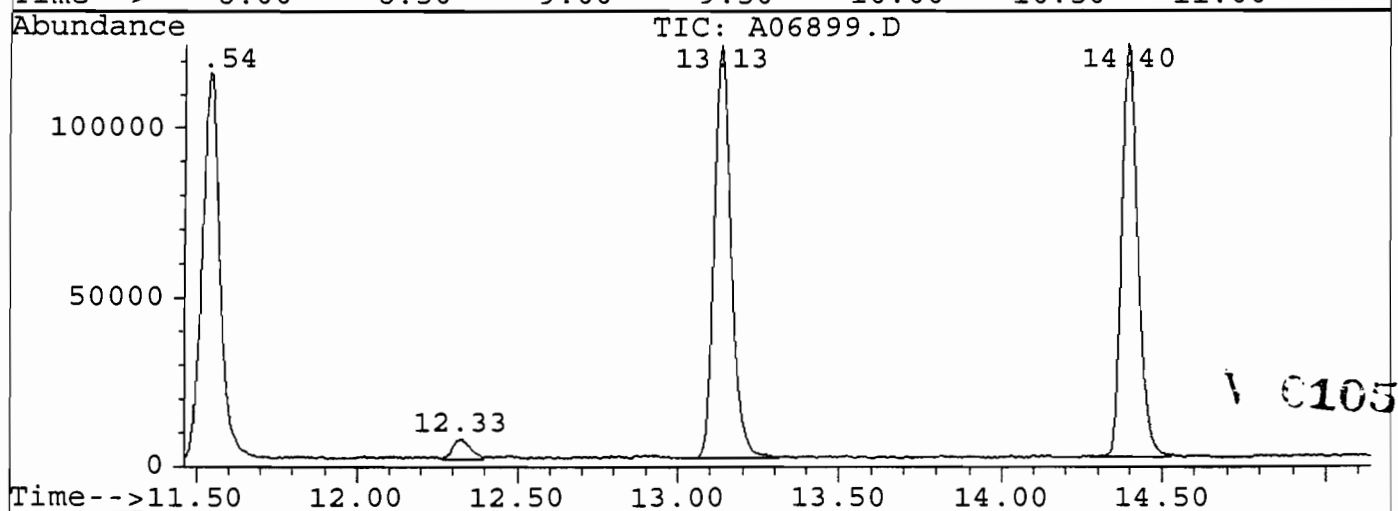
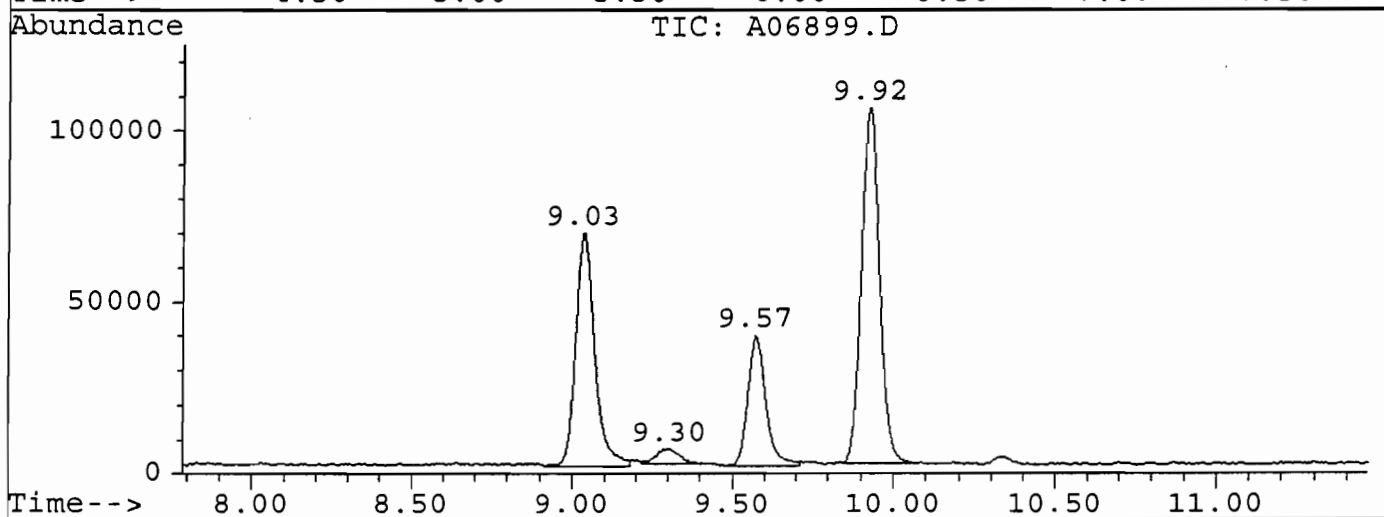
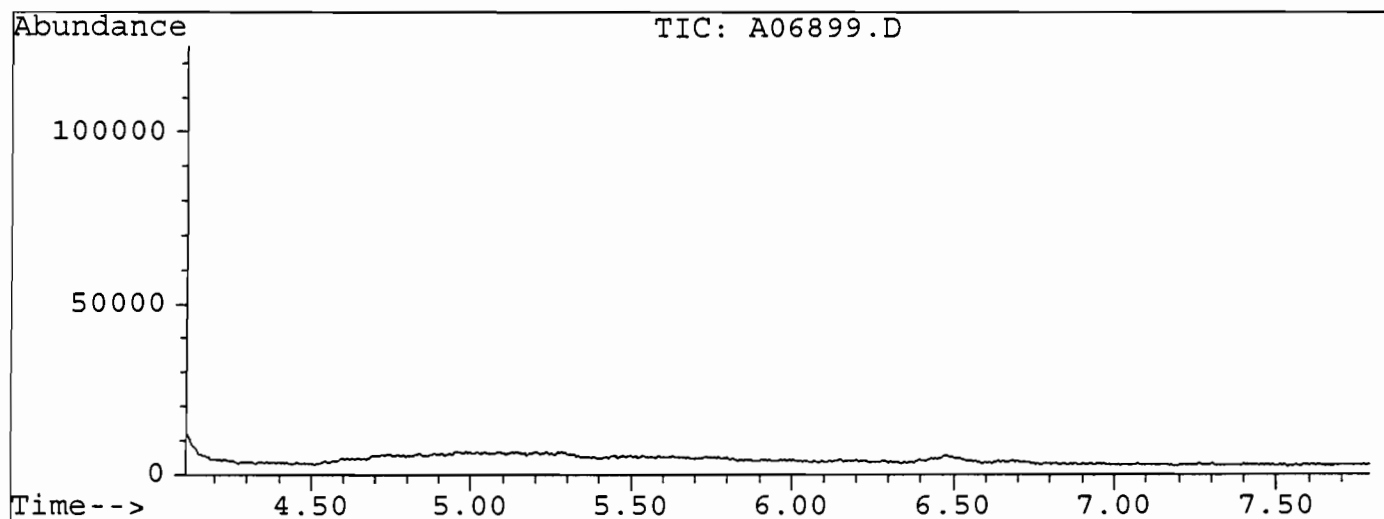
Vial: 14
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V C104

File : S:\MS\MS2\OCT95\A06899.D
Operator : MSD
Acquired : 1 Oct 95 12:38 am using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527147 SHO950927A873-11
Misc Info : 9527147
Vial Number: 14



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06899.D
 Acq On : 1 Oct 95 00:38
 Sample : 9527147 SHO950927A873-11
 Misc : 9527147
 Quant Time: Oct 18 11:46 1995

Vial: 14
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.04	128	43153	50.00	UG/L	0.01
21) 1,4-difluorobenzene	9.92	114	190219	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.13	117	157047	50.00	UG/L	0.00
System Monitoring Compounds						%Recovery
18) 1,2-Dichloroethane-d4	9.57	65	43211	46.50	UG/L	
34) Toluene-d8	11.54	98	164160	50.50	UG/L	
43) Bromofluorobenzene	14.40	95	103900	46.32	UG/L	
Target Compounds						Qvalue
22) 1,1,1-Trichloroethane	9.29	97	7235	5.39	UG/L	98
24) Trichloroethene	10.33	130	1745	1.41	UG/L	95
37) Tetrachloroethene	12.33	164	2797	3.48	UG/L	98

\ C106

(#) = qualifier out of range (m) = manual integration

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06899.D
Acq On : 1 Oct 95 12:38 am
Sample : 9527147 SH0950927A873-11
Misc : 9527147

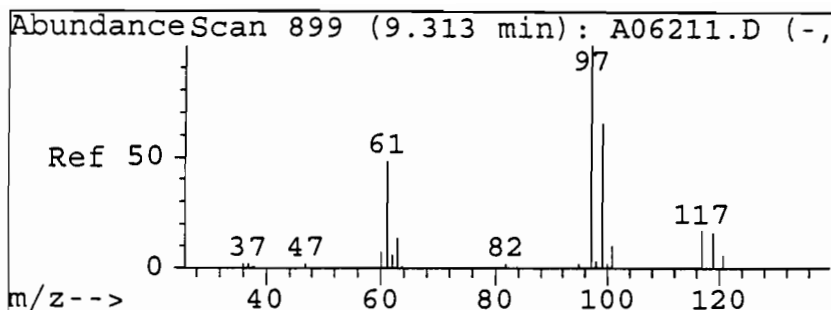
Vial: 14
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

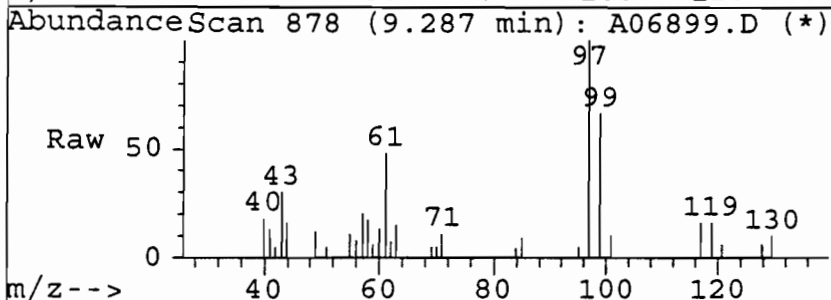
No Library Search Compounds Detected

V C107

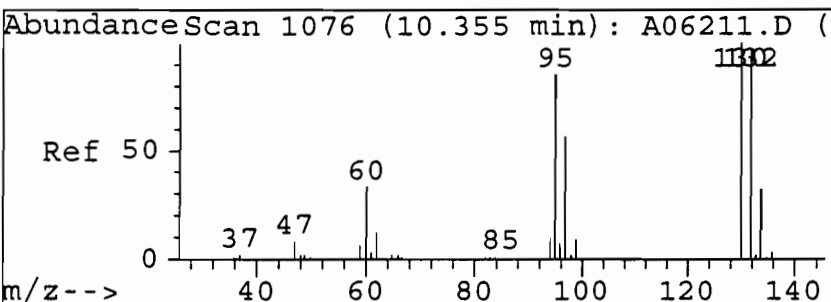
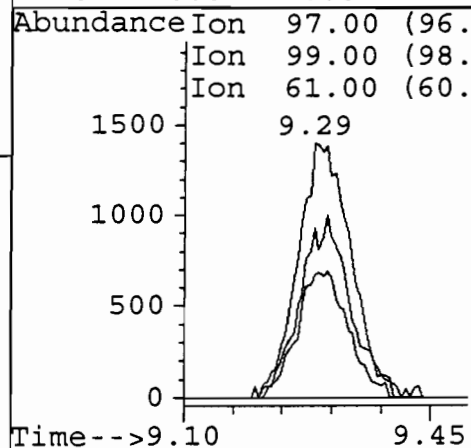
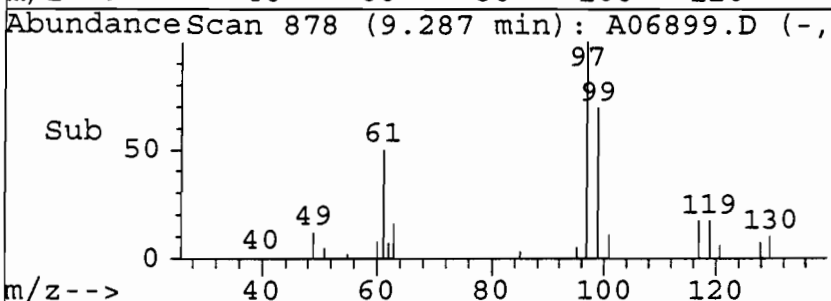
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.032	rBV	0.266	284180	8.914	9.180
2	9.304	rVB	0.189	22675	9.216	9.405
3	9.570	rBV	0.230	149804	9.481	9.712
4	9.924	rBV	0.225	402465	9.841	10.066
5	11.541	rBV	0.290	437884	11.446	11.736
6	12.326	rBV	0.130	22399	12.267	12.397
7	13.134	rBV	0.272	445620	13.039	13.311
8	14.397	rBV	0.225	427471	14.302	14.527



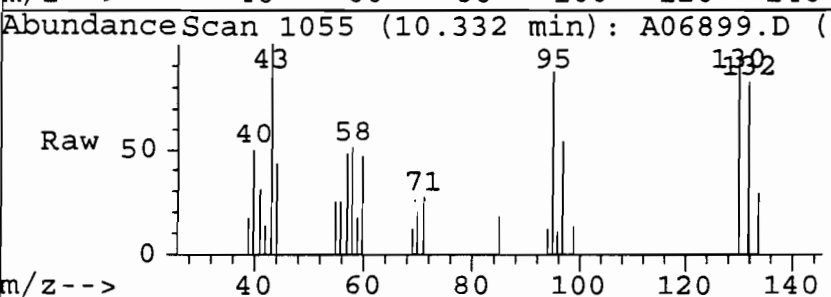
#22
1,1,1-Trichloroethane
Concen: 5.39 UG/L
RT: 9.29 min Scan# 878
Delta R.T. -0.01 min
Lab File: A06899.D
Acq: 1 Oct 95 12:38 am



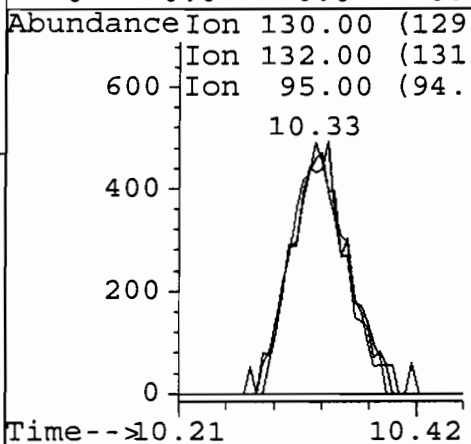
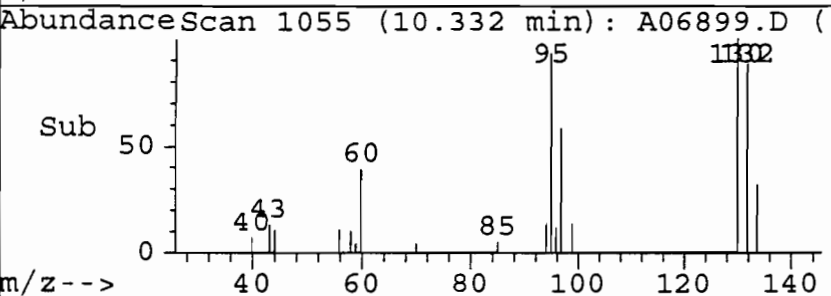
Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.0	45.9	85.9
61	48.0	27.6	67.6
0	0.0	0.0	0.0



#24
Trichloroethene
Concen: 1.41 UG/L
RT: 10.33 min Scan# 1055
Delta R.T. 0.00 min
Lab File: A06899.D
Acq: 1 Oct 95 12:38 am



Tgt Ion	Ratio	Lower	Upper
130	100		
132	97.0	76.7	116.7
95	96.8	66.8	106.8
0	0.0	0.0	0.0



Sample Name: 9527147 SHO950927A873-11

Misc. Info: 9527147

A06899.D VEPWA.M

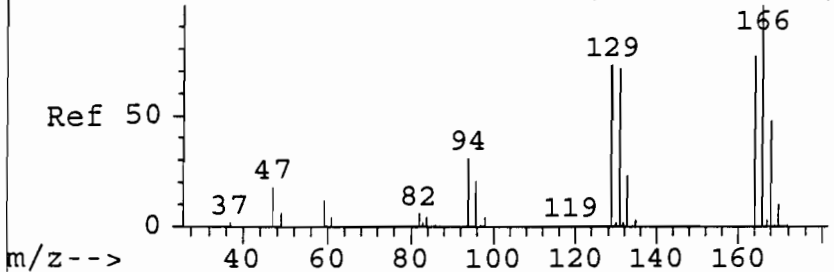
Wed Oct 18 13:00:10 1995

H2M

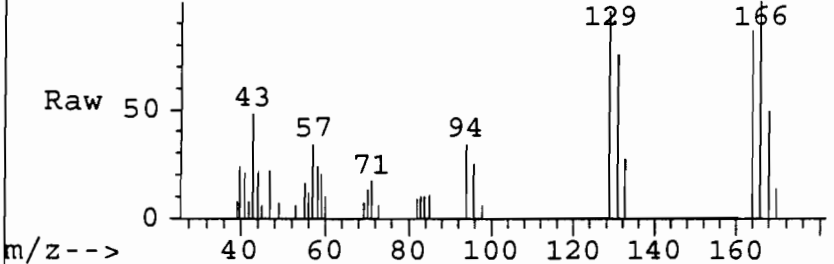
Page 3

V C109

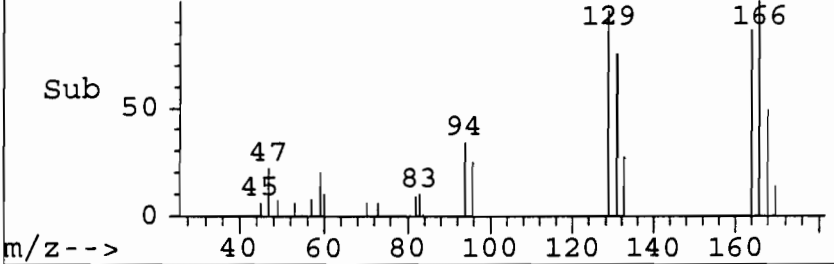
AbundanceScan 1414 (12.347 min): A06211.D (



AbundanceScan 1393 (12.326 min): A06899.D (



AbundanceScan 1393 (12.326 min): A06899.D (



#37

Tetrachloroethene

Concen: 3.48 UG/L

RT: 12.33 min Scan# 1393

Delta R.T. -0.00 min

Lab File: A06899.D

Acq: 1 Oct 95 12:38 am

Tgt Ion:164 Resp: 2797

Ion Ratio Lower Upper

164 100

166 133.9 111.2 151.2

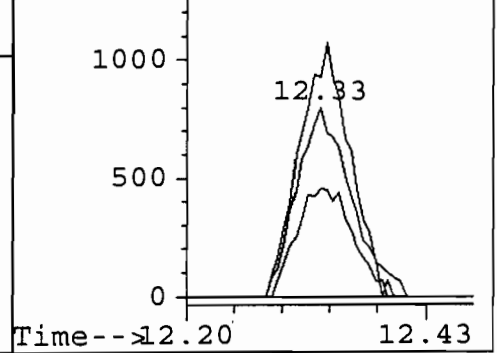
168 61.1 42.7 82.7

0 0.0 0.0 0.0

Abundance Ion 164.00 (163

1500 Ion 166.00 (165

Ion 168.00 (167



Sample Name: 9527147 SH0950927A873-11

Misc. Info: 9527147

A06899.D VEPWA.M

Wed Oct 18 13:00:41 1995

H2M

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V 0110

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950-
927A87312

Lab Name: H2M LABS, INC Contract: C003180

Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927

Matrix: (soil/water) WATER Lab Sample ID: 9527148

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06900.D

Level: (low/med) LOW Date Received: 09/28/95

% Moisture: not dec. _____ Date Analyzed: 10/01/95

GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-35-4	1,1-Dichloroethene	2	J	
75-15-0	Carbon Disulfide	10	U	
67-64-1	Acetone	10	U	
75-09-2	Methylene Chloride	10	U	
540-59-0	1,2-Dichloroethene (total)	6	J	
75-34-4	1,1-Dichloroethane	1	J	
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	13		
56-23-5	Carbon Tetrachloride	10	U	
79-01-6	Trichloroethene	5	J	
71-43-2	Benzene	10	U	
78-87-5	1,2-Dichloropropane	10	U	
75-27-4	Bromodichloromethane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
10061-02-6	trans-1,3-Dichloropropene	10	U	
79-00-5	1,1,2-Trichloroethane	10	U	
124-48-1	Dibromochloromethane	10	U	
75-25-2	Bromoform	10	U	
108-10-1	4-Methyl-2-Pentanone	10	U	
108-88-3	Toluene	10	U	
127-18-4	Tetrachloroethene	10		
591-78-6	2-Hexanone	10	U	
108-90-7	Chlorobenzene	10	U	
100-41-4	Ethylbenzene	10	U	
1330-20-7	Xylene (total)	10	U	
100-42-5	Styrene	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950
927A87312

Lab Name: H2M LABS,INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527148
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06900.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 10/01/95
GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

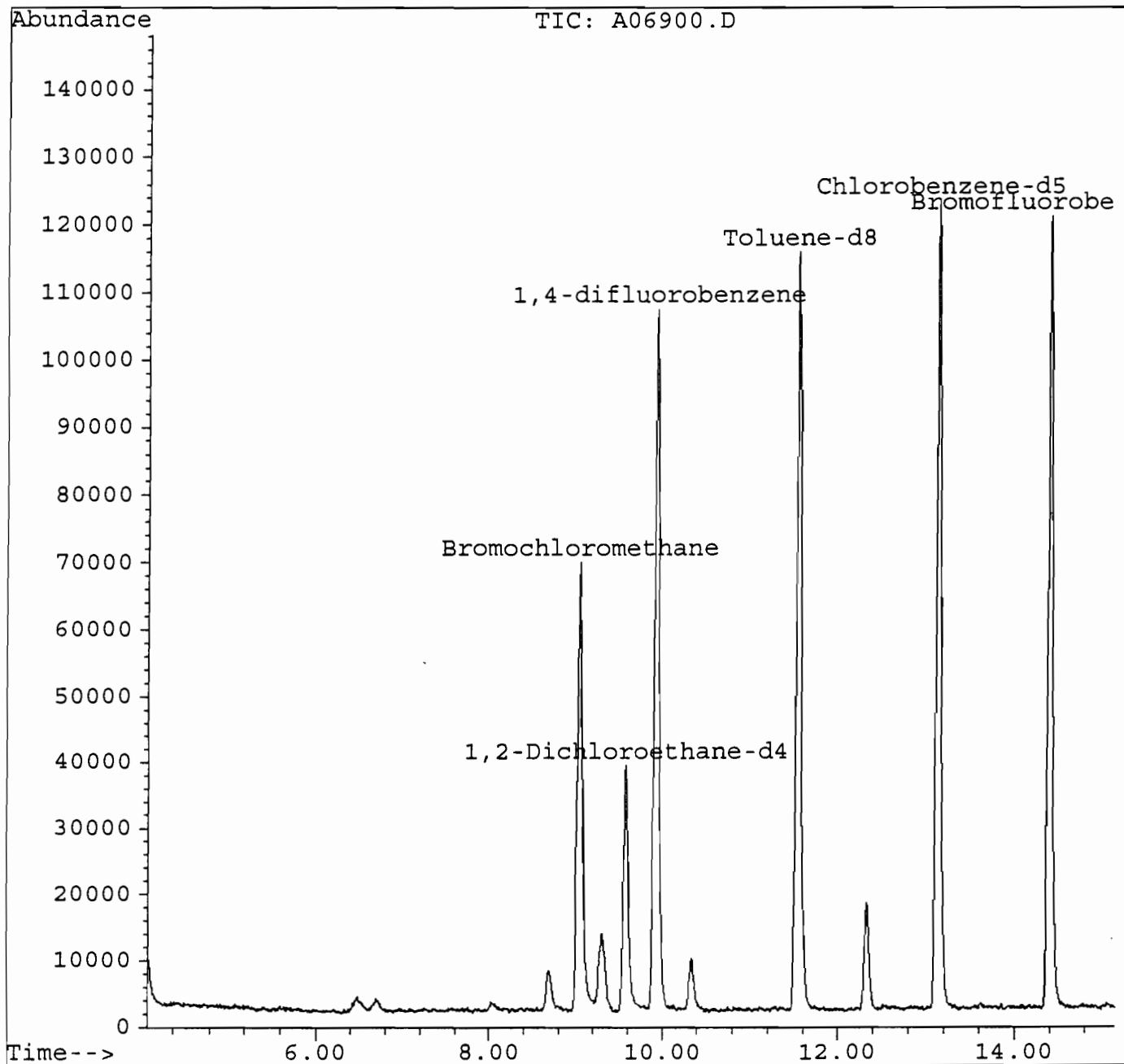
CAS NO.	COMPOUND	RT	EST. CONC.	Q
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Quantitation Report

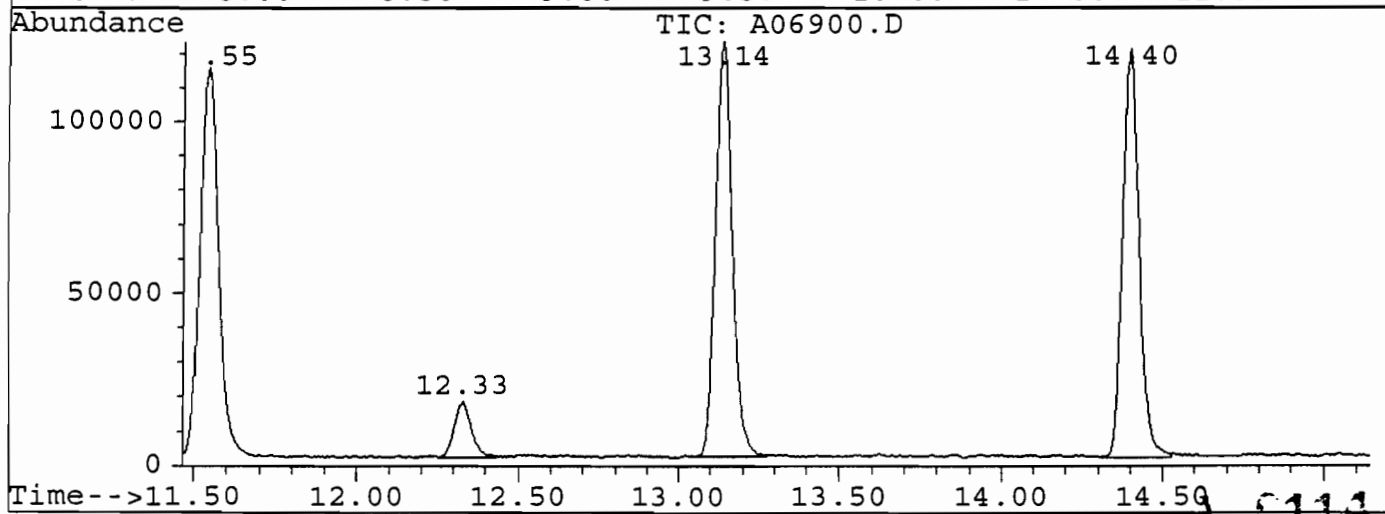
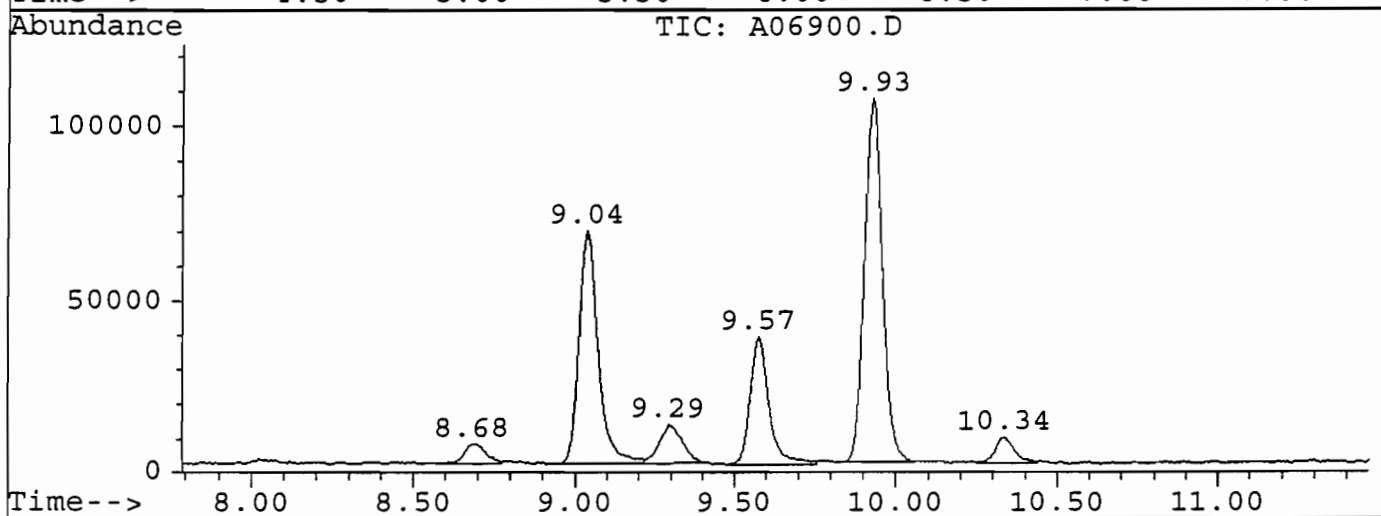
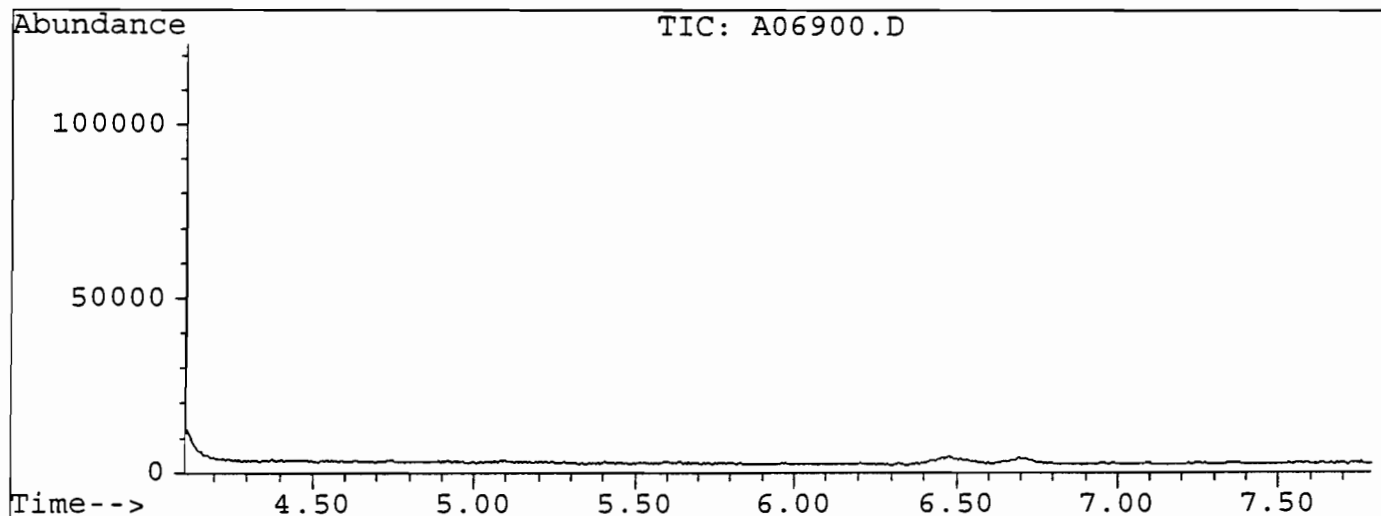
Data File : S:\MS\MS2\OCT95\A06900.D
Acq On : 1 Oct 95 12:58 am
Sample : 9527148 SHO950927A873-12
Misc : 9527148
Quant Time: Oct 18 12:16 1995

Vial: 15
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



File : S:\MS\MS2\OCT95\A06900.D
Operator : MSD
Acquired : 1 Oct 95 12:58 am using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527148 SHO950927A873-12
Misc Info : 9527148
Vial Number: 15



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06900.D
 Acq On : 1 Oct 95 00:58
 Sample : 9527148 SHO950927A873-12
 Misc : 9527148
 Quant Time: Oct 18 12:16 1995

Vial: 15
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.04	128	43714	50.00	UG/L	0.01
21) 1,4-difluorobenzene	9.93	114	192007	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.14	117	157619	50.00	UG/L	0.00
System Monitoring Compounds						%Recovery
18) 1,2-Dichloroethane-d4	9.57	65	43340	46.04	UG/L	
34) Toluene-d8	11.55	98	166420	51.01	UG/L	
43) Bromofluorobenzene	14.40	95	102270	45.43	UG/L	
Target Compounds						Qvalue
6) 1,1-Dichloroethene	6.69	96	1712	2.13	UG/L	95
14) cis-1,2-Dichloroethene	8.68	96	6189	5.37	UG/L	96
15) 1,2-Dichloroethene (total)	8.68	96	6189	5.87	UG/L	96
16) 1,1-Dichloroethane	8.03	63	2276	1.15	UG/L	98
22) 1,1,1-Trichloroethane	9.31	97	18122	13.39	UG/L	99
24) Trichloroethene	10.34	130	6349	5.09	UG/L	99
37) Tetrachloroethene	12.32	164	8312	10.32	UG/L	100

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06900.D
Acq On : 1 Oct 95 12:58 am
Sample : 9527148 SHO950927A873-12
Misc : 9527148

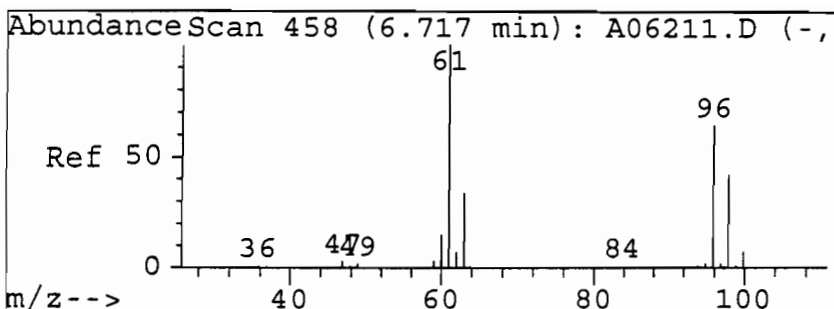
Vial: 15
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

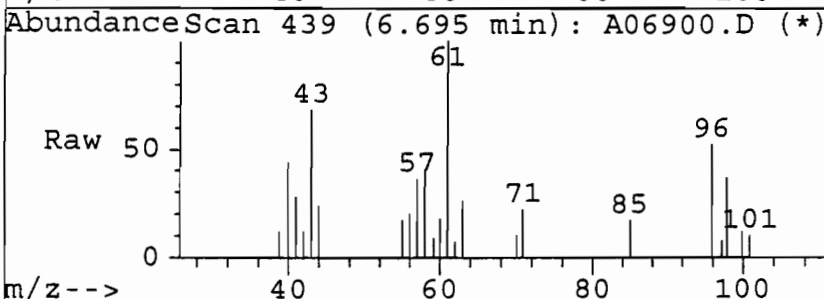
\ C116

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	8.682	rBV	0.177	26653	8.594	8.771
2	9.036	rBV	0.272	284487	8.942	9.214
3	9.291	rVB	0.189	58347	9.214	9.403
4	9.574	rBV	0.278	155111	9.480	9.757
5	9.929	rBV	0.219	407748	9.840	10.059
6	10.336	rBV	0.189	31831	10.247	10.436
7	11.545	rBV	0.266	444370	11.451	11.717
8	12.330	rBV	0.171	60656	12.259	12.431
9	13.139	rBV	0.219	441195	13.056	13.275
10	14.401	rBV	0.219	421686	14.307	14.526

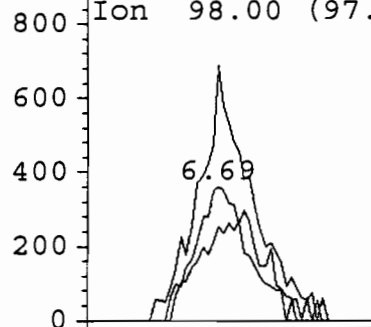


#6
 1,1-Dichloroethene
 Concen: 2.13 UG/L
 RT: 6.69 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: A06900.D
 Acq: 1 Oct 95 12:58 am

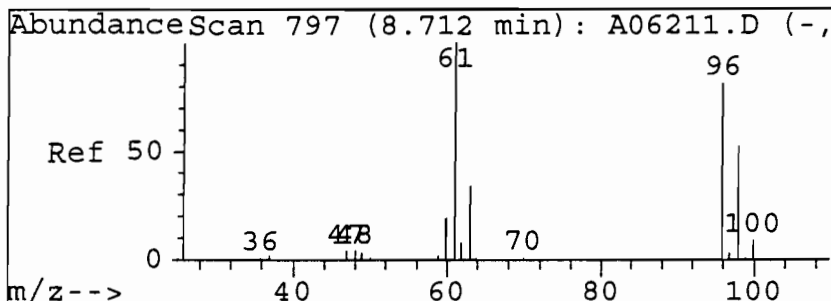
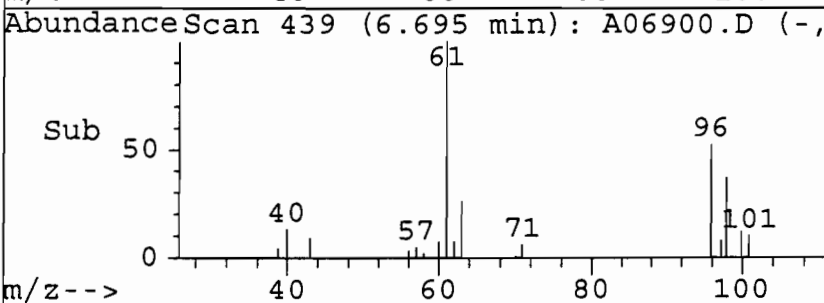
Tgt Ion:96	Resp:	1712
Ion Ratio	Lower	Upper
96	100	
61	165.4	139.8 179.8
98	70.4	46.0 86.0
0	0.0	0.0 0.0



Abundance Ion 96.00 (95.
 Ion 61.00 (60.
 Ion 98.00 (97.

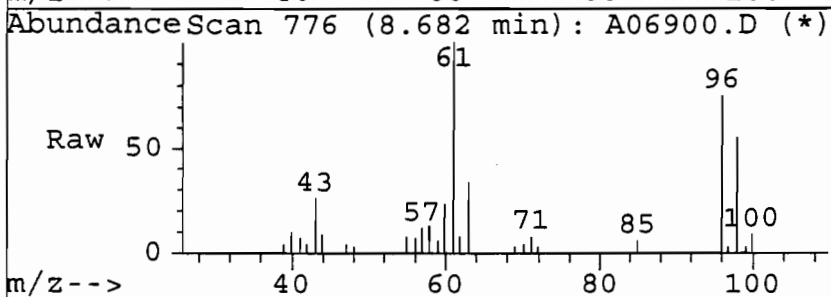


Time-->6.55 6.83

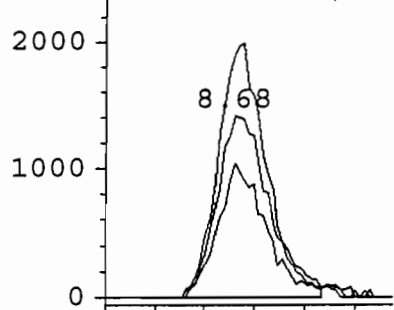


#14
 cis-1,2-Dichloroethene
 Concen: 5.37 UG/L
 RT: 8.68 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: A06900.D
 Acq: 1 Oct 95 12:58 am

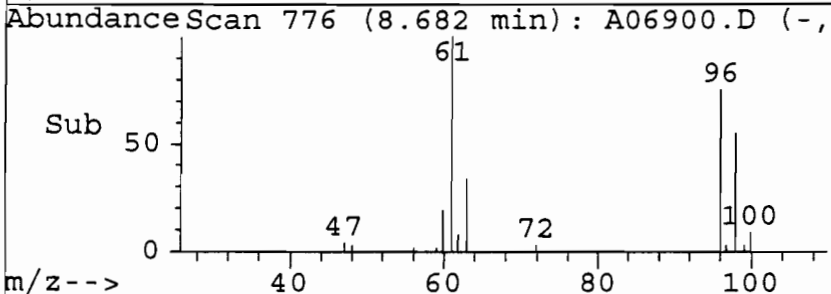
Tgt Ion:95.85	Resp:	6189
Ion Ratio	Lower	Upper
96	100	
98	70.3	46.4 86.4
61	134.4	110.7 150.7
0	0.0	0.0 0.0



Abundance Ion 95.85 (95.
 Ion 97.85 (97.
 Ion 60.85 (60.



Time-->8.52 8.83



Sample Name: 9527148 SHO950927A873-12

Misc. Info: 9527148

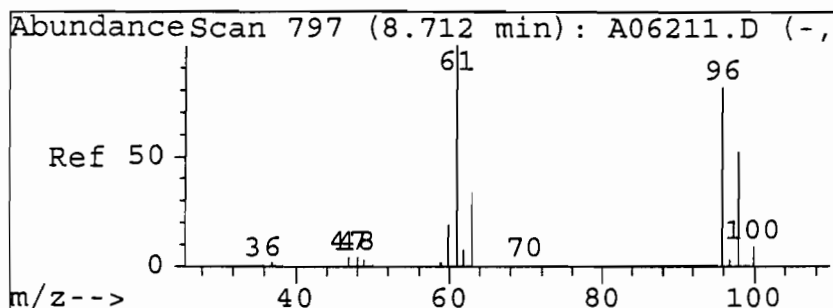
A06900.D VEPWA.M

Wed Oct 18 13:02:29 1995

H2M

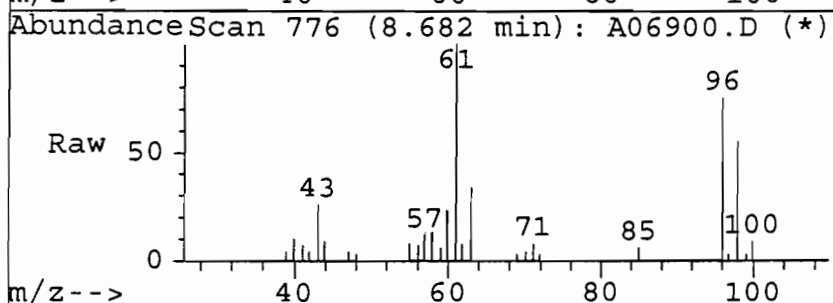
Page 3

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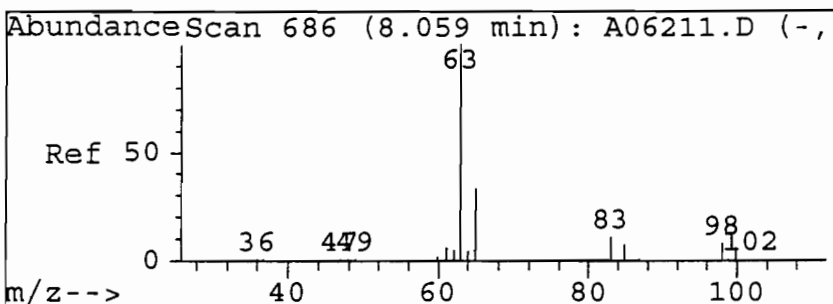
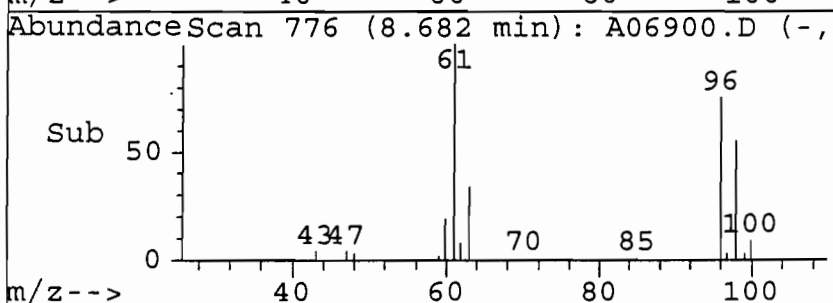
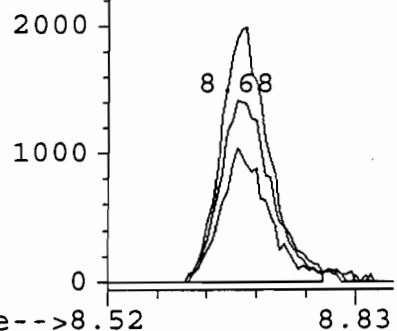


#15
1,2-Dichloroethene (total)
Concen: 5.87 UG/L
RT: 8.68 min Scan# 776
Delta R.T. -0.00 min
Lab File: A06900.D
Acq: 1 Oct 95 12:58 am

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.4	110.3	150.3
98	70.3	46.6	86.6
0	0.0	0.0	0.0

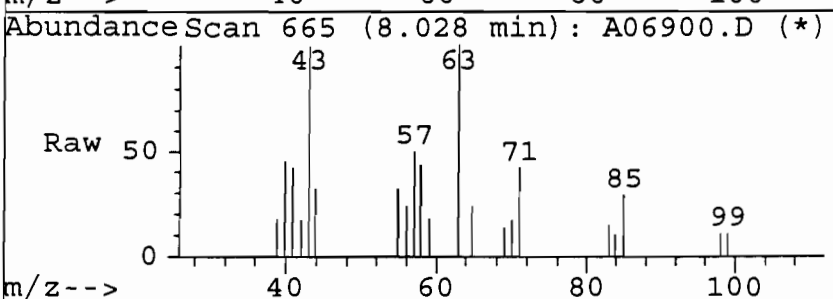


Abundance Ion 96.00 (95.
Ion 61.00 (60.
Ion 98.00 (97.

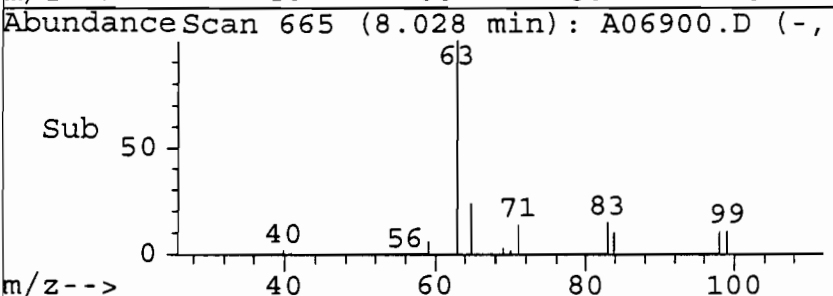
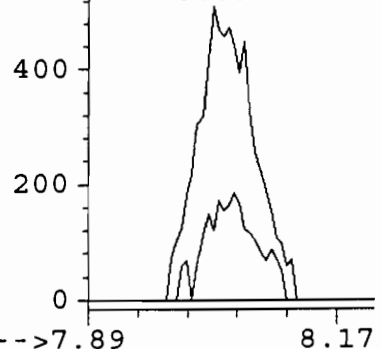


#16
1,1-Dichloroethane
Concen: 1.15 UG/L
RT: 8.03 min Scan# 665
Delta R.T. -0.01 min
Lab File: A06900.D
Acq: 1 Oct 95 12:58 am

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.1	12.5	52.5
0	0.0	0.0	0.0
0	0.0	0.0	0.0



Abundance Ion 63.00 (62.
Ion 65.00 (64.
8.03



Sample Name: 9527148 SHO950927A873-12

Misc. Info: 9527148

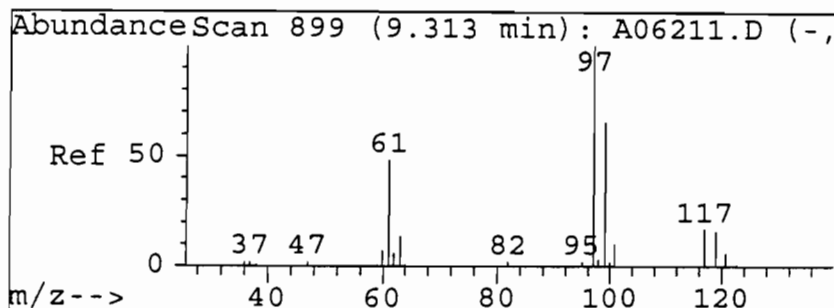
A06900.D VEPAAW.M

Wed Oct 18 13:02:32 1995

H2M

Page 4

V 0119



#22

1,1,1-Trichloroethane

Concen: 13.39 UG/L

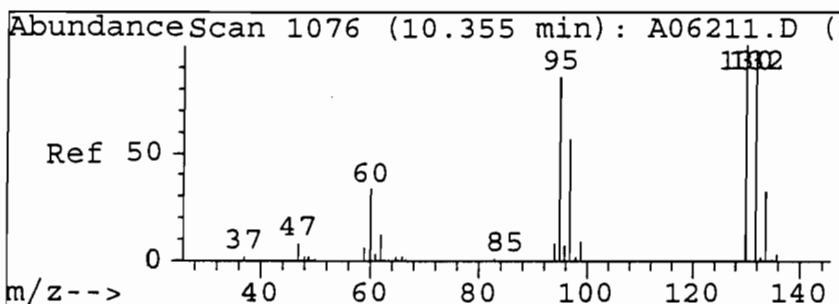
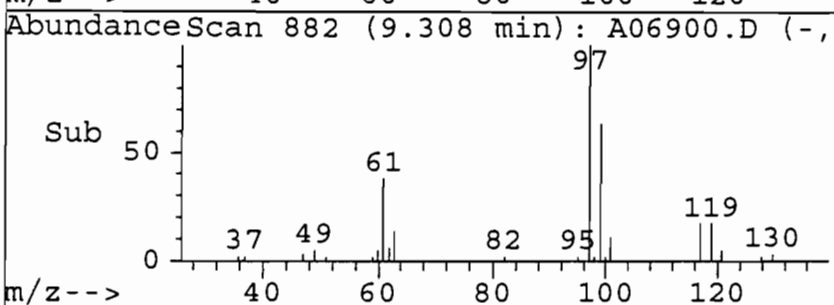
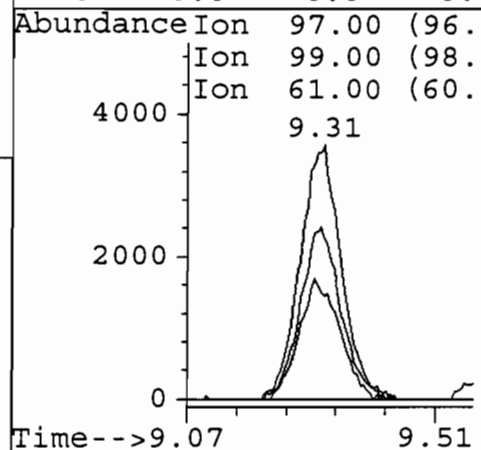
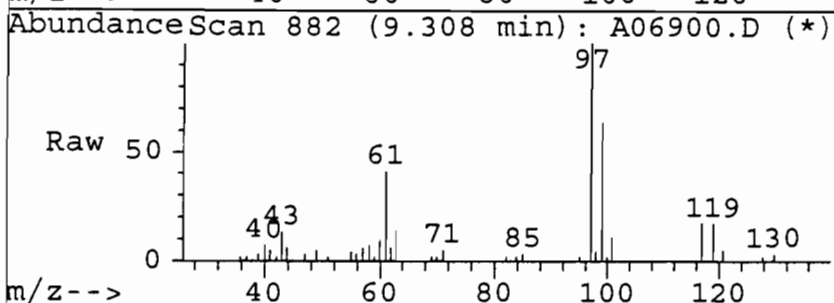
RT: 9.31 min Scan# 882

Delta R.T. 0.01 min

Lab File: A06900.D

Acq: 1 Oct 95 12:58 am

Tgt Ion:	97	Resp:	18122
Ion	Ratio	Lower	Upper
97	100		
99	66.6	45.9	85.9
61	46.4	27.6	67.6
0	0.0	0.0	0.0



#24

Trichloroethene

Concen: 5.09 UG/L

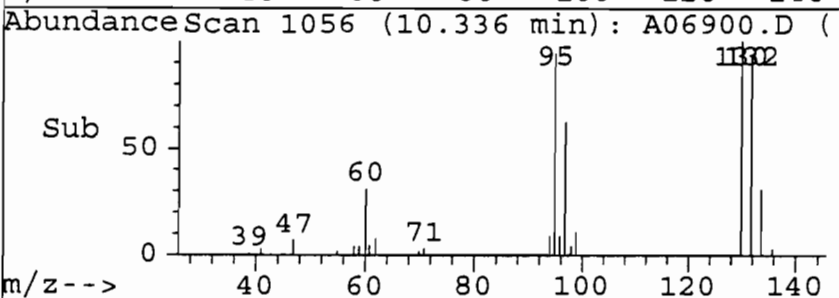
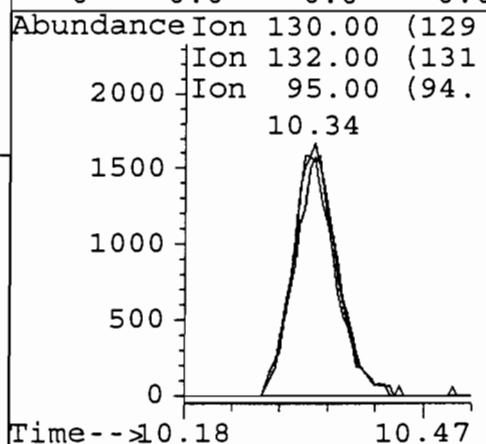
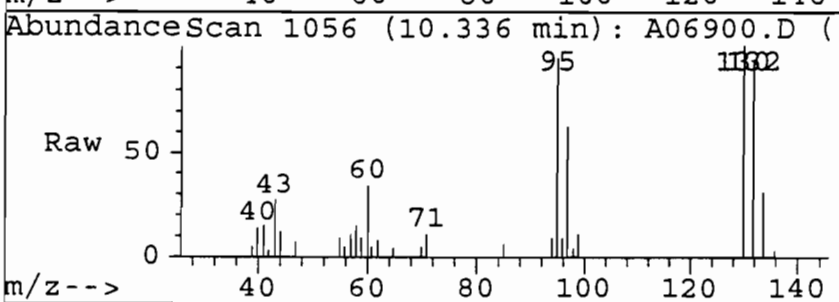
RT: 10.34 min Scan# 1056

Delta R.T. 0.01 min

Lab File: A06900.D

Acq: 1 Oct 95 12:58 am

Tgt Ion:	130	Resp:	6349
Ion	Ratio	Lower	Upper
130	100		
132	96.5	76.7	116.7
95	87.7	66.8	106.8
0	0.0	0.0	0.0



Sample Name: 9527148 SHO950927A873-12

Misc. Info: 9527148

A06900.D VEPAAW.M

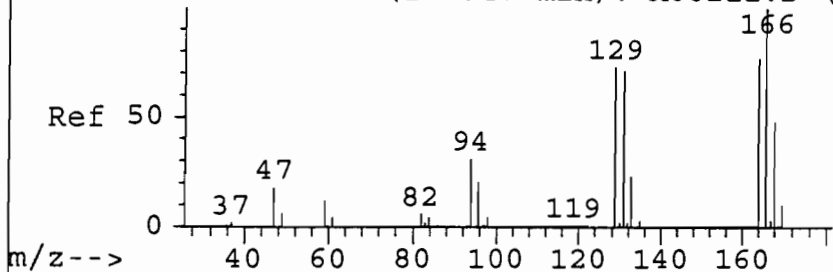
Wed Oct 18 13:02:37 1995

H2M

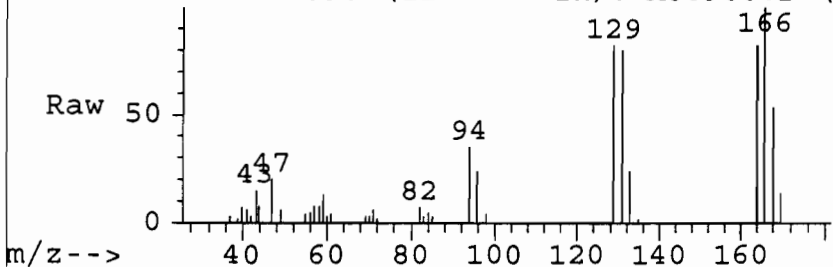
Page 5

V C120

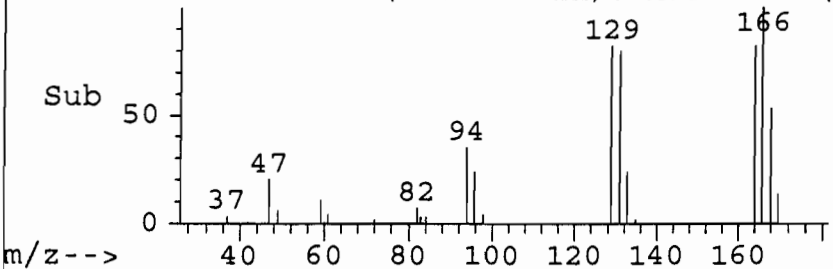
AbundanceScan 1414 (12.347 min): A06211.D (



AbundanceScan 1393 (12.324 min): A06900.D (



AbundanceScan 1393 (12.324 min): A06900.D (



#37

Tetrachloroethene

Concen: 10.32 UG/L

RT: 12.32 min Scan# 1393

Delta R.T. -0.00 min

Lab File: A06900.D

Acq: 1 Oct 95 12:58 am

Tgt Ion:164 Resp: 8312

Ion Ratio Lower Upper

164 100

166 131.8 111.2 151.2

168 62.7 42.7 82.7

0 0.0 0.0 0.0

AbundanceIon 164.00 (163

4000 Ion 166.00 (165

Ion 168.00 (167

3000

2000

1000

0

12.32

Time-->12.17 12.46

Sample Name: 9527148 SH0950927A873-12

Misc. Info: 9527148

A06900.D VEPWA.M

Wed Oct 18 13:02:41 1995

H2M

Page 6

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950-
927A87313

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Matrix: (soil/water) WATER Lab Sample ID: 9527149
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06901.D
 Level: (low/med) LOW Date Received: 09/28/95
 % Moisture: not dec. _____ Date Analyzed: 10/01/95
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		10	U
75-01-4	Vinyl Chloride		10	U
74-83-9	Bromomethane		10	U
75-00-3	Chloroethane		10	U
75-35-4	1,1-Dichloroethene		10	U
75-15-0	Carbon Disulfide		10	U
67-64-1	Acetone		10	U
75-09-2	Methylene Chloride		10	U
540-59-0	1,2-Dichloroethene (total)		10	U
75-34-4	1,1-Dichloroethane		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
79-01-6	Trichloroethene		10	U
71-43-2	Benzene		10	U
78-87-5	1,2-Dichloropropane		10	U
75-27-4	Bromodichloromethane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
124-48-1	Dibromochloromethane		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-Pentanone		10	U
108-88-3	Toluene		10	U
127-18-4	Tetrachloroethene		17	
591-78-6	2-Hexanone		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
1330-20-7	Xylene (total)		10	U
100-42-5	Styrene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950
927A87313

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527149
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06901.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 10/01/95
GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

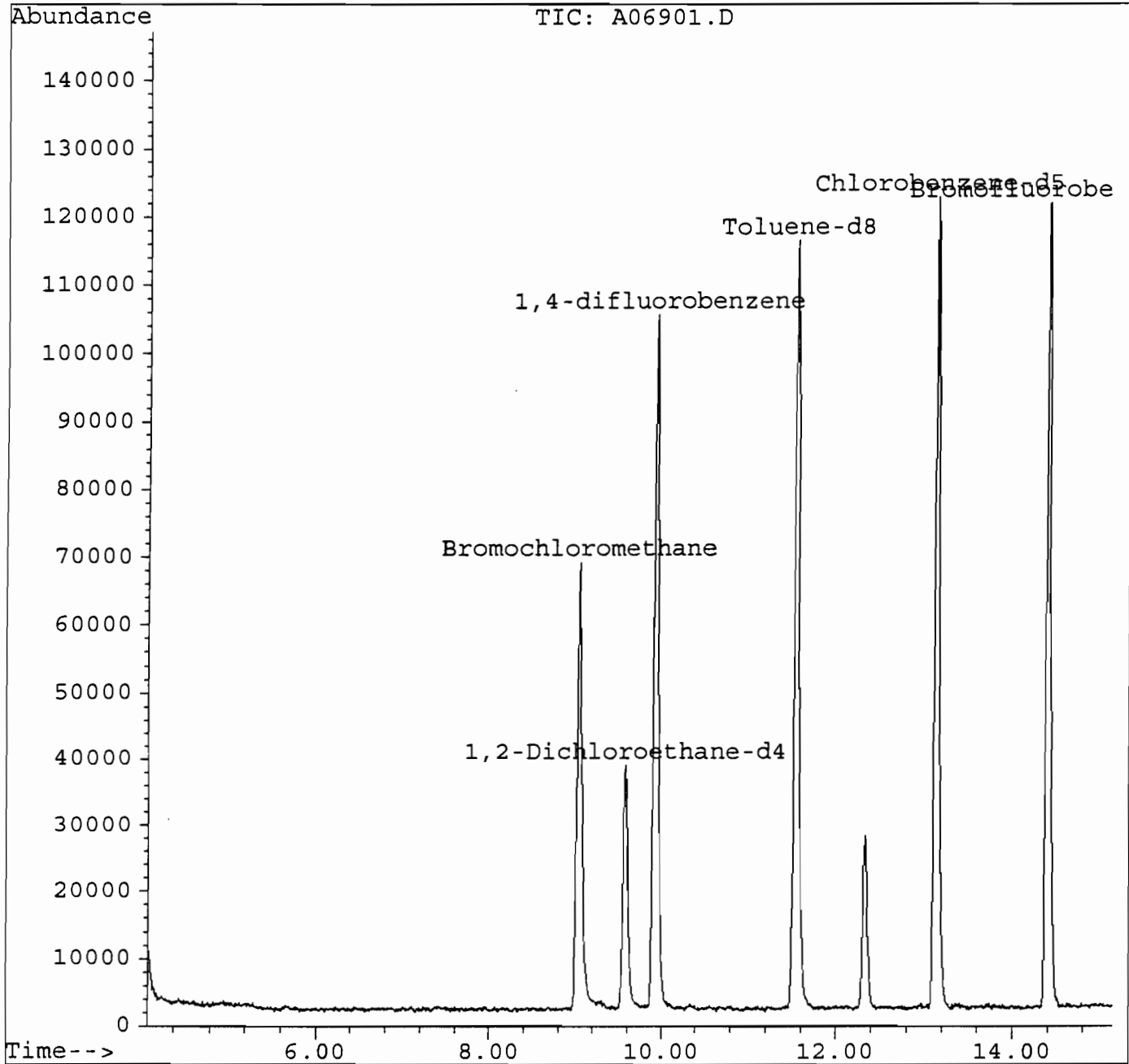
CAS NO.	COMPOUND	RT	EST. CONC.	Q
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Quantitation Report

Data File : S:\MS\MS2\OCT95\A06901.D
Acq On : 1 Oct 95 1:18 am
Sample : 9527149 SHO950927A873-13
Misc : 9527149
Quant Time: Oct 18 12:18 1995

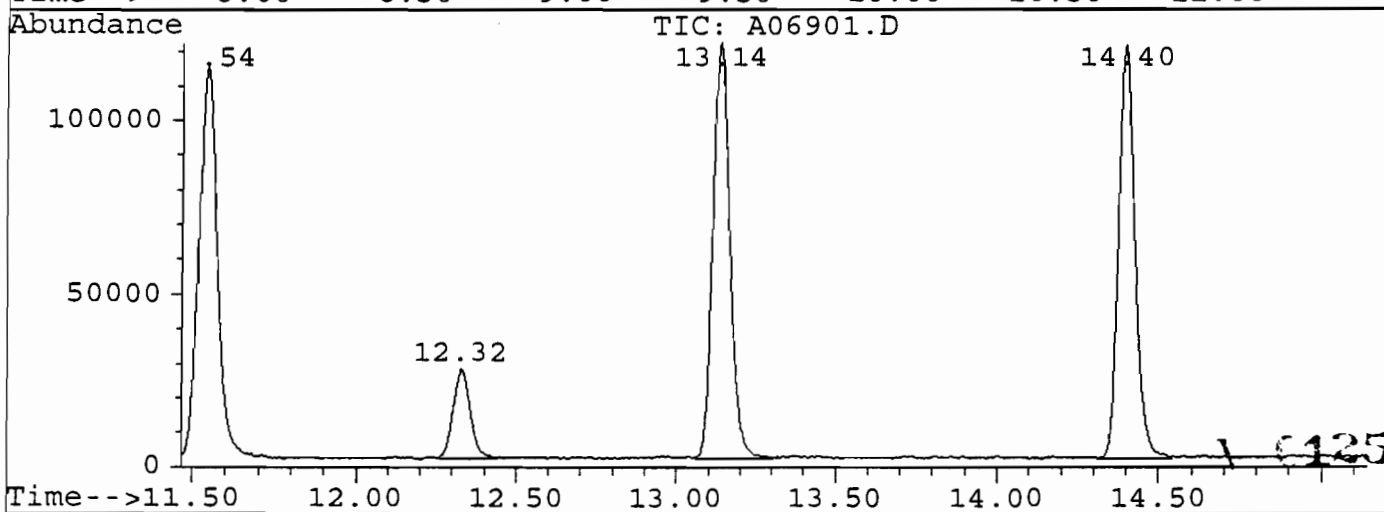
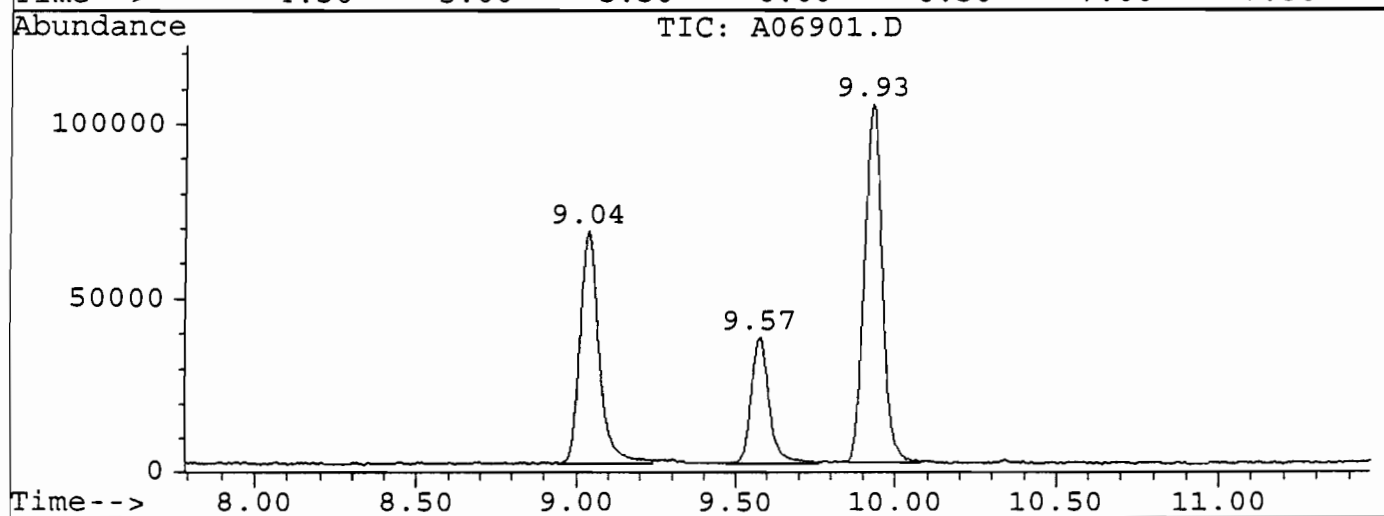
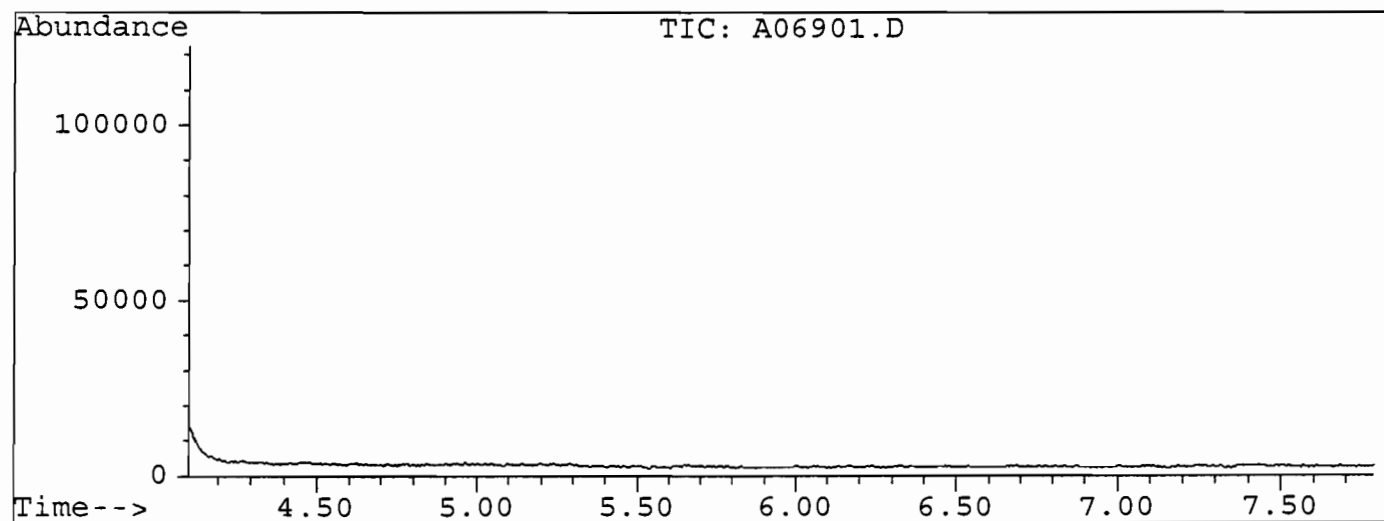
Vial: 16
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V C124

File : S:\MS\MS2\OCT95\A06901.D
Operator : MSD
Acquired : 1 Oct 95 1:18 am using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527149 SHO950927A873-13
Misc Info : 9527149
Vial Number: 16



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06901.D
 Acq On : 1 Oct 95 1:18
 Sample : 9527149 SHO950927A873-13
 Misc : 9527149
 Quant Time: Oct 18 12:18 1995

Vial: 16
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.04	128	42524	50.00	UG/L	0.02
21) 1,4-difluorobenzene	9.93	114	189066	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.13	117	154820	50.00	UG/L	0.00
System Monitoring Compounds						%Recovery
18) 1,2-Dichloroethane-d4	9.58	65	42711	46.64	UG/L	
34) Toluene-d8	11.54	98	162456	50.69	UG/L	
43) Bromofluorobenzene	14.39	95	101764	46.02	UG/L	
Target Compounds						Qvalue
37) Tetrachloroethene	12.33	164	13684	17.29	UG/L	99

1.0126

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06901.D
Acq On : 1 Oct 95 1:18 am
Sample : 9527149 SHO950927A873-13
Misc : 9527149

Vial: 16
Operator: MSD
Inst : H5971
Multiplr: 1.00

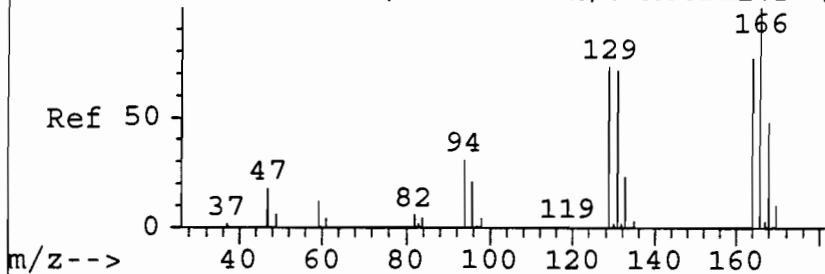
Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

10137

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.036	rBV	0.290	281640	8.947	9.237
2	9.573	rBV	0.289	148469	9.473	9.762
3	9.928	rBV	0.249	400542	9.827	10.076
4	11.544	rBV	0.248	432407	11.455	11.704
5	12.323	rBV	0.189	95858	12.252	12.441
6	13.137	rVB	0.242	438584	13.061	13.303
7	14.400	rBV	0.225	420349	14.311	14.536

AbundanceScan 1414 (12.347 min): A06211.D (



#37

Tetrachloroethene

Concen: 17.29 UG/L

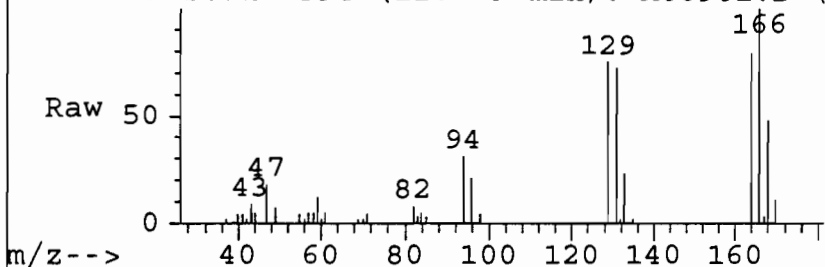
RT: 12.33 min Scan# 1394

Delta R.T. 0.00 min

Lab File: A06901.D

Acq: 1 Oct 95 1:18 am

AbundanceScan 1394 (12.329 min): A06901.D (



Tgt Ion:164 Resp: 13684

Ion Ratio Lower Upper

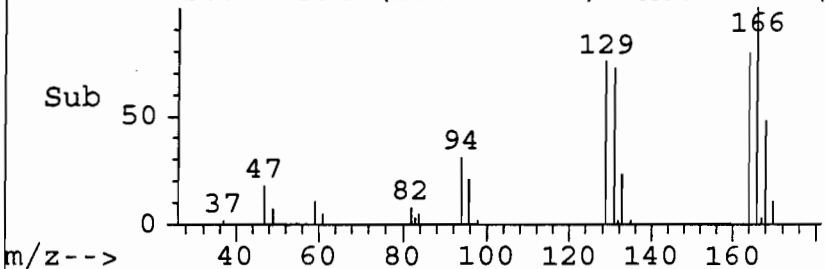
164 100

166 130.7 111.2 151.2

168 62.1 42.7 82.7

0 0.0 0.0 0.0

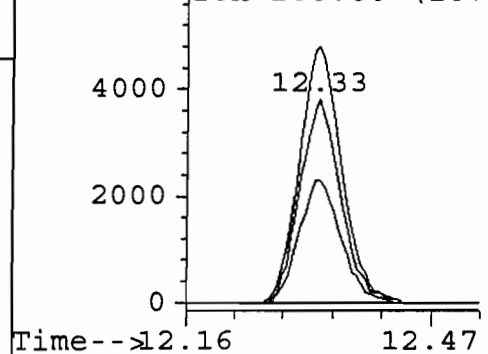
AbundanceScan 1394 (12.329 min): A06901.D (



AbundanceIon 164.00 (163

Ion 166.00 (165

Ion 168.00 (167



1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950-
927A87314

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Matrix: (soil/water) WATER Lab Sample ID: 9527150
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06902.D
 Level: (low/med) LOW Date Received: 09/28/95
 % Moisture: not dec. _____ Date Analyzed: 10/01/95
 GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-35-4	1,1-Dichloroethene	10	U	
75-15-0	Carbon Disulfide	10	U	
67-64-1	Acetone	10	U	
75-09-2	Methylene Chloride	10	U	
540-59-0	1,2-Dichloroethene (total)	17		
75-34-4	1,1-Dichloroethane	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	130		
56-23-5	Carbon Tetrachloride	10	U	
79-01-6	Trichloroethene	81		
71-43-2	Benzene	10	U	
78-87-5	1,2-Dichloropropane	10	U	
75-27-4	Bromodichloromethane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
10061-02-6	trans-1,3-Dichloropropene	10	U	
79-00-5	1,1,2-Trichloroethane	2	J	
124-48-1	Dibromochloromethane	10	U	
75-25-2	Bromoform	10	U	
108-10-1	4-Methyl-2-Pentanone	10	U	
108-88-3	Toluene	10	U	
127-18-4	Tetrachloroethene	210	E	
591-78-6	2-Hexanone	10	U	
108-90-7	Chlorobenzene	10	U	
100-41-4	Ethylbenzene	10	U	
1330-20-7	Xylene (total)	10	U	
100-42-5	Styrene	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	1	J	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950-
927A87314

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527150
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06902.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 10/01/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
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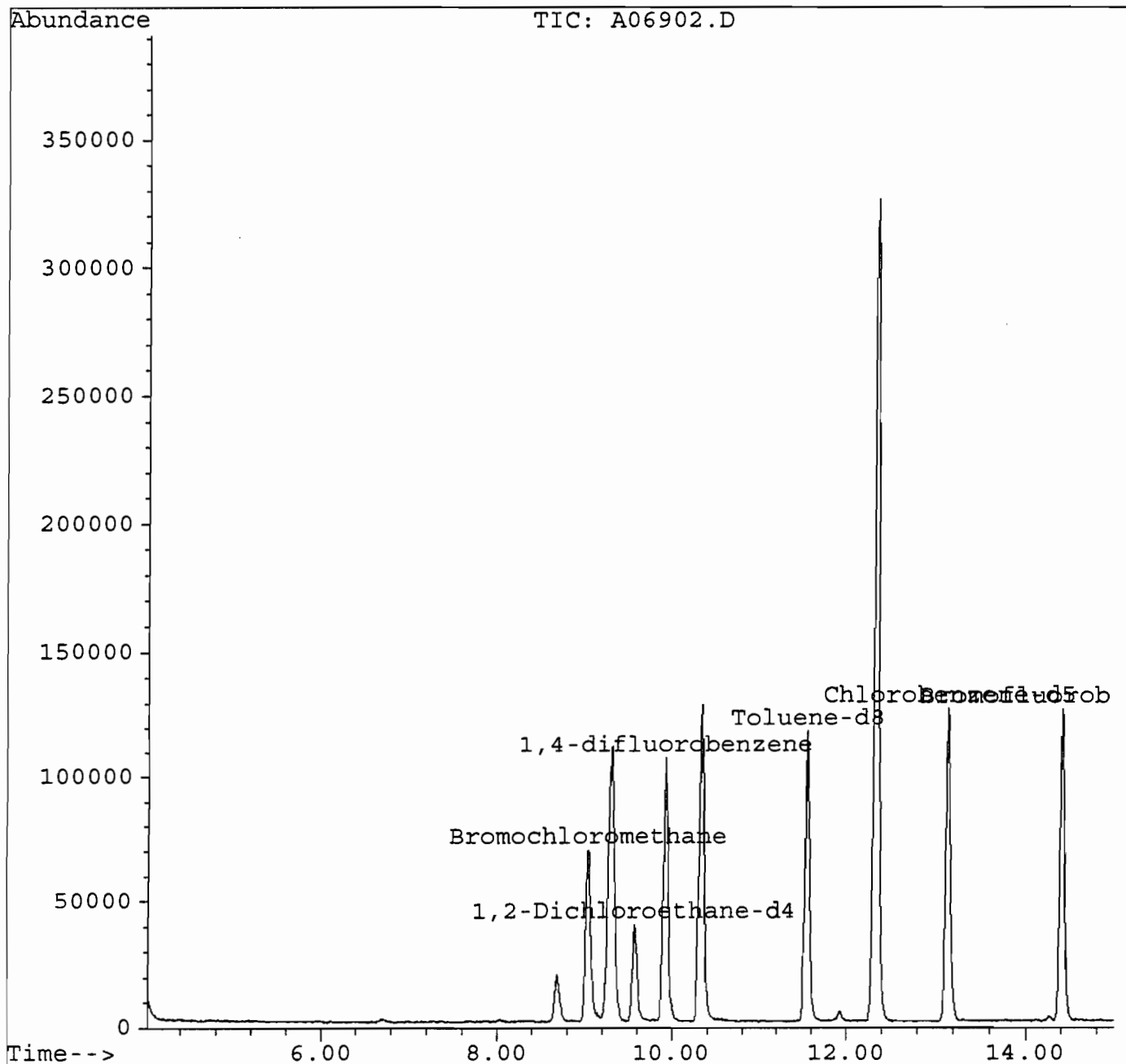
V C131

Quantitation Report

Data File : S:\MS\MS2\OCT95\A06902.D
Acq On : 1 Oct 95 1:39 am
Sample : 9527150 SHO950927A873-14
Misc : 9527150
Quant Time: Oct 18 12:37 1995

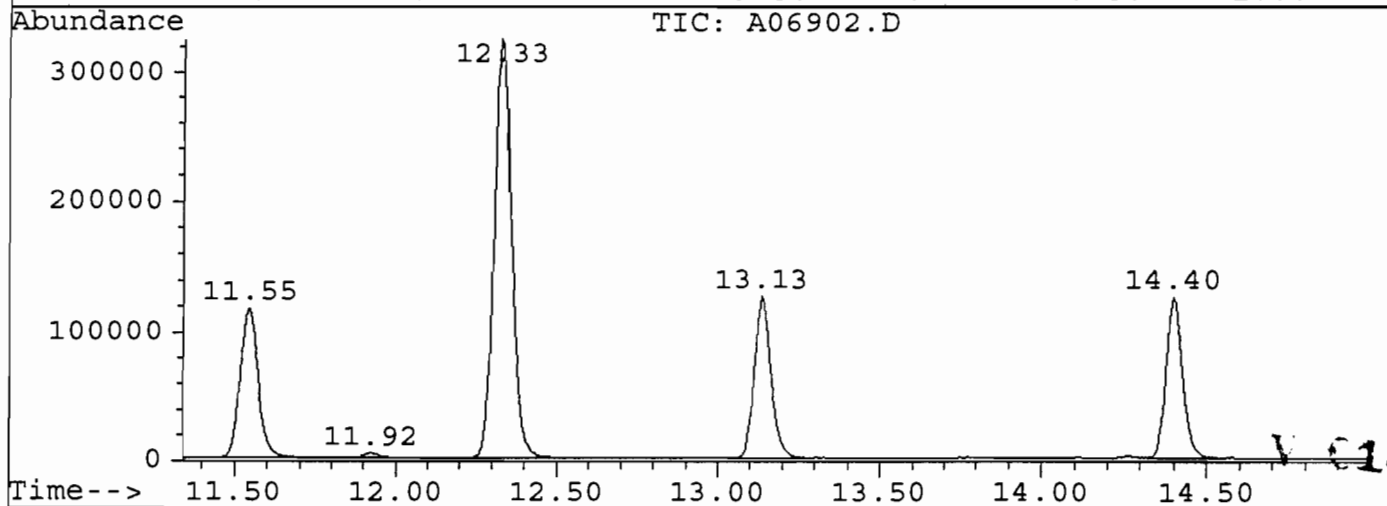
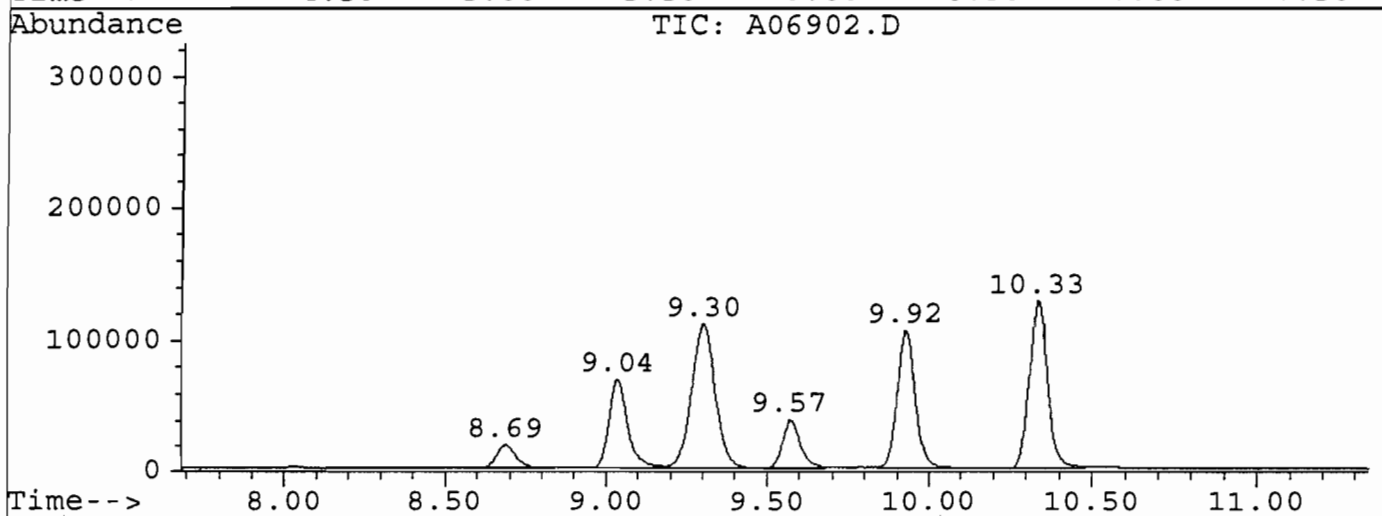
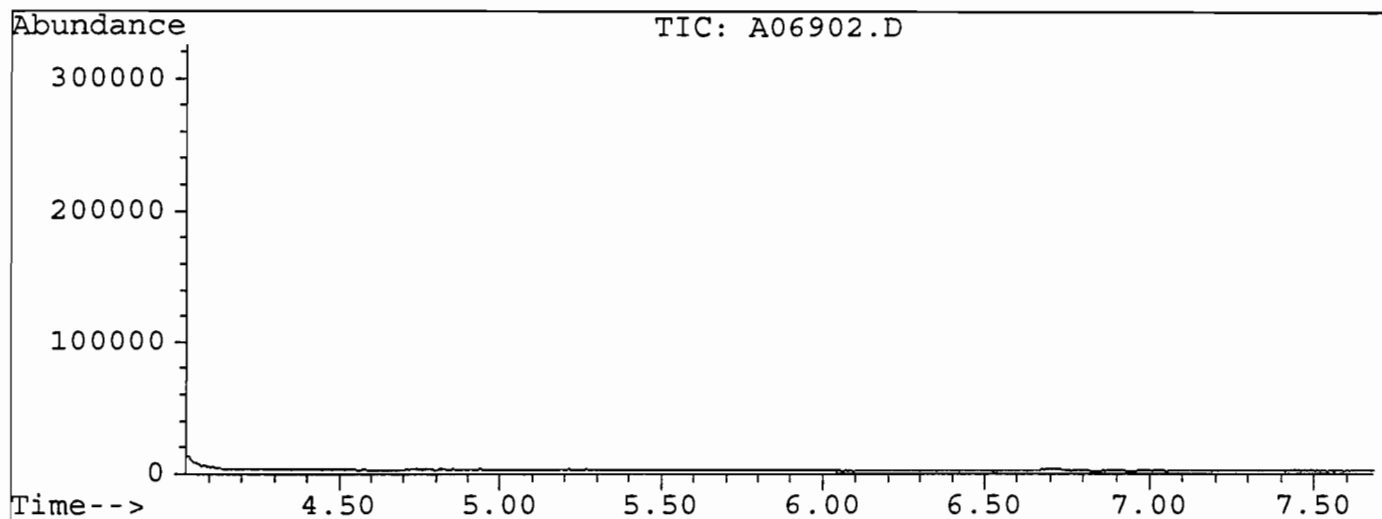
Vial: 17
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V C132

File : S:\MS\MS2\OCT95\A06902.D
Operator : MSD
Acquired : 1 Oct 95 1:39 am using AcqMethod VCLPA
Instrument : H5971
Sample Name: 9527150 SHO950927A873-14
Misc Info : 9527150
Vial Number: 17



V 6133

Quantitation Report

Data File : S:\MS\MS2\OCT95\A06902.D
 Acq On : 1 Oct 95 1:39
 Sample : 9527150 SHO950927A873-14
 Misc : 9527150
 Quant Time: Oct 18 12:37 1995

Vial: 17
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.04	128	43126	50.00	UG/L	0.01
21) 1,4-difluorobenzene	9.93	114	192192	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.13	117	158853	50.00	UG/L	0.00
System Monitoring Compounds						%Recovery
18) 1,2-Dichloroethane-d4	9.57	65	43617	46.97	UG/L	
34) Toluene-d8	11.54	98	165827	50.43	UG/L	
43) Bromofluorobenzene	14.40	95	105859	46.66	UG/L	
Target Compounds						Qvalue
14) cis-1,2-Dichloroethene	8.69	96	18010	15.85	UG/L	99
15) 1,2-Dichloroethene (total)	8.69	96	18010	17.31	UG/L	99
22) 1,1,1-Trichloroethane	9.30	97	179617	132.55	UG/L	99
24) Trichloroethene	10.34	130	100920	80.76	UG/L	99
30) 1,1,2-Trichloroethane	11.94	97	2699	2.14	UG/L	94
37) Tetrachloroethene	12.33	164	174548	214.98	UG/L	99
45) 1,1,2,2-Tetrachloroethane	14.27	83	2391	1.17	UG/L #	97

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06902.D
Acq On : 1 Oct 95 1:39 am
Sample : 9527150 SHO950927A873-14
Misc : 9527150

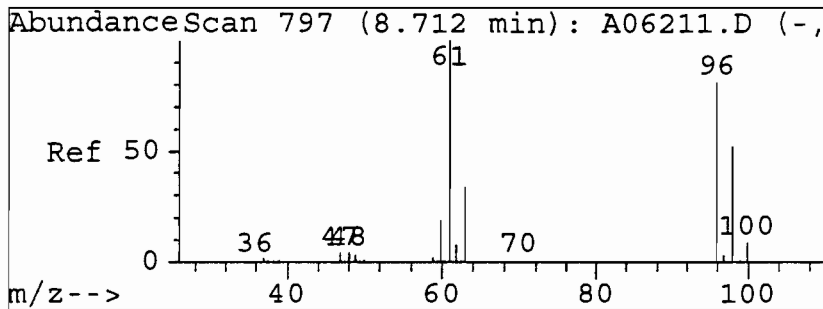
Vial: 17
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

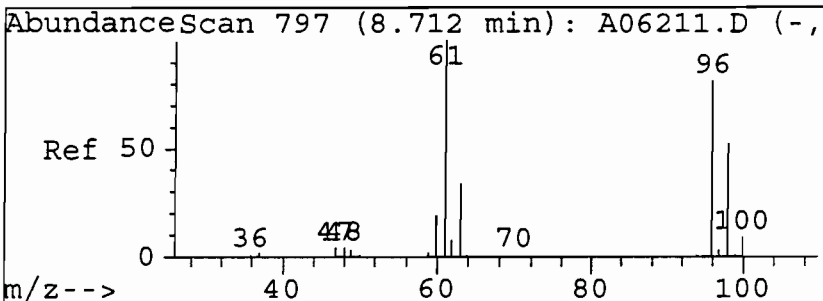
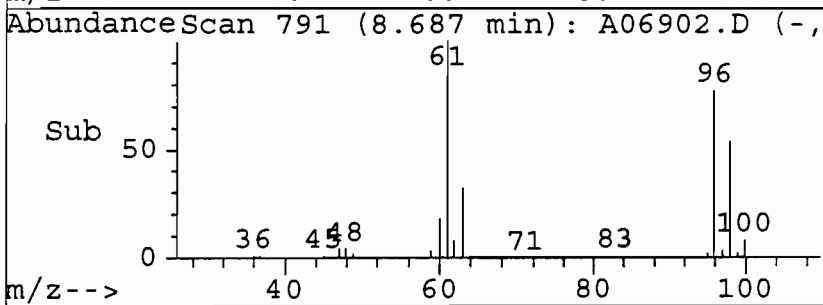
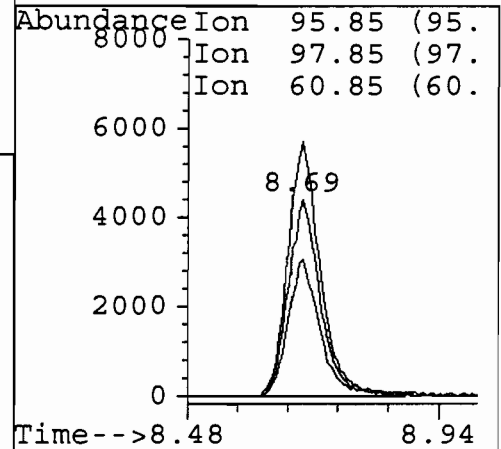
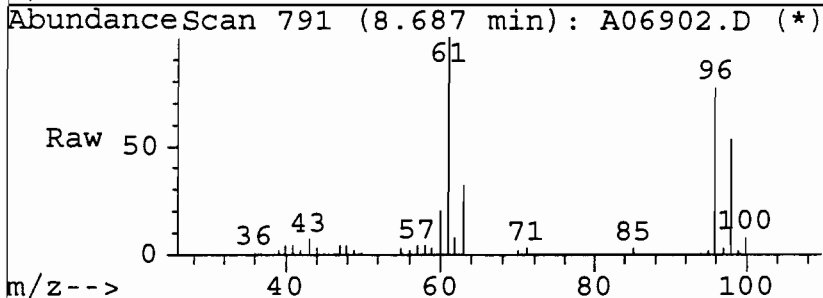
V C135

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	8.687	rBV	0.189	75653	8.605	8.794
2	9.036	rBV	0.248	282089	8.935	9.184
3	9.302	rVB	0.260	567023	9.184	9.444
4	9.568	rBV	0.207	149034	9.474	9.680
5	9.923	rVB	0.272	411194	9.840	10.112
6	10.330	rBV	0.243	494926	10.236	10.478
7	11.546	rVB	0.284	444005	11.451	11.735
8	11.924	rBV	0.154	13076	11.841	11.995
9	12.326	rVB	0.290	1217732	12.225	12.515
10	13.134	rBV	0.237	447774	13.046	13.282
11	14.397	rVB	0.219	434310	14.320	14.539



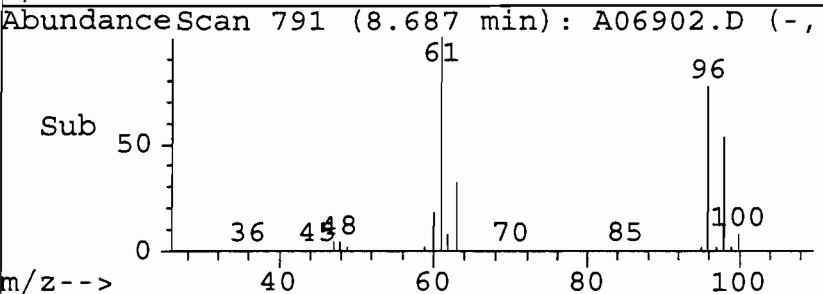
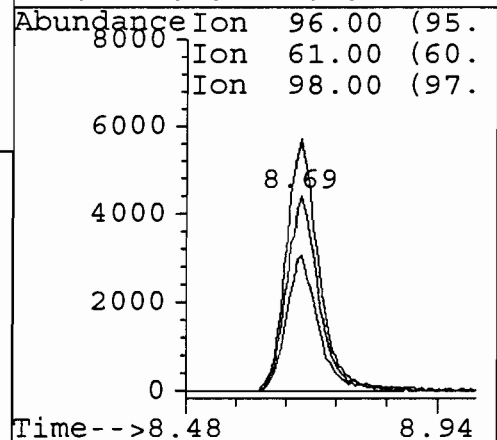
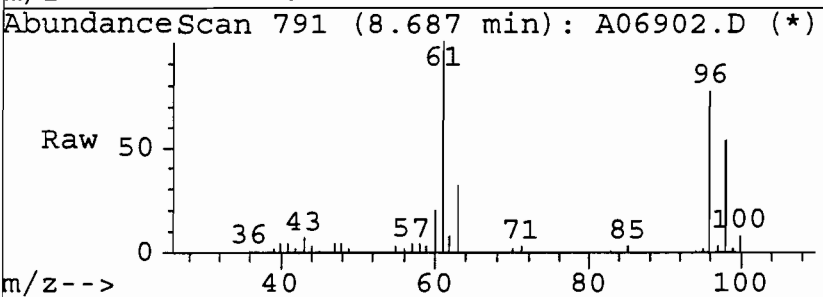
#14
 cis-1,2-Dichloroethene
 Concen: 15.85 UG/L
 RT: 8.69 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: A06902.D
 Acq: 1 Oct 95 1:39 am

Tgt Ion:95.85 Resp: 18010
 Ion Ratio Lower Upper
 96 100
 98 67.4 46.4 86.4
 61 130.0 110.7 150.7
 0 0.0 0.0 0.0



#15
 1,2-Dichloroethene (total)
 Concen: 17.31 UG/L
 RT: 8.69 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: A06902.D
 Acq: 1 Oct 95 1:39 am

Tgt Ion:96 Resp: 18010
 Ion Ratio Lower Upper
 96 100
 61 130.0 110.3 150.3
 98 67.4 46.6 86.6
 0 0.0 0.0 0.0



Sample Name: 9527150 SHO950927A873-14

Misc. Info: 9527150

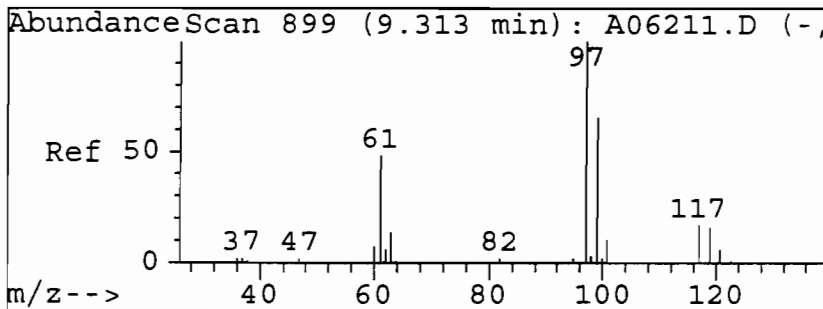
A06902.D VEPWA.M

Wed Oct 18 13:05:03 1995

H2M

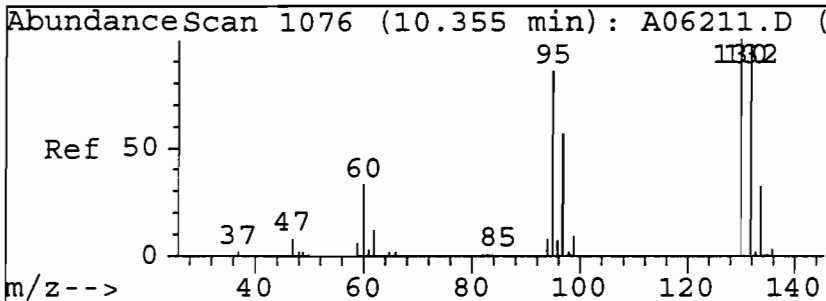
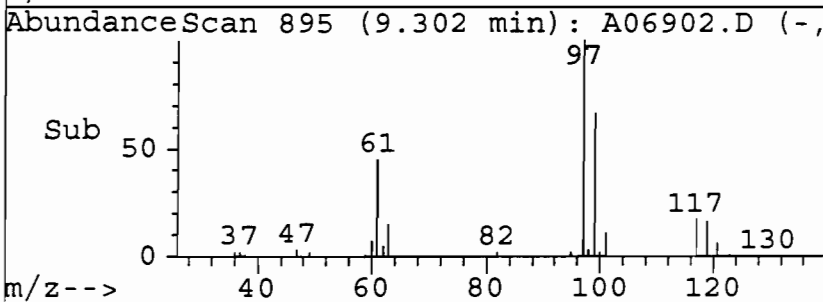
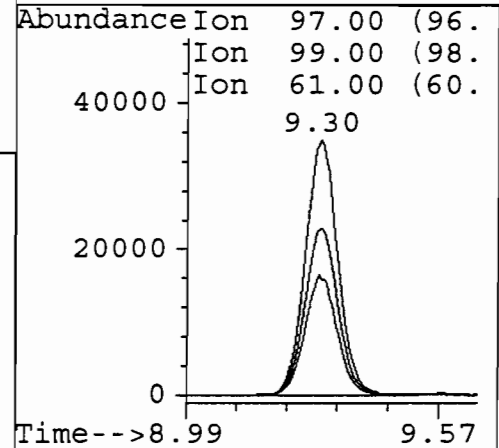
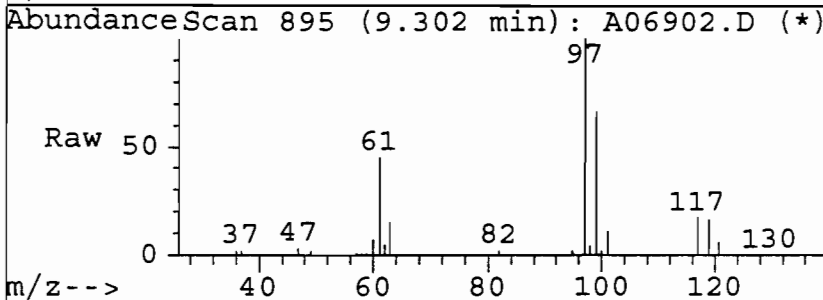
Page 3

V 0137



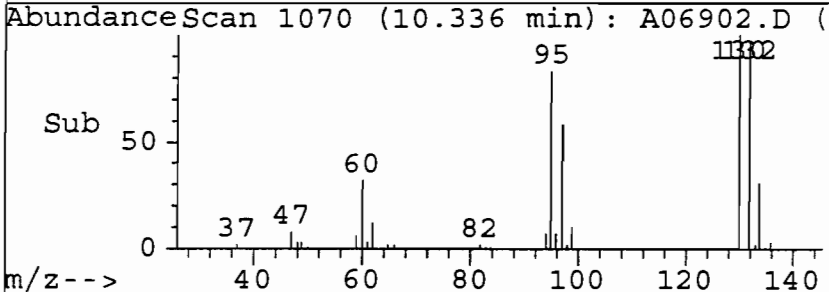
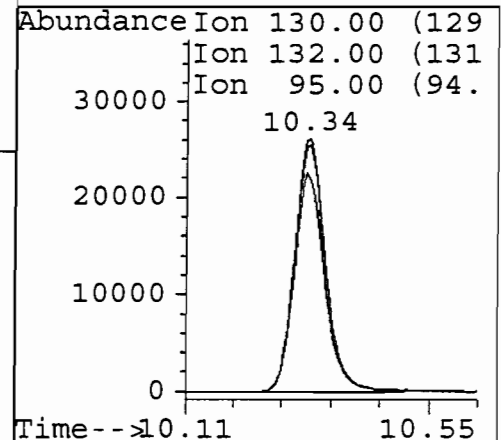
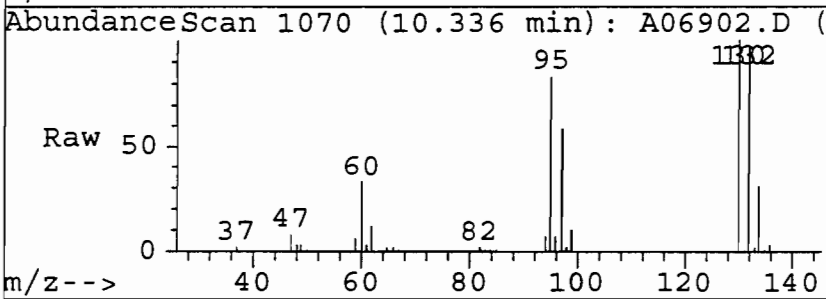
#22
1,1,1-Trichloroethane
Concen: 132.55 UG/L
RT: 9.30 min Scan# 895
Delta R.T. 0.00 min
Lab File: A06902.D
Acq: 1 Oct 95 1:39 am

Tgt	Ion:97	Resp:	179617
Ion	Ratio	Lower	Upper
97	100		
99	66.6	45.9	85.9
61	46.9	27.6	67.6
0	0.0	0.0	0.0



#24
Trichloroethene
Concen: 80.76 UG/L
RT: 10.34 min Scan# 1070
Delta R.T. 0.01 min
Lab File: A06902.D
Acq: 1 Oct 95 1:39 am

Tgt	Ion:130	Resp:	100920
Ion	Ratio	Lower	Upper
130	100		
132	97.5	76.7	116.7
95	86.5	66.8	106.8
0	0.0	0.0	0.0



Sample Name: 9527150 SHO950927A873-14

Misc. Info: 9527150

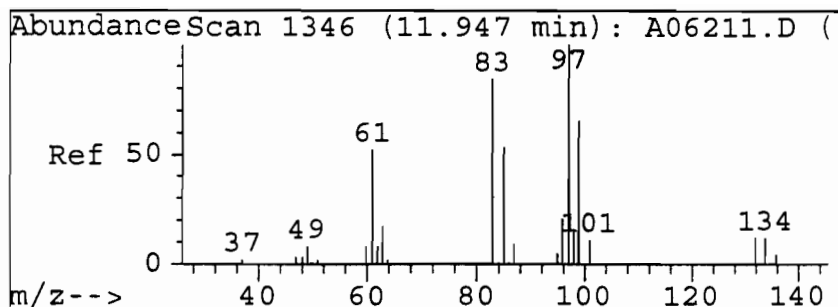
A06902.D VEPWA.M

Wed Oct 18 13:05:07 1995

H2M

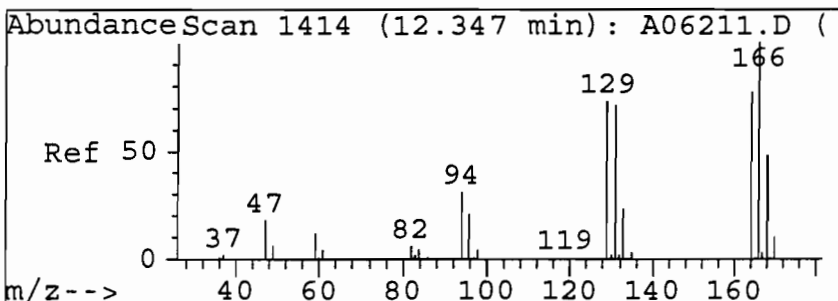
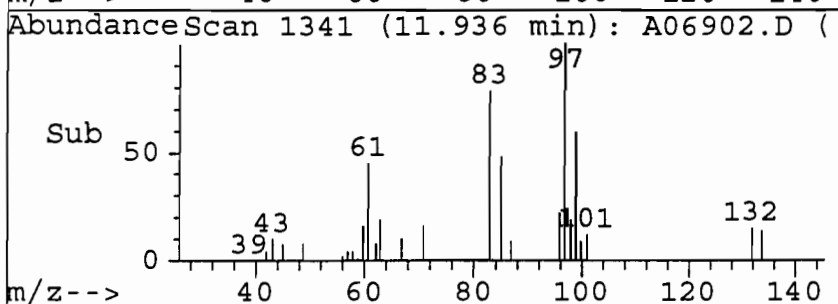
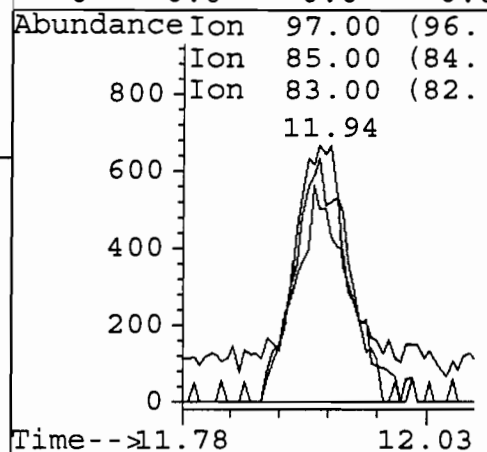
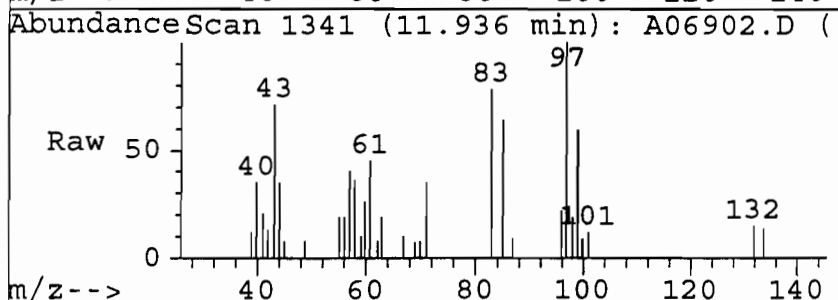
Page 4

V C138



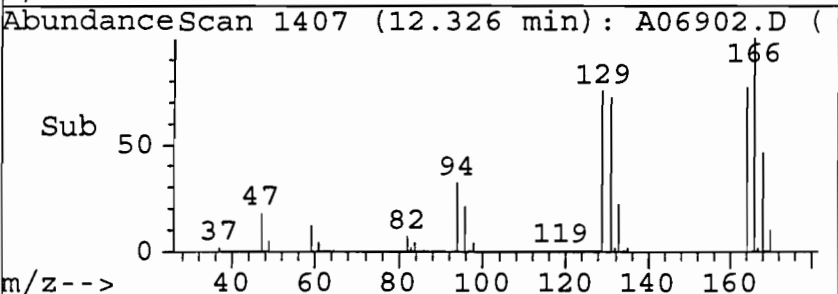
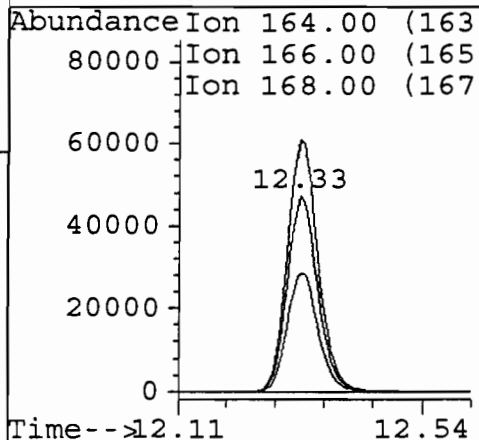
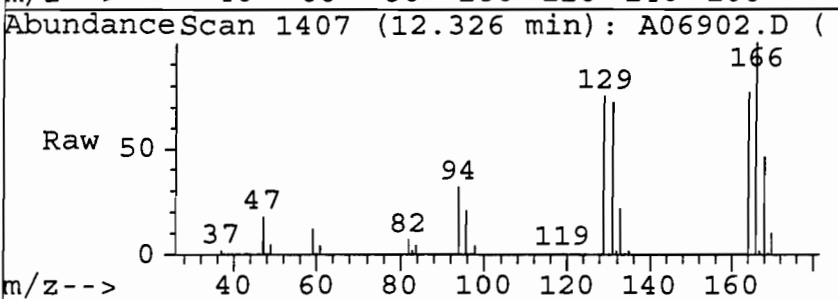
#30
1,1,2-Trichloroethane
Concen: 2.14 UG/L
RT: 11.94 min Scan# 1341
Delta R.T. 0.02 min
Lab File: A06902.D
Acq: 1 Oct 95 1:39 am

Tgt Ion:	97	Resp:	2699
Ion	Ratio	Lower	Upper
97	100		
85	66.1	35.6	75.6
83	85.2	66.0	106.0
0	0.0	0.0	0.0



#37
Tetrachloroethene
Concen: 214.98 UG/L
RT: 12.33 min Scan# 1407
Delta R.T. -0.00 min
Lab File: A06902.D
Acq: 1 Oct 95 1:39 am

Tgt Ion:	164	Resp:	174548
Ion	Ratio	Lower	Upper
164	100		
166	130.1	111.2	151.2
168	62.0	42.7	82.7
0	0.0	0.0	0.0



Sample Name: 9527150 SHO950927A873-14

Misc. Info: 9527150

A06902.D VEPAW.M

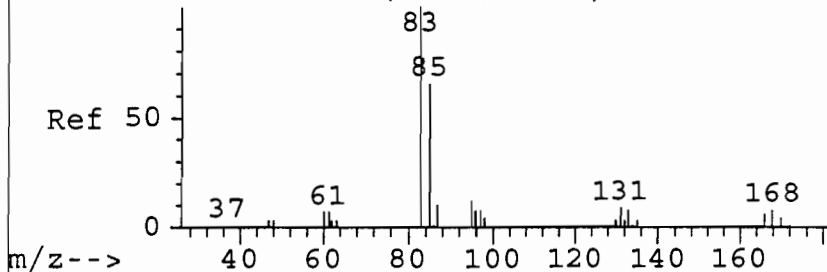
Wed Oct 18 13:05:11 1995

H2M

V C139

Page 5

AbundanceScan 1742 (14.280 min): A06211.D (



#45

1,1,2,2-Tetrachloroethane

Concen: 1.17 UG/L

RT: 14.27 min Scan# 1736

Delta R.T. 0.01 min

Lab File: A06902.D

Acq: 1 Oct 95 1:39 am

Tgt Ion:83 Resp: 2391

Ion Ratio Lower Upper

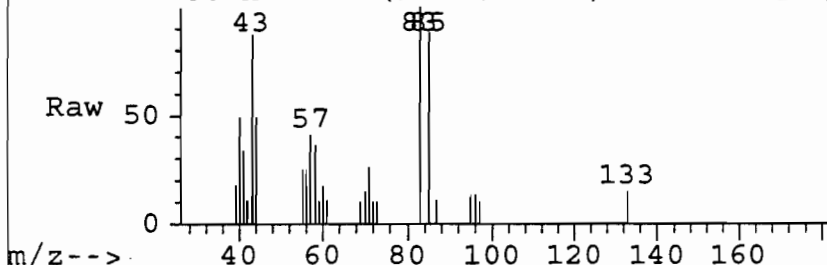
83 100

85 67.0 46.2 86.2

168 0.0 0.0 28.2

0 0.0 0.0 0.0

AbundanceScan 1736 (14.267 min): A06902.D (



AbundanceIon 83.00 (82.

800 Ion 85.00 (84.

Ion 168.00 (167

14.27

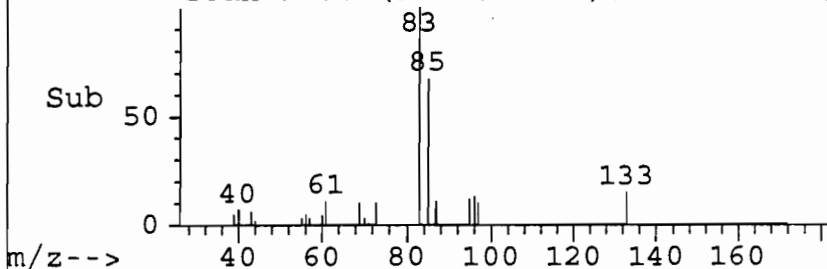
600

400

200

0

AbundanceScan 1736 (14.267 min): A06902.D (



Time-->14.11 14.39

Sample Name: 9527150 SH0950927A873-14

Misc. Info: 9527150

A06902.D VEPWA.M

Wed Oct 18 13:05:13 1995

H2M

Page 6

V C140

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950
927A87315

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Matrix: (soil/water) WATER Lab Sample ID: 9527151
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06903.D
 Level: (low/med) LOW Date Received: 09/28/95
 % Moisture: not dec. _____ Date Analyzed: 10/01/95
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950-
927A87315

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527151
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06903.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 10/01/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q
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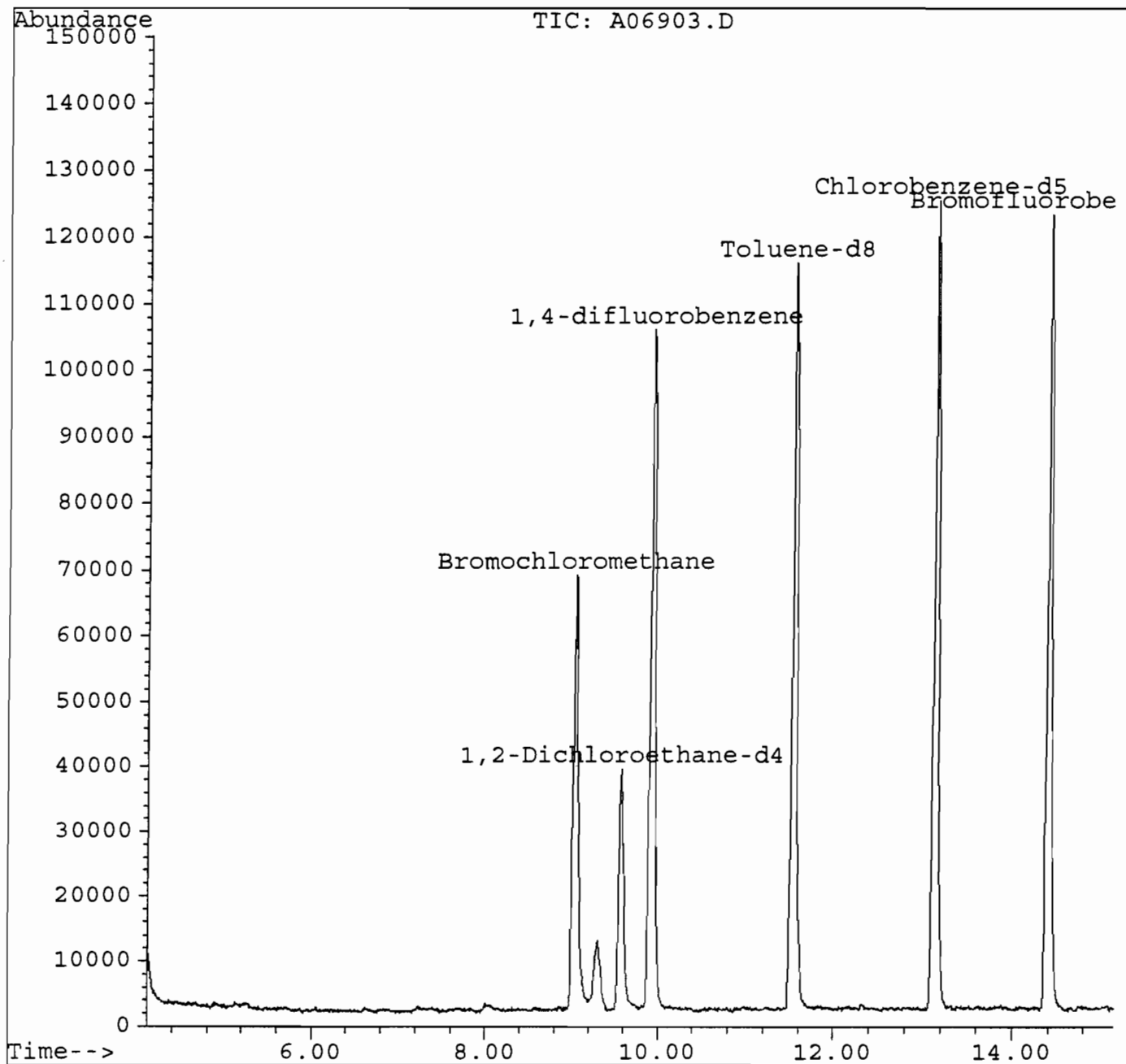
V C142

Quantitation Report

Data File : S:\MS\MS2\OCT95\A06903.D
 Acq On : 1 Oct 95 2:03 am
 Sample : 9527151 SHO950927A873-15
 Misc : 9527151
 Quant Time: Oct 6 12:49 1995

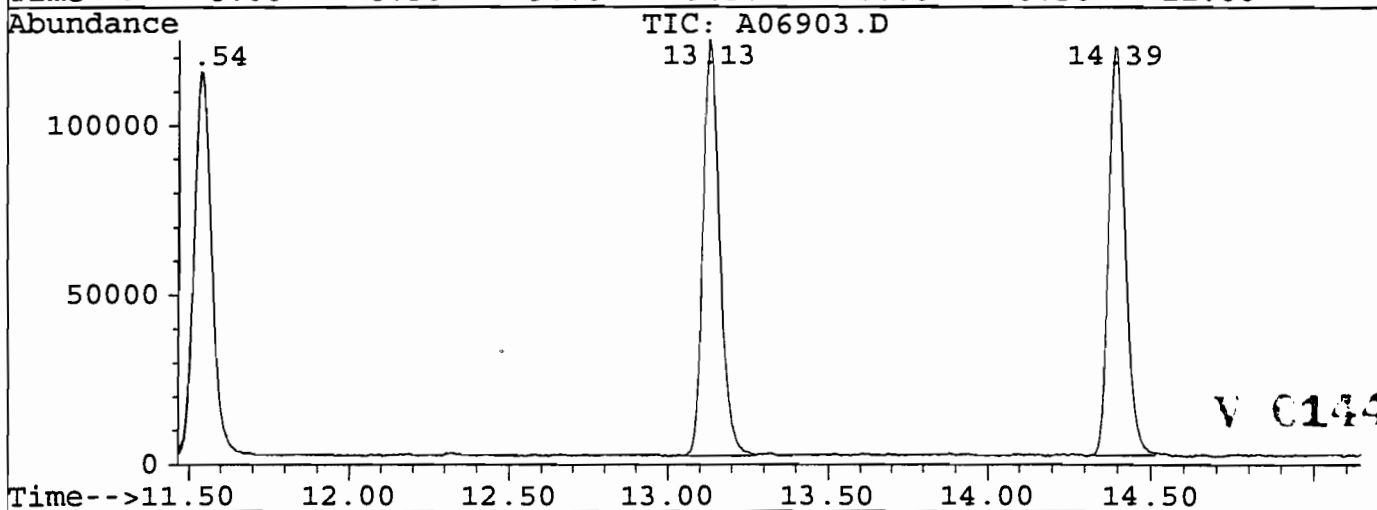
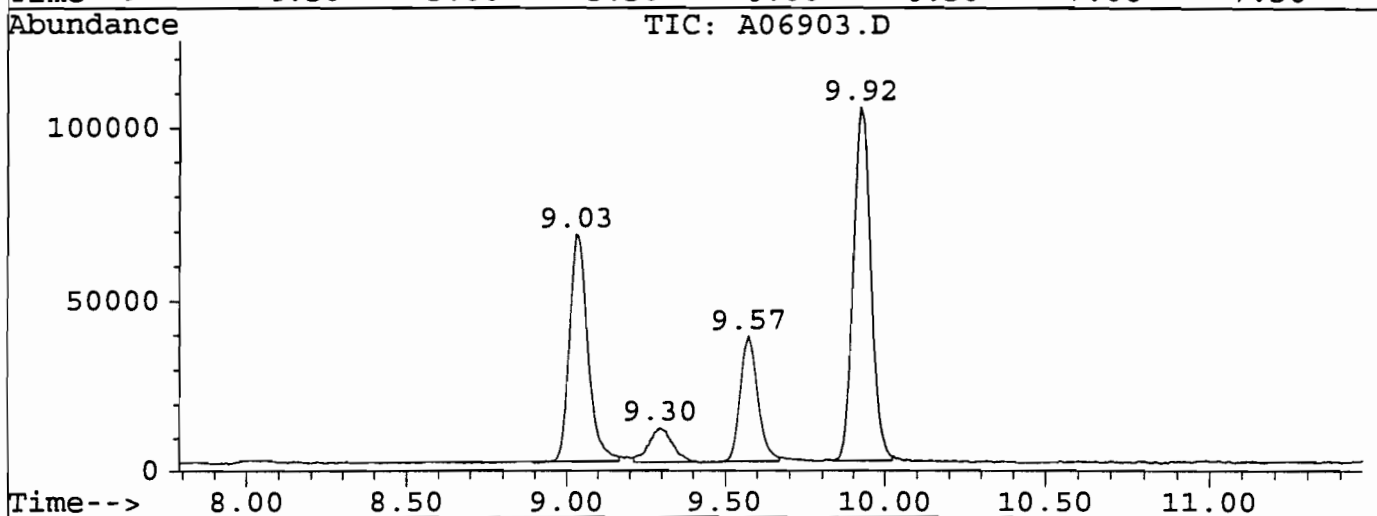
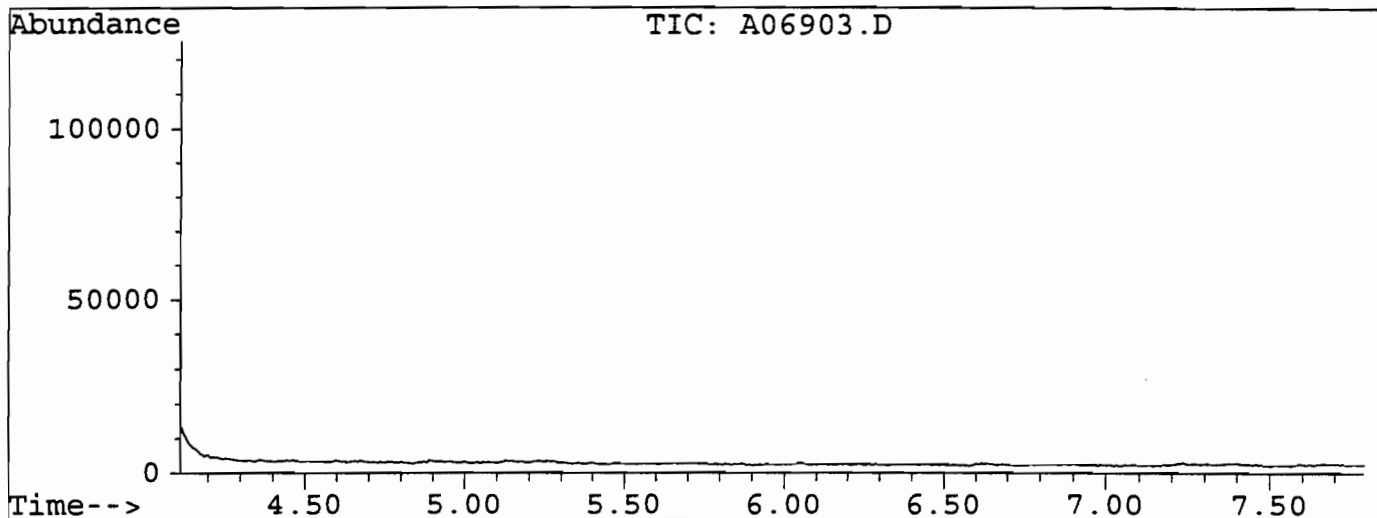
Vial: 18
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Wed Oct 11 14:44:19 1995
 Response via : Single Level Calibration



V C143

File : S:\MS\MS2\OCT95\A06903.D
Operator : MSD
Acquired : 1 Oct 95 2:03 using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527151 SH0950927A873-15
Misc Info : 9527151
Vial Number: 18



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06903.D
 Acq On : 1 Oct 95 2:03
 Sample : 9527151 SHO950927A873-15
 Misc : 9527151
 Quant Time: Oct 6 12:49 1995

Vial: 18
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.04	128	42034	50.00	UG/L	0.01
21) 1,4-difluorobenzene	9.92	114	190892	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.13	117	156980	50.00	UG/L	0.00
System Monitoring Compounds						%Recovery
18) 1,2-Dichloroethane-d4	9.57	65	42831	47.32	UG/L	
34) Toluene-d8	11.54	98	164616	50.66	UG/L	
43) Bromofluorobenzene	14.39	95	103695	46.25	UG/L	
Target Compounds						Qvalue
22) 1,1,1-Trichloroethane	9.30	97	15960	11.86	UG/L	98

A-0145

(#) = qualifier out of range (m) = manual integration

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06903.D
Acq On : 1 Oct 95 2:03 am
Sample : 9527151 SHO950927A873-15
Misc : 9527151

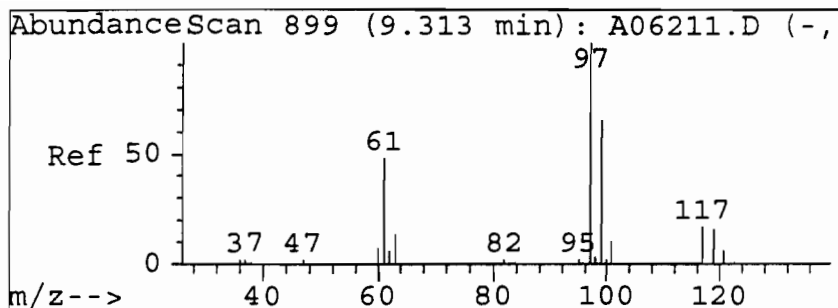
Vial: 18
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

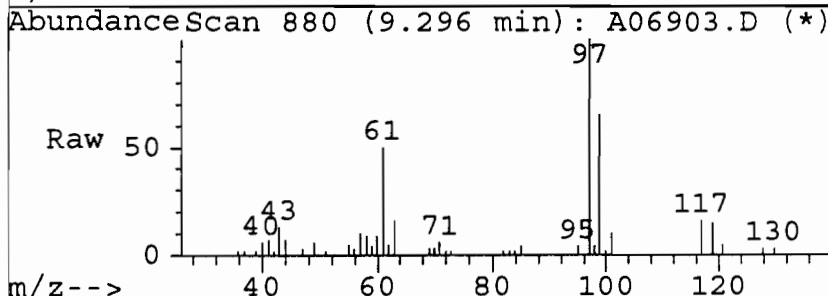
No Library Search Compounds Detected

V C146

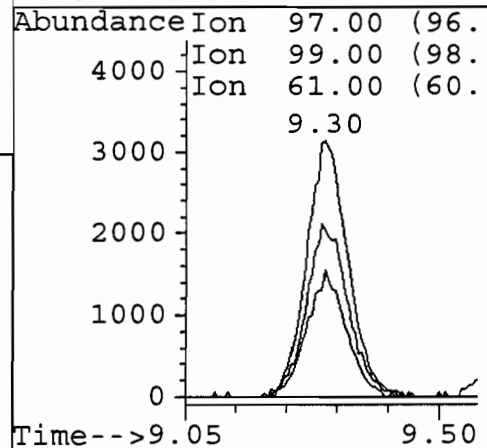
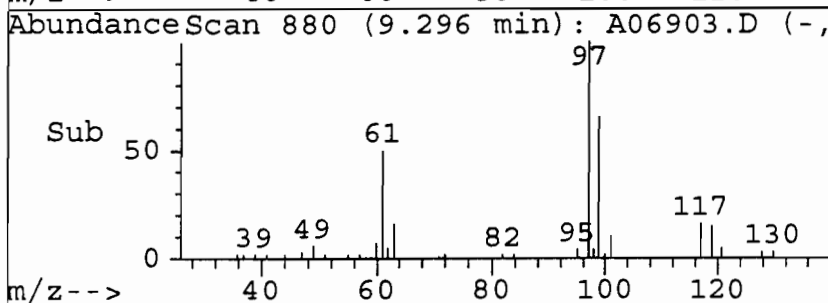
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.030	rBV	0.242	276140	8.941	9.184
2	9.296	rVB	0.219	58615	9.201	9.420
3	9.573	rBV	0.272	146910	9.491	9.762
4	9.922	rVB	0.249	405848	9.839	10.088
5	11.539	rBV	0.225	435164	11.456	11.681
6	13.132	rBV	0.219	441664	13.055	13.274
7	14.394	rBV	0.231	427884	14.306	14.537



#22
 1,1,1-Trichloroethane
 Concen: 11.86 UG/L
 RT: 9.30 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: A06903.D
 Acq: 1 Oct 95 2:03 am



Tgt Ion:	97	Resp:	15960
Ion Ratio	Lower	Upper	
97	100		
99	68.1	45.9	85.9
61	46.6	27.6	67.6
0	0.0	0.0	0.0



V C148

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950-
927A87316

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: SDG No.: 0927
 Matrix: (soil/water) WATER Lab Sample ID: 9527152
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06904.D
 Level: (low/med) LOW Date Received: 09/28/95
 % Moisture: not dec. Date Analyzed: 10/01/95
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	1	J	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	1100	E	
75-35-4	1,1-Dichloroethene	1100	E	
75-15-0	Carbon Disulfide	10	U	
67-64-1	Acetone	74		
75-09-2	Methylene Chloride	56		
540-59-0	1,2-Dichloroethene (total)	20		
75-34-4	1,1-Dichloroethane	8900	E	
67-66-3	Chloroform	1	J	
107-06-2	1,2-Dichloroethane	10		
78-93-3	2-Butanone	53		
71-55-6	1,1,1-Trichloroethane	7100	E	
56-23-5	Carbon Tetrachloride	10	U	
79-01-6	Trichloroethene	11		
71-43-2	Benzene	10	U	
78-87-5	1,2-Dichloropropane	10	U	
75-27-4	Bromodichloromethane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
10061-02-6	trans-1,3-Dichloropropene	10	U	
79-00-5	1,1,2-Trichloroethane	10	U	
124-48-1	Dibromochloromethane	10	U	
75-25-2	Bromoform	10	U	
108-10-1	4-Methyl-2-Pentanone	10	U	
108-88-3	Toluene	10	U	
127-18-4	Tetrachloroethene	76		
591-78-6	2-Hexanone	10	U	
108-90-7	Chlorobenzene	10	U	
100-41-4	Ethylbenzene	10	U	
1330-20-7	Xylene (total)	10	U	
100-42-5	Styrene	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950 -
927A87316

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527152
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06904.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 10/01/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown	13.74	15	J

V C150

100

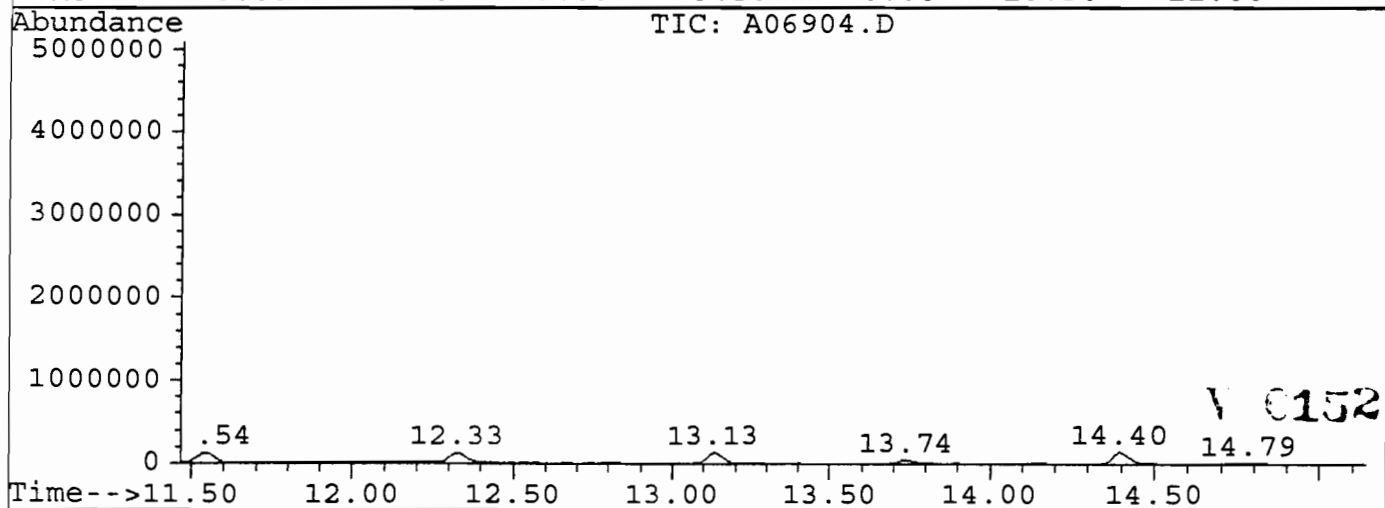
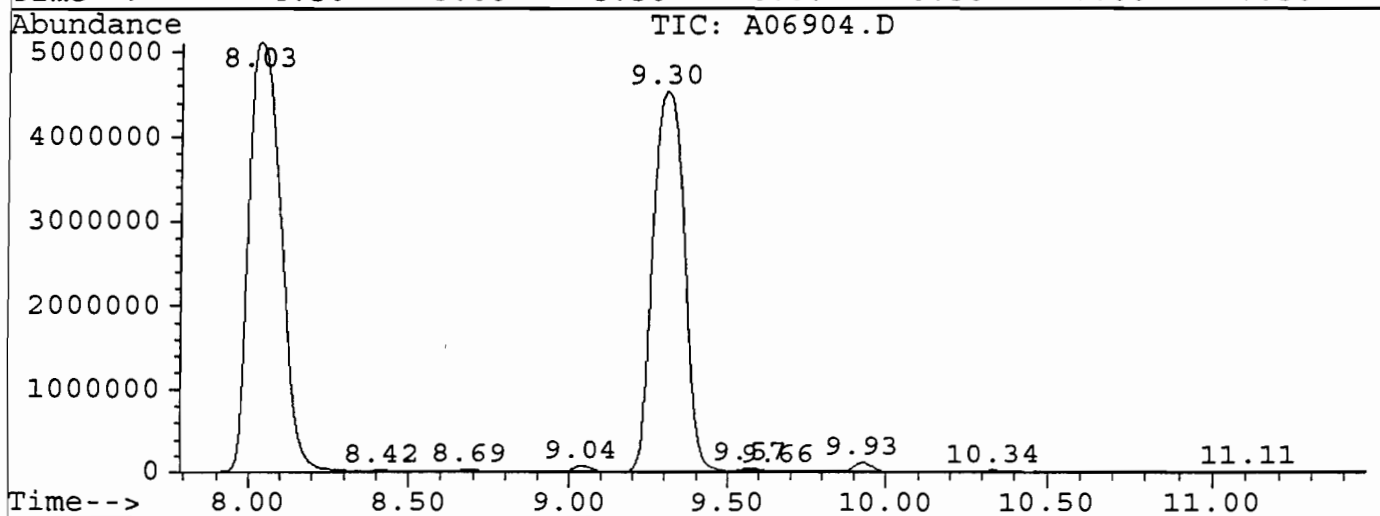
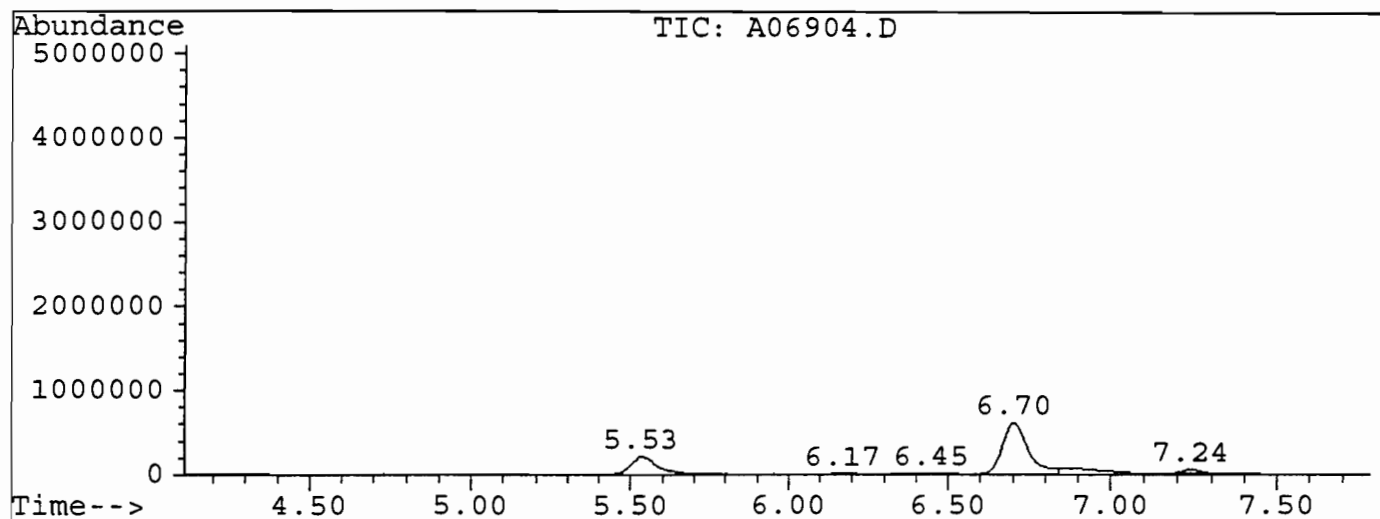
10

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File : S:\MS\MS2\OCT95\A06904.D
Operator : MSD
Acquired : 1 Oct 95 2:23 am using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527152 SHO950927A873-16
Misc Info : 9527152
Vial Number: 19



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06904.D
 Acq On : 1 Oct 95 2:23
 Sample : 9527152 SHO950927A873-16
 Misc : 9527152
 Quant Time: Oct 18 12:45 1995

Vial: 19
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.04	128	44167	50.00	UG/L	0.01
21) 1,4-difluorobenzene	9.93	114	197740	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.13	117	161460	50.00	UG/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	%Recovery
18) 1,2-Dichloroethane-d4	9.57	65	43896	46.15	UG/L	
34) Toluene-d8	11.54	98	167527	50.12	UG/L	
43) Bromofluorobenzene	14.40	95	117181	50.81	UG/L	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Vinyl Chloride	4.75	62	1287m	1.39	UG/L	44
5) Chloroethane	5.53	64	654597	1051.38	UG/L	96
6) 1,1-Dichloroethene	6.70	96	904273m	1114.45	UG/L	97
8) Acetone	6.45	43	29618	74.48	UG/L	94
12) Methylene Chloride	7.24	84	60683	55.50	UG/L	98
14) cis-1,2-Dichloroethene	8.70	96	21296	18.30	UG/L #	84
15) 1,2-Dichloroethene (total)	8.70	96	21296	19.98	UG/L #	84
16) 1,1-Dichloroethane	8.03	63	17673181	8872.73	UG/L	98
17) Chloroform	8.86	83	2118	1.07	UG/L #	44
19) 1,2-Dichloroethane	9.67	62	11123	10.41	UG/L	97
20) 2-Butanone	8.42	43	33011	53.02	UG/L	94
22) 1,1,1-Trichloroethane	9.30	97	9937016	7127.54	UG/L	99
24) Trichloroethene	10.34	130	14023	10.91	UG/L	98
37) Tetrachloroethene	12.33	164	62661	75.93	UG/L	99

SW
10/18/95

V C153

(#) = qualifier out of range (m) = manual integration

Tentatively Identified Compound (LSC) summary

Operator ID: MSD Date Acquired: 1 Oct 95 2:23 am

Data File: S:\MS\MS2\OCT95\A06904.D

Name: 9527152 SHO950927A873-16

Misc: 9527152

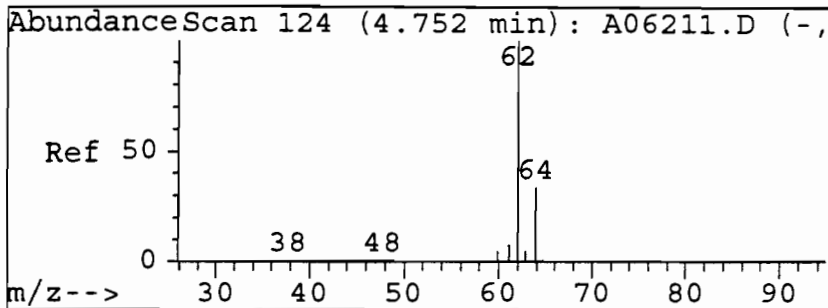
Method: VEPAW

Title: VOA CLP WATER METHOD

Library Searched: NBS75K.L

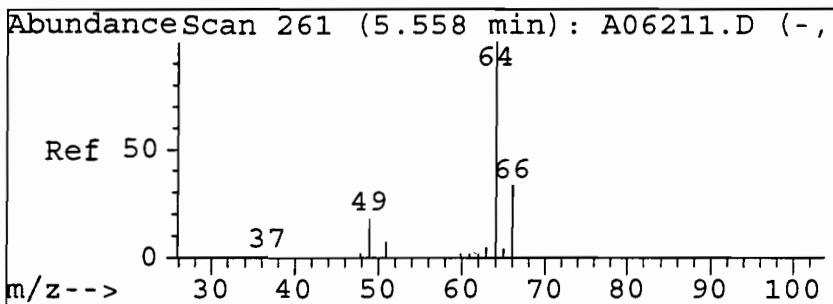
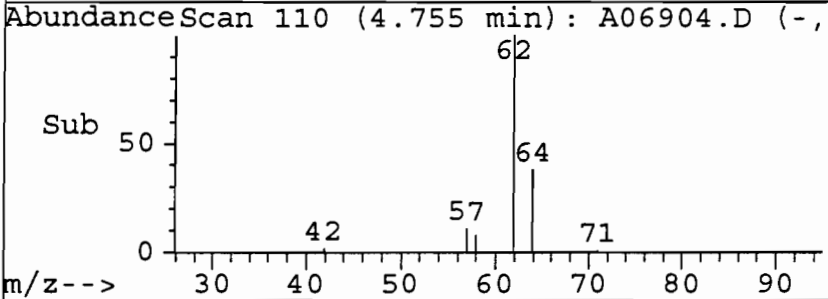
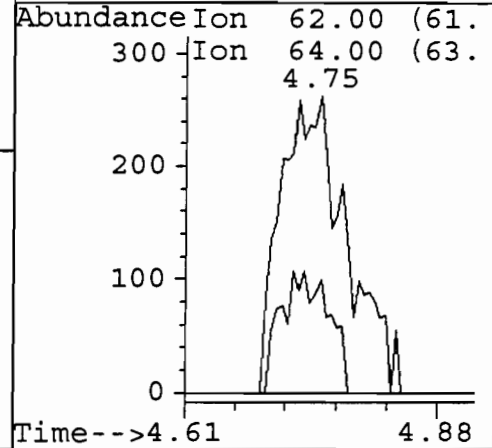
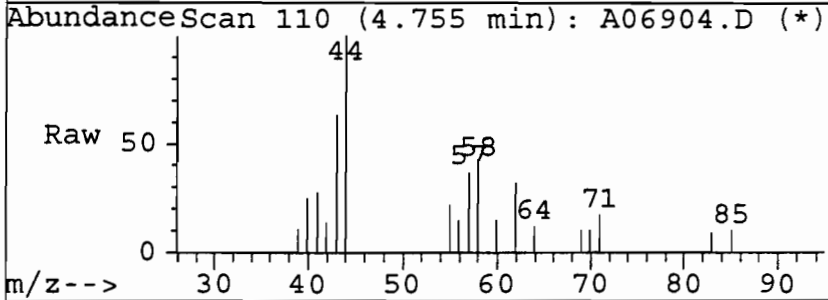
TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
3-Pentanol, 2-methyl	13.74	14.8	UG/L	134209	ISTD03	13.13	452429	50.0

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	5.533	rBV	0.378	1210220	5.415	5.793
2	6.171	rBV	0.171	21497	6.088	6.259
3	6.448	rBV	0.224	44319	6.354	6.578
4	6.702	rBV	0.260	3398484	6.578	6.838
5	7.241	rVB	0.225	242858	7.170	7.394
6	8.032	rBV	0.480	35936037	7.872	8.352
7	8.417	rVB	0.154	73816	8.352	8.506
8	8.689	rVB	0.195	108343	8.606	8.802
9	9.038	rBV	0.201	284631	8.955	9.156
10	9.299	rVV	0.356	31246635	9.156	9.512
11	9.572	rVV	0.119	188306	9.518	9.637
12	9.661	rVV	0.184	61559	9.637	9.820
13	9.927	rVB	0.208	421560	9.844	10.052
14	10.335	rVB	0.172	75985	10.264	10.436
15	11.110	rBV	0.160	23964	11.033	11.192
16	11.541	rVB	0.261	459661	11.441	11.701
17	12.328	rVB	0.225	444419	12.239	12.464
18	13.131	rBV	0.178	452429	13.054	13.232
19	13.740	rBV	0.171	134209	13.669	13.840
20	14.395	rBV	0.225	479764	14.318	14.543
21	14.785	rVB	0.142	16874	14.720	14.862



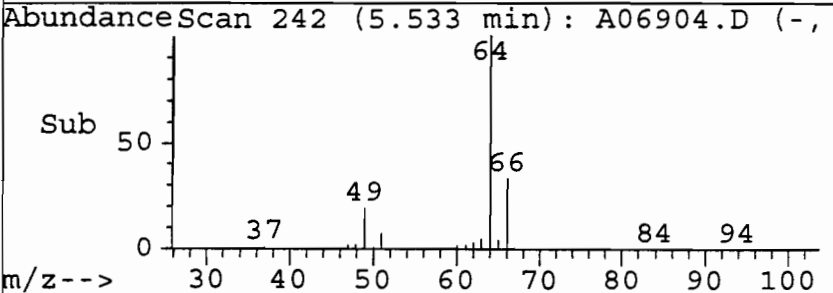
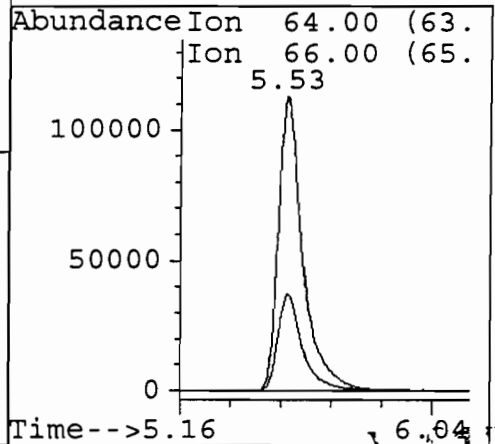
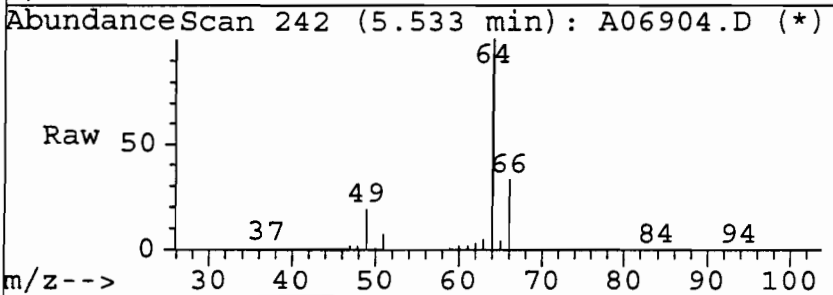
#3
 Vinyl Chloride
 Concen: 1.39 UG/L m
 RT: 4.75 min Scan# 110
 Delta R.T. 0.03 min
 Lab File: A06904.D
 Acq: 1 Oct 95 2:23 am

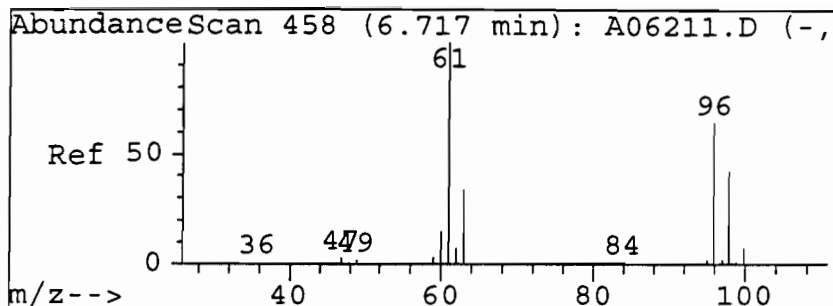
Tgt Ion:	62	Resp:	1287
Ion	Ratio	Lower	Upper
62	100		
64	37.7	11.0	51.0
0	0.0	0.0	0.0
0	0.0	0.0	0.0



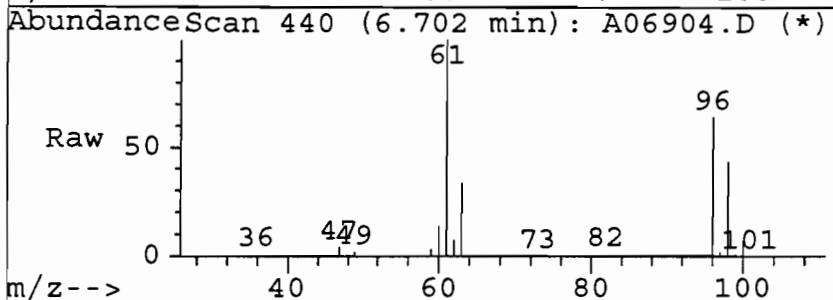
#5
 Chloroethane
 Concen: 1051.38 UG/L
 RT: 5.53 min Scan# 242
 Delta R.T. 0.01 min
 Lab File: A06904.D
 Acq: 1 Oct 95 2:23 am

Tgt Ion:	64	Resp:	654597
Ion	Ratio	Lower	Upper
64	100		
66	33.3	11.3	51.3
0	0.0	0.0	0.0
0	0.0	0.0	0.0



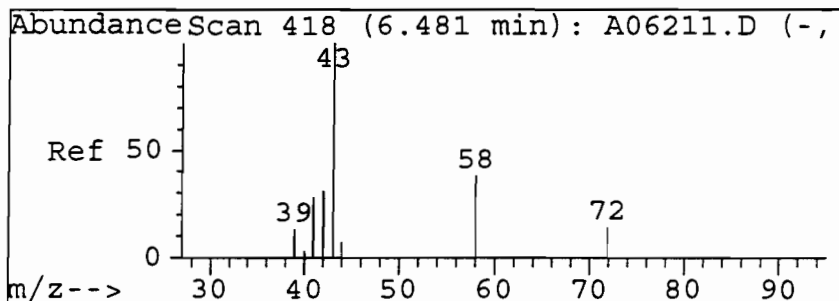
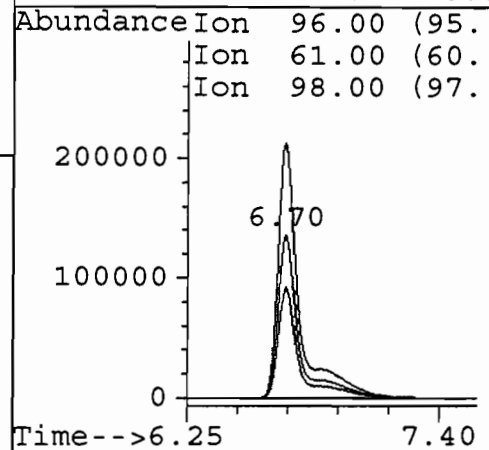
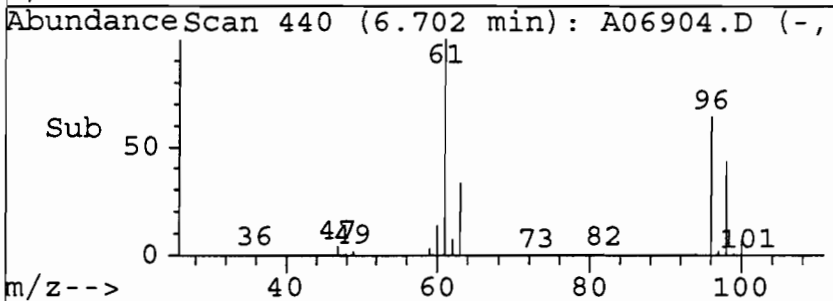


#6
1,1-Dichloroethene
Concen: 1114.45 UG/L m
RT: 6.70 min Scan# 440
Delta R.T. 0.01 min
Lab File: A06904.D
Acq: 1 Oct 95 2:23 am

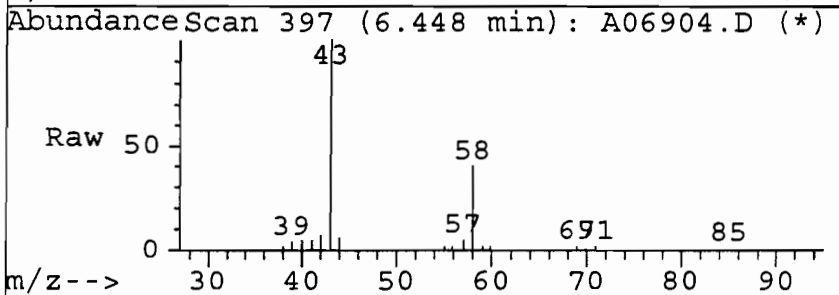


Tgt Ion:96 Resp: 904273

Ion	Ratio	Lower	Upper
96	100		
61	156.0	139.8	179.8
98	67.3	46.0	86.0
0	0.0	0.0	0.0

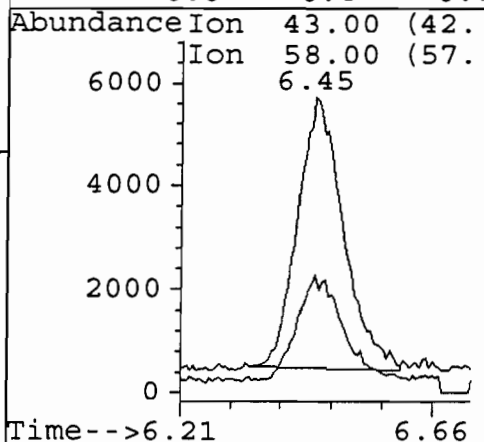
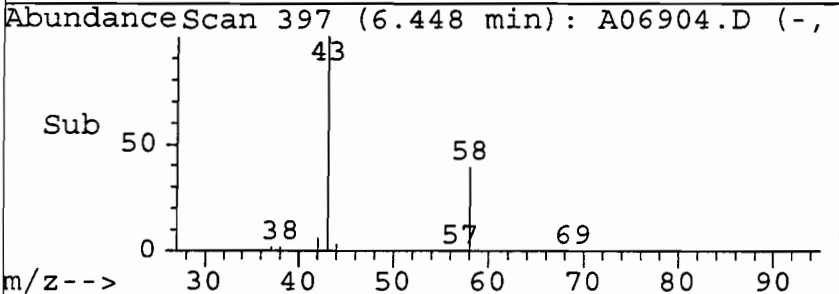


#8
Acetone
Concen: 74.48 UG/L
RT: 6.45 min Scan# 397
Delta R.T. -0.00 min
Lab File: A06904.D
Acq: 1 Oct 95 2:23 am



Tgt Ion:43 Resp: 29618

Ion	Ratio	Lower	Upper
43	100		
58	39.0	15.4	55.4
0	0.0	0.0	0.0
0	0.0	0.0	0.0



Sample Name: 9527152 SHO950927A873-16

Misc. Info: 9527152

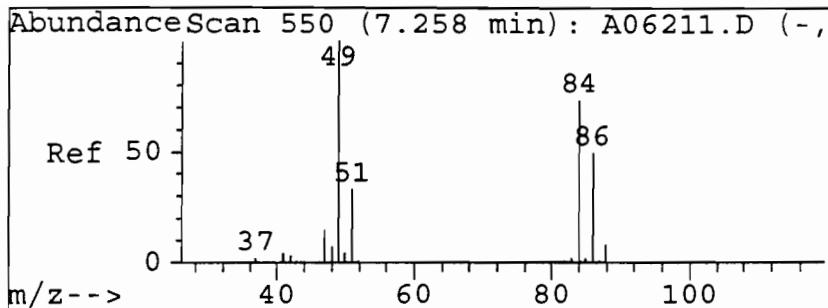
A06904.D VEPAW.M

Wed Oct 18 13:07:38 1995

H2M

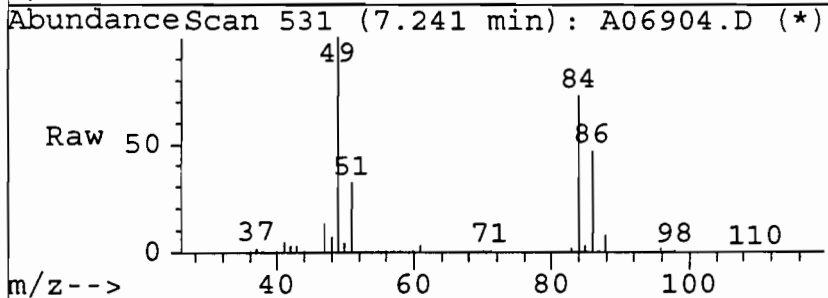
Page 4

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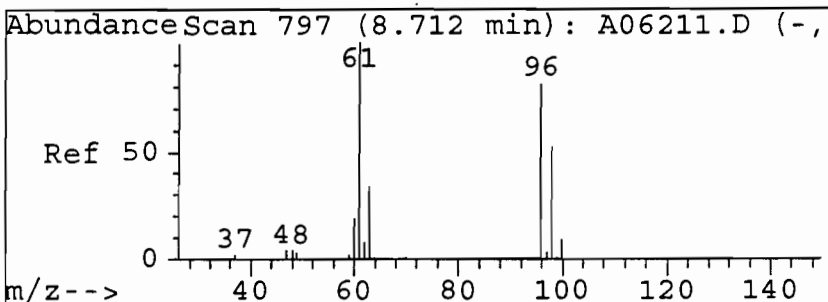
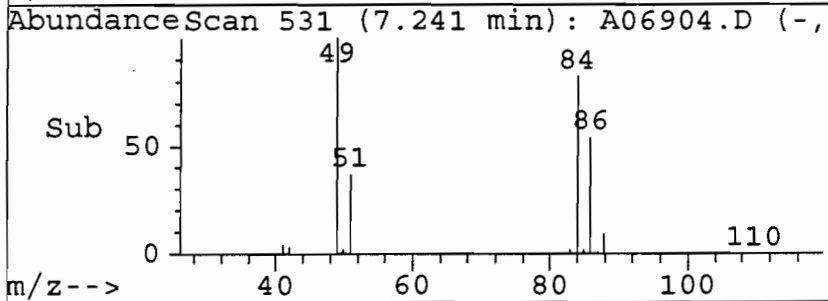
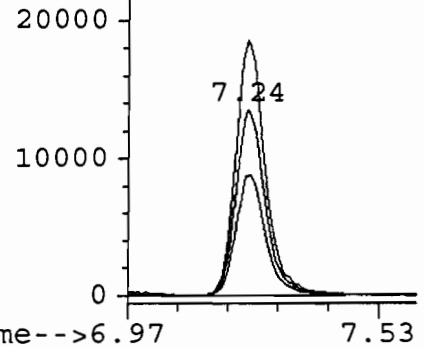


#12
Methylene Chloride
Concen: 55.50 UG/L
RT: 7.24 min Scan# 531
Delta R.T. 0.01 min
Lab File: A06904.D
Acq: 1 Oct 95 2:23 am

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.2	118.9	158.9
86	65.3	46.8	86.8
0	0.0	0.0	0.0

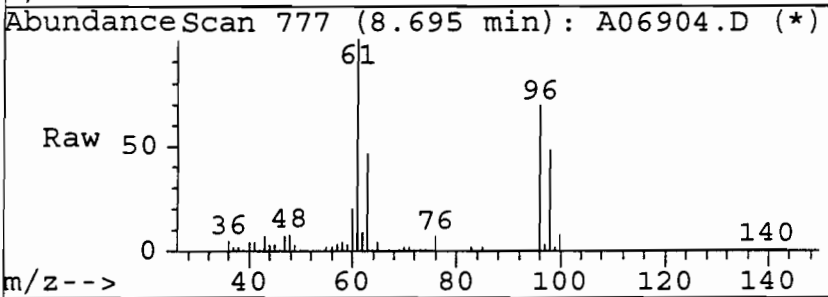


AbundanceIon 84.00 (83.
Ion 49.00 (48.
Ion 86.00 (85.

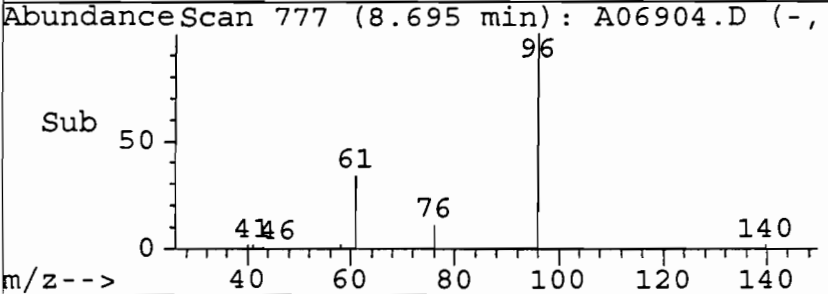
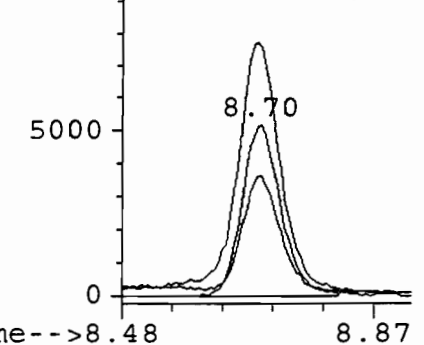


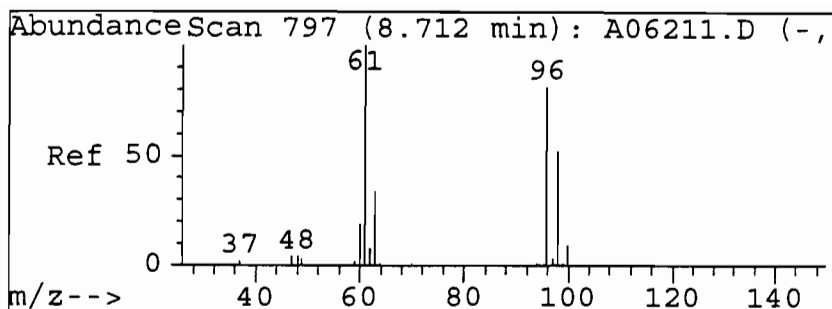
#14
cis-1,2-Dichloroethene
Concen: 18.30 UG/L
RT: 8.70 min Scan# 777
Delta R.T. 0.01 min
Lab File: A06904.D
Acq: 1 Oct 95 2:23 am

Tgt Ion	Ratio	Lower	Upper
96	100		
98	67.9	46.4	86.4
61	157.2	110.7	150.7#
0	0.0	0.0	0.0



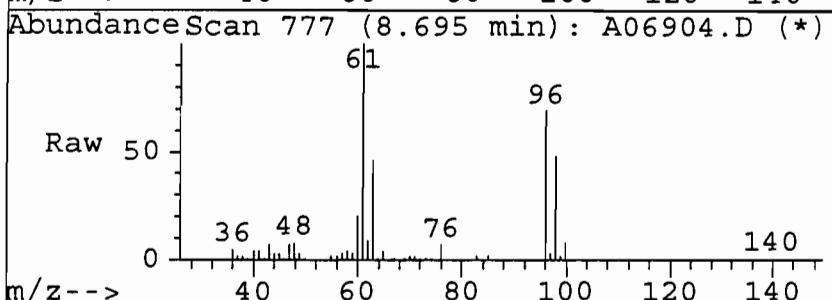
AbundanceIon 95.85 (95.
Ion 97.85 (97.
Ion 60.85 (60.



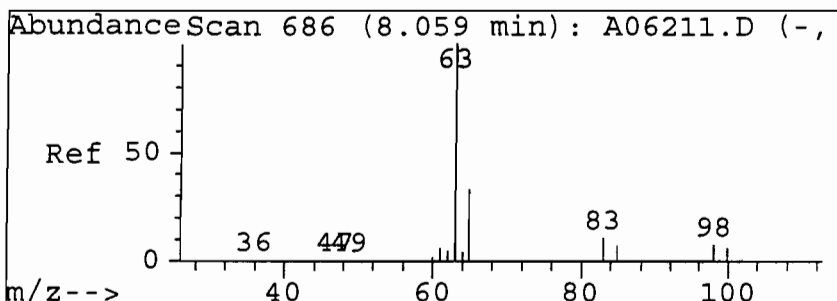
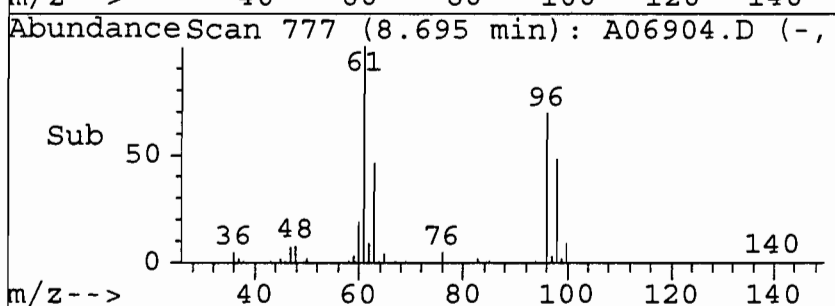
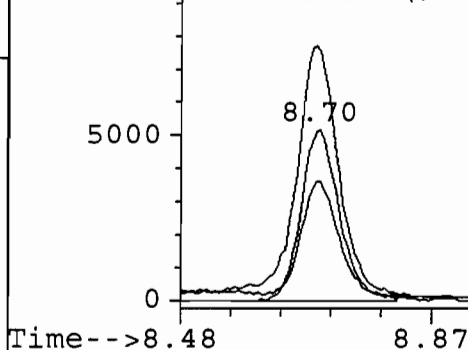


#15
1,2-Dichloroethene (total)
Concen: 19.98 UG/L
RT: 8.70 min Scan# 777
Delta R.T. 0.01 min
Lab File: A06904.D
Acq: 1 Oct 95 2:23 am

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.2	110.3	150.3#
98	67.9	46.6	86.6
0	0.0	0.0	0.0

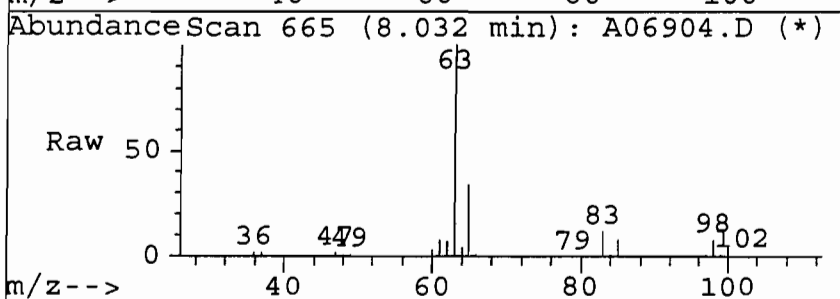


Abundance	Ion	Ion	Ion
96.00	(95.		
61.00	(60.		
98.00	(97.		

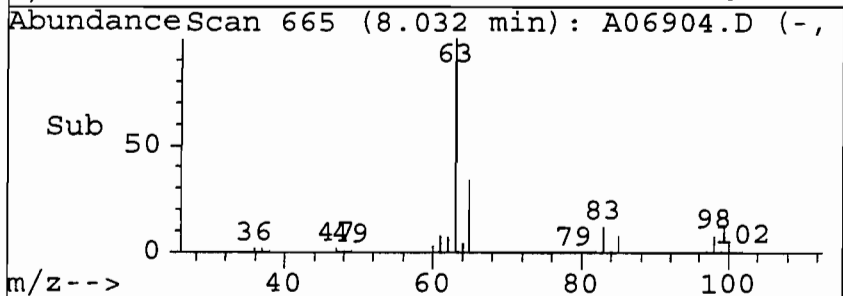
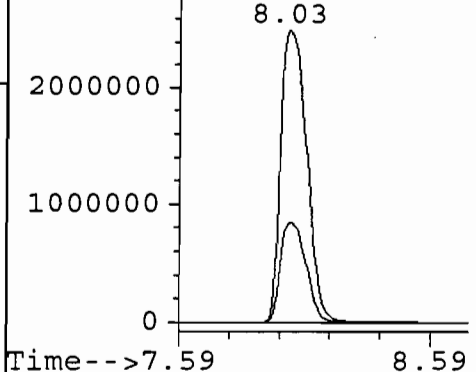


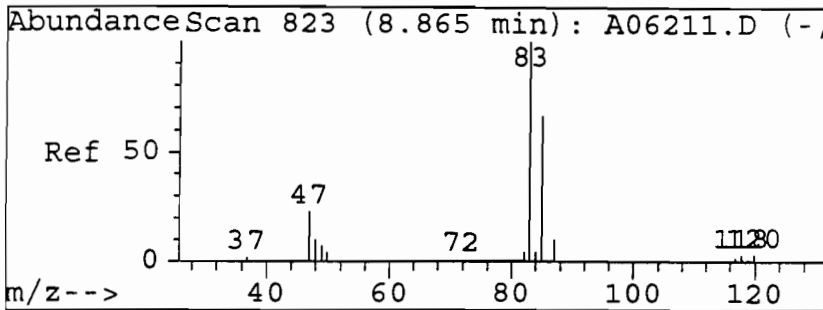
#16
1,1-Dichloroethane
Concen: 8872.73 UG/L
RT: 8.03 min Scan# 665
Delta R.T. -0.00 min
Lab File: A06904.D
Acq: 1 Oct 95 2:23 am

Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.5	12.5	52.5
0	0.0	0.0	0.0
0	0.0	0.0	0.0



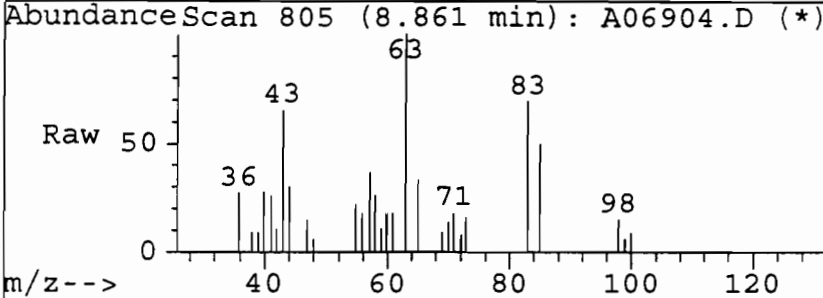
Abundance	Ion	Ion	Ion
63.00	(62.		
65.00	(64.		



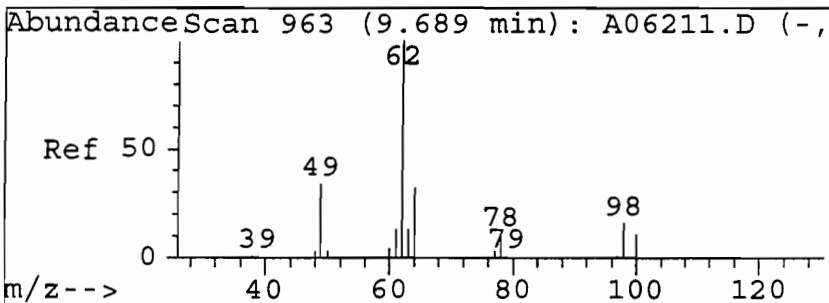
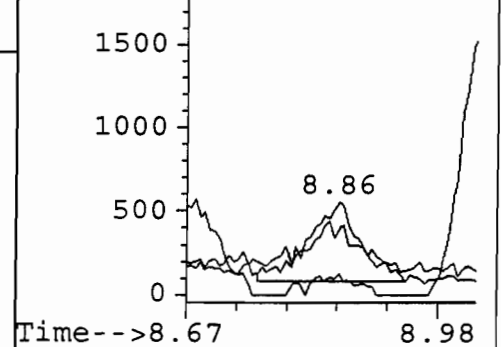
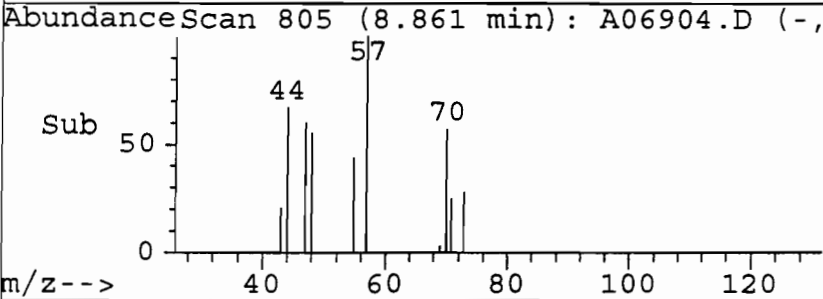


#17
Chloroform
Concen: 1.07 UG/L
RT: 8.86 min Scan# 805
Delta R.T. 0.02 min
Lab File: A06904.D
Acq: 1 Oct 95 2:23 am

Tgt Ion:	83	Resp:	2118
Ion	Ratio	Lower	Upper
83	100		
85	20.1	46.5	86.5#
47	0.0	3.8	43.8#
0	0.0	0.0	0.0

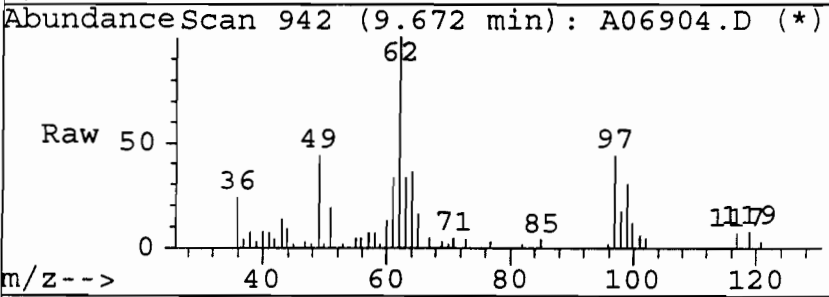


Abundance	Ion	83.00	(82.
2000	Ion	85.00	(84.
	Ion	47.00	(46.

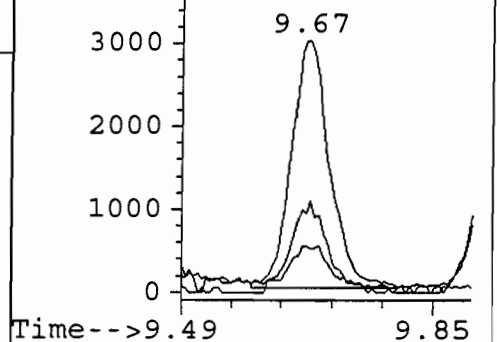
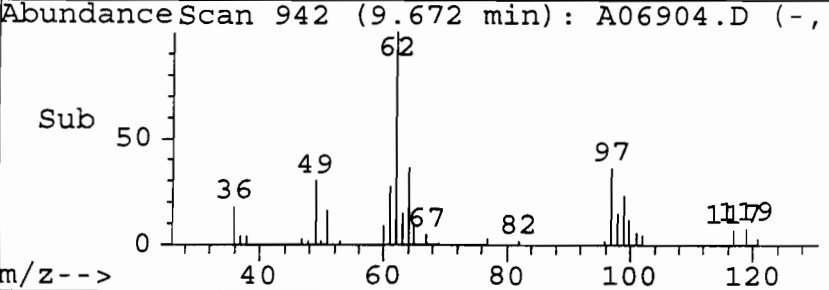


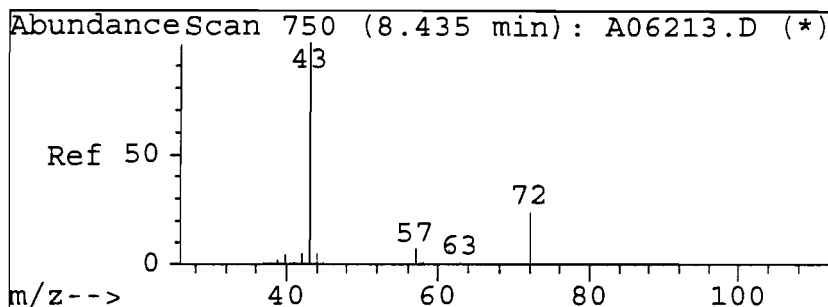
#19
1,2-Dichloroethane
Concen: 10.41 UG/L
RT: 9.67 min Scan# 942
Delta R.T. 0.01 min
Lab File: A06904.D
Acq: 1 Oct 95 2:23 am

Tgt Ion:	62	Resp:	11123
Ion	Ratio	Lower	Upper
62	100		
98	16.3	0.0	35.5
64	35.5	13.7	53.7
0	0.0	0.0	0.0



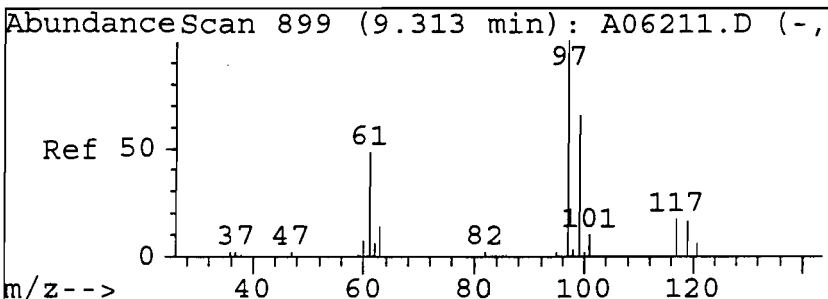
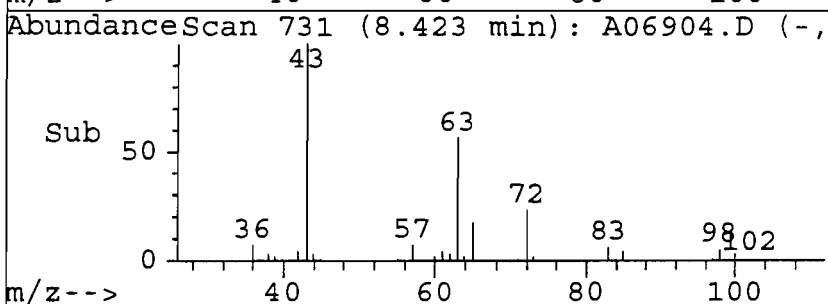
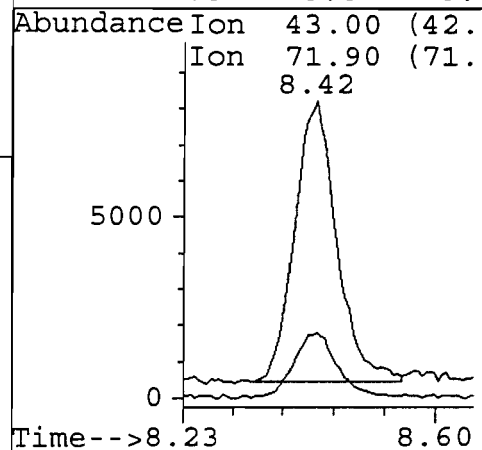
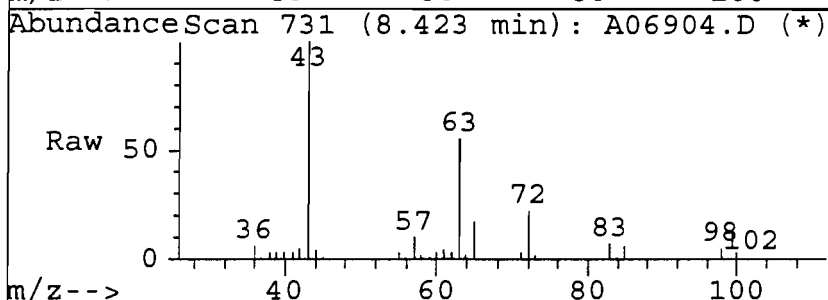
Abundance	Ion	62.00	(61.
4000	Ion	98.00	(97.
	Ion	64.00	(63.





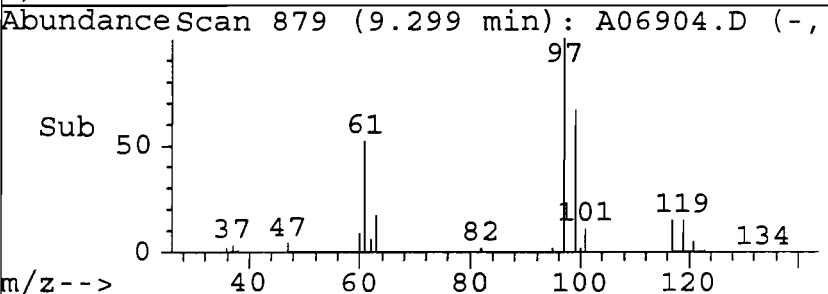
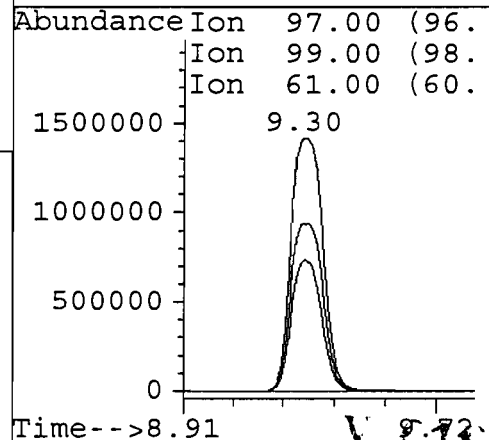
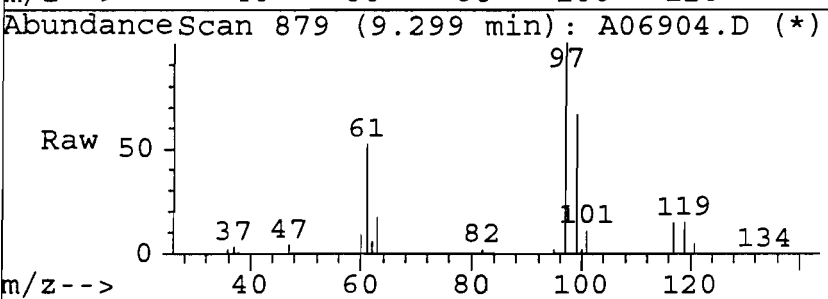
#20
2-Butanone
Concen: 53.02 UG/L
RT: 8.42 min Scan# 731
Delta R.T. 0.02 min
Lab File: A06904.D
Acq: 1 Oct 95 2:23 am

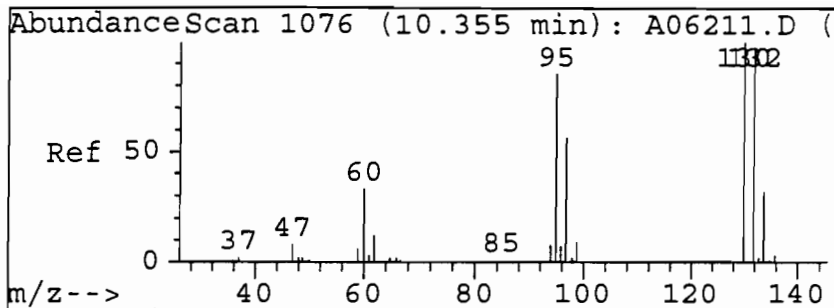
Tgt	Ion:43	Resp:	33011
Ion	Ratio	Lower	Upper
43	100		
72	24.4	1.3	41.3
0	0.0	0.0	0.0
0	0.0	0.0	0.0



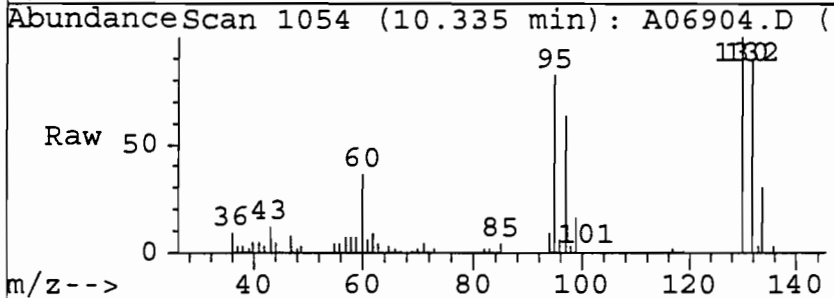
#22
1,1,1-Trichloroethane
Concen: 7127.54 UG/L
RT: 9.30 min Scan# 879
Delta R.T. 0.00 min
Lab File: A06904.D
Acq: 1 Oct 95 2:23 am

Tgt	Ion:97	Resp:	9937016
	Ratio	Lower	Upper
97	100		
99	66.6	45.9	85.9
61	48.8	27.6	67.6
0	0.0	0.0	0.0

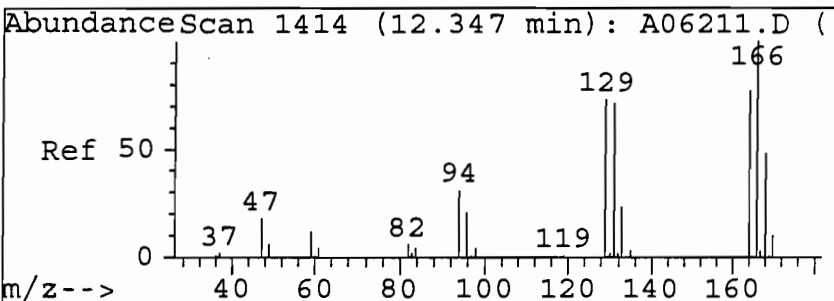
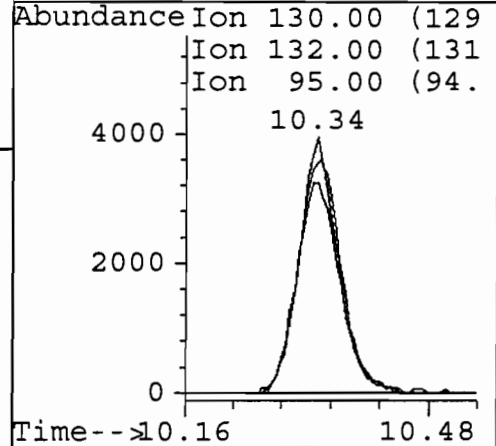
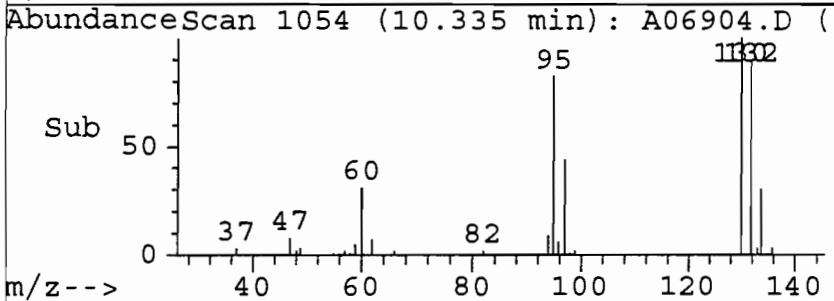




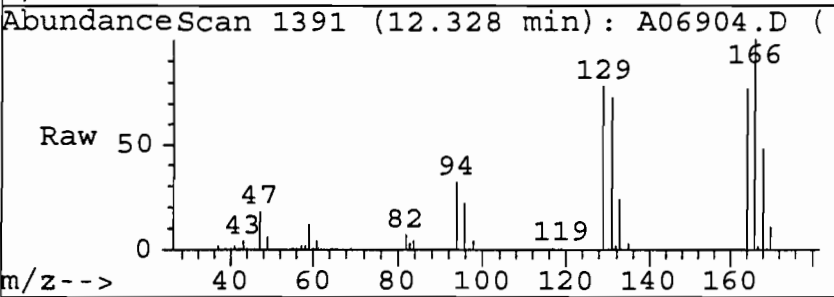
#24
Trichloroethene
Concen: 10.91 UG/L
RT: 10.34 min Scan# 1054
Delta R.T. 0.01 min
Lab File: A06904.D
Acq: 1 Oct 95 2:23 am



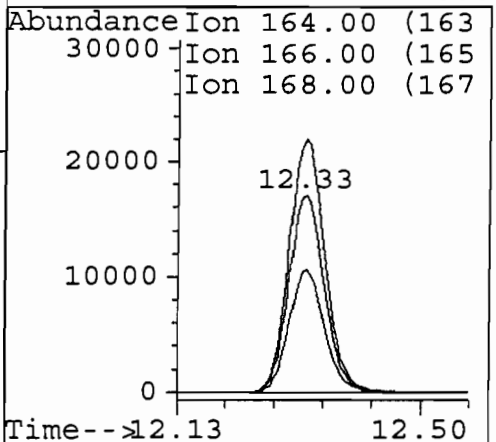
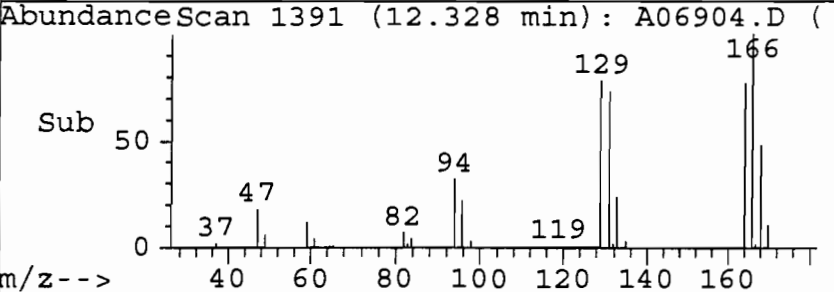
Tgt Ion	Ratio	Lower	Upper
130	100		
132	95.5	76.7	116.7
95	88.8	66.8	106.8
0	0.0	0.0	0.0



#37
Tetrachloroethene
Concen: 75.93 UG/L
RT: 12.33 min Scan# 1391
Delta R.T. 0.00 min
Lab File: A06904.D
Acq: 1 Oct 95 2:23 am



Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	111.2	151.2
168	62.1	42.7	82.7
0	0.0	0.0	0.0



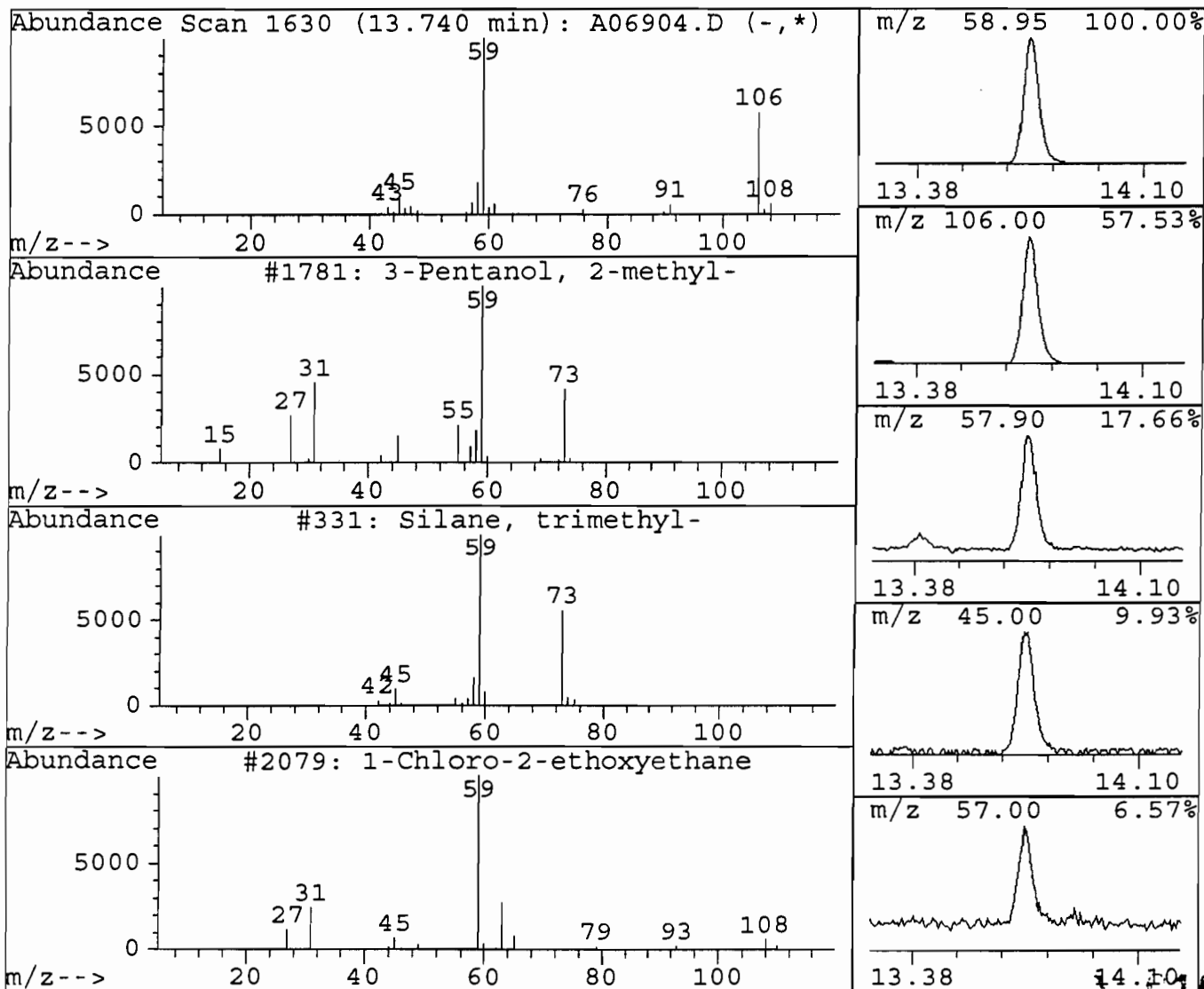
Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06904.D
Acq On : 1 Oct 95 2:23 am
Sample : 9527152 SH0950927A873-16
Misc : 9527152

Vial: 19
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : C:\DATABASE\NBS75K.L

R.T.	Conc	Area	Relative to ISTD	R.T.	
13.74	14.83 UG/L	134209	Chlorobenzene-d5	13.13	
Hit# of 15	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	28
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	28
3	1-Chloro-2-ethoxyethane	108	C4H9ClO	000628-34-2	28
4	Butanoic acid, 2-hydroxy-, methyl e	118	C5H10O3	029674-47-3	25
5	1,3-Dithiolane	106	C3H6S2	004829-04-3	9



1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950 -
927A87316DL

Lab Name: H2M LABS, INC Contract: C003180

Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927

Matrix: (soil/water) WATER Lab Sample ID: 9527152DL S

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06947.D

Level: (low/med) LOW Date Received: 09/28/95

% Moisture: not dec. _____ Date Analyzed: 10/03/95

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 500.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		5000	U
75-01-4	Vinyl Chloride		5000	U
74-83-9	Bromomethane		5000	U
75-00-3	Chloroethane		1100	JD
75-35-4	1,1-Dichloroethene		1000	JD
75-15-0	Carbon Disulfide		5000	U
67-64-1	Acetone		5000	U
75-09-2	Methylene Chloride		5000	U
540-59-0	1,2-Dichloroethene (total)		5000	U
75-34-4	1,1-Dichloroethane		21000	D
67-66-3	Chloroform		5000	U
107-06-2	1,2-Dichloroethane		5000	U
78-93-3	2-Butanone		5000	U
71-55-6	1,1,1-Trichloroethane		14000	D
56-23-5	Carbon Tetrachloride		5000	U
79-01-6	Trichloroethene		5000	U
71-43-2	Benzene		5000	U
78-87-5	1,2-Dichloropropane		5000	U
75-27-4	Bromodichloromethane		5000	U
10061-01-5	cis-1,3-Dichloropropene		5000	U
10061-02-6	trans-1,3-Dichloropropene		5000	U
79-00-5	1,1,2-Trichloroethane		5000	U
124-48-1	Dibromochloromethane		5000	U
75-25-2	Bromoform		5000	U
108-10-1	4-Methyl-2-Pentanone		5000	U
108-88-3	Toluene		5000	U
127-18-4	Tetrachloroethene		5000	U
591-78-6	2-Hexanone		5000	U
108-90-7	Chlorobenzene		5000	U
100-41-4	Ethylbenzene		5000	U
1330-20-7	Xylene (total)		5000	U
100-42-5	Styrene		5000	U
79-34-5	1,1,2,2-Tetrachloroethane		5000	U

V C164

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950-
927A87316DL

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527152DL S
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06947.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 10/03/95
GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 500.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q
---------	----------	----	------------	---

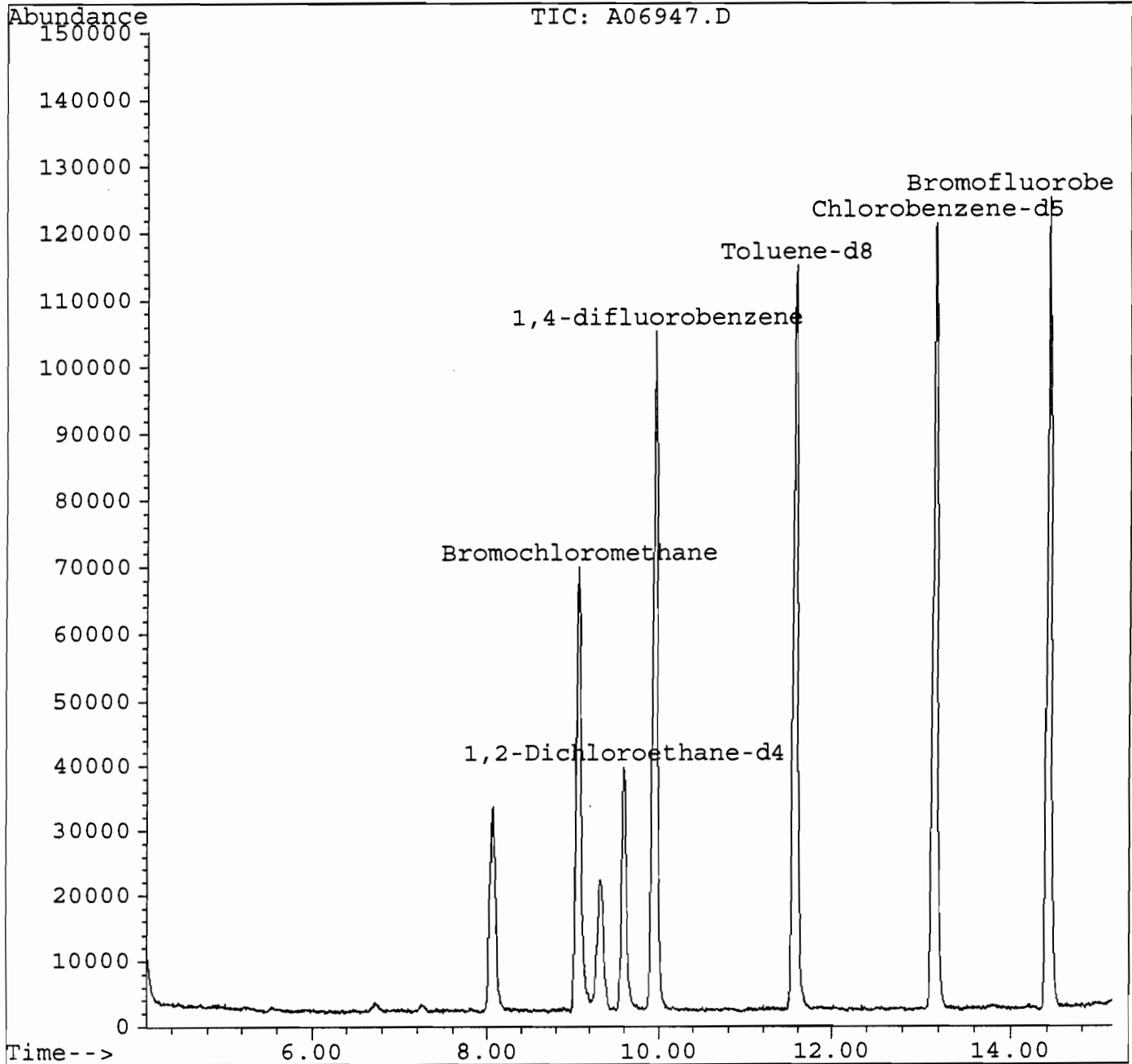
V C165

Quantitation Report

Data File : S:\MS\MS2\OCT95\A06947.D
Acq On : 3 Oct 95 4:37 pm
Sample : 9527152DL SHO950927A873-16DL
Misc : 5ML 1:500
Quant Time: Oct 18 12:55 1995

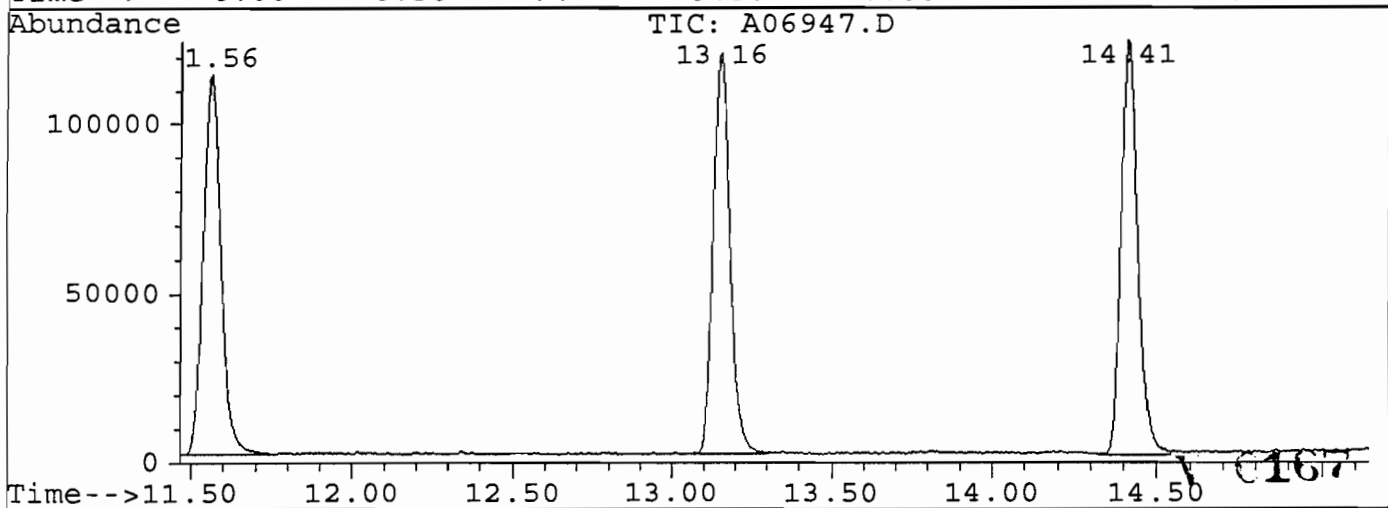
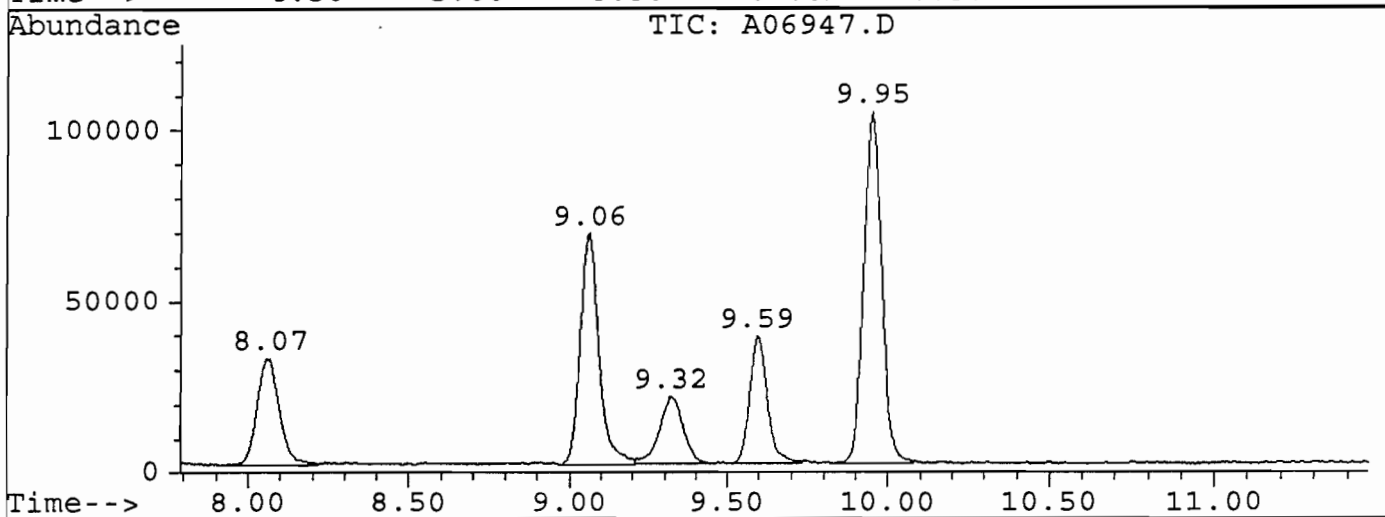
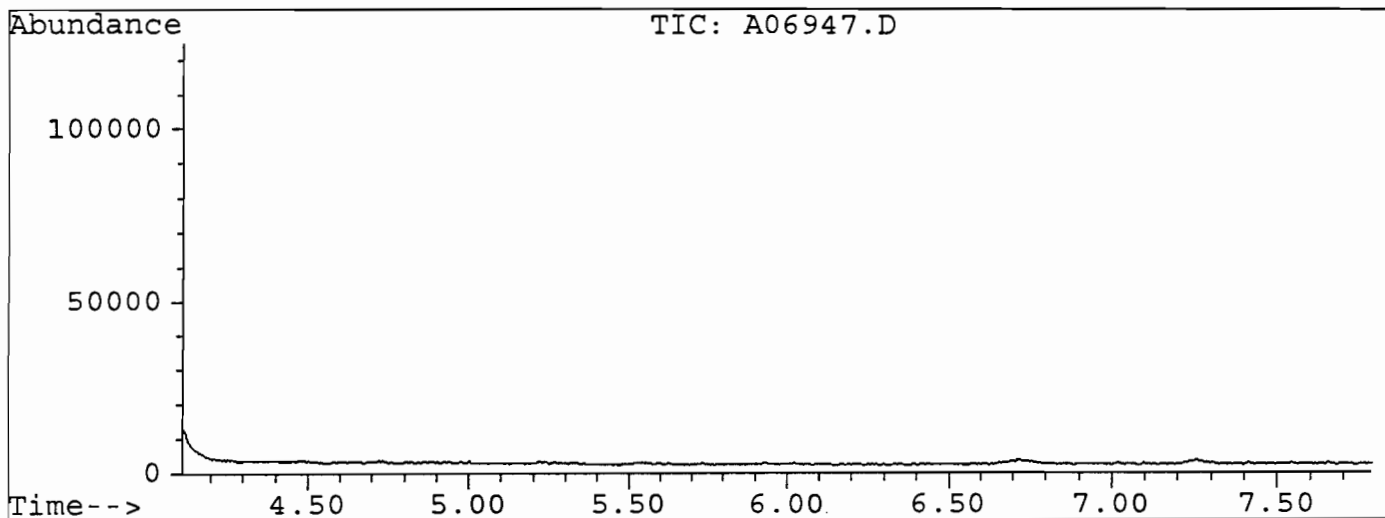
Vial: 2
Operator: JOHN
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V C166

File : S:\MS\MS2\OCT95\A06947.D
Operator : JOHN
Acquired : 3 Oct 95 4:37 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527152DL SHO950927A873-16DL
Misc Info : 5ML 1:500
Vial Number: 2



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06947.D
 Acq On : 3 Oct 95 16:37
 Sample : 9527152DL SHO950927A873-16DL
 Misc : 5ML 1:500
 Quant Time: Oct 18 12:55 1995

Vial: 2
 Operator: JOHN
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 14:06:21 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06934.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.06	128	42874	50.00	UG/L	0.00
21) 1,4-difluorobenzene	9.95	114	187319	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.16	117	155218	50.00	UG/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	%Recovery
18) 1,2-Dichloroethane-d4	9.59	65	42184	46.91	UG/L	
34) Toluene-d8	11.56	98	161067	50.15	UG/L	
43) Bromofluorobenzene	14.41	95	103431	47.22	UG/L	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Chloroethane	5.54	64	1115	2.17	UG/L	# 43
6) 1,1-Dichloroethene	6.71	96	1205m	2.00	UG/L	28
16) 1,1-Dichloroethane	8.06	63	77701	41.81	UG/L	100
22) 1,1,1-Trichloroethane	9.33	97	31677	27.52	UG/L	98

*W
10/18/95*

V C168

(#) = qualifier out of range (m) = manual integration

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06947.D
Acq On : 3 Oct 95 4:37 pm
Sample : 9527152DL SH0950927A873-16DL
Misc : 5ML 1:500

Vial: 2
Operator: JOHN
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

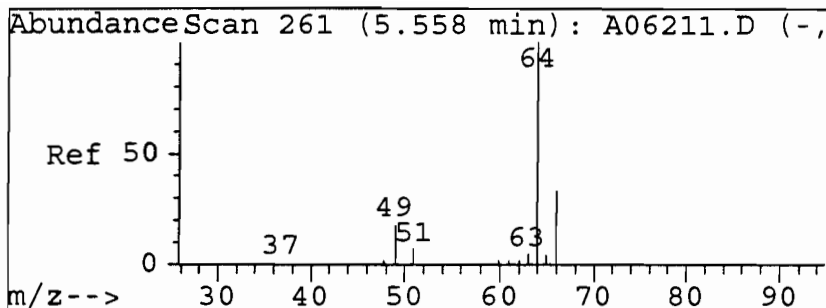
V C169

IC: A06947.D

9527152DL SHO950927A873-16DL

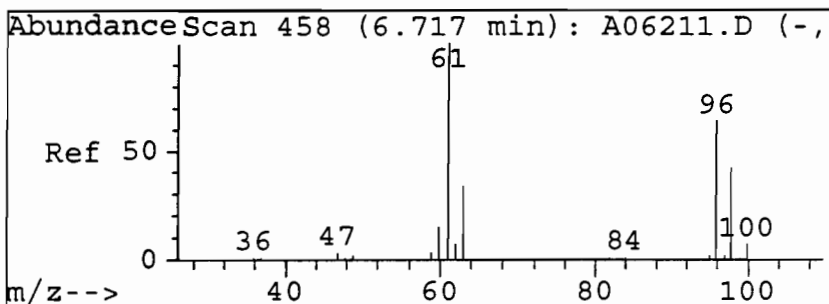
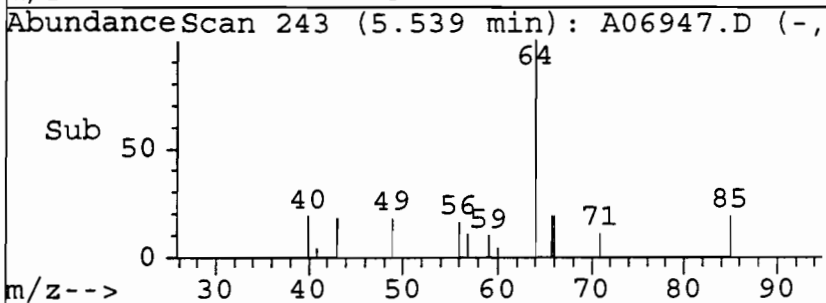
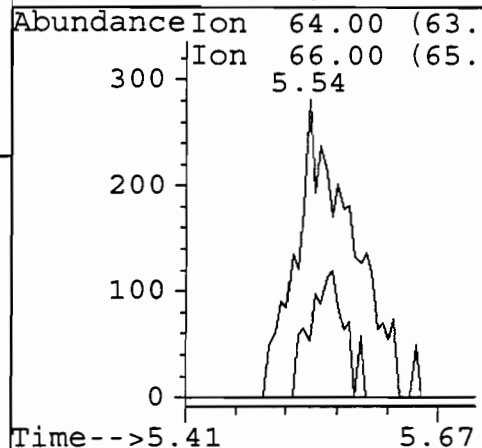
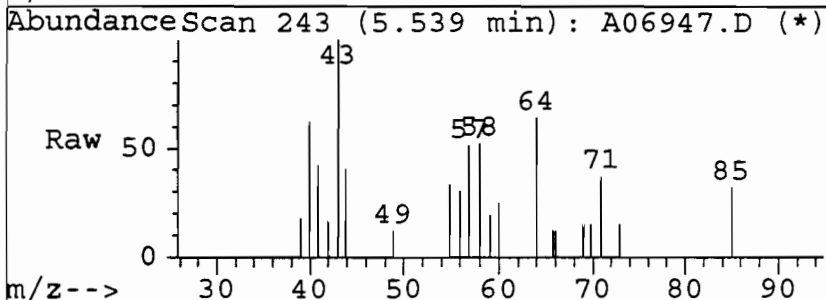
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	8.069	rBV	0.289	154315	7.927	8.216
2	9.060	rBV	0.242	281369	8.965	9.208
3	9.320	rVB	0.231	106383	9.208	9.438
4	9.592	rBV	0.225	146819	9.509	9.734
5	9.946	rBV	0.249	396901	9.828	10.077
6	11.563	rBV	0.296	428989	11.474	11.769
7	13.155	rBV	0.254	435007	13.049	13.303
8	14.412	rBV	0.219	431295	14.324	14.543

V C170



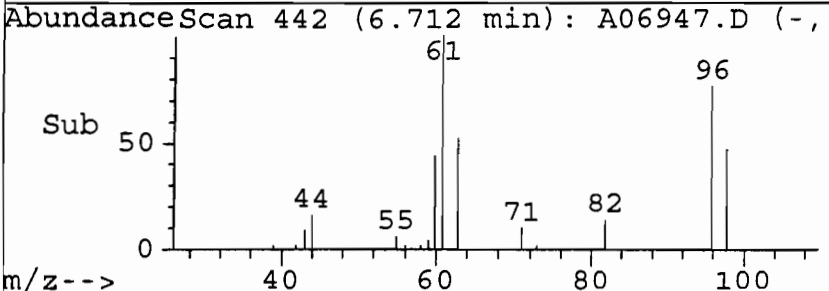
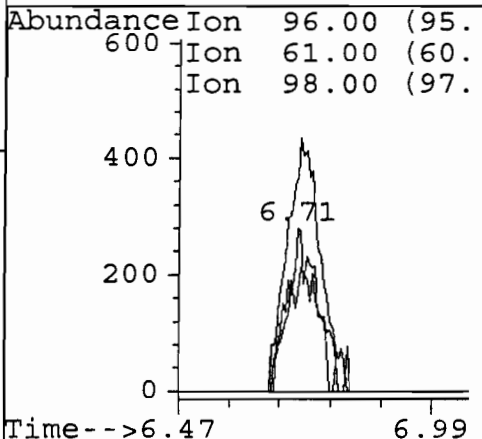
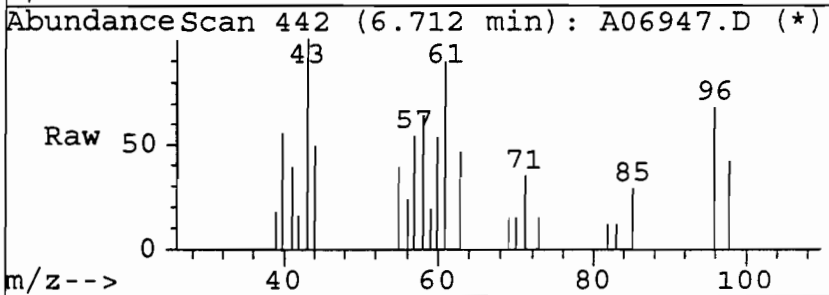
#5
Chloroethane
Concen: 2.17 UG/L
RT: 5.54 min Scan# 243
Delta R.T. -0.01 min
Lab File: A06947.D
Acq: 3 Oct 95 4:37 pm

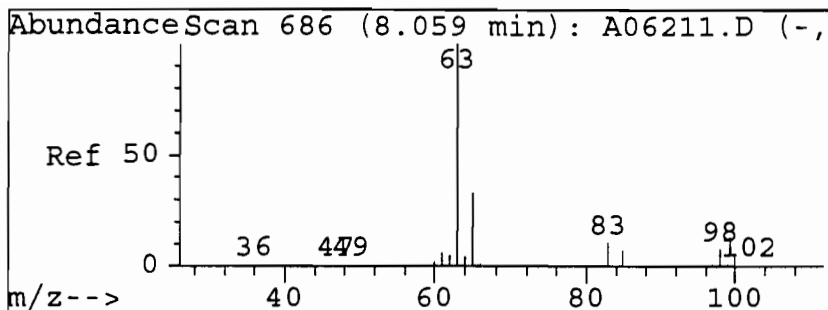
Tgt Ion	Ratio	Lower	Upper
64	100		
66	0.0	11.3	51.3#
0	0.0	0.0	0.0
0	0.0	0.0	0.0



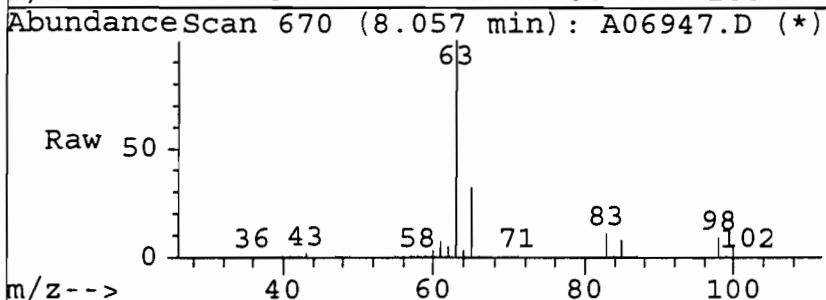
#6
1,1-Dichloroethene
Concen: 2.00 UG/L m
RT: 6.71 min Scan# 442
Delta R.T. -0.01 min
Lab File: A06947.D
Acq: 3 Oct 95 4:37 pm

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.9	139.8	179.8#
98	61.7	46.0	86.0
0	0.0	0.0	0.0

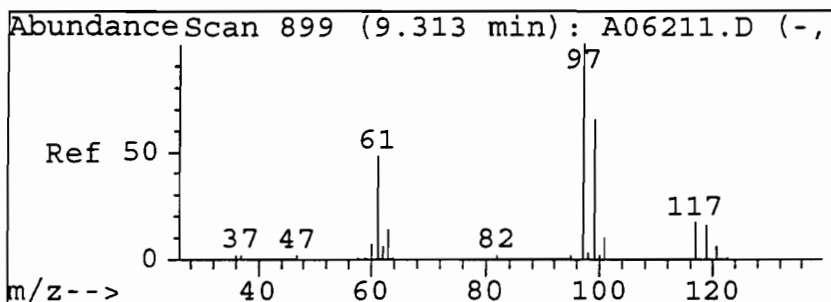
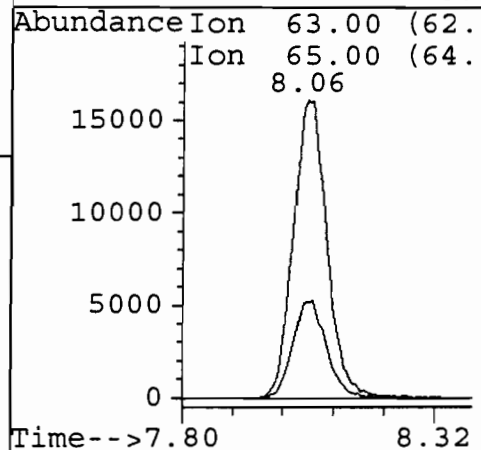
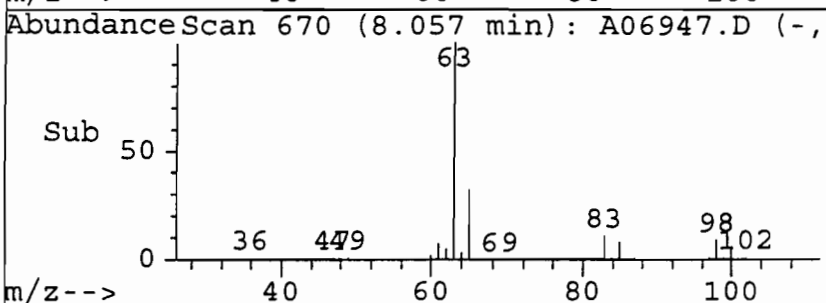




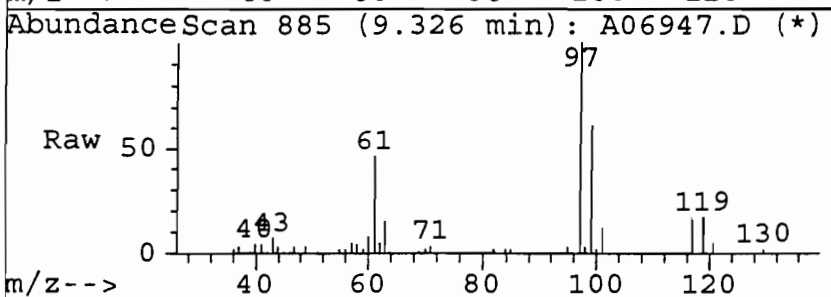
#16
1,1-Dichloroethane
Concen: 41.81 UG/L
RT: 8.06 min Scan# 670
Delta R.T. -0.00 min
Lab File: A06947.D
Acq: 3 Oct 95 4:37 pm



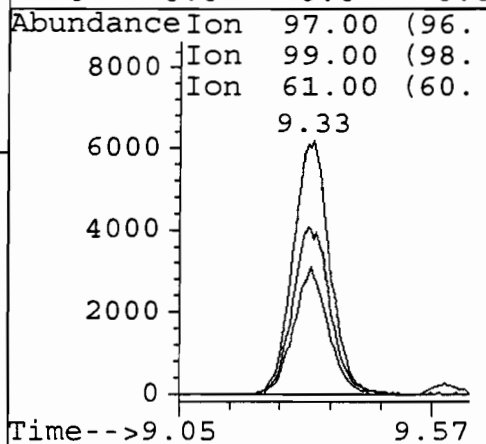
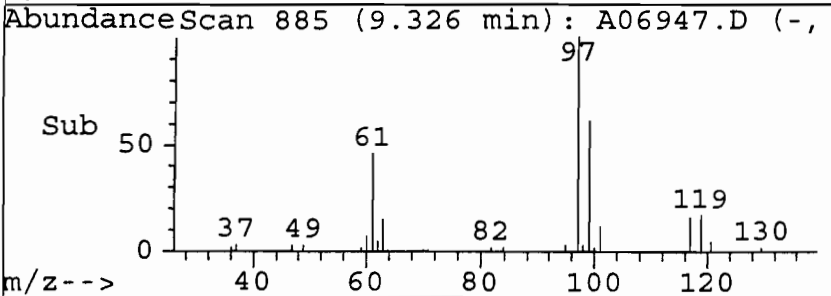
Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.6	12.5	52.5
0	0.0	0.0	0.0
0	0.0	0.0	0.0



#22
1,1,1-Trichloroethane
Concen: 27.52 UG/L
RT: 9.33 min Scan# 885
Delta R.T. 0.00 min
Lab File: A06947.D
Acq: 3 Oct 95 4:37 pm



Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.4	45.9	85.9
61	46.7	27.6	67.6
0	0.0	0.0	0.0



1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

540950-
927A87317

Lab Name: H2M LABS, INC Contract: C003180

Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927

Matrix: (soil/water) WATER Lab Sample ID: 9527153

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06913.D

Level: (low/med) LOW Date Received: 09/28/95

% Moisture: not dec. _____ Date Analyzed: 10/01/95

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

340950
927A87317

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527153
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06913.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 10/01/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
---------	----------	----	------------	---

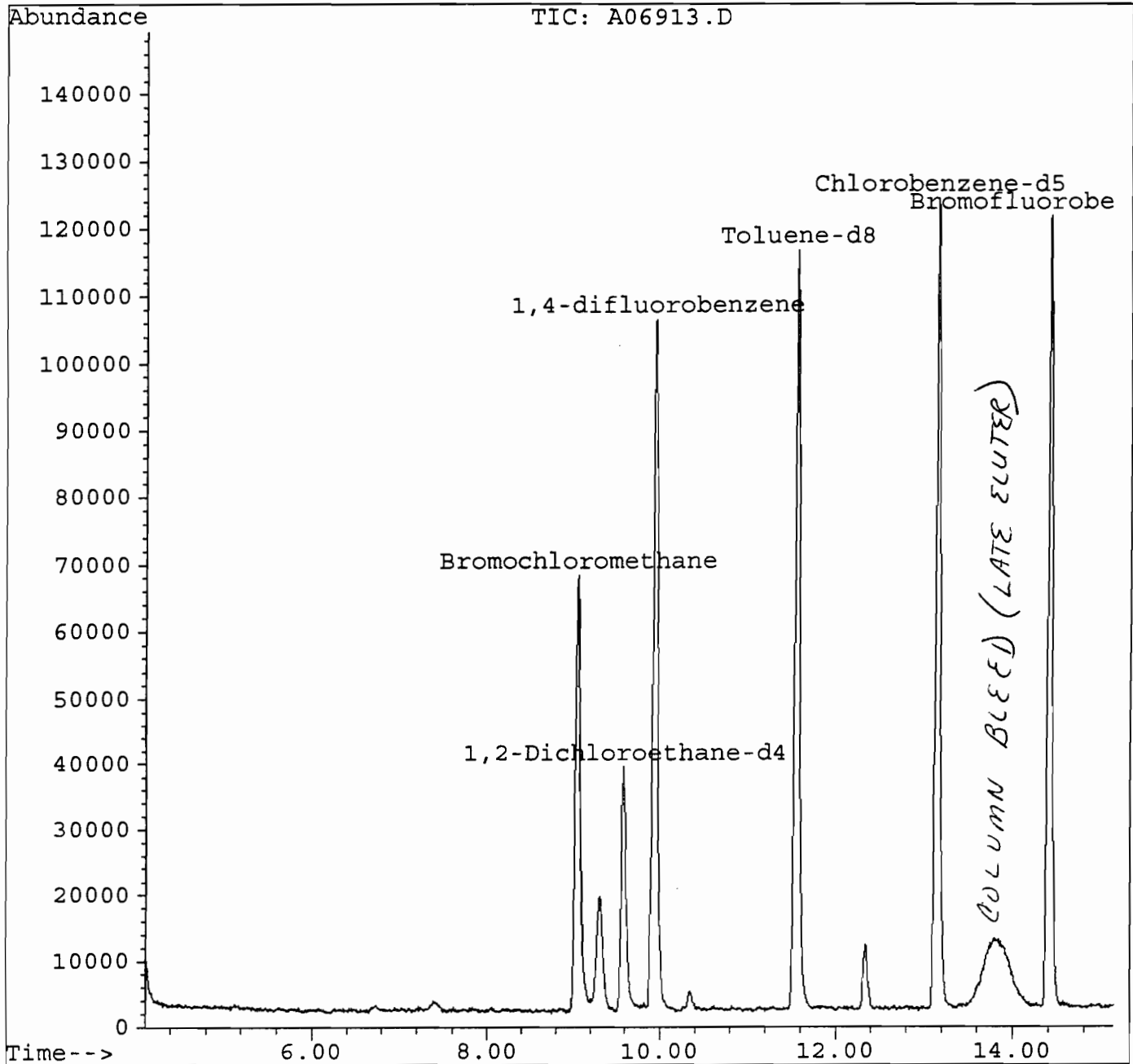
174

Quantitation Report

Data File : S:\MS\MS2\OCT95\A06913.D
Acq On : 1 Oct 95 12:10 pm
Sample : 9527153 SHO950927A873-17
Misc : 9527153
Quant Time: Oct 18 12:49 1995

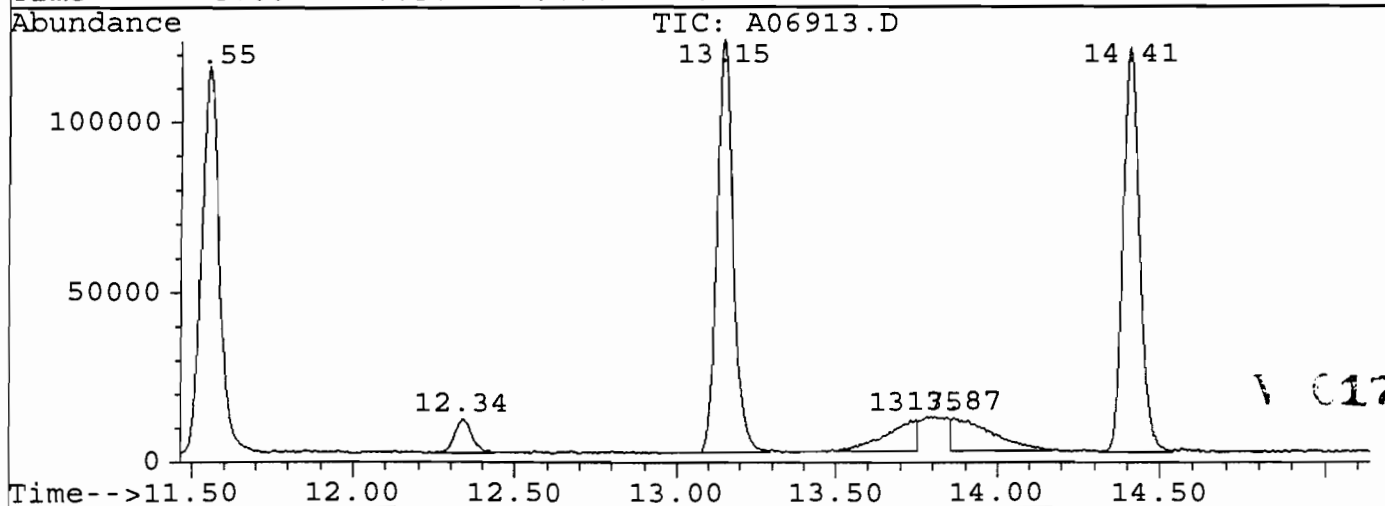
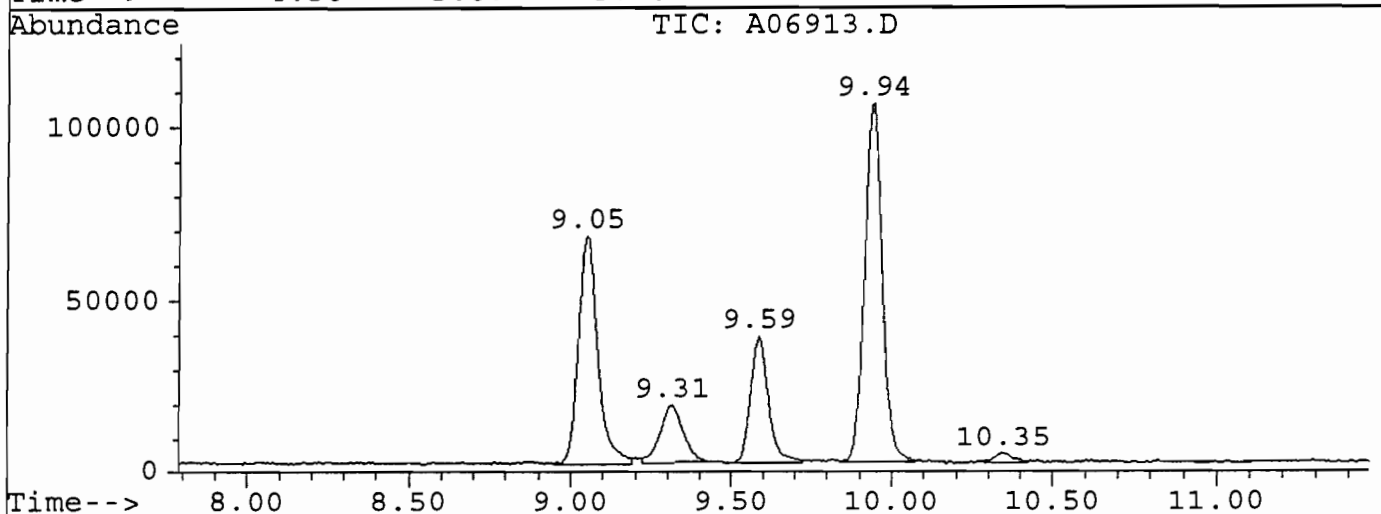
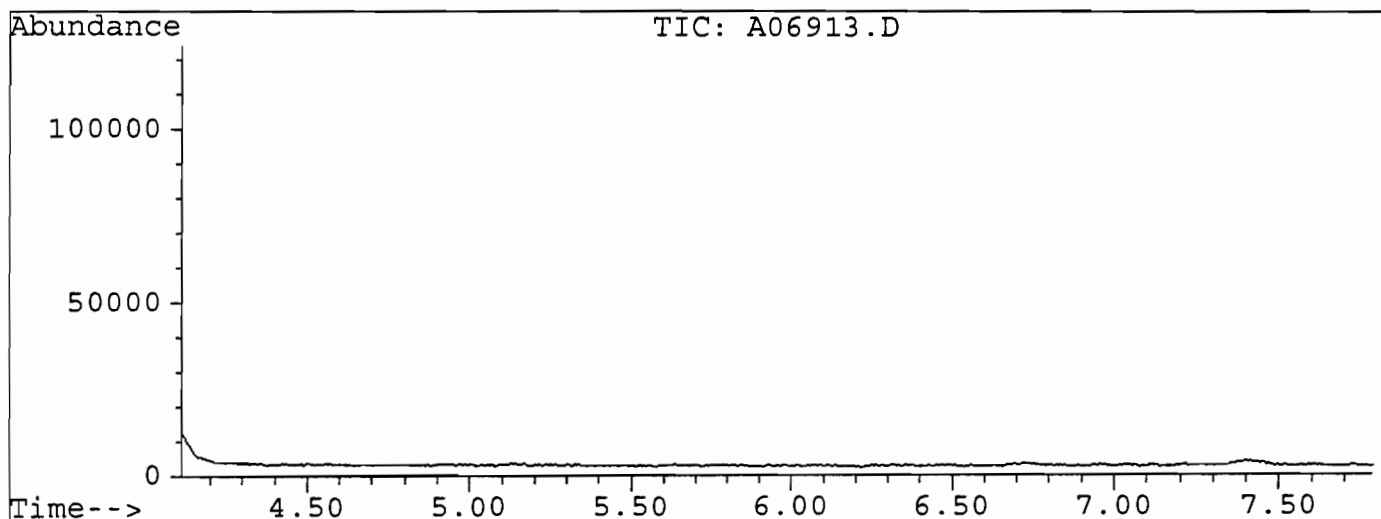
Vial: 2
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



175

File : S:\MS\MS2\OCT95\A06913.D
Operator : MSD
Acquired : 1 Oct 95 12:10 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527153 SHO950927A873-17
Misc Info : 9527153
Vial Number: 2



V 0176

Quantitation Report

Data File : S:\MS\MS2\OCT95\A06913.D
 Acq On : 1 Oct 95 12:10
 Sample : 9527153 SHO950927A873-17
 Misc : 9527153
 Quant Time: Oct 18 12:49 1995

Vial: 2
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 13:47:38 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06910.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.05	128	42514	50.00	UG/L	0.00
21) 1,4-difluorobenzene	9.94	114	190944	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.15	117	157997	50.00	UG/L	0.00
System Monitoring Compounds						%Recovery
18) 1,2-Dichloroethane-d4	9.59	65	42631	47.44	UG/L	
34) Toluene-d8	11.55	98	165158	49.82	UG/L	
43) Bromofluorobenzene	14.40	95	101886	45.27	UG/L	
Target Compounds						Qvalue
22) 1,1,1-Trichloroethane	9.31	97	26591	19.80	UG/L	98
24) Trichloroethene	10.35	130	2018	1.66	UG/L	95
37) Tetrachloroethene	12.34	164	5067	5.82	UG/L	98

V C177

Tentatively Identified Compound (LSC) summary

Operator ID: MSD Date Acquired: 1 Oct 95 12:10 pm

Data File: S:\MS\MS2\OCT95\A06913.D

Name: 9527153 SHO950927A873-17

Misc: 9527153

Method: VEPAW

Title: VOA CLP WATER METHOD

Library Searched: NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Propanoic acid, 2-me	13.75 *	7.2	UG/L	63661	ISTD03	13.15	443910	50.0
Hexanoic acid, 2-met	13.87 *	9.2	UG/L	81417	ISTD03	13.15	443910	50.0

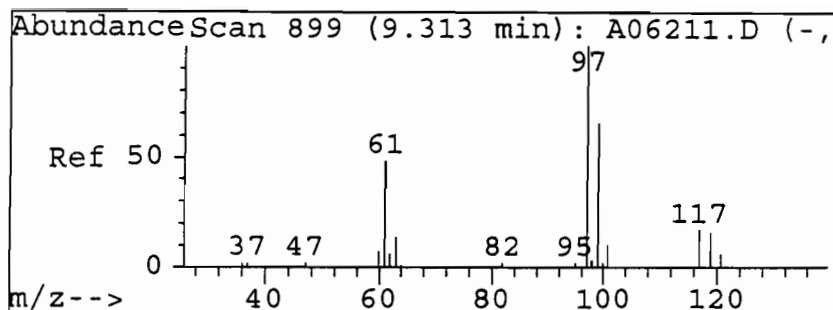
Late eluter from a previous run 10/18/95

TC: A06913.D

9527153 SHO950927A873-17

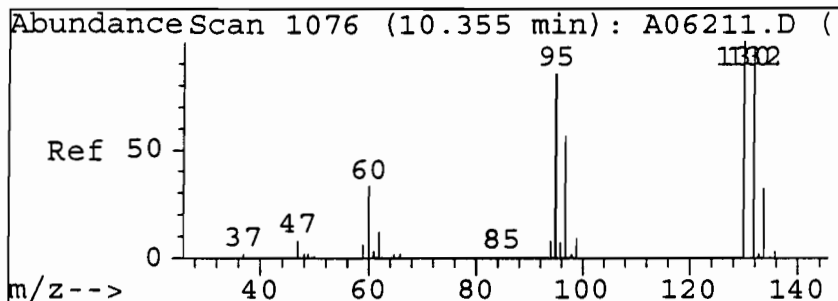
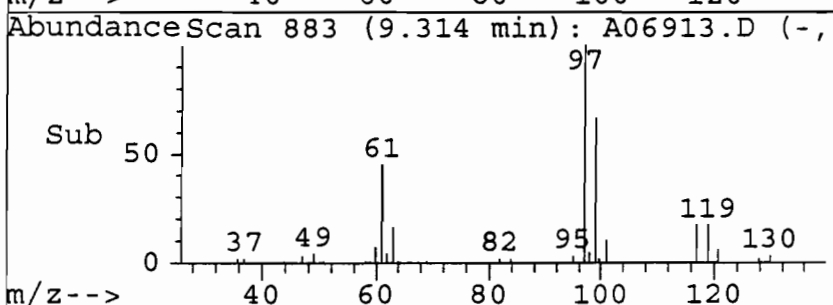
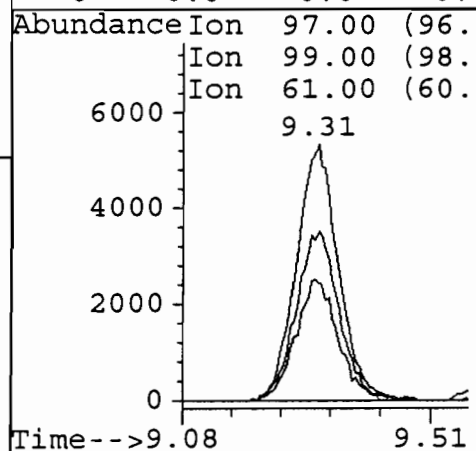
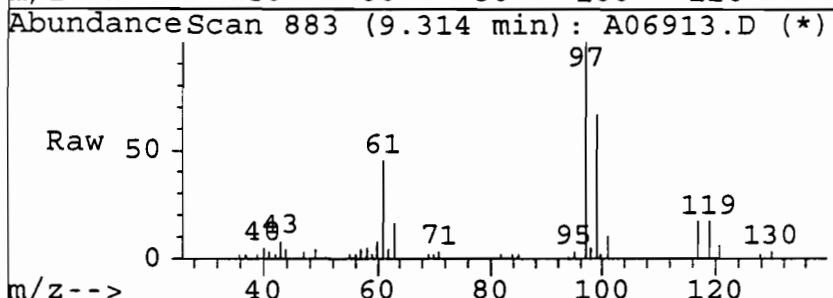
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.048	rBV	0.242	280367	8.948	9.190
2	9.314	rVB	0.207	87077	9.220	9.427
3	9.586	rBV	0.219	148225	9.503	9.722
4	9.941	rBV	0.231	403801	9.846	10.077
5	10.348	rVB	0.136	10794	10.289	10.425
6	11.552	rVB	0.278	440093	11.463	11.741
7	12.337	rBV	0.183	36959	12.254	12.437
8	13.145	rBV	0.225	443910	13.068	13.293
9	13.747	rBV	0.260	63661	13.494	13.753
10	13.866	rVB	0.319	81417	13.854	14.173
11	14.409	rBV	0.219	417563	14.320	14.539

V C179



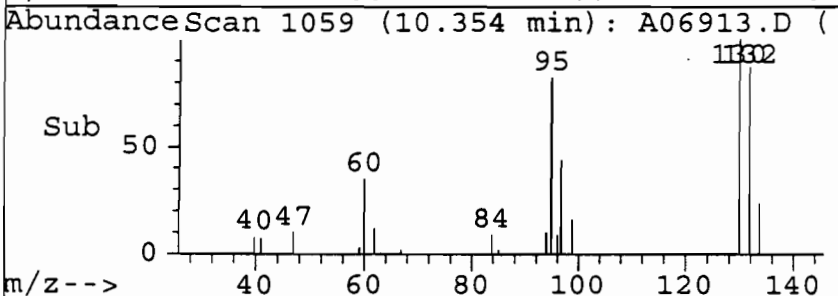
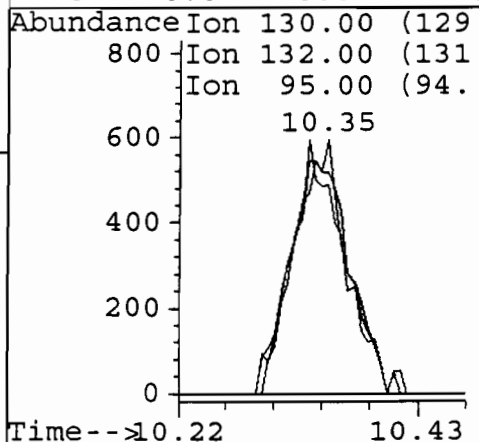
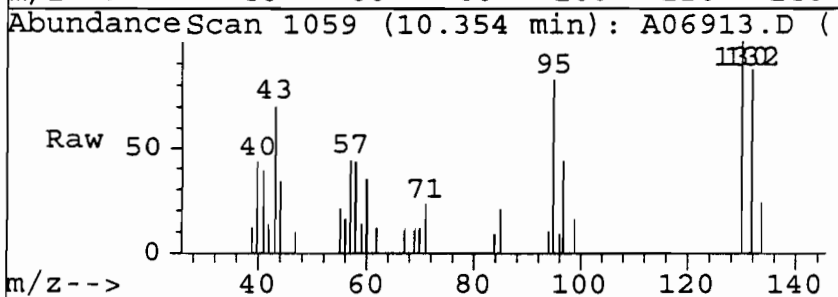
#22
1,1,1-Trichloroethane
Concen: 19.80 UG/L
RT: 9.31 min Scan# 883
Delta R.T. 0.01 min
Lab File: A06913.D
Acq: 1 Oct 95 12:10 pm

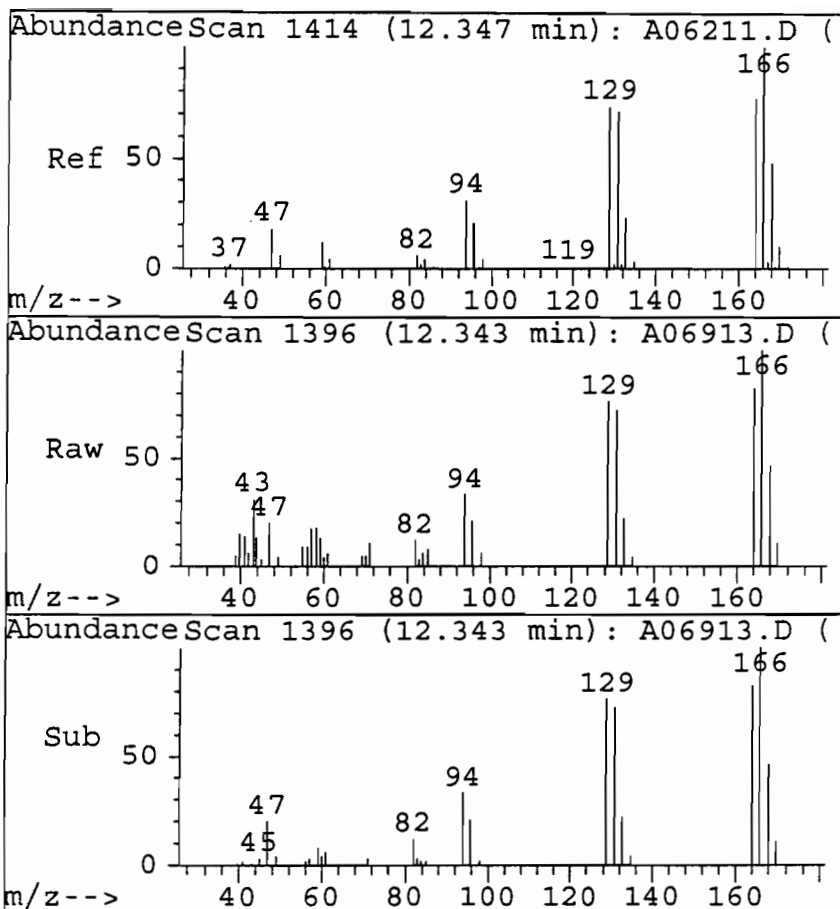
Tgt Ion:	97	Resp:	26591
Ion Ratio	100	Lower	Upper
99	67.9	45.9	85.9
61	47.2	27.6	67.6
0	0.0	0.0	0.0



#24
Trichloroethene
Concen: 1.66 UG/L
RT: 10.35 min Scan# 1059
Delta R.T. 0.01 min
Lab File: A06913.D
Acq: 1 Oct 95 12:10 pm

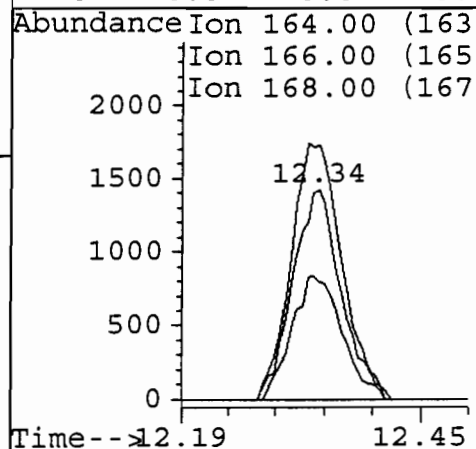
Tgt Ion:	130	Resp:	2018
Ion Ratio	100	Lower	Upper
132	97.9	76.7	116.7
95	95.7	66.8	106.8
0	0.0	0.0	0.0





#37
Tetrachloroethene
Concen: 5.82 UG/L
RT: 12.34 min Scan# 1396
Delta R.T. 0.01 min
Lab File: A06913.D
Acq: 1 Oct 95 12:10 pm

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	111.2	151.2
168	61.2	42.7	82.7
0	0.0	0.0	0.0



1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

540950
927A87318

Lab Name: H2M LABS, INC Contract: C003180

Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927

Matrix: (soil/water) WATER Lab Sample ID: 9527154

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06906.D

Level: (low/med) LOW Date Received: 09/28/95

% Moisture: not dec. _____ Date Analyzed: 10/01/95

GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950
927A87318

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527154
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06906.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 10/01/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
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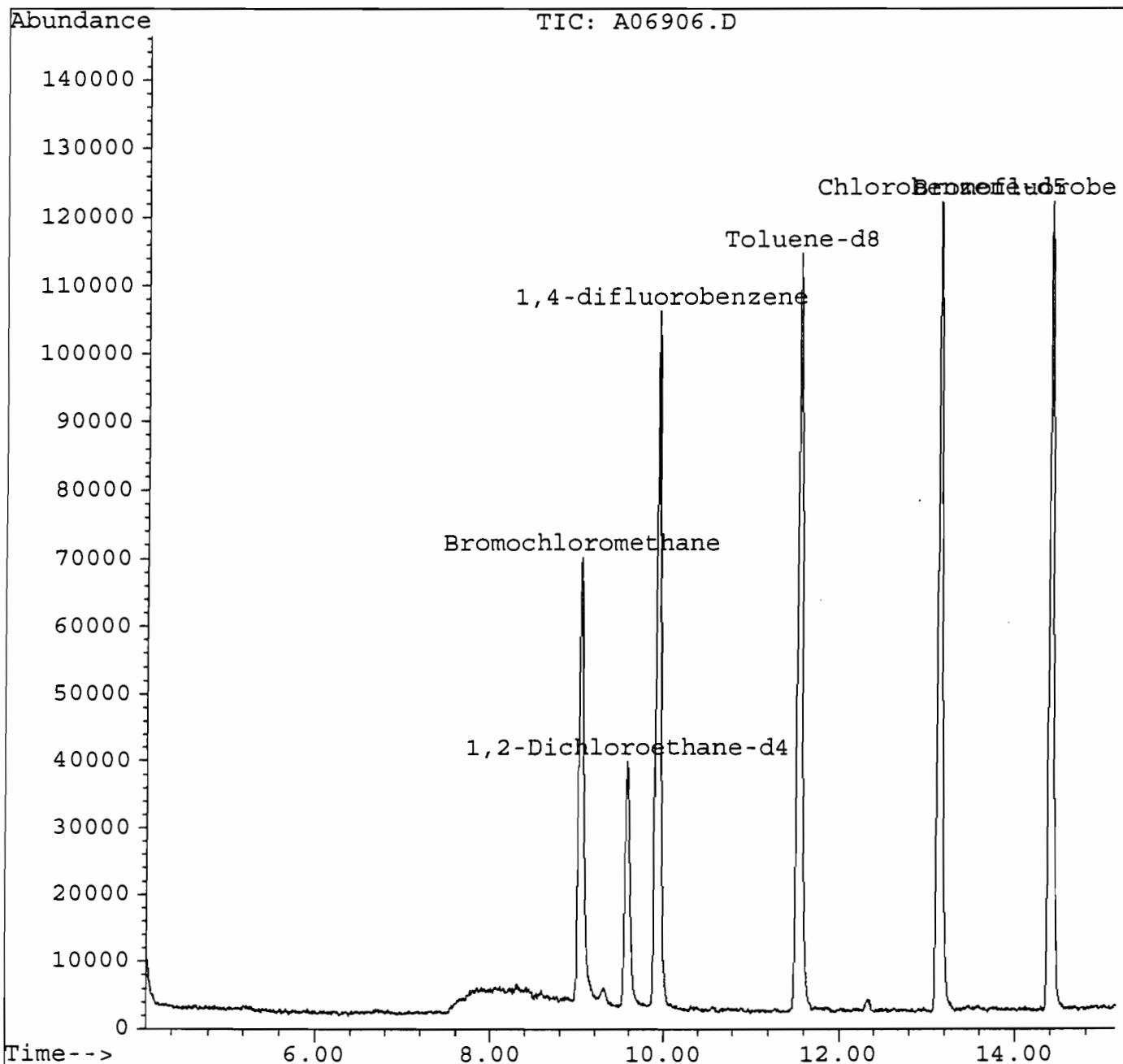
V 0183

Quantitation Report

Data File : S:\MS\MS2\OCT95\A06906.D
 Acq On : 1 Oct 95 3:04 am
 Sample : 9527154 SH0950927A873-18
 Misc : 9527154
 Quant Time: Oct 18 12:47 1995

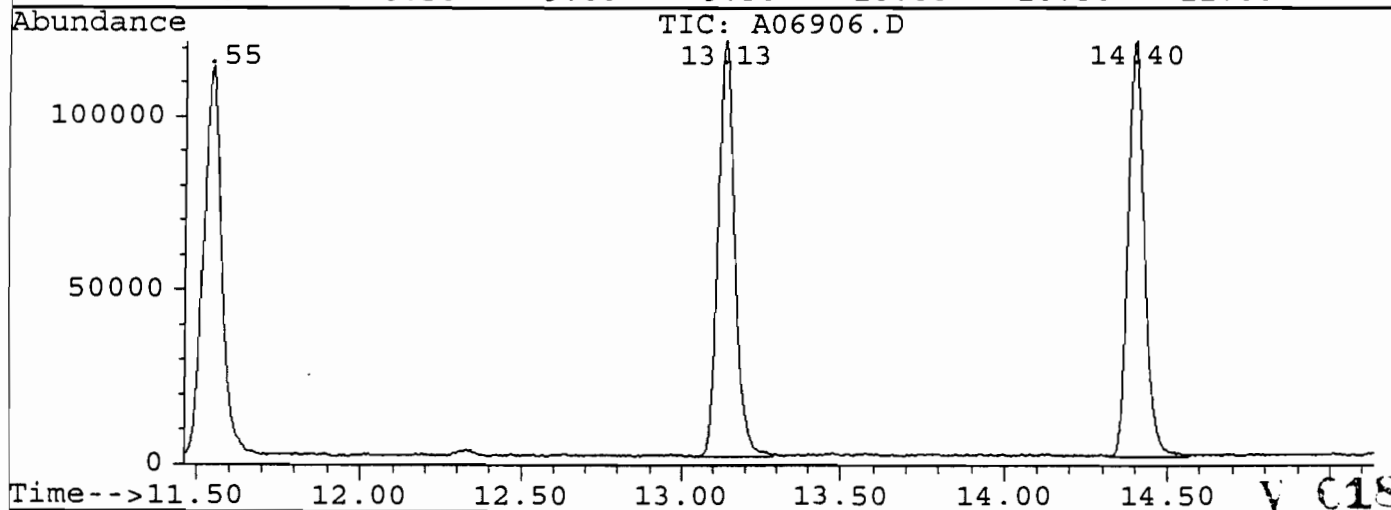
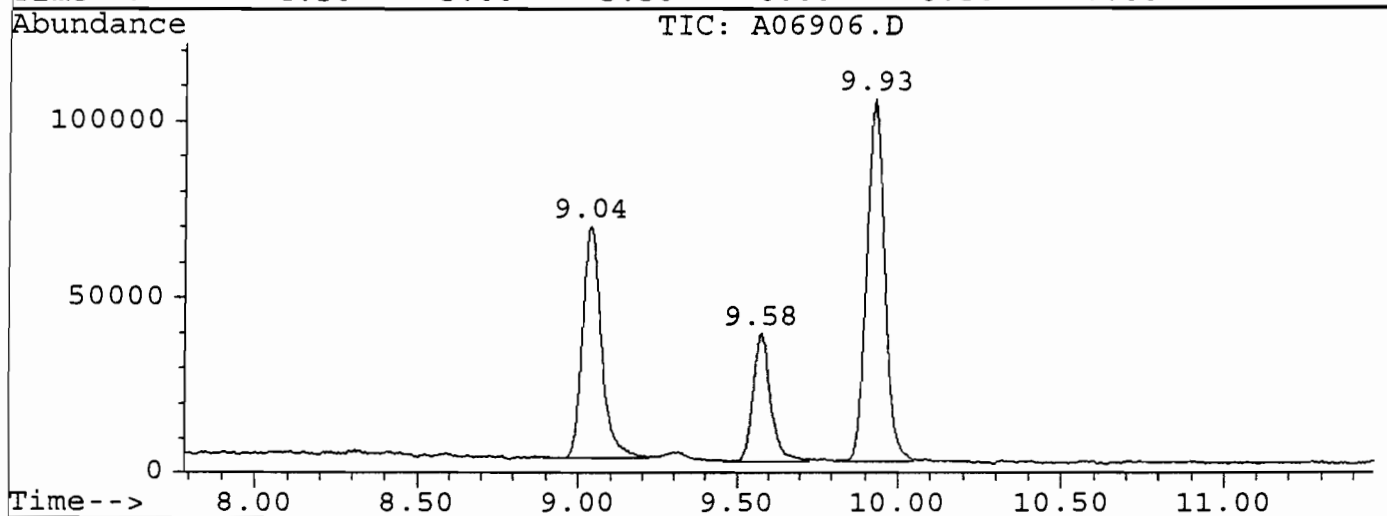
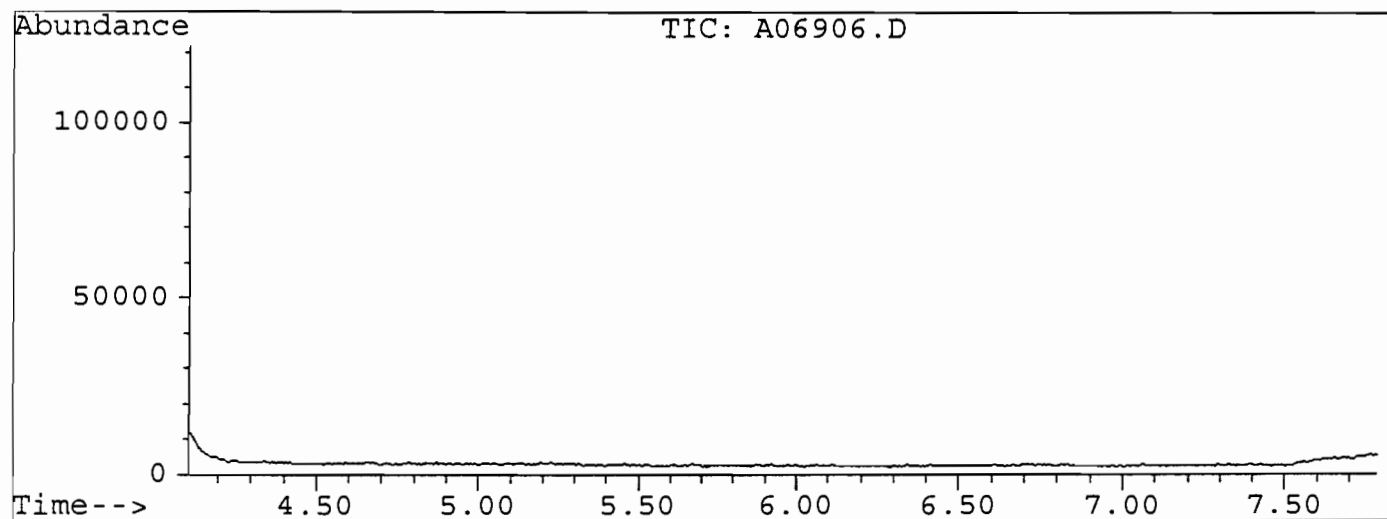
Vial: 21
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Wed Oct 11 14:44:19 1995
 Response via : Single Level Calibration



184

File : S:\MS\MS2\OCT95\A06906.D
Operator : MSD
Acquired : 1 Oct 95 3:04 am using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527154 SH0950927A873-18
Misc Info : 9527154
Vial Number: 21



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06906.D
 Acq On : 1 Oct 95 3:04
 Sample : 9527154 SHO950927A873-18
 Misc : 9527154
 Quant Time: Oct 18 12:47 1995

Vial: 21
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.04	128	42566	50.00	UG/L	0.01
21) 1,4-difluorobenzene	9.93	114	186661	50.00	UG/L	0.01
33) Chlorobenzene-d5	13.14	117	155410	50.00	UG/L	0.00
System Monitoring Compounds						%Recovery
18) 1,2-Dichloroethane-d4	9.58	65	42372	46.23	UG/L	
34) Toluene-d8	11.55	98	162173	50.41	UG/L	
43) Bromofluorobenzene	14.40	95	101579	45.76	UG/L	
Target Compounds						Qvalue
22) 1,1,1-Trichloroethane	9.31	97	3012m	2.29	UG/L	33

A06886

(#) = qualifier out of range (m) = manual integration

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06906.D
Acq On : 1 Oct 95 3:04 am
Sample : 9527154 SH0950927A873-18
Misc : 9527154

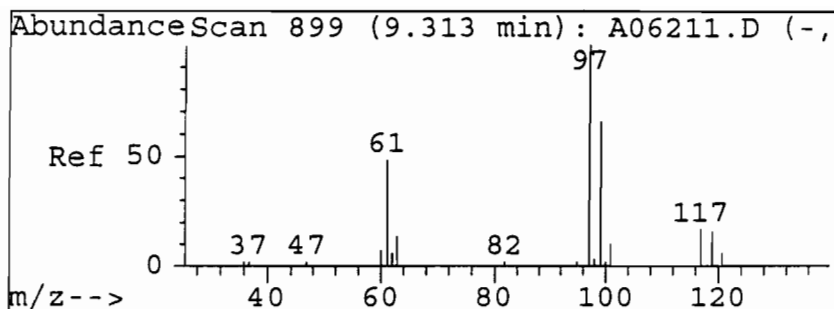
Vial: 21
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

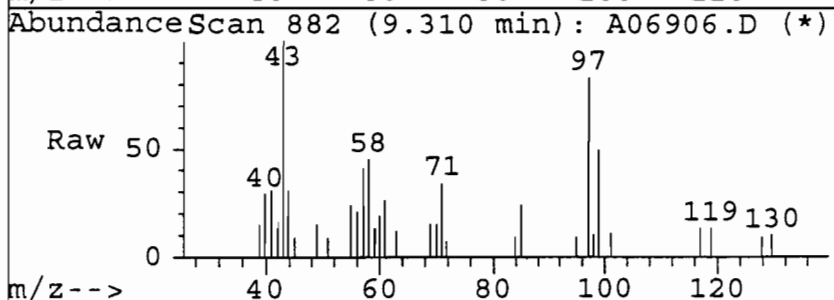
No Library Search Compounds Detected

V 0187

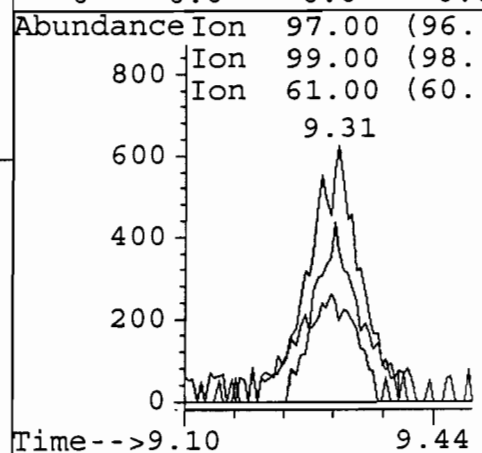
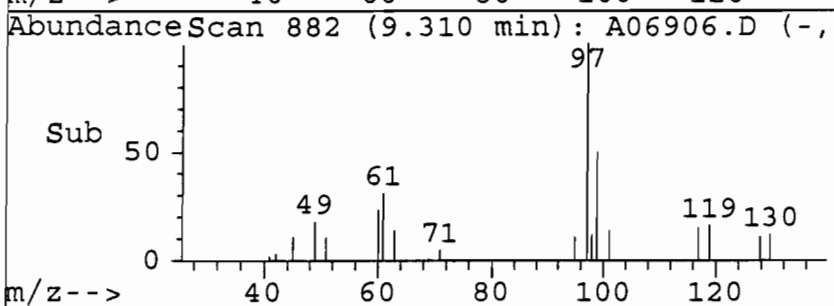
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.038	rBV	0.272	276284	8.949	9.221
2	9.575	rBV	0.248	146293	9.481	9.729
3	9.930	rBV	0.237	395842	9.812	10.048
4	11.547	rBV	0.272	431890	11.422	11.694
5	13.134	rBV	0.248	437973	13.039	13.288
6	14.403	rBV	0.243	422968	14.320	14.562



#22
 1,1,1-Trichloroethane
 Concen: 2.29 UG/L m
 RT: 9.31 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: A06906.D
 Acq: 1 Oct 95 3:04 am



Tgt Ion	Ratio	Lower	Upper
97	100		
99	58.6	45.9	85.9
61	31.4	27.6	67.6
0	0.0	0.0	0.0



1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950
927A87319

Lab Name: H2M LABS, INC Contract: C003180

Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927

Matrix: (soil/water) WATER Lab Sample ID: 9527155

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06907.D

Level: (low/med) LOW Date Received: 09/28/95

% Moisture: not dec. _____ Date Analyzed: 10/01/95

GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950-
927A87319

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527155
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06907.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 10/01/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
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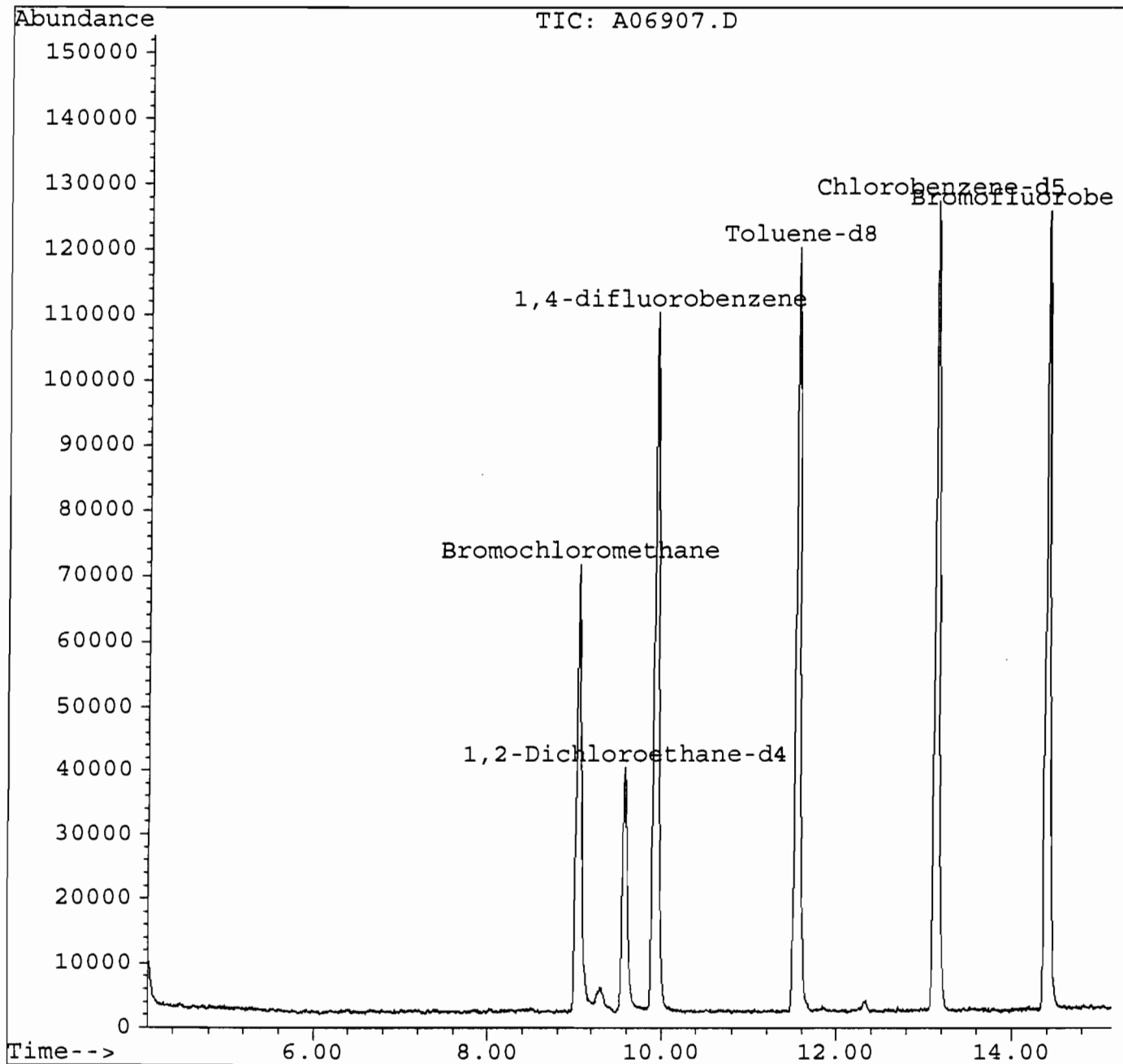
V C191

Quantitation Report

Data File : S:\MS\MS2\OCT95\A06907.D
Acq On : 1 Oct 95 3:25 am
Sample : 9527155 SHO950927A873-19
Misc : 9527155
Quant Time: Oct 6 12:53 1995

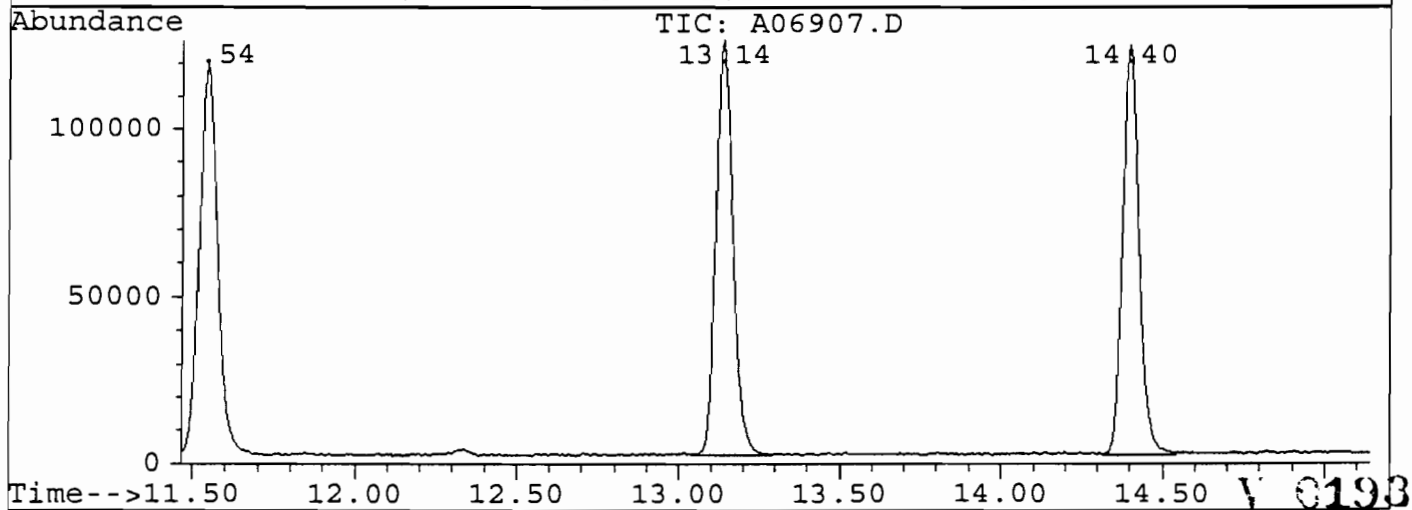
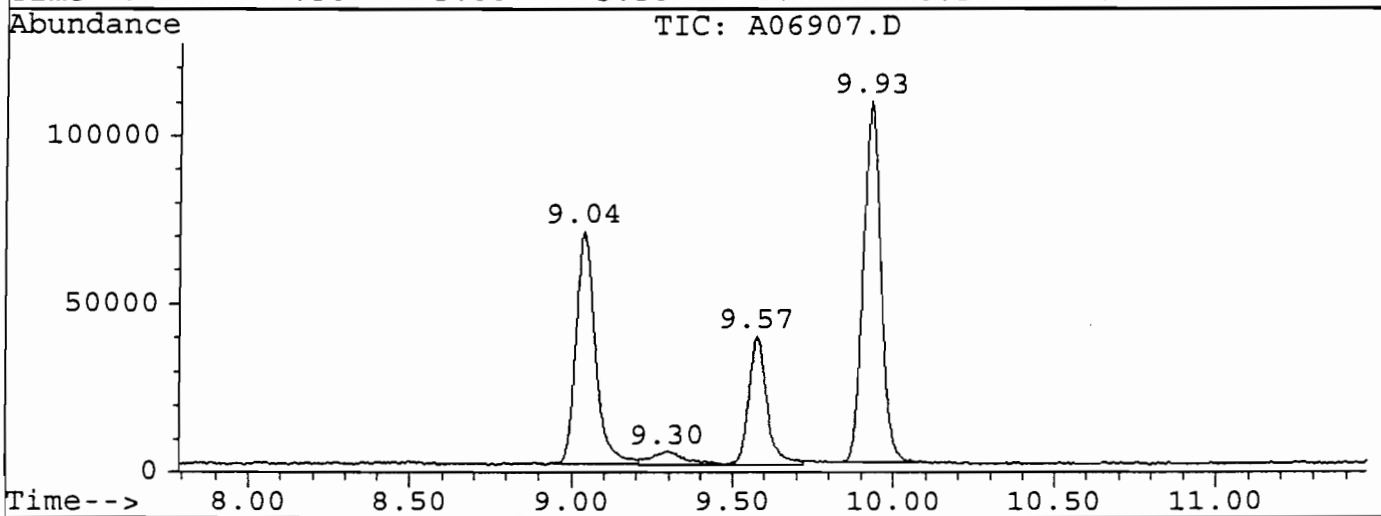
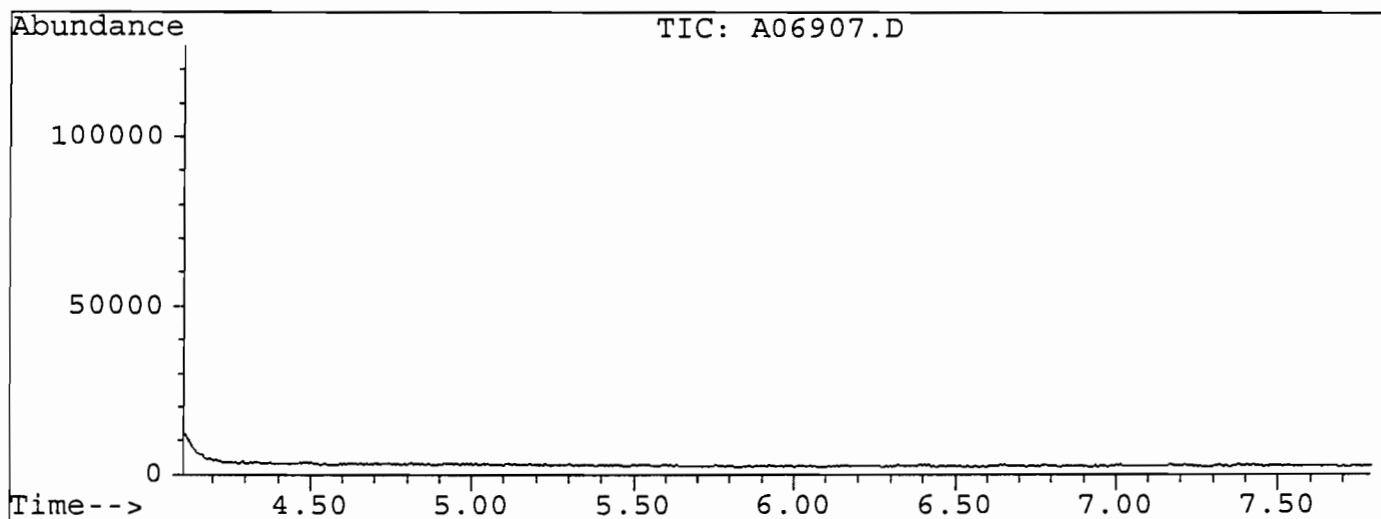
Vial: 22
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V C192

File : S:\MS\MS2\OCT95\A06907.D
Operator : MSD
Acquired : 1 Oct 95 3:25 am using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527155 SH0950927A873-19
Misc Info : 9527155
Vial Number: 22



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06907.D
 Acq On : 1 Oct 95 3:25
 Sample : 9527155 SH0950927A873-19
 Misc : 9527155
 Quant Time: Oct 6 12:53 1995

Vial: 22
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	9.04	128	43960	50.00	UG/L	0.00
21) 1,4-difluorobenzene	9.93	114	194795	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.14	117	160156	50.00	UG/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	%Recovery
18) 1,2-Dichloroethane-d4	9.57	65	43826	46.30	UG/L	
34) Toluene-d8	11.54	98	167842	50.63	UG/L	
43) Bromofluorobenzene	14.40	95	105219	46.00	UG/L	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) 1,1,1-Trichloroethane	9.30	97	5813	4.23	UG/L	98

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06907.D
Acq On : 1 Oct 95 3:25 am
Sample : 9527155 SHO950927A873-19
Misc : 9527155

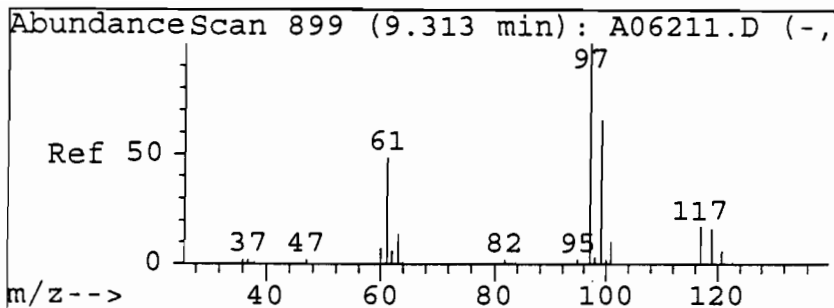
Vial: 22
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

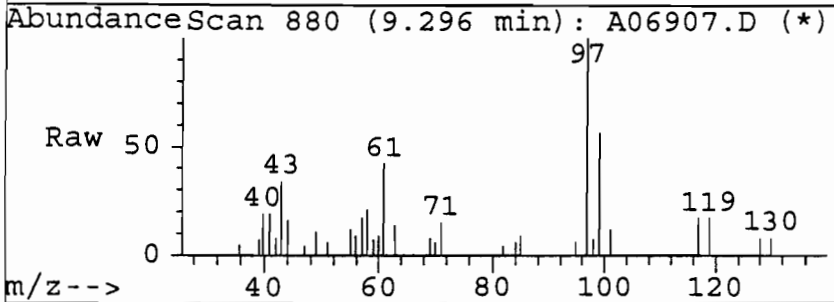
No Library Search Compounds Detected

V C195

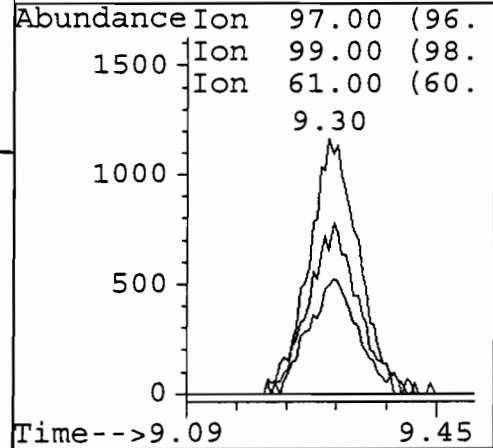
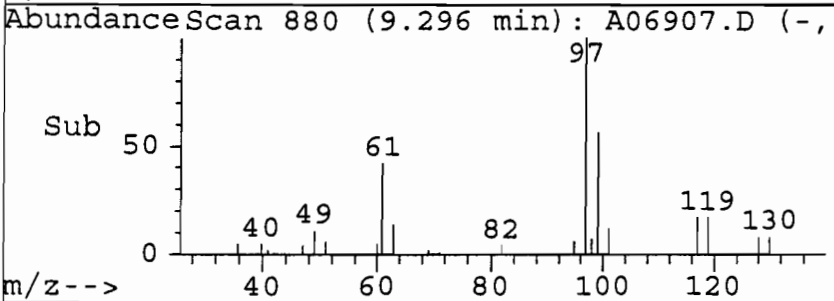
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.036	rBV	0.260	286368	8.947	9.207
2	9.296	rVB	0.260	28702	9.207	9.467
3	9.573	rBV	0.242	153271	9.479	9.721
4	9.928	rBV	0.237	411203	9.833	10.070
5	11.544	rVB	0.266	447725	11.449	11.715
6	13.137	rVB	0.254	446816	13.036	13.291
7	14.400	rBV	0.225	437528	14.317	14.542



#22
 1,1,1-Trichloroethane
 Concen: 4.23 UG/L
 RT: 9.30 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: A06907.D
 Acq: 1 Oct 95 3:25 am



Tgt Ion:	97	Resp:	5813
Ion	Ratio	Lower	Upper
97	100		
99	67.1	45.9	85.9
61	45.1	27.6	67.6
0	0.0	0.0	0.0



1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH 0950-
927A87350

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Matrix: (soil/water) WATER Lab Sample ID: 9527337
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06988.D
 Level: (low/med) LOW Date Received: 09/29/95
 % Moisture: not dec. _____ Date Analyzed: 10/04/95
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

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

V C198

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950
927A87350

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527337
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06988.D
Level: (low/med) LOW Date Received: 09/29/95
% Moisture: not dec. _____ Date Analyzed: 10/04/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

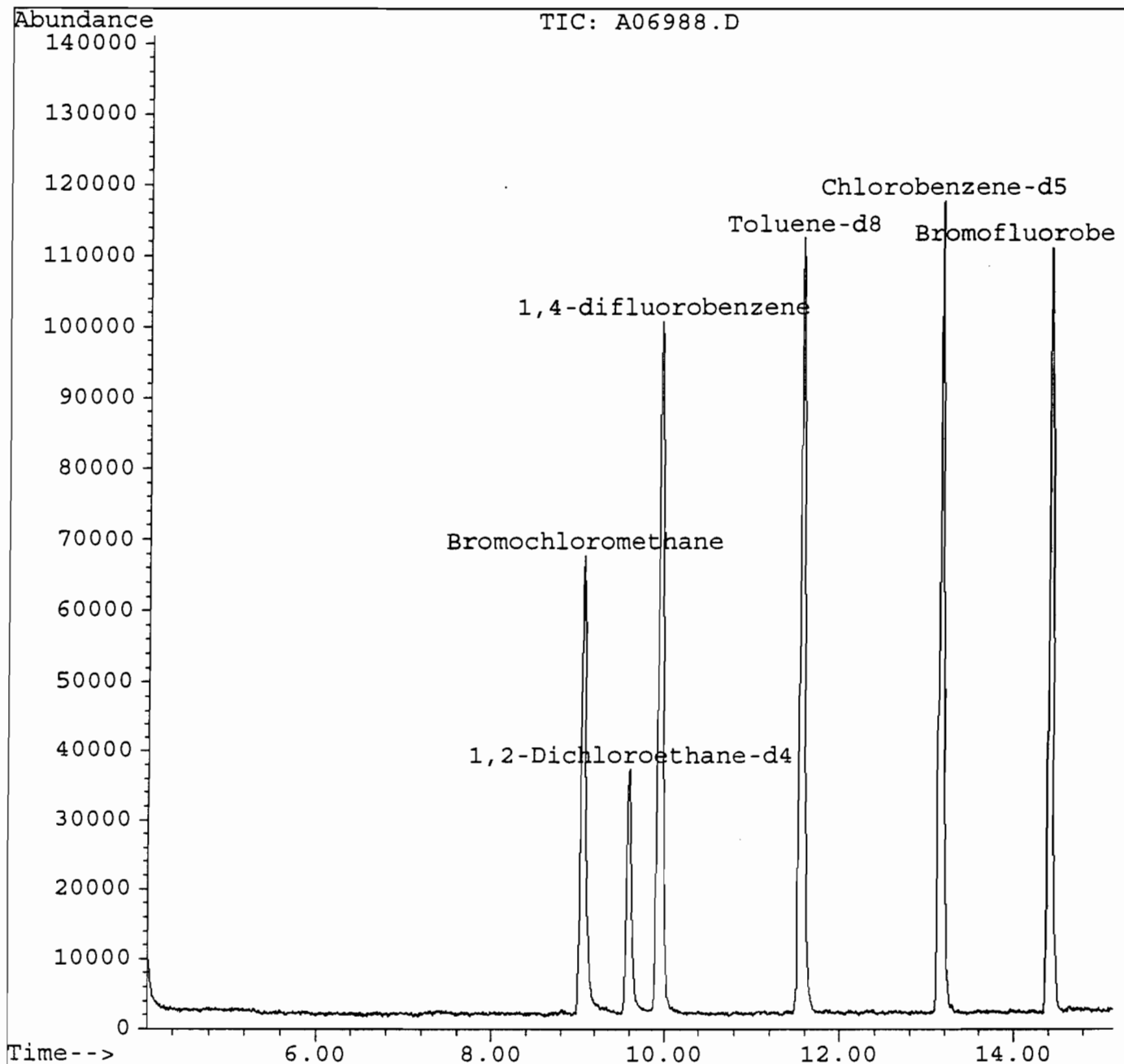
CAS NO.	COMPOUND	RT	EST. CONC.	Q
---------	----------	----	------------	---

Quantitation Report

Data File : S:\MS\MS2\OCT95\A06988.D
Acq On : 4 Oct 95 7:27 pm
Sample : 9527337, SHO950927A873-50
Misc : 5ML
Quant Time: Oct 11 15:06 1995

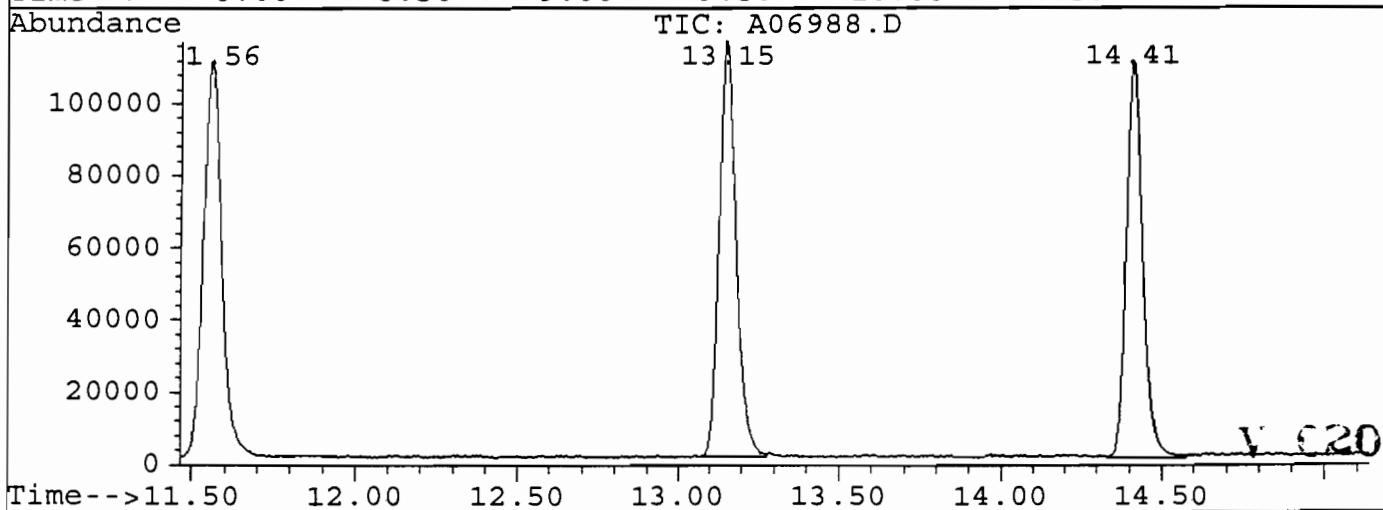
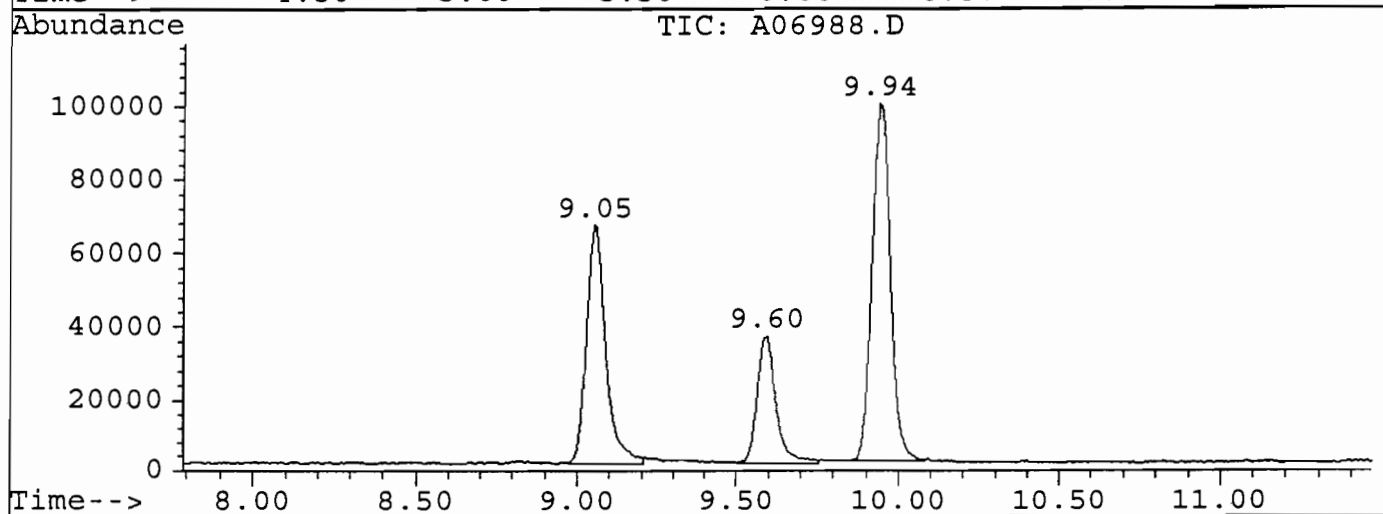
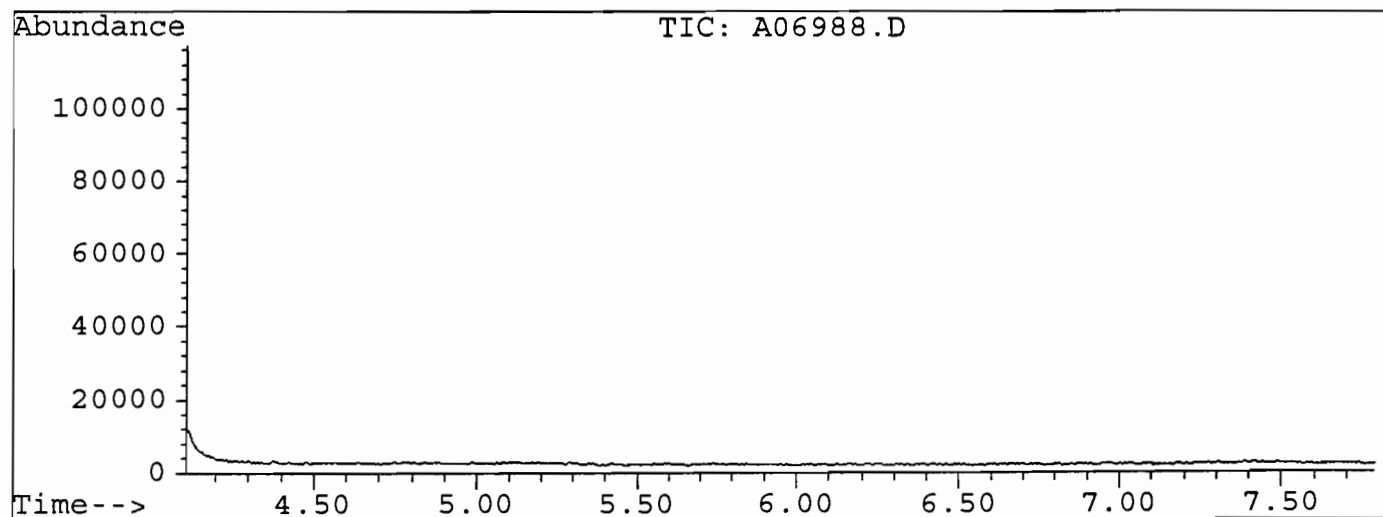
Vial: 18
Operator: JOHN
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V C200

File : S:\MS\MS2\OCT95\A06988.D
Operator : JOHN
Acquired : 4 Oct 95 7:27 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527337, SHO950927A873-50
Misc Info : 5ML
Vial Number: 18



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06988.D
 Acq On : 4 Oct 95 19:27
 Sample : 9527337, SHO950927A873-50
 Misc : 5ML
 Quant Time: Oct 11 15:06 1995

Vial: 18
 Operator: JOHN
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Wed Oct 11 14:44:19 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06968.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.05	128	41610	50.00	UG/L	0.00
21) 1,4-difluorobenzene	9.94	114	184305	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.15	117	152291	50.00	UG/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	%Recovery
18) 1,2-Dichloroethane-d4	9.59	65	42383	50.11	UG/L	
34) Toluene-d8	11.56	98	159947	50.39	UG/L	
43) Bromofluorobenzene	14.42	95	94866	44.15	UG/L	

Target Compounds Qvalue

V C202

(#) = qualifier out of range (m) = manual integration

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06988.D
Acq On : 4 Oct 95 7:27 pm
Sample : 9527337, SHO950927A873-50
Misc : 5ML

Vial: 18
Operator: JOHN
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

V C203

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.053	rBV	0.231	273281	8.976	9.206
2	9.596	rBV	0.254	145526	9.501	9.755
3	9.939	rBV	0.254	388670	9.826	10.081
4	11.561	rBV	0.266	428144	11.460	11.726
5	13.154	rBV	0.207	427520	13.071	13.278
6	14.410	rBV	0.243	392285	14.333	14.576

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950
927A87351

Lab Name: H2M LABS, INC Contract: C003180

Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927

Matrix: (soil/water) WATER Lab Sample ID: 9527338

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06989.D

Level: (low/med) LOW Date Received: 09/29/95

% Moisture: not dec. _____ Date Analyzed: 10/04/95

GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

V C205

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950
927A87351

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527338
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06989.D
Level: (low/med) LOW Date Received: 09/29/95
% Moisture: not dec. _____ Date Analyzed: 10/04/95
GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
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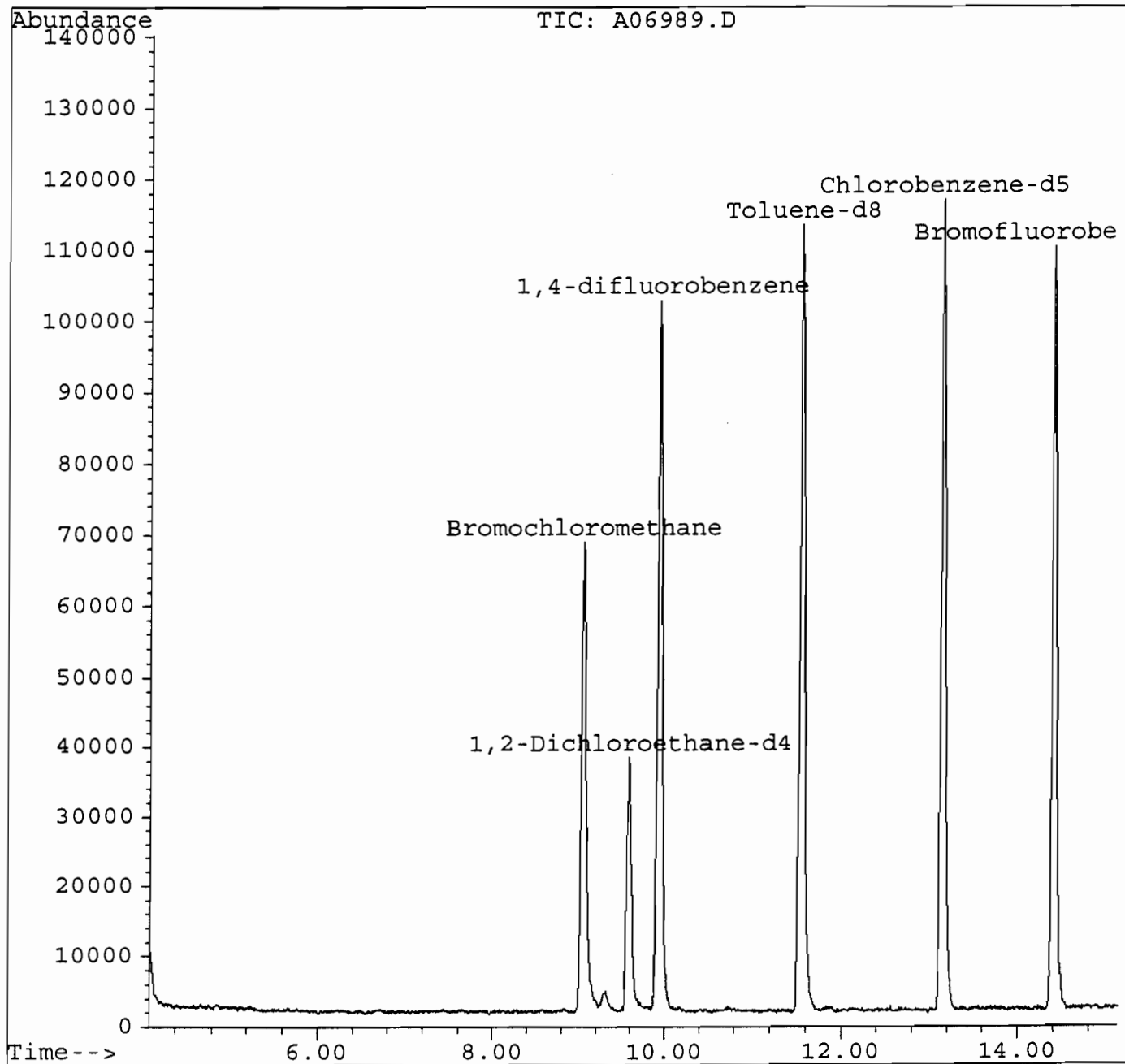
V C206

Quantitation Report

Data File : S:\MS\MS2\OCT95\A06989.D
Acq On : 4 Oct 95 7:48 pm
Sample : 9527338, SHO950927A873-51
Misc : 5ML
Quant Time: Oct 18 12:56 1995

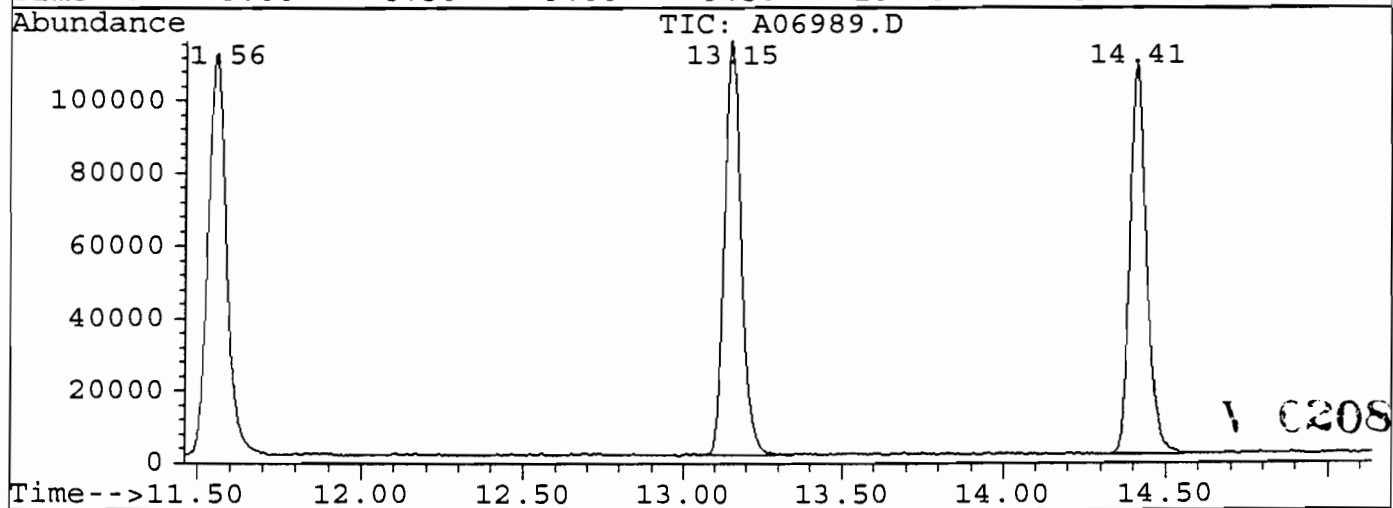
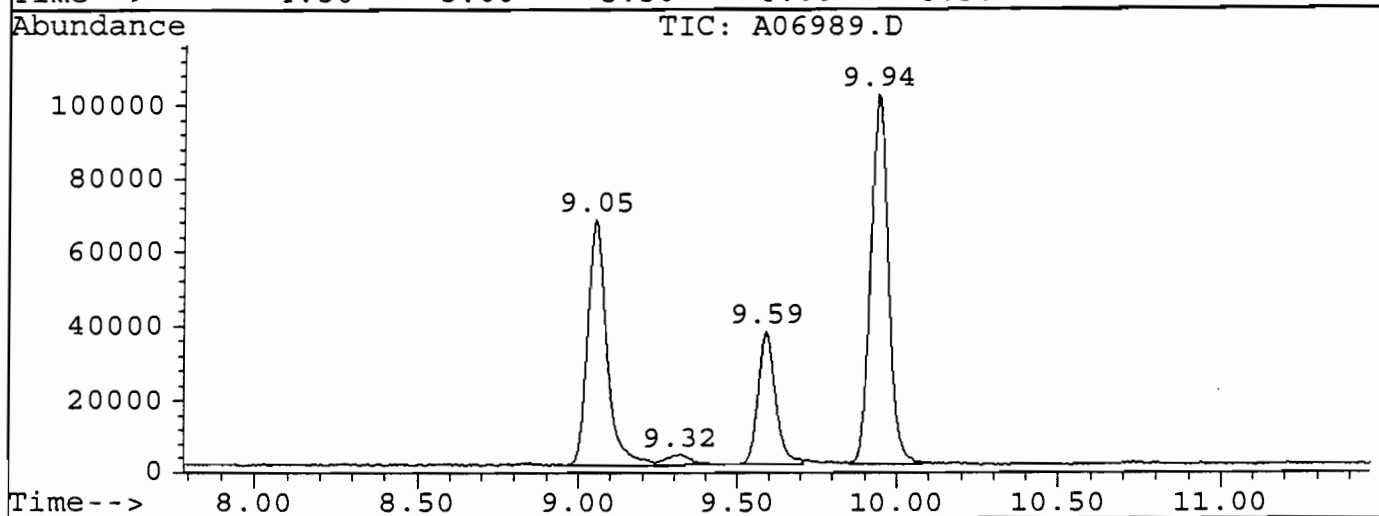
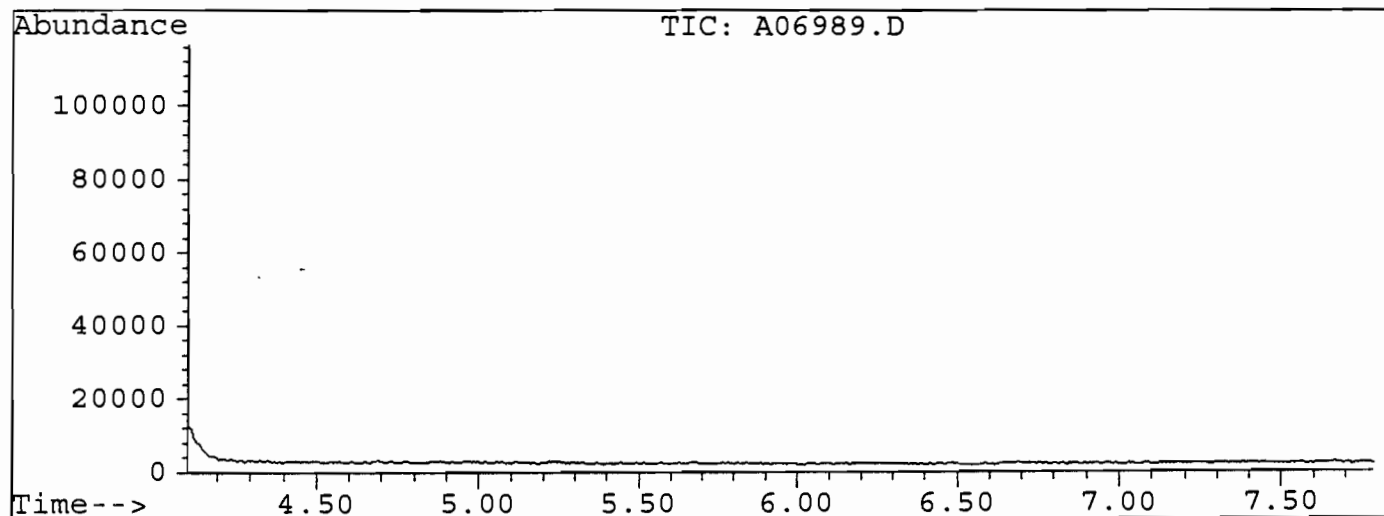
Vial: 19
Operator: JOHN
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V C207

File : S:\MS\MS2\OCT95\A06989.D
Operator : JOHN
Acquired : 4 Oct 95 7:48 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527338, SHO950927A873-51
Misc Info : 5ML
Vial Number: 19



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06989.D
 Acq On : 4 Oct 95 19:48
 Sample : 9527338, SHO950927A873-51
 Misc : 5ML
 Quant Time: Oct 18 12:56 1995

Vial: 19
 Operator: JOHN
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Wed Oct 11 14:44:19 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06968.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.05	128	42785	50.00	UG/L	0.00
21) 1,4-difluorobenzene	9.94	114	185868	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.15	117	151500	50.00	UG/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	%Recovery
18) 1,2-Dichloroethane-d4	9.59	65	42557	48.93	UG/L	
34) Toluene-d8	11.55	98	160584	50.85	UG/L	
43) Bromofluorobenzene	14.42	95	93606	43.79	UG/L	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) 1,1,1-Trichloroethane	9.32	97	3592m	2.67	UG/L	22

Sw
10/18/95

10209

(#) = qualifier out of range (m) = manual integration

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06989.D
Acq On : 4 Oct 95 7:48 pm
Sample : 9527338, SHO950927A873-51
Misc : 5ML

Vial: 19
Operator: JOHN
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

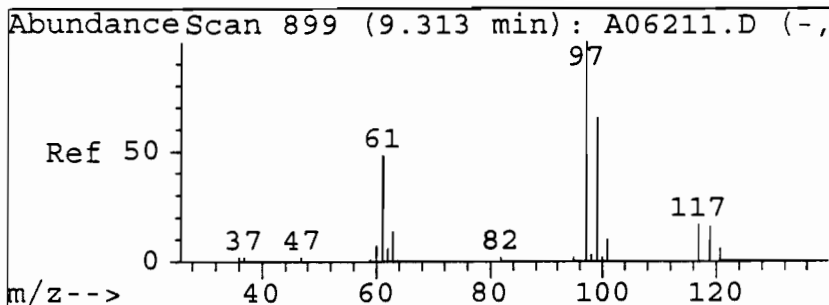
V 0210

IC: A06989.D

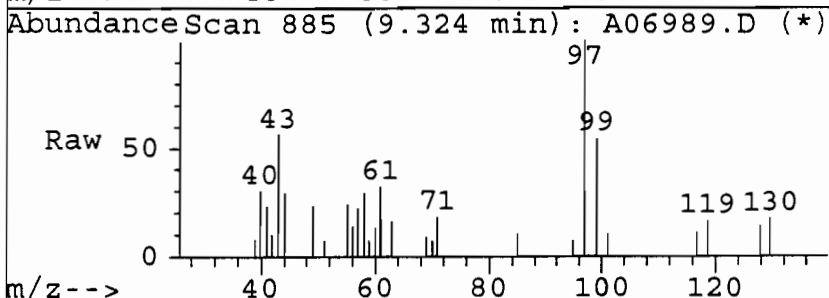
9527338, SHO950927A873-51

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.052	rBV	0.278	280590	8.958	9.236
2	9.318	rVB	0.195	15000	9.236	9.430
3	9.590	rBV	0.224	142820	9.484	9.708
4	9.938	rBV	0.231	393900	9.850	10.080
5	11.560	rBV	0.278	434102	11.448	11.726
6	13.153	rBV	0.254	424542	13.047	13.301
7	14.411	rBV	0.243	386957	14.311	14.554

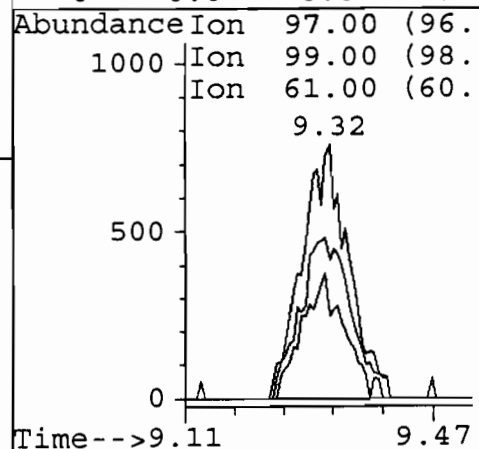
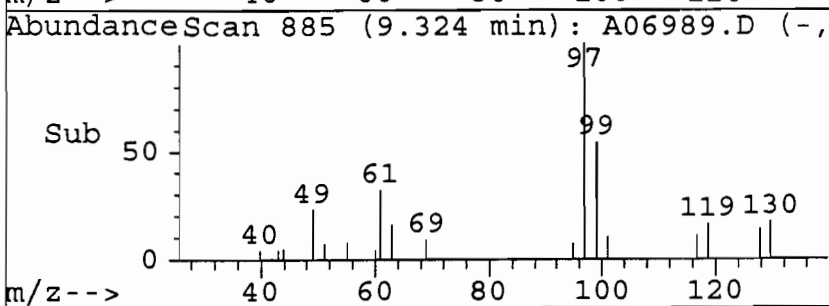
V C211



#22
 1,1,1-Trichloroethane
 Concen: 2.67 UG/L m
 RT: 9.32 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: A06989.D
 Acq: 4 Oct 95 7:48 pm



Tgt Ion:97 Resp: 3592
 Ion Ratio Lower Upper
 97 100
 99 54.1 45.9 85.9
 61 32.5 27.6 67.6
 0 0.0 0.0 0.0



1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950
927A87352

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Matrix: (soil/water) WATER Lab Sample ID: 9527339, SHO
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06990.D
 Level: (low/med) LOW Date Received: 09/29/95
 % Moisture: not dec. _____ Date Analyzed: 10/04/95
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane	10	U	
75-01-4	Vinyl Chloride	10	U	
74-83-9	Bromomethane	10	U	
75-00-3	Chloroethane	10	U	
75-35-4	1,1-Dichloroethene	10	U	
75-15-0	Carbon Disulfide	10	U	
67-64-1	Acetone	10	U	
75-09-2	Methylene Chloride	10	U	
540-59-0	1,2-Dichloroethene (total)	1	J	
75-34-4	1,1-Dichloroethane	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	4	J	
56-23-5	Carbon Tetrachloride	10	U	
79-01-6	Trichloroethene	51		
71-43-2	Benzene	10	U	
78-87-5	1,2-Dichloropropane	10	U	
75-27-4	Bromodichloromethane	10	U	
10061-01-5	cis-1,3-Dichloropropene	10	U	
10061-02-6	trans-1,3-Dichloropropene	10	U	
79-00-5	1,1,2-Trichloroethane	10	U	
124-48-1	Dibromochloromethane	10	U	
75-25-2	Bromoform	10	U	
108-10-1	4-Methyl-2-Pentanone	10	U	
108-88-3	Toluene	10	U	
127-18-4	Tetrachloroethene	39		
591-78-6	2-Hexanone	10	U	
108-90-7	Chlorobenzene	10	U	
100-41-4	Ethylbenzene	10	U	
1330-20-7	Xylene (total)	10	U	
100-42-5	Styrene	10	U	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950
927A87352

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527339, SHO
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06990.D
Level: (low/med) LOW Date Received: 09/29/95
% Moisture: not dec. _____ Date Analyzed: 10/04/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
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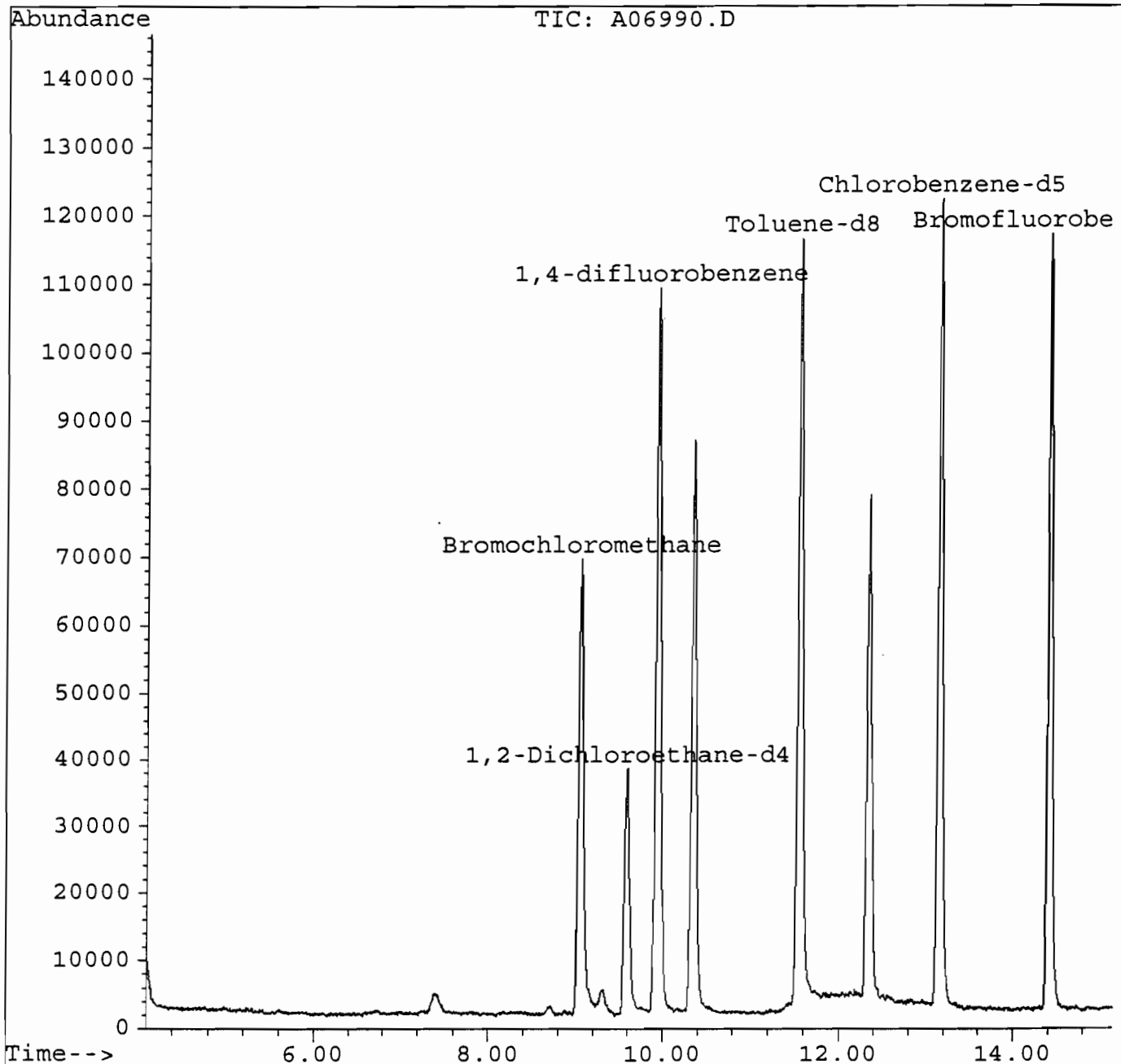
V C214

Quantitation Report

Data File : S:\MS\MS2\OCT95\A06990.D
Acq On : 4 Oct 95 8:08 pm
Sample : 9527339, SH0950927A873-52
Misc : 5ML
Quant Time: Oct 18 12:57 1995

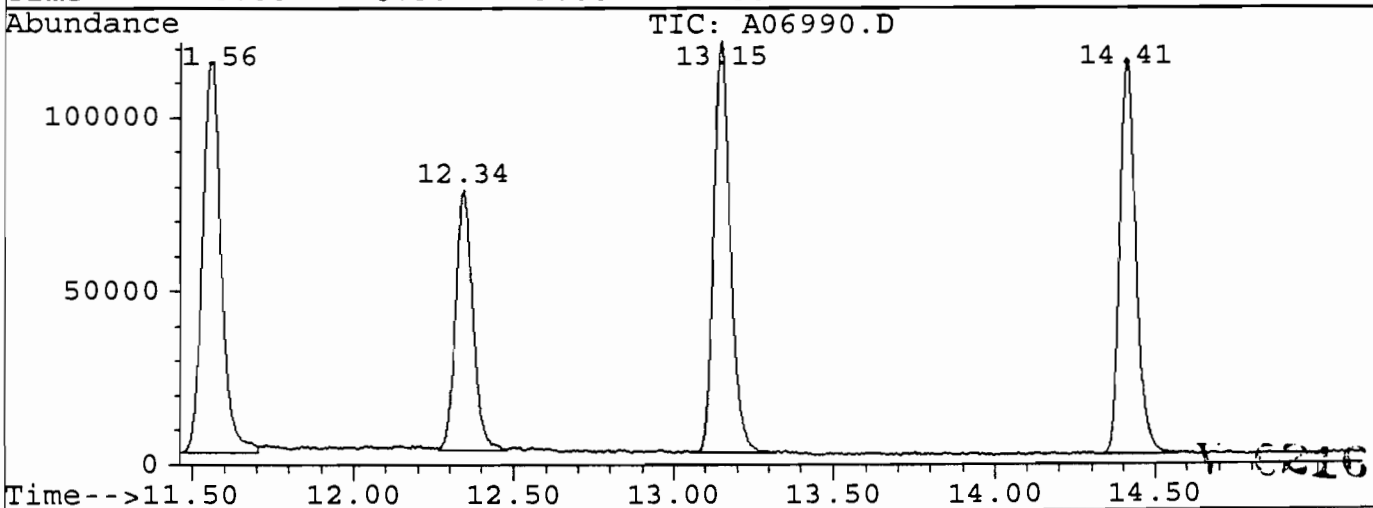
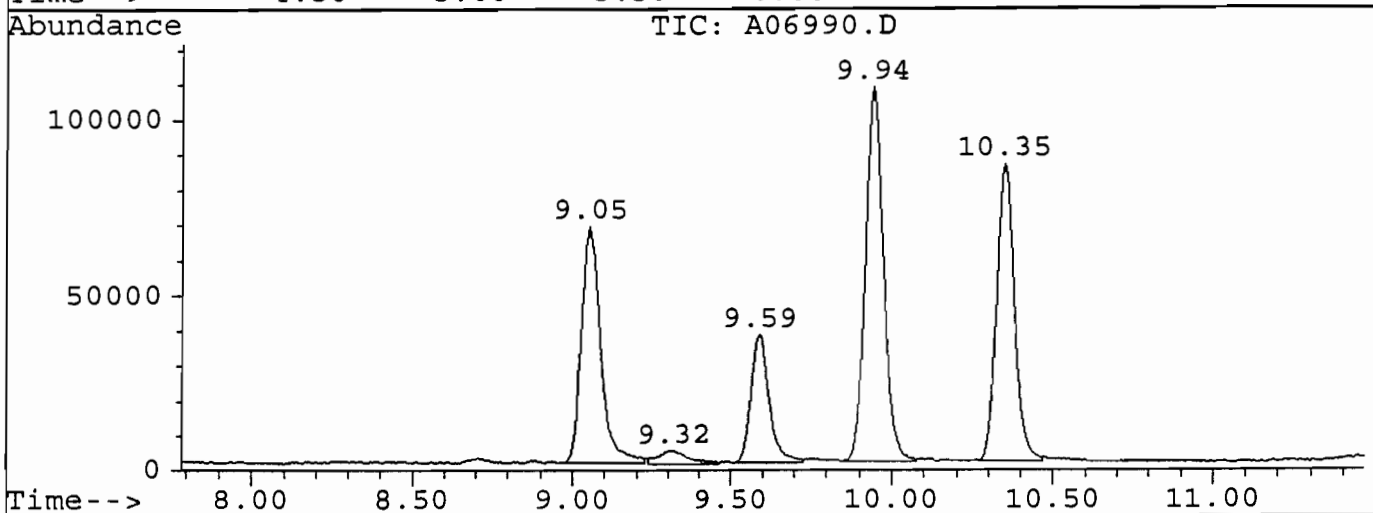
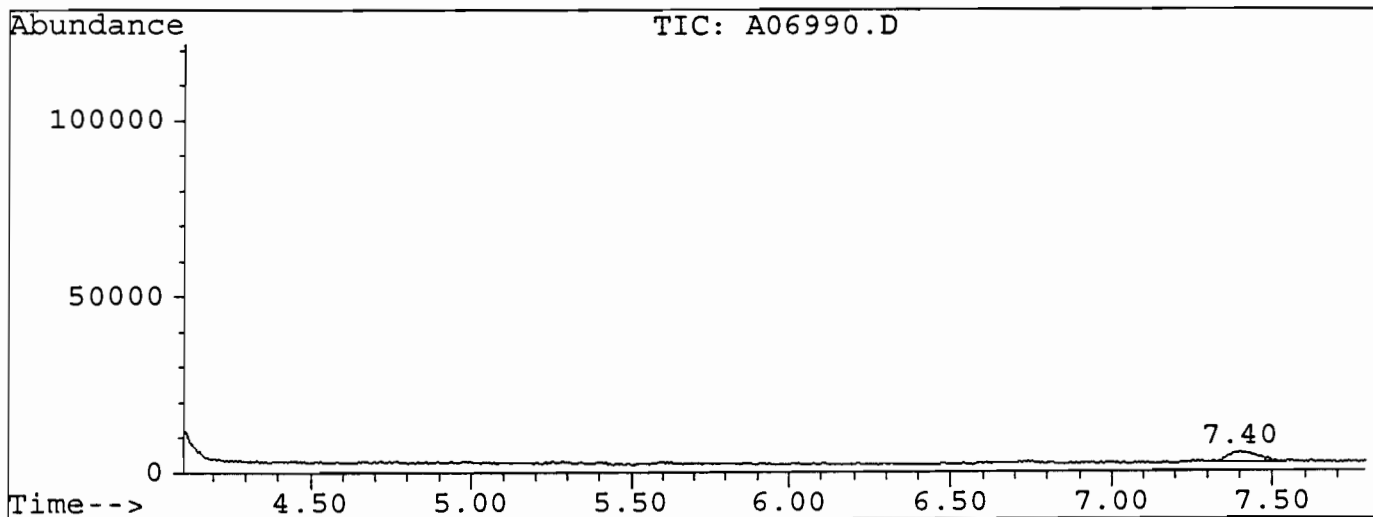
Vial: 20
Operator: JOHN
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V 0215

File : S:\MS\MS2\OCT95\A06990.D
Operator : JOHN
Acquired : 4 Oct 95 8:08 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527339, SHO950927A873-52
Misc Info : 5ML
Vial Number: 20



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06990.D
 Acq On : 4 Oct 95 20:08
 Sample : 9527339, SHO950927A873-52
 Misc : 5ML
 Quant Time: Oct 18 12:57 1995

Vial: 20
 Operator: JOHN
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Wed Oct 11 14:44:19 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06968.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.05	128	43173	50.00	UG/L	0.00
21) 1,4-difluorobenzene	9.94	114	189435	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.15	117	155473	50.00	UG/L	0.00
System Monitoring Compounds						%Recovery
18) 1,2-Dichloroethane-d4	9.59	65	43049	49.05	UG/L	
34) Toluene-d8	11.56	98	164014	50.61	UG/L	
43) Bromofluorobenzene	14.41	95	98926	45.10	UG/L	
Target Compounds						Qvalue
14) cis-1,2-Dichloroethene	8.69	96	1280	1.21	UG/L	93
15) 1,2-Dichloroethene (total)	8.69	96	1280	1.28	UG/L	93
22) 1,1,1-Trichloroethane	9.31	97	5227	3.81	UG/L	98
24) Trichloroethene	10.35	130	67650	51.13	UG/L	100
37) Tetrachloroethene	12.34	164	39731	38.90	UG/L	100

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06990.D
Acq On : 4 Oct 95 8:08 pm
Sample : 9527339, SHO950927A873-52
Misc : 5ML

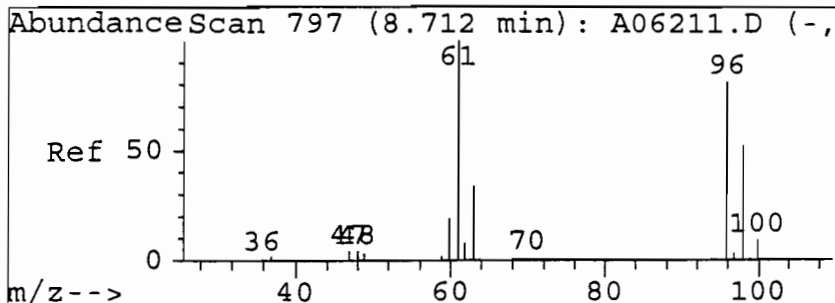
Vial: 20
Operator: JOHN
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

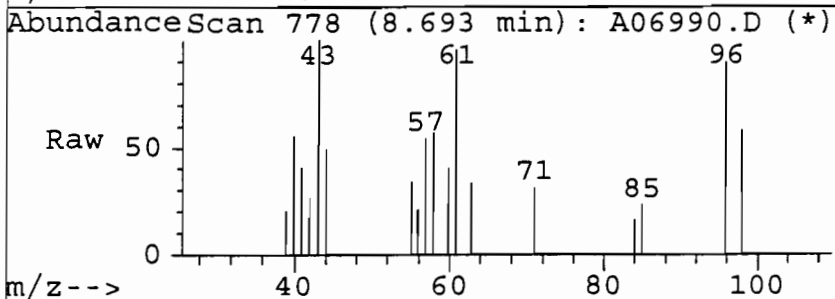
V 0218

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	7.402	rBV	0.230	18181	7.296	7.526
2	9.053	rBV	0.260	282399	8.965	9.225
3	9.319	rVB	0.224	25699	9.237	9.461
4	9.591	rBV	0.224	148710	9.502	9.727
5	9.939	rBV	0.225	420610	9.851	10.076
6	10.347	rBV	0.195	326265	10.270	10.465
7	11.557	rBV	0.237	443366	11.468	11.705
8	12.343	rVB	0.213	279603	12.266	12.479
9	13.152	rBV	0.249	434393	13.057	13.306
10	14.409	rBV	0.237	406867	14.332	14.569

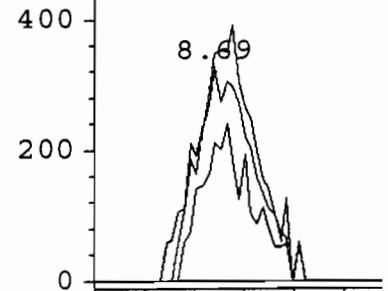


#14
 cis-1,2-Dichloroethene
 Concen: 1.21 UG/L
 RT: 8.69 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: A06990.D
 Acq: 4 Oct 95 8:08 pm

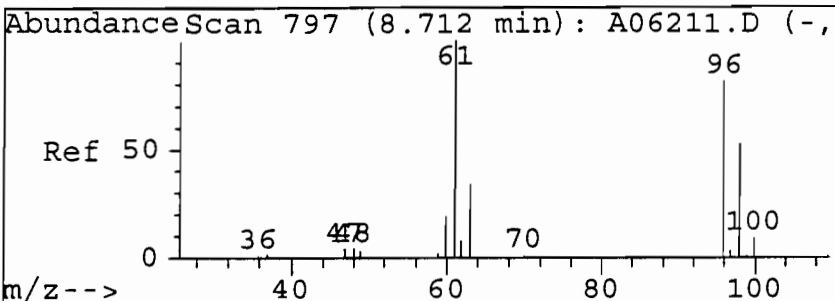
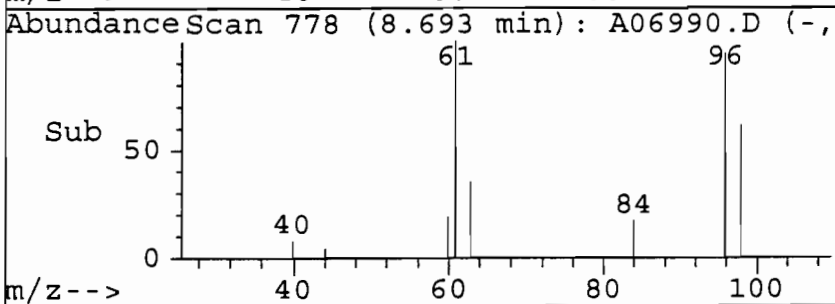
Tgt Ion:95.85 Resp: 1280
 Ion Ratio Lower Upper
 96 100
 98 63.4 46.4 86.4
 61 120.9 110.7 150.7
 0 0.0 0.0 0.0



AbundanceIon 95.85 (95.
 Ion 97.85 (97.
 Ion 60.85 (60.

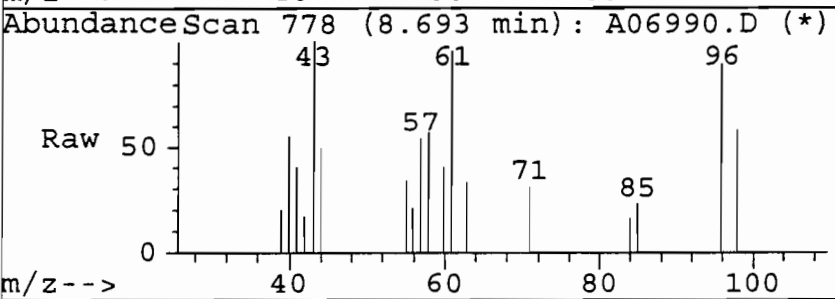


Time-->8.58 8.82

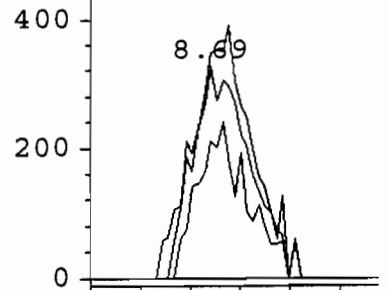


#15
 1,2-Dichloroethene (total)
 Concen: 1.28 UG/L
 RT: 8.69 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: A06990.D
 Acq: 4 Oct 95 8:08 pm

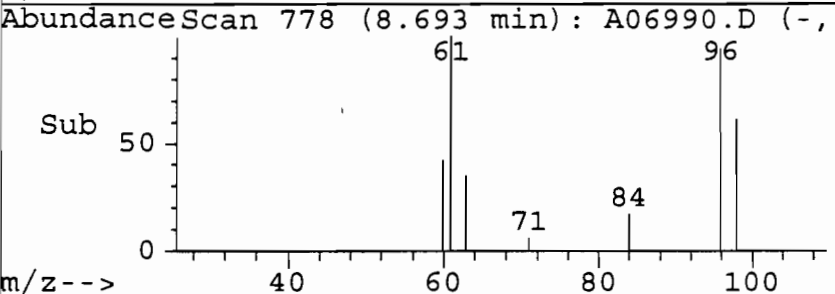
Tgt Ion:96 Resp: 1280
 Ion Ratio Lower Upper
 96 100
 61 120.9 110.3 150.3
 98 63.4 46.6 86.6
 0 0.0 0.0 0.0



AbundanceIon 96.00 (95.
 Ion 61.00 (60.
 Ion 98.00 (97.



Time-->8.58 8.82



Sample Name: 9527339, SHO950927A873-52

Misc. Info: 5ML

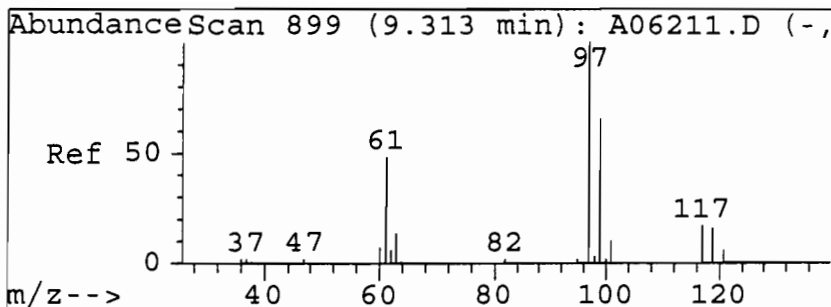
A06990.D VEPWA.M

Wed Oct 18 13:23:06 1995

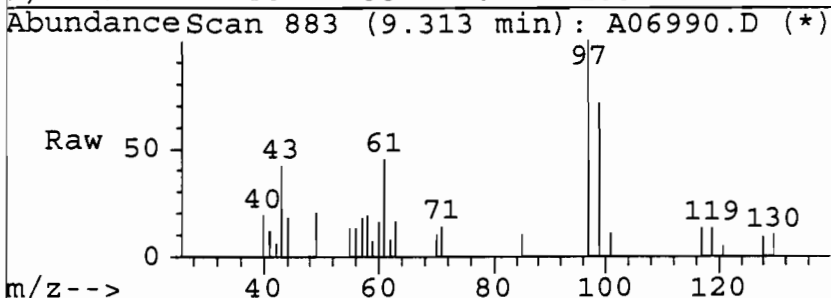
H2M

V C220

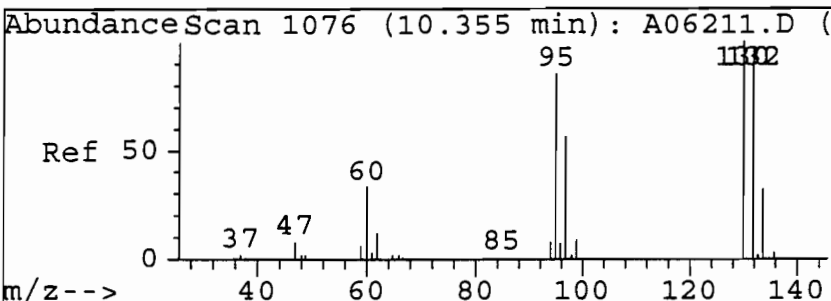
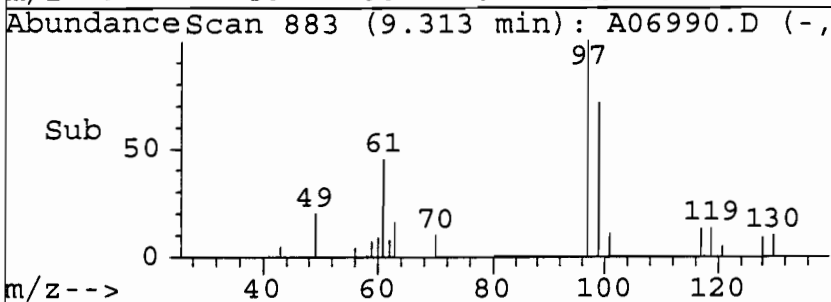
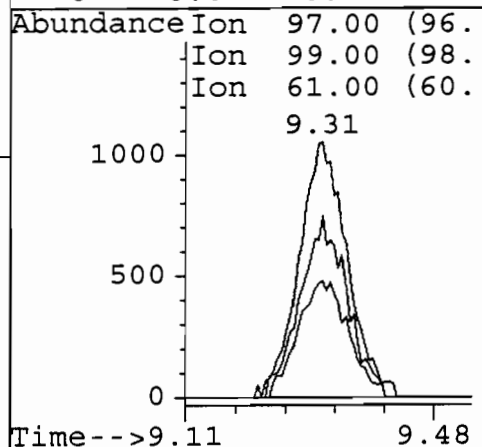
Page 3



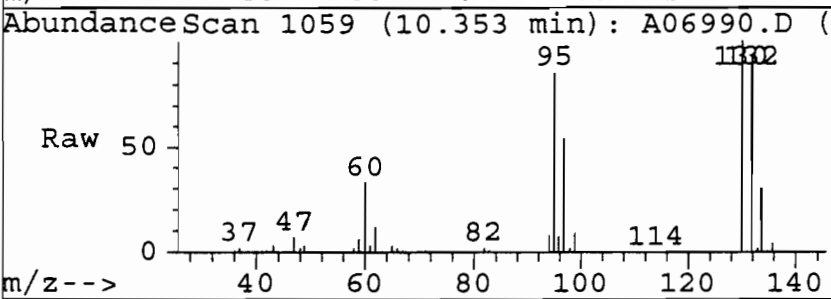
#22
1,1,1-Trichloroethane
Concen: 3.81 UG/L
RT: 9.31 min Scan# 883
Delta R.T. 0.00 min
Lab File: A06990.D
Acq: 4 Oct 95 8:08 pm



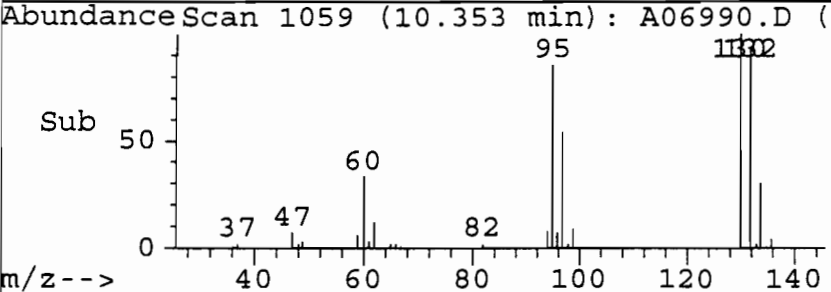
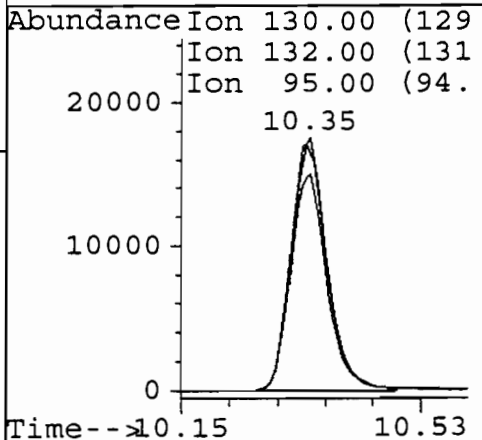
Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.3	45.9	85.9
61	47.4	27.6	67.6
0	0.0	0.0	0.0



#24
Trichloroethene
Concen: 51.13 UG/L
RT: 10.35 min Scan# 1059
Delta R.T. -0.00 min
Lab File: A06990.D
Acq: 4 Oct 95 8:08 pm



Tgt Ion	Ratio	Lower	Upper
130	100		
132	96.9	76.7	116.7
95	86.3	66.8	106.8
0	0.0	0.0	0.0



Sample Name: 9527339, SHO950927A873-52

Misc. Info: 5ML

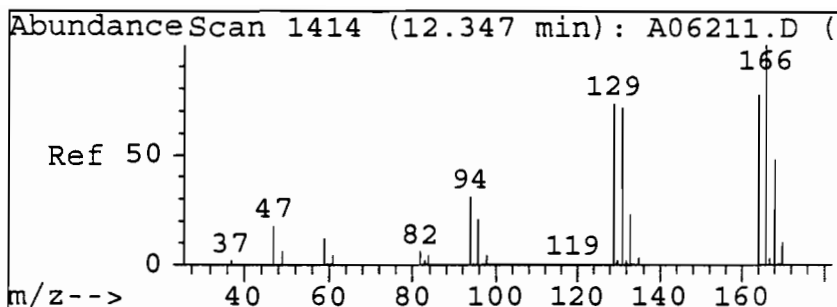
A06990.D VEPWA.M

Wed Oct 18 13:23:11 1995

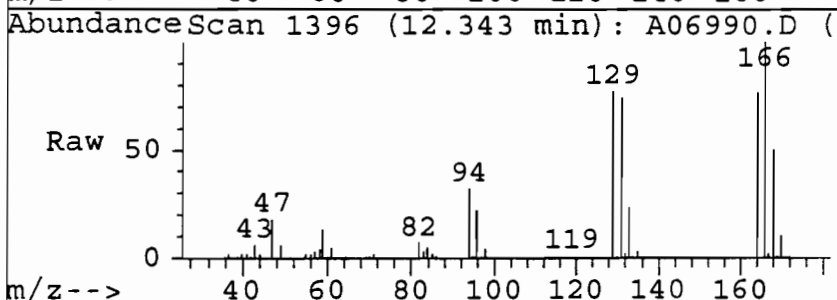
H2M

Page 4

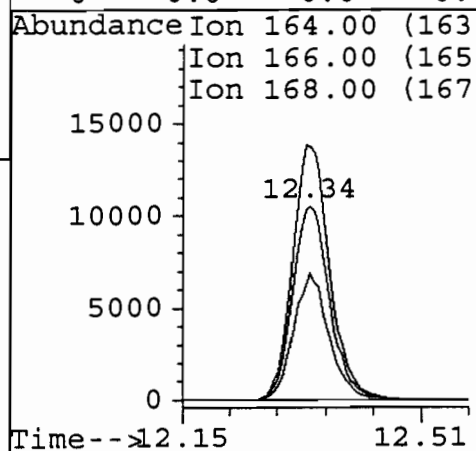
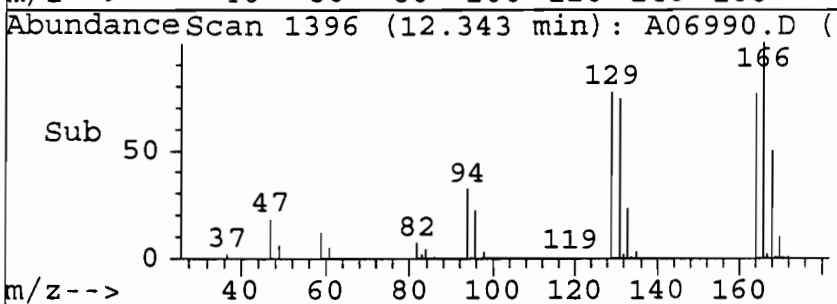
V 0221



#37
 Tetrachloroethene
 Concen: 38.90 UG/L
 RT: 12.34 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: A06990.D
 Acq: 4 Oct 95 8:08 pm



Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.8	111.2	151.2
168	62.5	42.7	82.7
0	0.0	0.0	0.0



Sample Name: 9527339, SHO950927A873-52

Misc. Info: 5ML

A06990.D VEP AW.M

Wed Oct 18 13:23:16 1995

H2M

Page 5

V C222

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950-
927A87353

Lab Name: H2M LABS, INC Contract: C003180

Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927

Matrix: (soil/water) WATER Lab Sample ID: 9527340

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06991.D

Level: (low/med) LOW Date Received: 09/29/95

% Moisture: not dec. _____ Date Analyzed: 10/04/95

GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
75-34-4	1,1-Dichloroethane	10	U
67-66-3	Chloroform	1	J
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	3	J
56-23-5	Carbon Tetrachloride	3	J
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
124-48-1	Dibromochloromethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U
100-42-5	Styrene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

V 0223

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950
927A87353

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527340
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06991.D
Level: (low/med) LOW Date Received: 09/29/95
% Moisture: not dec. Date Analyzed: 10/04/95
GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

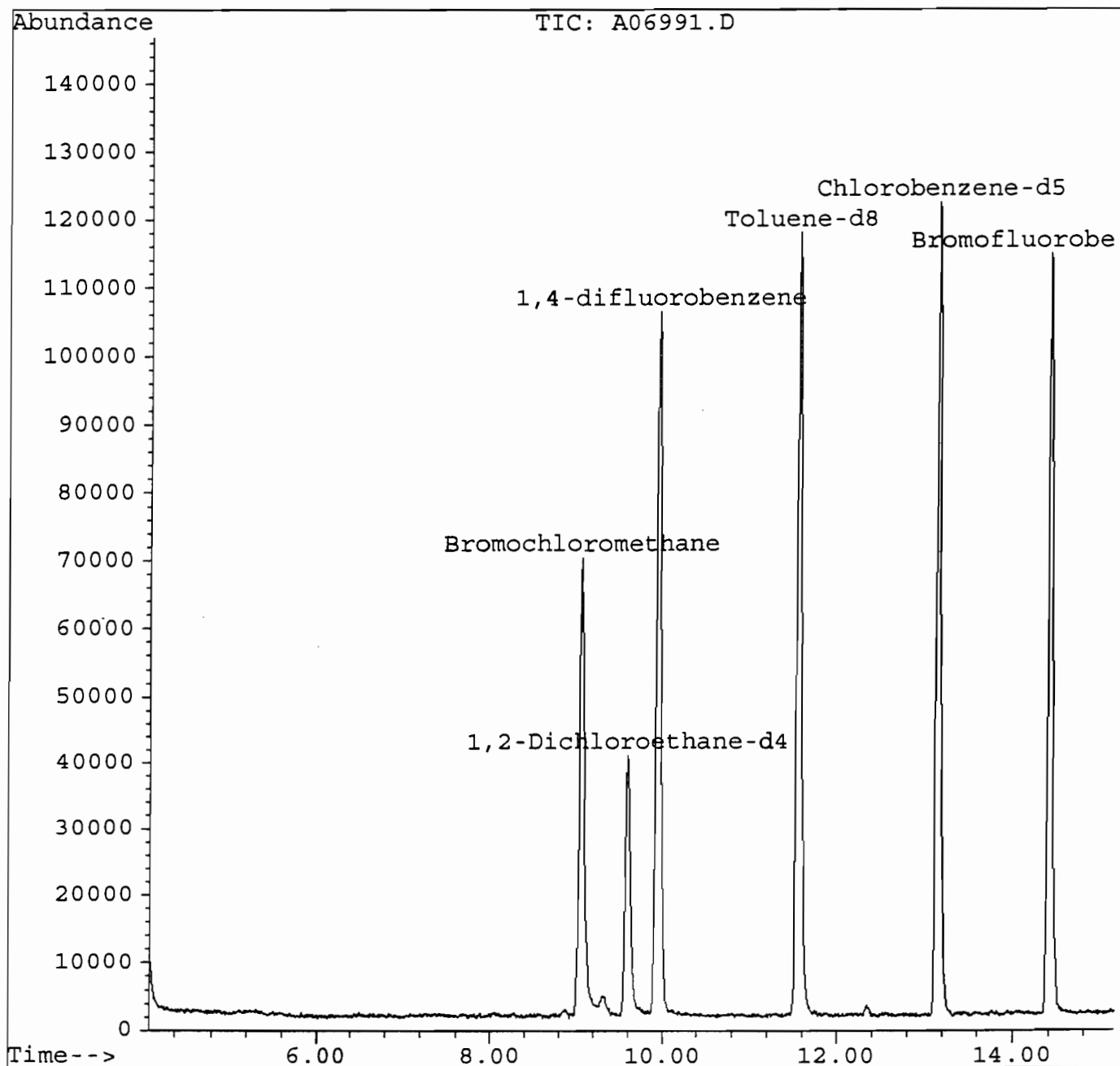
CAS NO.	COMPOUND	RT	EST. CONC.	Q
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Quantitation Report

Data File : S:\MS\MS2\OCT95\A06991.D
Acq On : 4 Oct 95 8:28 pm
Sample : 9527340, SHO950927A873-53
Misc : 5ML
Quant Time: Oct 11 15:09 1995

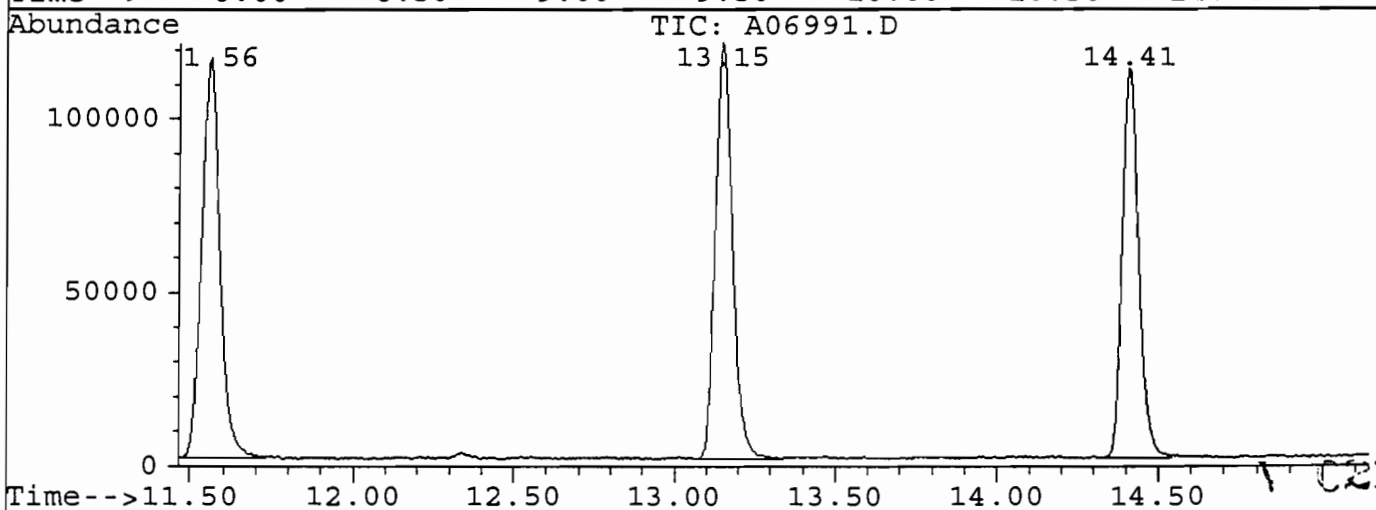
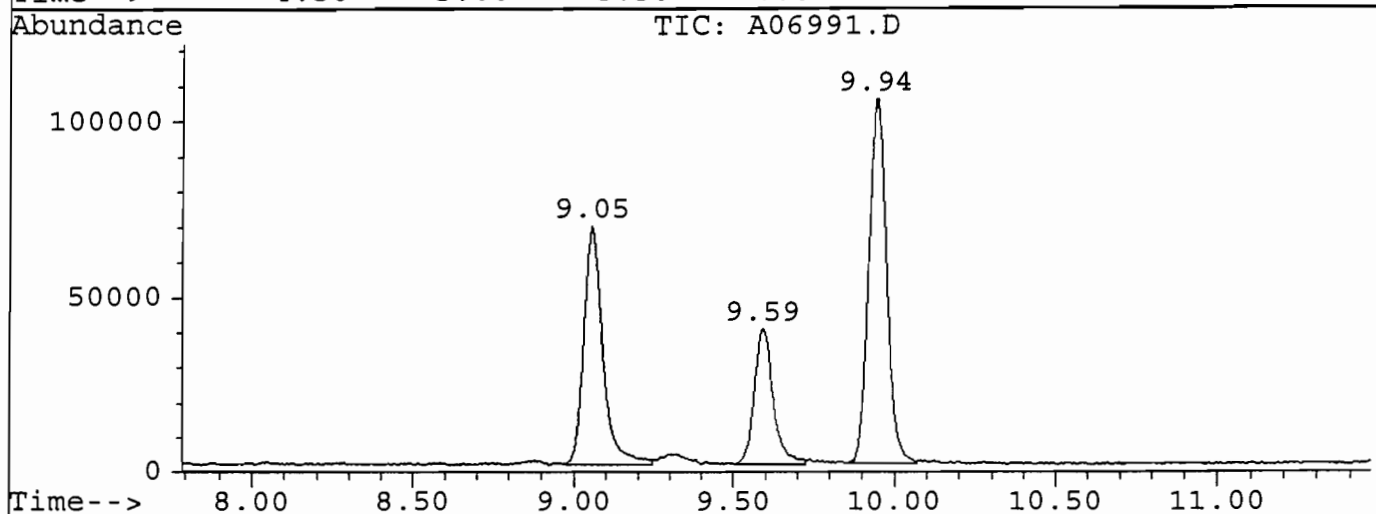
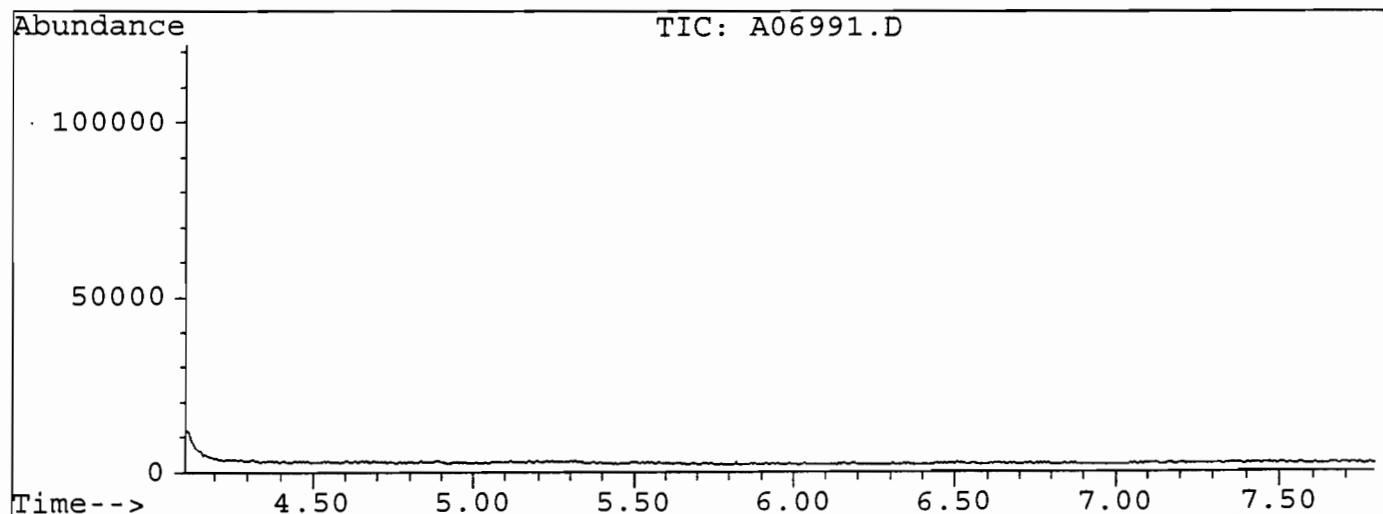
Vial: 21
Operator: JOHN
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V 0225

File : S:\MS\MS2\OCT95\A06991.D
Operator : JOHN
Acquired : 4 Oct 95 8:28 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527340, SHO950927A873-53
Misc Info : 5ML
Vial Number: 21



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06991.D
 Acq On : 4 Oct 95 20:28
 Sample : 9527340, SHO950927A873-53
 Misc : 5ML
 Quant Time: Oct 11 15:09 1995

Vial: 21
 Operator: JOHN
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Wed Oct 11 14:44:19 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06968.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.05	128	43269	50.00	UG/L	0.00
21) 1,4-difluorobenzene	9.94	114	192117	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.15	117	156422	50.00	UG/L	0.00
System Monitoring Compounds						%Recovery
18) 1,2-Dichloroethane-d4	9.58	65	43365	49.30	UG/L	
34) Toluene-d8	11.56	98	166020	50.92	UG/L	
43) Bromofluorobenzene	14.41	95	97692	44.27	UG/L	
Target Compounds						Qvalue
17) Chloroform	8.86	83	2228	1.26	UG/L	# 84
22) 1,1,1-Trichloroethane	9.31	97	4229	3.04	UG/L	# 76
23) Carbon Tetrachloride	9.60	117	4564	3.18	UG/L	90

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06991.D
Acq On : 4 Oct 95 8:28 pm
Sample : 9527340, SHO950927A873-53
Misc : 5ML

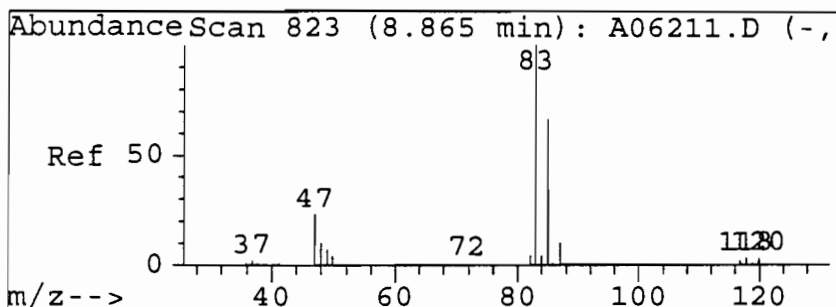
Vial: 21
Operator: JOHN
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

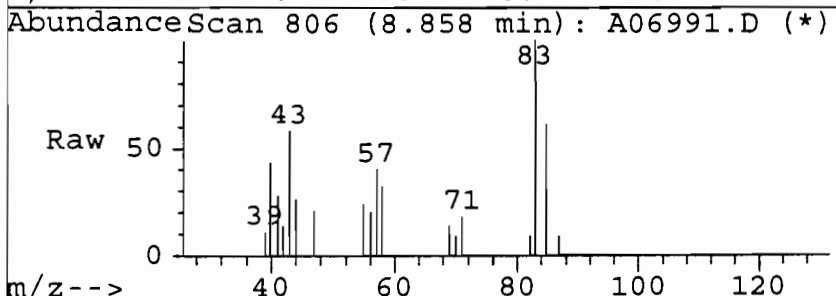
No Library Search Compounds Detected

V 0228

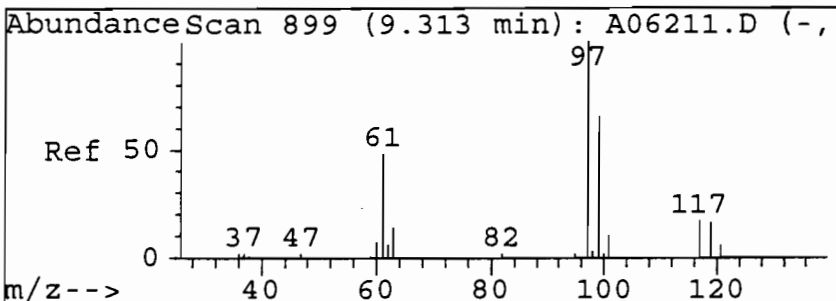
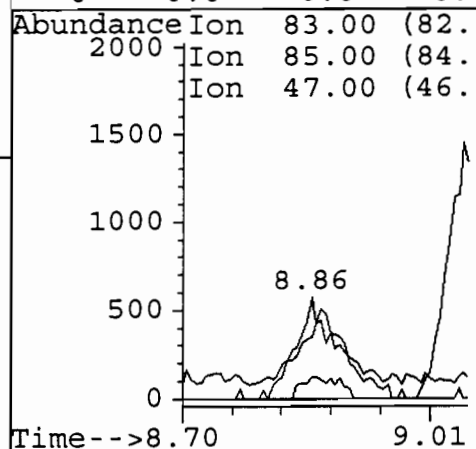
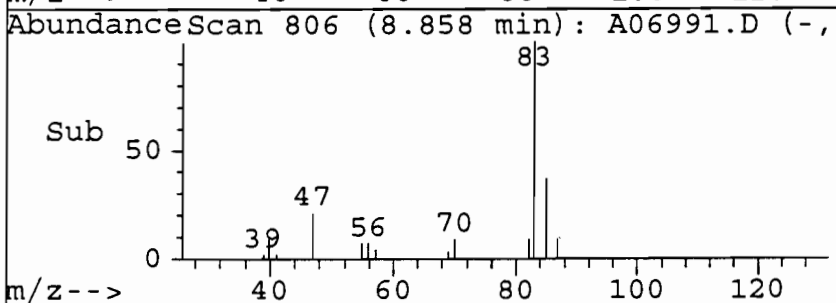
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.053	rBV	0.283	283039	8.964	9.248
2	9.590	rBV	0.225	162225	9.501	9.726
3	9.939	rBV	0.219	404150	9.850	10.069
4	11.561	rBV	0.254	440682	11.472	11.727
5	13.148	rVB	0.254	442271	13.071	13.325
6	14.410	rBV	0.213	400147	14.328	14.541



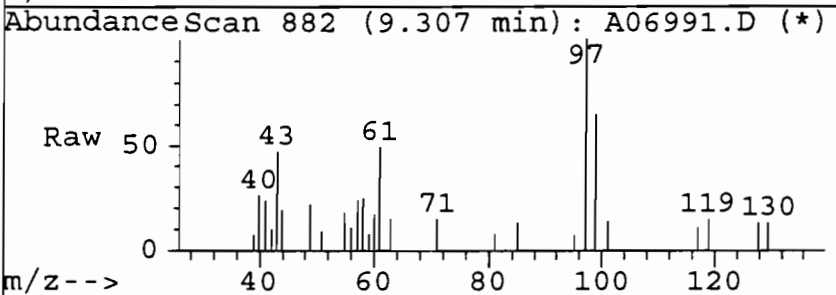
#17
Chloroform
Concen: 1.26 UG/L
RT: 8.86 min Scan# 806
Delta R.T. -0.01 min
Lab File: A06991.D
Acq: 4 Oct 95 8:28 pm



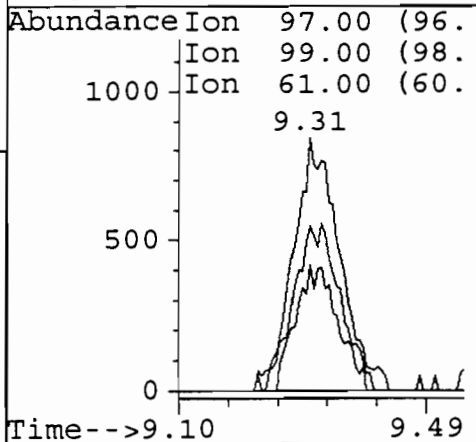
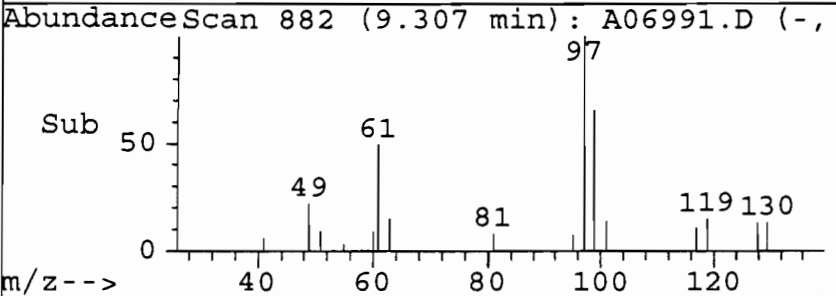
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	2228		
85	63.2	46.5	86.5	
47	0.0	3.8	43.8#	
0	0.0	0.0	0.0	



#22
1,1,1-Trichloroethane
Concen: 3.04 UG/L
RT: 9.31 min Scan# 882
Delta R.T. -0.01 min
Lab File: A06991.D
Acq: 4 Oct 95 8:28 pm



Tgt Ion	Ratio	Resp	Lower	Upper
97	100	4229		
99	35.4	45.9	85.9#	
61	45.0	27.6	67.6	
0	0.0	0.0	0.0	



Sample Name: 9527340, SHO950927A873-53

Misc. Info: 5ML

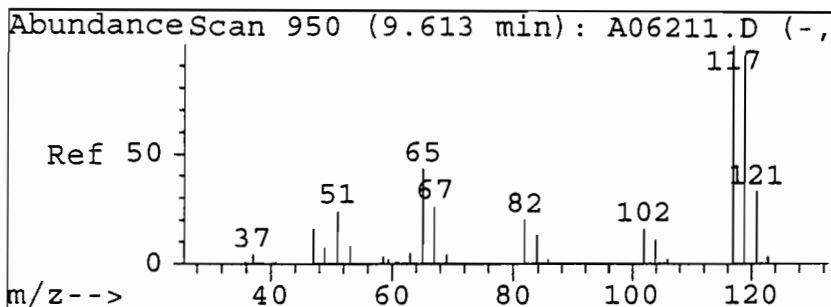
A06991.D VEPWA.M

Wed Oct 18 13:24:42 1995

H2M

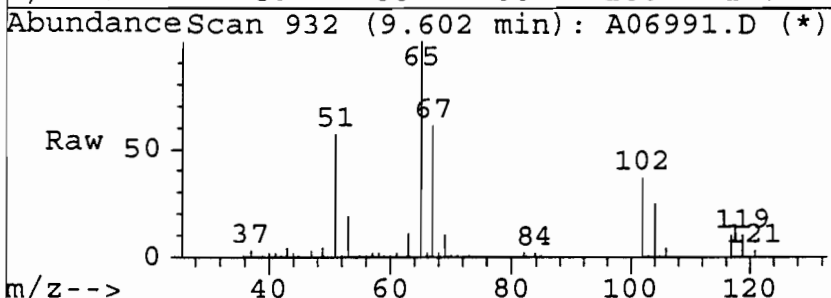
1 0230

Page 3

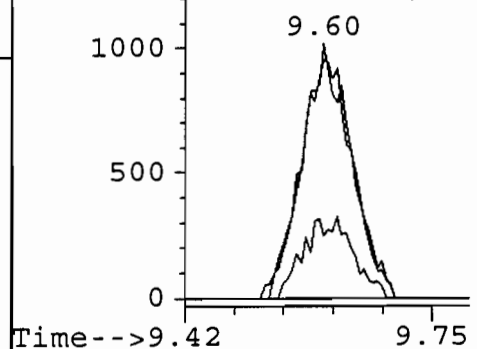
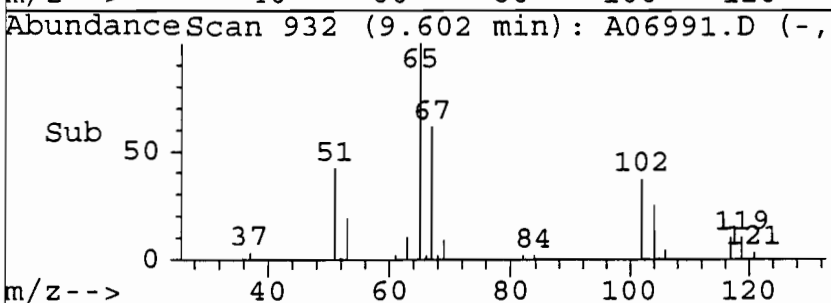


#23
Carbon Tetrachloride
Concen: 3.18 UG/L
RT: 9.60 min Scan# 932
Delta R.T. -0.01 min
Lab File: A06991.D
Acq: 4 Oct 95 8:28 pm

Tgt Ion:	117	Resp:	4564
Ion	Ratio	Lower	Upper
117	100		
119	99.8	77.9	117.9
121	14.4	12.7	52.7
0	0.0	0.0	0.0



Abundance Ion 117.00 (116
Ion 119.00 (118
Ion 121.00 (120



Sample Name: 9527340, SHO950927A873-53

Misc. Info: 5ML

A06991.D VEP AW.M

Wed Oct 18 13:24:47 1995

H2M

V 0231

Page 4

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950
927A87354

Lab Name: H2M LABS, INC Contract: C003180

Lab Code: 10478 Case No.: SH095 SAS No.: SDG No.: 0927

Matrix: (soil/water) WATER Lab Sample ID: 9527341

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06992.D

Level: (low/med) LOW Date Received: 09/29/95

% Moisture: not dec. Date Analyzed: 10/04/95

GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950
927A87354

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527341
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06992.D
Level: (low/med) LOW Date Received: 09/29/95
% Moisture: not dec. _____ Date Analyzed: 10/04/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

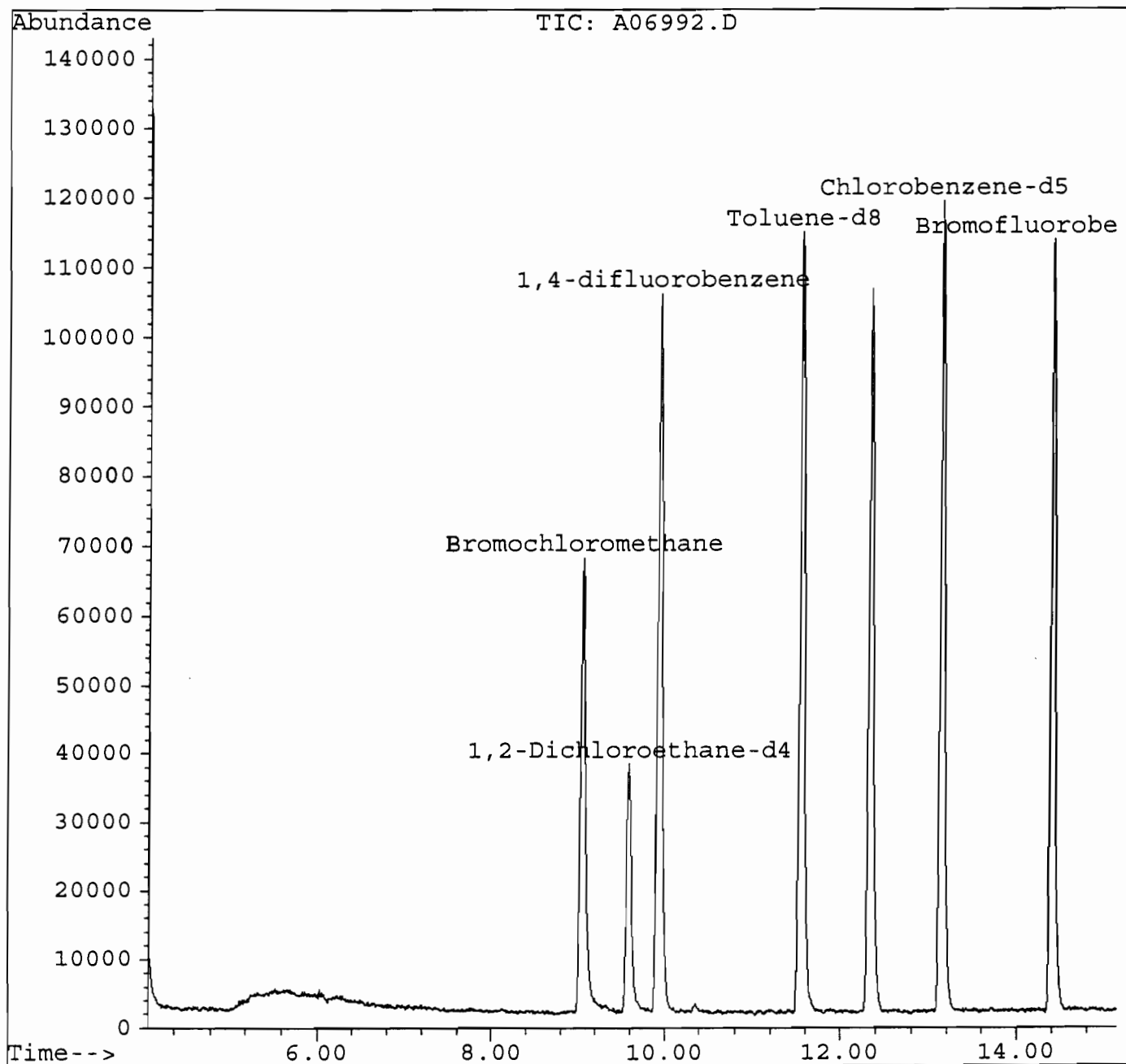
CAS NO.	COMPOUND	RT	EST. CONC.	Q
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Quantitation Report

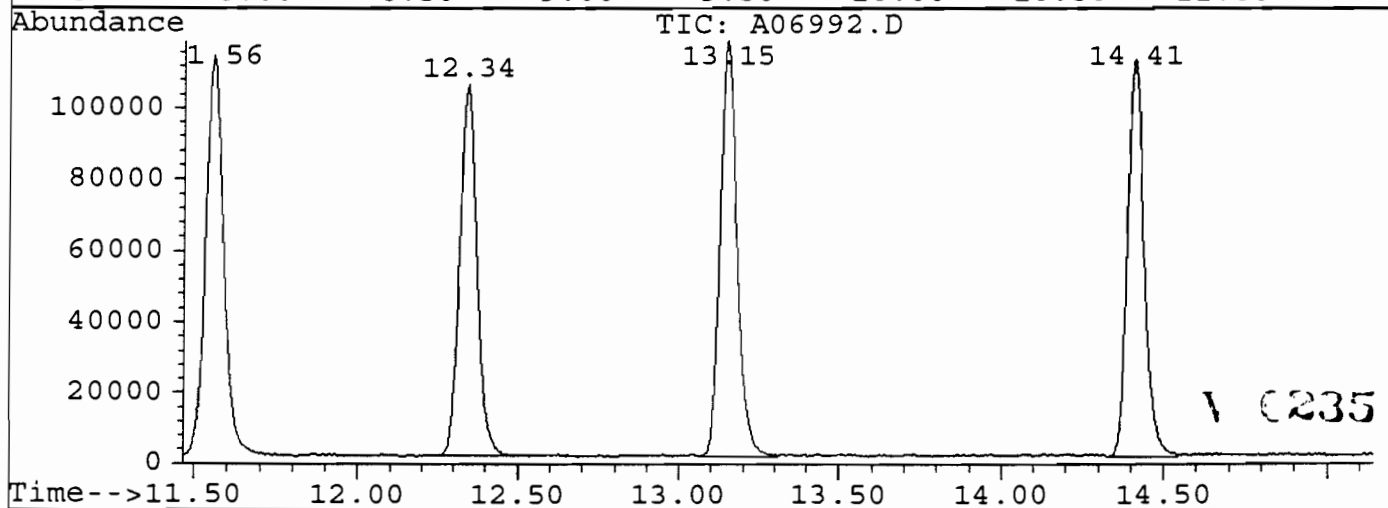
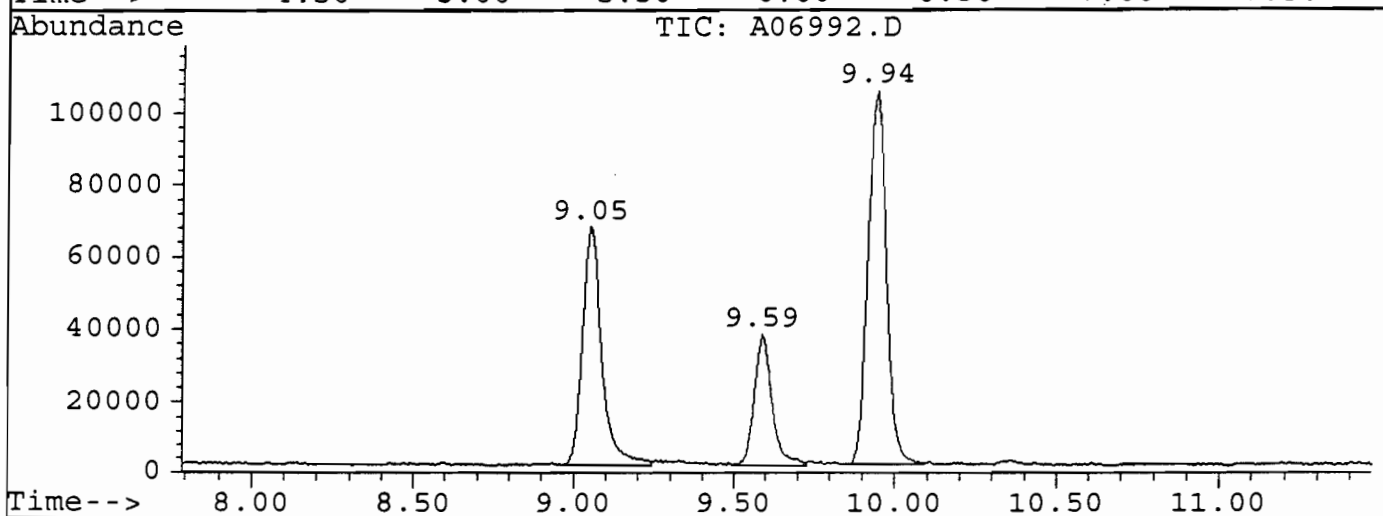
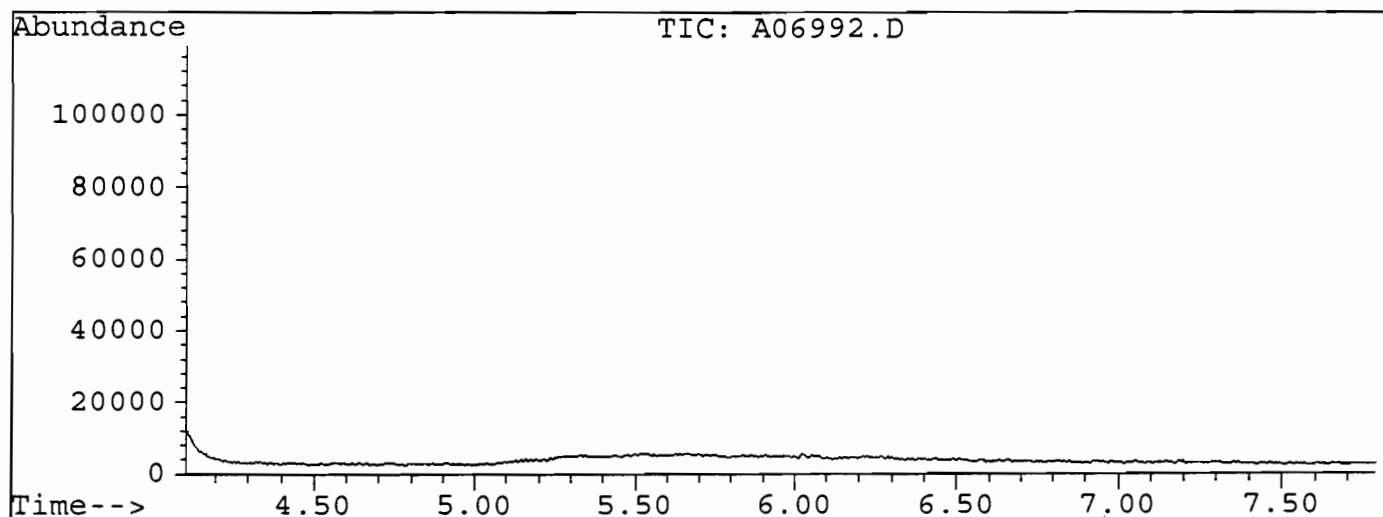
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Acq On : 4 Oct 95 8:49 pm
Sample : 9527341, SHO950927A873-54
Misc : 5ML
Quant Time: Oct 18 13:00 1995

Vial: 22
Operator: JOHN
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



File : S:\MS\MS2\OCT95\A06992.D
Operator : JOHN
Acquired : 4 Oct 95 8:49 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527341, SH0950927A873-54
Misc Info : 5ML
Vial Number: 22



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06992.D
 Acq On : 4 Oct 95 20:49
 Sample : 9527341, SHO950927A873-54
 Misc : 5ML
 Quant Time: Oct 18 13:00 1995

Vial: 22
 Operator: JOHN
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Wed Oct 11 14:44:19 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06968.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.05	128	42855	50.00	UG/L	0.00
21) 1,4-difluorobenzene	9.94	114	189691	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.14	117	154066	50.00	UG/L	0.00
System Monitoring Compounds						%Recovery
18) 1,2-Dichloroethane-d4	9.59	65	41965	48.17	UG/L	
34) Toluene-d8	11.56	98	163922	51.04	UG/L	
43) Bromofluorobenzene	14.41	95	96135	44.23	UG/L	
Target Compounds						Qvalue
37) Tetrachloroethene	12.34	164	56531	55.85	UG/L	98

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06992.D
Acq On : 4 Oct 95 8:49 pm
Sample : 9527341, SHO950927A873-54
Misc : SML

Vial: 22
Operator: JOHN
Inst : H5971
Multiplr: 1.00

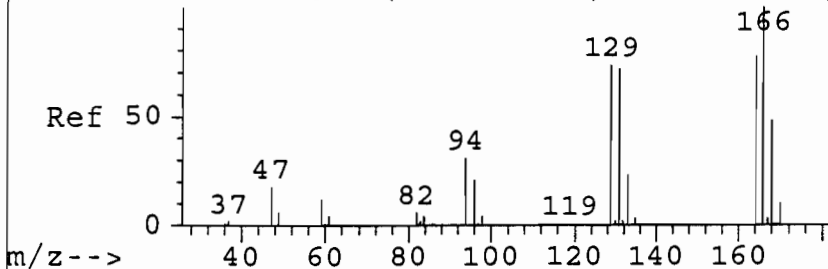
Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

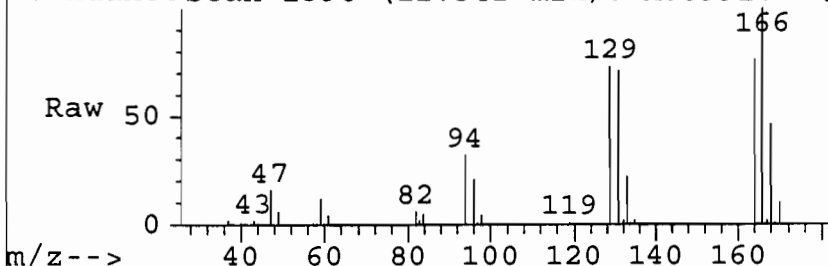
V 0237

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.049	rBV	0.284	279619	8.961	9.244
2	9.587	rBV	0.230	145232	9.498	9.728
3	9.941	rBV	0.231	402532	9.858	10.089
4	11.557	rBV	0.254	435620	11.463	11.717
5	12.342	rVB	0.225	391760	12.254	12.478
6	13.151	rBV	0.248	432652	13.062	13.310
7	14.413	rBV	0.213	398017	14.330	14.543

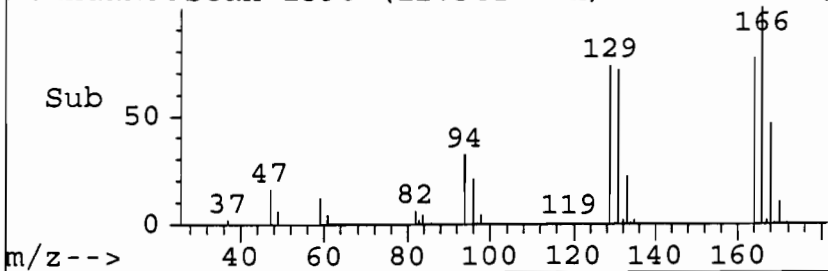
AbundanceScan 1414 (12.347 min): A06211.D (



AbundanceScan 1396 (12.342 min): A06992.D (



AbundanceScan 1396 (12.342 min): A06992.D (



#37

Tetrachloroethene

Concen: 55.85 UG/L

RT: 12.34 min Scan# 1396

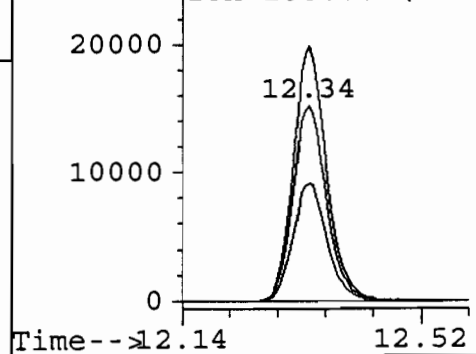
Delta R.T. -0.00 min

Lab File: A06992.D

Acq: 4 Oct 95 8:49 pm

Tgt Ion:	164	Resp:	56531
Ion Ratio	Lower	Upper	
164	100		
166	129.3	111.2	151.2
168	60.9	42.7	82.7
0	0.0	0.0	0.0

Abundance Ion 164.00 (163
Ion 166.00 (165
Ion 168.00 (167



Sample Name: 9527341, SH0950927A873-54

Misc. Info: 5ML

A06992.D VEP AW.M

Wed Oct 18 13:26:15 1995

H2M

Page 3

V C239

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SH0950
927A87355

Lab Name: H2M LABS, INC Contract: C003180

Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927

Matrix: (soil/water) WATER Lab Sample ID: 9527342

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06993.D

Level: (low/med) LOW Date Received: 09/29/95

% Moisture: not dec. _____ Date Analyzed: 10/04/95

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
540-59-0	1,2-Dichloroethene (total)	6	J
75-34-4	1,1-Dichloroethane	6	J
67-66-3	Chloroform	8	J
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	4	J
56-23-5	Carbon Tetrachloride	10	U
79-01-6	Trichloroethene	3	J
71-43-2	Benzene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
124-48-1	Dibromochloromethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
127-18-4	Tetrachloroethene	9	J
591-78-6	2-Hexanone	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U
100-42-5	Styrene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

V C240

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SH0950
927A87355

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527342
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06993.D
Level: (low/med) LOW Date Received: 09/29/95
% Moisture: not dec. _____ Date Analyzed: 10/04/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
---------	----------	----	------------	---

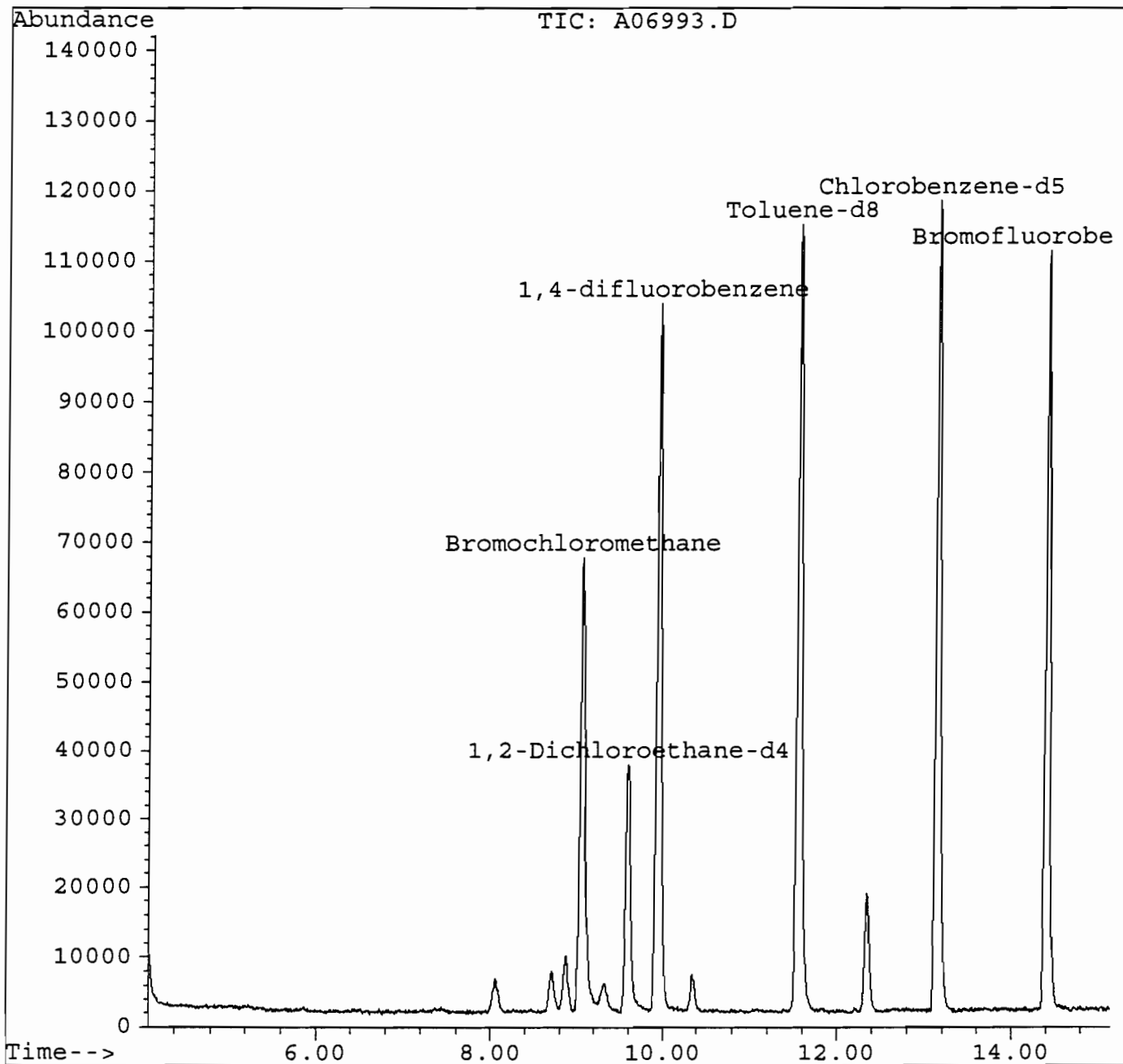
V 0241

Quantitation Report

Data File : S:\MS\MS2\OCT95\A06993.D
Acq On : 4 Oct 95 9:09 pm
Sample : 9527342, SHO950927A873-55
Misc : 5ML
Quant Time: Oct 18 13:01 1995

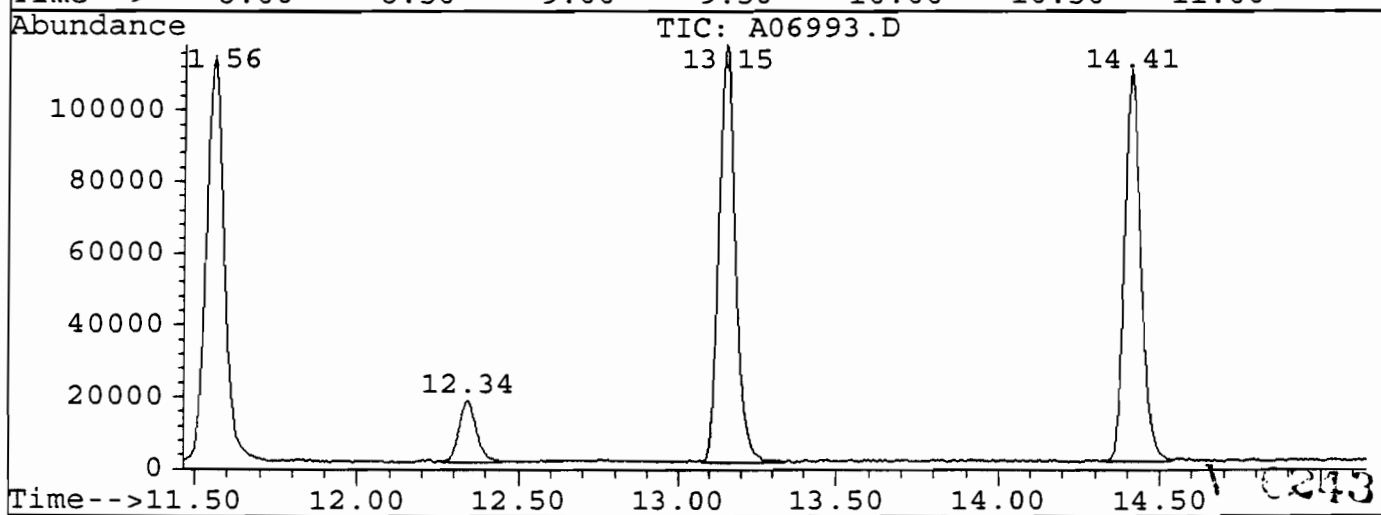
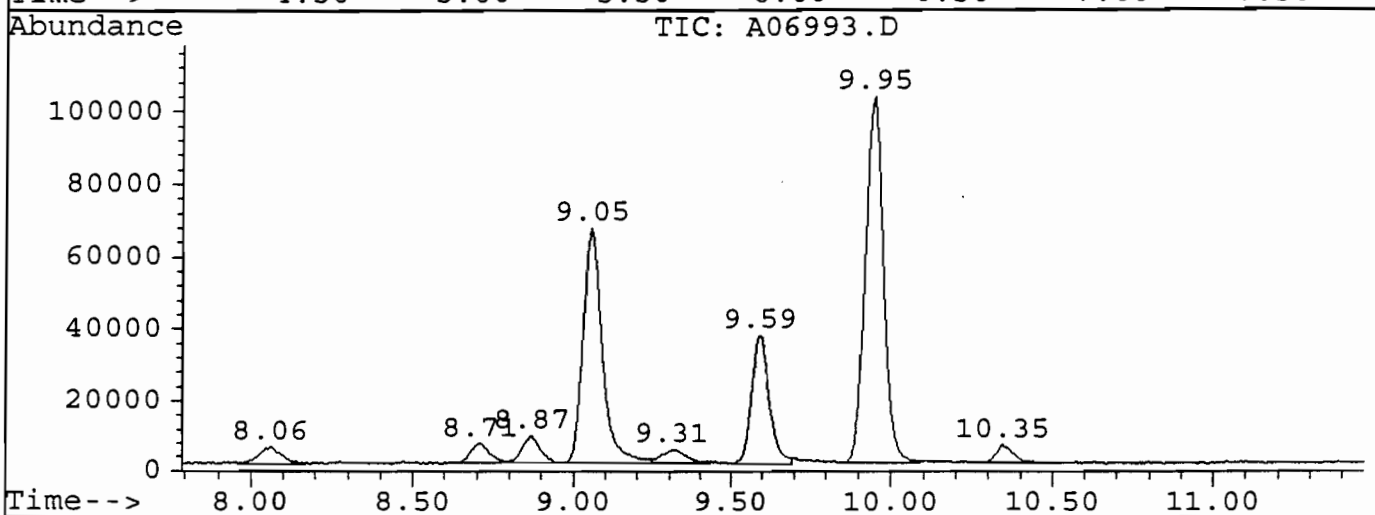
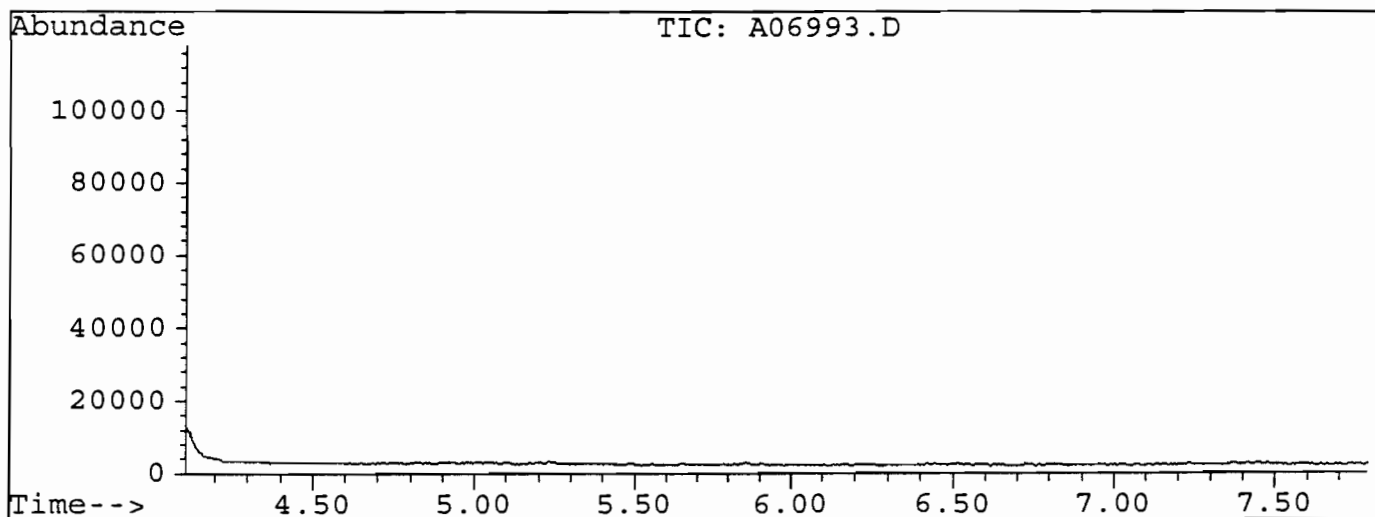
Vial: 23
Operator: JOHN
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V 0242

File : S:\MS\MS2\OCT95\A06993.D
Operator : JOHN
Acquired : 4 Oct 95 9:09 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527342, SHO950927A873-55
Misc Info : 5ML
Vial Number: 23



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06993.D
 Acq On : 4 Oct 95 21:09
 Sample : 9527342, SHO950927A873-55
 Misc : 5ML
 Quant Time: Oct 18 13:01 1995

Vial: 23
 Operator: JOHN
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Wed Oct 11 14:44:19 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06968.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.05	128	42814	50.00	UG/L	0.00
21) 1,4-difluorobenzene	9.95	114	188385	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.15	117	152576	50.00	UG/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	%Recovery
18) 1,2-Dichloroethane-d4	9.59	65	42940	49.34	UG/L	
34) Toluene-d8	11.56	98	161622	50.82	UG/L	
43) Bromofluorobenzene	14.41	95	95445	44.34	UG/L	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) cis-1,2-Dichloroethene	8.71	96	5904	5.63	UG/L	98
15) 1,2-Dichloroethene (total)	8.71	96	5904	5.94	UG/L	98
16) 1,1-Dichloroethane	8.06	63	11177	6.27	UG/L	99
17) Chloroform	8.87	83	13196	7.54	UG/L	99
22) 1,1,1-Trichloroethane	9.31	97	5796	4.24	UG/L	97
24) Trichloroethene	10.35	130	3883	2.95	UG/L	98
37) Tetrachloroethene	12.35	164	8841	8.82	UG/L	99

(#) = qualifier out of range (m) = manual integration

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06993.D
Acq On : 4 Oct 95 9:09 pm
Sample : 9527342, SHO950927A873-55
Misc : SML

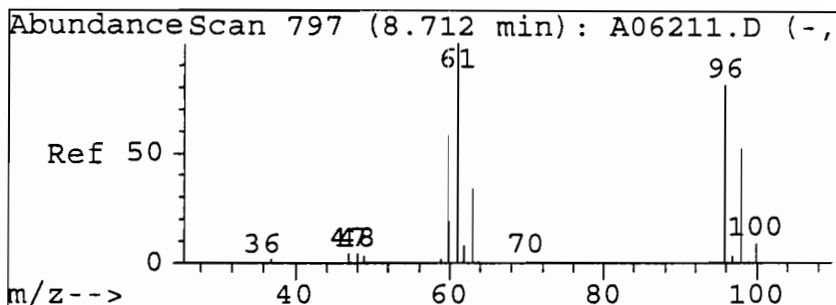
Vial: 23
Operator: JOHN
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

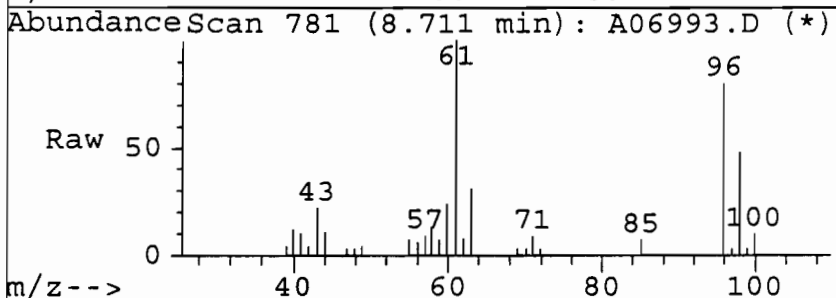
V C245

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	8.062	rBV	0.207	23257	7.962	8.169
2	8.711	rBV	0.153	23209	8.640	8.794
3	8.871	rVB	0.159	31524	8.794	8.953
4	9.054	rBV	0.294	277054	8.953	9.247
5	9.310	rVB	0.185	20164	9.247	9.433
6	9.591	rBV	0.183	145484	9.509	9.692
7	9.945	rBV	0.248	399902	9.839	10.087
8	10.347	rVB	0.183	19689	10.293	10.476
9	11.558	rBV	0.301	433099	11.452	11.753
10	12.343	rBV	0.183	64360	12.266	12.449
11	13.151	rVB	0.266	429781	13.074	13.340
12	14.412	rBV	0.222	392438	14.313	14.535

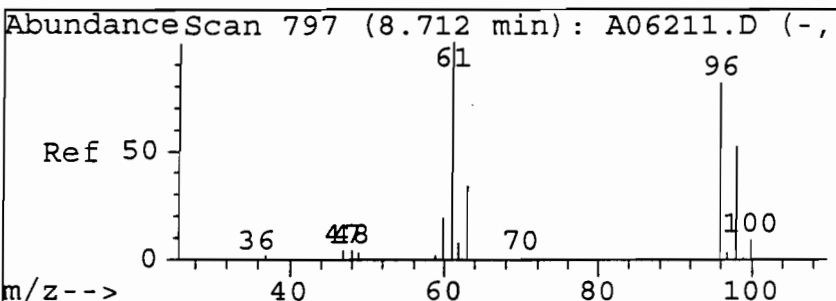
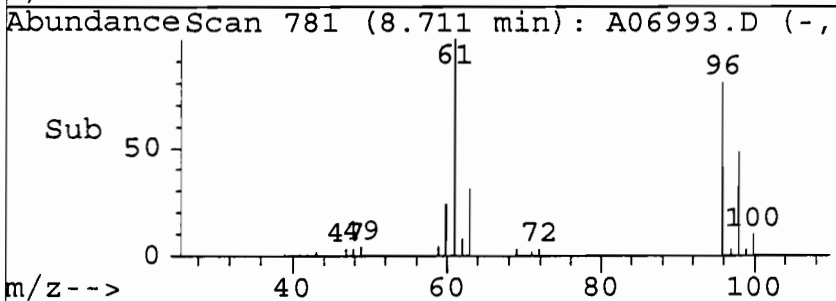
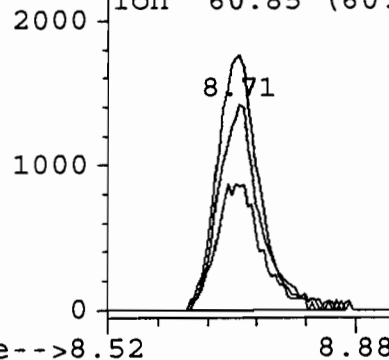


#14
 cis-1,2-Dichloroethene
 Concen: 5.63 UG/L
 RT: 8.71 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: A06993.D
 Acq: 4 Oct 95 9:09 pm

Tgt Ion:	95.85	Resp:	5904
Ion	Ratio	Lower	Upper
96	100		
98	67.1	46.4	86.4
61	127.9	110.7	150.7
0	0.0	0.0	0.0

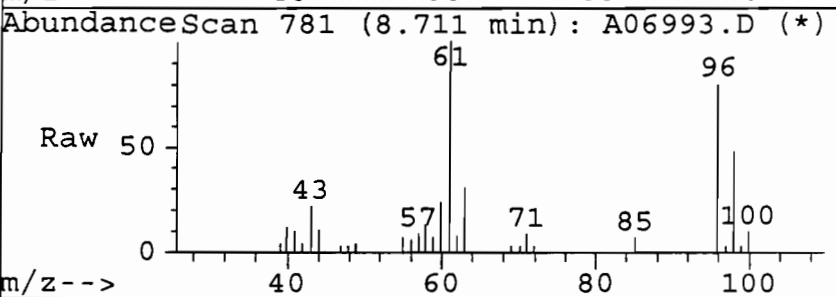


Abundance	Ion	95.85 (95.
	Ion	97.85 (97.
	Ion	60.85 (60.

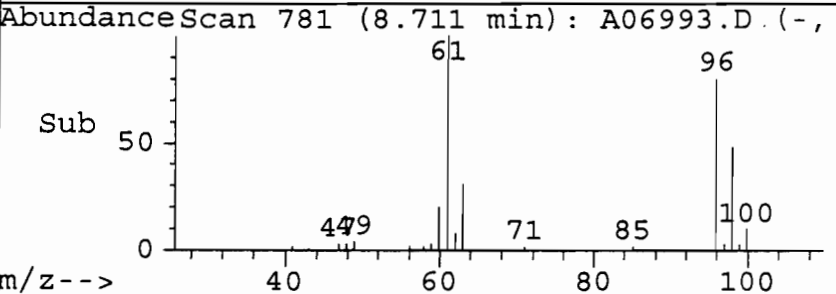
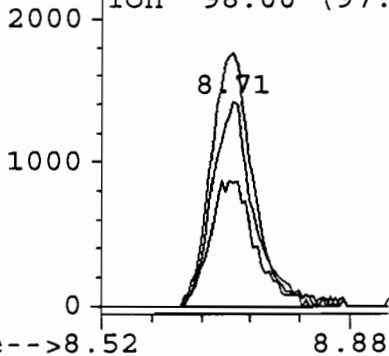


#15
 1,2-Dichloroethene (total)
 Concen: 5.94 UG/L
 RT: 8.71 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: A06993.D
 Acq: 4 Oct 95 9:09 pm

Tgt Ion:	96	Resp:	5904
Ion	Ratio	Lower	Upper
96	100		
61	127.9	110.3	150.3
98	67.1	46.6	86.6
0	0.0	0.0	0.0



Abundance	Ion	96.00	(95.
	Ion	61.00	(60.
0000	Ion	98.00	(97.



Sample Name: 9527342, SHO950927A873-55

Misc. Info: 5ML

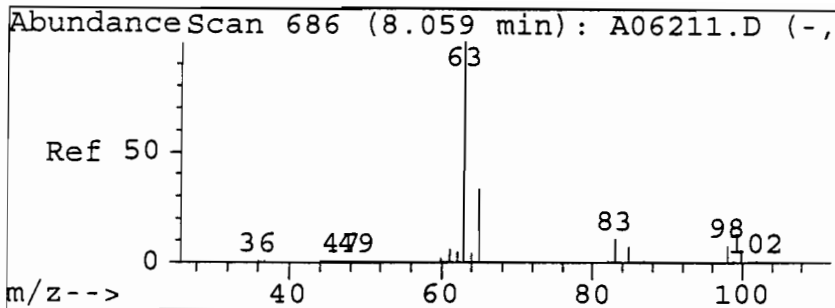
A06993.D VEPAW.M

Wed Oct 18 13:27:29 1995

H2M

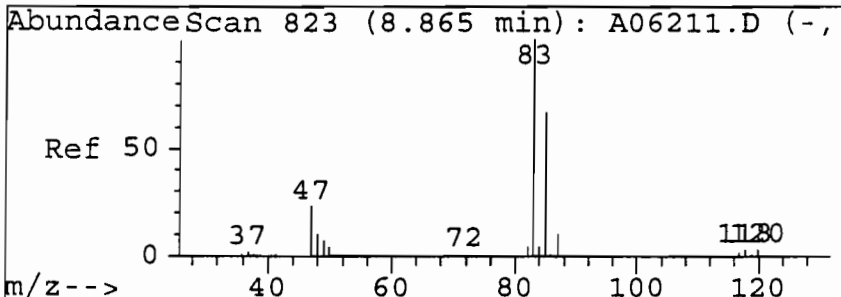
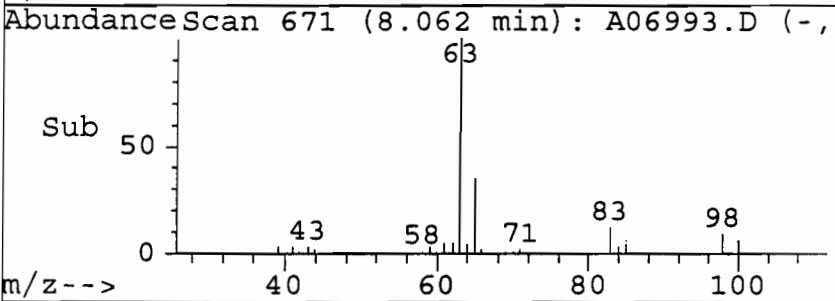
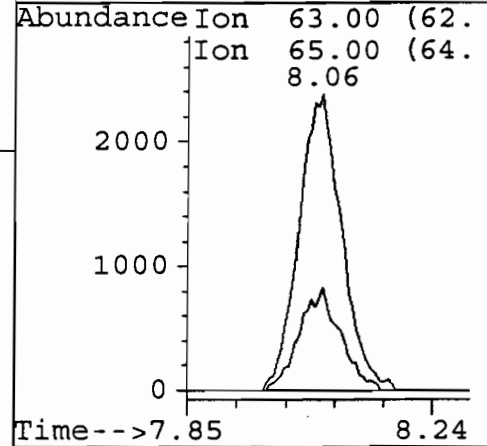
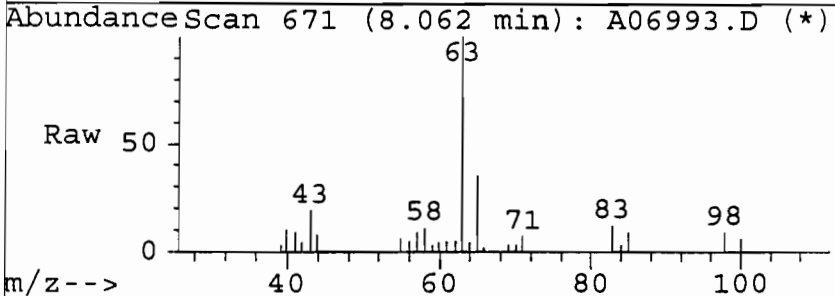
Page 3

V 0247



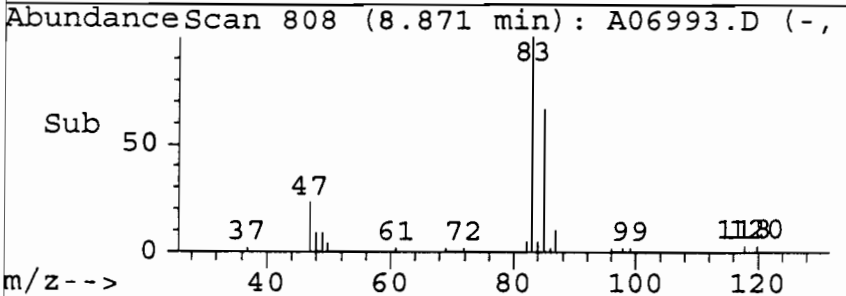
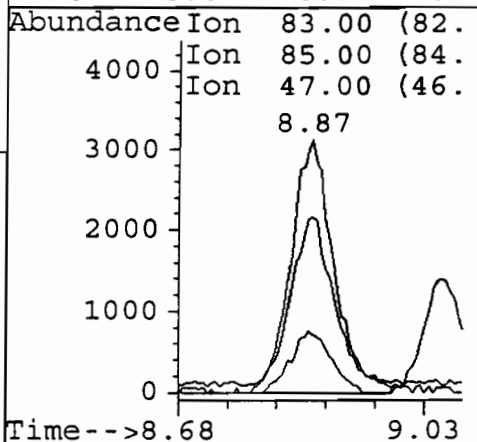
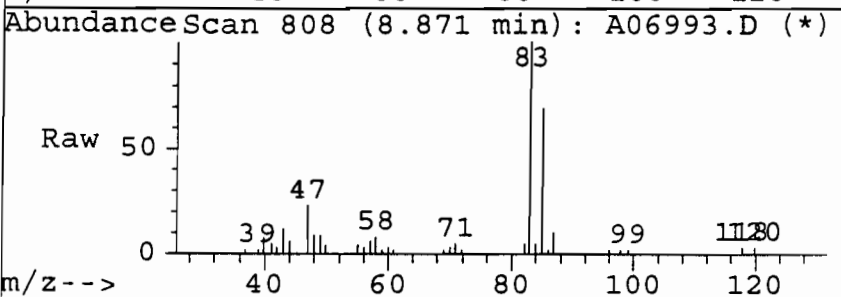
#16
1,1-Dichloroethane
Concen: 6.27 UG/L
RT: 8.06 min Scan# 671
Delta R.T. 0.00 min
Lab File: A06993.D
Acq: 4 Oct 95 9:09 pm

Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.3	12.5	52.5
0	0.0	0.0	0.0
0	0.0	0.0	0.0



#17
Chloroform
Concen: 7.54 UG/L
RT: 8.87 min Scan# 808
Delta R.T. 0.00 min
Lab File: A06993.D
Acq: 4 Oct 95 9:09 pm

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	46.5	86.5
47	23.1	3.8	43.8
0	0.0	0.0	0.0



Sample Name: 9527342, SH0950927A873-55

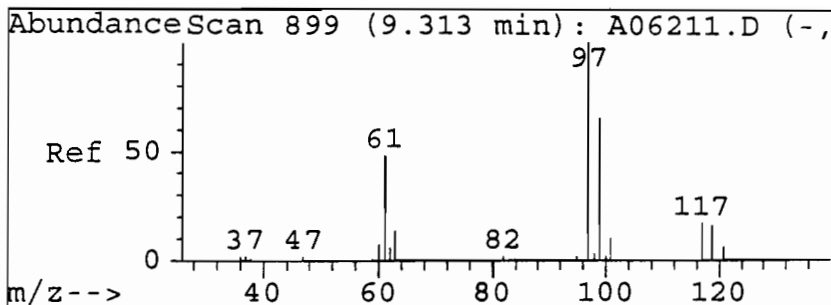
Misc. Info: 5ML

A06993.D VEPAW.M

Wed Oct 18 13:27:33 1995

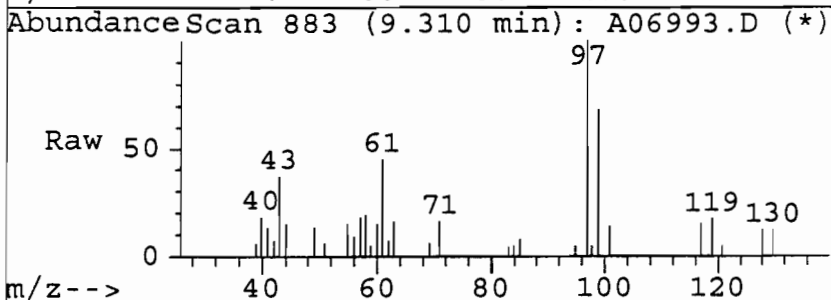
H2M

V 6248 Page 4

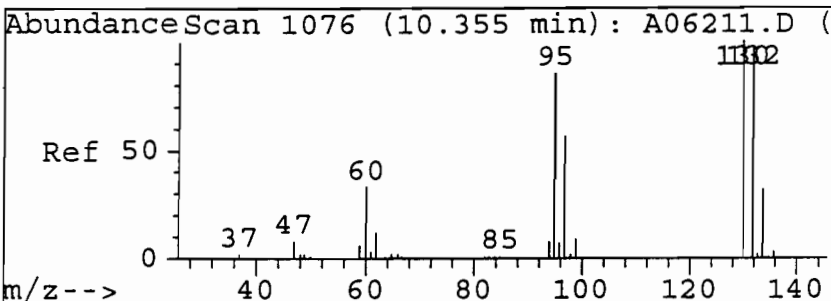
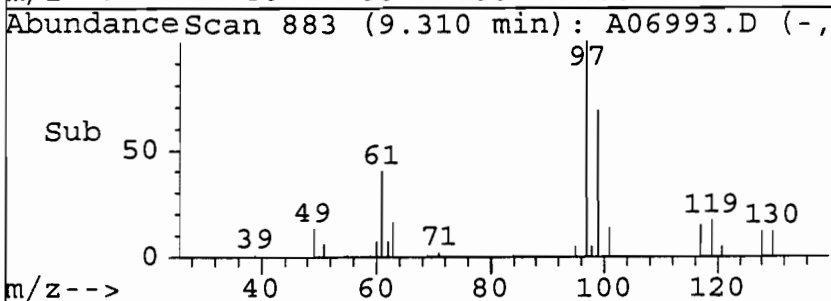
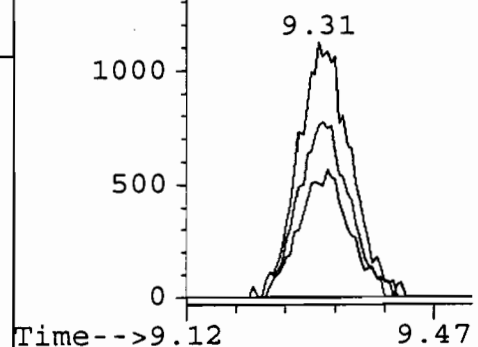


#22
1,1,1-Trichloroethane
Concen: 4.24 UG/L
RT: 9.31 min Scan# 883
Delta R.T. -0.00 min
Lab File: A06993.D
Acq: 4 Oct 95 9:09 pm

Tgt Ion:	97	Resp:	5796
Ion Ratio	Lower	Upper	
97	100		
99	68.8	45.9	85.9
61	48.4	27.6	67.6
0	0.0	0.0	0.0

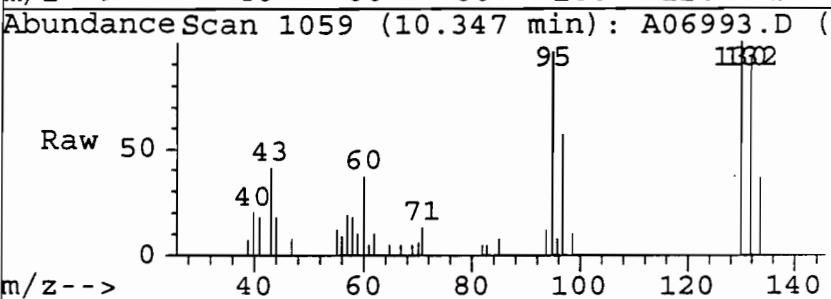


Abundance	Ion	97.00 (96.
1500	Ion	99.00 (98.
	Ion	61.00 (60.

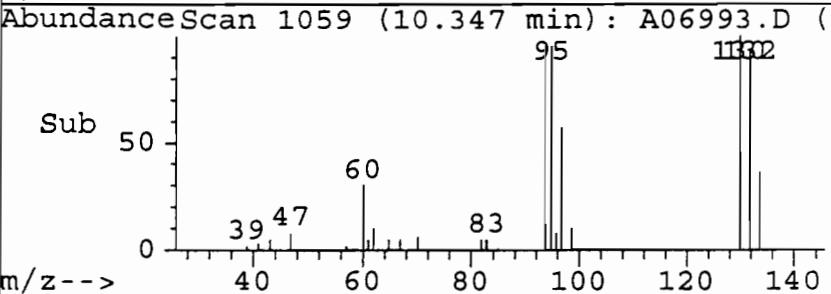
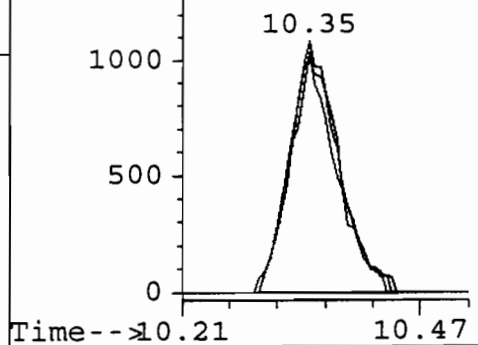


#24
Trichloroethene
Concen: 2.95 UG/L
RT: 10.35 min Scan# 1059
Delta R.T. -0.01 min
Lab File: A06993.D
Acq: 4 Oct 95 9:09 pm

Tgt Ion:	130	Resp:	3883
Ion Ratio	Lower	Upper	
130	100		
132	97.5	76.7	116.7
95	90.9	66.8	106.8
0	0.0	0.0	0.0



Abundance	Ion	130.00 (129
1500	Ion	132.00 (131
	Ion	95.00 (94.



Sample Name: 9527342, SHO950927A873-55

Misc. Info: 5ML

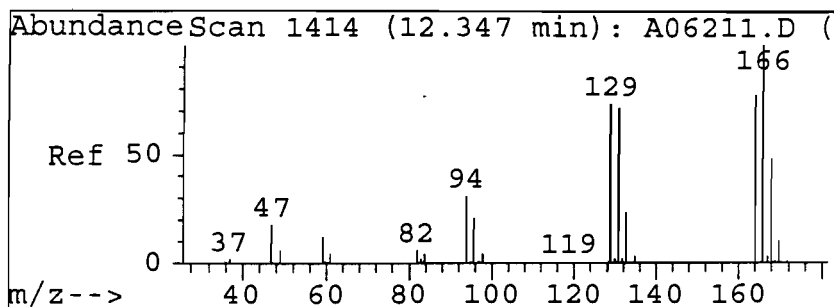
A06993.D VEPAW.M

Wed Oct 18 13:27:37 1995

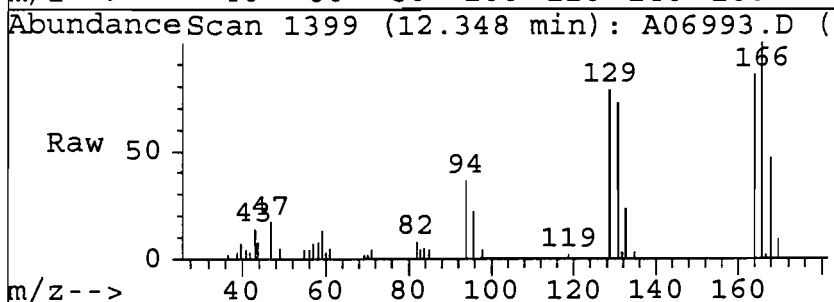
H2M

V 0249

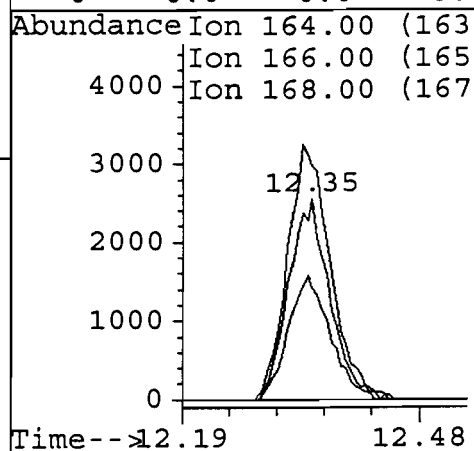
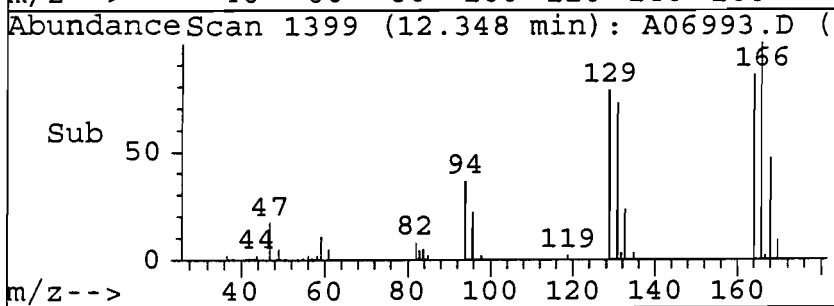
Page 5



#37
 Tetrachloroethene
 Concen: 8.82 UG/L
 RT: 12.35 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: A06993.D
 Acq: 4 Oct 95 9:09 pm



Tgt Ion:164 Resp: 8841
 Ion Ratio Lower Upper
 164 100
 166 133.1 111.2 151.2
 168 62.5 42.7 82.7
 0 0.0 0.0 0.0



Sample Name: 9527342, SH0950927A873-55

Misc. Info: SML

A06993.D VEPWA.M

Wed Oct 18 13:27:42 1995

H2M

V 0250

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK *928*

Lab Name: H2M LABS, INC Contract: C003180
 Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
 Matrix: (soil/water) WATER Lab Sample ID: 9527156
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06908.D
 Level: (low/med) LOW Date Received: 09/28/95
 % Moisture: not dec. _____ Date Analyzed: 10/01/95
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
75-15-0	Carbon Disulfide	10	U
67-64-1	Acetone	10	U
75-09-2	Methylene Chloride	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
75-34-4	1,1-Dichloroethane	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
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
124-48-1	Dibromochloromethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U
100-42-5	Styrene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK *7/28*

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527156
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06908.D
Level: (low/med) LOW Date Received: 09/28/95
% Moisture: not dec. _____ Date Analyzed: 10/01/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
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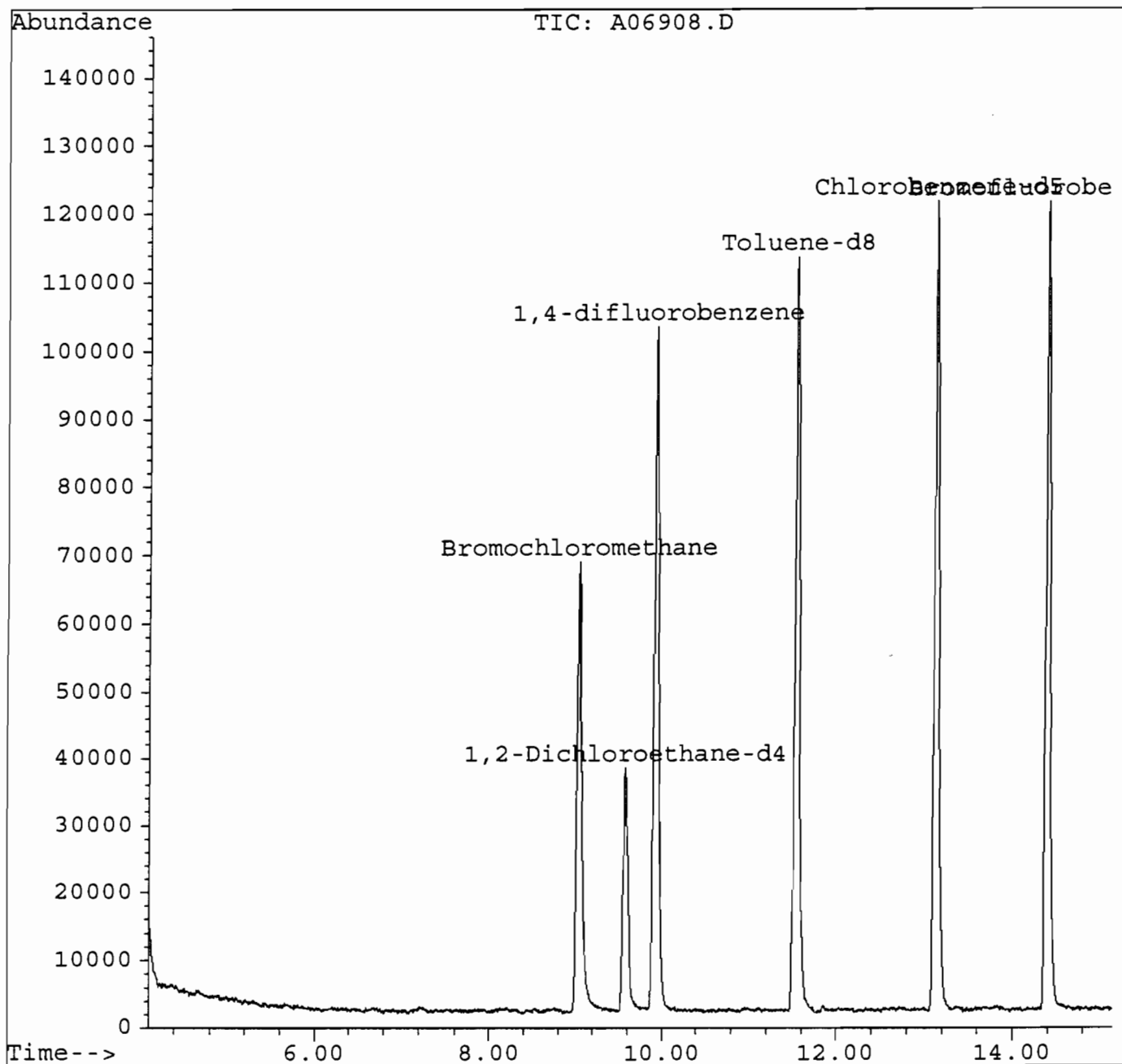
V 0252

Quantitation Report

Data File : S:\MS\MS2\OCT95\A06908.D
Acq On : 1 Oct 95 3:45 am
Sample : 9527156 TRIP BLANK
Misc : 9527156
Quant Time: Oct 6 12:54 1995

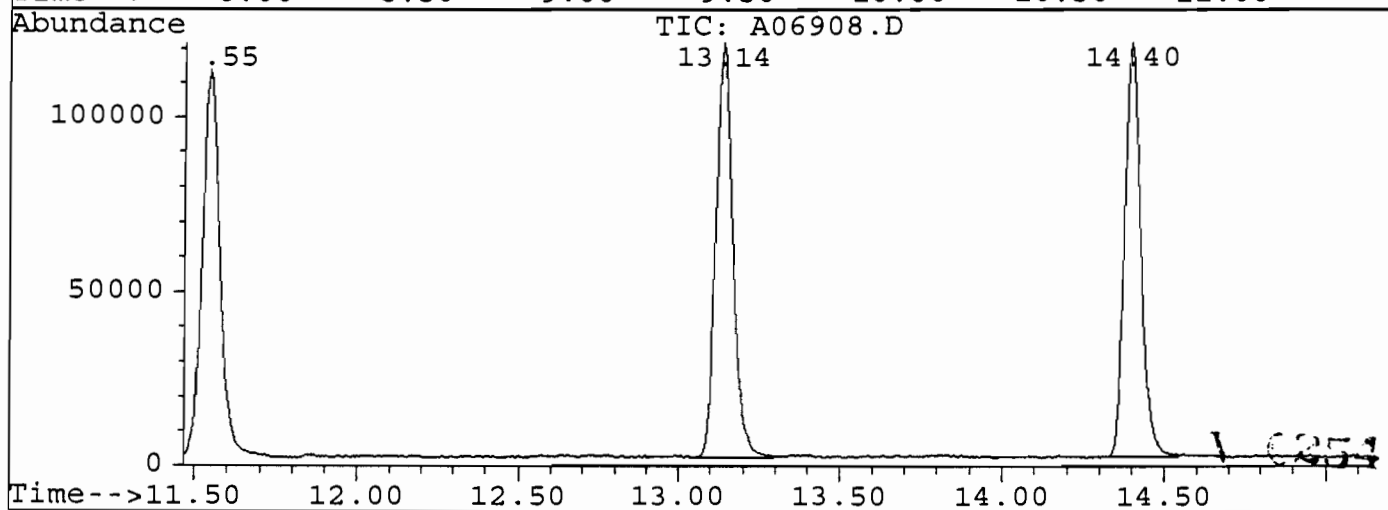
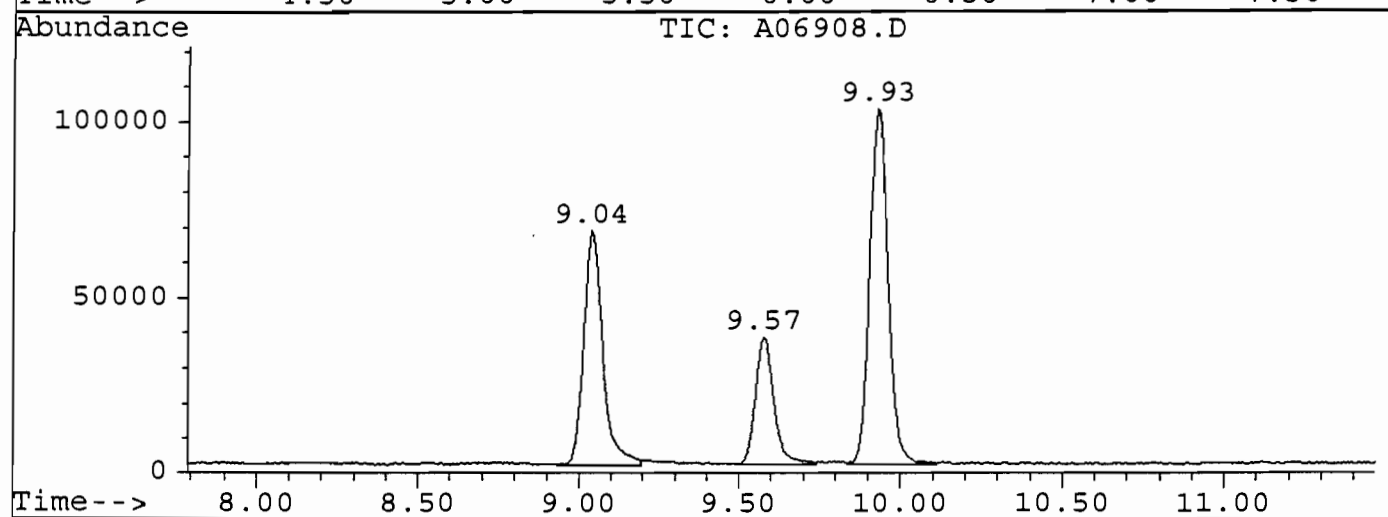
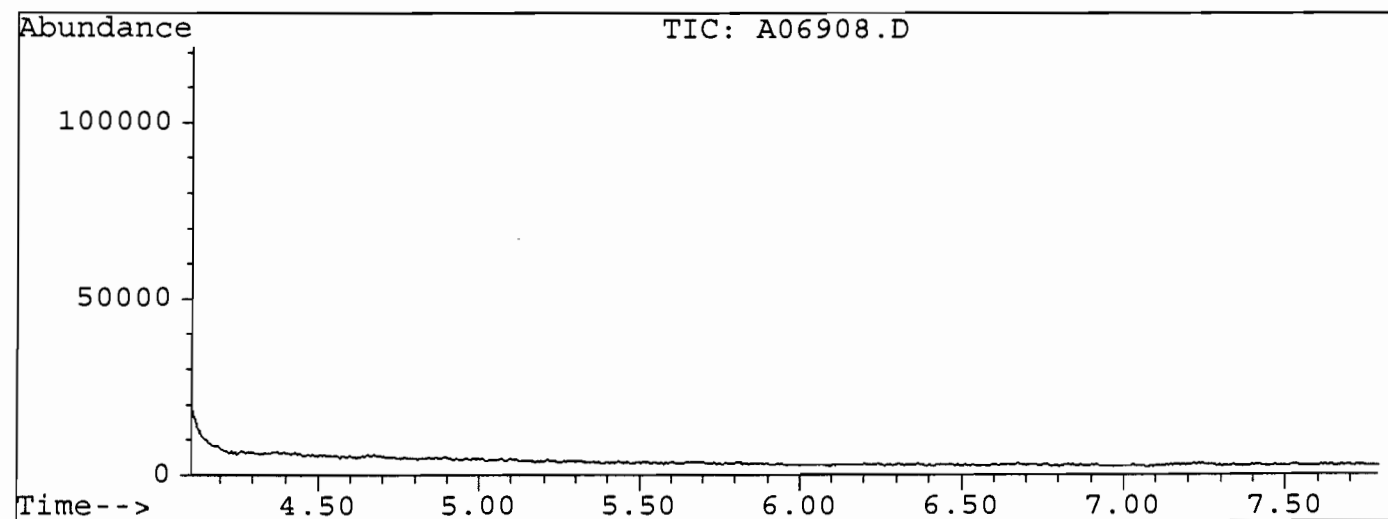
Vial: 23
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



1 0253

File : S:\MS\MS2\OCT95\A06908.D
Operator : MSD
Acquired : 1 Oct 95 3:45 am using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527156 TRIP BLANK
Misc Info : 9527156
Vial Number: 23



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06908.D
 Acq On : 1 Oct 95 3:45
 Sample : 9527156 TRIP BLANK
 Misc : 9527156
 Quant Time: Oct 6 12:54 1995

Vial: 23
 Operator: MSD
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Fri Oct 06 12:30:34 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06886.D

Internal Standards	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.04	128		42269	50.00	UG/L	0.02
21) 1,4-difluorobenzene	9.93	114		185625	50.00	UG/L	0.02
33) Chlorobenzene-d5	13.14	117		153142	50.00	UG/L	0.00
System Monitoring Compounds							%Recovery
18) 1,2-Dichloroethane-d4	9.57	65		42223	46.39	UG/L	
34) Toluene-d8	11.55	98		158692	50.06	UG/L	
43) Bromofluorobenzene	14.40	95		101103	46.22	UG/L	

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06908.D
Acq On : 1 Oct 95 3:45 am
Sample : 9527156 TRIP BLANK
Misc : 9527156

Vial: 23
Operator: MSD
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

V 0256

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.037	rBV	0.260	278833	8.937	9.197
2	9.574	rBV	0.248	145449	9.492	9.740
3	9.929	rVB	0.278	393459	9.834	10.112
4	11.545	rVB	0.313	429185	11.457	11.770
5	13.138	rBV	0.237	431597	13.055	13.292
6	14.401	rBV	0.219	417208	14.324	14.543

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK_{74L}

Lab Name: H2M LABS, INC Contract: C003180

Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927

Matrix: (soil/water) WATER Lab Sample ID: 9527343

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06994.D

Level: (low/med) LOW Date Received: 09/29/95

% Moisture: not dec. _____ Date Analyzed: 10/04/95

GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

V 0258

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK

Lab Name: H2M LABS, INC Contract: C003180
Lab Code: 10478 Case No.: SH095 SAS No.: _____ SDG No.: 0927
Matrix: (soil/water) WATER Lab Sample ID: 9527343
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A06994.D
Level: (low/med) LOW Date Received: 09/29/95
% Moisture: not dec. _____ Date Analyzed: 10/04/95
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
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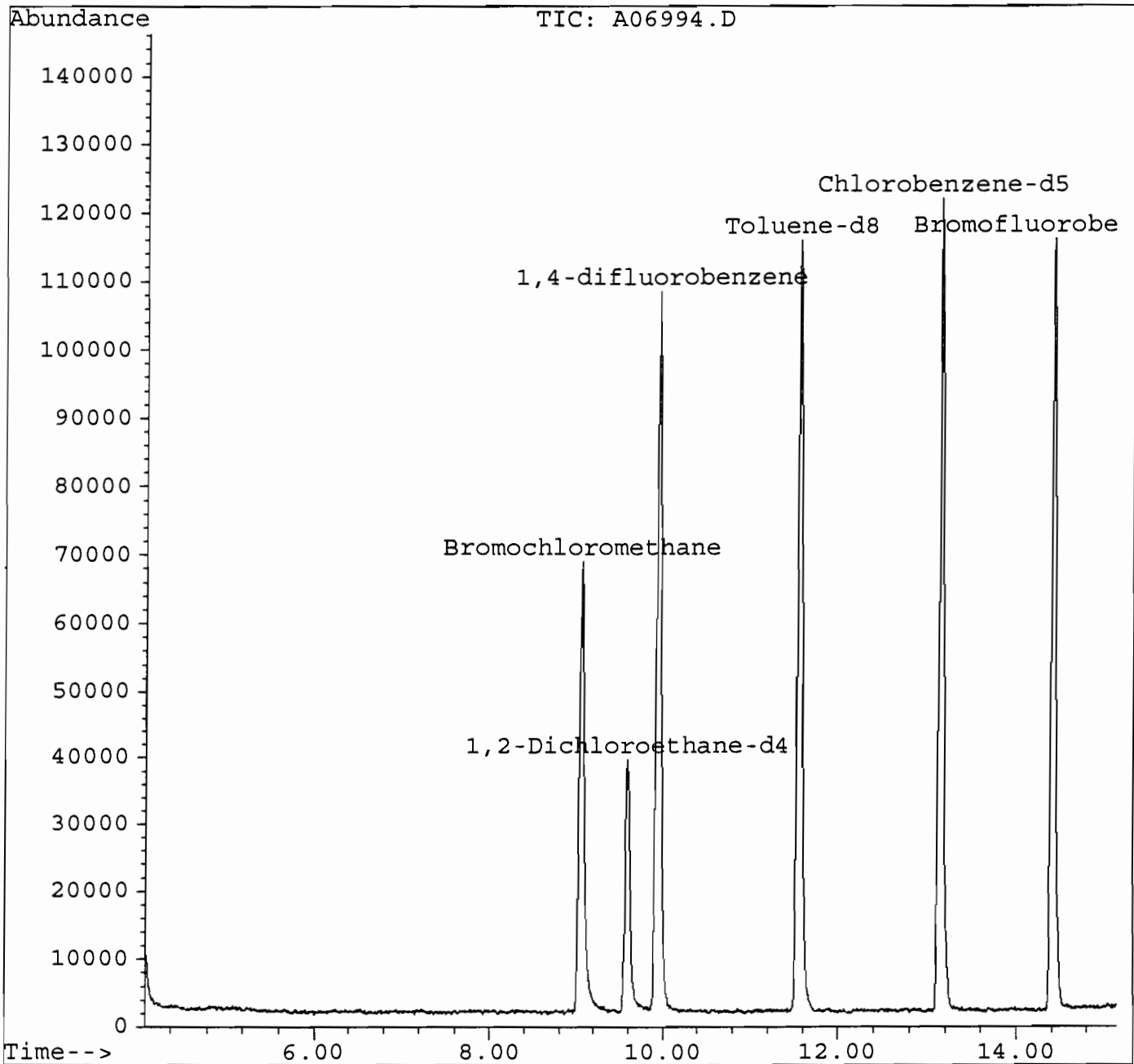
V C259

Quantitation Report

Data File : S:\MS\MS2\OCT95\A06994.D
Acq On : 4 Oct 95 9:29 pm
Sample : 9527343, TRIPBLANK
Misc : 5ML
Quant Time: Oct 11 15:12 1995

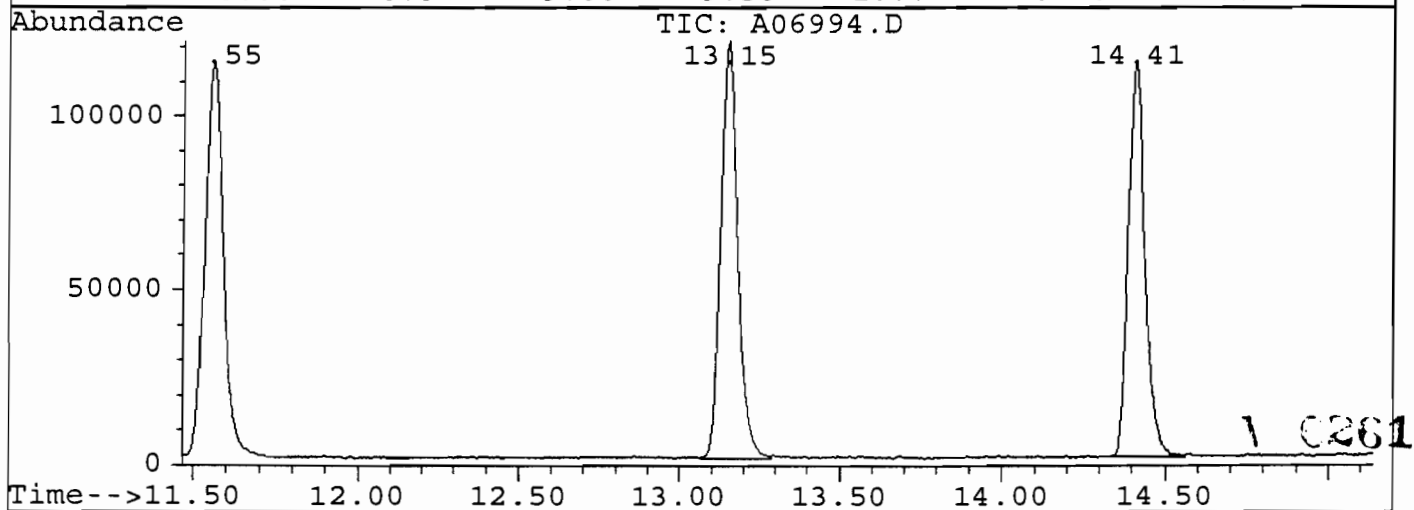
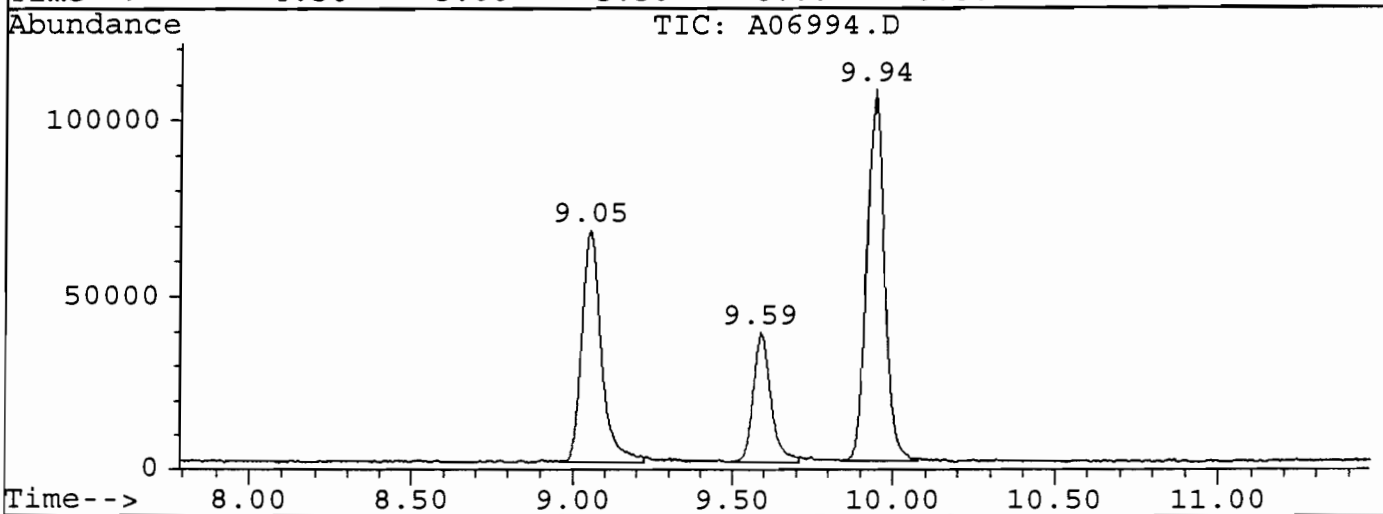
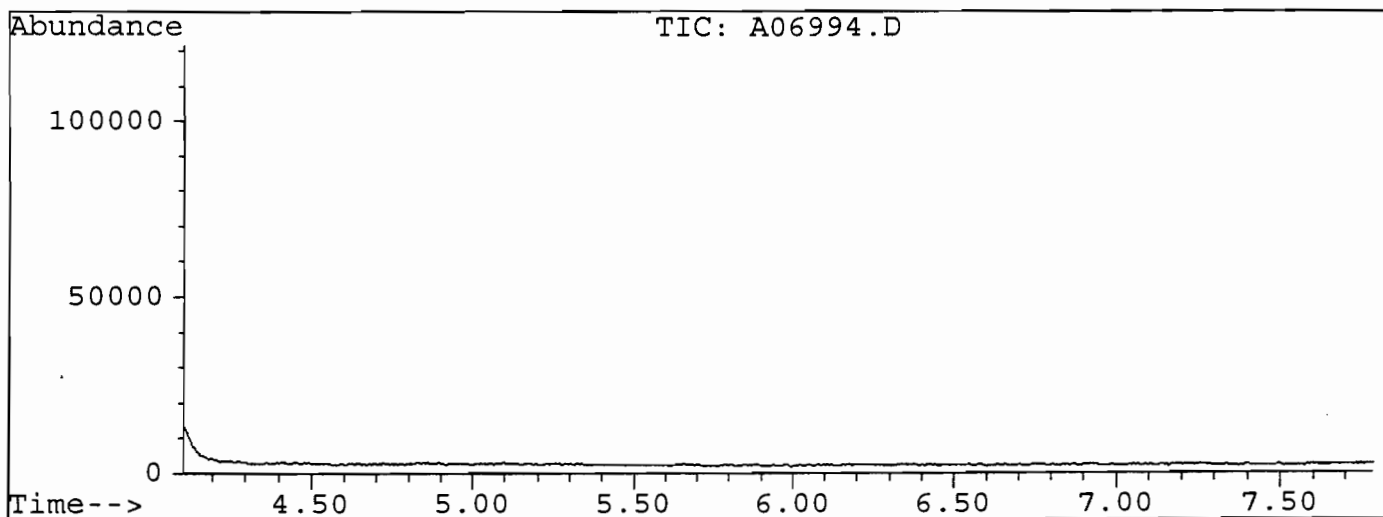
Vial: 24
Operator: JOHN
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Last Update : Wed Oct 11 14:44:19 1995
Response via : Single Level Calibration



V C260

File : S:\MS\MS2\OCT95\A06994.D
Operator : JOHN
Acquired : 4 Oct 95 9:29 pm using AcqMethod VEPAW
Instrument : H5971
Sample Name: 9527343, TRIPBLANK
Misc Info : 5ML
Vial Number: 24



Quantitation Report

Data File : S:\MS\MS2\OCT95\A06994.D
 Acq On : 4 Oct 95 21:29
 Sample : 9527343, TRIPBLANK
 Misc : 5ML
 Quant Time: Oct 11 15:12 1995

Vial: 24
 Operator: JOHN
 Inst : H5971
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
 Title : VOA CLP WATER METHOD
 Last Update : Wed Oct 11 14:44:19 1995
 Response via : Continuing Cal File: C:\HPCHEM\1\DATA\A06968.D

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	9.05	128	43581	50.00	UG/L	0.00
21) 1,4-difluorobenzene	9.94	114	191837	50.00	UG/L	0.00
33) Chlorobenzene-d5	13.15	117	156031	50.00	UG/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	%Recovery
18) 1,2-Dichloroethane-d4	9.59	65	43078	48.63	UG/L	
34) Toluene-d8	11.55	98	165359	50.84	UG/L	
43) Bromofluorobenzene	14.41	95	96918	44.03	UG/L	

Target Compounds Qvalue

V C262

(#) = qualifier out of range (m) = manual integration

Library Search Compound Report

Data File : S:\MS\MS2\OCT95\A06994.D
Acq On : 4 Oct 95 9:29 pm
Sample : 9527343, TRIPBLANK
Misc : SML

Vial: 24
Operator: JOHN
Inst : H5971
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\VEPAW.M
Title : VOA CLP WATER METHOD
Library : NBS75K.L

No Library Search Compounds Detected

V 0263

IC: A06994.D

9527343, TRIPBLANK

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	9.051	rBV	0.266	285453	8.957	9.222
2	9.586	rBV	0.205	148071	9.505	9.710
3	9.942	rBV	0.236	405266	9.842	10.078
4	11.554	rVB	0.277	438824	11.460	11.737
5	13.152	rBV	0.225	438327	13.063	13.288
6	14.413	rBV	0.230	400483	14.330	14.560

V C264