NJDEP #08555
EPA #38-005
NJDEP #77371

134308

WASTEX
INDUSTRIES OF N.J., INC.

Licensed Analytical Laboratories

P.O. Box 247
510 Heron Drive, Suite 107
Bridgeport, NJ 08014-0247
609/467-0380

28 S. Hanover Street
Pottstown, PA 19464
215/327-0880

CLIENT: Weston-Sper
53 Haddonfield Road
Cherry Hill, N.J. 08002

PROJECT: Wm. Dick Lagoon Site
(Blozenski Landfill)

DATE RECEIVED: 5/22/87

Richard W. Lynch
DIRECTOR

AR400001

LABORATORY CHRONICLE

DATE

RECEIPT/REFRIGERATION 5/22/87

ORGANICS EXTRACTION

1. Acids N/A
2. Base/Neutrals N/A
3. Pesticides/PCB's N/A
4. Dioxin N/A

ANALYSIS

1. Volatiles 5/22/87 thru 5/27/87
2. Acids N/A
3. Base Neutrals N/A
4. Pesticides/PCB's N/A
5. Dioxin N/A

Section Supervisor Review & Approval _____

INORGANICS

1. Metals N/A
2. Cyanides N/A
3. Phenols N/A

OTHER ANALYTES

_____

_____

AR400004

Section Supervisor Review & Approval _____

Quality Control Supervisor Review & Approval RWL

If fractions are re-extracted and re analyzed because initial endeavors did not meet quality control acceptance criteria, include dates for both.

ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

B0641-00001

REGION 3
Curtis Bldg., 6th & Walnut Sts.
Philadelphia, Pennsylvania 19106

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: WM. DICK LAGOON SITE (BLOZENSKI LANDFILL)

SAMPLERS: (Signature) Mark A. Lucca / Tracy A. Catanese / Carol E. Mabell / Mark Tucker

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	40ml VOA						REMARKS
1	5/21/87	1105		✓	Gabel	3	3						Analysis:
2	↑	1117		✓	Shank	3	3						VOA via EPA 624
3		1143		✓	Guie	3	3						
4		1203		✓	Shannon	3	3						QA/QC:
5		1217		✓	Koontz	3	3						3 matrix spike for VOA
6		1233		✓	Ostrobky	3	3						3 Duplicate for VOA
7		1420		✓	Whiteman	3	3						
8		1435		✓	Alexander	3	3						*VOA should be analyzed
9		1500		✓	Gregor	3	3						within 5 days
10		1525		✓	Leake	3	3						
11		1635		✓	Warren	3	3						
12		1610		✓	Schaffer	3	3						
13		1620		✓	Ranstein	3	3						
14	↓	1640		✓	Smith	3	3						
15	5/21/87	1705		✓	West	3	3						

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Mark Tucker	5/22/87 1600	Karl Strachan			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: direct any questions and results to: Bhupi Khona, Roy F. Weston, Inc., 53 Haddonfield Road #306, Cherry Hill, NJ 08002 (609) 482-0222	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

AR400005

ENVIRONMENTAL PROTECTION AGENCY
Off f Enforcement

B0002-01

REGION 3
Curtis Bldg., 6 Walnut Sts.
Philadelphia, Pennsylvania 19106

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: WM. DICK LAGOON SITE (BLOZENSKI LANDFILL)

SAMPLERS: (Signature) Tracy A. Catanese, Mark A. Lucca, Carol E. Mackey, Mark Tucker

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	40ml VOA						REMARKS
20	5/21/87	1050		✓	Mees	3	3						- instructions on previous page
21		1116		✓	Thompson	3	3						
22		1140		✓	Timmons	3	3						
23		1200		✓	Bedrick	3	3						
24		1435		✓	Monachello	3	3						
25		1505		✓	Willis	3	3						
26		1523		✓	Hartwyck	3	3						
27		1545		✓	Gerber	3	3						
28		1610		✓	Grisoni	3	3						
29	5/21/87	1630		✓	Blank	3	3						

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Mark Tucker	5/22/87 1600	Frank Strachan			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

AR400006

3-37

#1

Sample Number
80647

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of MJ
Lab Sample ID: >B1244::02
Sample Matrix: WATER
Data release Authorized by: Richard W Lynch

Case No.: N/A
QC Report No.: 46
Contract No.: N/A
Date Sample Received: 22 MAY 87

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/22/87 17:12
Conc/Dil Factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/L or ug/Kg (Circle One)		C.A.S. Number		ug/L or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	[illegible]	U	124-48-1	Dibromochloromethane	5.	U
107-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	5.	U	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	10.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethene	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	1.	J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

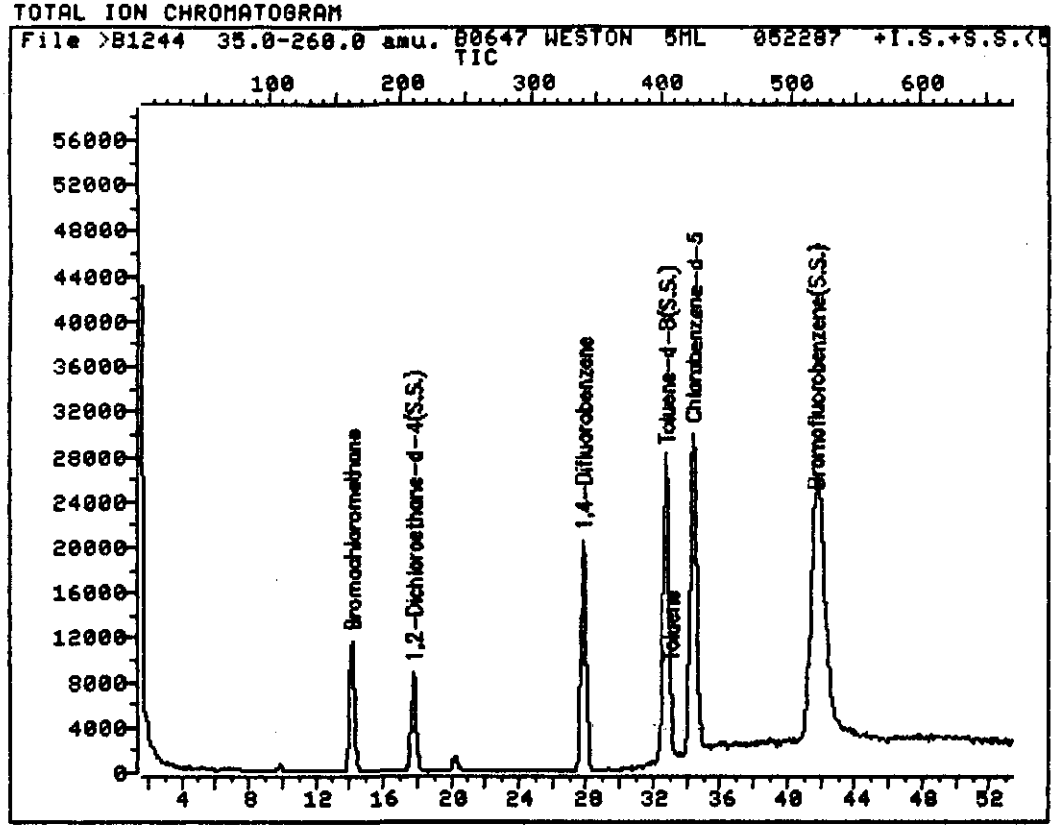
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

ARC00007

TOTAL ION CHROMATOGRAM

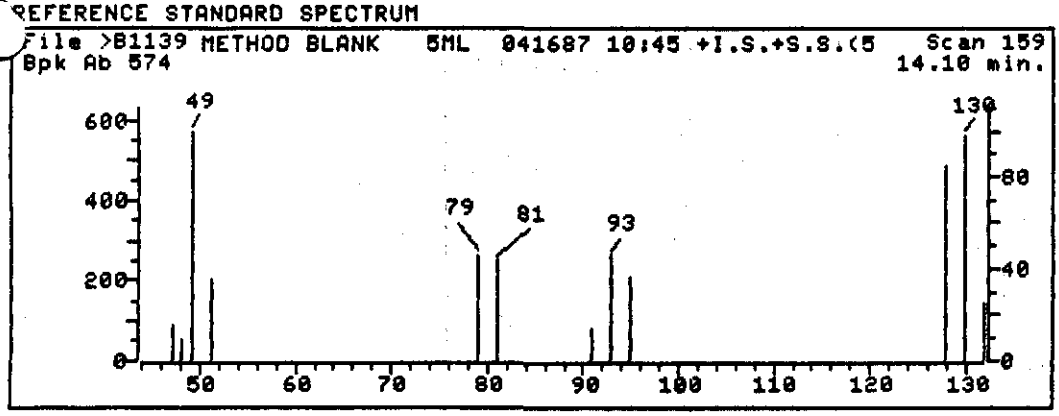


Data File: >B1244::D2 Quant Output File: ^B1244::D3
Name: B0647 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)

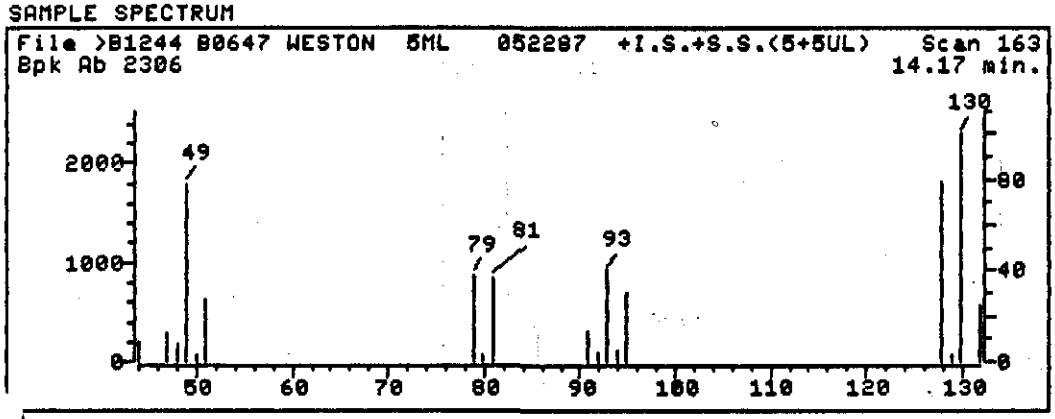
Id File: IDVOL5::D4
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870522 17:07

Operator ID: DT9093
Quant Time: 870522 18:06
Injected at: 870522 17:12

REFERENCE STANDARD SPECTRUM



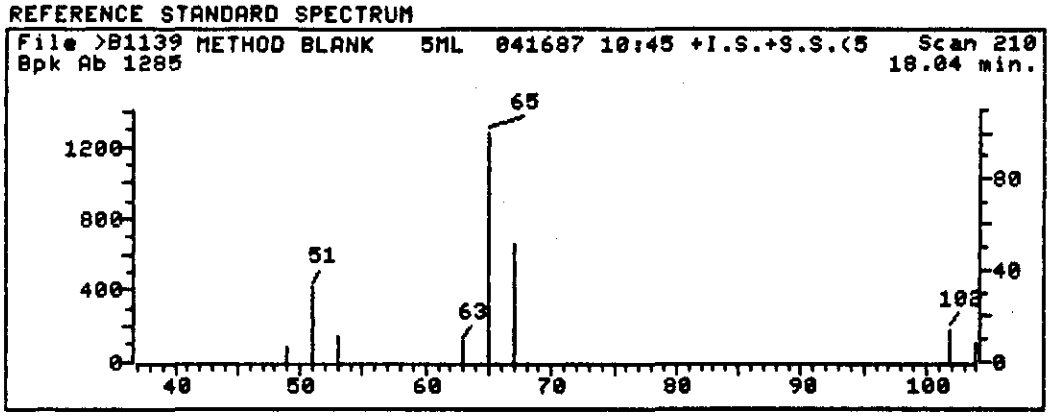
SAMPLE SPECTRUM



Data File: >B1244::D2 Quant Output File: ^B1244::D3
Name: B0647 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 18:06 Quant ID File: IDVOL5::D4
Injected at: 870522 17:12 Last Calibration: 870522 17:07

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 163
Retention Time: 14.17 min.
Quant Ion: 49.0
Area: 37307
Concentration: 50.00 UG/L
q-value: 100.

REFERENCE STANDARD SPECTRUM



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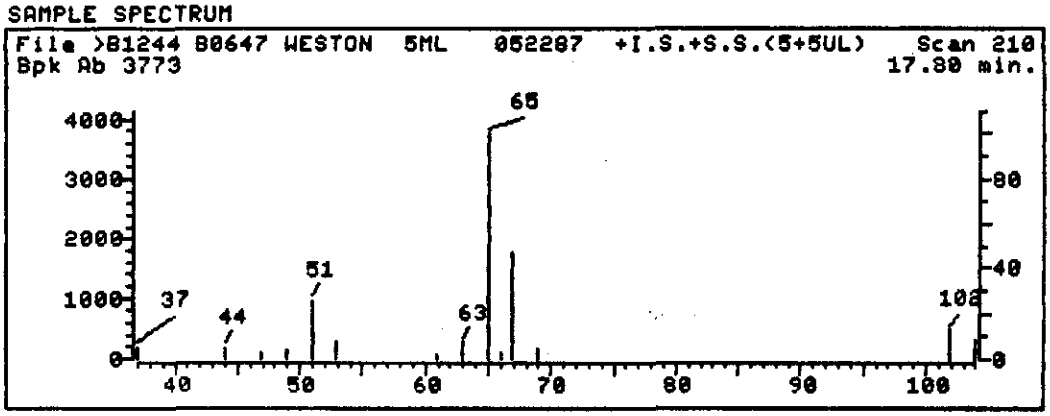

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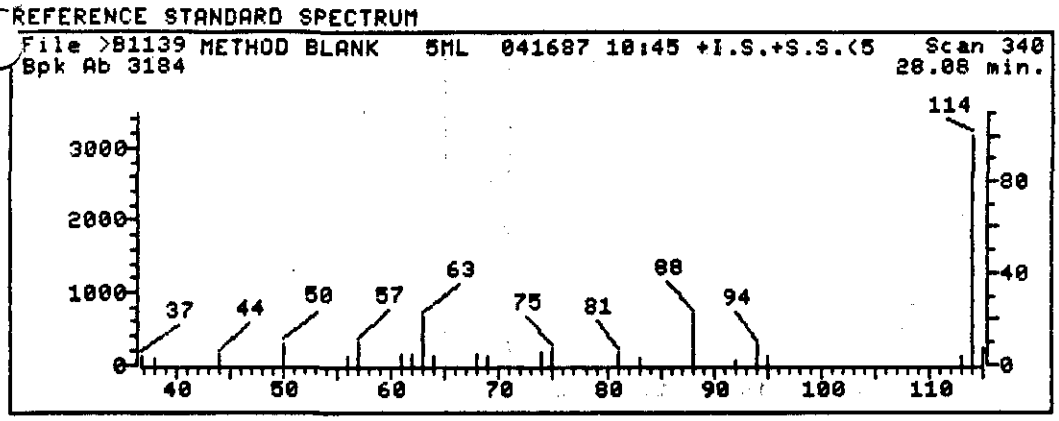
Name: B0647 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 18:06 Quant ID File: IDVOL5::D4
Injected at: 870522 17:12 Last Calibration: 870522 17:07

Compound No: 19
Compound Name: 1,2-Dichloroethane-d-4(S.S.)
Scan Number: 210
Retention Time: 17.80 min.
Quant Ion: 65.0
Area: 81322
Concentration: 46.34 UG/L
q-value: 98

REFERENCE STANDARD SPECTRUM



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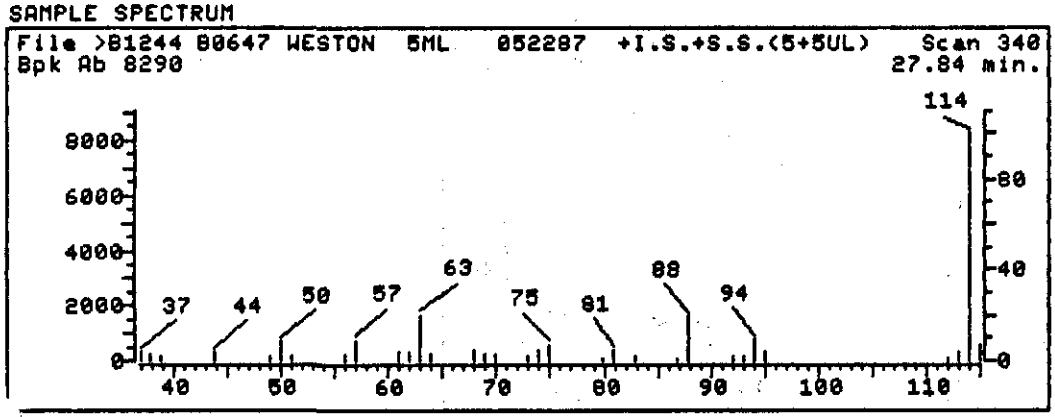

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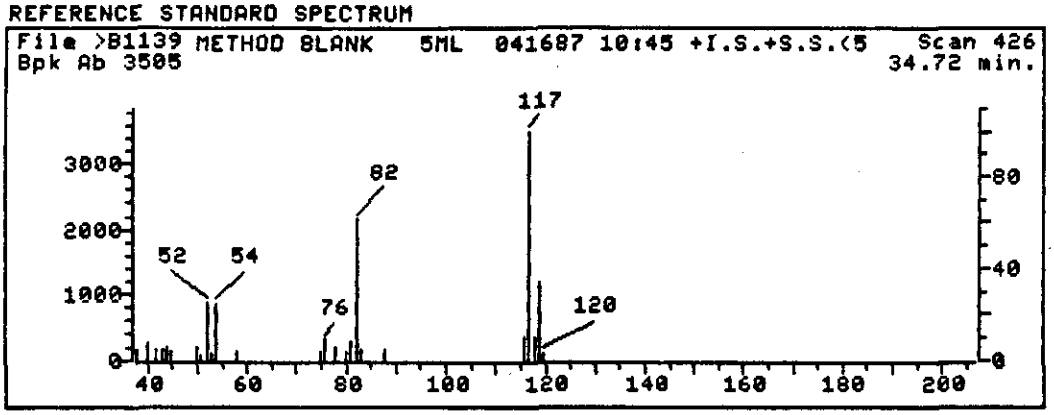
Name: B0647 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 18:06 Quant ID File: IDVOL5::D4
Injected at: 870522 17:12 Last Calibration: 870522 17:07

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 340
Retention Time: 27.84 min.
Quant Ion: 114.0
Area: 185251
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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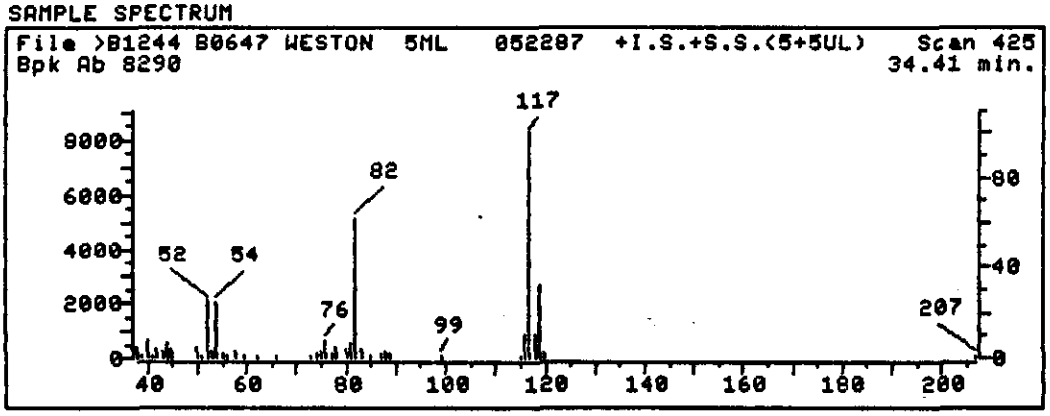
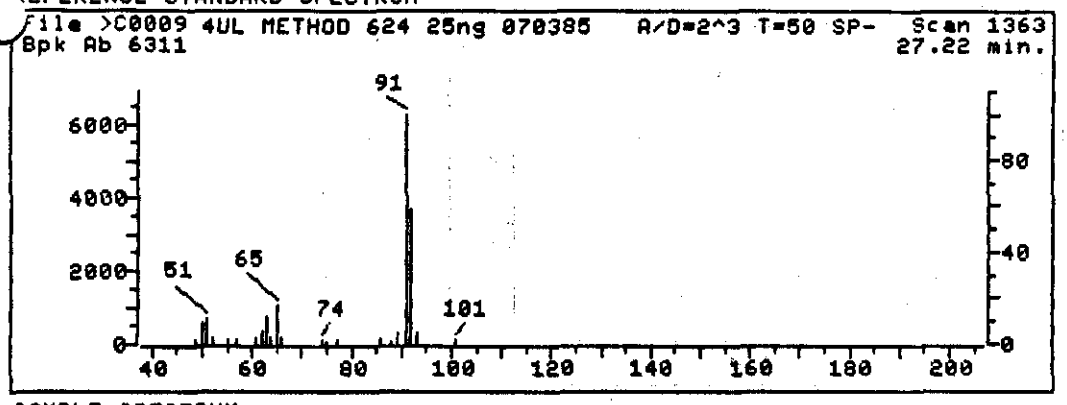


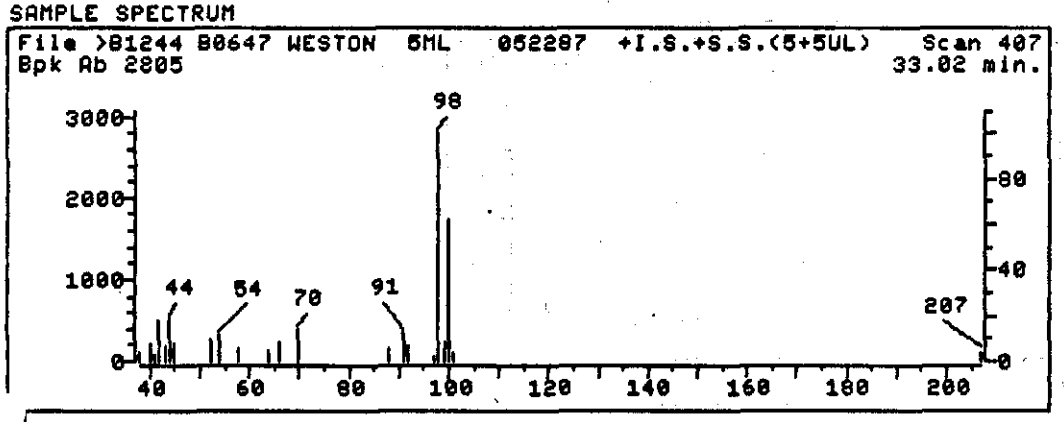
Data File: >B1244::D2 Quant Output File: ^B1244::D3
Name: B0647 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 18:06 Quant ID File: IDVOL5::D4
Injected at: 870522 17:12 Last Calibration: 870522 17:07

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d-5
Scan Number: 425
Retention Time: 34.41 min.
Quant Ion: 117.0
Area: 218905
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



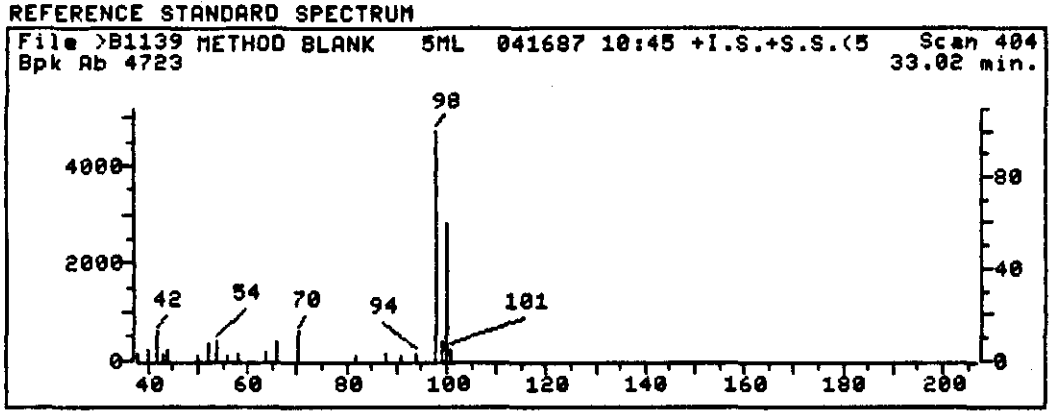
SAMPLE SPECTRUM



Data File: >B1244::D2 Quant Output File: ^B1244::D3
Name: B0647 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 18:06 Quant ID File: IDVOL5::D4
Injected at: 870522 17:12 Last Calibration: 870522 17:07

Compound No: 39
Compound Name: Toluene
Scan Number: 407
Retention Time: 33.02 min.
Quant Ion: 91.0
Area: 7329
Concentration: 1.36 UG/L
q-value: 97

REFERENCE STANDARD SPECTRUM



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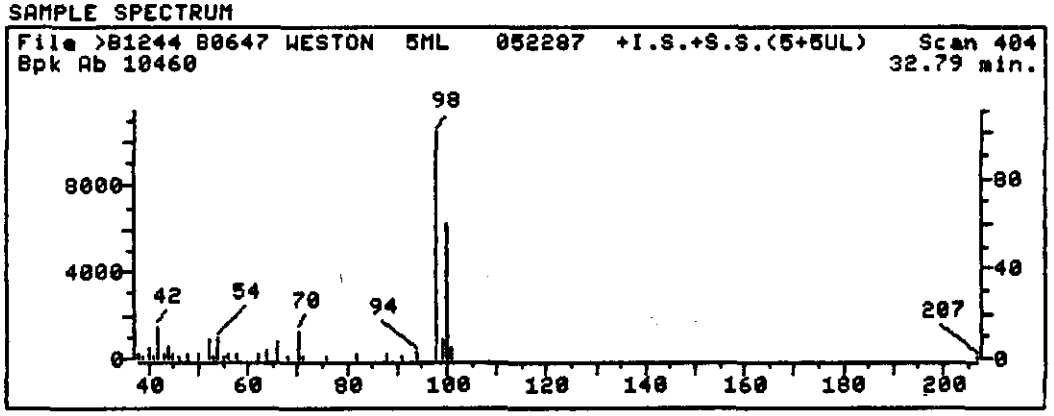

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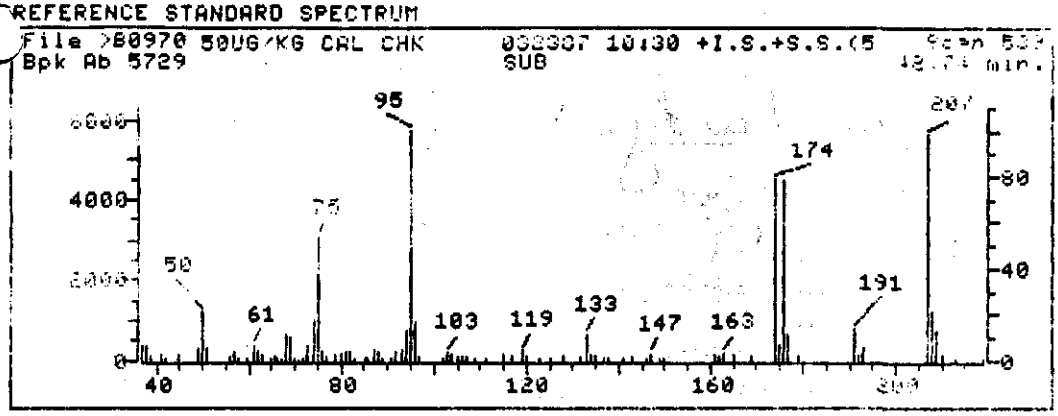
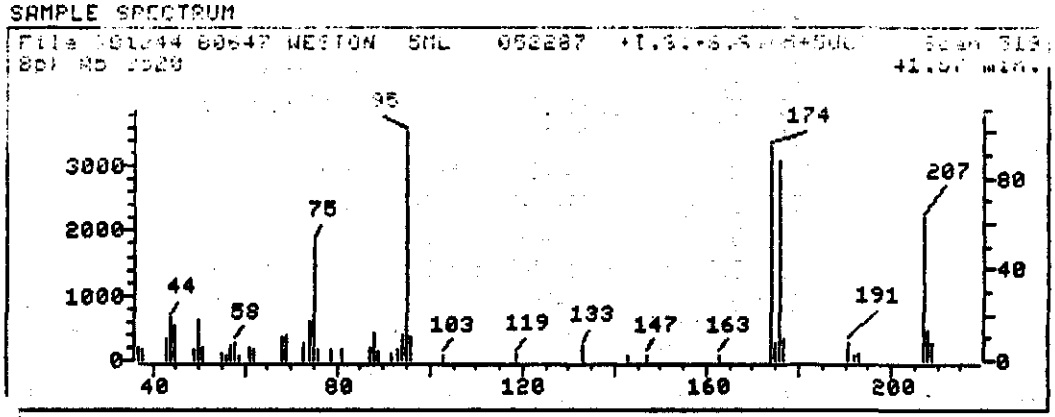
Name: B0647 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 18:06 Quant ID File: IDVOL5::D4
Injected at: 870522 17:12 Last Calibration: 870522 17:07

Compound No: 40
Compound Name: Toluene-d-8(S.S.)
Scan Number: 404
Retention Time: 32.79 min.
Quant Ion: 98.0
Area: 251919
Concentration: 51.80 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >B1244::D2 Quant Output File: ^B1244::D3
Name: B0647 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 18:06 Quant ID File: IDVOL5::D4
Injected at: 870522 17:12 Last Calibration: 870522 17:07

Compound No: 44
Compound Name: Bromofluorobenzene(S.S.)
Scan Number: 519
Retention Time: 41.67 min.
Quant Ion: 95.0
Area: 170588
Concentration: 52.18 UG/L
q-value: 100

+2

Sample Number
80648

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >B1245::D2
Sample Matrix: WATER
Data release Authorized by: Richard W Lynch

Case No.: N/A
QC Report No.: 46
Contract No.: N/A
Date Sample Received: 22 MAY 87

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/22/87 19:12
Conc/Dil factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/L or ug/Kg (Circle One)		C.A.S. Number		ug/L or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
107-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	1.	B,J	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	10.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	1.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-6	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

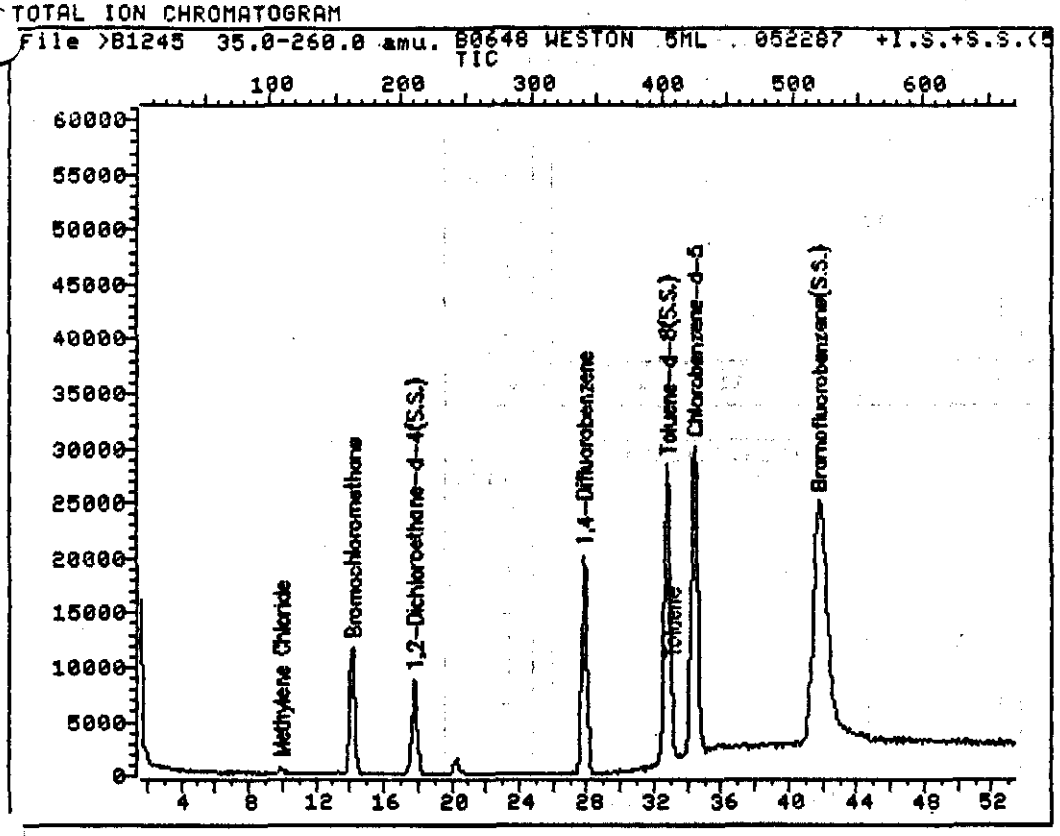
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

AR400076

TOTAL ION CHROMATOGRAM

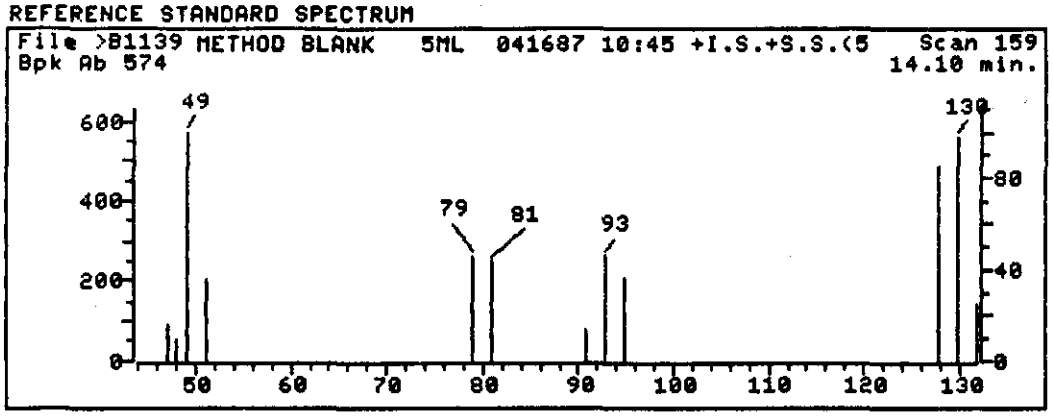


Data File: >B1245::D2 Quant Output File: ^B1245::D3
Name: B0648 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)

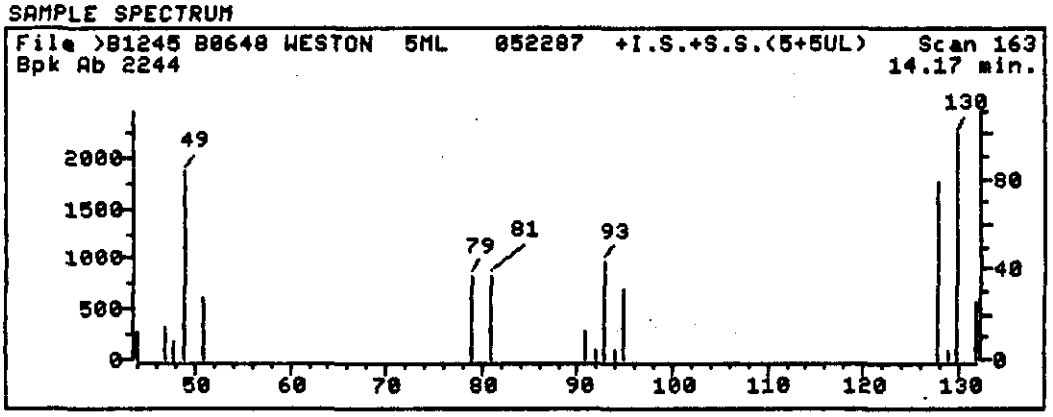
Id File: IDVOL5::D4
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870522 17:07

Operator ID: DT9093
Quant Time: 870522 19:06
Injected at: 870522 18:12

REFERENCE STANDARD SPECTRUM



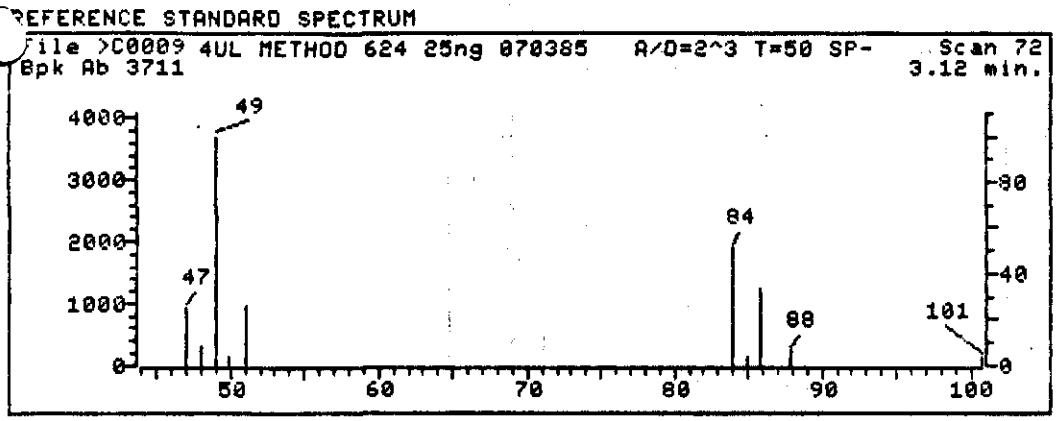
SAMPLE SPECTRUM



Data File: >B1245::D2 Quant Output File: ^B1245::D3
Name: B0648 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 19:06 Quant ID File: IDVOL5::D4
Injected at: 870522 18:12 Last Calibration: 870522 17:07

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 163
Retention Time: 14.17 min.
Quant Ion: 49.0
Area: 38937
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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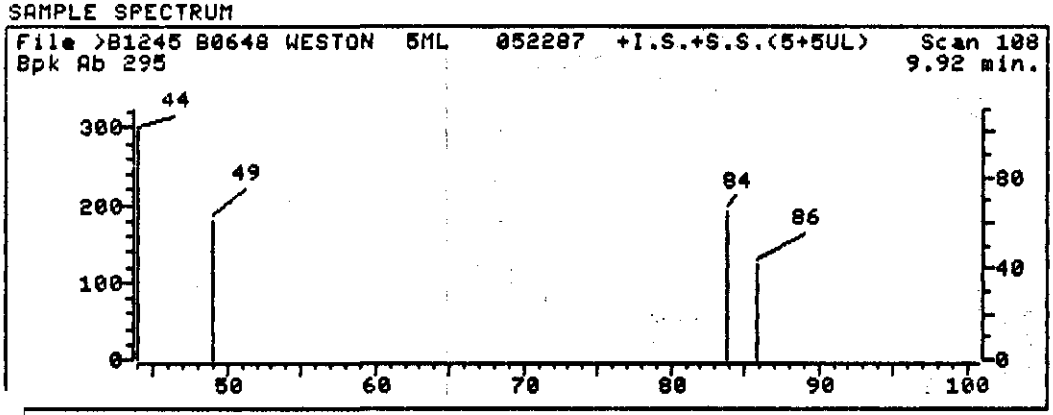
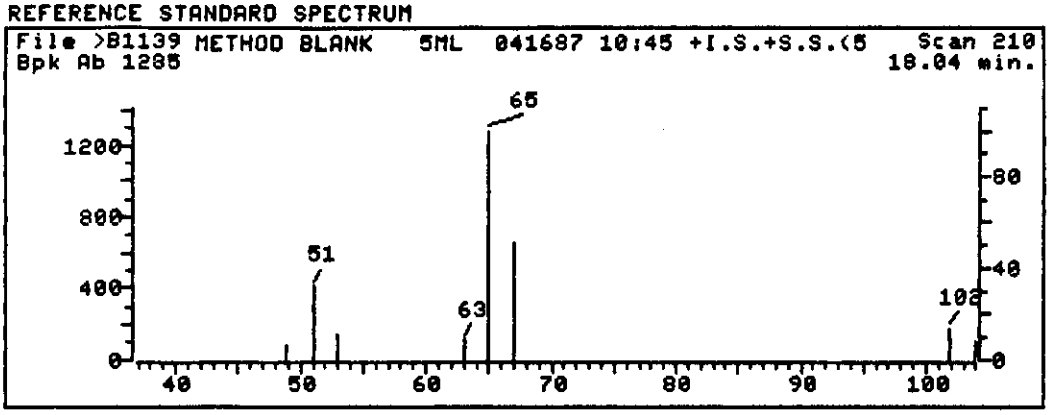


Data File: >B1245::D2 Quant Output File: ^B1245::D3
Name: B0648 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 19:06 Quant ID File: IDVOL5::D4
Injected at: 870522 18:12 Last Calibration: 870522 17:07

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 108
Retention Time: 9.92 min.
Quant Ion: 49.0
Area: 2192
Concentration: 1.42 UG/L
q-value: 22.

REFERENCE STANDARD SPECTRUM



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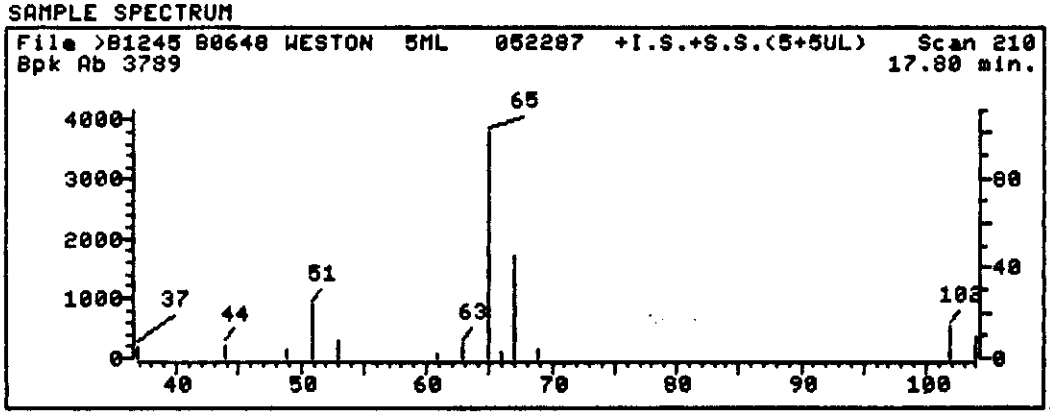
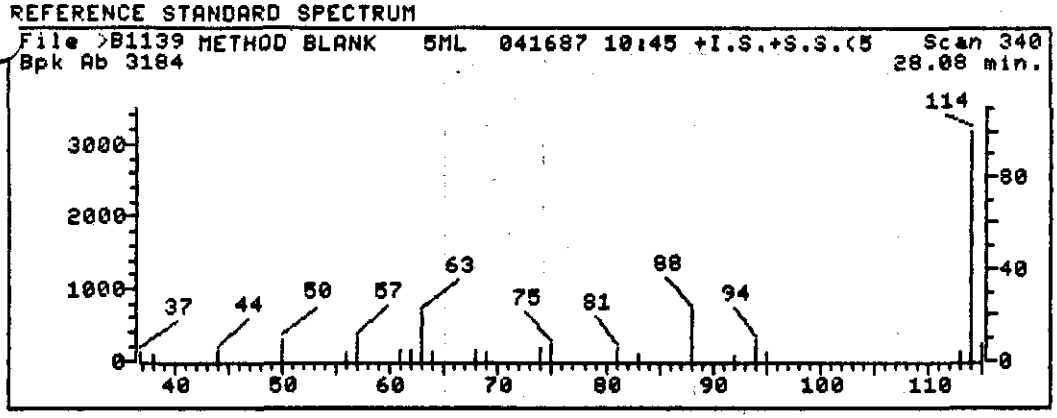


Data File: >B1245::D2 Quant Output File: ^B1245::D3
Name: B0648 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 19:06 Quant ID File: IDVOL5::D4
Injected at: 870522 18:12 Last Calibration: 870522 17:07

Compound No: 19
Compound Name: 1,2-Dichloroethane-d-4(S.S.)
Scan Number: 210
Retention Time: 17.80 min.
Quant Ion: 65.0
Area: 82748
Concentration: 45.18 UG/L
q-value: 95

REFERENCE STANDARD SPECTRUM



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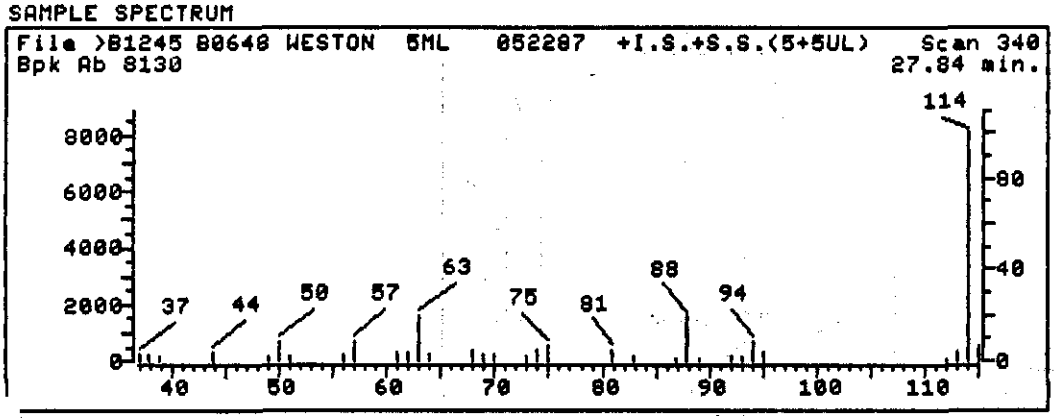
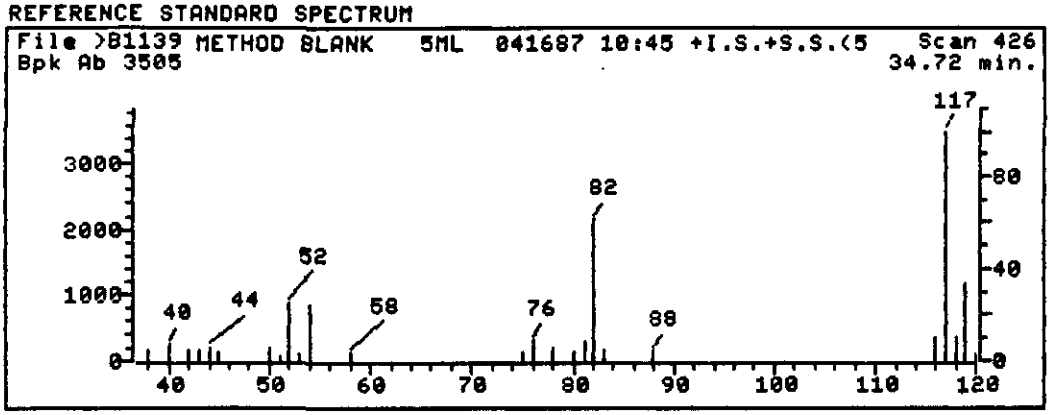


Data File: >B1245::D2 Quant Output File: ^B1245::D3
Name: B0648 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 19:06 Quant ID File: IDVOL5::D4
Injected at: 870522 18:12 Last Calibration: 870522 17:07

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 340
Retention Time: 27.84 min.
Quant Ion: 114.0
Area: 182286
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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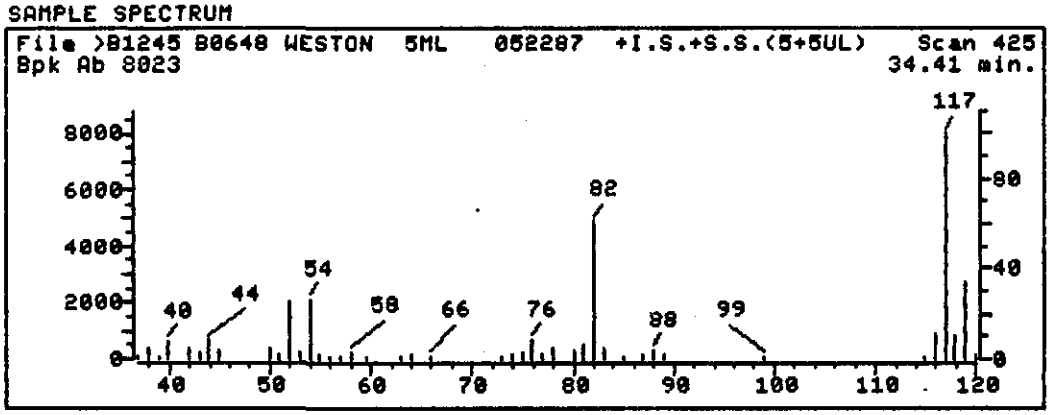
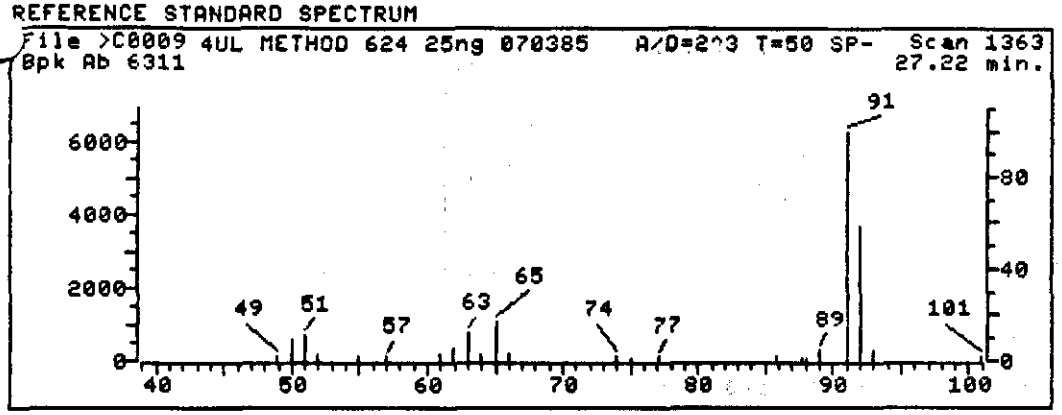


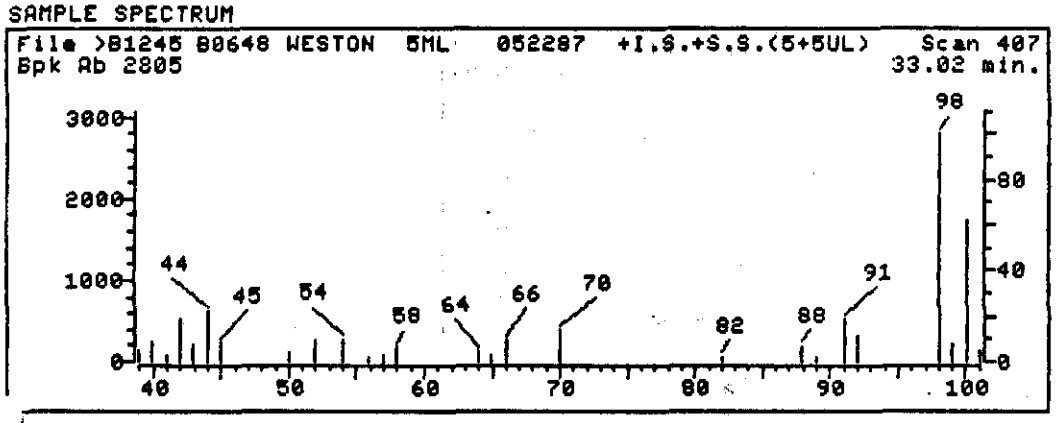
Data File: >B1245::D2 Quant Output File: ^B1245::D3
Name: B0648 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 19:06 Quant ID File: IDVOL5::D4
Injected at: 870522 18:12 Last Calibration: 870522 17:07

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d-5
Scan Number: 425
Retention Time: 34.41 min.
Quant Ion: 117.0
Area: 214724
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



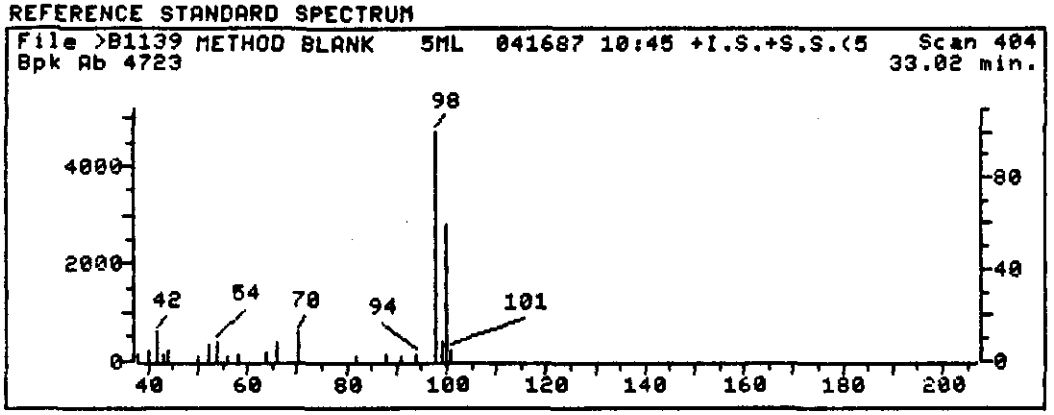
SAMPLE SPECTRUM



Data File: >B1245::D2 Quant Output File: ^B1245::D3
Name: B0648 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 19:06 Quant ID File: IDVOL5::D4
Injected at: 870522 18:12 Last Calibration: 870522 17:07

Compound No: 39
Compound Name: Toluene
Scan Number: 407
Retention Time: 33.02 min.
Quant Ion: 91.0
Area: 12541
Concentration: 2.37 UG/L
q-value: 97

REFERENCE STANDARD SPECTRUM



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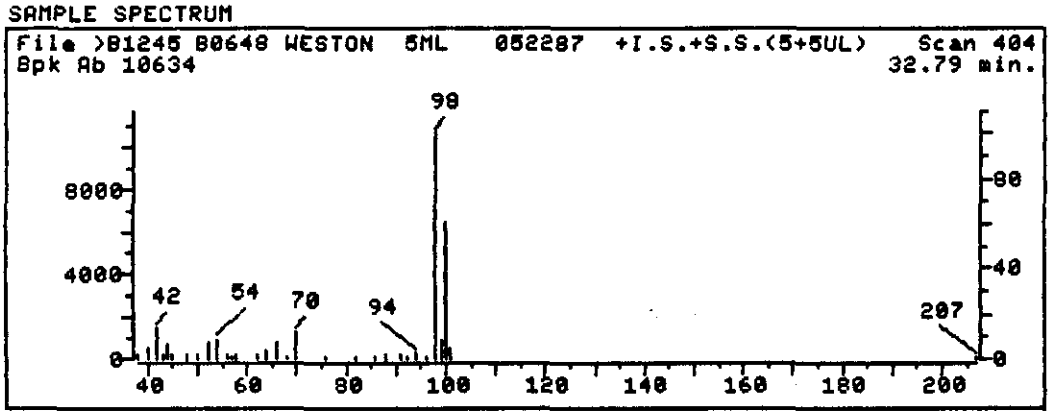
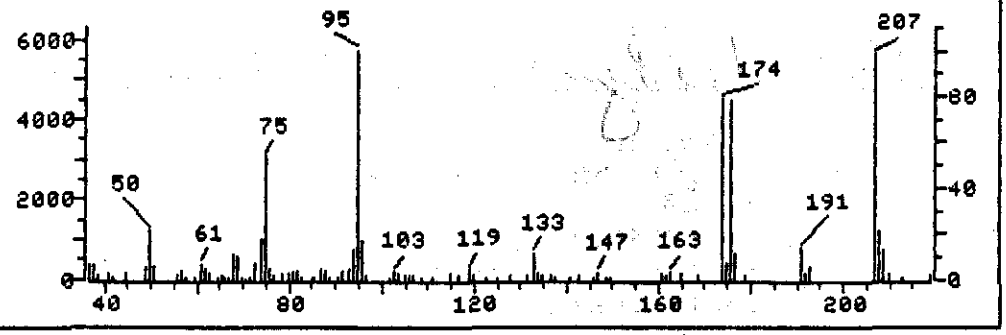


Data File: >B1245::D2 Quant Output File: ^B1245::D3
Name: B0648 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 19:06 Quant ID File: IDVOL5::D4
Injected at: 870522 18:12 Last Calibration: 870522 17:07

Compound No: 40
Compound Name: Toluene-d-8(S.S.)
Scan Number: 404
Retention Time: 32.79 min.
Quant Ion: 98.0
Area: 249858
Concentration: 52.38 UG/L
q-value: 100

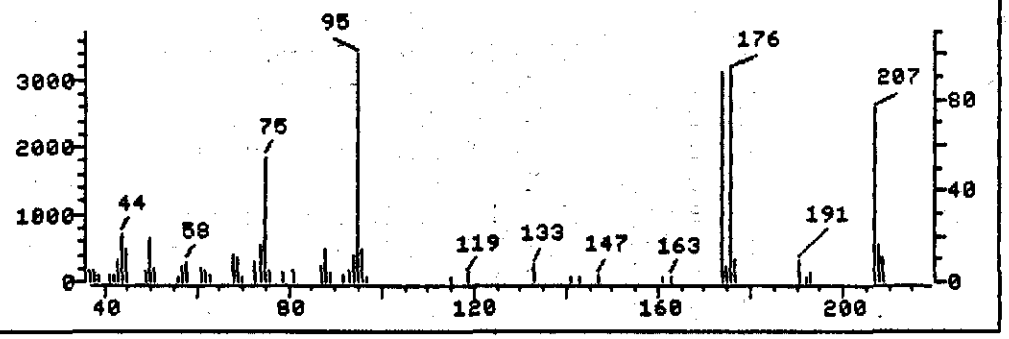
REFERENCE STANDARD SPECTRUM

File >B0970 50UG/KG CAL CHK 032387 10:30 +I.S.+S.S.(5 Scan 539
Bpk Ab 5729 SUB 42.74 min.



SAMPLE SPECTRUM

File >B1245 B0648 WESTON 5ML 052287 +I.S.+S.S.(5+5UL) Scan 520
Bpk Ab 3399 41.75 min.



Data File: >B1245::D2 Quant Output File: ^B1245::D3
Name: B0648 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 19:06 Quant ID File: IDVOL5::D4
Injected at: 870522 18:12 Last Calibration: 870522 17:07

Compound No: 44
Compound Name: Bromofluorobenzene(S.S.)
Scan Number: 520
Retention Time: 41.75 min.
Quant Ion: 95.0
Area: 166092
Concentration: 51.79 UG/L
q-value: 100

#3

Sample Number
B0649

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >B1246::D2
Sample Matrix: WATER
Data release Authorized by: Richard W Lynch

Case No.: N/A
QC Report No.: 46
Contract No.: N/A
Date Sample Received: 12 MAY 87

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/22/87 19:15
Conc/Dil factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/L or ug/Kg (Circle One)		C.A.S. Number		ug/L or ug/Kg (Circle One)	
74-87-3	Chloromethane	5.	J	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	140.	
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
107-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	6.	B	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	10.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	2.	J	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	4.	J	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	1.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a concentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

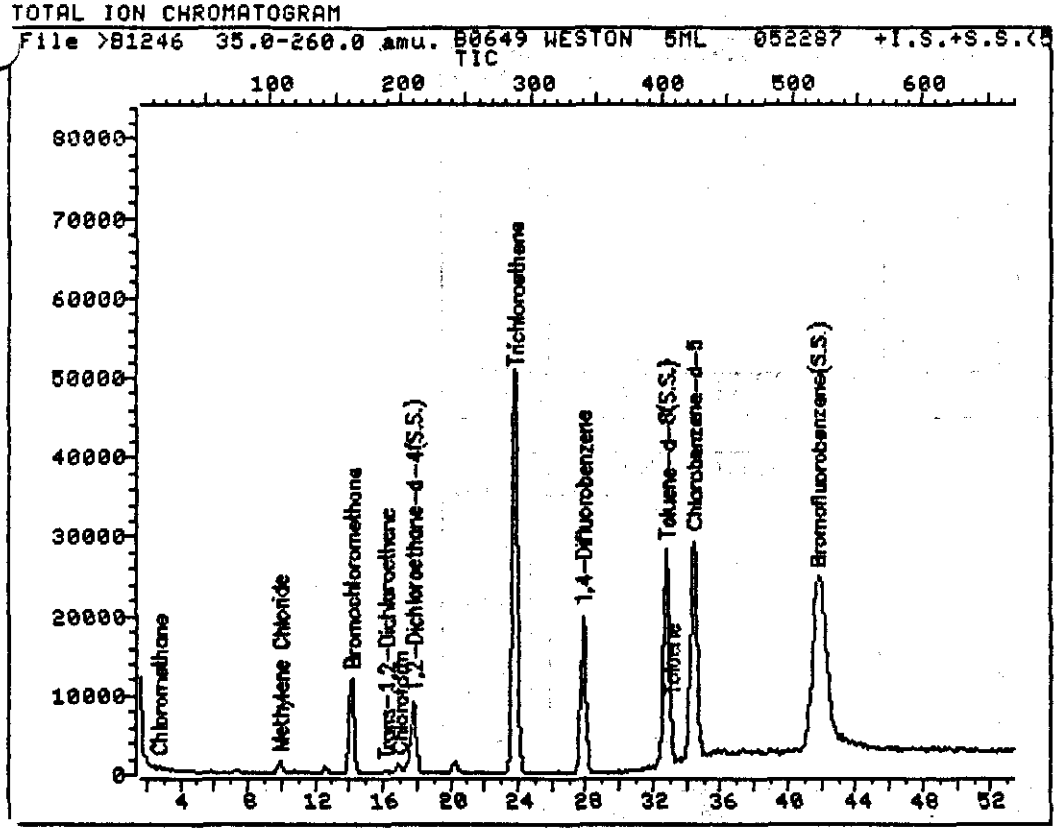
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

AR400026

OPTIONAL FLAGS

N - Compound not present in Calibration File.

TOTAL ION CHROMATOGRAM

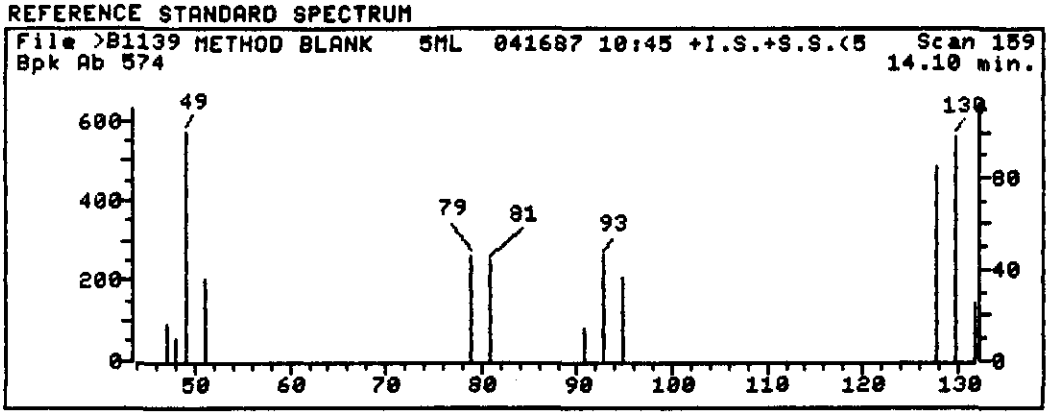


Data File: >B1246::D2 Quant Output File: ^B1246::D3
Name: B0649 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)

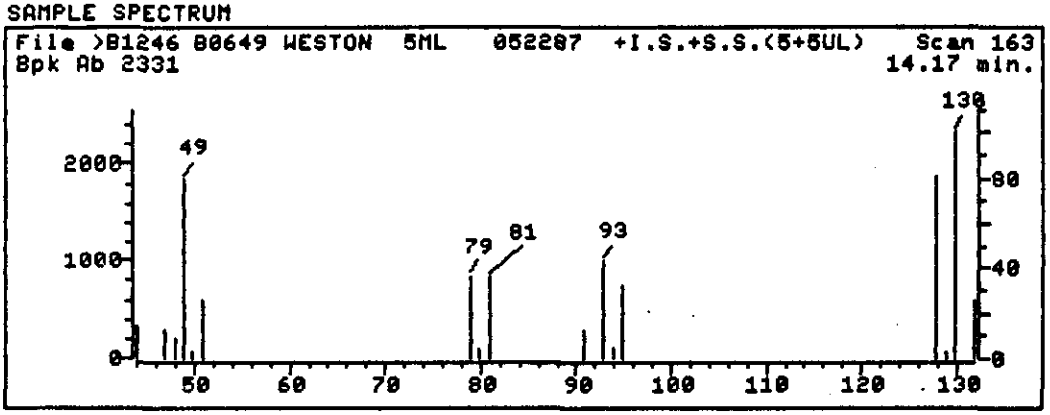
Id File: IDVOL5::D4
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870522 17:07

Operator ID: DT9093
Quant Time: 870522 20:10
Injected at: 870522 19:15

REFERENCE STANDARD SPECTRUM



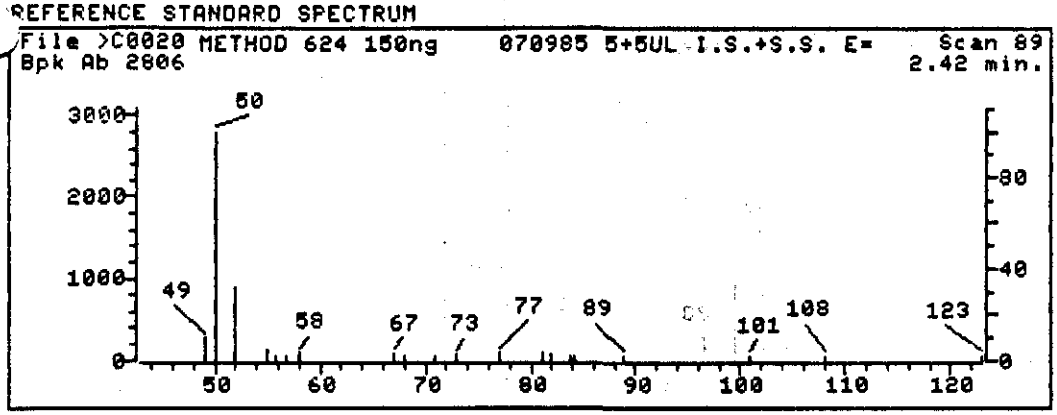
SAMPLE SPECTRUM



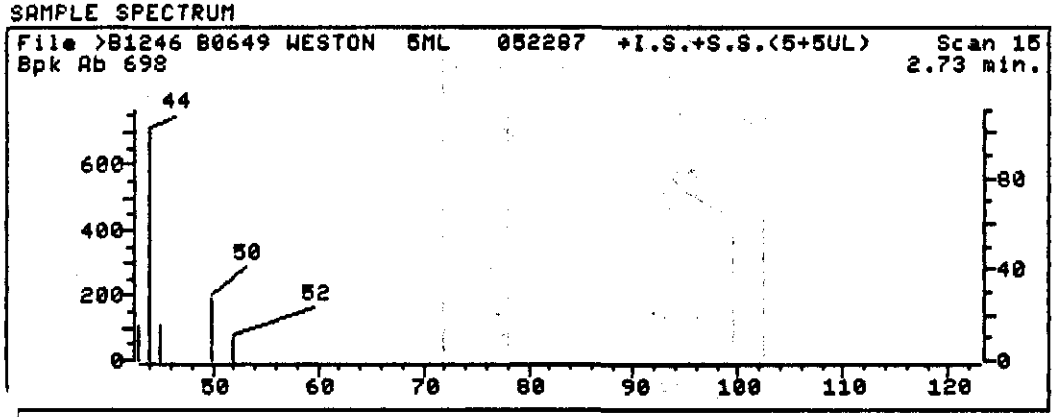
Data File: >B1246::D2 Quant Output File: ^B1246::D3
Name: B0649 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 20:10 Quant ID File: IDVOL5::D4
Injected at: 870522 19:15 Last Calibration: 870522 17:07

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 163
Retention Time: 14.17 min.
Quant Ion: 49.0
Area: 39587
Concentration: 50.00 UG/L
q-value: 100.

REFERENCE STANDARD SPECTRUM



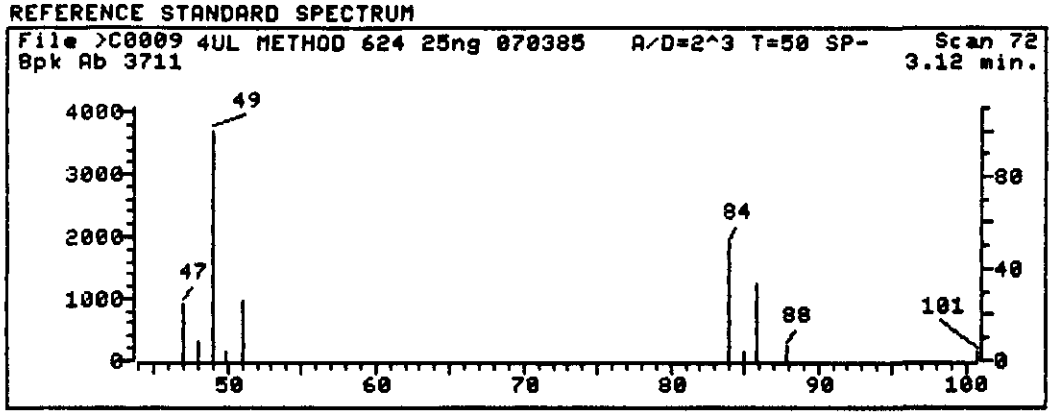
SAMPLE SPECTRUM



Data File: >B1246::D2 Quant Output File: ^B1246::D3
Name: B0649 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 20:10 Quant ID File: IDVOL5::D4
Injected at: 870522 19:15 Last Calibration: 870522 17:07

Compound No: 2
Compound Name: Chloromethane
Scan Number: 15
Retention Time: 2.73 min.
Quant Ion: 50.0
Area: 2122
Concentration: 4.59 UG/L
q-value: 76.

REFERENCE STANDARD SPECTRUM



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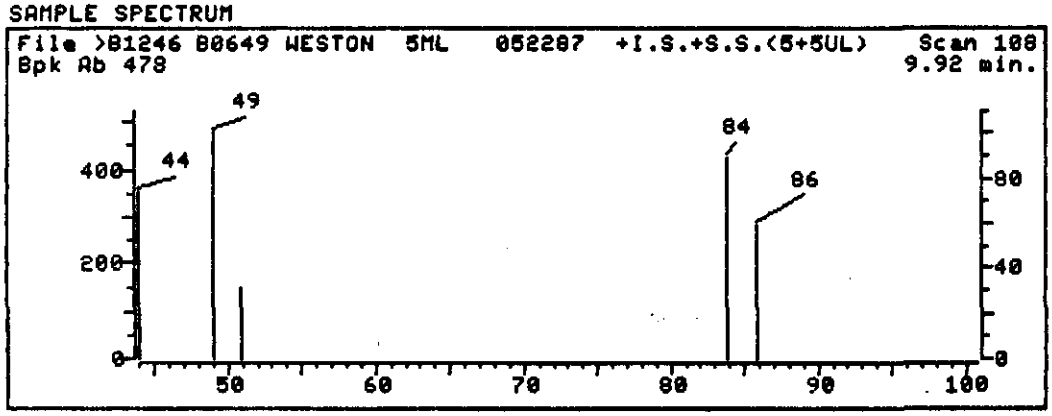
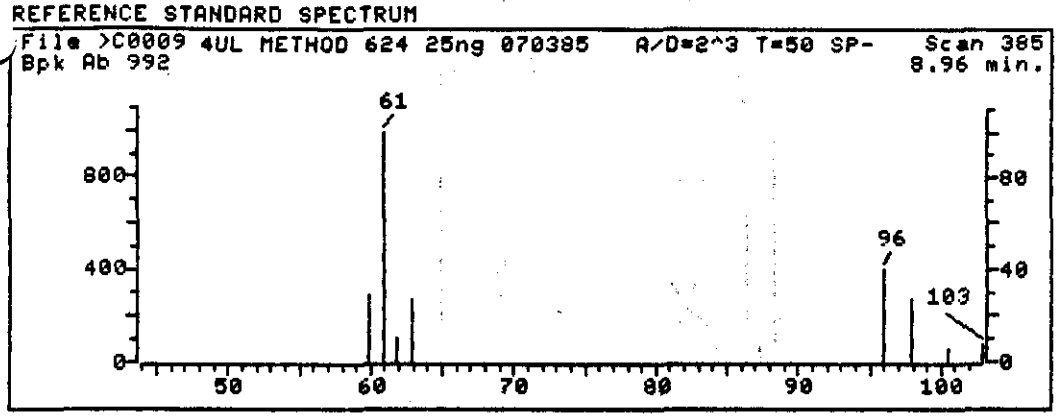


Data File: >B1246::D2 Quant Output File: ^B1246::D3
Name: B0649 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 20:10 Quant ID File: IDVOL5::D4
Injected at: 870522 19:15 Last Calibration: 870522 17:07

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 108
Retention Time: 9.92 min.
Quant Ion: 49.0
Area: 9580
Concentration: 6.12 UG/L
q-value: 44

REFERENCE STANDARD SPECTRUM



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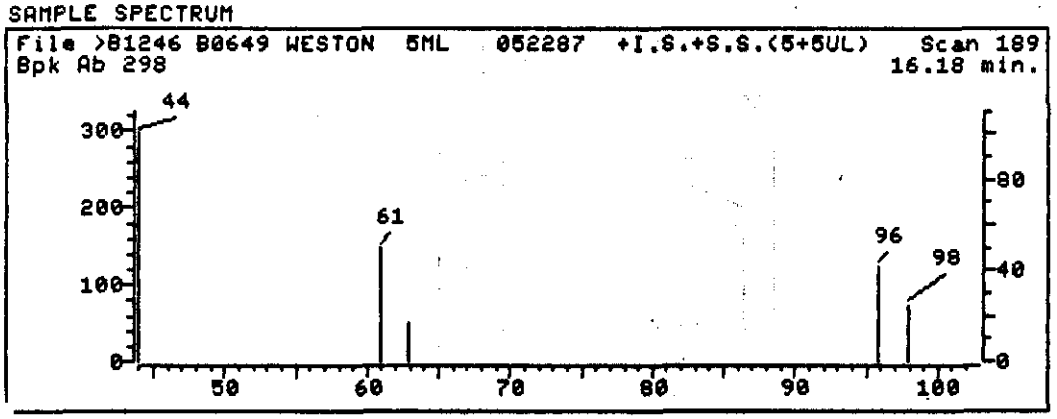
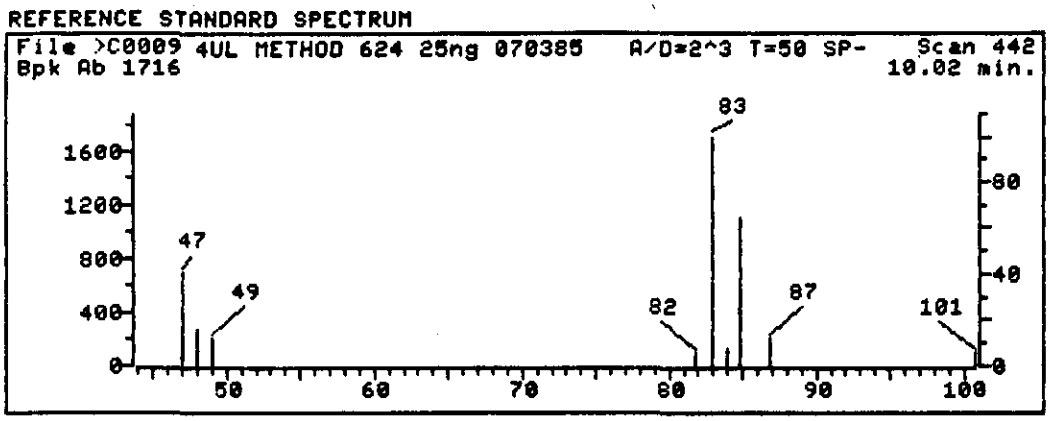


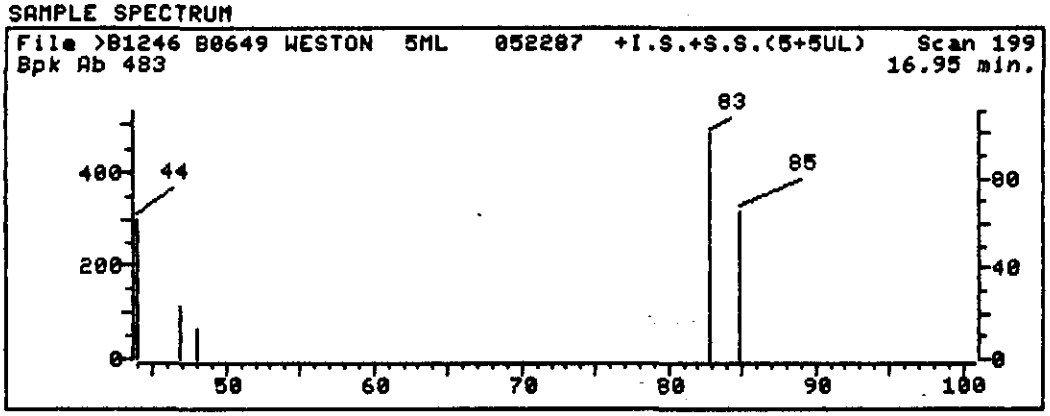
Data File: >B1246::D2 Quant Output File: ^B1246::D3
Name: B0649 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 20:10 Quant ID File: IDVOL5::D4
Injected at: 870522 19:15 Last Calibration: 870522 17:07

Compound No: 15
Compound Name: Trans-1,2-Dichloroethene
Scan Number: 189
Retention Time: 16.18 min.
Quant Ion: 61.0
Area: 2280
Concentration: 1.55 UG/L
q-value: 93

REFERENCE STANDARD SPECTRUM



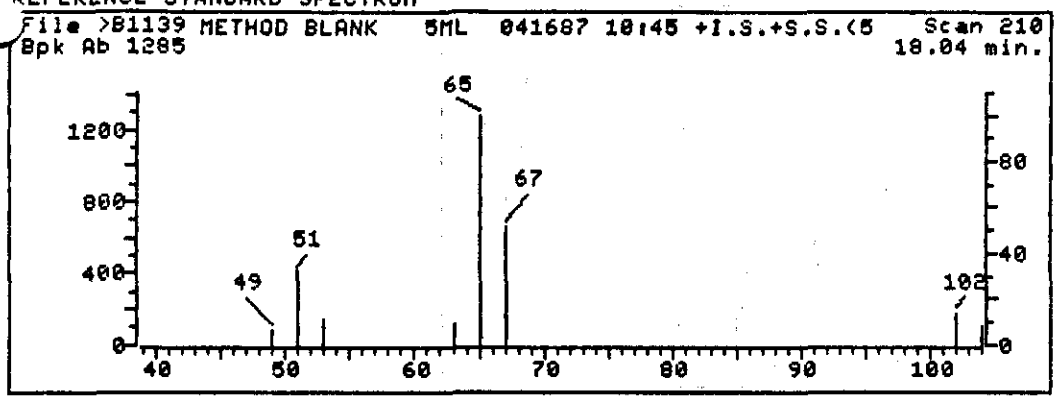
SAMPLE SPECTRUM



Data File: >B1246::D2 Quant Output File: ^B1246::D3
Name: B0649 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 20:10 Quant ID File: IDVOL5::D4
Injected at: 870522 19:15 Last Calibration: 870522 17:07

Compound No: 16
Compound Name: Chloroform
Scan Number: 199
Retention Time: 16.95 min.
Quant Ion: 83.0
Area: 10238
Concentration: 3.82 UG/L
q-value: 94

REFERENCE STANDARD SPECTRUM



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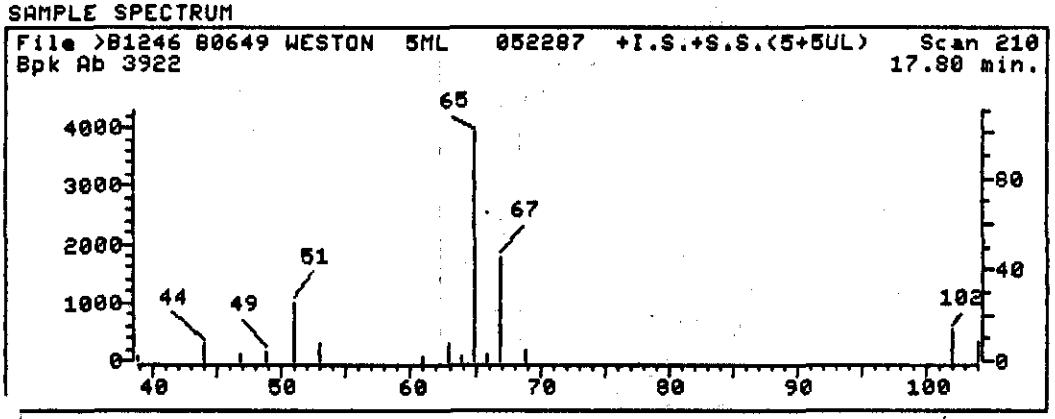
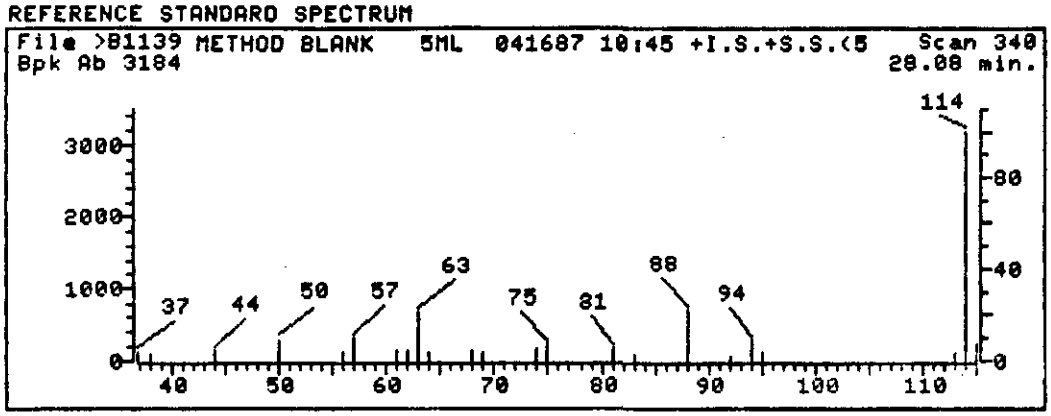


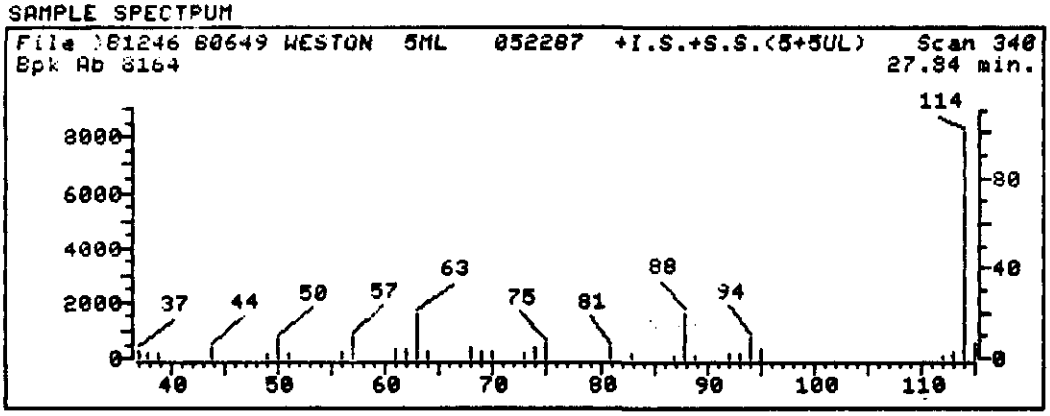
Data File: >B1246::D2 Quant Output File: ^B1246::D3
Name: B0649 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 20:10 Quant ID File: IDVOL5::D4
Injected at: 870522 19:15 Last Calibration: 870522 17:07

Compound No: 19
Compound Name: 1,2-Dichloroethane-d-4(S.S.)
Scan Number: 210
Retention Time: 17.80 min.
Quant Ion: 65.0
Area: 84329
Concentration: 45.29 UG/L
q-value: 95

REFERENCE STANDARD SPECTRUM



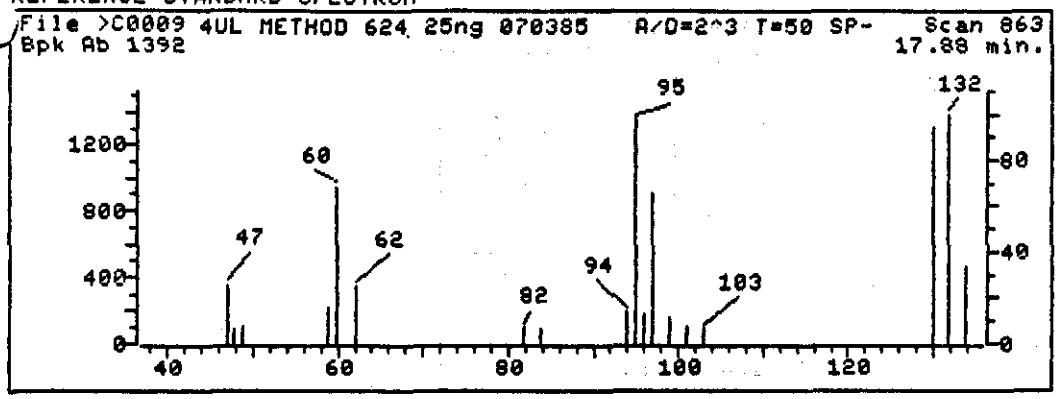
SAMPLE SPECTRUM



Data File: >B1246::D2 Quant Output File: ^B1246::D3
Name: B0649 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 20:10 Quant ID File: IDVOL5::D4
Injected at: 870522 19:15 Last Calibration: 870522 17:07

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 340
Retention Time: 27.84 min.
Quant Ion: 114.0
Area: 181405
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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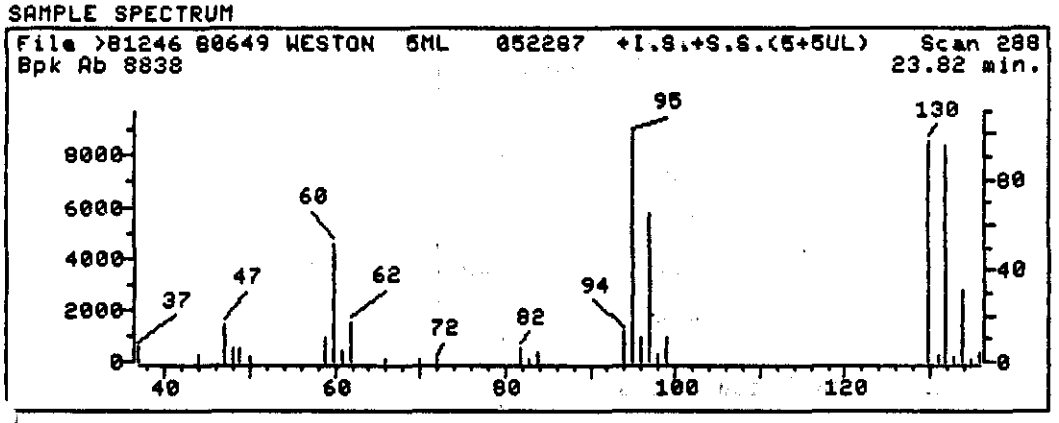
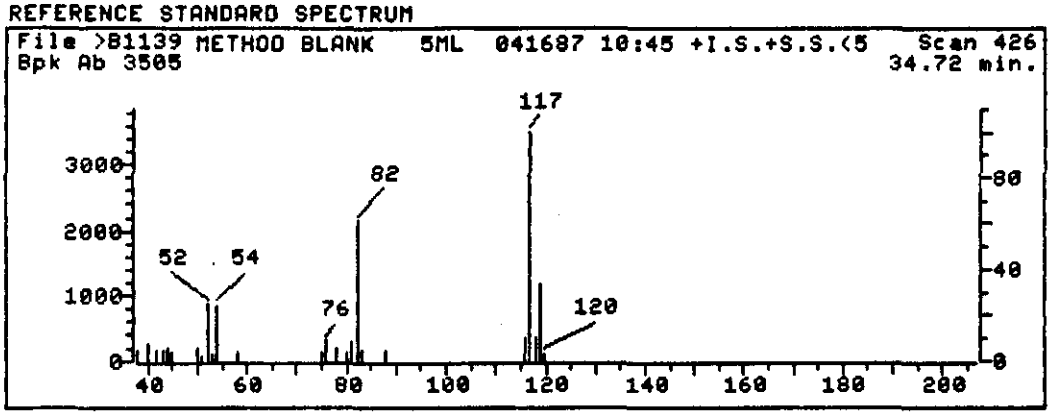


Data File: >B1246::D2 Quant Output File: ^B1246::D3
Name: B0649 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 20:10 Quant ID File: IDVOL5::D4
Injected at: 870522 19:15 Last Calibration: 870522 17:07

Compound No: 27
Compound Name: Trichloroethene
Scan Number: 288
Retention Time: 23.82 min.
Quant Ion: 95.0
Area: 198148
Concentration: 140.25 UG/L
q-value: 91

REFERENCE STANDARD SPECTRUM



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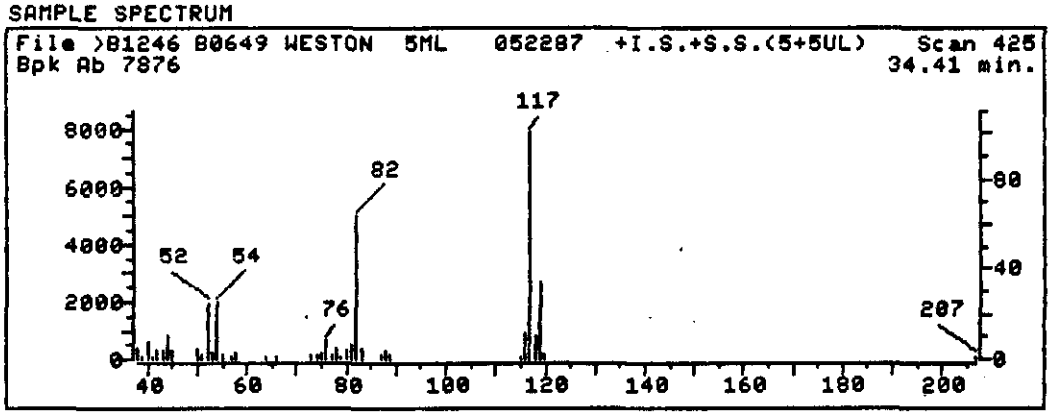
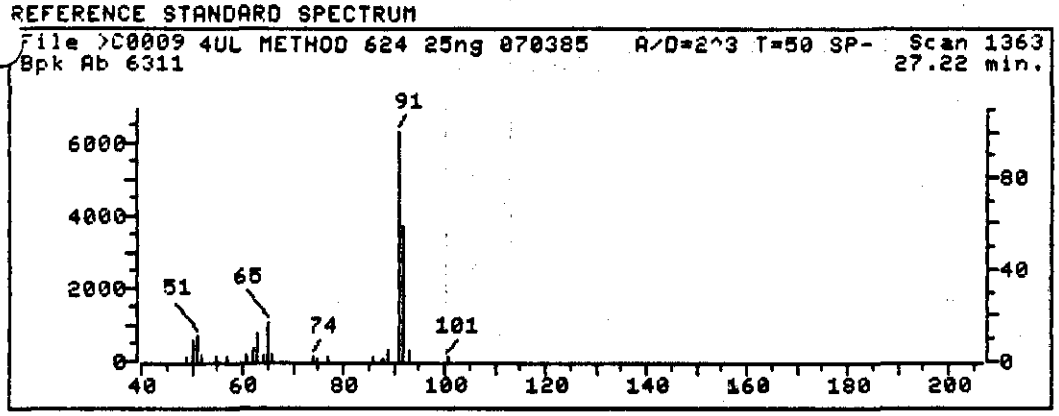


Data File: >B1246::D2 Quant Output File: ^B1246::D3
Name: B0649 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 20:10 Quant ID File: IDVOL5::D4
Injected at: 870522 19:15 Last Calibration: 870522 17:07

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d-5
Scan Number: 425
Retention Time: 34.41 min.
Quant Ion: 117.0
Area: 212960
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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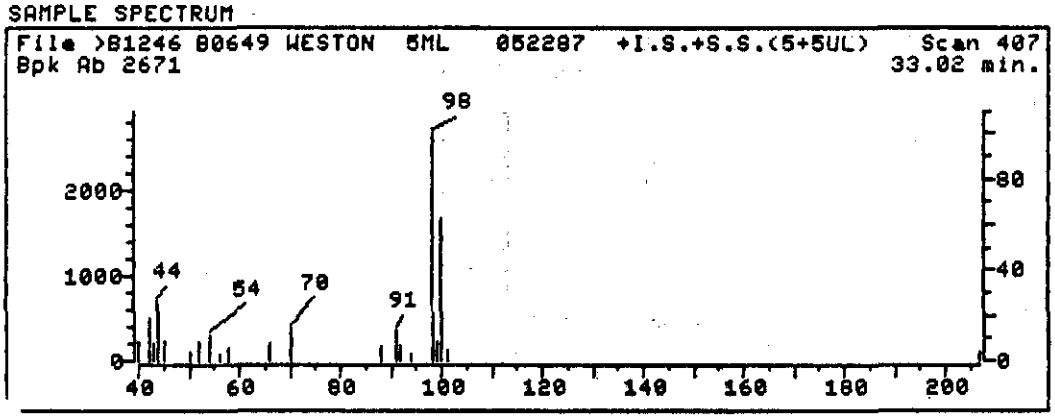
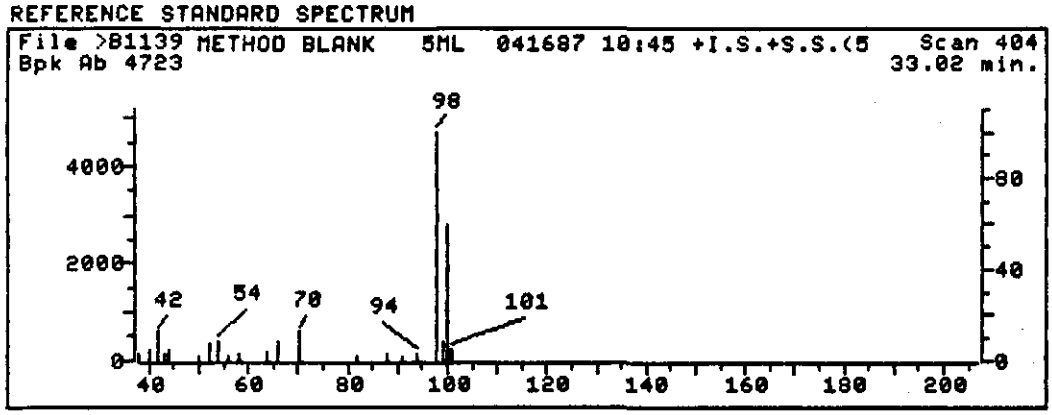


Data File: >B1246::D2 Quant Output File: ^B1246::D3
Name: B0649 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 20:10 Quant ID File: IDVOL5::D4
Injected at: 870522 19:15 Last Calibration: 870522 17:07

Compound No: 39
Compound Name: Toluene
Scan Number: 407
Retention Time: 33.02 min.
Quant Ion: 91.0
Area: 7793
Concentration: 1.49 UG/L
q-value: 83

REFERENCE STANDARD SPECTRUM



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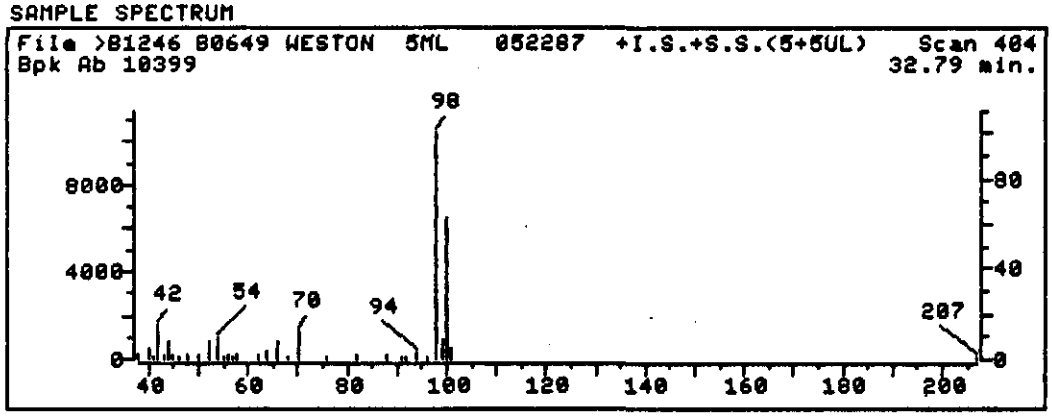
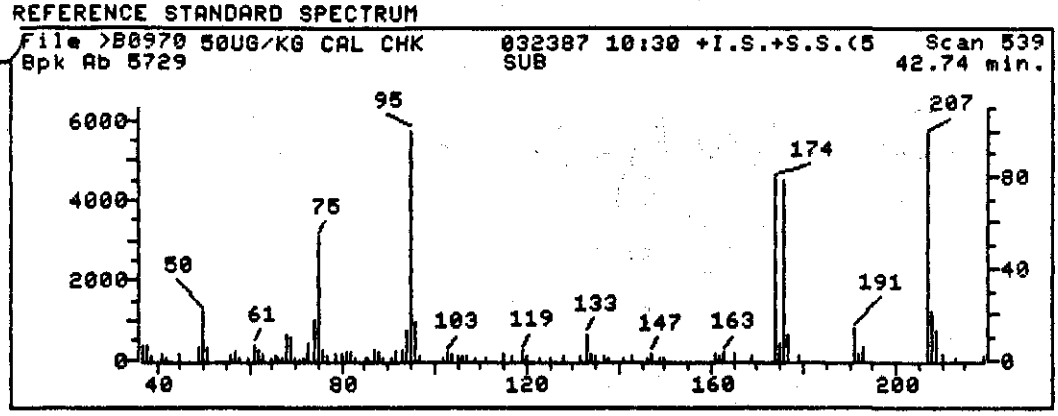


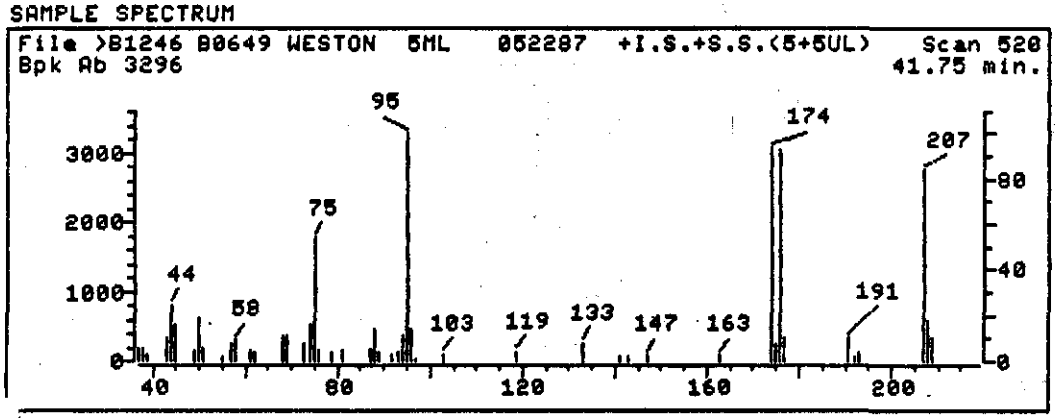
Data File: >B1246::D2 Quant Output File: ^B1246::D3
Name: B0649 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 20:10 Quant ID File: IDVOL5::D4
Injected at: 870522 19:15 Last Calibration: 870522 17:07

Compound No: 40
Compound Name: Toluene-d-8(S.S.)
Scan Number: 404
Retention Time: 32.79 min.
Quant Ion: 98.0
Area: 247727
Concentration: 52.36 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >B1246::D2 Quant Output File: ^B1246::D3
Name: B0649 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 20:10 Quant ID File: IDVOL5::D4
Injected at: 870522 19:15 Last Calibration: 870522 17:07

Compound No: 44
Compound Name: Bromofluorobenzene(S.S.)
Scan Number: 520
Retention Time: 41.75 min.
Quant Ion: 95.0
Area: 162634
Concentration: 51.14 UG/L
q-value: 100.

#4

Sample Number
80650

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >B1247::D2
Sample Matrix: WATER
Data release Authorized by: Richard W Lynch

Case No.: N/A
QC Report No.: 46
Contract No.: N/A
Date Sample Received: 22 MAY 87

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/22/87 20:19
Conc/Dil Factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/l or ug/Kg (Circle One)		C.A.S. Number		ug/l or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
107-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	9.	B	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	10.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	2.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

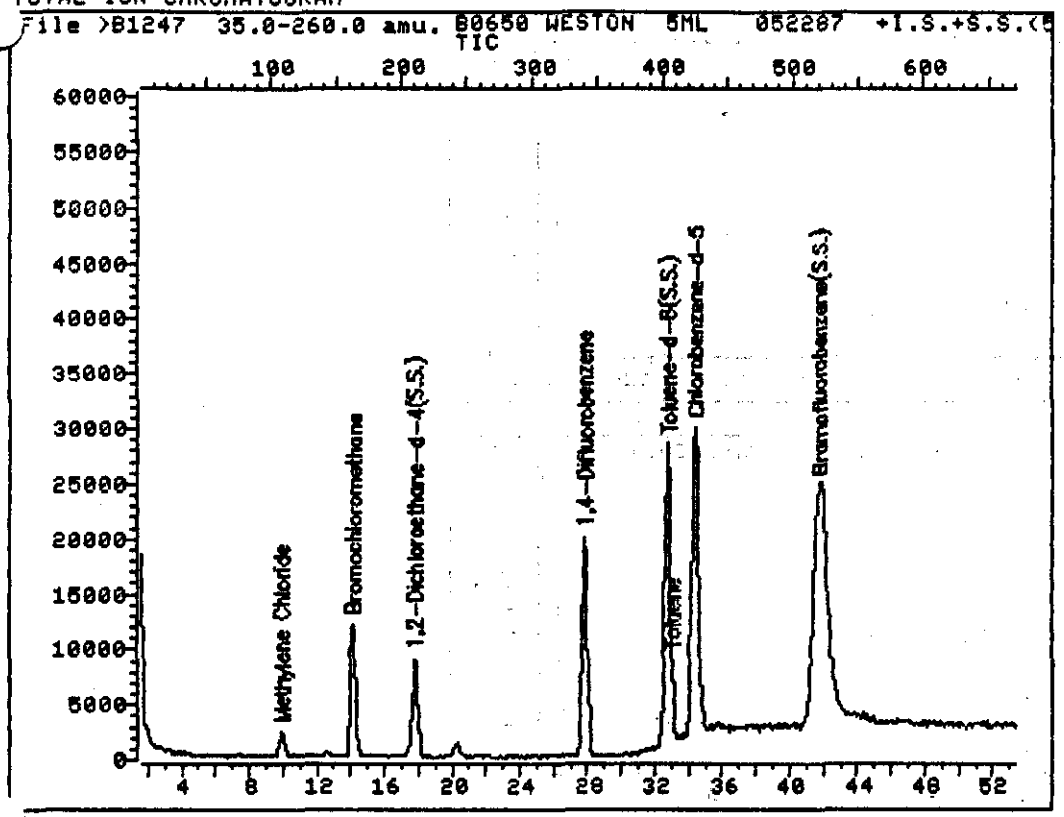
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

AR400040

TOTAL ION CHROMATOGRAM

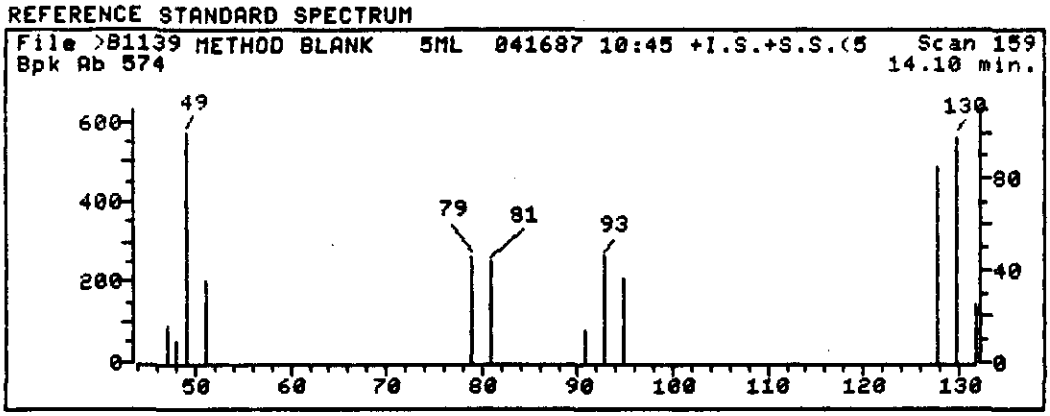


Data File: >B1247::D2 Quant Output File: ^B1247::D3
Name: B0650 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)

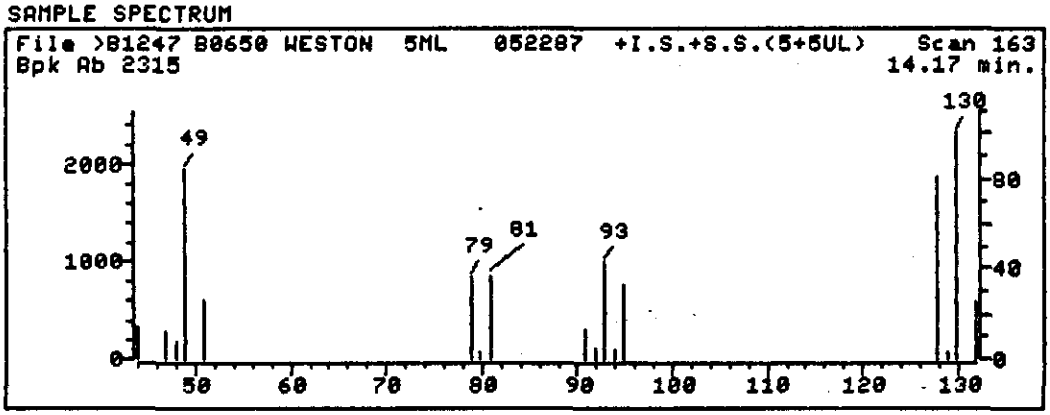
Id File: IDVOL5::D4
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870522 17:07

Operator ID: DT9093
Quant Time: 870522 21:13
Injected at: 870522 20:19

REFERENCE STANDARD SPECTRUM



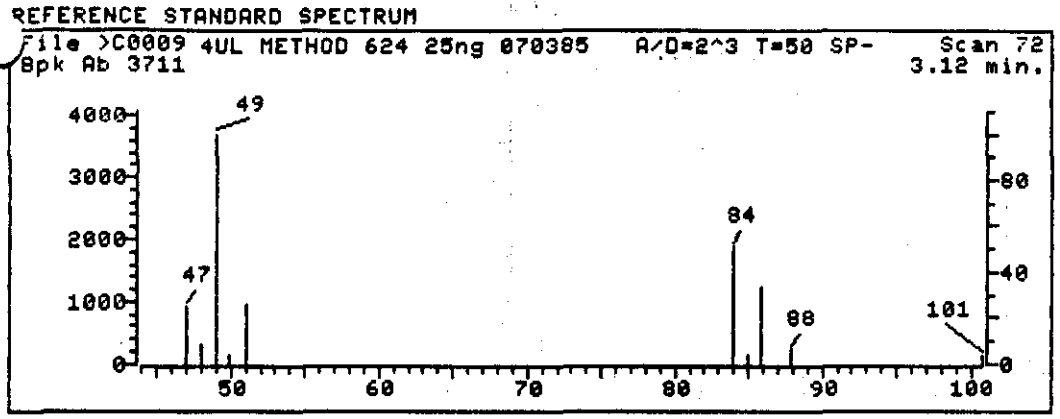
SAMPLE SPECTRUM



Data File: >B1247::D2 Quant Output File: ^B1247::D3
Name: B0650 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 21:13 Quant ID File: IDVOL5::D4
Injected at: 870522 20:19 Last Calibration: 870522 17:07

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 163
Retention Time: 14.17 min.
Quant Ion: 49.0
Area: 40472
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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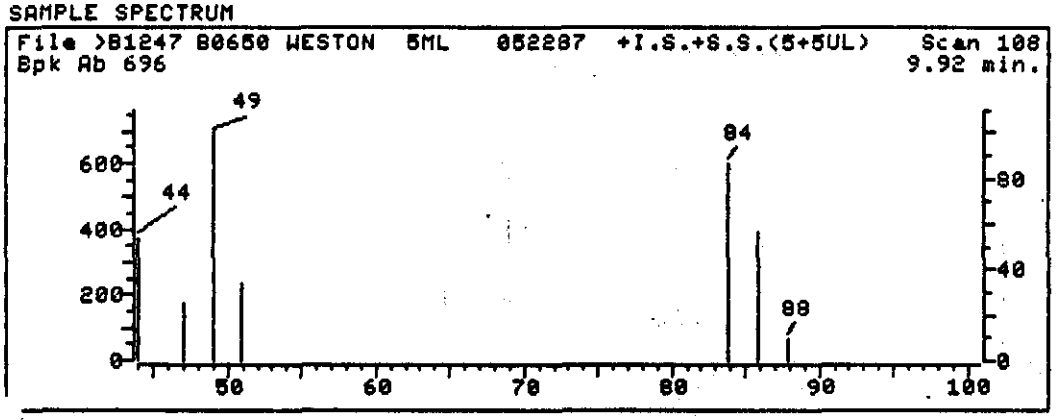
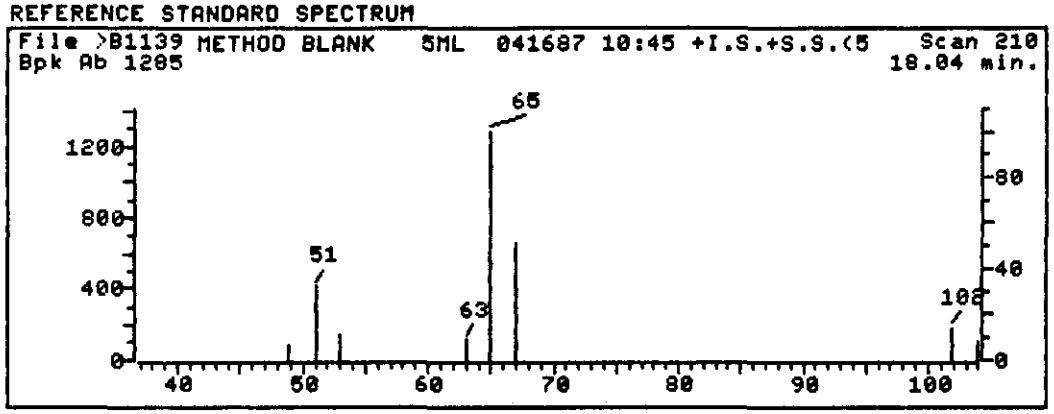


Data File: >B1247::D2 Quant Output File: ^B1247::D3
Name: B0650 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 21:13 Quant ID File: IDVOL5::D4
Injected at: 870522 20:19 Last Calibration: 870522 17:07

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 108
Retention Time: 9.92 min.
Quant Ion: 49.0
Area: 14586
Concentration: 9.11 UG/L
q-value: 48

REFERENCE STANDARD SPECTRUM



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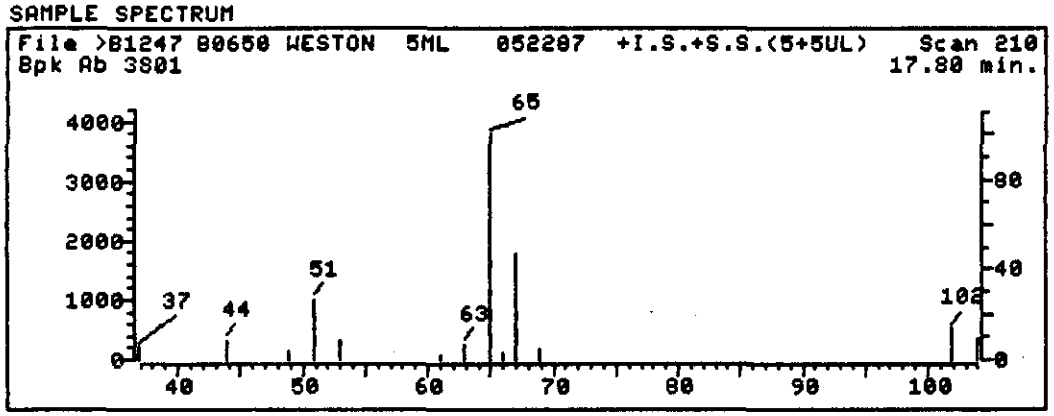
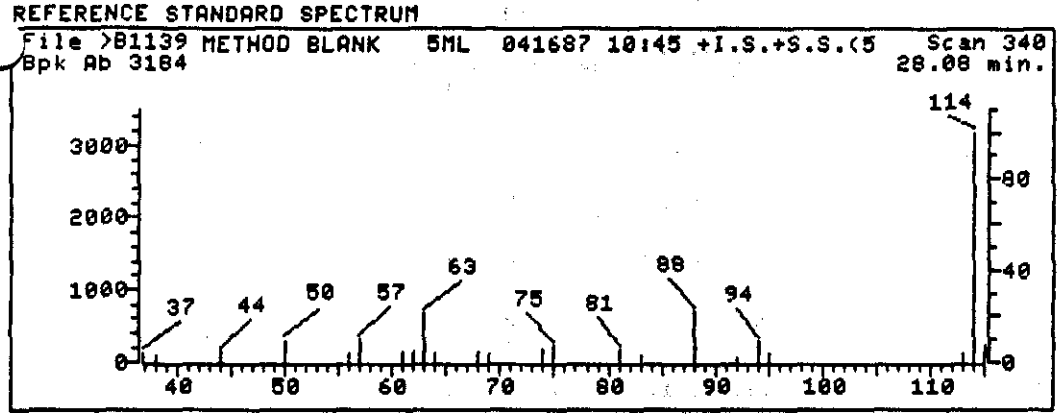


Data File: >B1247::D2 Quant Output File: ^B1247::D3
Name: B0650 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 21:13 Quant ID File: IDVOL5::D4
Injected at: 870522 20:19 Last Calibration: 870522 17:07

Compound No: 19
Compound Name: 1,2-Dichloroethane-d-4(S.S.)
Scan Number: 210
Retention Time: 17.80 min.
Quant Ion: 65.0
Area: 85438
Concentration: 44.88 UG/L
q-value: 98

REFERENCE STANDARD SPECTRUM



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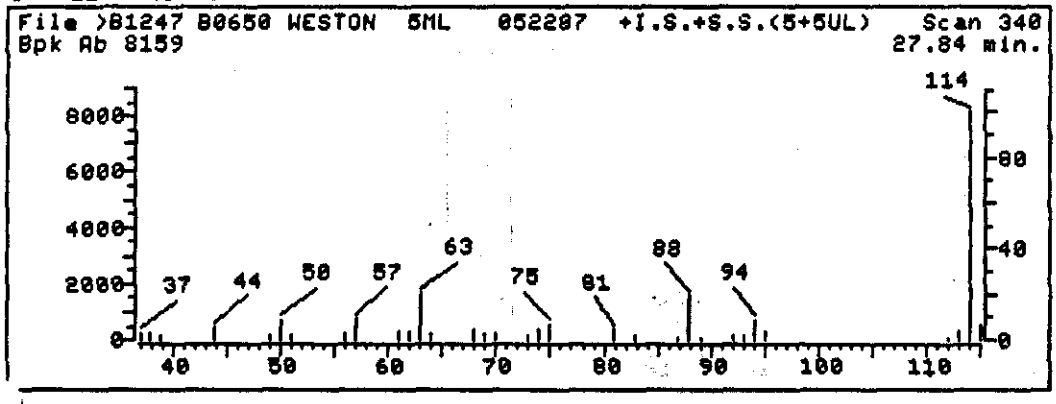
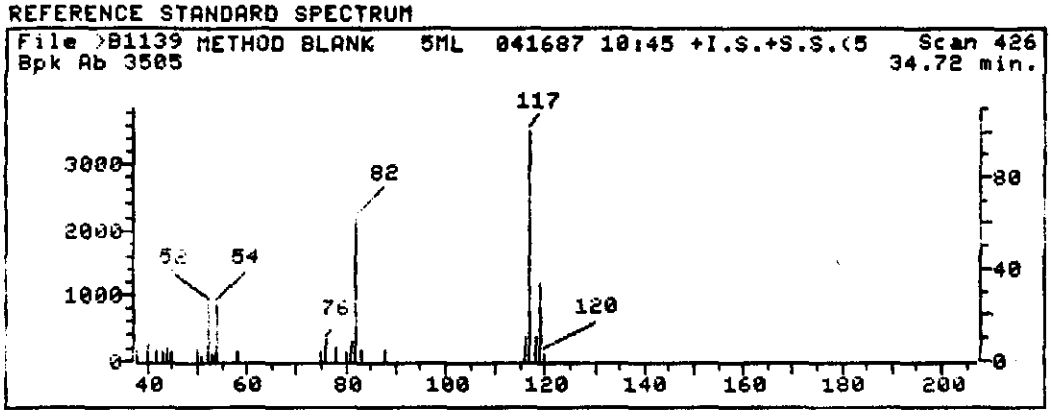


Data File: >B1247::D2 Quant Output File: ^B1247::D3
Name: B0650 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 21:13 Quant ID File: IDVOL5::D4
Injected at: 870522 20:19 Last Calibration: 870522 17:07

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 340
Retention Time: 27.84 min.
Quant Ion: 114.0
Area: 185617
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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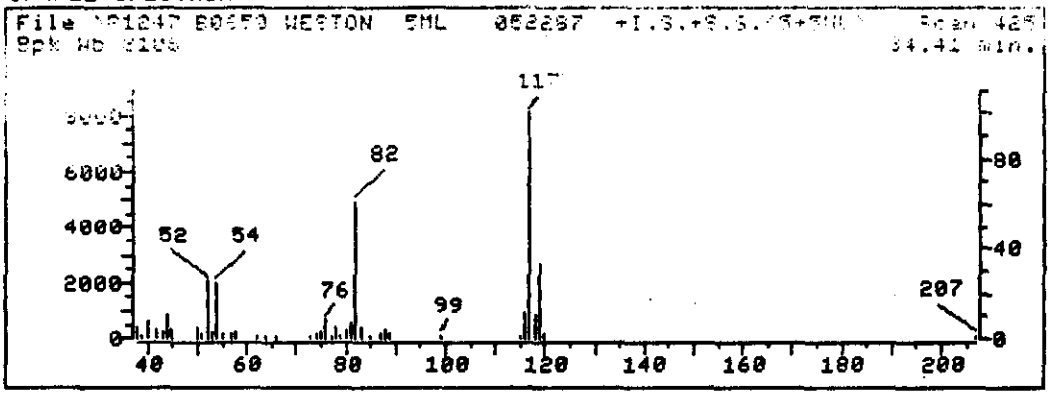
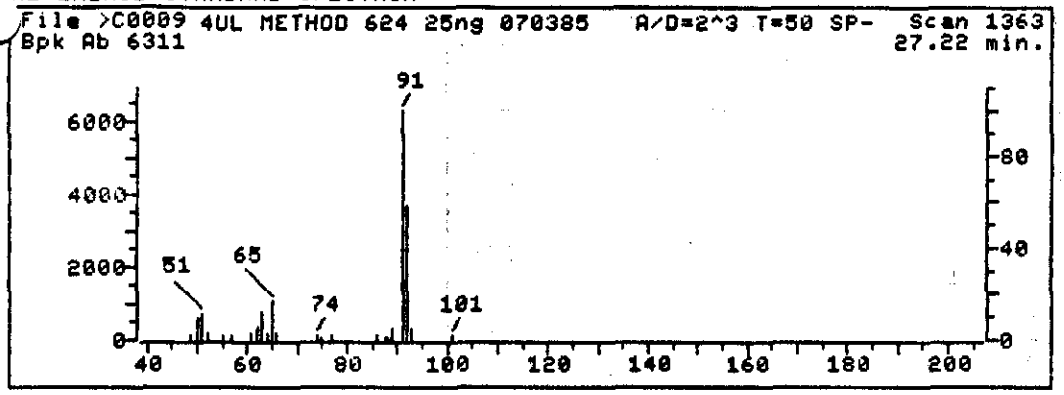


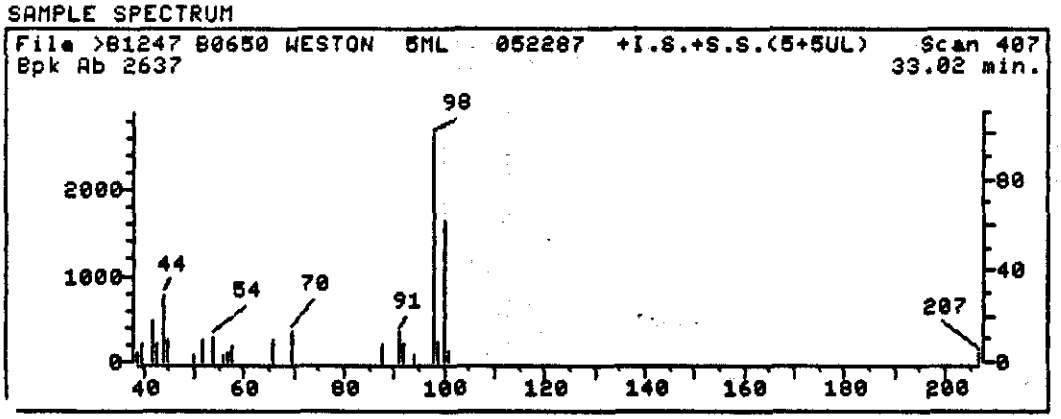
Data File: >B1247::D2 Quant Output File: ^B1247::D3
Name: B0650 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 21:13 Quant ID File: IDVOL5::D4
Injected at: 870522 20:19 Last Calibration: 870522 17:07

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d-5
Scan Number: 425
Retention Time: 34.41 min.
Quant Ion: 117.0
Area: 213866
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



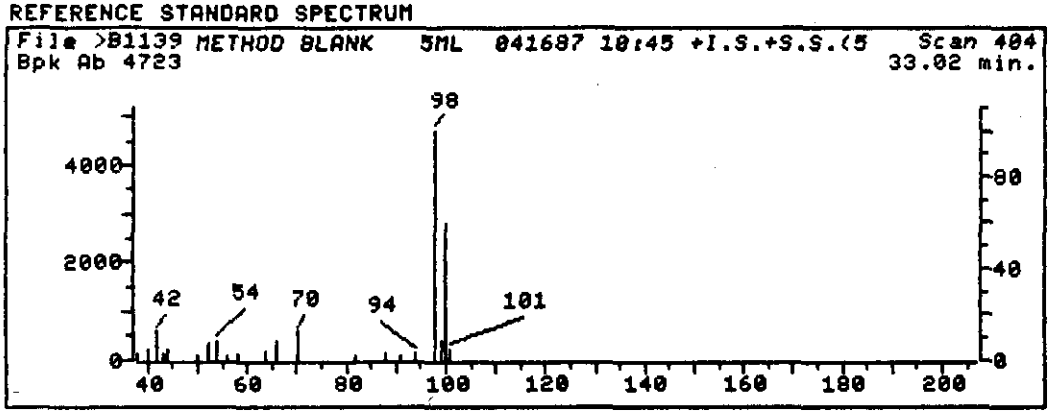
SAMPLE SPECTRUM



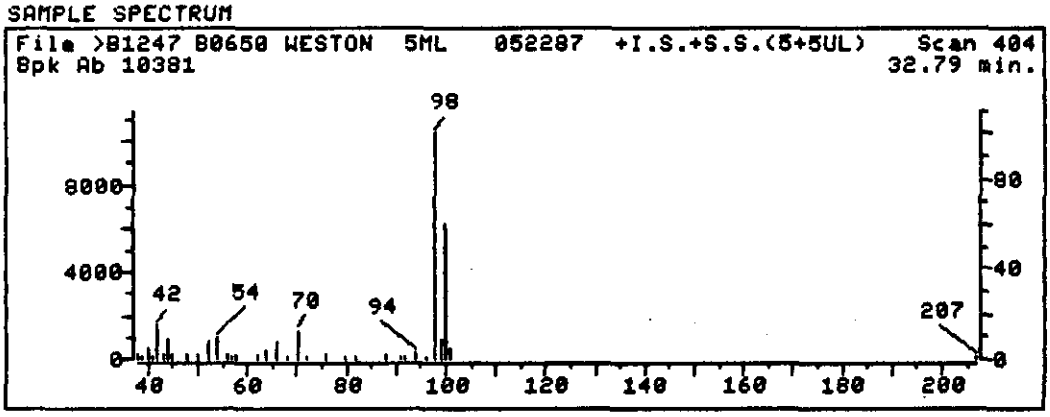
Data File: >B1247::D2 Quant Output File: ^B1247::D3
Name: B0650 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 21:13 Quant ID File: IDVOL5::D4
Injected at: 870522 20:19 Last Calibration: 870522 17:07

Compound No: 39
Compound Name: Toluene
Scan Number: 407
Retention Time: 33.02 min.
Quant Ion: 91.0
Area: 7932
Concentration: 1.51 UG/L
q-value: 97

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM

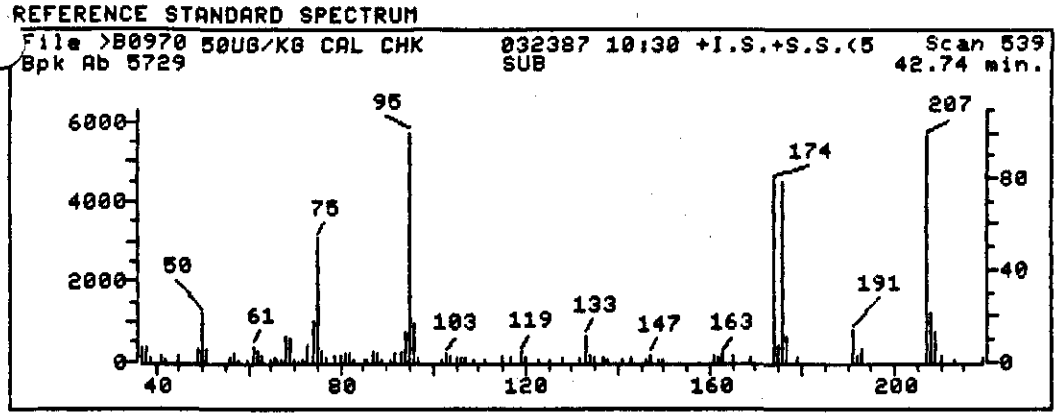


Data File: >B1247::D2 Quant Output File: ^B1247::D3
Name: B0650 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 21:13 Quant ID File: IDVOL5::D4
Injected at: 870522 20:19 Last Calibration: 870522 17:07

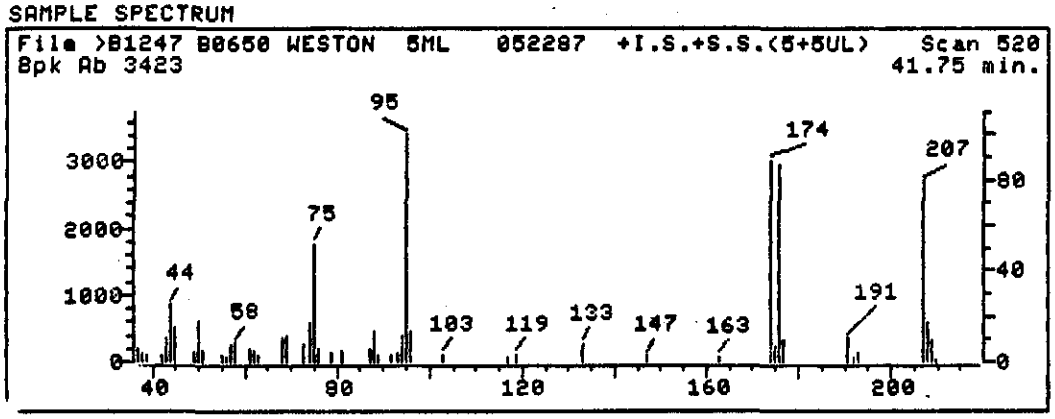
Compound No: 40
Compound Name: Toluene-d-8(S.S.)
Scan Number: 404
Retention Time: 32.79 min.
Quant Ion: 98.0
Area: 248173
Concentration: 52.23 UG/L
q-value: 100

L

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >B1247::D2 Quant Output File: ^B1247::D3
Name: B0650 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 21:13 Quant ID File: IDVOL5::D4
Injected at: 870522 20:19 Last Calibration: 870522 17:07

Compound No: 44
Compound Name: Bromofluorobenzene(S.S.)
Scan Number: 520
Retention Time: 41.75 min.
Quant Ion: 95.0
Area: 163312
Concentration: 51.13 UG/L
q-value: 100

#5

Sample Number
B0651

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >B1248::D2
Sample Matrix: WATER
Data release Authorized by: Richard W Lynch

Case No.: N/A
QC Report No.: 46
Contract No.: N/A
Date Sample Received: 22 MAY 87

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/22/87 21:24
Conc/Dil factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/l or ug/Kg (Circle One)		C.A.S. Number		ug/l or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	3.	J
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
107-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	9.	B	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	10.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	2.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-6	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

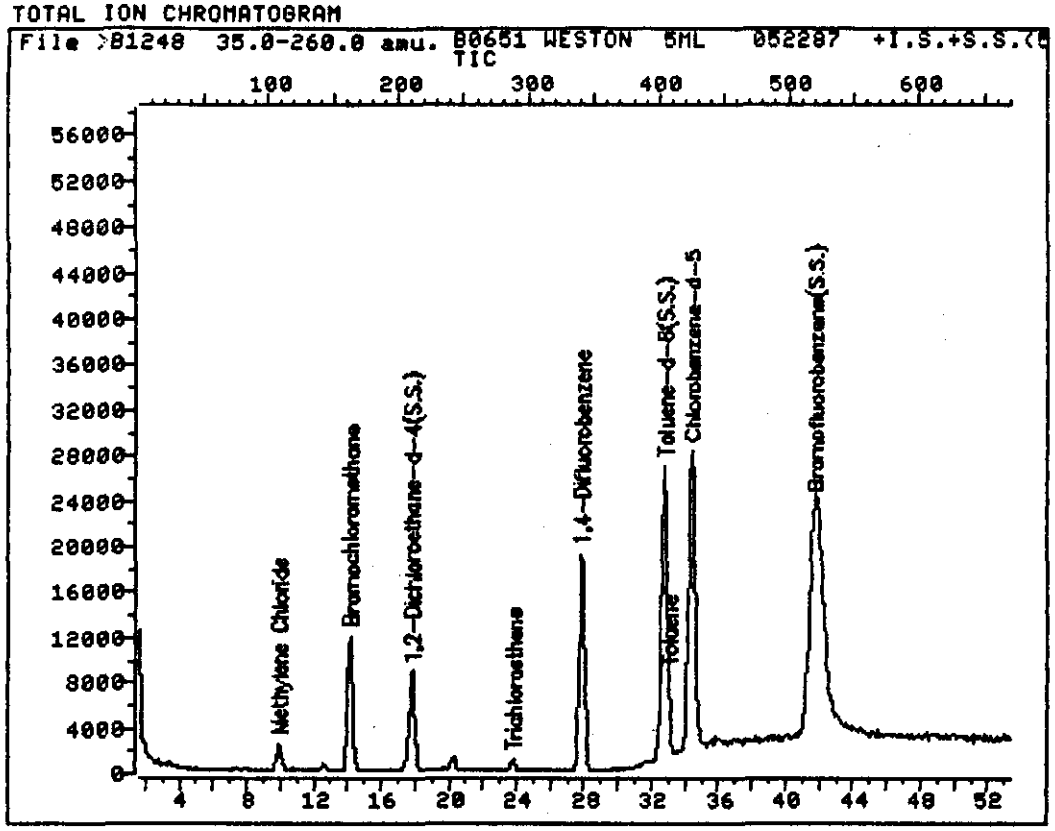
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

AR400050

TOTAL ION CHROMATOGRAM

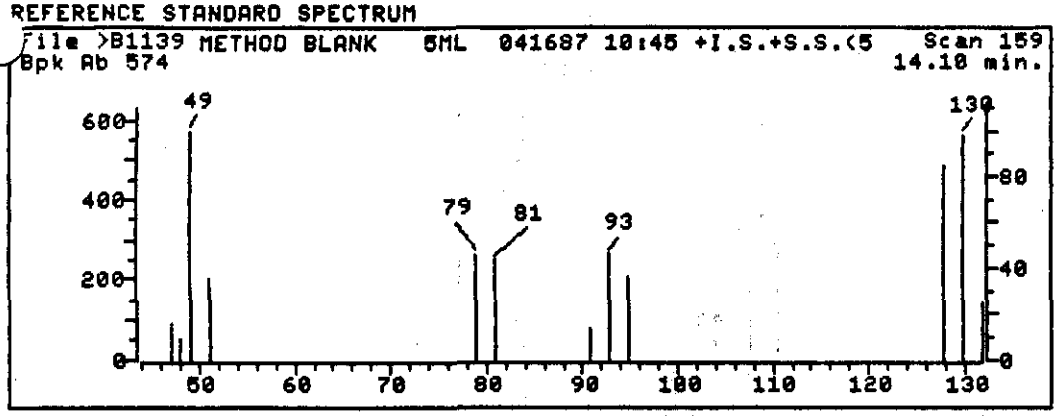


Data File: >B1248::D2 Quant Output File: ^B1248::D3
Name: B0651 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)

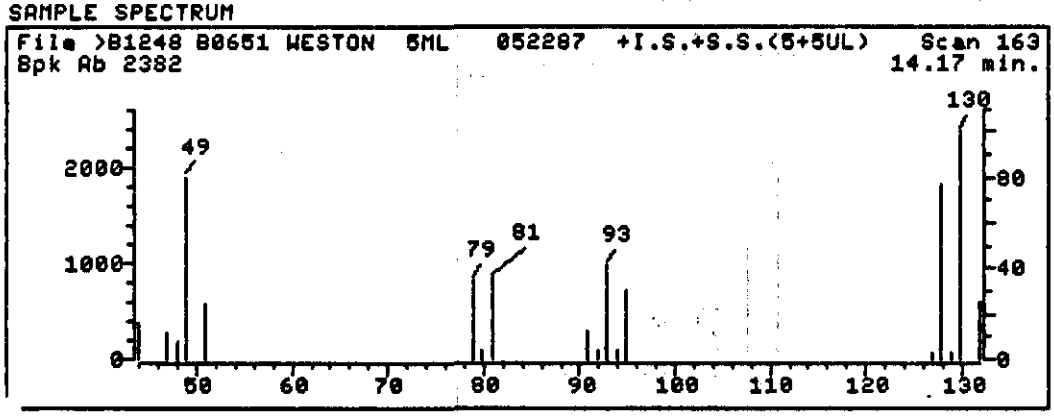
Id File: IDVOL5::D4
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870522 17:07

Operator ID: DT9093
Quant Time: 870522 22:18
Injected at: 870522 21:24

REFERENCE STANDARD SPECTRUM



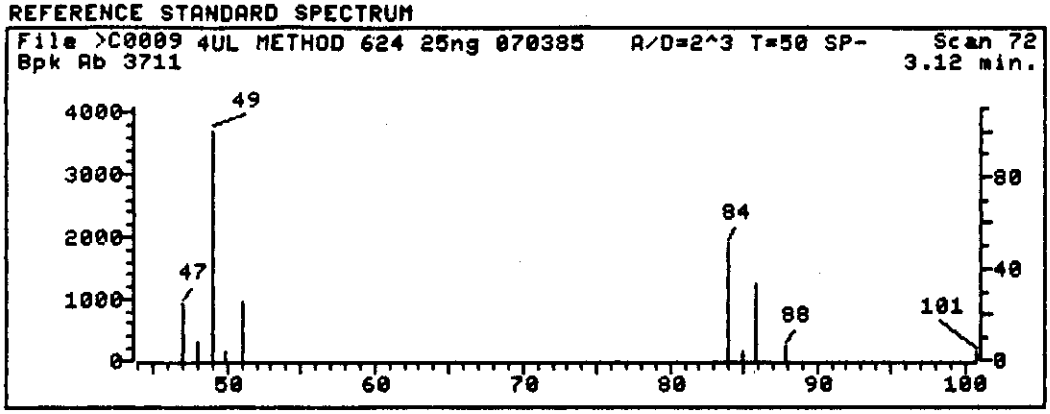
SAMPLE SPECTRUM



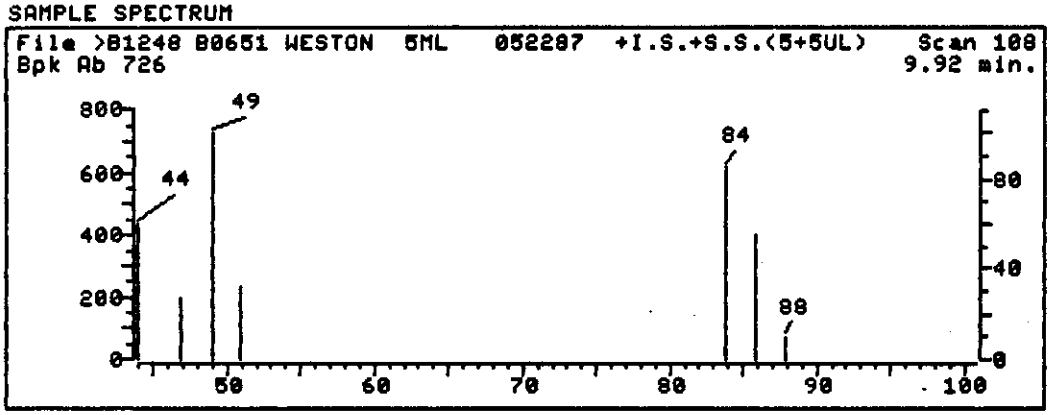
Data File: >B1248::D2 Quant Output File: ^B1248::D3
Name: B0651 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 22:18 Quant ID File: IDVOL5::D4
Injected at: 870522 21:24 Last Calibration: 870522 17:07

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 163
Retention Time: 14.17 min.
Quant Ion: 49.0
Area: 40574
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



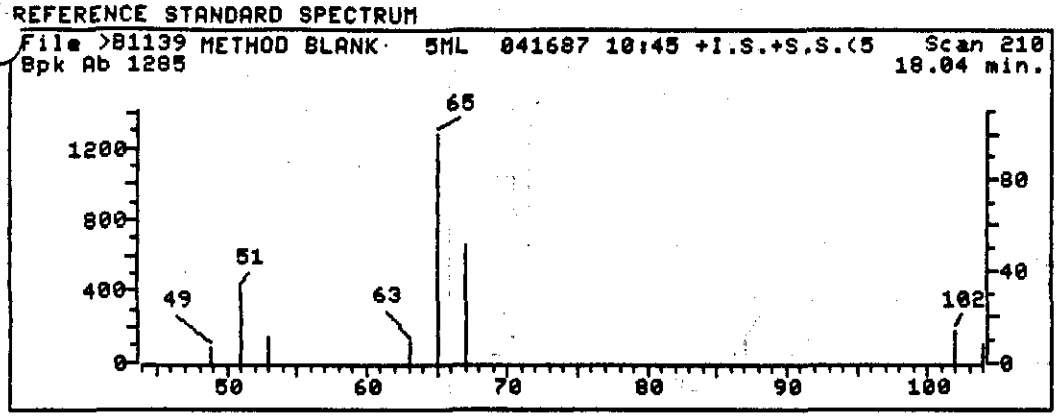
SAMPLE SPECTRUM



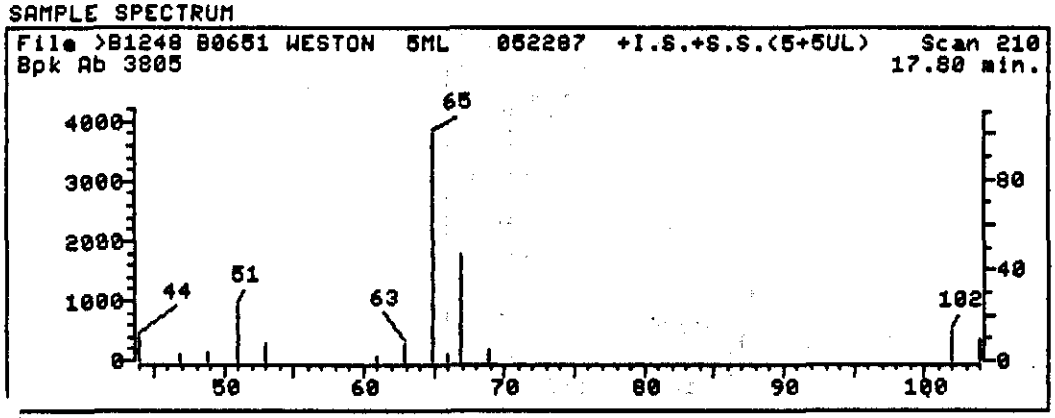
Data File: >B1248::D2 Quant Output File: ^B1248::D3
Name: B0651 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 22:18 Quant ID File: IDVOL5::D4
Injected at: 870522 21:24 Last Calibration: 870522 17:07

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 108
Retention Time: 9.92 min.
Quant Ion: 49.0
Area: 14725
Concentration: 9.18 UG/L
q-value: 50

REFERENCE STANDARD SPECTRUM



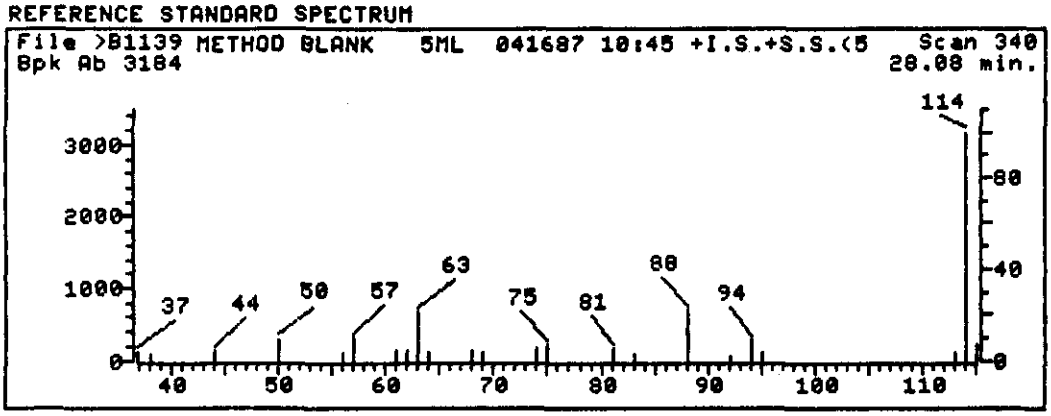
SAMPLE SPECTRUM



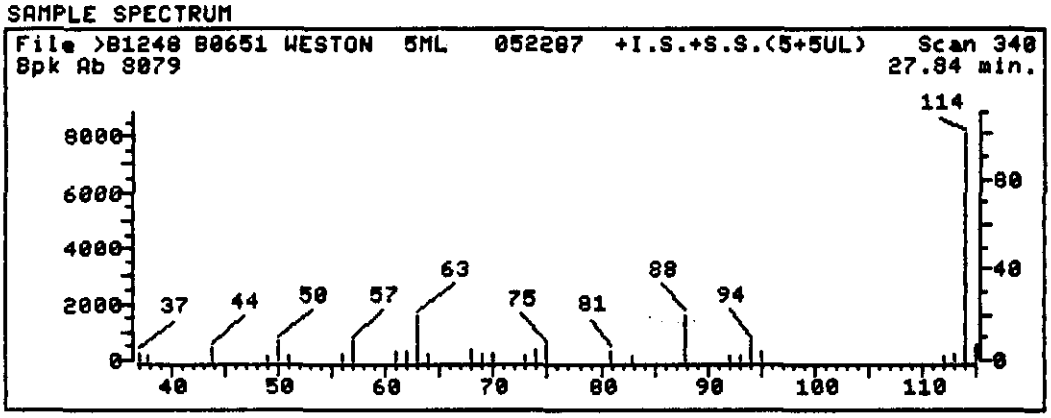
Data File: >B1248::D2 Quant Output File: ^B1248::D3
Name: B0651 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 22:18 Quant ID File: IDVOL5::D4
Injected at: 870522 21:24 Last Calibration: 870522 17:07

Compound No: 19
Compound Name: 1,2-Dichloroethane-d-4(S.S.)
Scan Number: 210
Retention Time: 17.80 min.
Quant Ion: 65.0
Area: 85083
Concentration: 44.58 UG/L
q-value: 98

REFERENCE STANDARD SPECTRUM



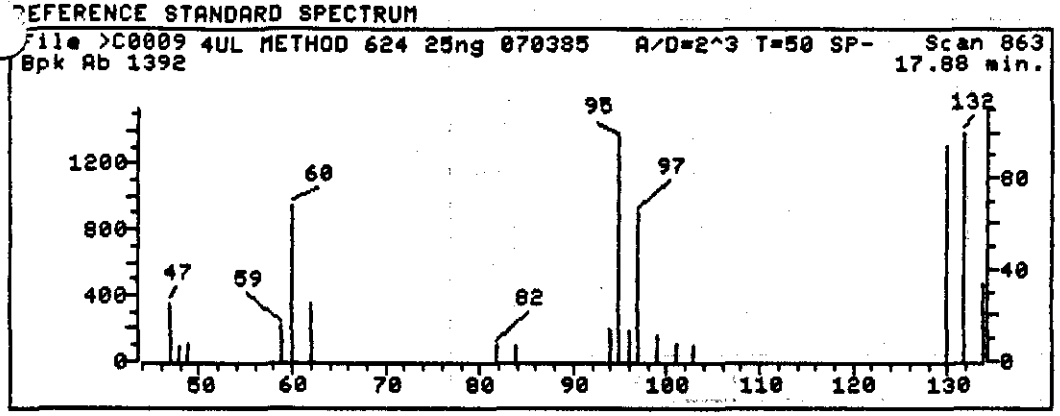
SAMPLE SPECTRUM



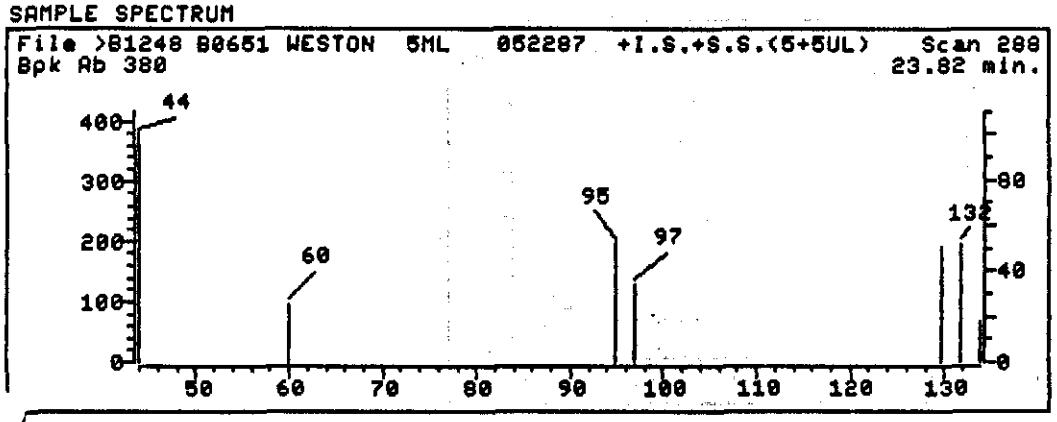
Data File: >B1248::D2 Quant Output File: ^B1248::D3
Name: B0651 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 22:18 Quant ID File: IDVOL5::D4
Injected at: 870522 21:24 Last Calibration: 870522 17:07

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 340
Retention Time: 27.84 min.
Quant Ion: 114.0
Area: 178054
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



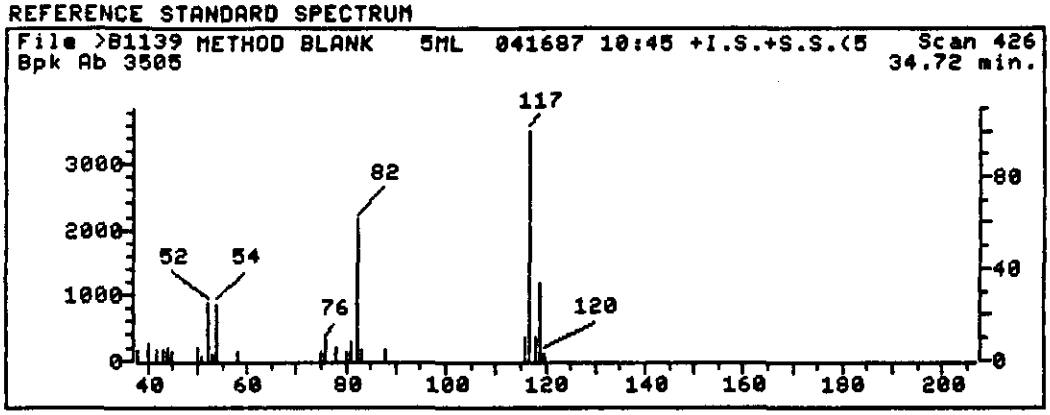
SAMPLE SPECTRUM



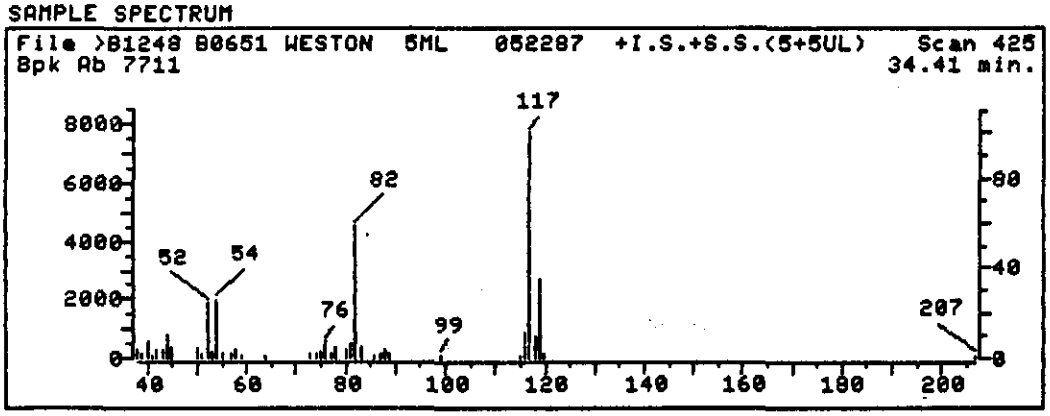
Data File: >B1248::D2 Quant Output File: ^B1248::D3
Name: B0651 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 22:18 Quant ID File: IDVOL5::D4
Injected at: 870522 21:24 Last Calibration: 870522 17:07

Compound No: 27
Compound Name: Trichloroethene
Scan Number: 288
Retention Time: 23.82 min.
Quant Ion: 95.0
Area: 3661
Concentration: 2.64 UG/L
q-value: 89 .

REFERENCE STANDARD SPECTRUM



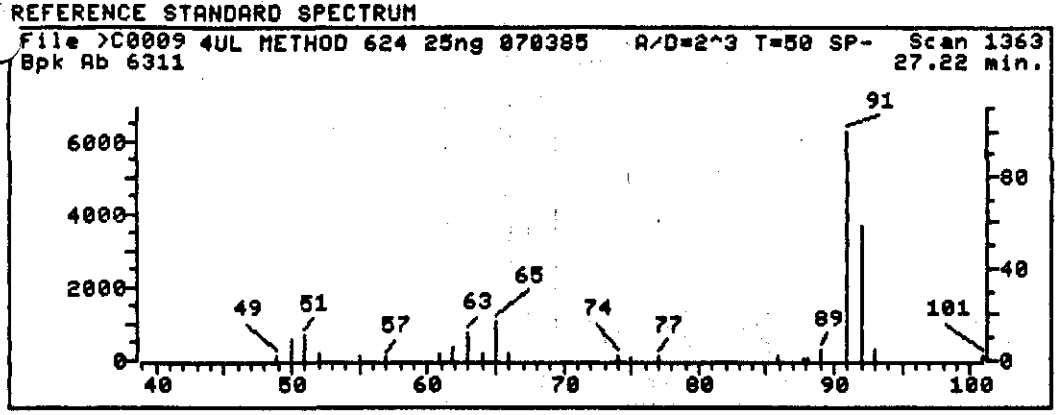
SAMPLE SPECTRUM



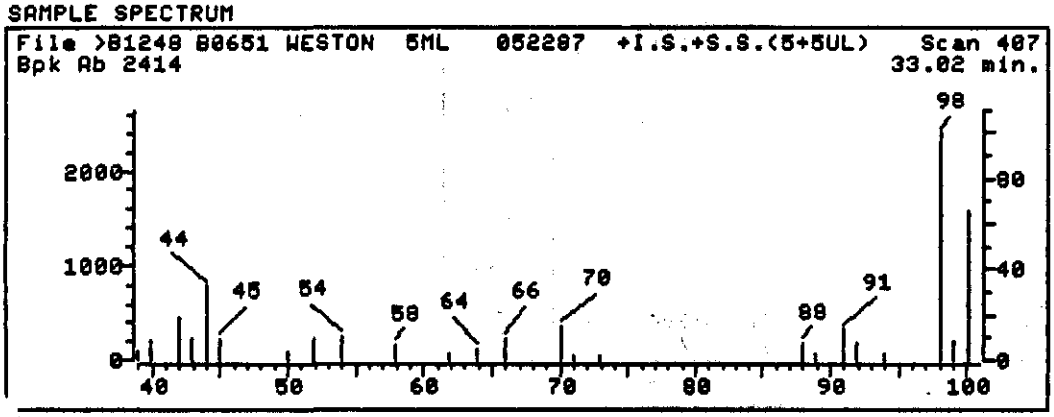
Data File: >B1248::D2 Quant Output File: ^B1248::D3
Name: B0651 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 22:18 Quant ID File: IDVOL5::D4
Injected at: 870522 21:24 Last Calibration: 870522 17:07

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d-5
Scan Number: 425
Retention Time: 34.41 min.
Quant Ion: 117.0
Area: 200220
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



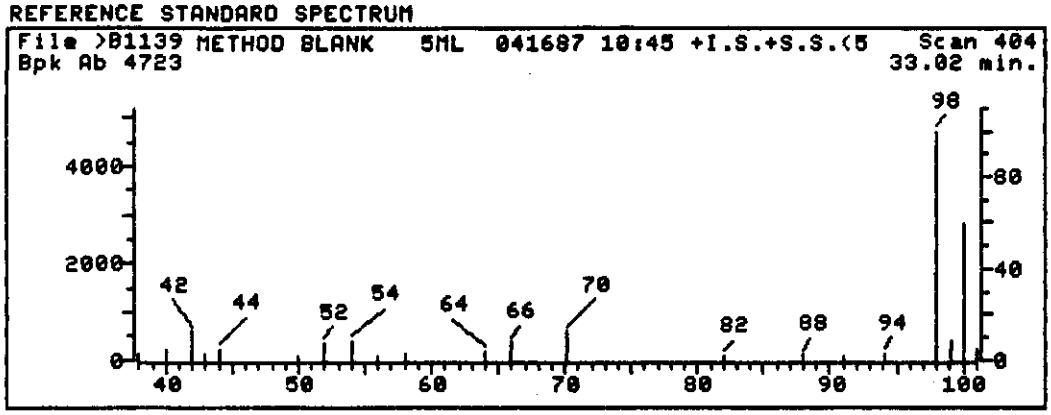
SAMPLE SPECTRUM



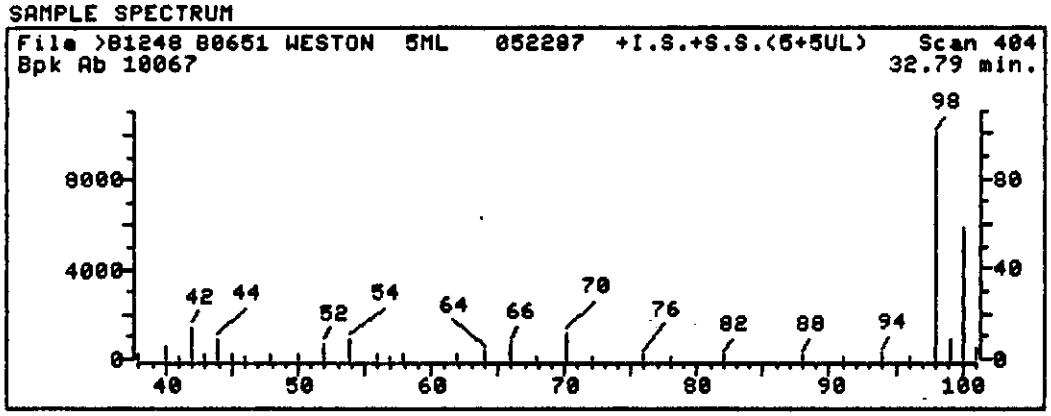
Data File: >B1248::D2 Quant Output File: ^B1248::D3
Name: B0651 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 22:18 Quant ID File: IDVOL5::D4
Injected at: 870522 21:24 Last Calibration: 870522 17:07

Compound No: 39
Compound Name: Toluene
Scan Number: 407
Retention Time: 33.02 min.
Quant Ion: 91.0
Area: 7895
Concentration: 1.60 UG/L
q-value: 93

REFERENCE STANDARD SPECTRUM



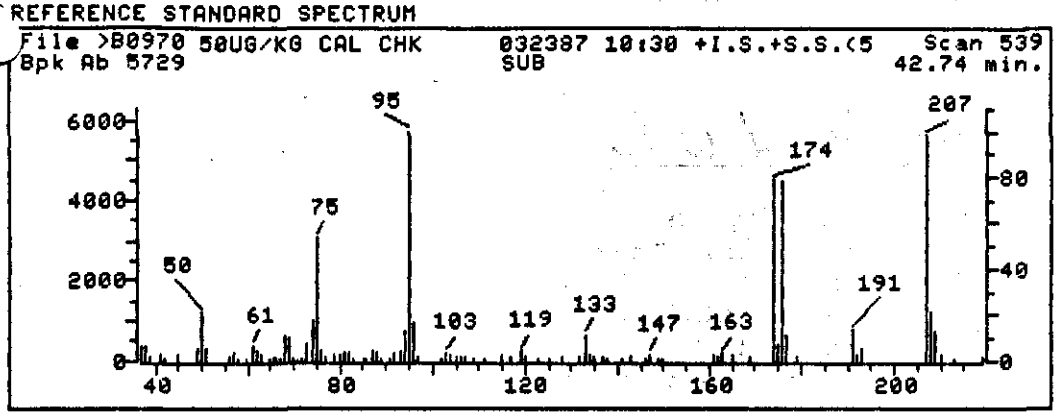
SAMPLE SPECTRUM



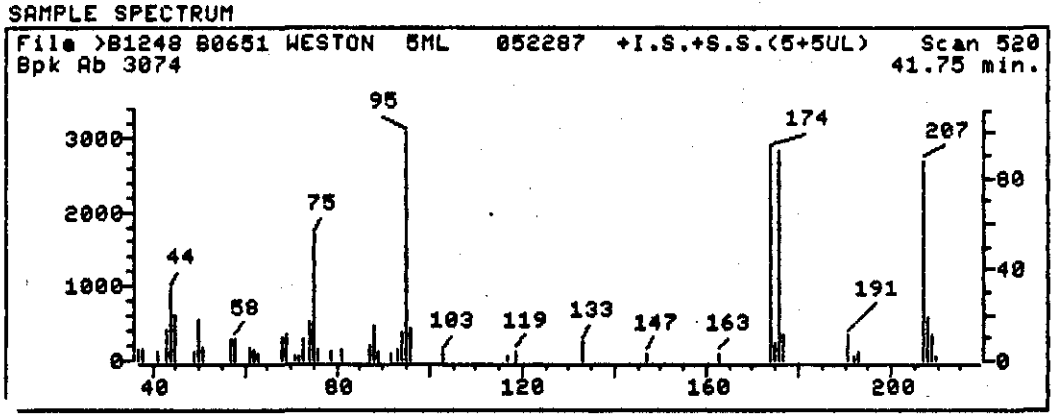
Data File: >B1248::D2 Quant Output File: ^B1248::D3
Name: B0651 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 22:18 Quant ID File: IDVOL5::D4
Injected at: 870522 21:24 Last Calibration: 870522 17:07

Compound No: 40
Compound Name: Toluene-d-8(S.S.)
Scan Number: 404
Retention Time: 32.79 min.
Quant Ion: 98.0
Area: 237548
Concentration: 53.40 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >B1248::D2 Quant Output File: ^B1248::D3
Name: B0651 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 22:18 Quant ID File: IDVOL5::D4
Injected at: 870522 21:24 Last Calibration: 870522 17:07

Compound No: 44
Compound Name: Bromofluorobenzene(S.S.)
Scan Number: 520
Retention Time: 41.75 min.
Quant Ion: 95.0
Area: 152157
Concentration: 50.89 UG/L
q-value: 100

AR400060

#6

Sample Number
80652

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >B1249::D2
Sample Matrix: WATER
Data release Authorized by: Richard W Lynch

Case No.: N/A
QC Report No.: 46
Contract No.: N/A
Date Sample Received: 22 MAY 87

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/22/87 22:30
Conc/Dil factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/L or ug/Kg (Circle One)		C.A.S. Number		ug/L or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	2.	J
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
107-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	6.	B	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	10.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	2.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-6	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

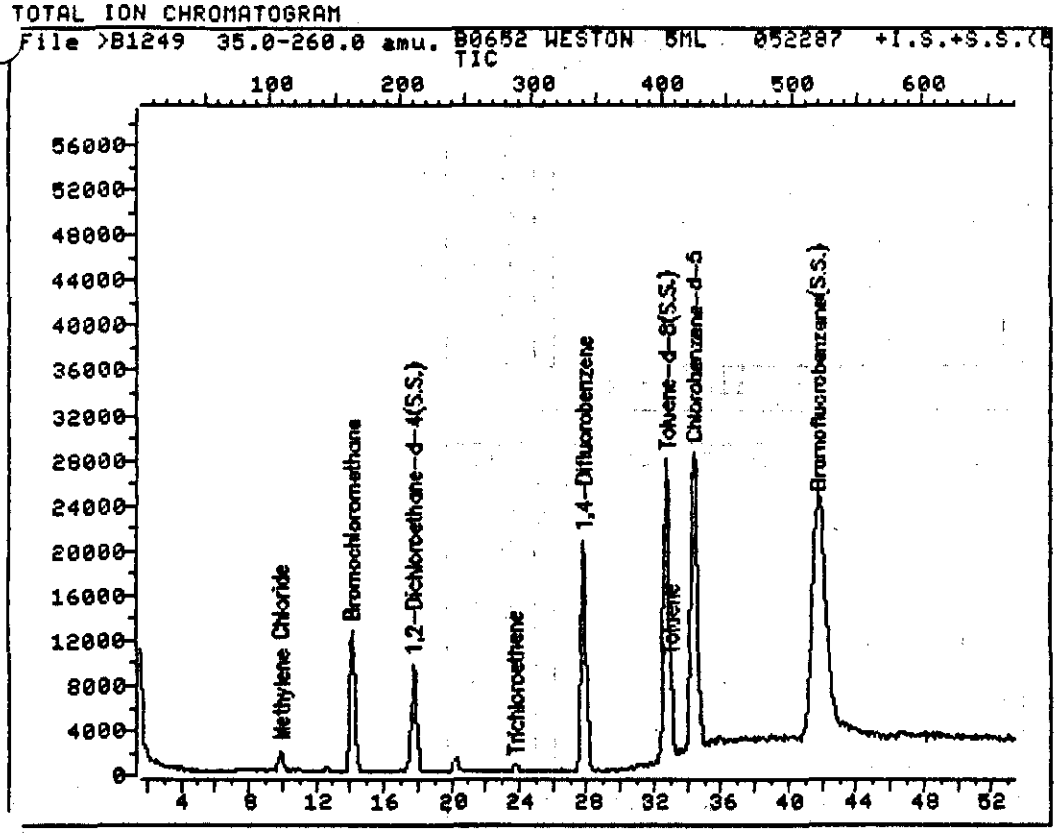
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

AR400061

TOTAL ION CHROMATOGRAM

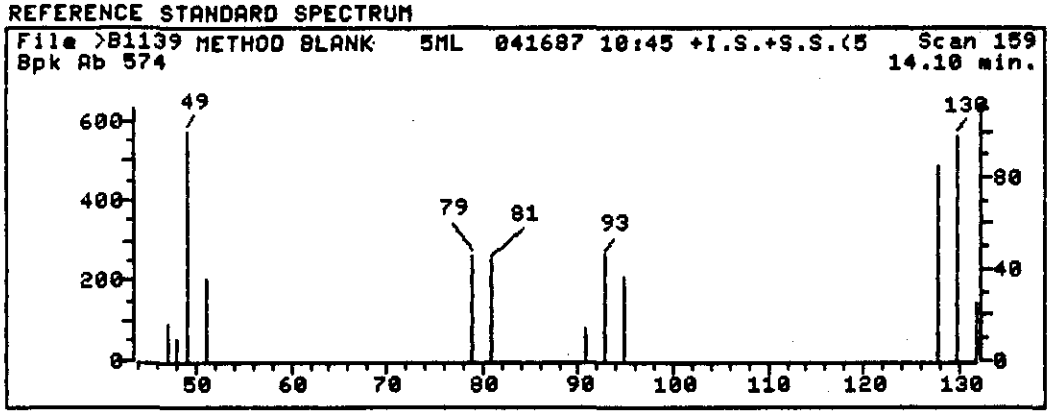


Data File: >B1249::D2 Quant Output File: ^B1249::D3
Name: B0652 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)

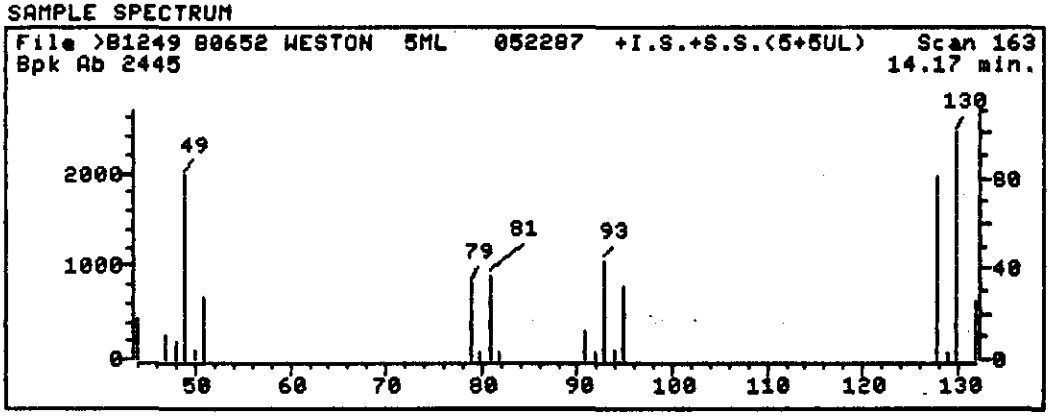
Id File: IDVOL5::D4
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870522 17:07

Operator ID: DT9093
Quant Time: 870522 23:24
Injected at: 870522 22:30

REFERENCE STANDARD SPECTRUM



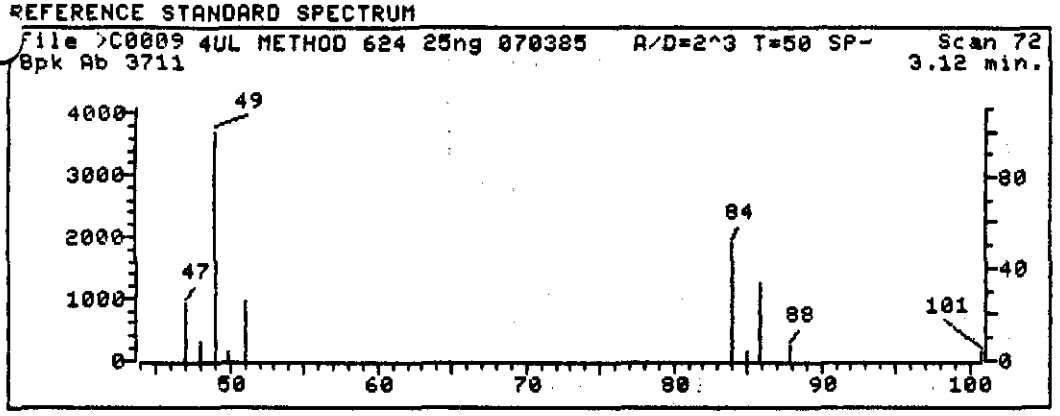
SAMPLE SPECTRUM



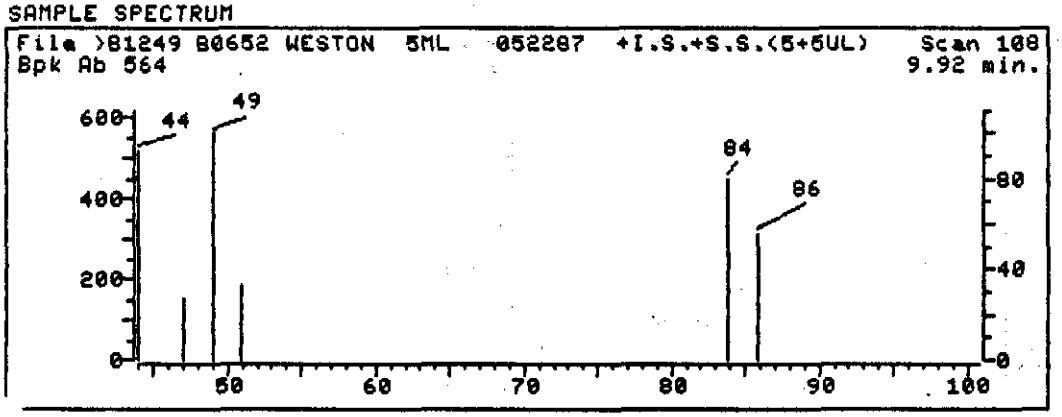
Data File: >B1249::D2 Quant Output File: ^B1249::D3
Name: B0652 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 23:24 Quant ID File: IDVOL5::D4
Injected at: 870522 22:30 Last Calibration: 870522 17:07

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 163
Retention Time: 14.17 min.
Quant Ion: 49.0
Area: 42979
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



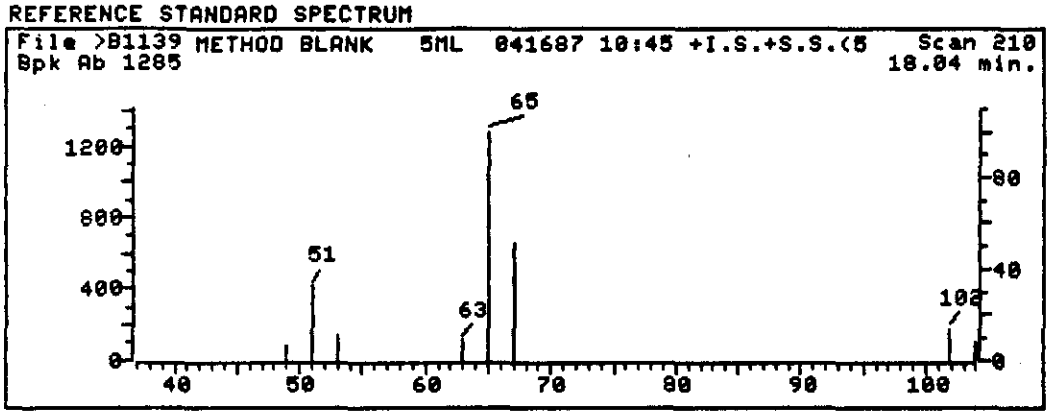
SAMPLE SPECTRUM



Data File: >B1249::D2 Quant Output File: ^B1249::D3
Name: B0652 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 23:24 Quant ID File: IDVOL5::D4
Injected at: 870522 22:30 Last Calibration: 870522 17:07

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 108
Retention Time: 9.92 min.
Quant Ion: 49.0
Area: 10614
Concentration: 6.24 UG/L
q-value: 55

REFERENCE STANDARD SPECTRUM



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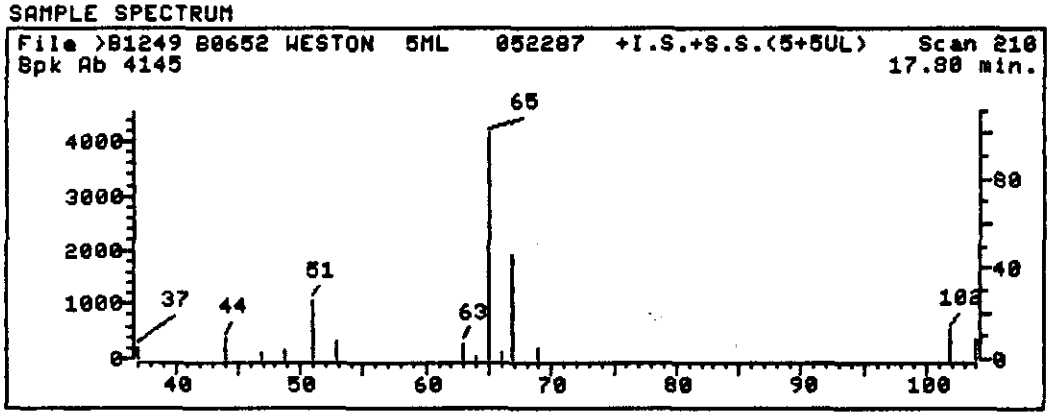
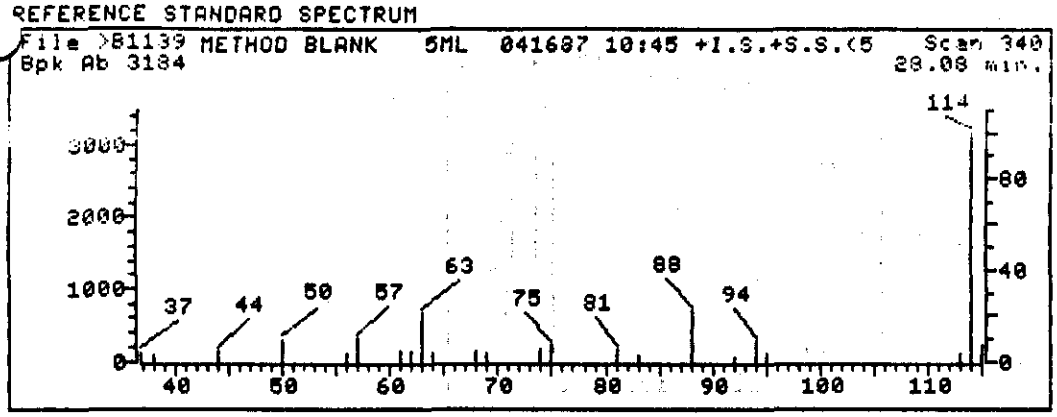


Data File: >B1249::D2 Quant Output File: ^B1249::D3
Name: B0652 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 23:24 Quant ID File: IDVOL5::D4
Injected at: 870522 22:30 Last Calibration: 870522 17:07

Compound No: 19
Compound Name: 1,2-Dichloroethane-d-4(S.S.)
Scan Number: 210
Retention Time: 17.80 min.
Quant Ion: 65.0
Area: 88134
Concentration: 43.59 UG/L
q-value: 96.

REFERENCE STANDARD SPECTRUM



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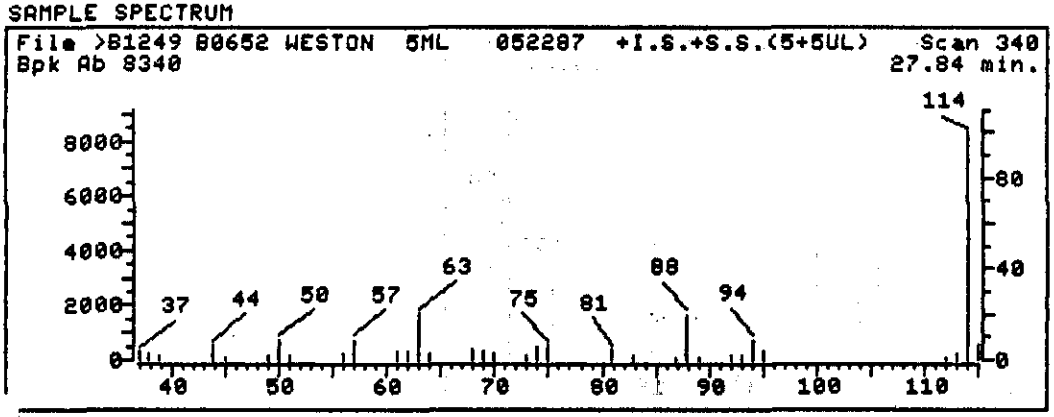
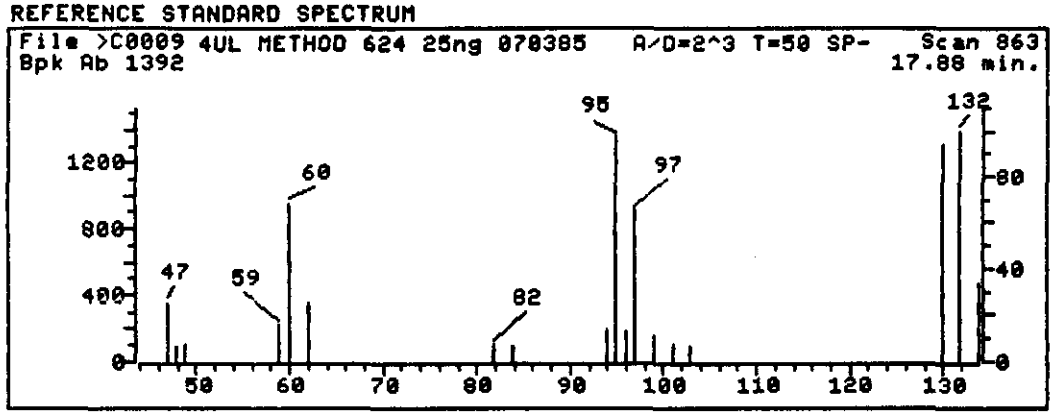


Data File: >B1249::D2 Quant Output File: ^B1249::D3
Name: B0652 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 23:24 Quant ID File: IDVOL5::D4
Injected at: 870522 22:30 Last Calibration: 870522 17:07

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 340
Retention Time: 27.84 min.
Quant Ion: 114.0
Area: 185079
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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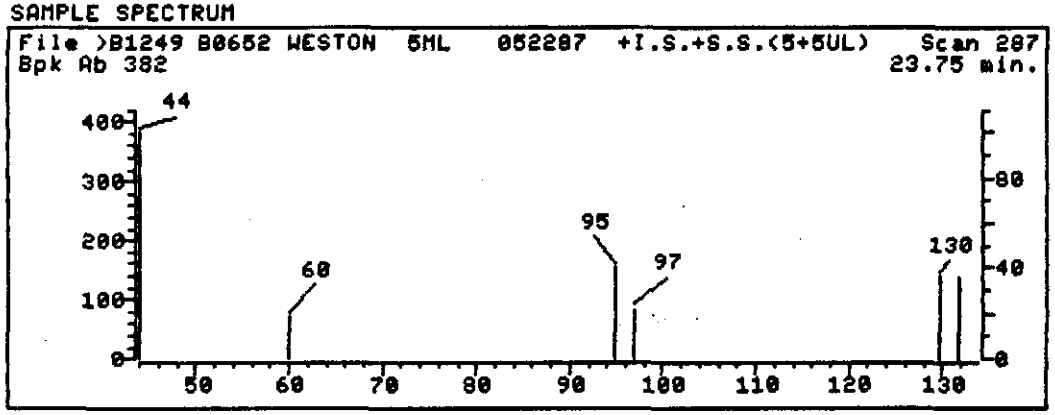
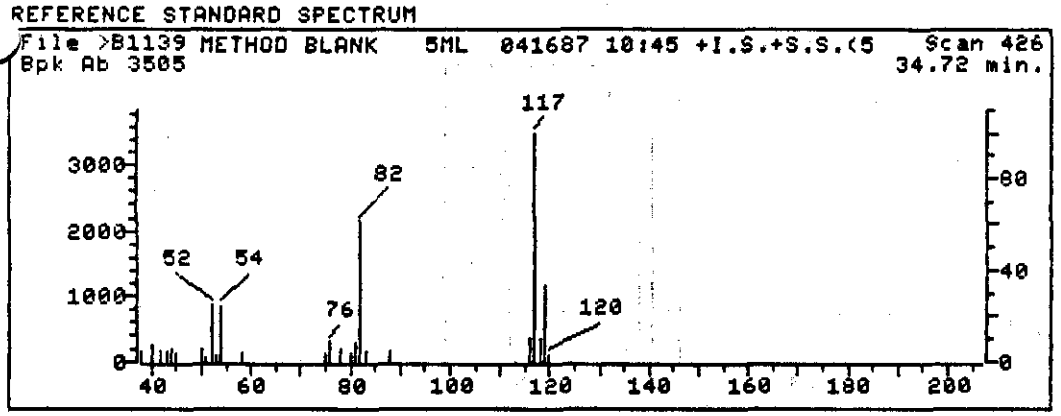


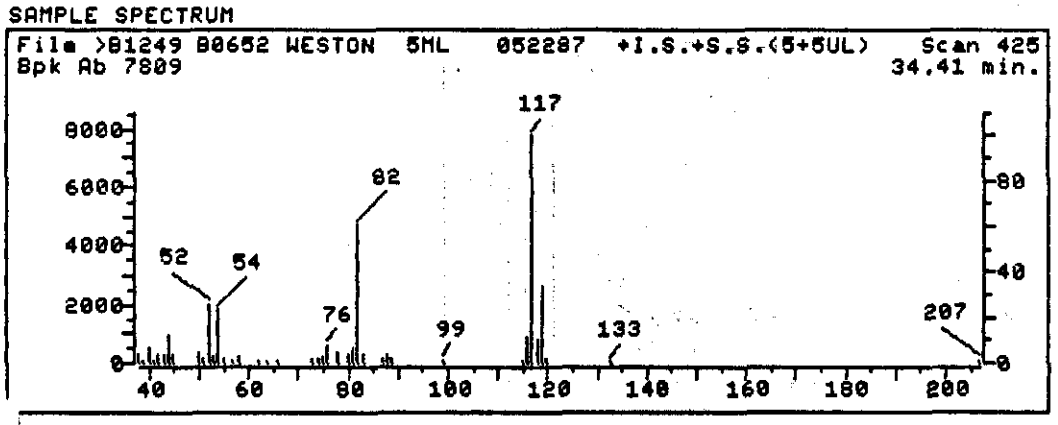
Data File: >B1249::D2 Quant Output File: ^B1249::D3
Name: B0652 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 23:24 Quant ID File: IDVOL5::D4
Injected at: 870522 22:30 Last Calibration: 870522 17:07

Compound No: 27
Compound Name: Trichloroethene
Scan Number: 287
Retention Time: 23.75 min.
Quant Ion: 95.0
Area: 3230
Concentration: 2.24 UG/L
q-value: 95

REFERENCE STANDARD SPECTRUM



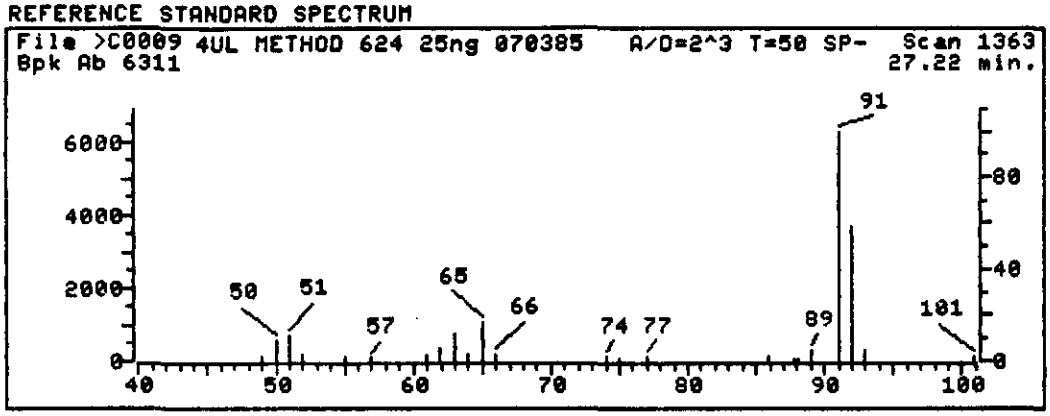
SAMPLE SPECTRUM



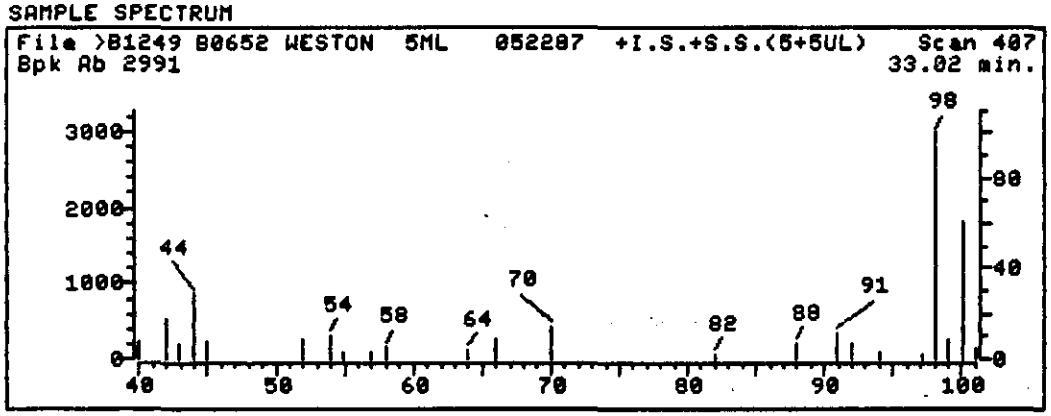
Data File: >B1249::D2 Quant Output File: ^B1249::D3
Name: B0652 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 23:24 Quant ID File: IDVOL5::D4
Injected at: 870522 22:30 Last Calibration: 870522 17:07

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d-5
Scan Number: 425
Retention Time: 34.41 min.
Quant Ion: 117.0
Area: 206290
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



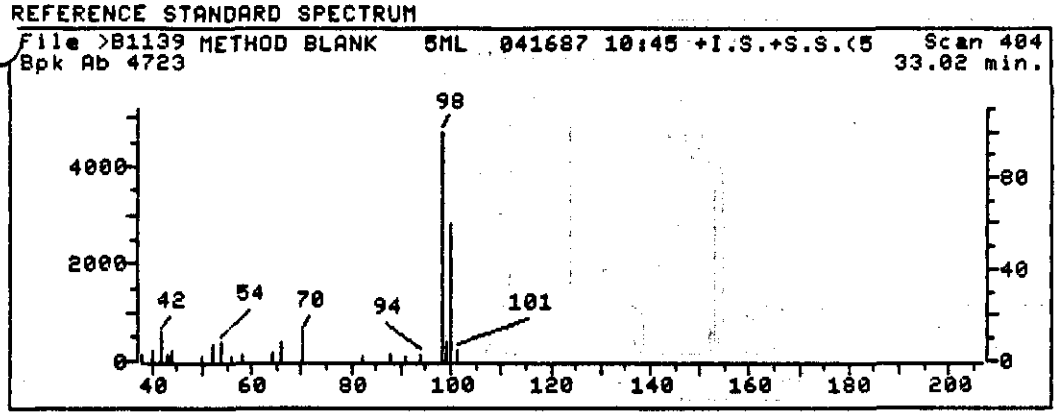
SAMPLE SPECTRUM



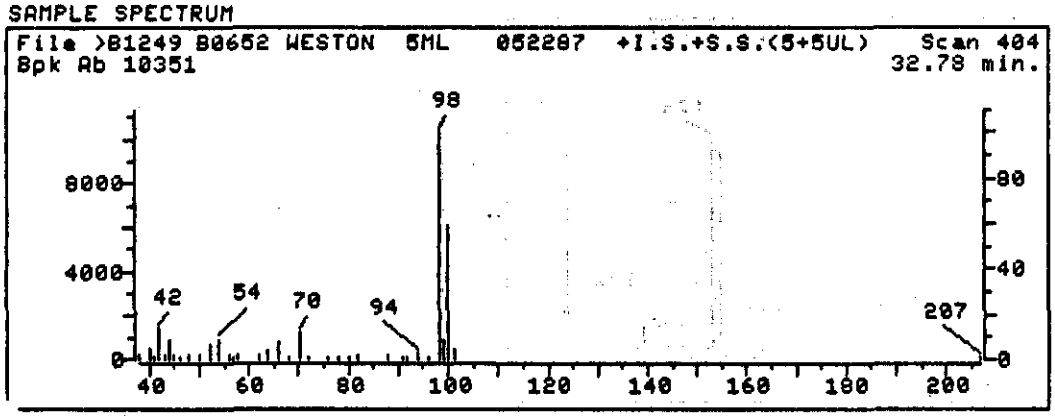
Data File: >B1249::D2 Quant Output File: ^B1249::D3
Name: B0652 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 23:24 Quant ID File: IDVOL5::D4
Injected at: 870522 22:30 Last Calibration: 870522 17:07

Compound No: 39
Compound Name: Toluene
Scan Number: 407
Retention Time: 33.02 min.
Quant Ion: 91.0
Area: 7755
Concentration: 1.53 UG/L
q-value: 95

REFERENCE STANDARD SPECTRUM



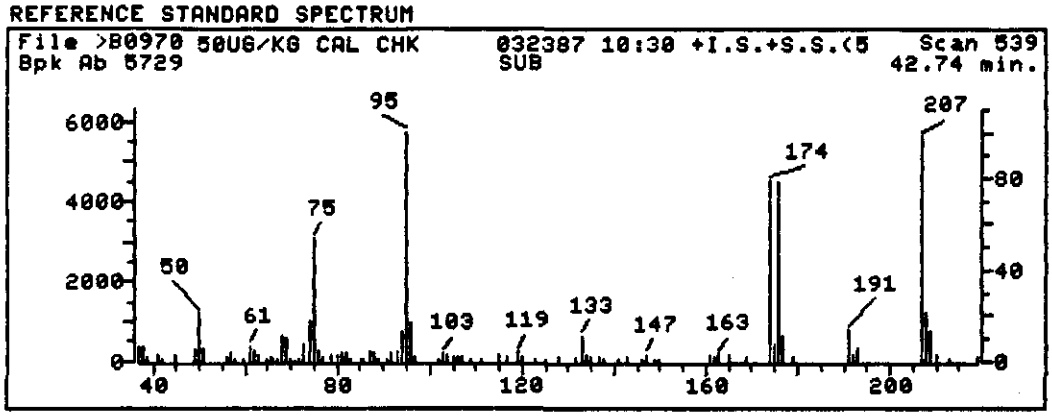
SAMPLE SPECTRUM



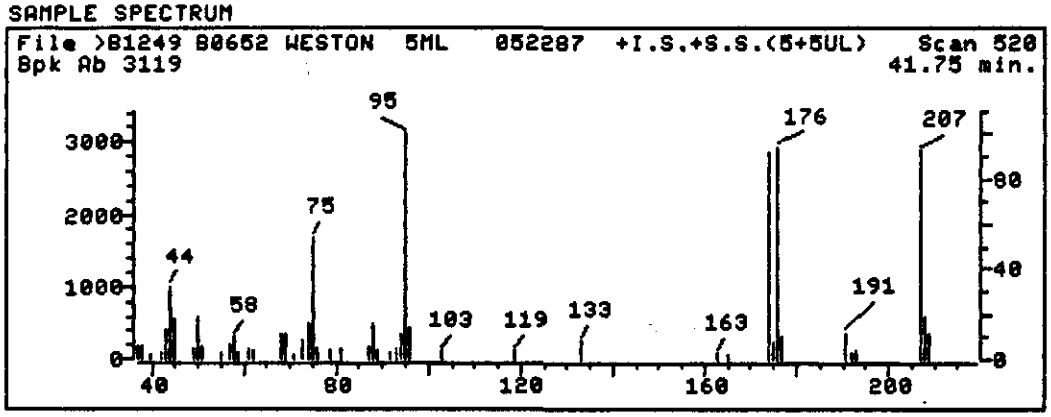
Data File: >B1249::D2 Quant Output File: ^B1249::D3
Name: B0652 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 23:24 Quant ID File: IDVOL5::D4
Injected at: 870522 22:30 Last Calibration: 870522 17:07

Compound No: 40
Compound Name: Toluene-d-8(S.S.)
Scan Number: 404
Retention Time: 32.78 min.
Quant Ion: 98.0
Area: 244410
Concentration: 53.33 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >B1249::D2 Quant Output File: ^B1249::D3
Name: B0652 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 23:24 Quant ID File: IDVOL5::D4
Injected at: 870522 22:30 Last Calibration: 870522 17:07

Compound No: 44
Compound Name: Bromofluorobenzene(S.S.)
Scan Number: 520
Retention Time: 41.75 min.
Quant Ion: 95.0
Area: 155176
Concentration: 50.37 UG/L
q-value: 100

Sample Number
B0453

Organics Analysis Data Sheet
Page 1

Laboratory Name: Wastex Ind of MD
Lab Sample ID: >B12501:D2
Sample Matrix: WATER
Test Class: Authorized by: Richard W Lynch

Case No.: N/A
SDG Report No.: 48
Contract No.: N/A
Date Sample Received: 27 MAY 97

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5 JUN 97 03:33
Conc/Dil Factor: 1
Percent Moisture: Not Decanted: N/A

C.A.S. Number		(ug/L or ug/g) (Circle One)		C.A.S. Number		(ug/L or ug/g) (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	2.	J
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
107-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	7.	B	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	10.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-06-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	2.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

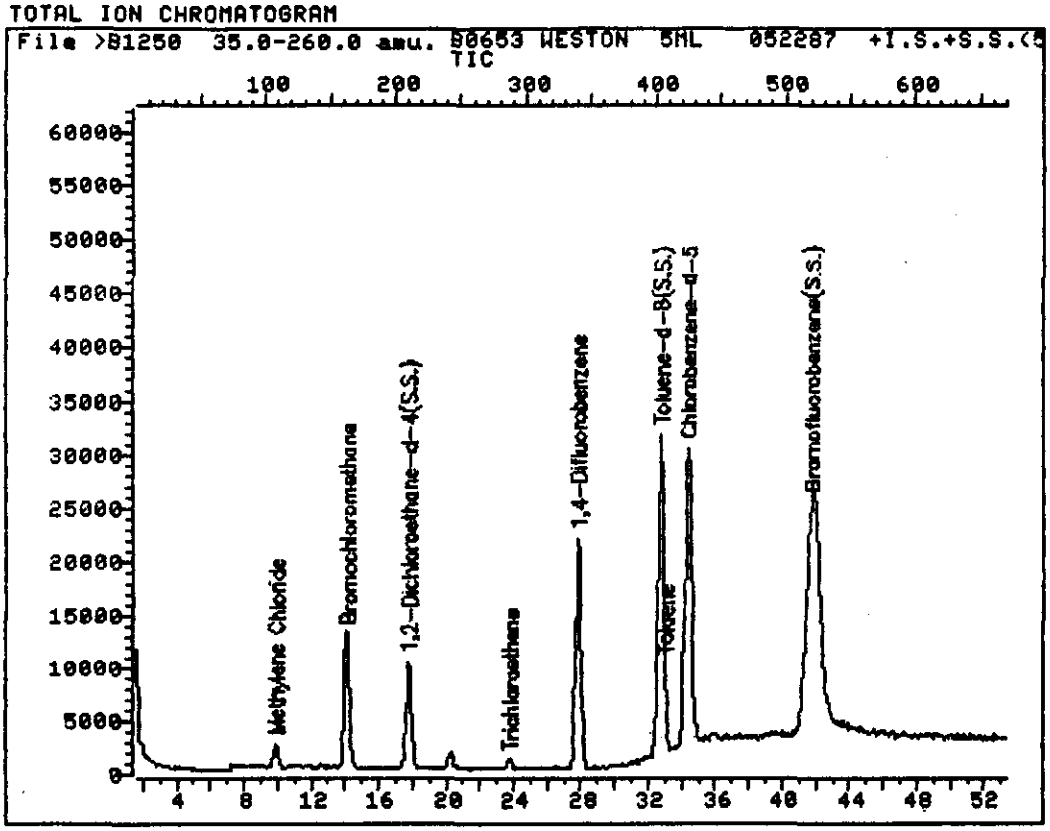
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

AR400072

OPTIONAL FLAGS

N - Compound not present in Calibration File.

TOTAL ION CHROMATOGRAM

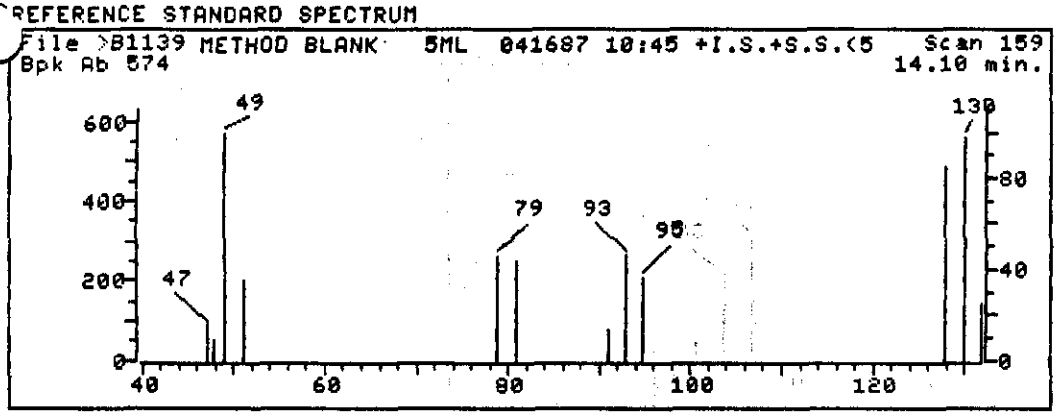


Data File: >B1250::D2 Quant Output File: ^B1250::D3
Name: B0653 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)

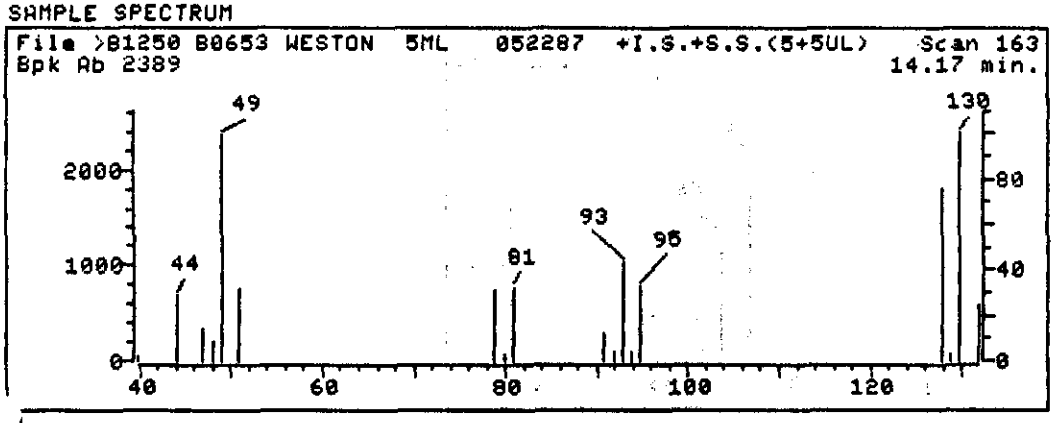
Id File: IDVOL5::D4
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870522 17:07

Operator ID: DT9093
Quant Time: 870523 00:33
Injected at: 870522 23:39

REFERENCE STANDARD SPECTRUM



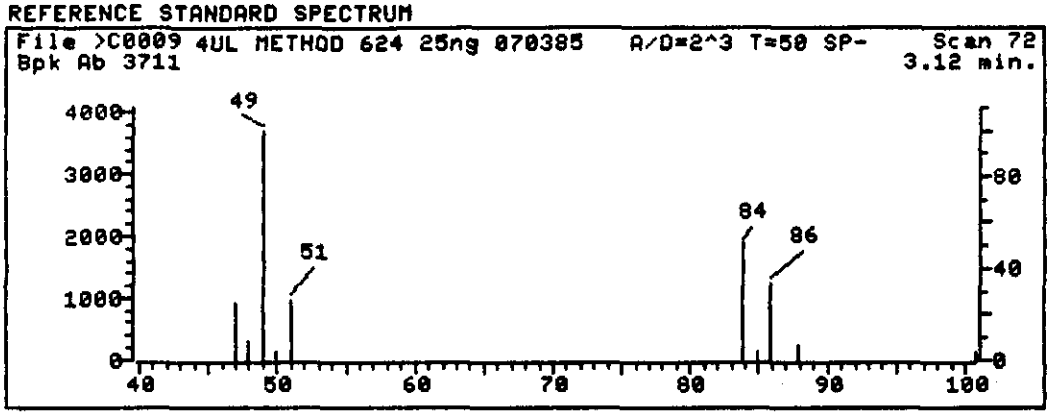
SAMPLE SPECTRUM



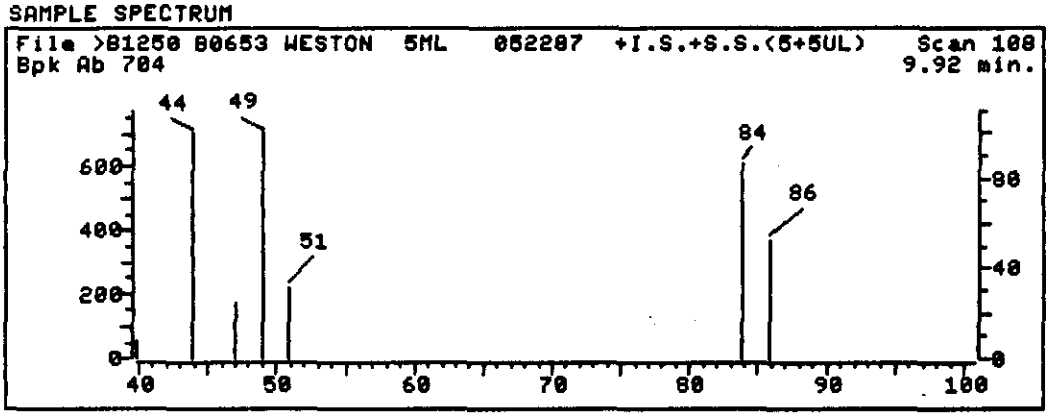
Data File: >B1250::D2 Quant Output File: ^B1250::D3
Name: B0653 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 00:33 Quant ID File: IDVOL5::D4
Injected at: 870522 23:39 Last Calibration: 870522 17:07

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 163
Retention Time: 14.17 min.
Quant Ion: 49.0
Area: 51360
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



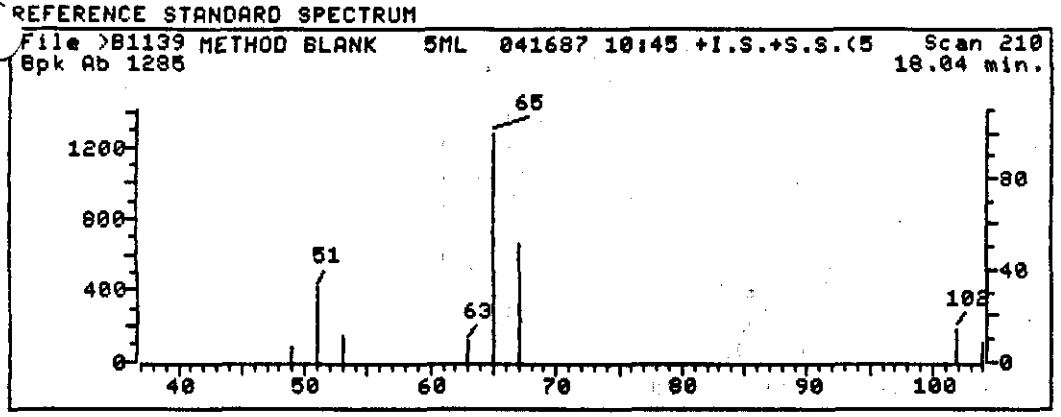
SAMPLE SPECTRUM



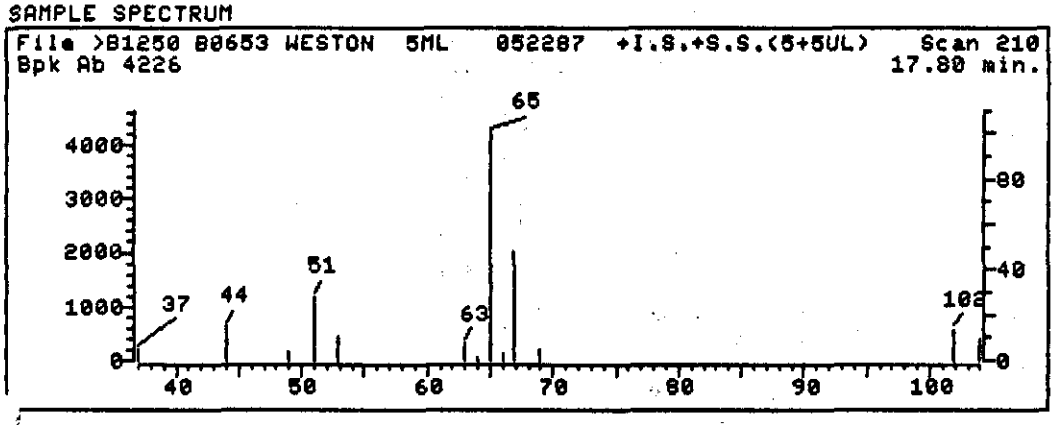
Data File: >B1250::D2 Quant Output File: ^B1250::D3
Name: B0653 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 00:33 Quant ID File: IDVOL5::D4
Injected at: 870522 23:39 Last Calibration: 870522 17:07

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 108
Retention Time: 9.92 min.
Quant Ion: 49.0
Area: 13904
Concentration: 6.84 UG/L
q-value: 51

REFERENCE STANDARD SPECTRUM



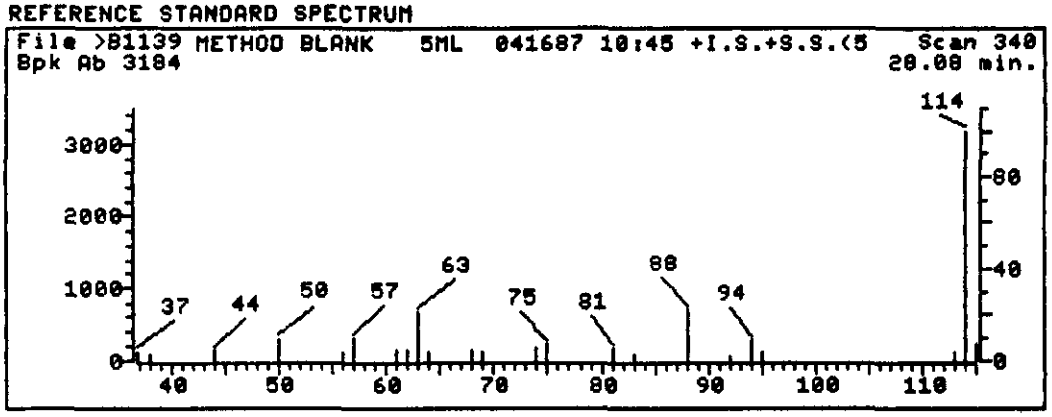
SAMPLE SPECTRUM



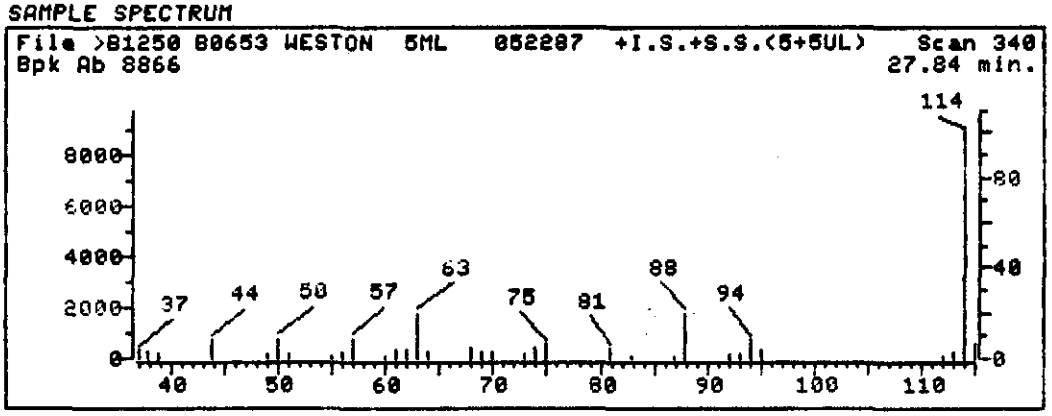
Data File: >B1250::D2 Quant Output File: ^B1250::D3
Name: B0653 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 00:33 Quant ID File: IDVOL5::D4
Injected at: 870522 23:39 Last Calibration: 870522 17:07

Compound No: 19
Compound Name: 1,2-Dichloroethane-d-4(S.S.)
Scan Number: 210
Retention Time: 17.80 min.
Quant Ion: 65.0
Area: 91980
Concentration: 38.07 UG/L
q-value: 99.

REFERENCE STANDARD SPECTRUM



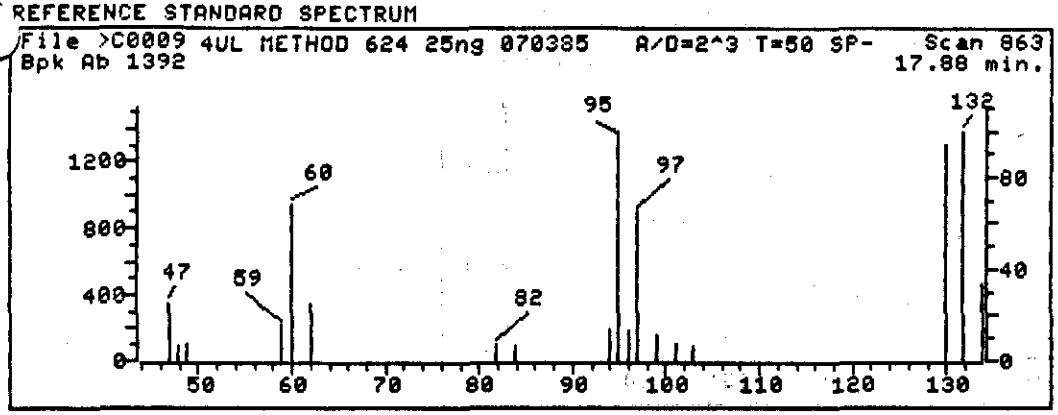
SAMPLE SPECTRUM



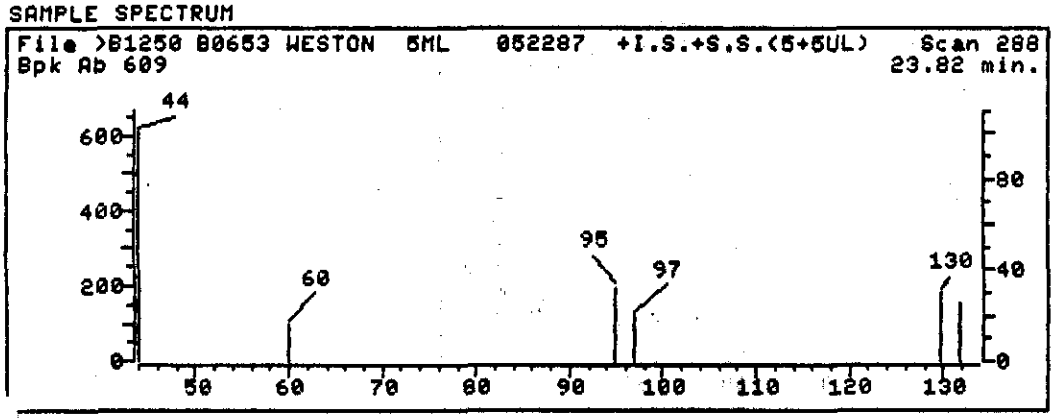
Data File: >B1250::D2 Quant Output File: ^B1250::D3
Name: B0653 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 00:33 Quant ID File: IDVOL5::D4
Injected at: 870522 23:39 Last Calibration: 870522 17:07

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 340
Retention Time: 27.84 min.
Quant Ion: 114.0
Area: 199953
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



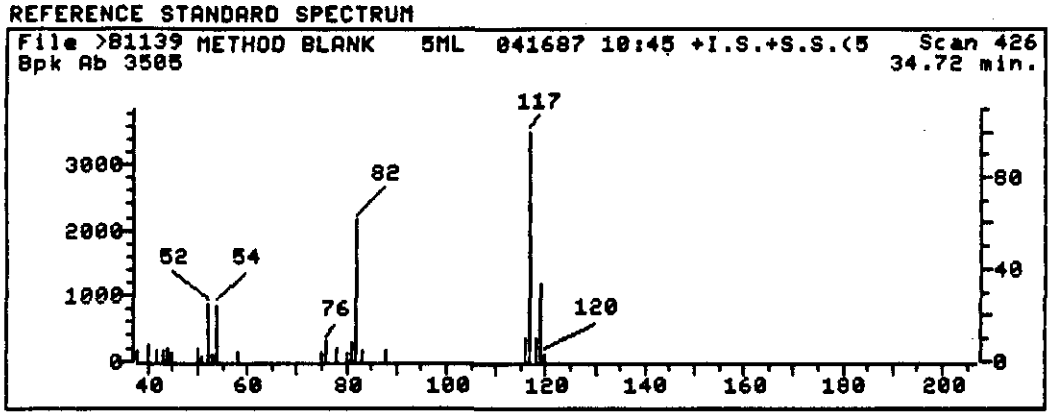
SAMPLE SPECTRUM



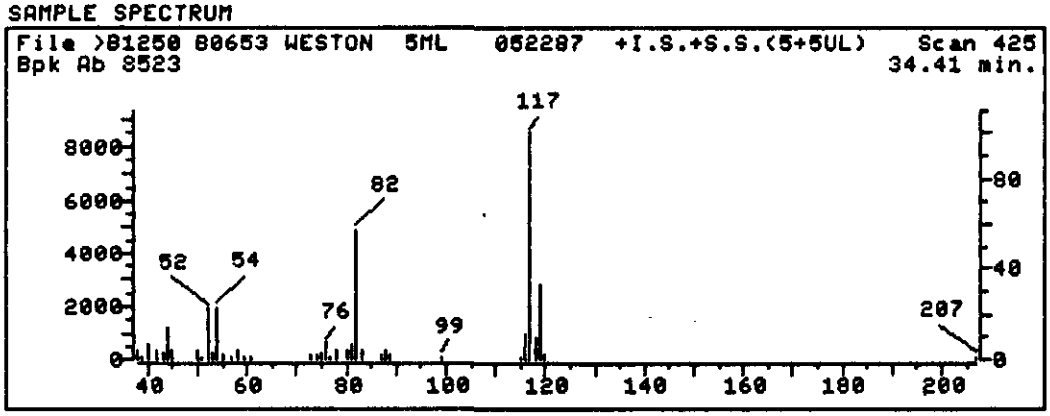
Data File: >B1250::D2 Quant Output File: ^B1250::D3
Name: B0653 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 00:33 Quant ID File: IDVOL5::D4
Injected at: 870522 23:39 Last Calibration: 870522 17:07

Compound No: 27
Compound Name: Trichloroethene
Scan Number: 288
Retention Time: 23.82 min.
Quant Ion: 95.0
Area: 3564
Concentration: 2.29 UG/L
q-value: 90

REFERENCE STANDARD SPECTRUM



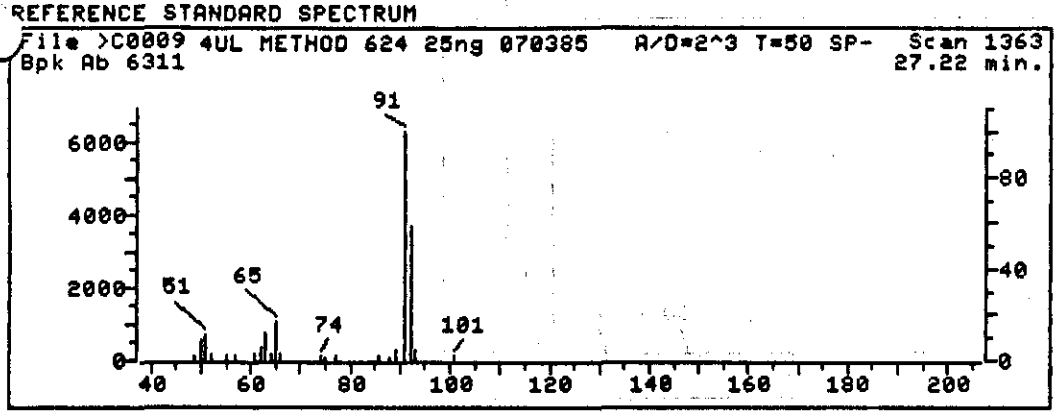
SAMPLE SPECTRUM



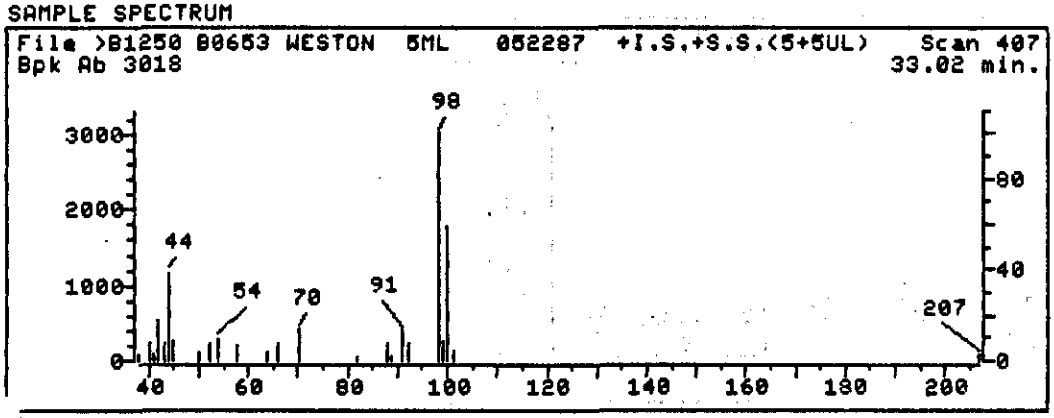
Data File: >B1250::D2 Quant Output File: ^B1250::D3
Name: B0653 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 00:33 Quant ID File: IDVOL5::D4
Injected at: 870522 23:39 Last Calibration: 870522 17:07

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d-5
Scan Number: 425
Retention Time: 34.41 min.
Quant Ion: 117.0
Area: 224138
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



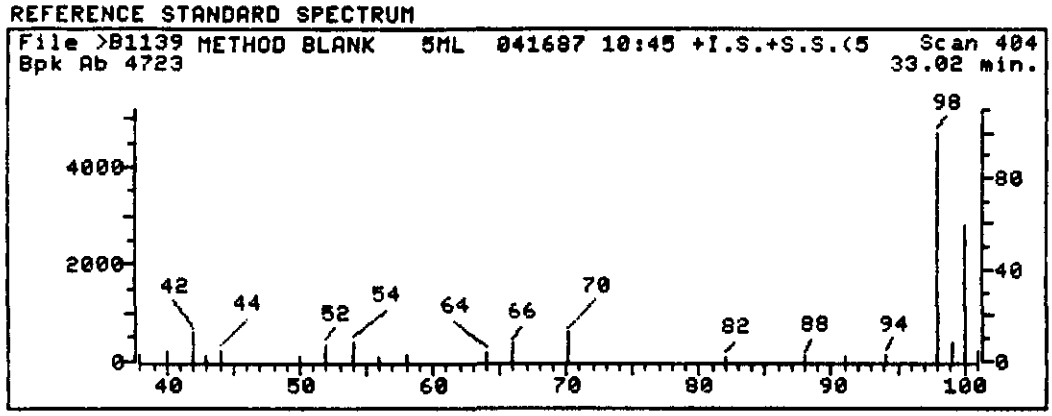
SAMPLE SPECTRUM



Data File: >B1250::D2 Quant Output File: ^B1250::D3
Name: B0653 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 00:33 Quant ID File: IDVOL5::D4
Injected at: 870522 23:39 Last Calibration: 870522 17:07

Compound No: 39
Compound Name: Toluene
Scan Number: 407
Retention Time: 33.02 min.
Quant Ion: 91.0
Area: 8999
Concentration: 1.63 UG/L
q-value: 95

REFERENCE STANDARD SPECTRUM



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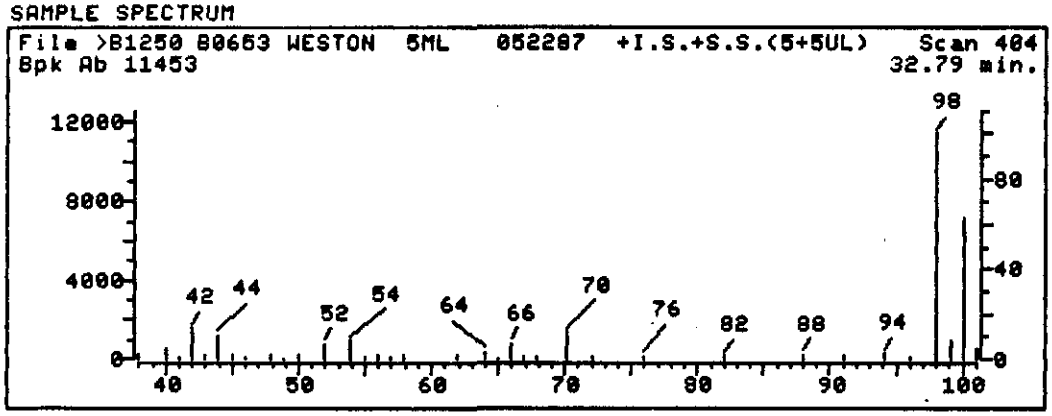
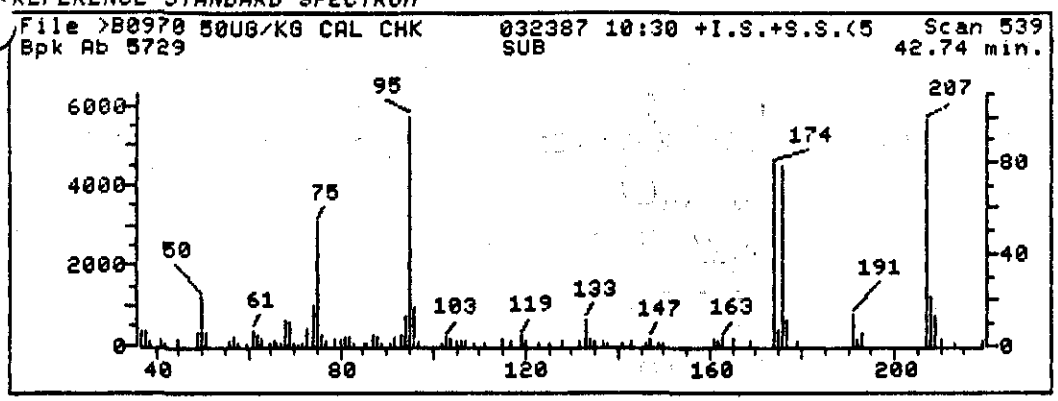


Data File: >B1250::D2 Quant Output File: ^B1250::D3
Name: B0653 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 00:33 Quant ID File: IDVOL5::D4
Injected at: 870522 23:39 Last Calibration: 870522 17:07

Compound No: 40
Compound Name: Toluene-d-8(S.S.)
Scan Number: 404
Retention Time: 32.79 min.
Quant Ion: 98.0
Area: 273109
Concentration: 54.85 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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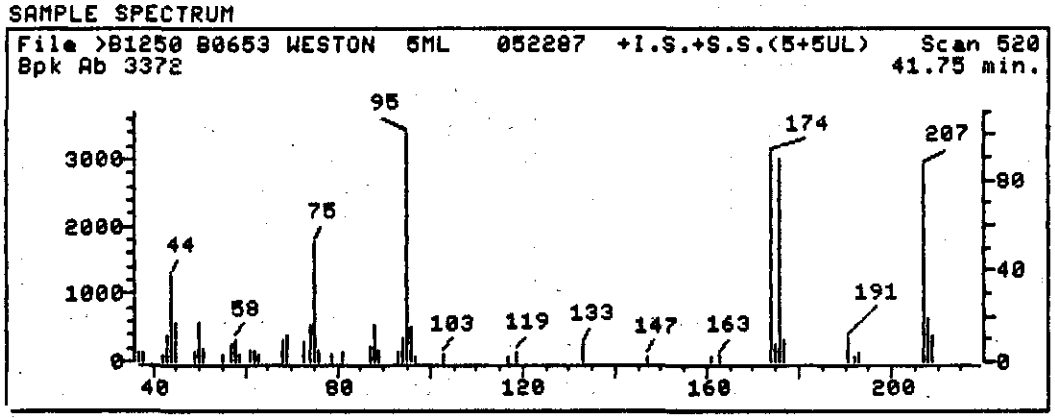


Data File: >B1250::D2 Quant Output File: ^B1250::D3
Name: B0653 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 00:33 Quant ID File: IDVOL5::D4
Injected at: 870522 23:39 Last Calibration: 870522 17:07

Compound No: 44
Compound Name: Bromofluorobenzene(S.S.)
Scan Number: 520
Retention Time: 41.75 min.
Quant Ion: 95.0
Area: 164880
Concentration: 49.26 UG/L
q-value: 100

#8

Sample Number
80654

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >B1251::D2
Sample Matrix: WATER
Data release Authorized by: Richard W Lynch

Case No.: N/A
QC Report No.: 46
Contract No.: N/A
Date Sample Received: 22 MAY 87

Volatile Compounds

Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/22/87 00:53
Conc/Dil factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/l or ug/Kg (Circle One)		C.A.S. Number		ug/l or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	3.	J
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
167-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	7.	B	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	10.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	2.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

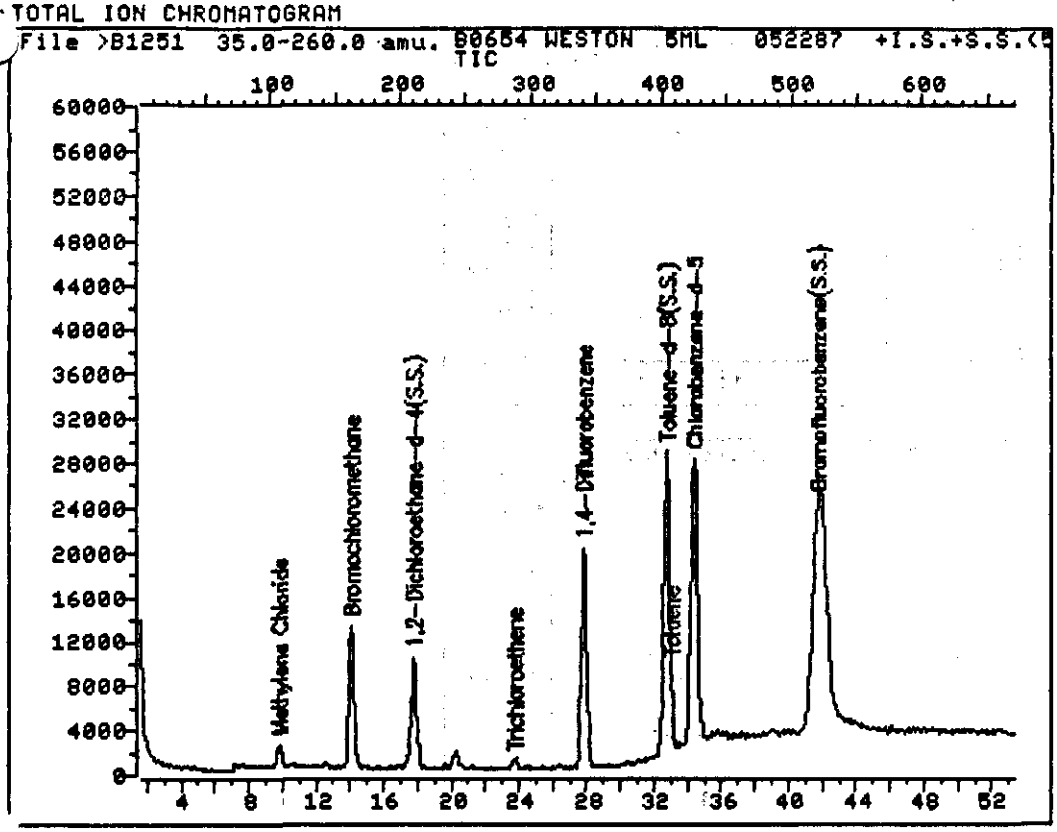
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

AR400083

OPTIONAL FLAGS

N - Compound not present in Calibration File.

TOTAL ION CHROMATOGRAM

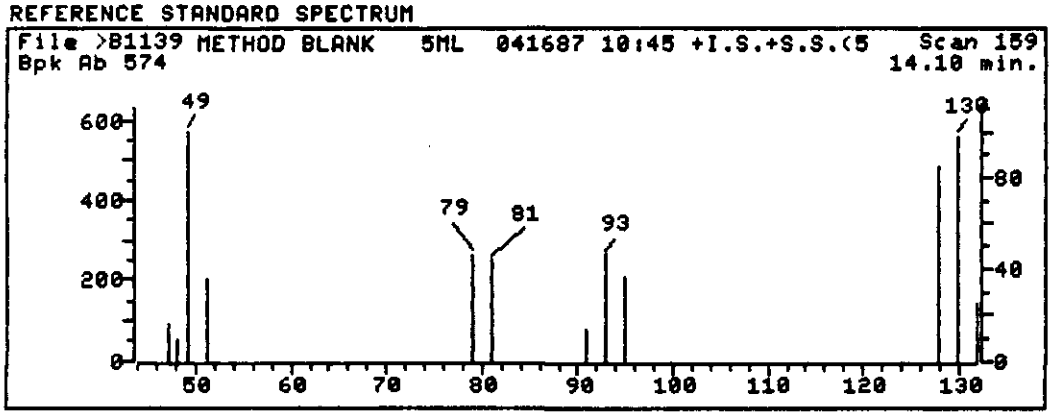


Data File: >B1251::D2 Quant Output File: ^B1251::D3
Name: B0654 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)

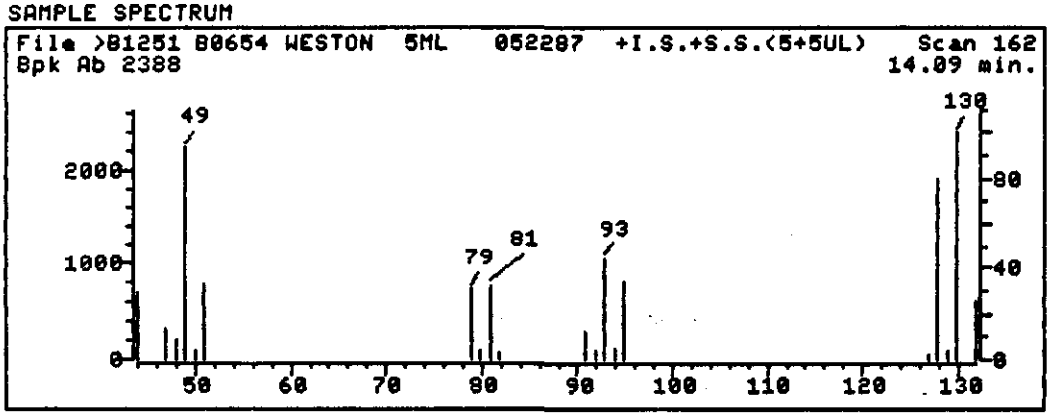
Id File: IDVOL5::D4
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870522 17:07

Operator ID: DT9093
Quant Time: 870523 01:47
Injected at: 870523 00:53

REFERENCE STANDARD SPECTRUM



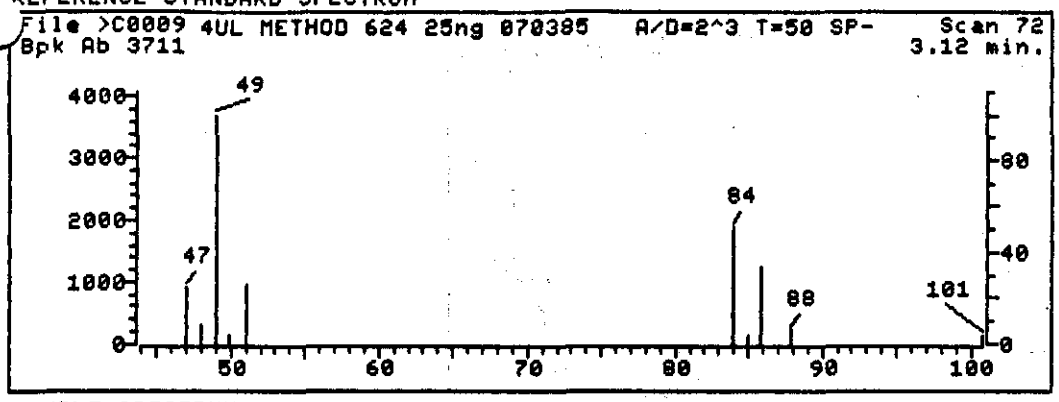
SAMPLE SPECTRUM



Data File: >B1251::D2 Quant Output File: ^B1251::D3
Name: B0654 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 01:47 Quant ID File: IDVOL5::D4
Injected at: 870523 00:53 Last Calibration: 870522 17:07

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 162
Retention Time: 14.09 min.
Quant Ion: 49.0
Area: 48543
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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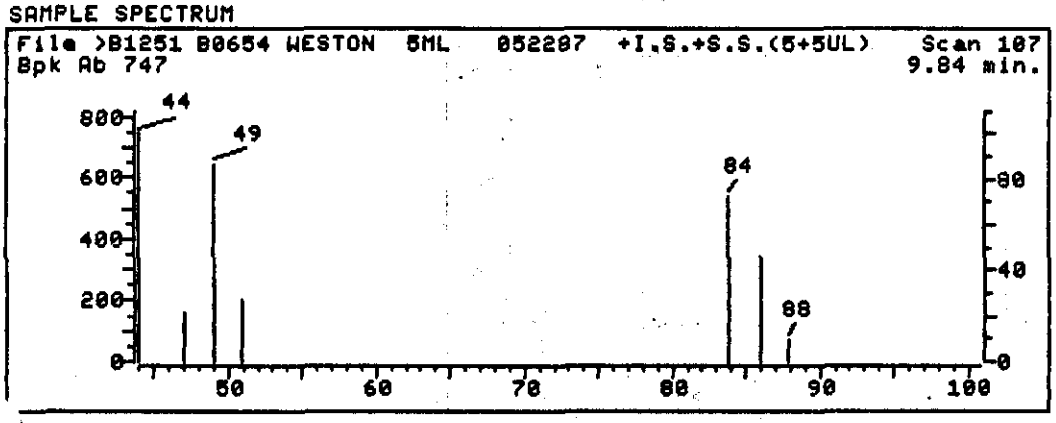
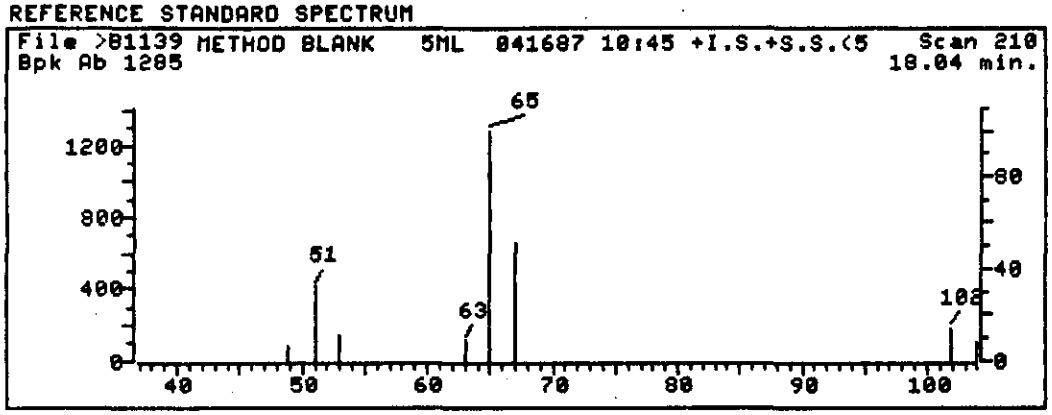


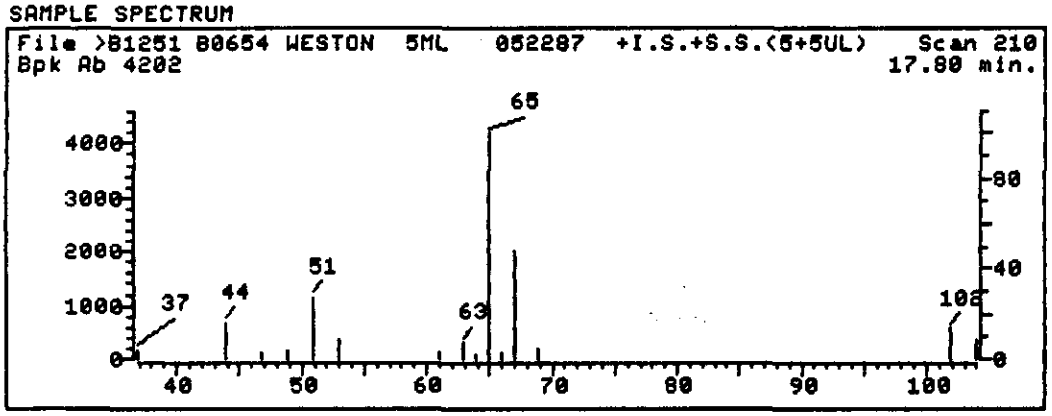
Data File: >B1251::D2 Quant Output File: ^B1251::D3
Name: B0654 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 01:47 Quant ID File: IDVOL5::D4
Injected at: 870523 00:53 Last Calibration: 870522 17:07

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 107
Retention Time: 9.84 min.
Quant Ion: 49.0
Area: 12903
Concentration: 6.72 UG/L
q-value: 53

REFERENCE STANDARD SPECTRUM



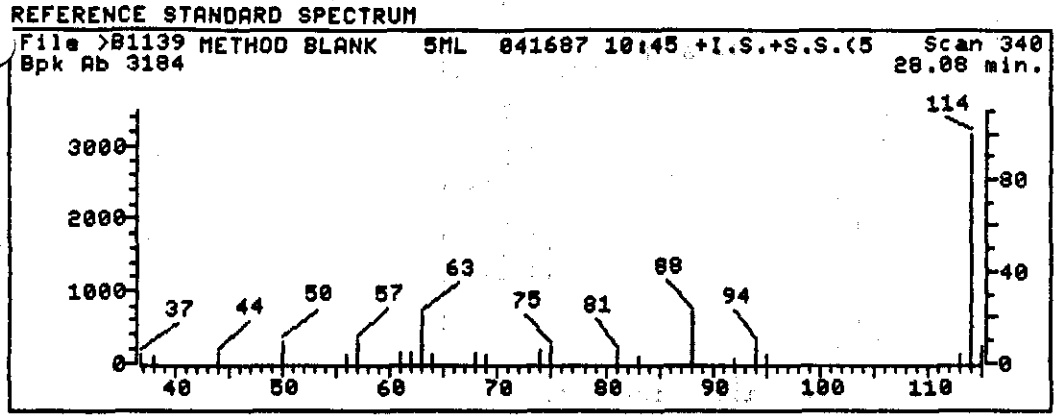
SAMPLE SPECTRUM



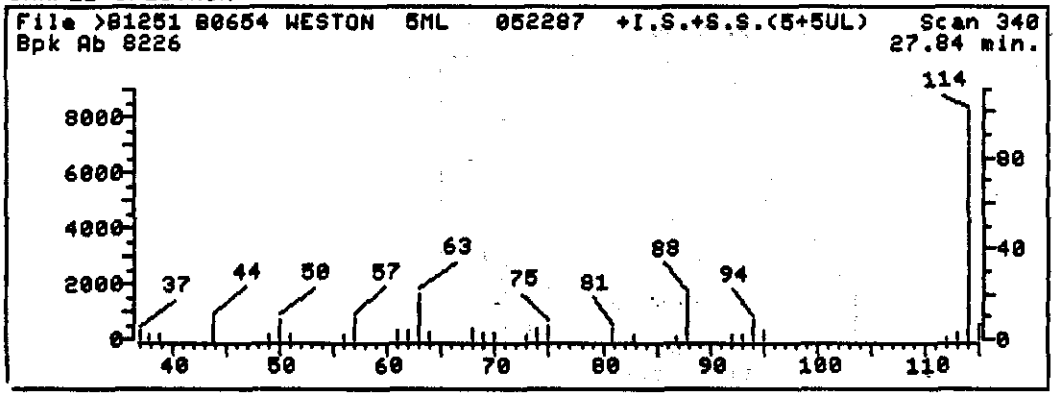
Data File: >B1251::D2 Quant Output File: ^B1251::D3
Name: B0654 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 01:47 Quant ID File: IDVOL5::D4
Injected at: 870523 00:53 Last Calibration: 870522 17:07

Compound No: 19
Compound Name: 1,2-Dichloroethane-d-4(S.S.)
Scan Number: 210
Retention Time: 17.80 min.
Quant Ion: 65.0
Area: 91287
Concentration: 39.98 UG/L
q-value: 99

REFERENCE STANDARD SPECTRUM



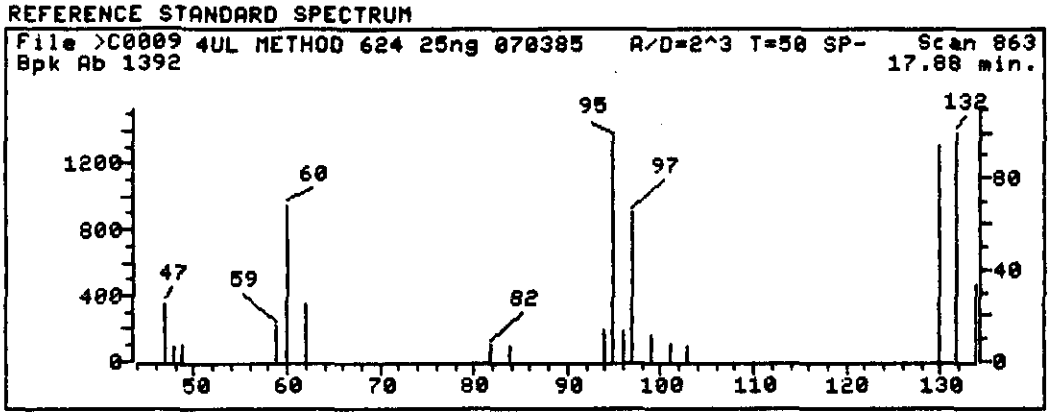
SAMPLE SPECTRUM



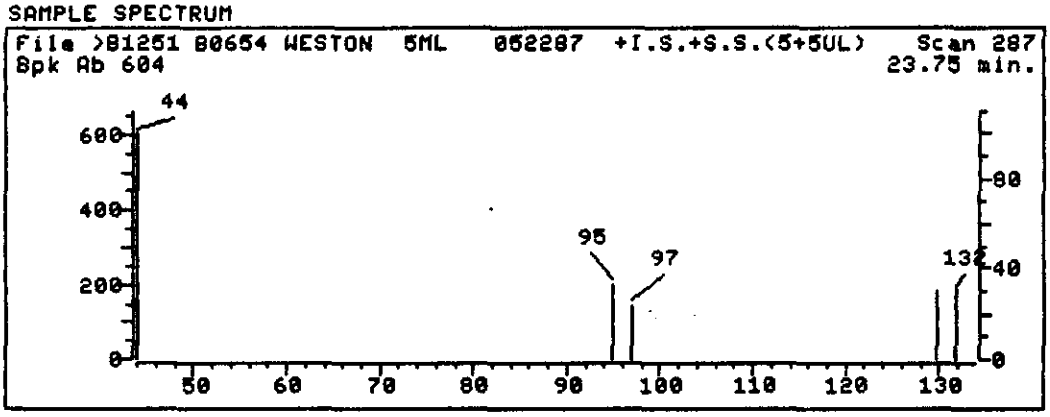
Data File: >B1251::D2 Quant Output File: ^B1251::D3
Name: B0654 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 01:47 Quant ID File: IDVOL5::D4
Injected at: 870523 00:53 Last Calibration: 870522 17:07

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 340
Retention Time: 27.84 min.
Quant Ion: 114.0
Area: 184794
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



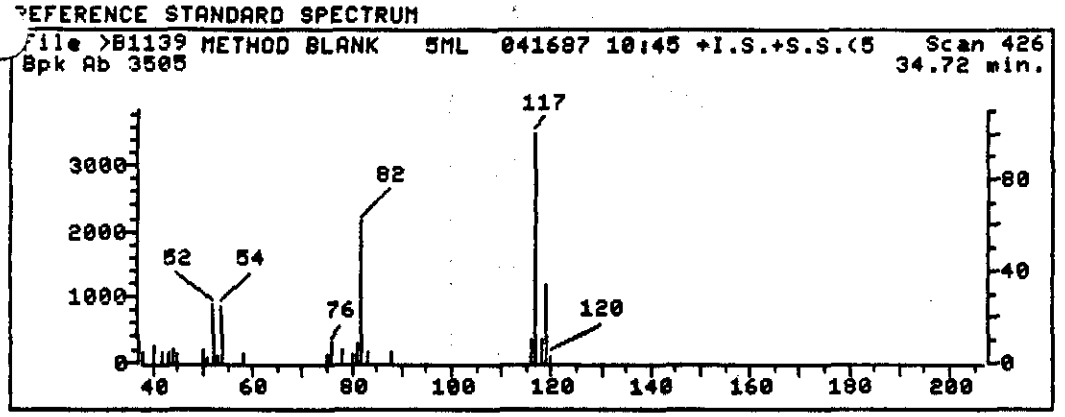
SAMPLE SPECTRUM



Data File: >B1251::D2 Quant Output File: ^B1251::D3
Name: B0654 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 01:47 Quant ID File: IDVOL5::D4
Injected at: 870523 00:53 Last Calibration: 870522 17:07

Compound No: 27
Compound Name: Trichloroethene
Scan Number: 287
Retention Time: 23.75 min.
Quant Ion: 95.0
Area: 4097
Concentration: 2.85 UG/L
q-value: 95

REFERENCE STANDARD SPECTRUM



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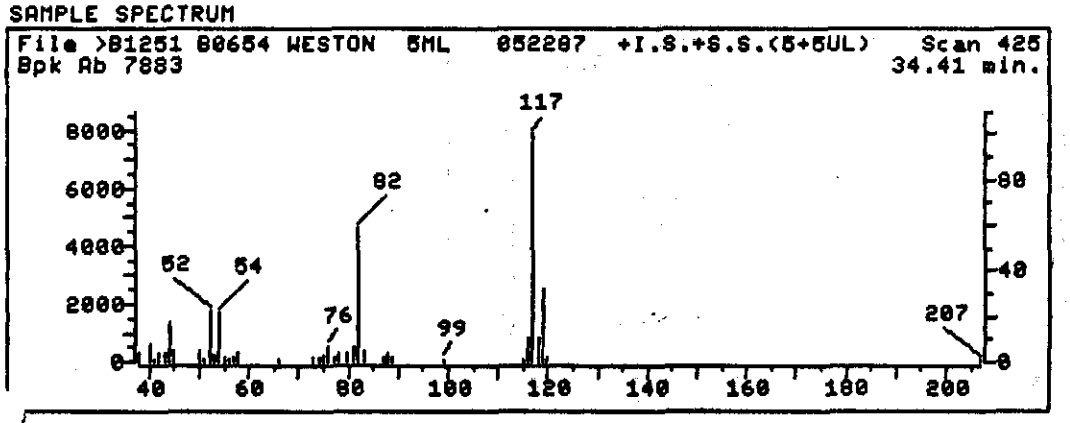
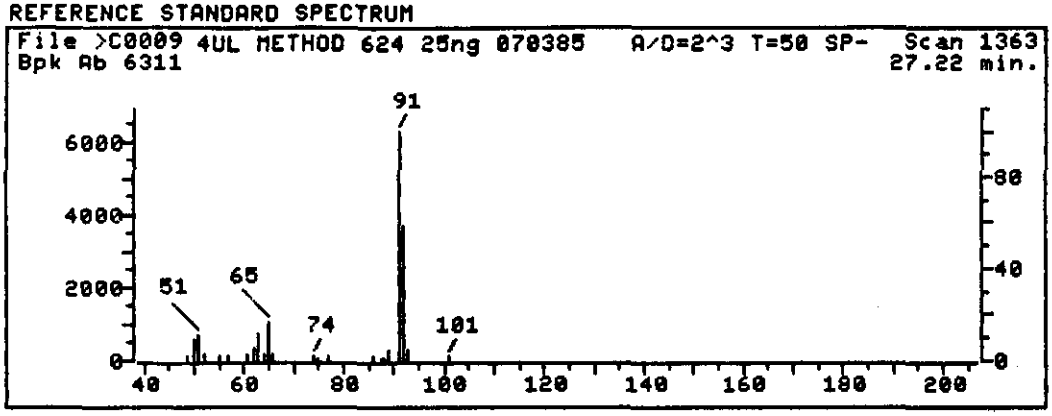


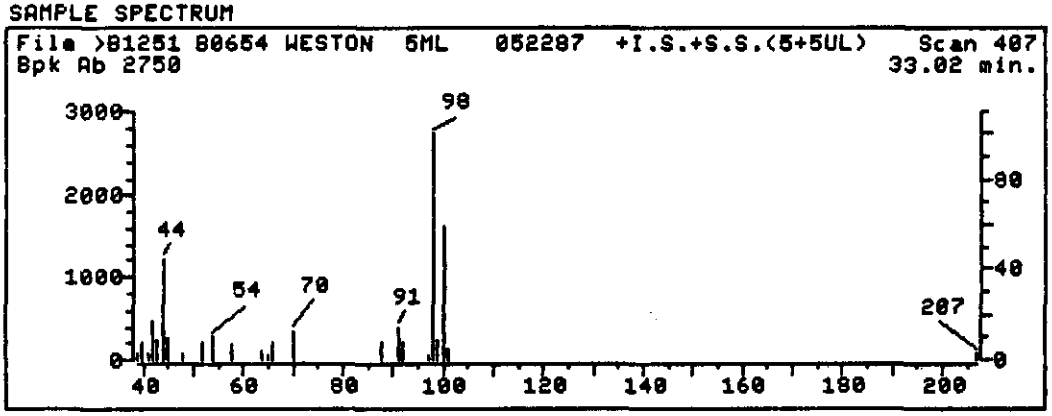
Data File: >B1251::D2 Quant Output File: ^B1251::D3
Name: B0654 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 01:47 Quant ID File: IDVOL5::D4
Injected at: 870523 00:53 Last Calibration: 870522 17:07

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d-5
Scan Number: 425
Retention Time: 34.41 min.
Quant Ion: 117.0
Area: 206225
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



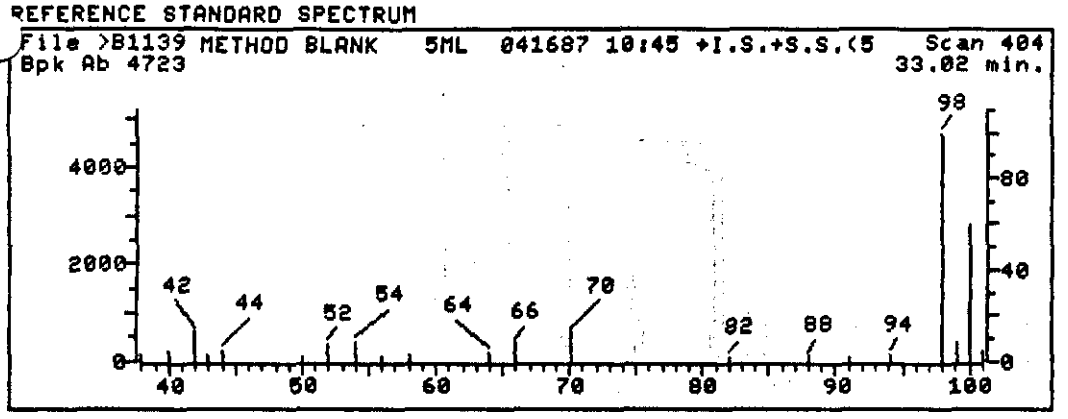
SAMPLE SPECTRUM



Data File: >B1251::D2 Quant Output File: ^B1251::D3
Name: B0654 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 01:47 Quant ID File: IDVOL5::D4
Injected at: 870523 00:53 Last Calibration: 870522 17:07

Compound No: 39
Compound Name: Toluene
Scan Number: 407
Retention Time: 33.02 min.
Quant Ion: 91.0
Area: 7807
Concentration: 1.54 UG/L
q-value: 92

REFERENCE STANDARD SPECTRUM



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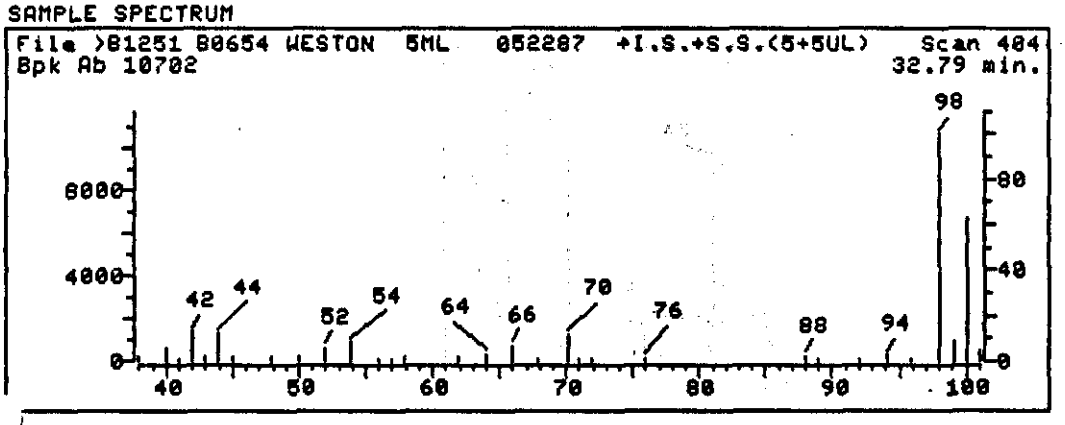
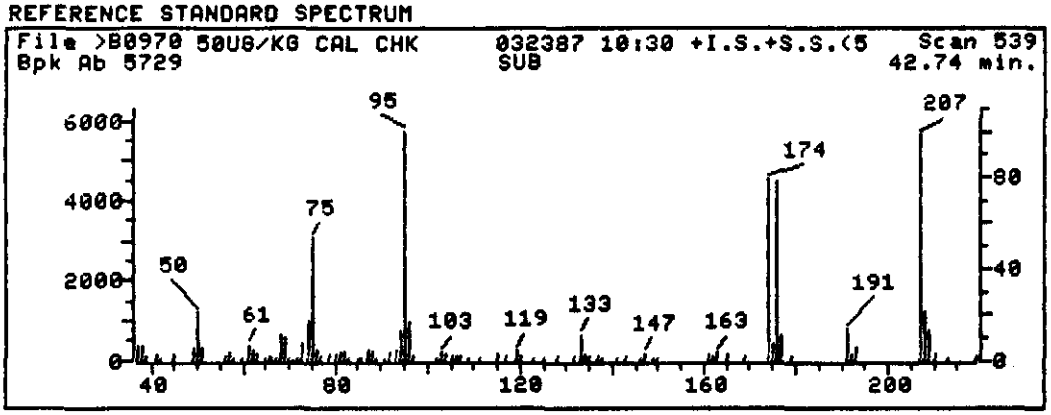


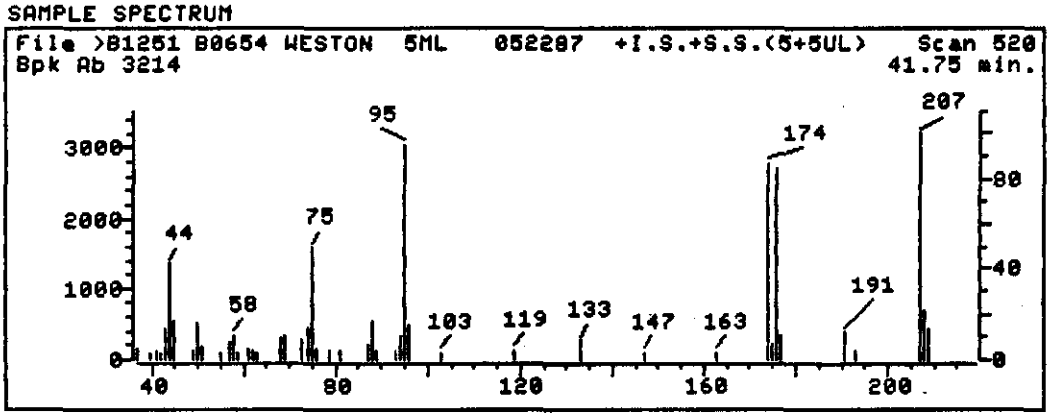
Data File: >B1251::D2 Quant Output File: ^B1251::D3
Name: B0654 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 01:47 Quant ID File: IDVOL5::D4
Injected at: 870523 00:53 Last Calibration: 870522 17:07

Compound No: 40
Compound Name: Toluene-d-8(S.S.)
Scan Number: 404
Retention Time: 32.79 min.
Quant Ion: 98.0
Area: 252428
Concentration: 55.10 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >B1251::D2 Quant Output File: ^B1251::D3
Name: B0654 WESTON 5ML
Misc: 052287 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870523 01:47 Quant ID File: IDVOL5::D4
Injected at: 870523 00:53 Last Calibration: 870522 17:07

Compound No: 44
Compound Name: Bromofluorobenzene(S.S.)
Scan Number: 520
Retention Time: 41.75 min.
Quant Ion: 95.0
Area: 149629
Concentration: 48.58 UG/L
q-value: 100

#4

Organics Analysis Data Sheet
Page 1

Sample Number
80655

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: WA9PT1:D1
Sample Matrix: WATER
Date Release Authorized by: Richard W Lynch

Case No.: N/A
GC Report No.: 46
Contract No.: N/A
Date Sample Received: 22 MAY 87

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/26/87 12:27
Conc/Dil factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/l or ug/Kg (Circle One)		C.A.S. Number		ug/l or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	200.	
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
107-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	5.	B	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	13.		110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	3.	J	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	6.		79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	2.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a concentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

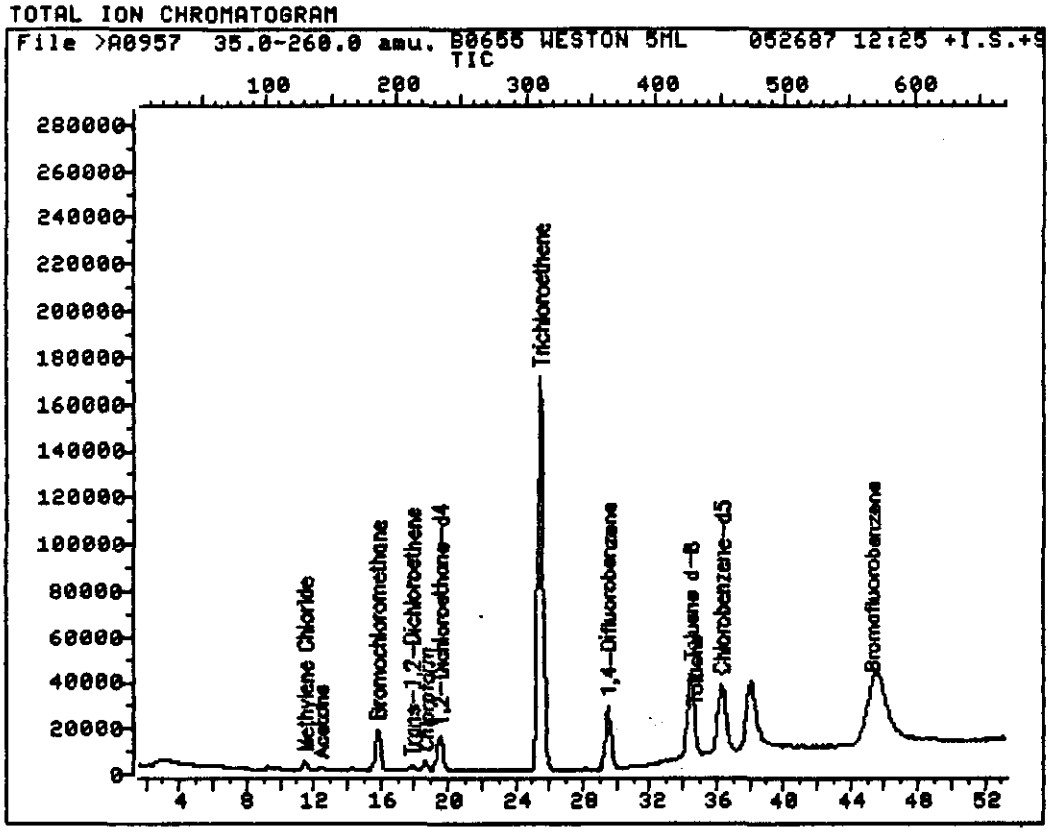
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

OPTIONAL FLAGS

AR400094

N - Compound not present in Calibration File.

TOTAL ION CHROMATOGRAM

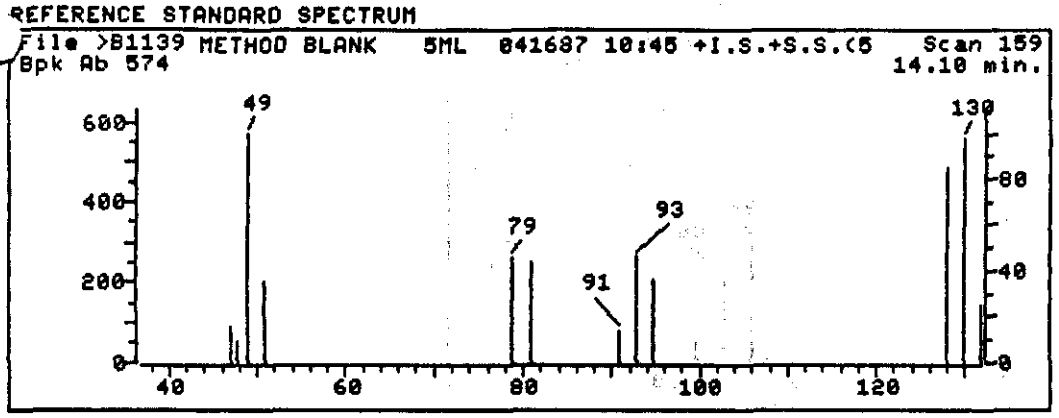


Data File: >A0957::D2 Quant Output File: ^A0957::D3
Name: B0655 WESTON 5ML
Misc: 052687 12:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

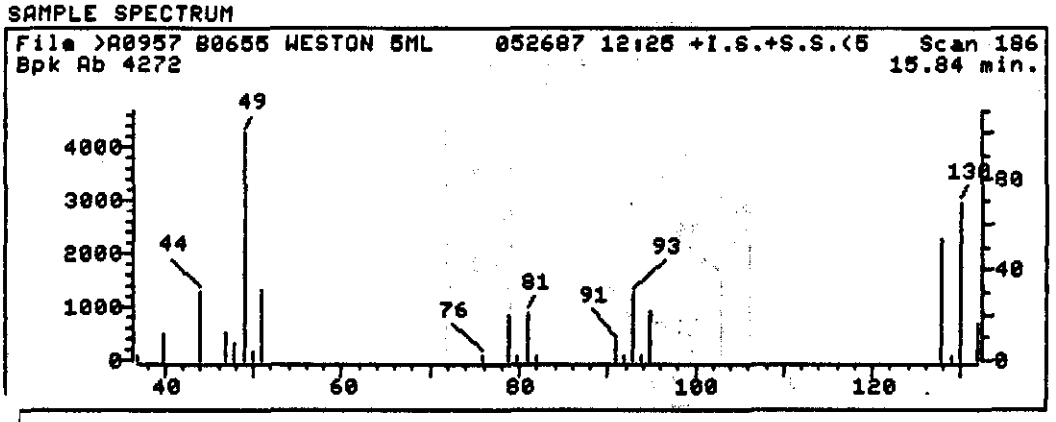
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870526 12:02

Operator ID: DT9093
Quant Time: 870526 13:28
Injected at: 870526 12:27

REFERENCE STANDARD SPECTRUM



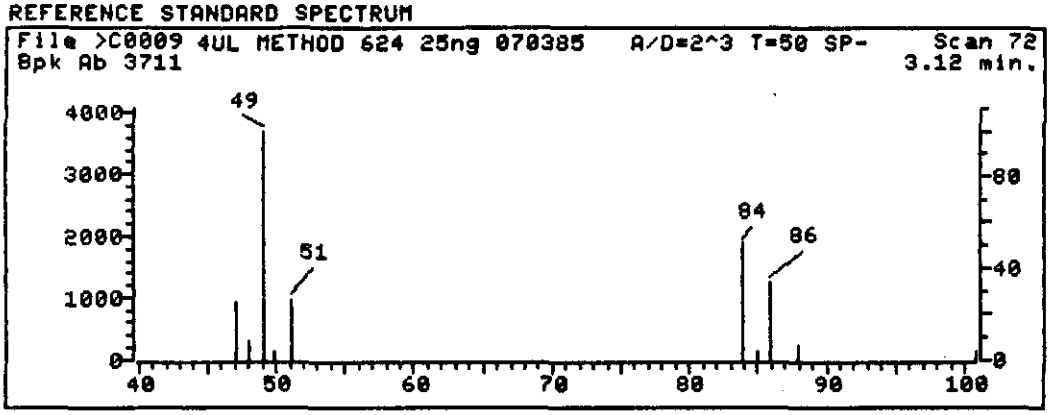
SAMPLE SPECTRUM



Data File: >A0957::D2 Quant Output File: ^A0957::D3
Name: B0655 WESTON 5ML
Misc: 052687 12:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 13:28 Quant ID File: IDVOL5::M1
Injected at: 870526 12:27 Last Calibration: 870526 12:02

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 186
Retention Time: 15.84 min.
Quant Ion: 49.0
Area: 97098
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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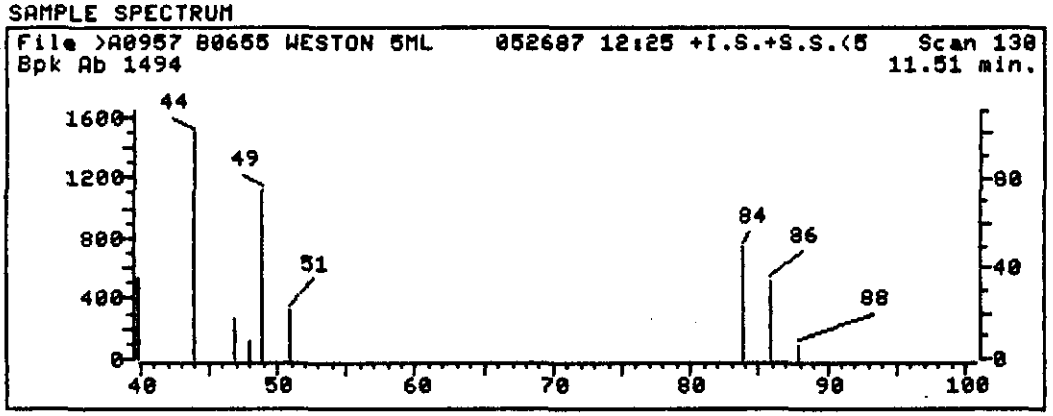
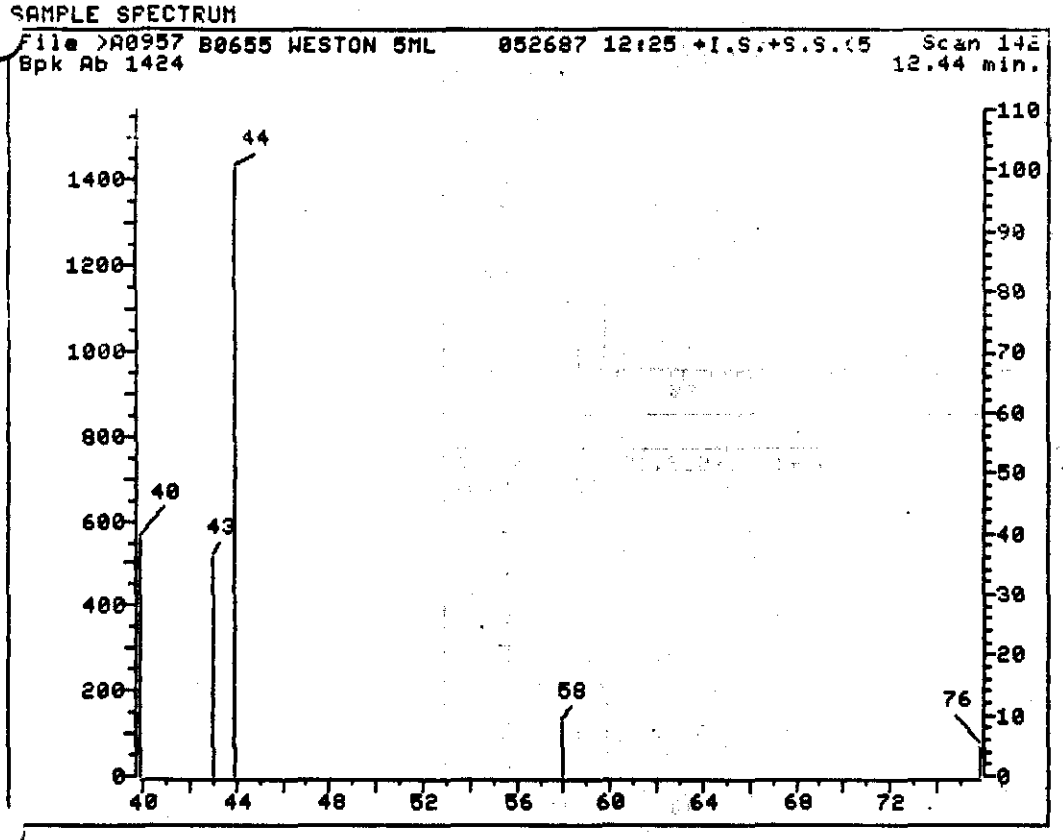


Data File: >A0957::D2 Quant Output File: ^A0957::D3
Name: B0655 WESTON 5ML
Misc: 052687 12:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 13:28 Quant ID File: IDVOL5::M1
Injected at: 870526 12:27 Last Calibration: 870526 12:02

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 130
Retention Time: 11.51 min.
Quant Ion: 49.0
Area: 24329
Concentration: 4.78 UG/L
q-value: 74

SAMPLE SPECTRUM



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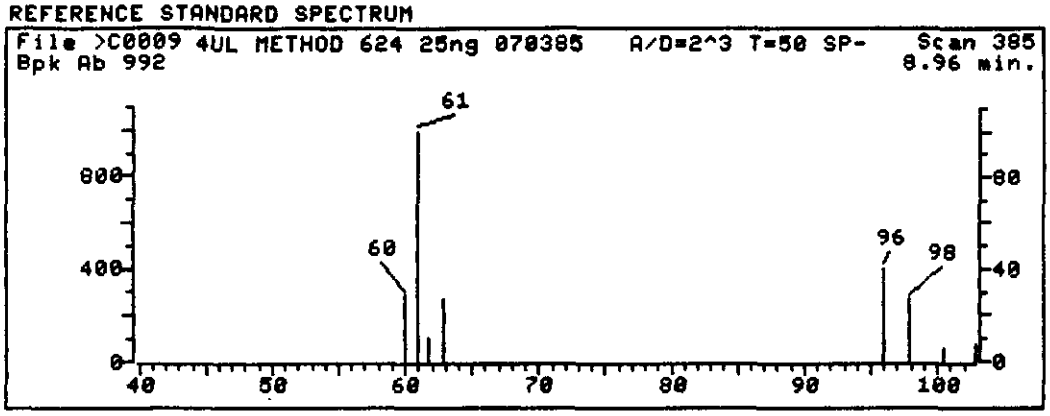
Name: B0655 WESTON 5ML
Misc: 052687 12:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 13:28 Quant ID File: IDVOL5::M1
Injected at: 870526 12:27 Last Calibration: 870526 12:02

Compound No: 10
Compound Name: Acetone
Scan Number: 142
Retention Time: 12.44 min.
Quant Ion: 43.0
Area: 17752
Concentration: 12.88 UG/L
q-value: 90

REFERENCE STANDARD SPECTRUM



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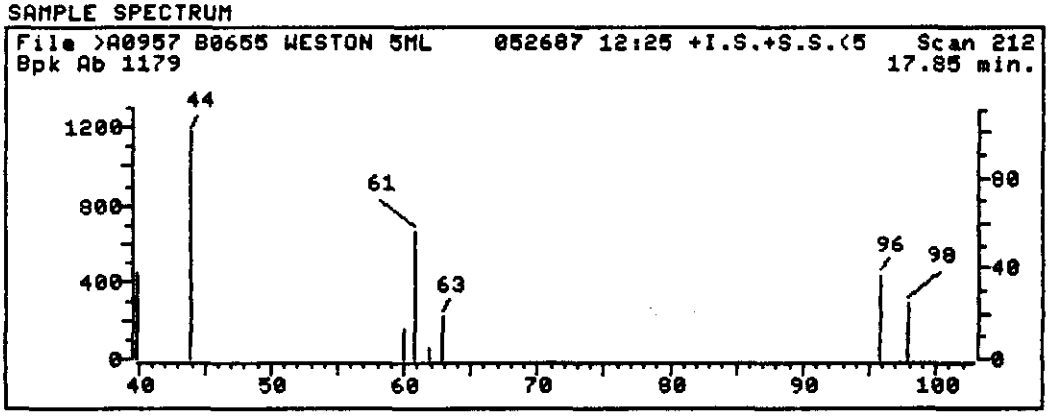

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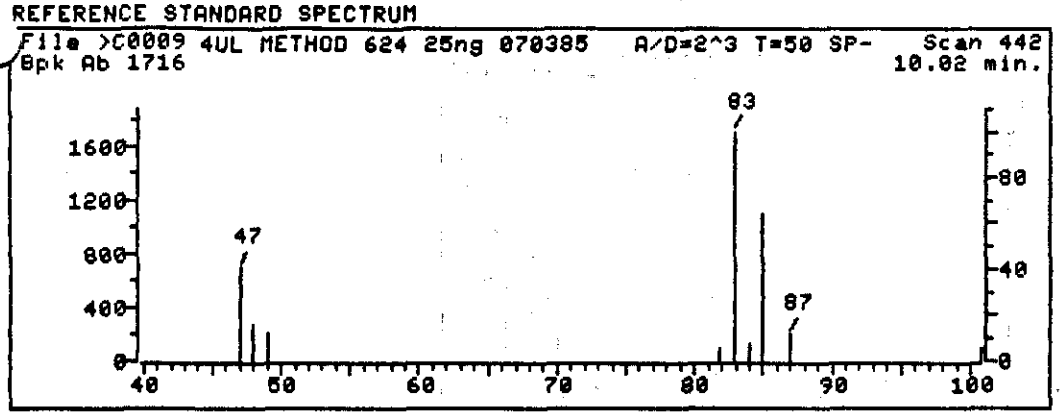
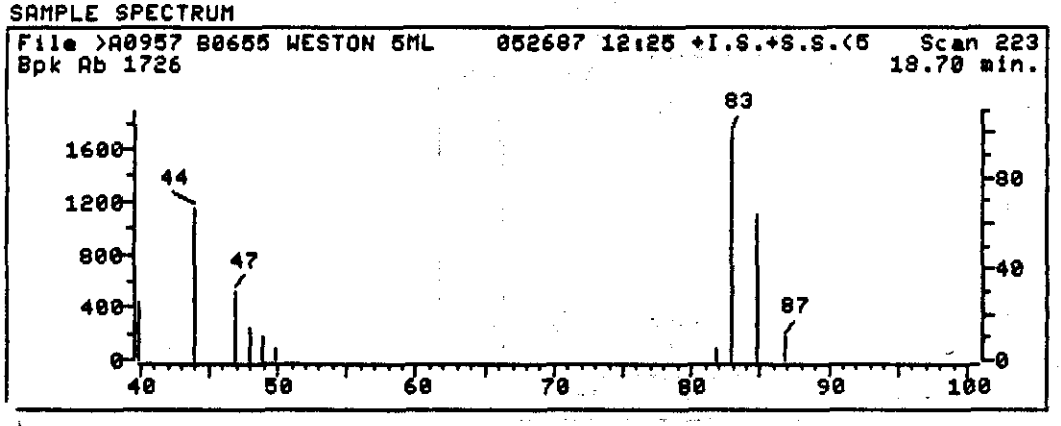
Name: B0655 WESTON 5ML
Misc: 052687 12:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 13:28 Quant ID File: IDVOL5::M1
Injected at: 870526 12:27 Last Calibration: 870526 12:02

Compound No: 15
Compound Name: Trans-1,2-Dichloroethene
Scan Number: 212
Retention Time: 17.85 min.
Quant Ion: 61.0
Area: 15587
Concentration: 3.45 UG/L
q-value: 89

REFERENCE STANDARD SPECTRUM



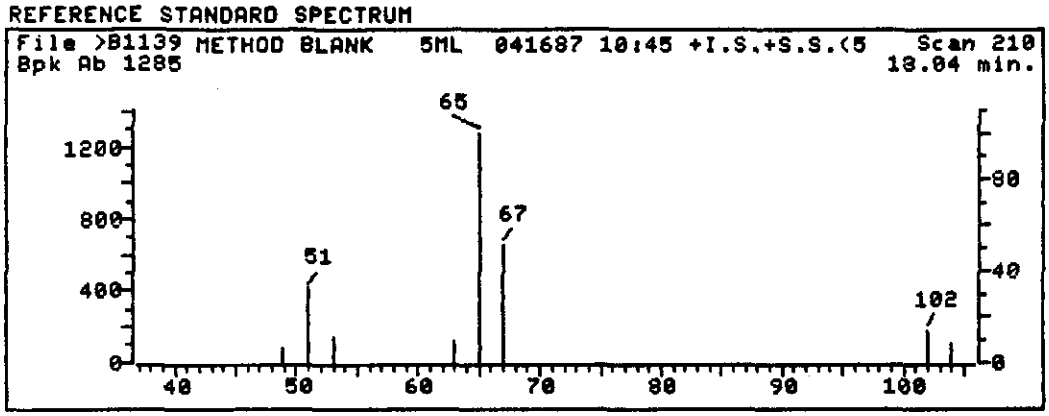
SAMPLE SPECTRUM



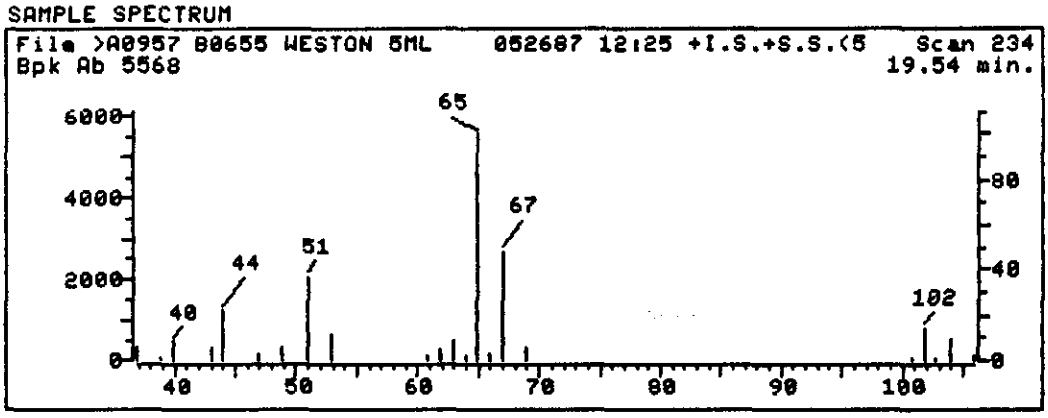
Data File: >A0957::D2 Quant Output File: ^A0957::D3
Name: B0655 WESTON 5ML
Misc: 052687 12:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 13:28 Quant ID File: IDVOL5::M1
Injected at: 870526 12:27 Last Calibration: 870526 12:02

Compound No: 16
Compound Name: Chloroform
Scan Number: 223
Retention Time: 18.70 min.
Quant Ion: 83.0
Area: 37056
Concentration: 6.18 UG/L
q-value: 92

REFERENCE STANDARD SPECTRUM



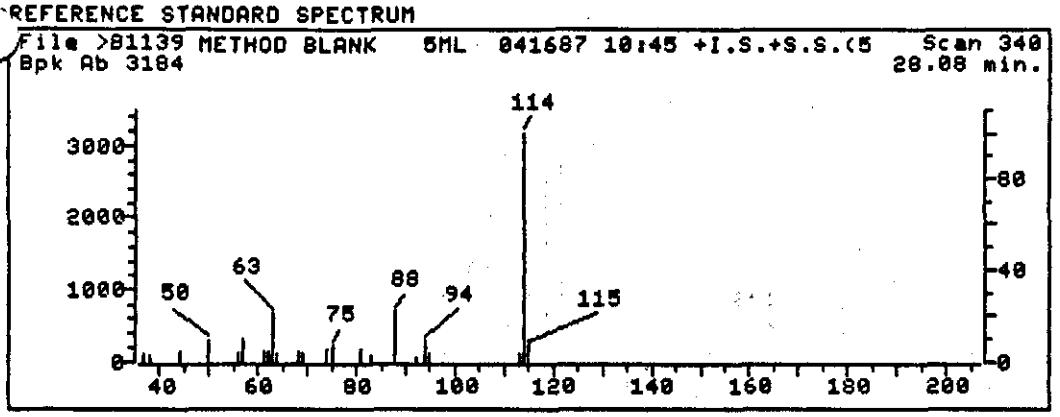
SAMPLE SPECTRUM



Data File: >A0957::D2 Quant Output File: ^A0957::D3
Name: B0655 WESTON 5ML
Misc: 052687 12:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 13:28 Quant ID File: IDVOL5::M1
Injected at: 870526 12:27 Last Calibration: 870526 12:02

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.54 min.
Quant Ion: 65.0
Area: 127331
Concentration: 48.28 UG/L
q-value: 99.

REFERENCE STANDARD SPECTRUM



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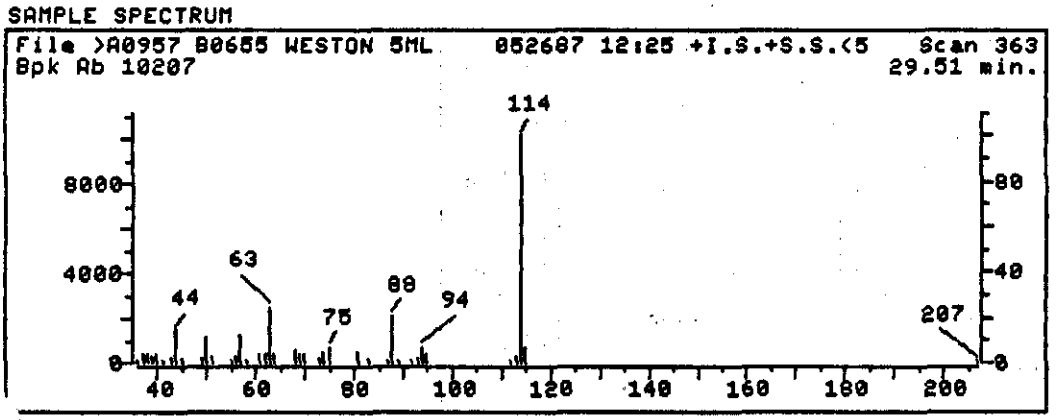

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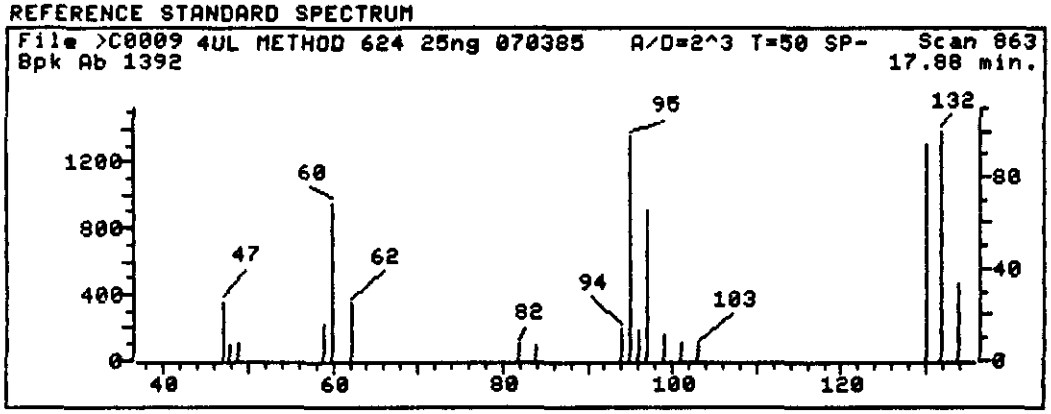
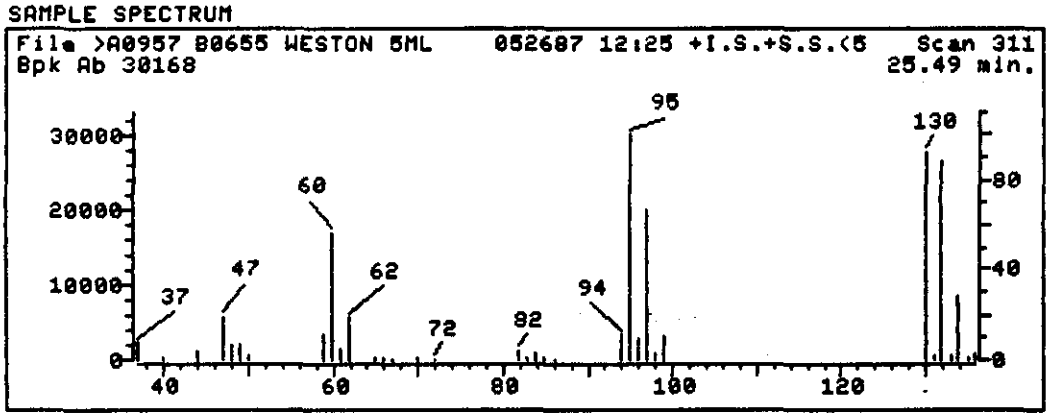
Name: B0655 WESTON 5ML
Misc: 052687 12:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 13:28 Quant ID File: IDVOL5::M1
Injected at: 870526 12:27 Last Calibration: 870526 12:02

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.51 min.
Quant Ion: 114.0
Area: 240780
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



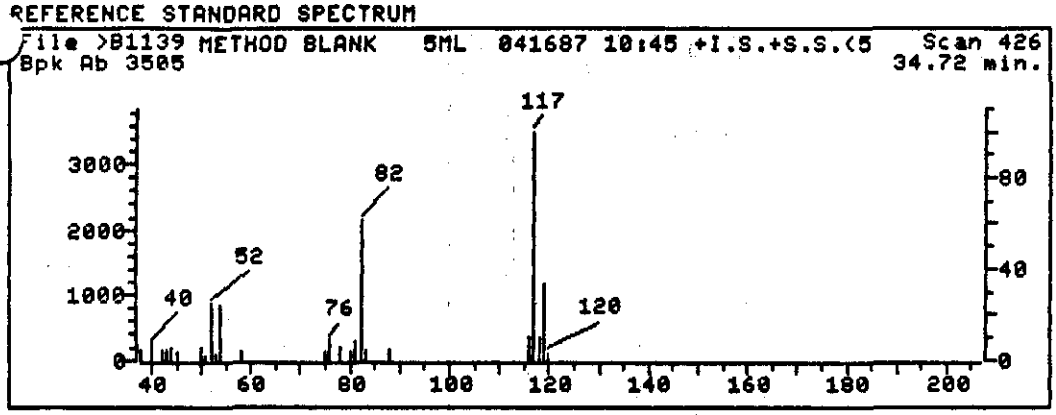
SAMPLE SPECTRUM



Data File: >A0957::D2 Quant Output File: ^A0957::D3
Name: B0655 WESTON 5ML
Misc: 052687 12:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 13:28 Quant ID File: IDVOL5::M1
Injected at: 870526 12:27 Last Calibration: 870526 12:02

Compound No: 27
Compound Name: Trichloroethene
Scan Number: 311
Retention Time: 25.49 min.
Quant Ion: 95.0
Area: 696650
Concentration: 204.76 UG/L
q-value: 95

REFERENCE STANDARD SPECTRUM



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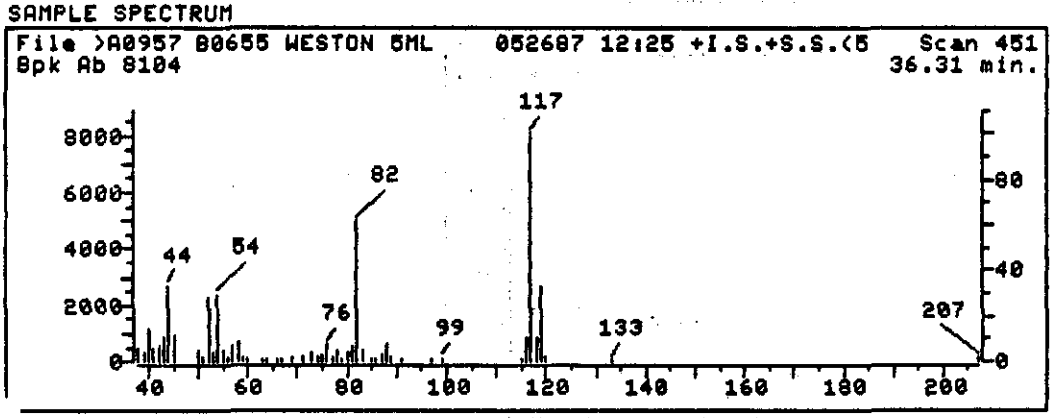
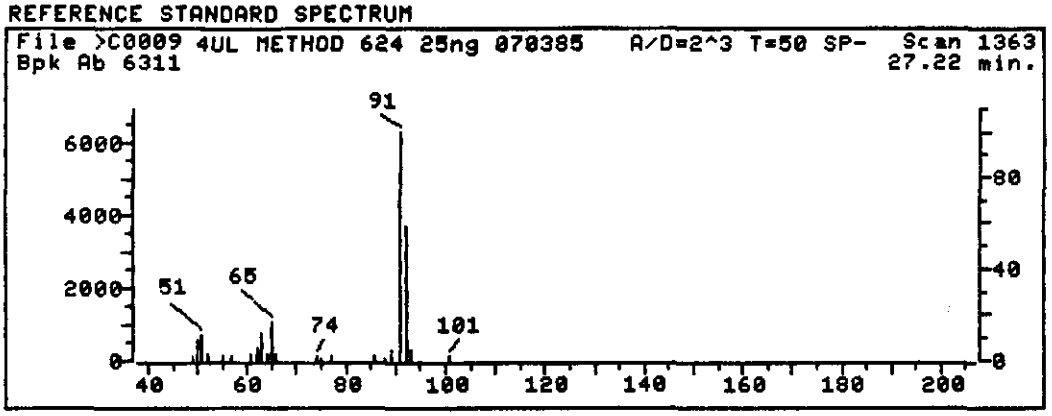


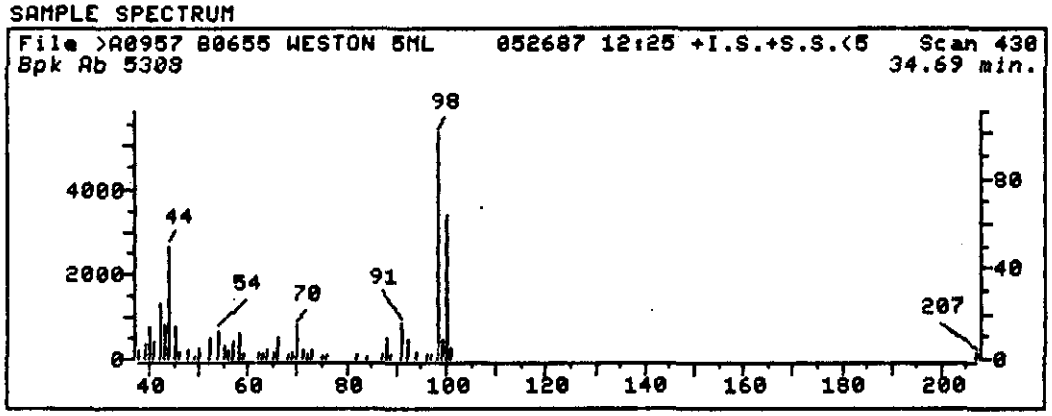
Data File: >A0957::D2 Quant Output File: ^A0957::D3
Name: B0655 WESTON 5ML
Misc: 052687 12:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 13:28 Quant ID File: IDVOL5::M1
Injected at: 870526 12:27 Last Calibration: 870526 12:02

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 451
Retention Time: 36.31 min.
Quant Ion: 117.0
Area: 266367
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



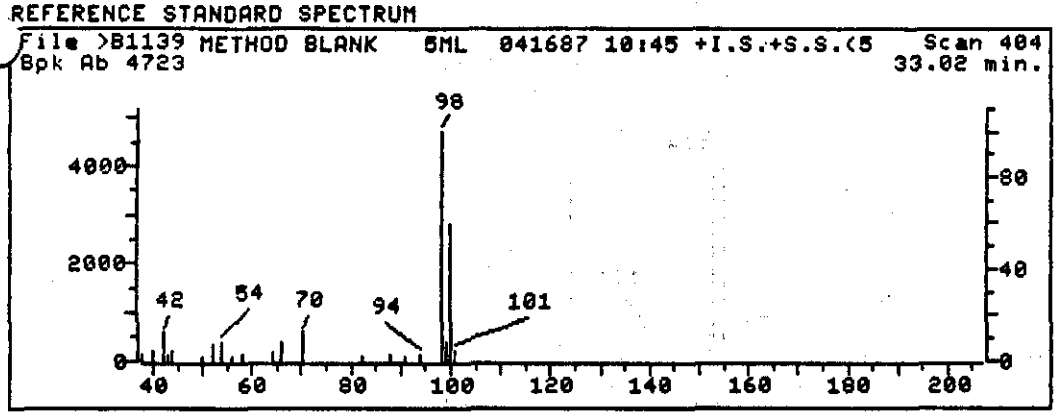
SAMPLE SPECTRUM



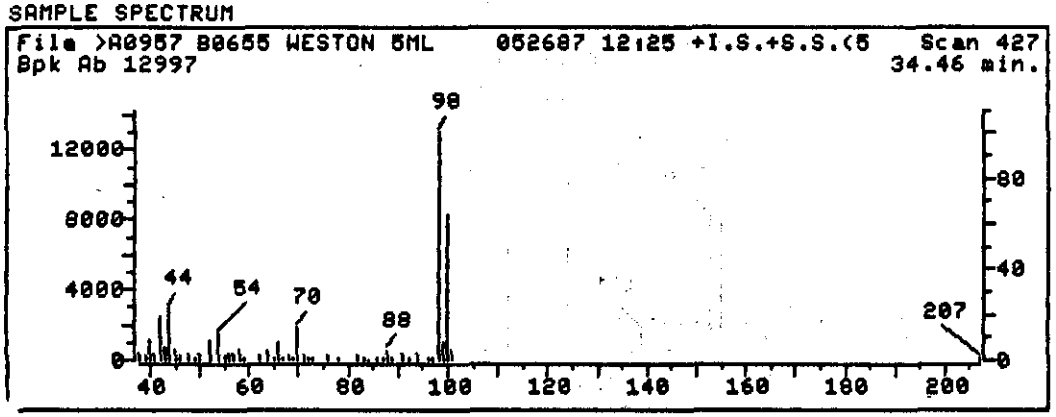
Data File: >A0957::D2 Quant Output File: ^A0957::D3
Name: B0655 WESTON 5ML
Misc: 052687 12:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 13:28 Quant ID File: IDVOL5::M1
Injected at: 870526 12:27 Last Calibration: 870526 12:02

Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.69 min.
Quant Ion: 91.0
Area: 23928
Concentration: 1.69 UG/L
q-value: 95

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0957::D2 Quant Output File: ^A0957::D3
Name: B0655 WESTON 5ML
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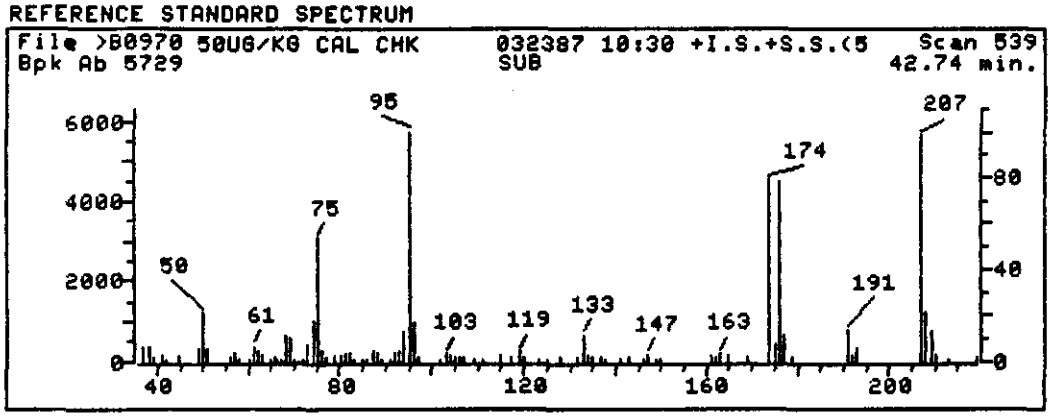
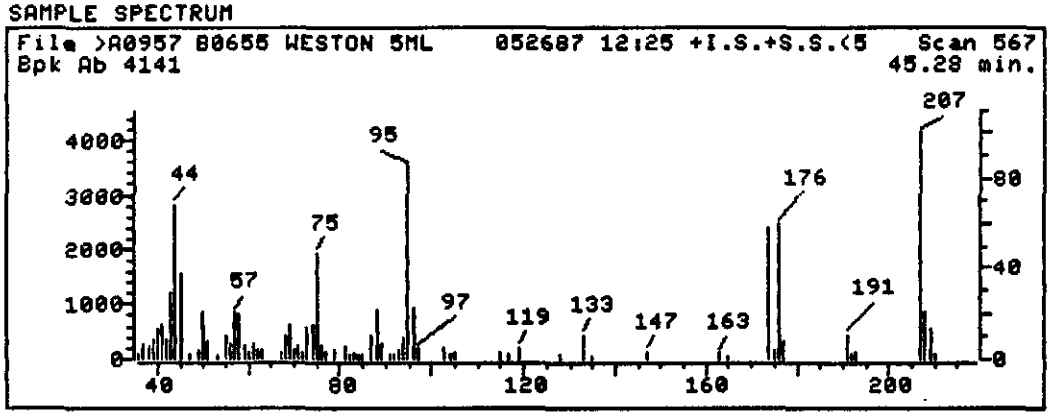
Quant Time: 870526 13:28 Quant ID File: IDVOL5::M1
Injected at: 870526 12:27 Last Calibration: 870526 12:02

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 427
Retention Time: 34.46 min.
Quant Ion: 98.0
Area: 348752
Concentration: 48.43 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



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Name: B0655 WESTON 5ML
Misc: 052687 12:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 13:28 Quant ID File: IDVOL5::M1
Injected at: 870526 12:27 Last Calibration: 870526 12:02

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 567
Retention Time: 45.28 min.
Quant Ion: 95.0
Area: 224174
Concentration: 50.85 UG/L
q-value: 100

#10

Sample Number
30656

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: 5A0959::D2
Sample Matrix: WATER
Date Release Authorized by: Richard W Pynn

Case No.: N/A
QC Report No.: 46
Contract No.: N/A
Date Sample Received: 20 MAY 87

Volatile Compounds
Concentration: (Low) Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/26/87 17:09
Conc/Dil Factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/L or ug/kg (Circle One)		C.A.S. Number		ug/L or ug/kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
107-02-8	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	3.	B,J	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	10.	U	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	2.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-6	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

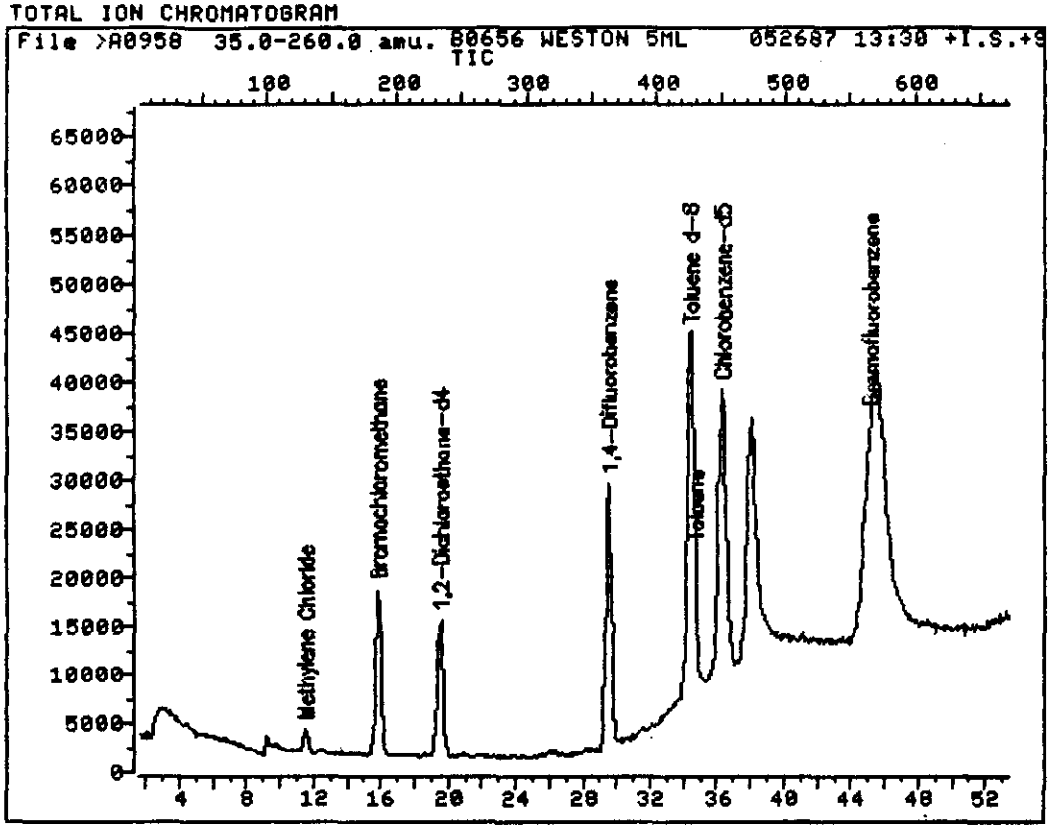
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

OPTIONAL FLAGS

N - Compound not present in Calibration File.

AR400108

TOTAL ION CHROMATOGRAM

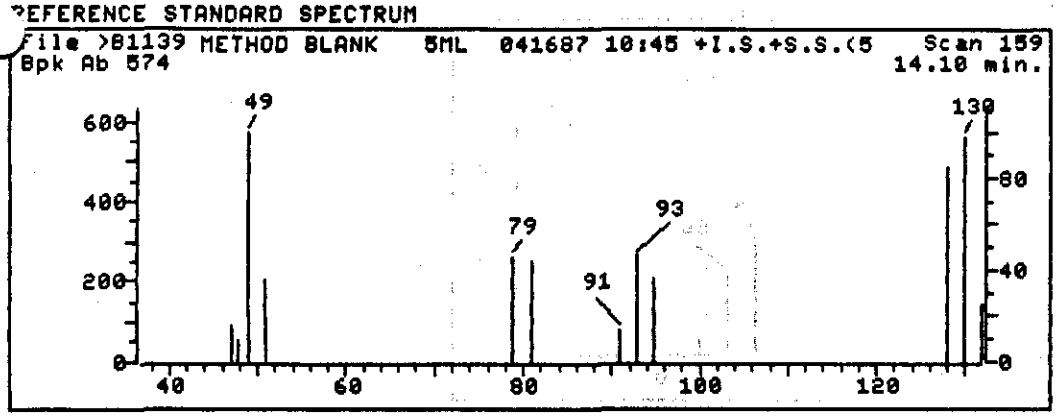


Data File: >A0958::D2 Quant Output File: ^A0958::D3
Name: B0656 WESTON 5ML
Misc: 052687 13:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

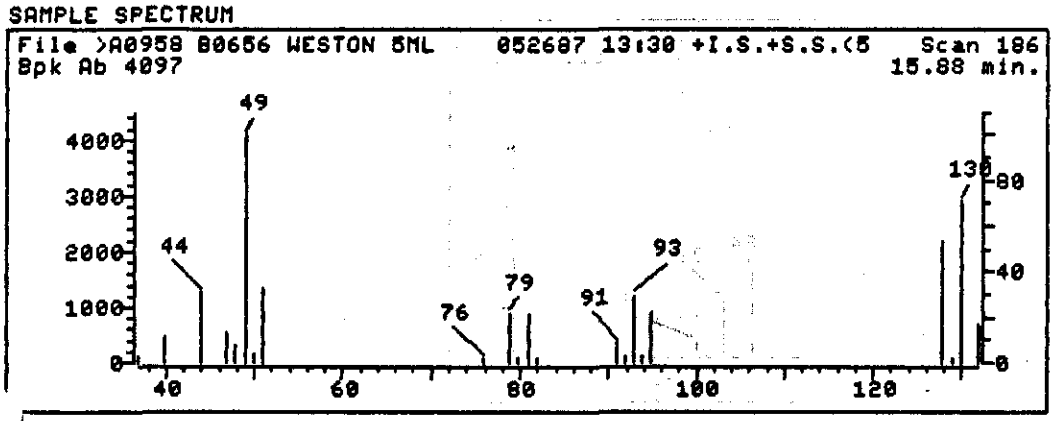
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870526 12:02

Operator ID: DT9093
Quant Time: 870526 14:24
Injected at: 870526 13:29

REFERENCE STANDARD SPECTRUM



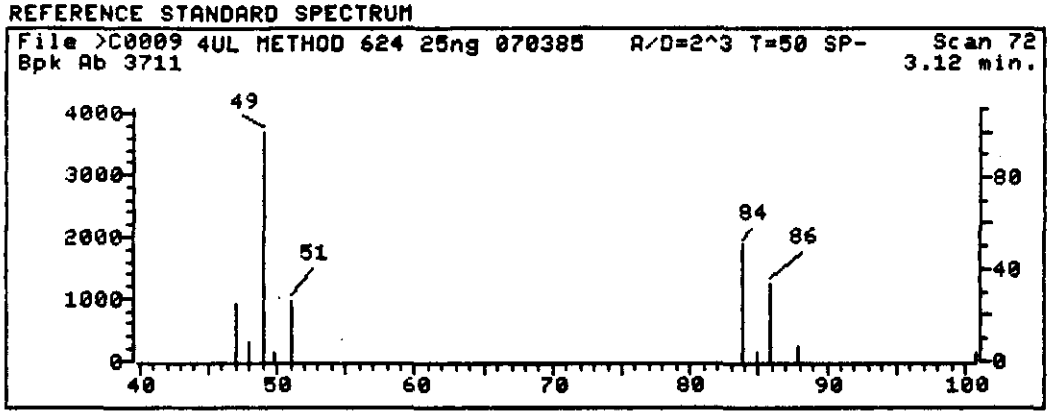
SAMPLE SPECTRUM



Data File: >A0958::D2 Quant Output File: ^A0958::D3
Name: B0656 WESTON 5ML
Misc: 052687 13:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 14:24 Quant ID File: IDVOL5::M1
Injected at: 870526 13:29 Last Calibration: 870526 12:02

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 186
Retention Time: 15.88 min.
Quant Ion: 49.0
Area: 95254
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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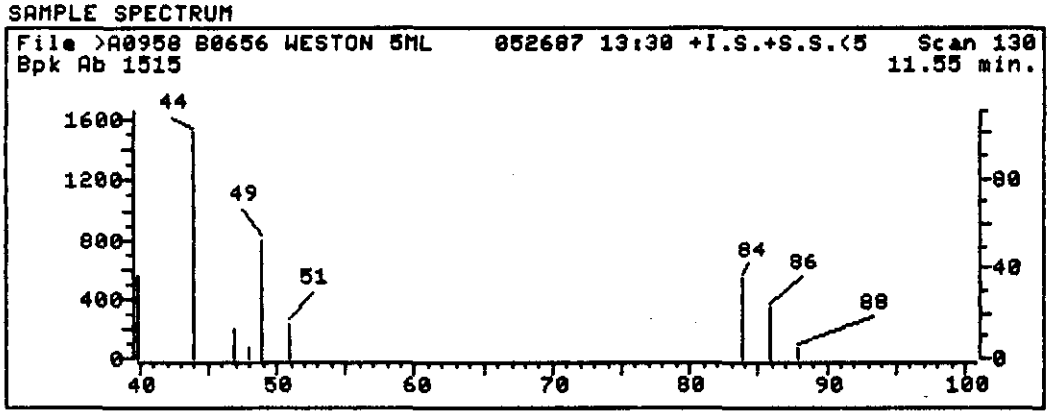

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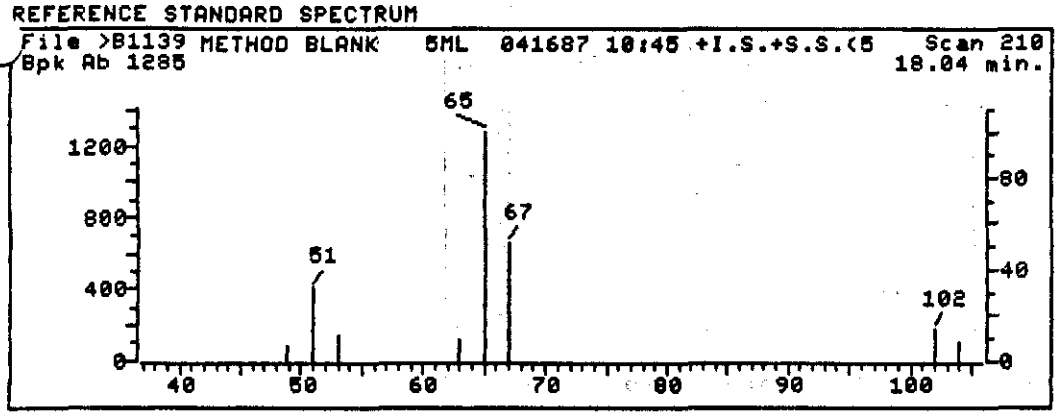
Name: B0656 WESTON 5ML
Misc: 052687 13:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 14:24 Quant ID File: IDVOL5::M1
Injected at: 870526 13:29 Last Calibration: 870526 12:02

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 130
Retention Time: 11.55 min.
Quant Ion: 49.0
Area: 16894
Concentration: 3.39 UG/L
q-value: 76

REFERENCE STANDARD SPECTRUM



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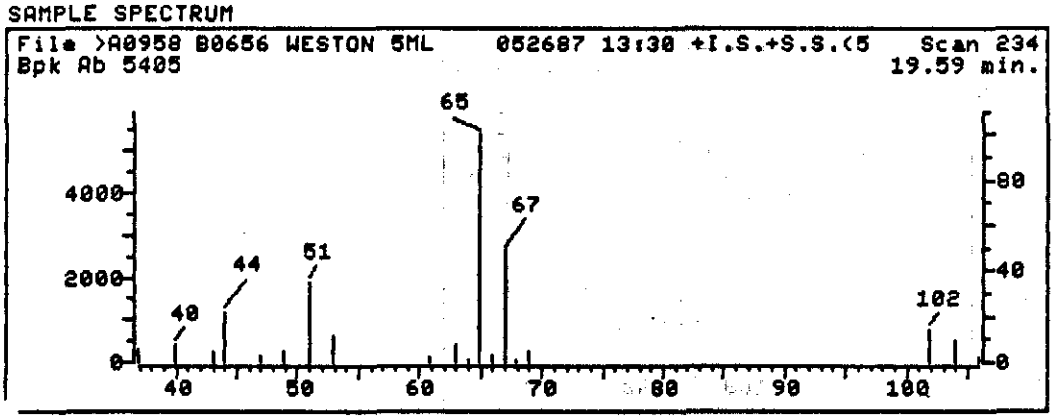

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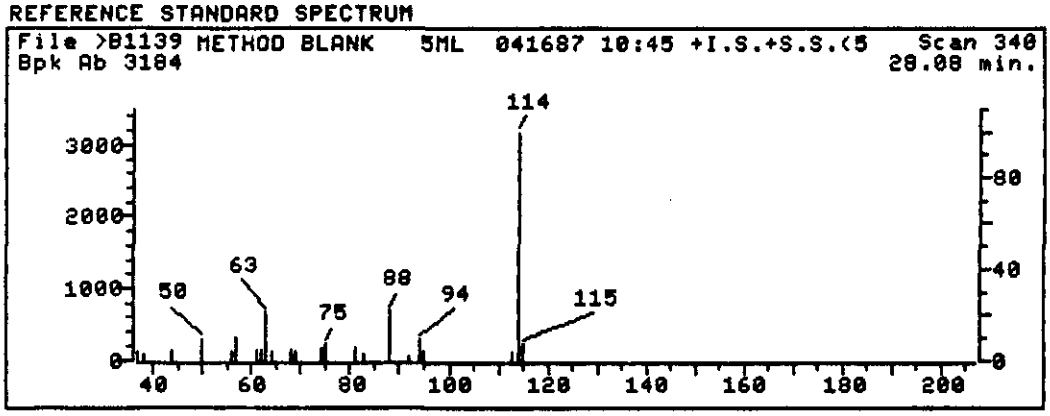
Name: B0656 WESTON 5ML
Misc: 052687 13:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 14:24 Quant ID File: IDVOL5::M1
Injected at: 870526 13:29 Last Calibration: 870526 12:02

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.59 min.
Quant Ion: 65.0
Area: 123699
Concentration: 47.81 UG/L
q-value: 99

REFERENCE STANDARD SPECTRUM



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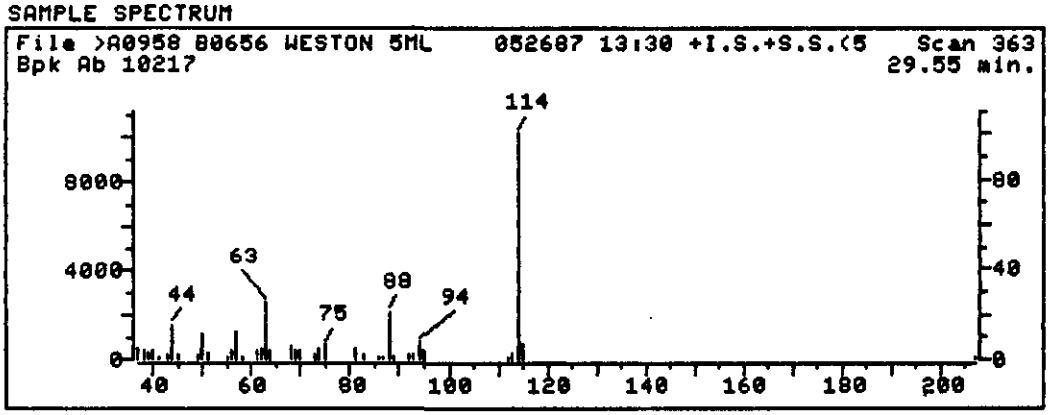
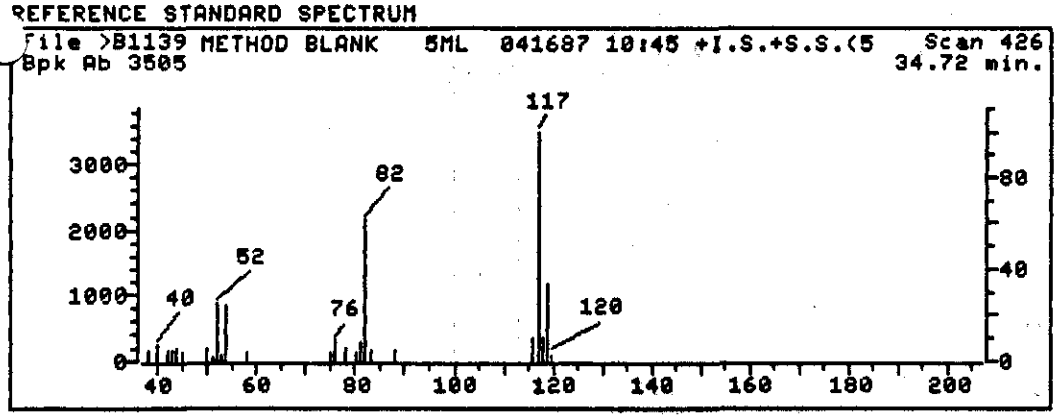


Data File: >A0958::D2 Quant Output File: ^A0958::D3
Name: 80656 WESTON 5ML
Misc: 052687 13:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 14:24 Quant ID File: IDVOL5::M1
Injected at: 870526 13:29 Last Calibration: 870526 12:02

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.55 min.
Quant Ion: 114.0
Area: 241590
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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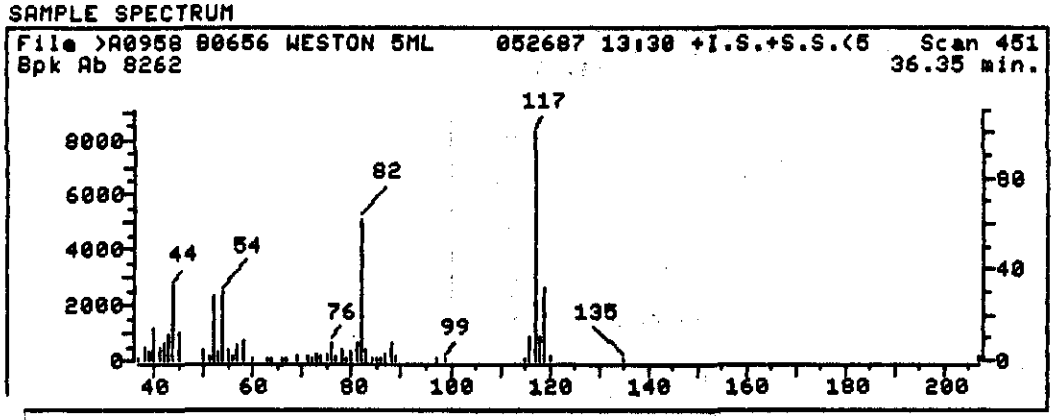

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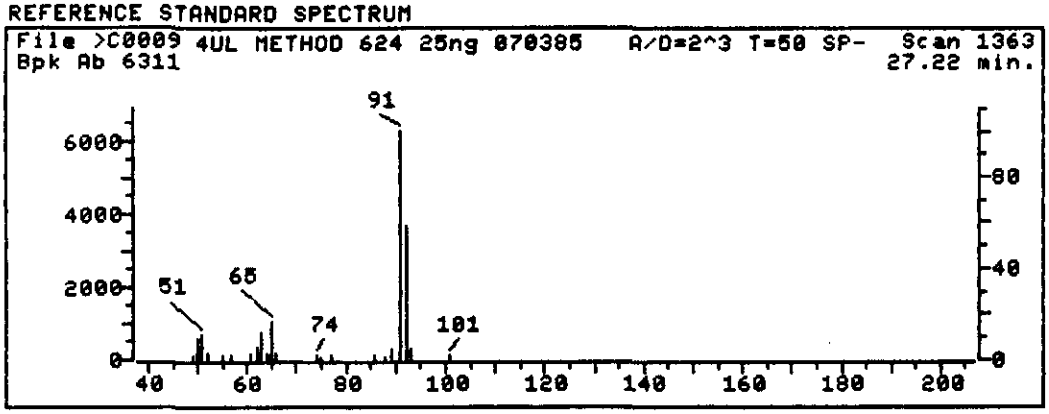
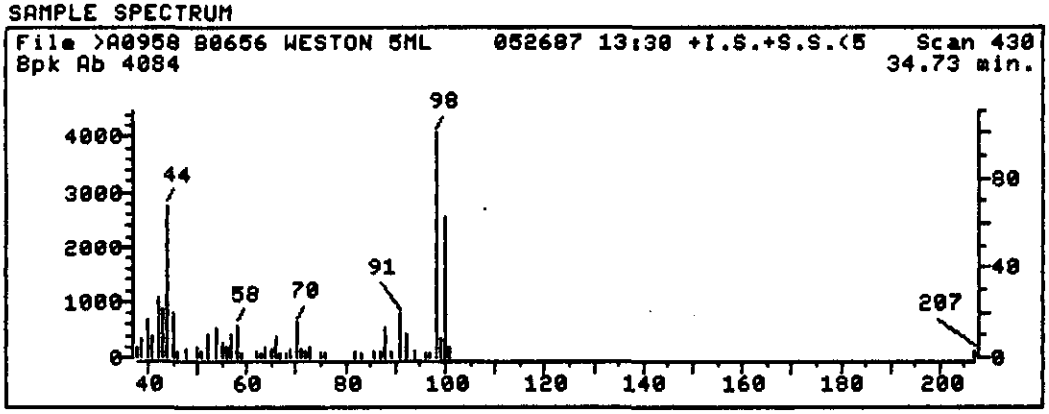
Name: B0656 WESTON 5ML
Misc: 052687 13:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 14:24 Quant ID File: IDVOL5::M1
Injected at: 870526 13:29 Last Calibration: 870526 12:02

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 451
Retention Time: 36.35 min.
Quant Ion: 117.0
Area: 269710
Concentration: 50.00 UG/L
q-value: 100.

REFERENCE STANDARD SPECTRUM



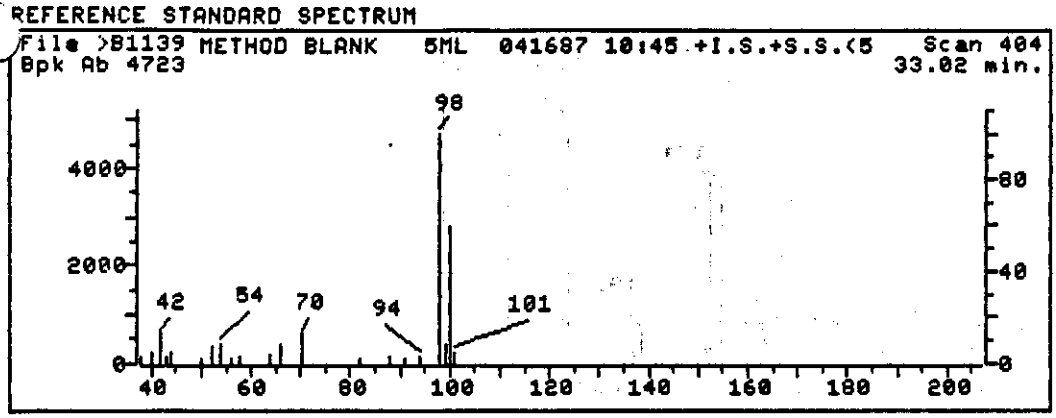
SAMPLE SPECTRUM



Data File: >A0958::D2 Quant Output File: ^A0958::D3
Name: B0656 WESTON 5ML
Misc: 052687 13:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 14:24 Quant ID File: IDVOL5::M1
Injected at: 870526 13:29 Last Calibration: 870526 12:02

Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.73 min.
Quant Ion: 91.0
Area: 22829
Concentration: 1.60 UG/L
q-value: 92

REFERENCE STANDARD SPECTRUM



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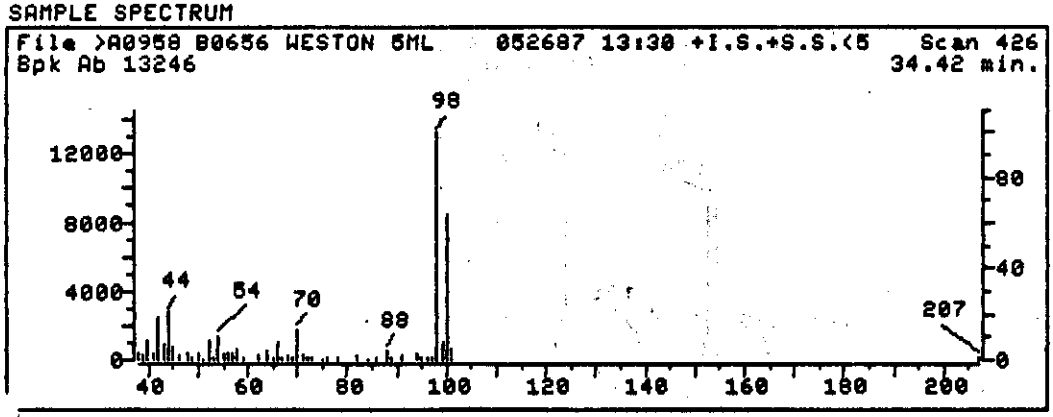
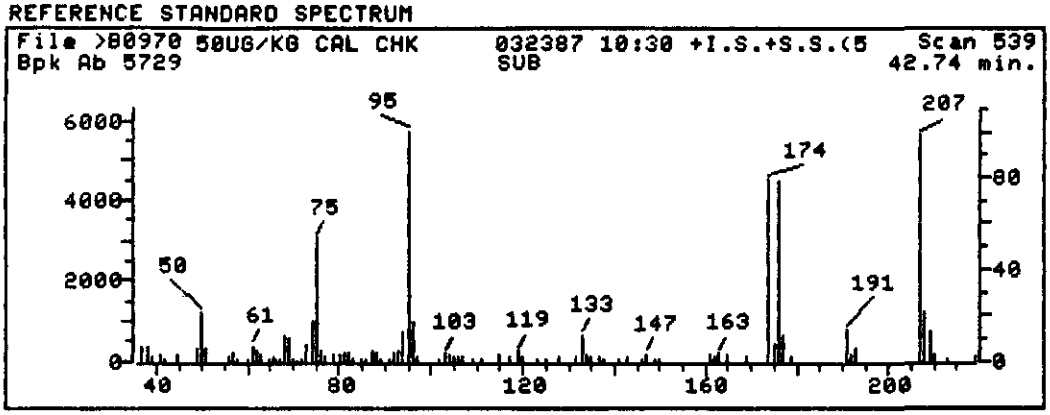


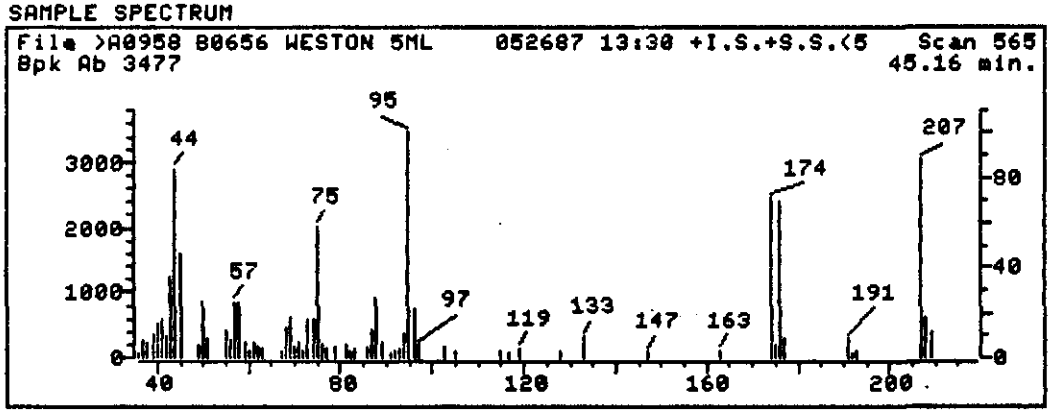
Data File: >A0958::D2 Quant Output File: ^A0958::D3
Name: B0656 WESTON 5ML
Misc: 052687 13:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 14:24 Quant ID File: IDVOL5::M1
Injected at: 870526 13:29 Last Calibration: 870526 12:02

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 426
Retention Time: 34.42 min.
Quant Ion: 98.0
Area: 356937
Concentration: 48.95 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0958::D2 Quant Output File: ^A0958::D3
Name: B0656 WESTON 5ML
Misc: 052687 13:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 14:24 Quant ID File: IDVOL5::M1
Injected at: 870526 13:29 Last Calibration: 870526 12:02

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 565
Retention Time: 45.16 min.
Quant Ion: 95.0
Area: 226591
Concentration: 50.76 UG/L
q-value: 100

#11

Organics Analysis Data Sheet
Page 1

Sample Number
30657

Laboratory Name: Mastex Ind of NJ
Lab Sample ID: A0959::D2
Sample Matrix: WATER
Date release Authorized by: Richard W Lynch

Case No.: N A
GC Report No.: 46
Contract No.: N/A
Date Sample Received: 22 MAY 87

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/26/87 14:29
Conc/Dil Factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/l or ug/Kg (Circle One)		C.A.S. Number		ug/l or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	2.	J
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
107-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	3.	B,J	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	15.		110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-38-3	Toluene	2.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

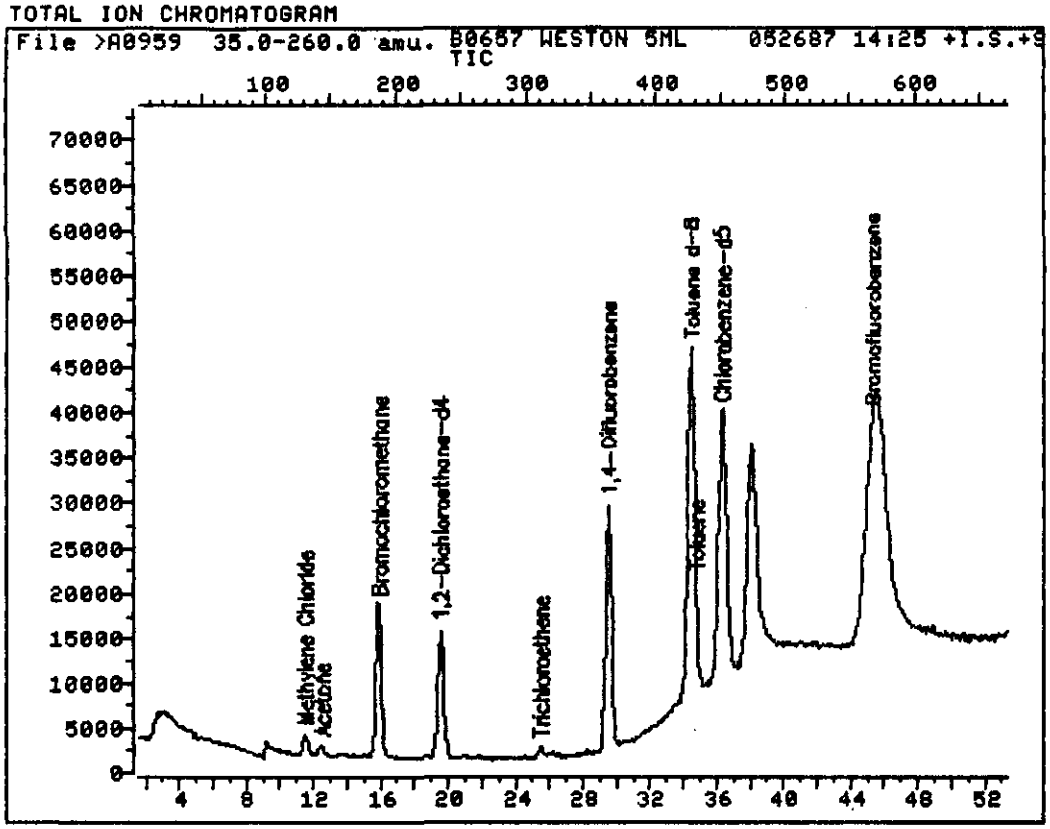
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

AR400148

TOTAL ION CHROMATOGRAM

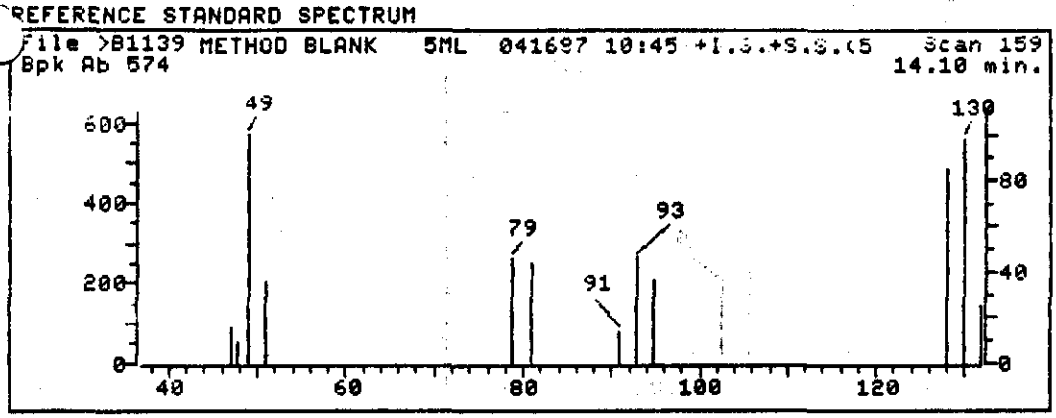


Data File: >A0959::D2 Quant Output File: ^A0959::D3
Name: B0657 WESTON 5ML
Misc: 052687 14:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

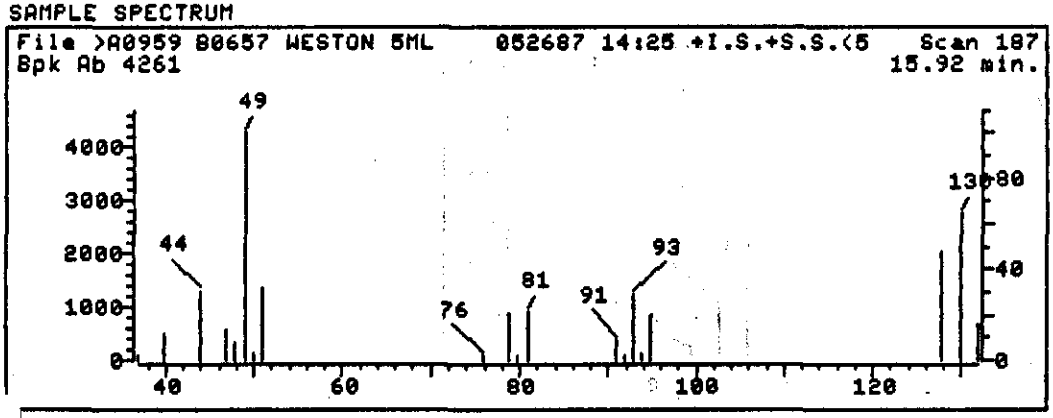
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870526 12:02

Operator ID: DT9093
Quant Time: 870526 16:01
Injected at: 870526 14:29

REFERENCE STANDARD SPECTRUM



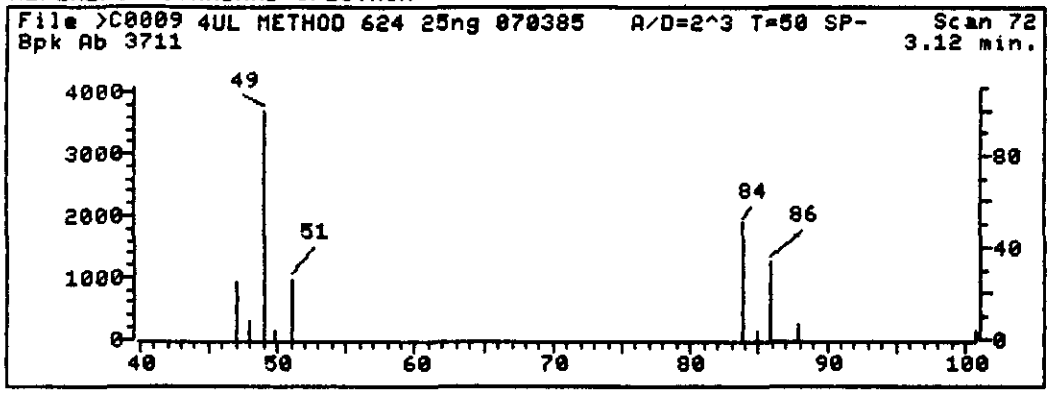
SAMPLE SPECTRUM



Data File: >A0959::D2 Quant Output File: ^A0959::D3
Name: B0657 WESTON 5ML
Misc: 052687 14:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:01 Quant ID File: IDVOL5::M1
Injected at: 870526 14:29 Last Calibration: 870526 12:02

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 187
Retention Time: 15.92 min.
Quant Ion: 49.0
Area: 98614
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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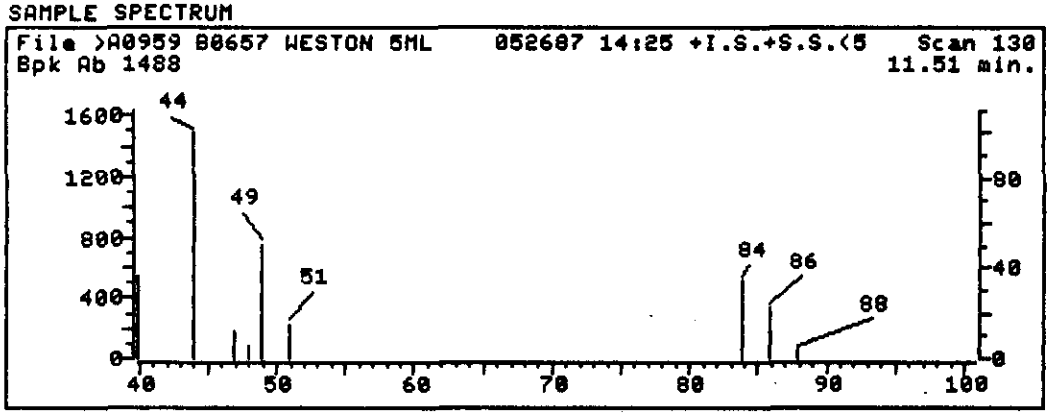
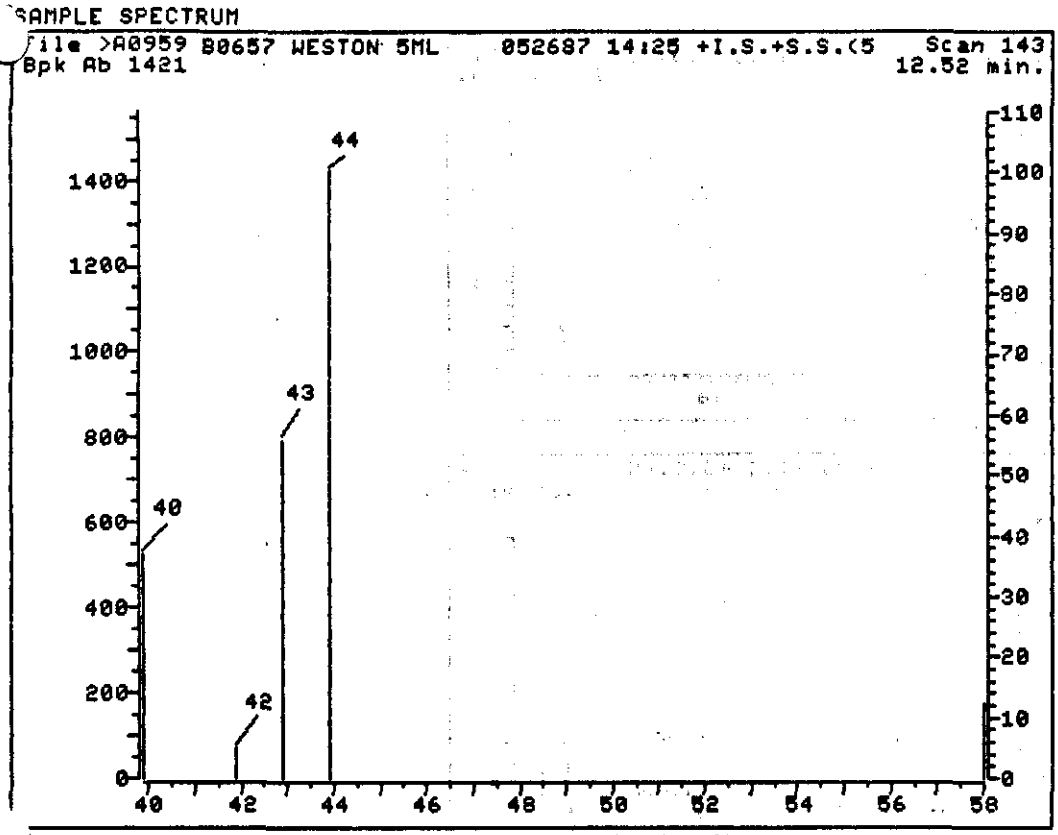


Data File: >A0959::D2 Quant Output File: ^A0959::D3
Name: B0657 WESTON 5ML
Misc: 052687 14:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:01 Quant ID File: IDVOL5::M1
Injected at: 870526 14:29 Last Calibration: 870526 12:02

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 130
Retention Time: 11.51 min.
Quant Ion: 49.0
Area: 15782
Concentration: 3.06 UG/L
q-value: 74

SAMPLE SPECTRUM



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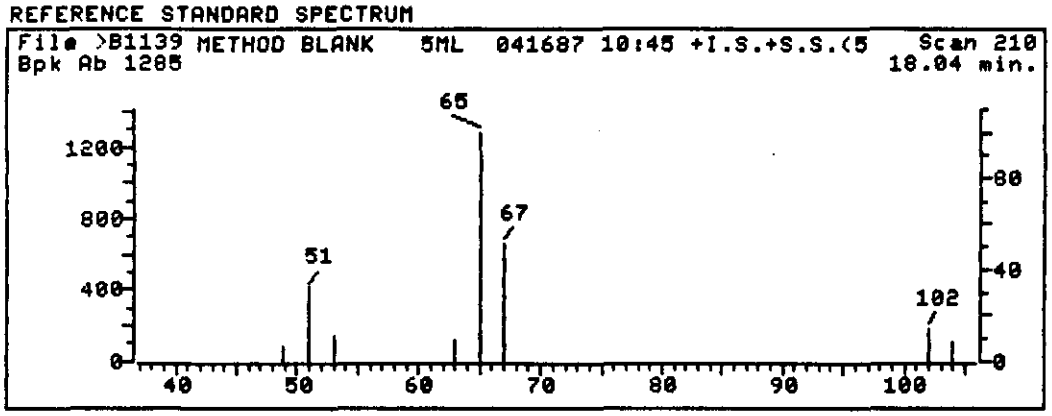
Misc: 052687 14:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:01 Quant ID File: IDVOL5::M1
Injected at: 870526 14:29 Last Calibration: 870526 12:02

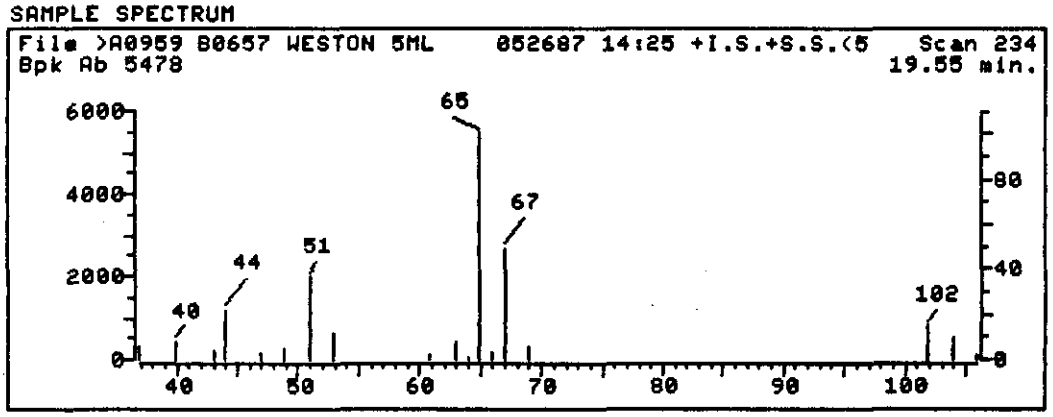
Compound No: 10
Compound Name: Acetone
Scan Number: 143
Retention Time: 12.52 min.
Quant Ion: 43.0
Area: 20519
Concentration: 14.66 UG/L
q-value: 95

AR400122

REFERENCE STANDARD SPECTRUM



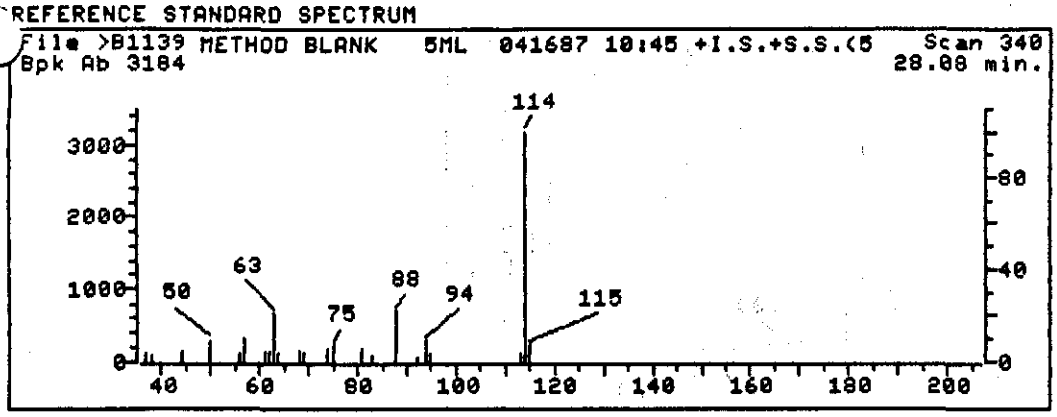
SAMPLE SPECTRUM



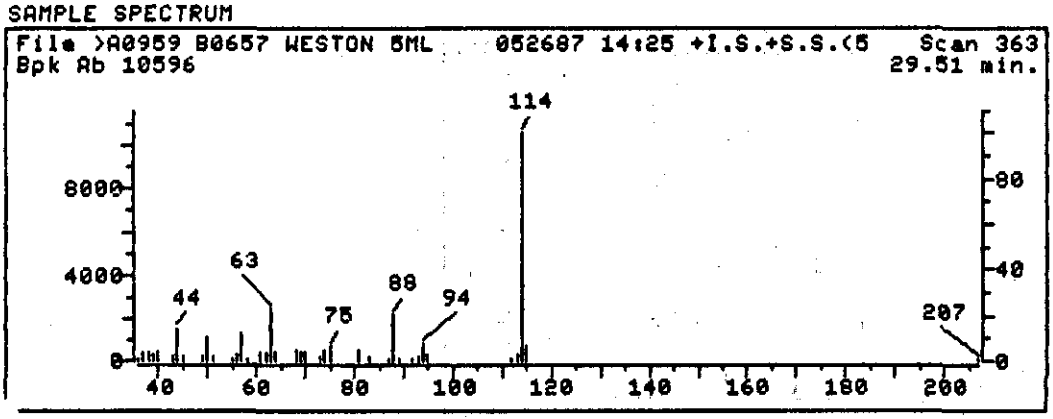
Data File: >A0959::D2 Quant Output File: ^A0959::D3
Name: B0657 WESTON 5ML
Misc: 052687 14:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:01 Quant ID File: IDVOL5::M1
Injected at: 870526 14:29 Last Calibration: 870526 12:02

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.55 min.
Quant Ion: 65.0
Area: 127415
Concentration: 47.57 UG/L
q-value: 98

REFERENCE STANDARD SPECTRUM



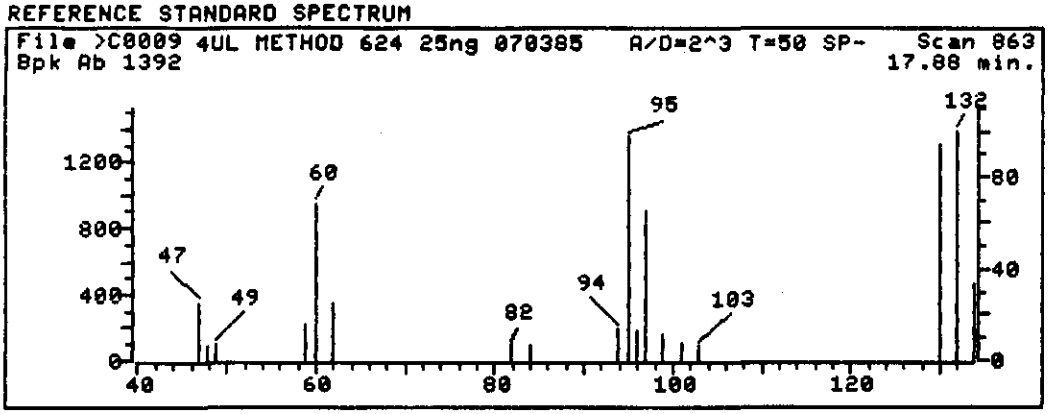
SAMPLE SPECTRUM



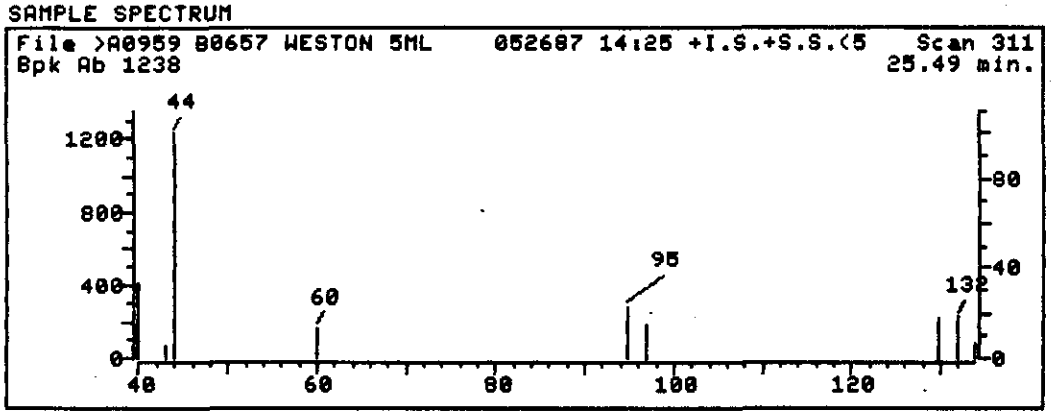
Data File: >A0959::D2 Quant Output File: ^A0959::D3
Name: B0657 WESTON 5ML
Misc: 052687 14:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:01 Quant ID File: IDVOL5::M1
Injected at: 870526 14:29 Last Calibration: 870526 12:02

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.51 min.
Quant Ion: 114.0
Area: 251487
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



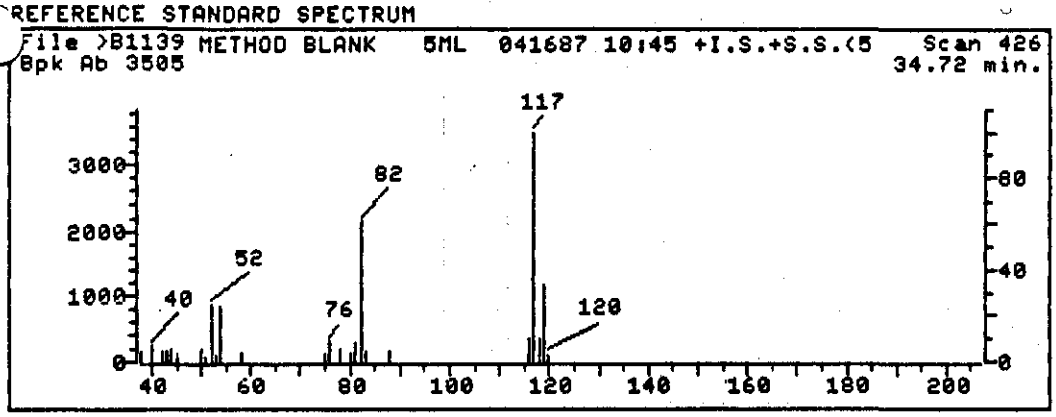
SAMPLE SPECTRUM



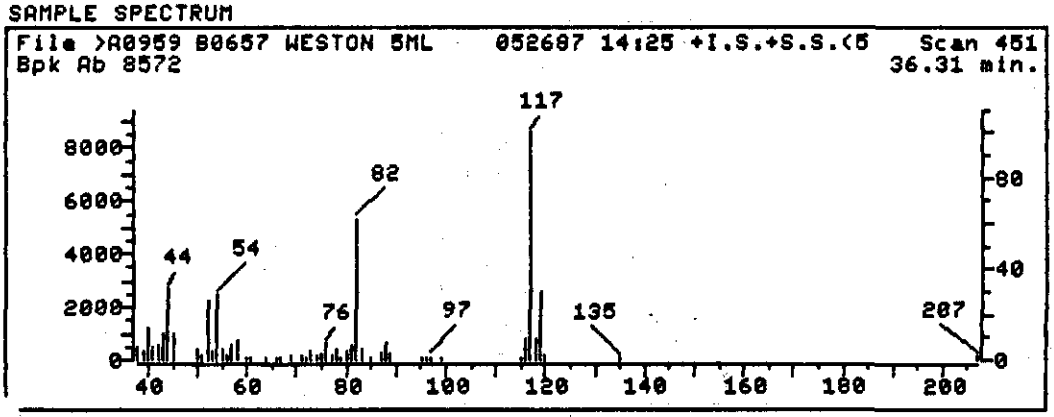
Data File: >A0959::D2 Quant Output File: ^A0959::D3
Name: B0657 WESTON 5ML
Misc: 052687 14:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:01 Quant ID File: IDVOL5::M1
Injected at: 870526 14:29 Last Calibration: 870526 12:02

Compound No: 27
Compound Name: Trichloroethene
Scan Number: 311
Retention Time: 25.49 min.
Quant Ion: 95.0
Area: 6057
Concentration: 1.70 UG/L
q-value: 93

REFERENCE STANDARD SPECTRUM



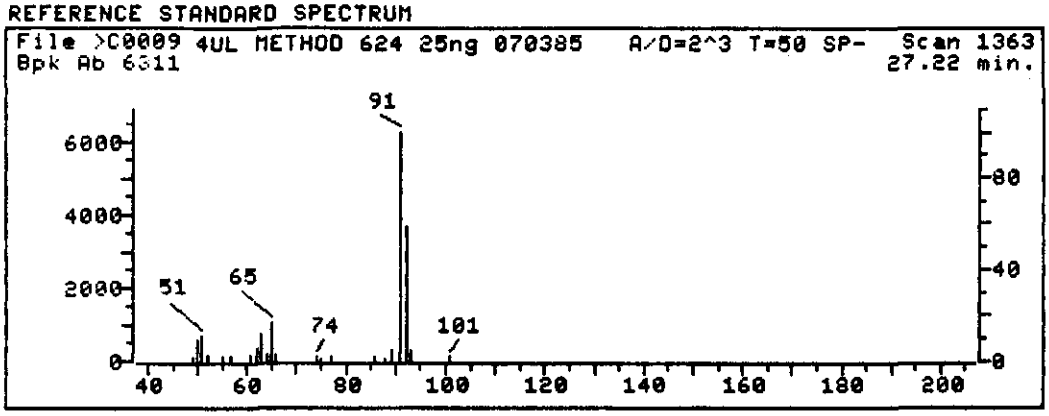
SAMPLE SPECTRUM



Data File: >A0959::D2 Quant Output File: ^A0959::D3
Name: B0657 WESTON 5ML
Misc: 052687 14:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:01 Quant ID File: IDVOL5::M1
Injected at: 870526 14:29 Last Calibration: 870526 12:02

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 451
Retention Time: 36.31 min.
Quant Ion: 117.0
Area: 278656
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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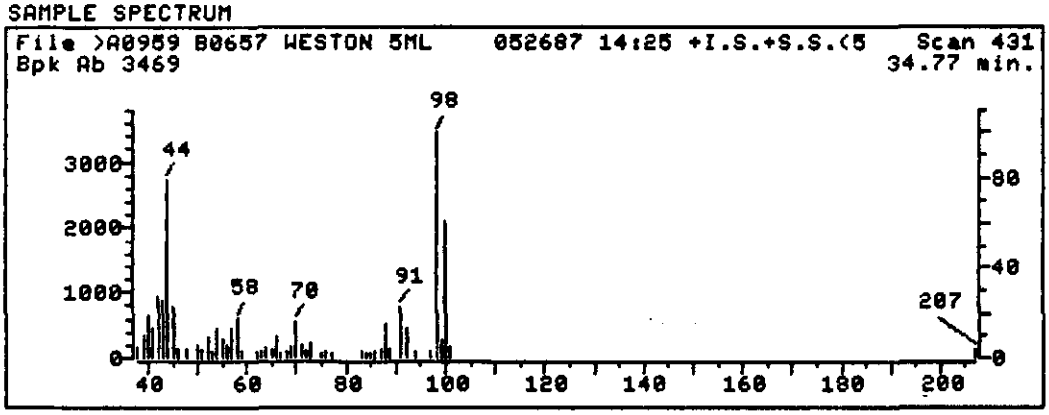
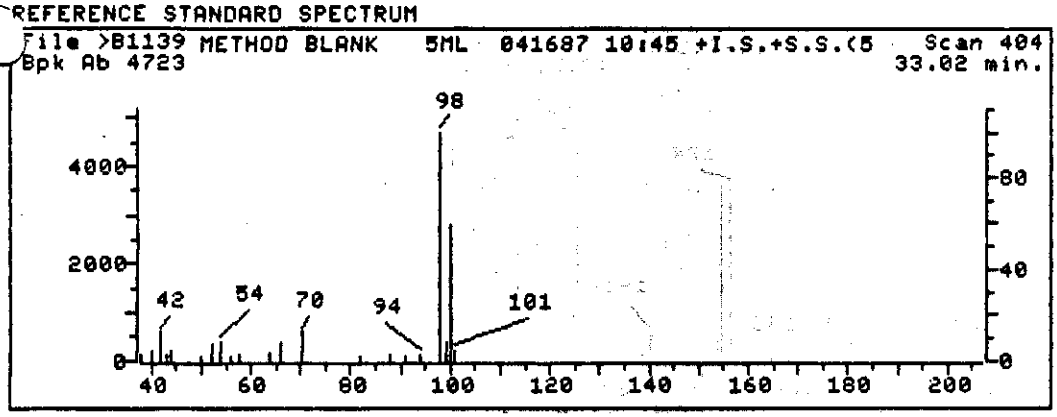


Data File: >A0959::D2 Quant Output File: ^A0959::D3
Name: B0657 WESTON 5ML
Misc: 052687 14:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:01 Quant ID File: IDVOL5::M1
Injected at: 870526 14:29 Last Calibration: 870526 12:02

Compound No: 39
Compound Name: Toluene
Scan Number: 431
Retention Time: 34.77 min.
Quant Ion: 91.0
Area: 23851
Concentration: 1.61 UG/L
q-value: 95

REFERENCE STANDARD SPECTRUM



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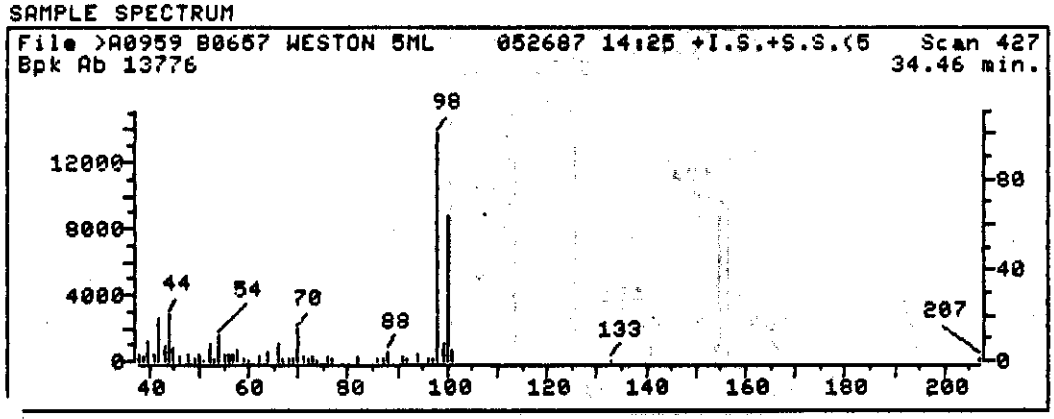
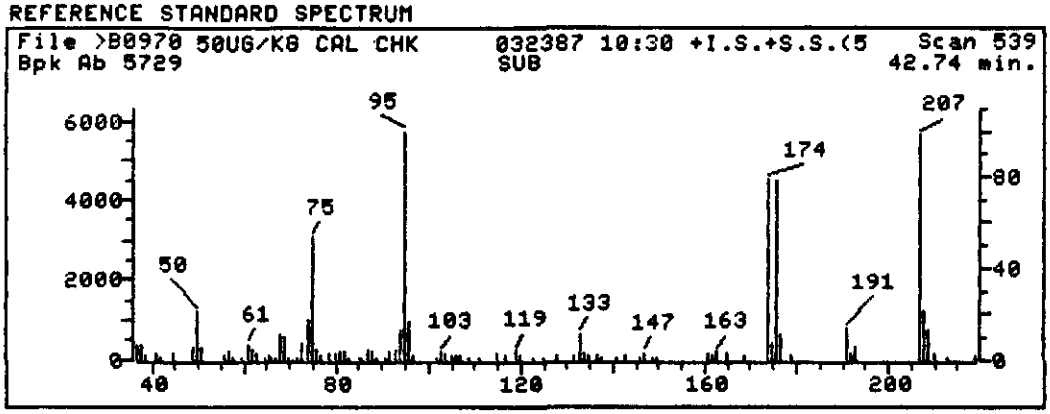


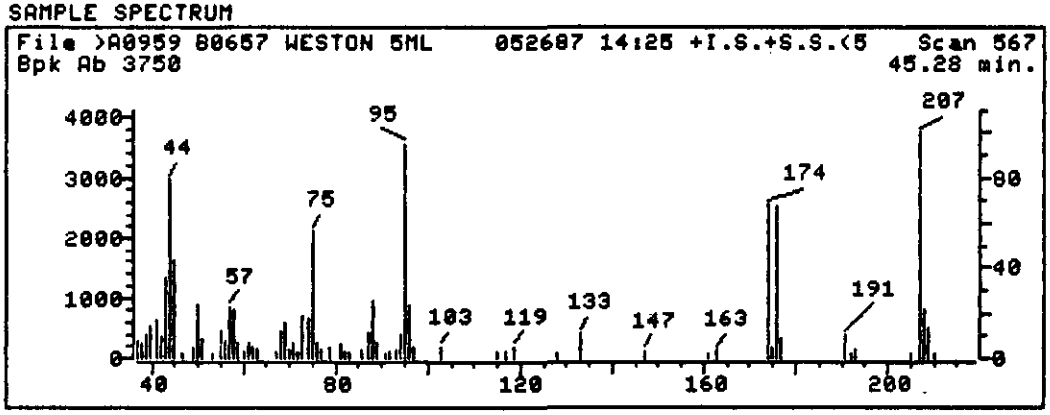
Data File: >A0959::D2 Quant Output File: ^A0959::D3
Name: B0657 WESTON 5ML
Misc: 052687 14:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:01 Quant ID File: IDVOL5::M1
Injected at: 870526 14:29 Last Calibration: 870526 12:02

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 427
Retention Time: 34.46 min.
Quant Ion: 98.0
Area: 370131
Concentration: 49.13 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0959::D2 Quant Output File: ^A0959::D3
Name: B0657 WESTON 5ML
Misc: 052687 14:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:01 Quant ID File: IDVOL5::M1
Injected at: 870526 14:29 Last Calibration: 870526 12:02

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 567
Retention Time: 45.28 min.
Quant Ion: 95.0
Area: 236282
Concentration: 51.24 UG/L
q-value: 100

#12

Organics Analysis Data Sheet
(Page 1)

Sample Number
30658

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >A0960::D2
Sample Matrix: WATER
Data release Authorized by: Richard W Pyne

Date No.: N/A
GC Report No.: 4?
Contract No.: N/A
Date Sample Received: 22 MAY 87

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/26/87 15:29
Conc/Dil factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/l or ug/Kg (Circle One)		C.A.S. Number		ug/l or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
167-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	4.	B,J	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	22.		110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	2.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-6	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

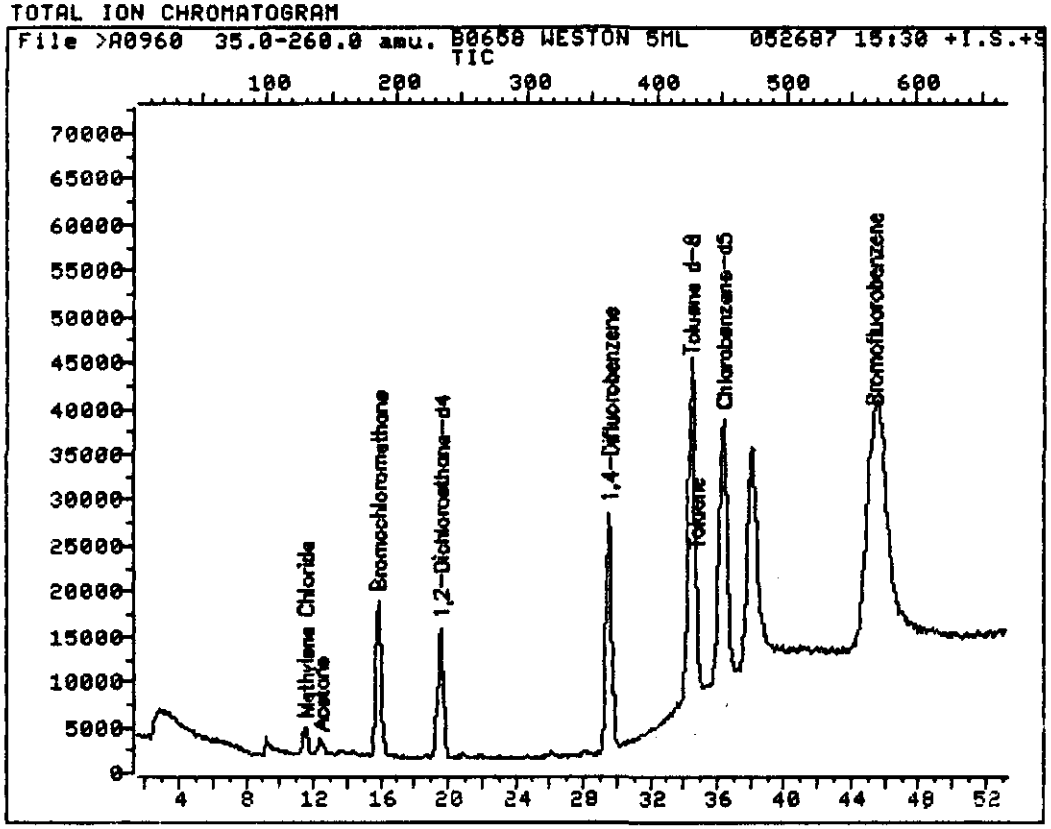
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

AR400130

TOTAL ION CHROMATOGRAM

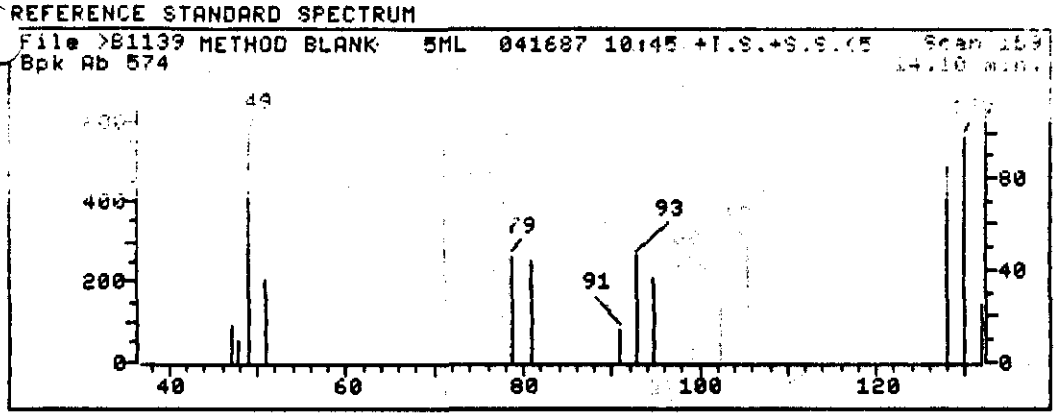


Data File: >A0960::D2 Quant Output File: ^A0960::D3
Name: B0658 WESTON 5ML
Misc: 052687 15:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

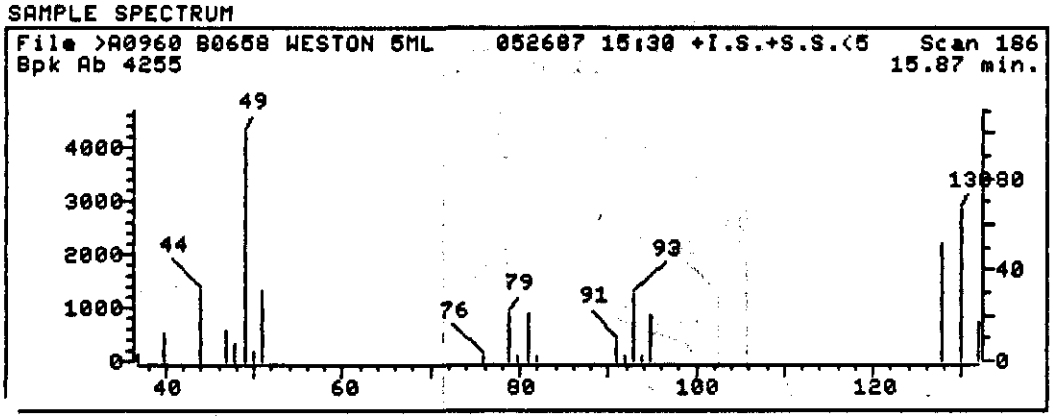
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870526 12:02

Operator ID: DT9093
Quant Time: 870526 16:55
Injected at: 870526 15:29

REFERENCE STANDARD SPECTRUM



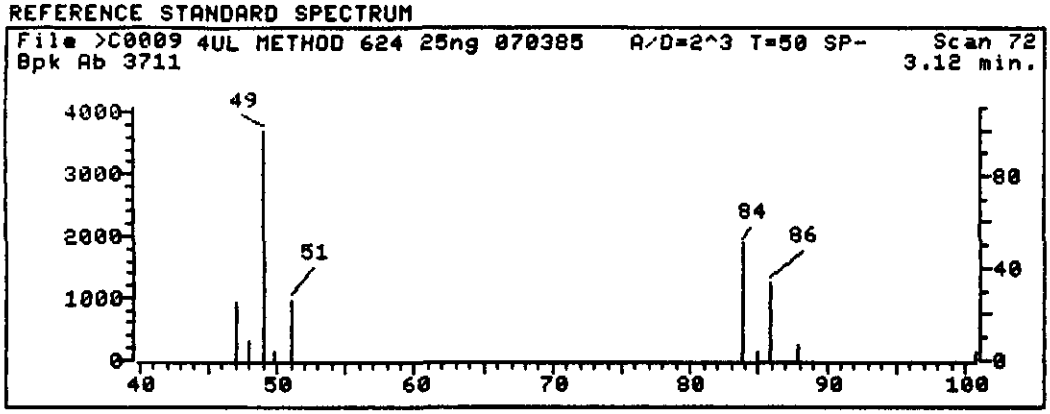
SAMPLE SPECTRUM



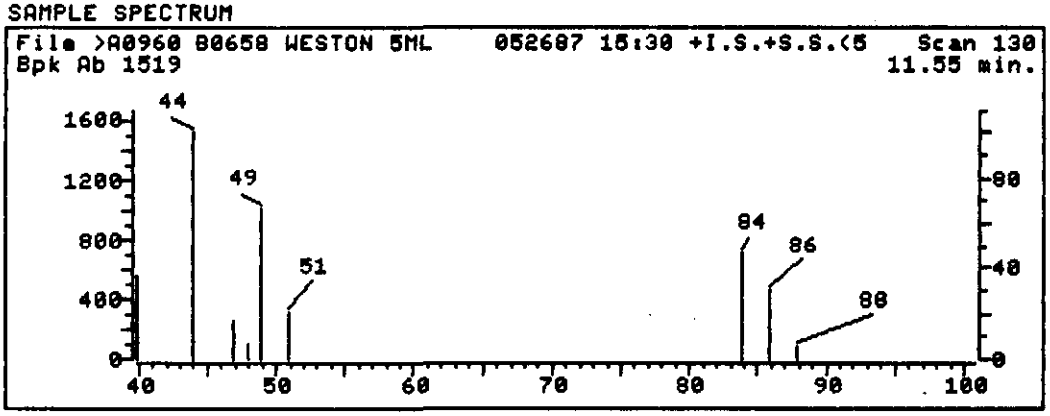
Data File: >A0960::D2 Quant Output File: ^A0960::D3
Name: B0658 WESTON 5ML
Misc: 052687 15:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:55 Quant ID File: IDVOL5::M1
Injected at: 870526 15:29 Last Calibration: 870526 12:02

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 186
Retention Time: 15.87 min.
Quant Ion: 49.0
Area: 95151
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



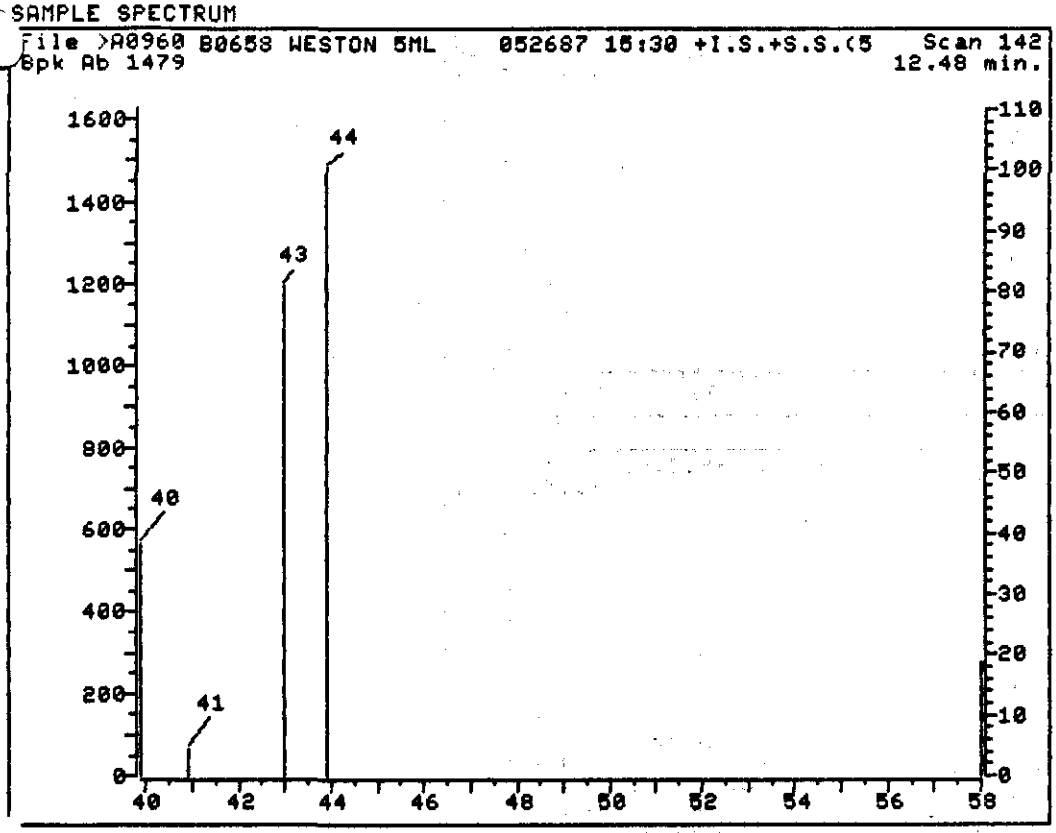
SAMPLE SPECTRUM



Data File: >A0960::D2 Quant Output File: ^A0960::D3
Name: B0658 WESTON 5ML
Misc: 052687 15:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:55 Quant ID File: IDVOL5::M1
Injected at: 870526 15:29 Last Calibration: 870526 12:02

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 130
Retention Time: 11.55 min.
Quant Ion: 49.0
Area: 22183
Concentration: 4.45 UG/L
q-value: 70

SAMPLE SPECTRUM

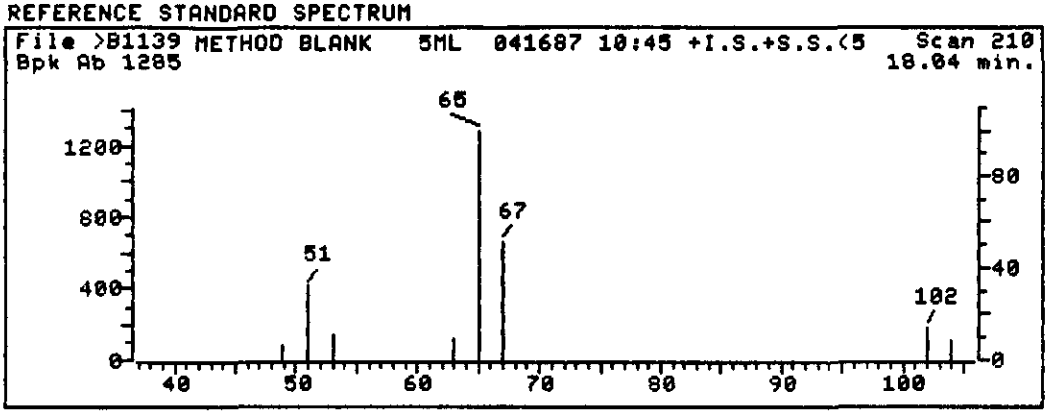


Data File: >A0960::D2 Quant Output File: ^A0960::D3
Name: B0658 WESTON 5ML
Misc: 052687 15:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:55 Quant ID File: IDVOL5::M1
Injected at: 870526 15:29 Last Calibration: 870526 12:02

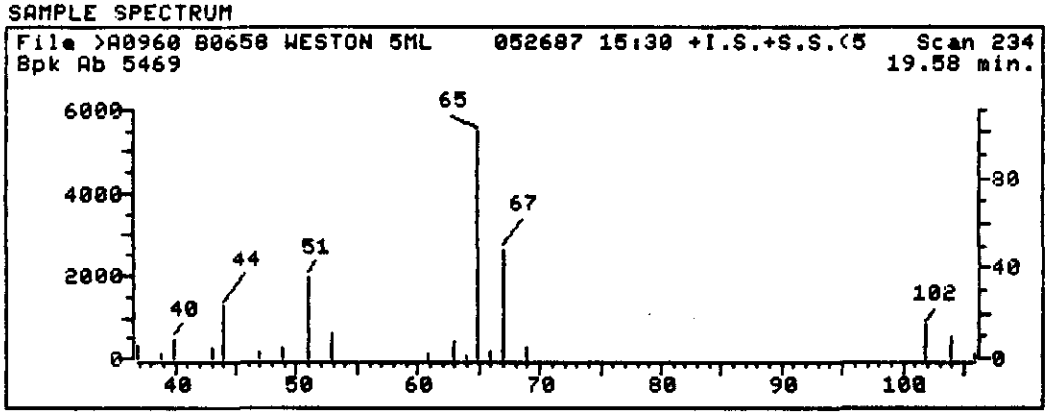
Compound No: 10
Compound Name: Acetone
Scan Number: 142
Retention Time: 12.48 min.
Quant Ion: 43.0
Area: 30201
Concentration: 22.37 UG/L
q-value: 92

AR400134

REFERENCE STANDARD SPECTRUM



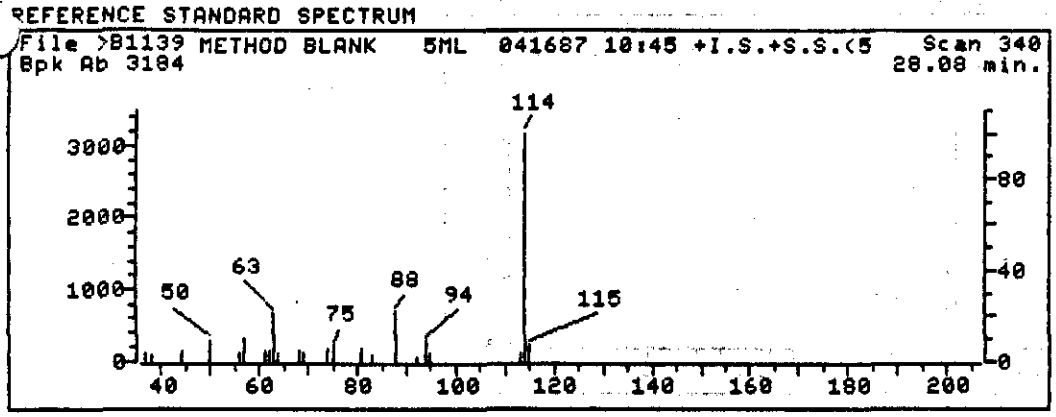
SAMPLE SPECTRUM



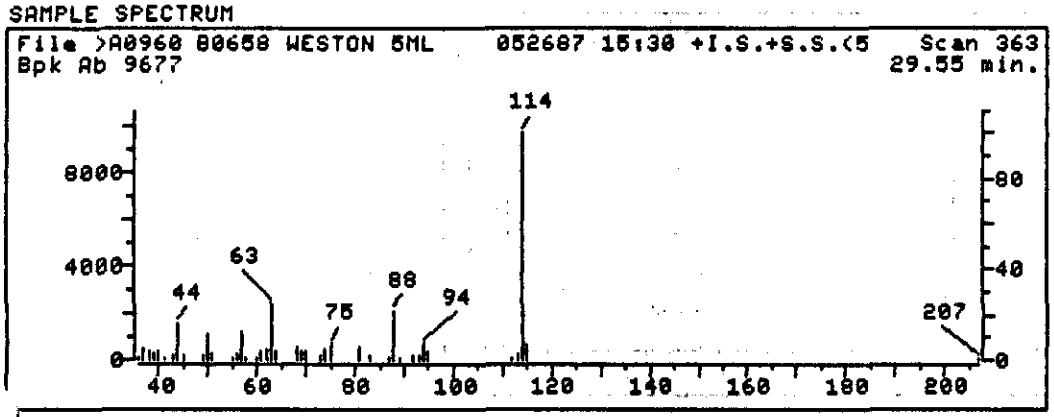
Data File: >A0960::D2 Quant Output File: ^A0960::D3
Name: B0658 WESTON 5ML
Misc: 052687 15:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:55 Quant ID File: IDVOL5::M1
Injected at: 870526 15:29 Last Calibration: 870526 12:02

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.58 min.
Quant Ion: 65.0
Area: 123445
Concentration: 47.76 UG/L
q-value: 99

REFERENCE STANDARD SPECTRUM



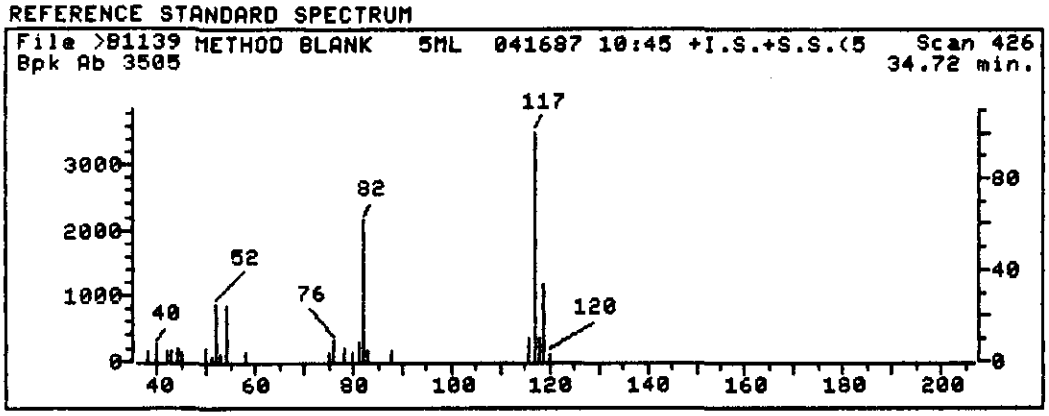
SAMPLE SPECTRUM



Data File: >A0960::D2 Quant Output File: ^A0960::D3
Name: B0658 WESTON 5ML
Misc: 052687 15:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:55 Quant ID File: IDVOL5::M1
Injected at: 870526 15:29 Last Calibration: 870526 12:02

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.55 min.
Quant Ion: 114.0
Area: 238499
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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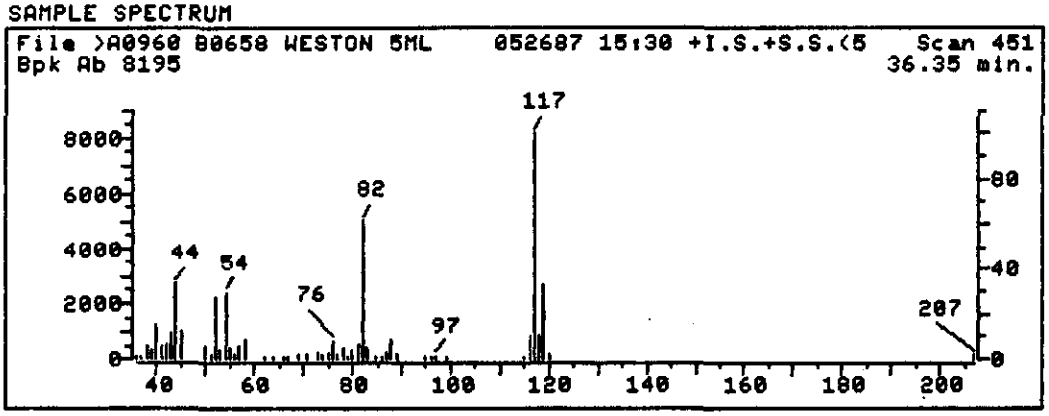
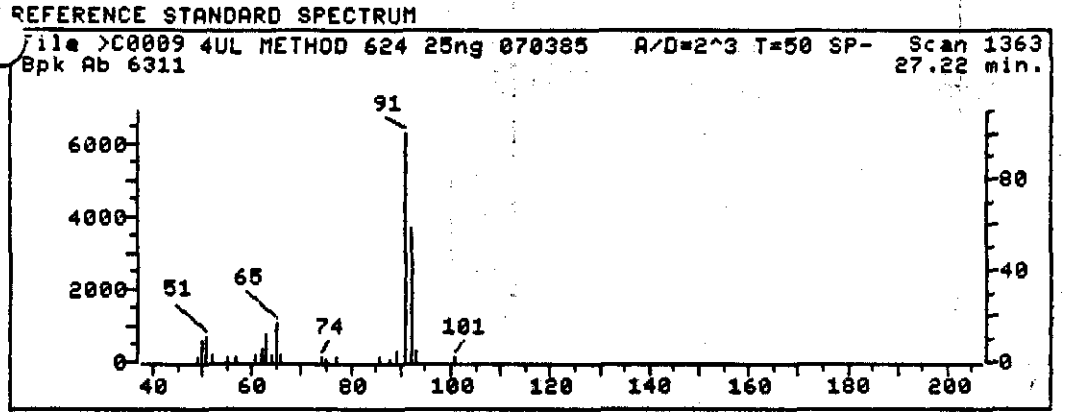


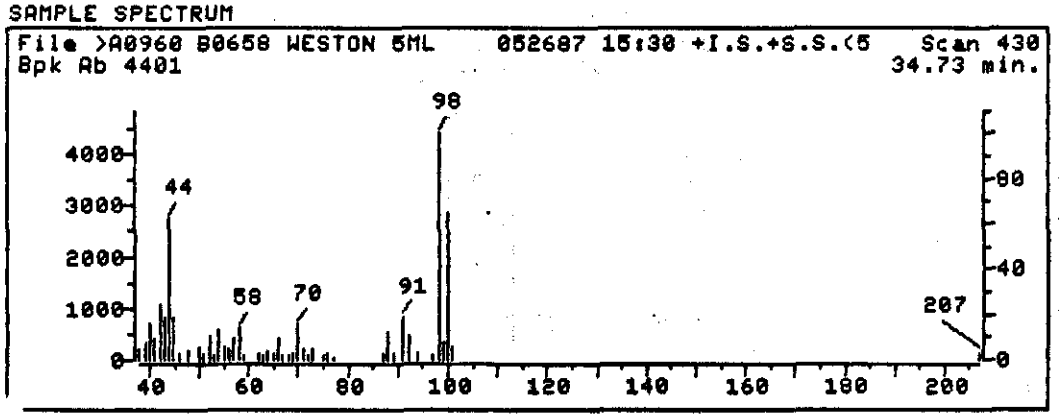
Data File: >A0960::D2 Quant Output File: ^A0960::D3
Name: B0658 WESTON 5ML
Misc: 052687 15:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:55 Quant ID File: IDVOL5::M1
Injected at: 870526 15:29 Last Calibration: 870526 12:02

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 451
Retention Time: 36.35 min.
Quant Ion: 117.0
Area: 271239
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



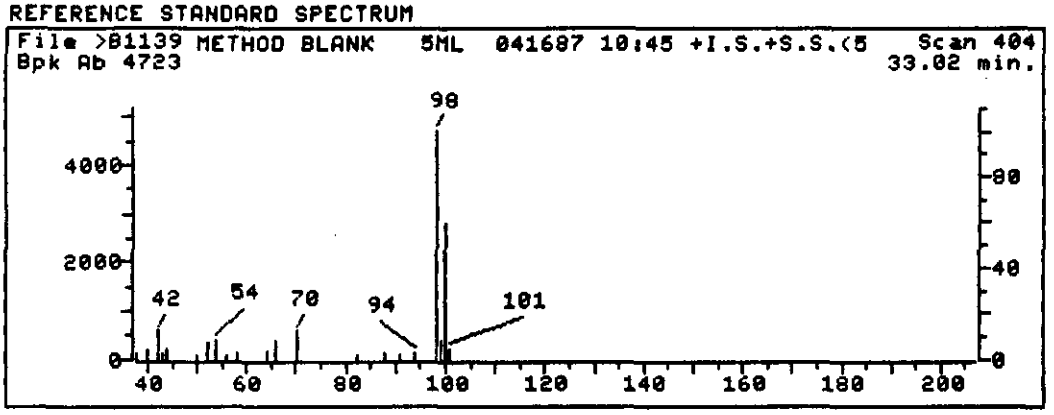
SAMPLE SPECTRUM



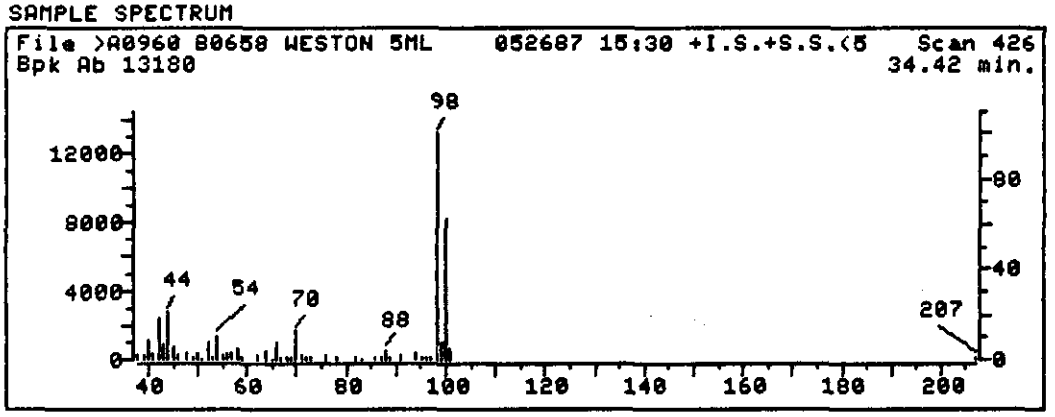
Data File: >A0960::D2 Quant Output File: ^A0960::D3
Name: B0658 WESTON 5ML
Misc: 052687 15:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:55 Quant ID File: IDVOL5::M1
Injected at: 870526 15:29 Last Calibration: 870526 12:02

Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.73 min.
Quant Ion: 91.0
Area: 23681
Concentration: 1.65 UG/L
q-value: 91

REFERENCE STANDARD SPECTRUM



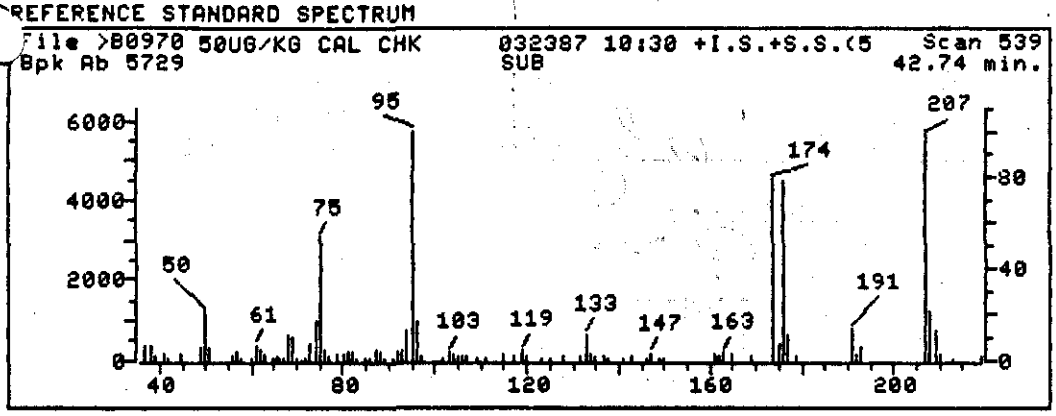
SAMPLE SPECTRUM



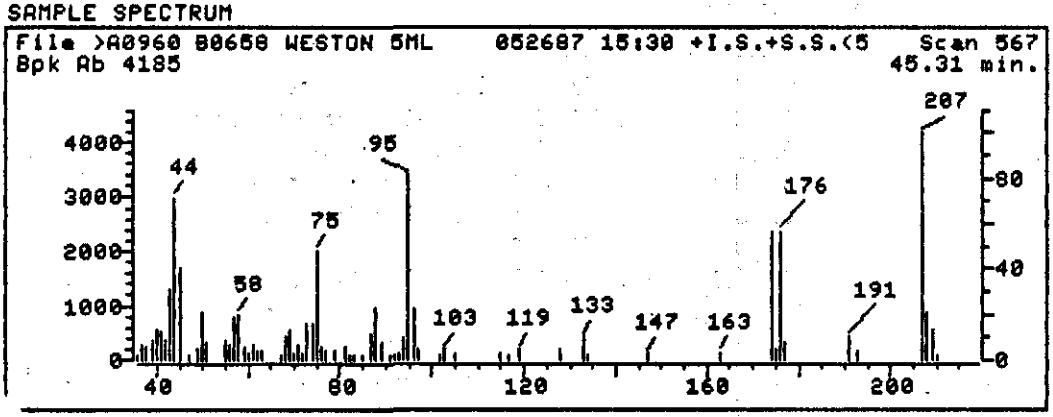
Data File: >A0960::D2 Quant Output File: ^A0960::D3
Name: B0658 WESTON 5ML
Misc: 052687 15:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:55 Quant ID File: IDVOL5::M1
Injected at: 870526 15:29 Last Calibration: 870526 12:02

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 426
Retention Time: 34.42 min.
Quant Ion: 98.0
Area: 354581
Concentration: 48.35 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0960::D2 Quant Output File: ^A0960::D3
Name: B0658 WESTON 5ML
Misc: 052687 15:30 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 16:55 Quant ID File: IDVOL5::M1
Injected at: 870526 15:29 Last Calibration: 870526 12:02

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 567
Retention Time: 45.31 min.
Quant Ion: 95.0
Area: 214749
Concentration: 47.84 UG/L
q-value: 100

#13

Sample Number
DATE:

Organics Analysis Data Sheet
Page 1

Laboratory Name: Wastex Inc of MI
User Sample ID: PA09ebl:D2
Sample Matrix: WATER
Data Release Authorized by: Richard W Lyon

Case No.: N/A
GC Report No.: 47
Contract No.: N/A
Date Sample Received: 22 MAY 87

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/26/87 21:10
Conc/Dil factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/l or ug/Kg (Circle One)		C.A.S. Number		ug/l or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
107-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	3.	B,J	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	10.		110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	2.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-6	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

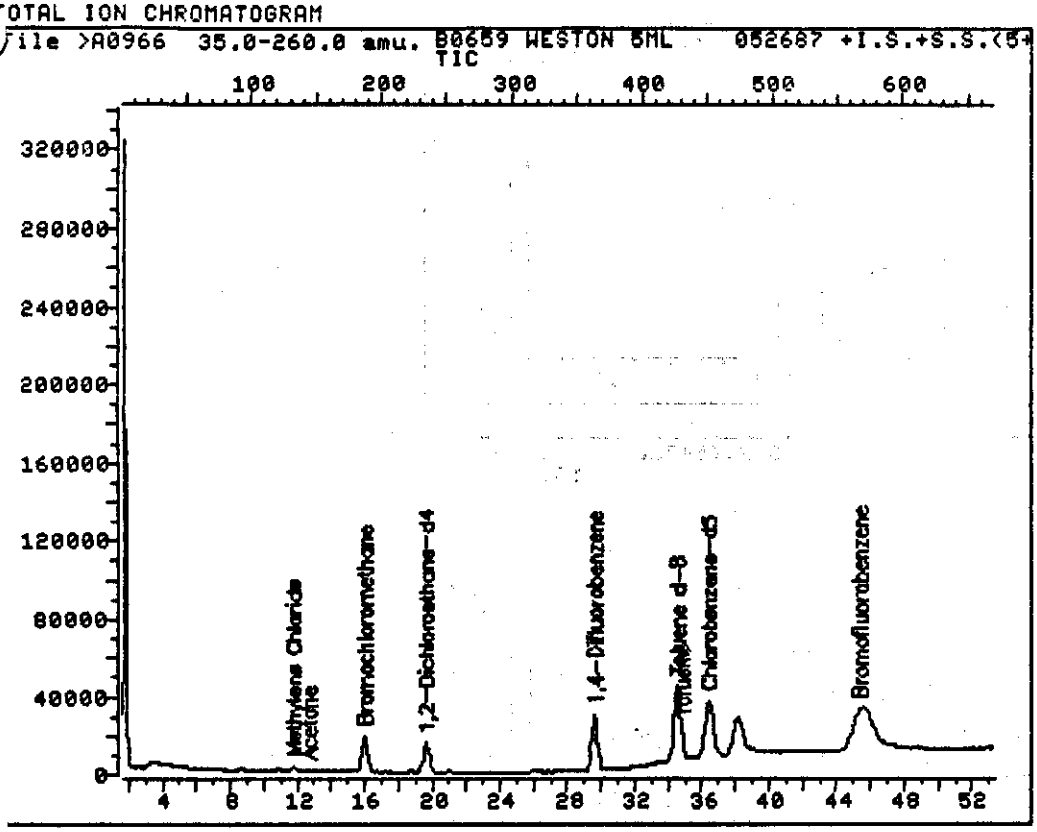
AR400141

OPTIONAL FLAGS

N - Compound not present in Calibration File.

TOTAL ION CHROMATOGRAM

File >A0966 35.0-260.0 amu. B0659 WESTON 5ML 052687 +I.S.+S.S.(5+

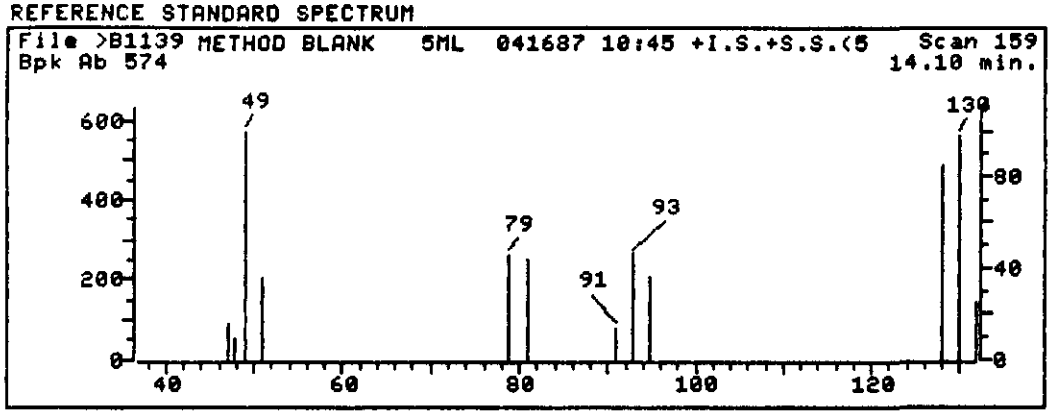


Data File: >A0966::D2 Quant Output File: ^A0966::M2
Name: B0659 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

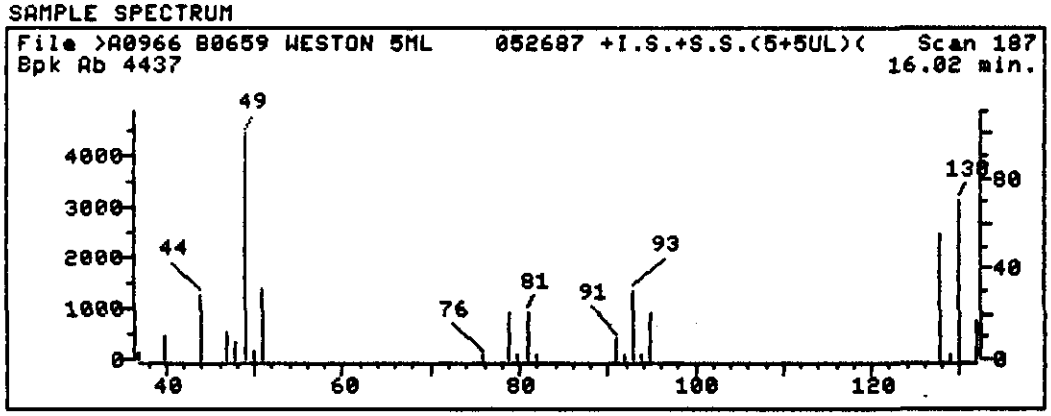
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870526 18:38

Operator ID: DT9093
Quant Time: 870526 22:04
Injected at: 870526 21:10

REFERENCE STANDARD SPECTRUM



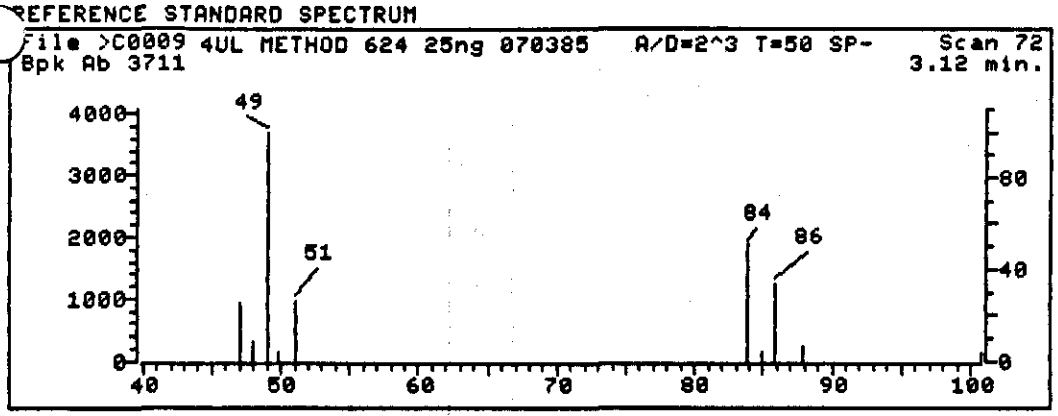
SAMPLE SPECTRUM



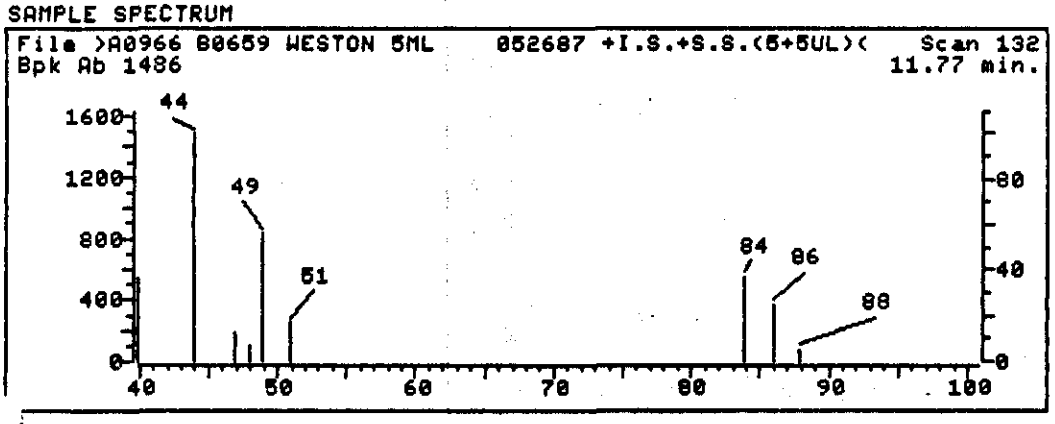
Data File: >A0966::D2 Quant Output File: ^A0966::M2
Name: B0659 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 22:04 Quant ID File: IDVOL5::M1
Injected at: 870526 21:10 Last Calibration: 870526 18:38

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 187
Retention Time: 16.02 min.
Quant Ion: 49.0
Area: 100684
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



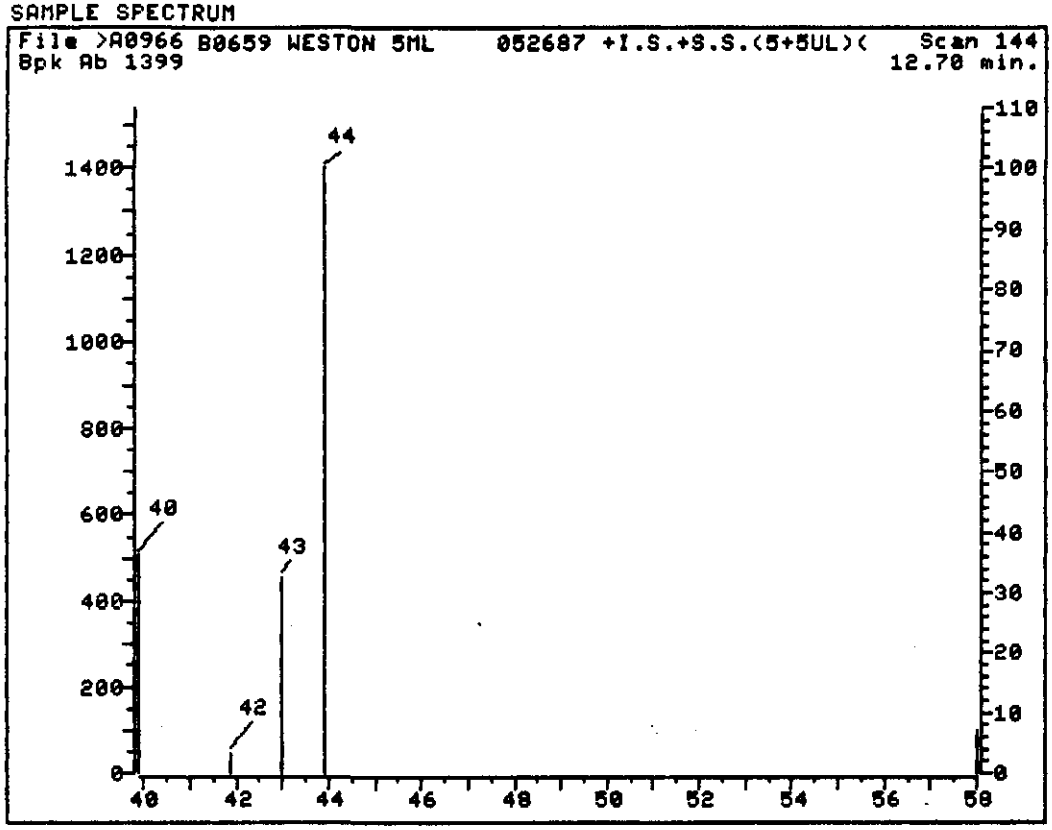
SAMPLE SPECTRUM



Data File: >A0966::D2 Quant Output File: ^A0966::M2
Name: B0659 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 22:04 Quant ID File: IDVOL5::M1
Injected at: 870526 21:10 Last Calibration: 870526 18:38

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 132
Retention Time: 11.77 min.
Quant Ion: 49.0
Area: 17608
Concentration: 3.38 UG/L
q-value: 75.

SAMPLE SPECTRUM



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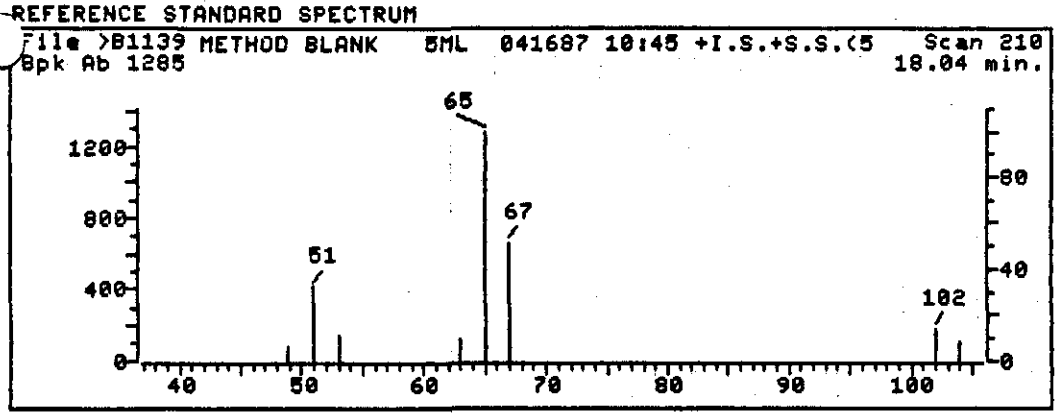
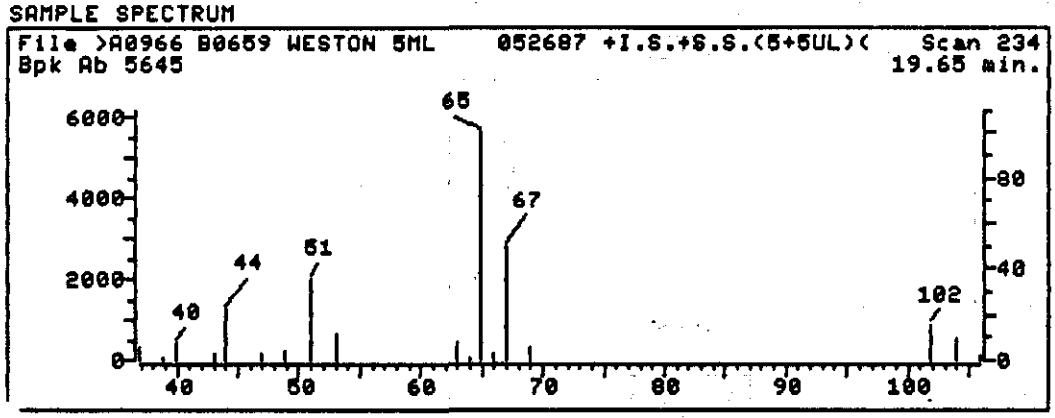
Name: B0659 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 22:04 Quant ID File: IDVOL5::M1
Injected at: 870526 21:10 Last Calibration: 870526 18:38

Compound No: 10
Compound Name: Acetone
Scan Number: 144
Retention Time: 12.70 min.
Quant Ion: 43.0
Area: 11805
Concentration: 9.95 UG/L
q-value: 96

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



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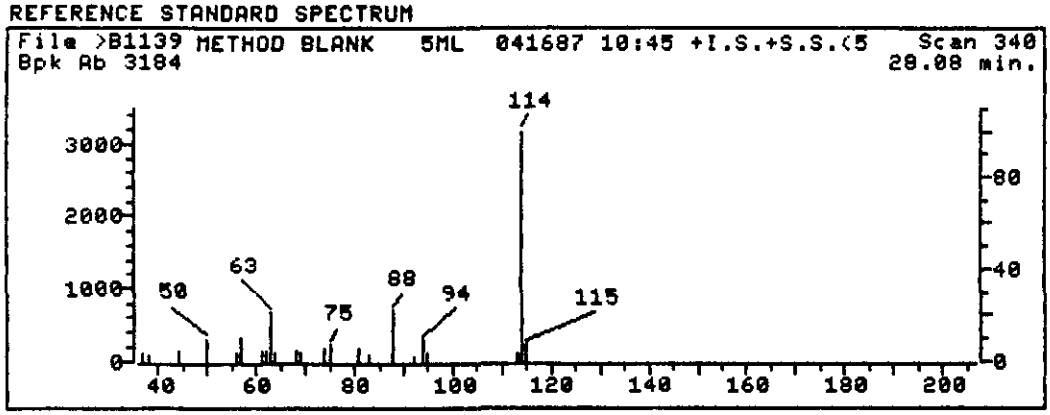
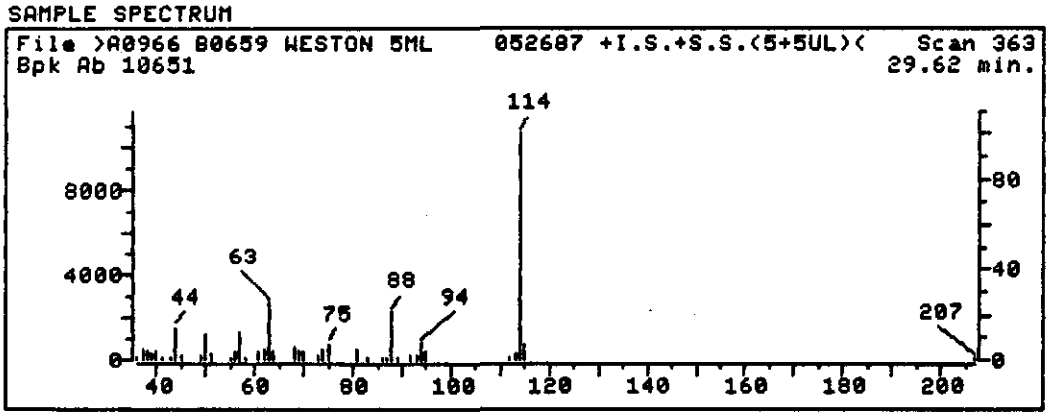
Name: B0659 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 22:04 Quant ID File: IDVOL5::M1
Injected at: 870526 21:10 Last Calibration: 870526 18:38

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.65 min.
Quant Ion: 65.0
Area: 133029
Concentration: 47.00 UG/L
q-value: 97

REFERENCE STANDARD SPECTRUM



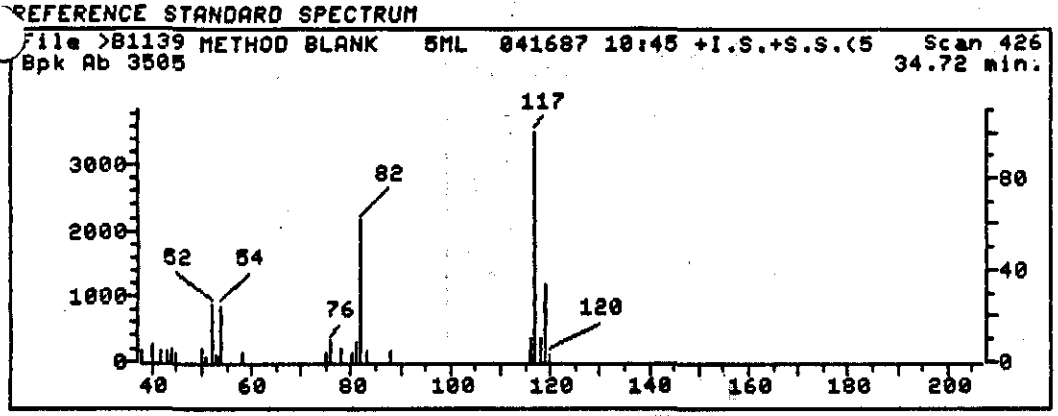
SAMPLE SPECTRUM



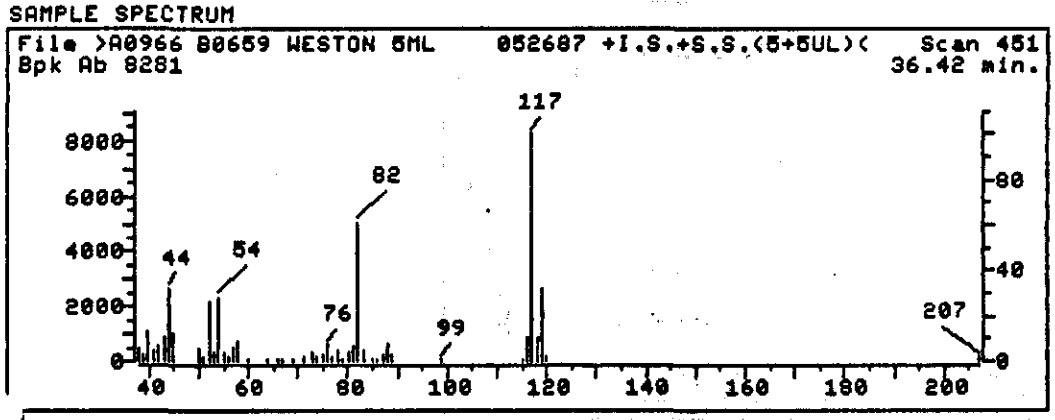
Data File: >A0966::D2 Quant Output File: ^A0966::M2
Name: B0659 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 22:04 Quant ID File: IDVOL5::M1
Injected at: 870526 21:10 Last Calibration: 870526 18:38

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.62 min.
Quant Ion: 114.0
Area: 260520
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



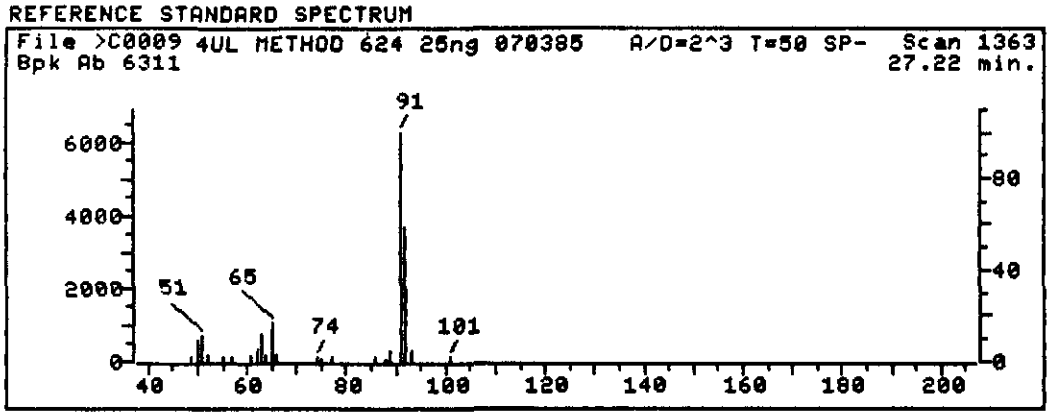
SAMPLE SPECTRUM



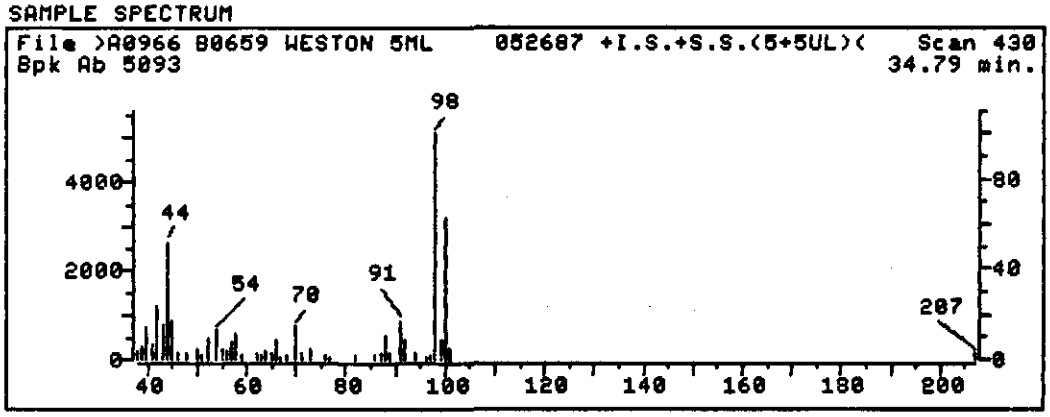
Data File: >A0966::D2 Quant Output File: ^A0966::M2
Name: B0659 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 22:04 Quant ID File: IDVOL5::M1
Injected at: 870526 21:10 Last Calibration: 870526 18:38

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 451
Retention Time: 36.42 min.
Quant Ion: 117.0
Area: 271261
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



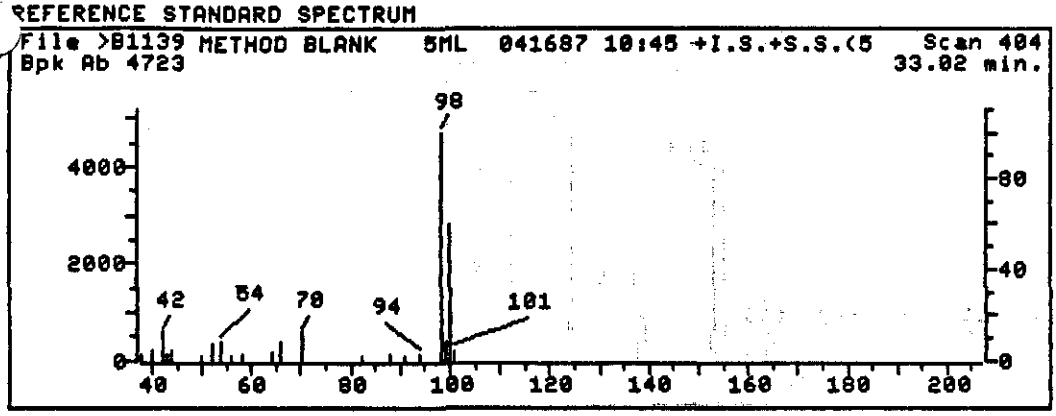
SAMPLE SPECTRUM



Data File: >A0966::D2 Quant Output File: ^A0966::M2
Name: B0659 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 22:04 Quant ID File: IDVOL5::M1
Injected at: 870526 21:10 Last Calibration: 870526 18:38

Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.79 min.
Quant Ion: 91.0
Area: 24544
Concentration: 1.73 UG/L
q-value: 90

REFERENCE STANDARD SPECTRUM



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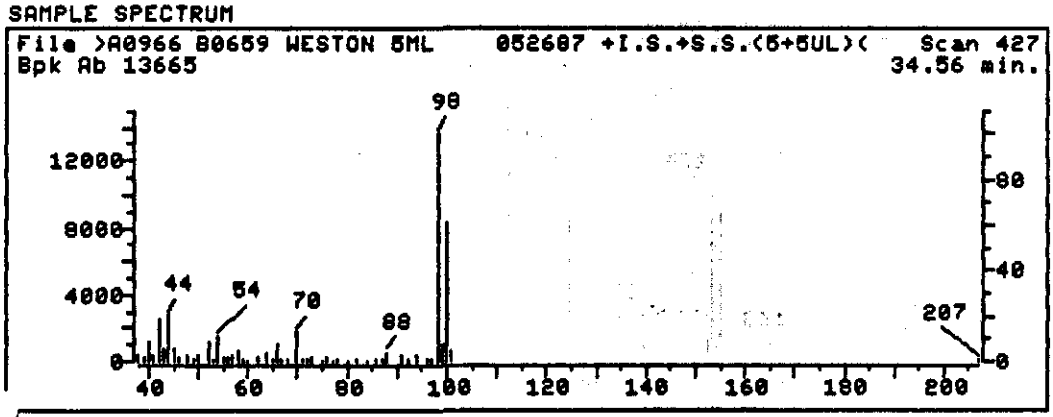
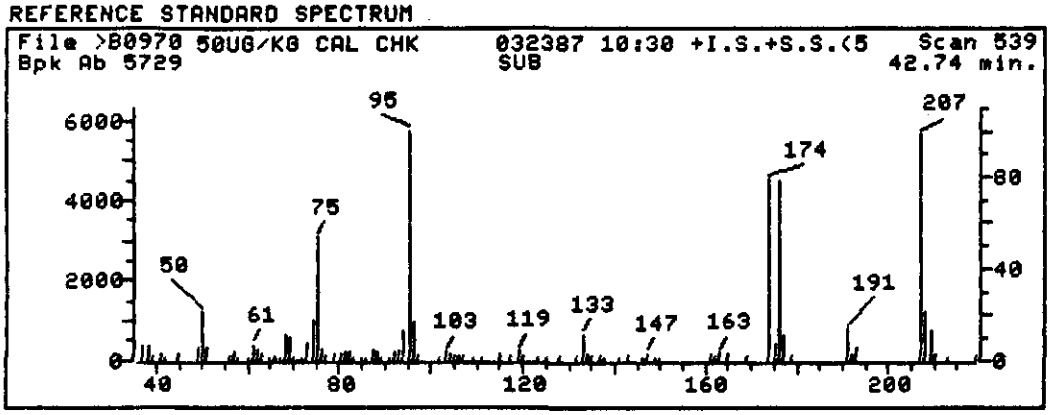


Data File: >A0966::D2 Quant Output File: ^A0966::M2
Name: B0659 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 22:04 Quant ID File: IDVOL5::M1
Injected at: 870526 21:10 Last Calibration: 870526 18:38

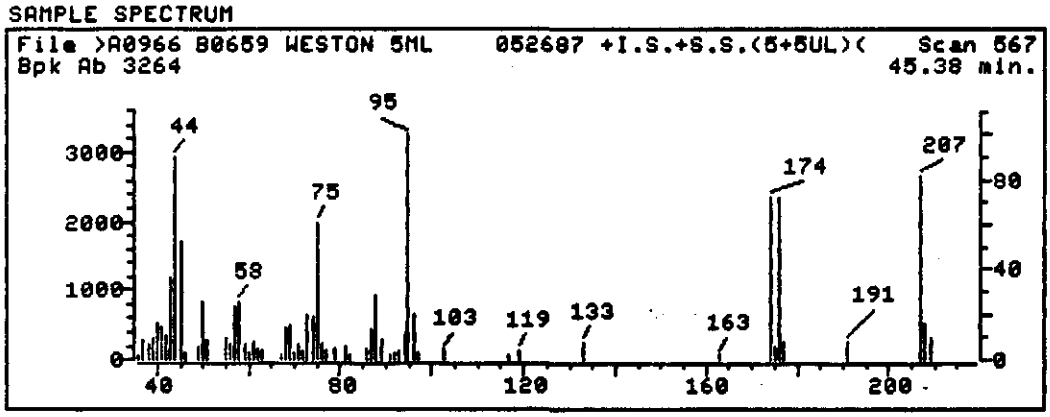
Compound No: 40
Compound Name: Toluene d-8
Scan Number: 427
Retention Time: 34.56 min.
Quant Ion: 98.0
Area: 371614
Concentration: 51.70 UG/L
q-value: 100

AR400150

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0966::D2 Quant Output File: ^A0966::M2
Name: B0659 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 22:04 Quant ID File: IDVOL5::M1
Injected at: 870526 21:10 Last Calibration: 870526 18:38

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 567
Retention Time: 45.38 min.
Quant Ion: 95.0
Area: 214487
Concentration: 46.62 UG/L
q-value: 100.

#14

Organic Analysis Data Sheet
(Page 1)

Sample Number
B06b0

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: A09b7:02
Sample Matrix: WATER
Data release Authorized by: Richard W Lynch

Case No.: N/A
QC Report No.: 47
Contract No.: N/A
Date Sample Received: 22 MAY 87

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/26/87 22:09
Conc/Dil factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/L or ug/Kg (Circle One)		C.A.S. Number		ug/L or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
167-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	4.	B,J	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	28.		110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	2.	B,J
78-93-3	2-Butanone	5.	J	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-6	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

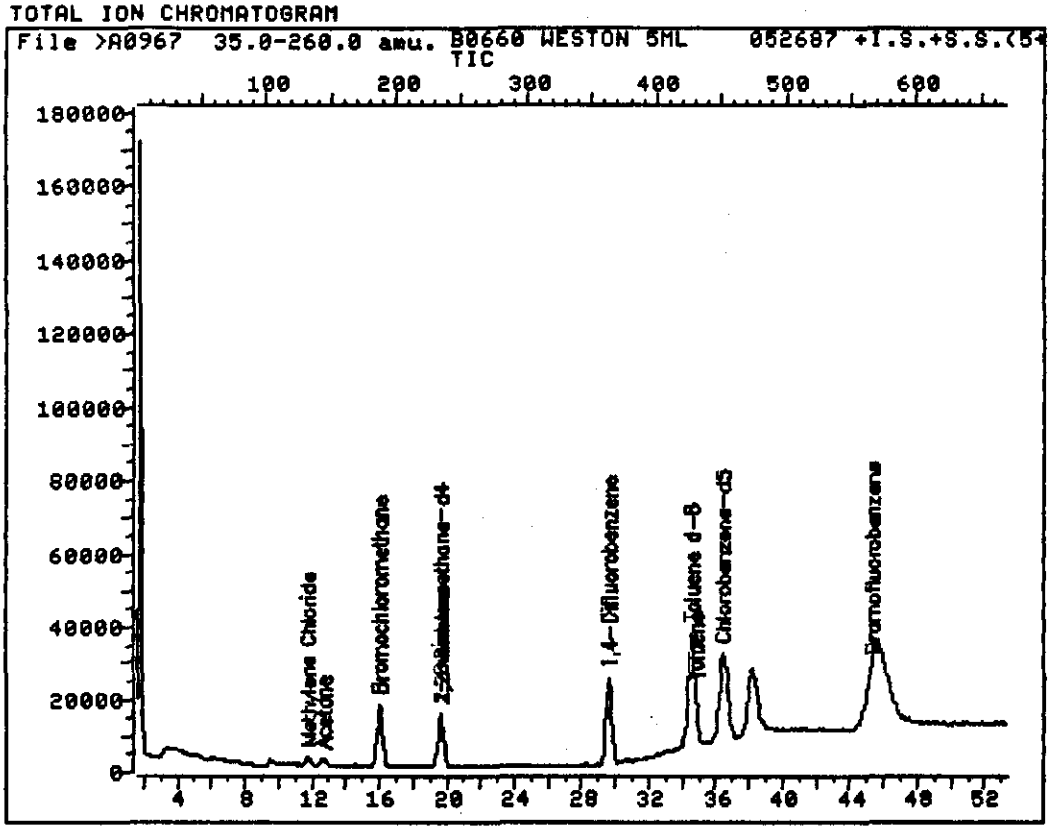
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

A8L00152

TOTAL ION CHROMATOGRAM

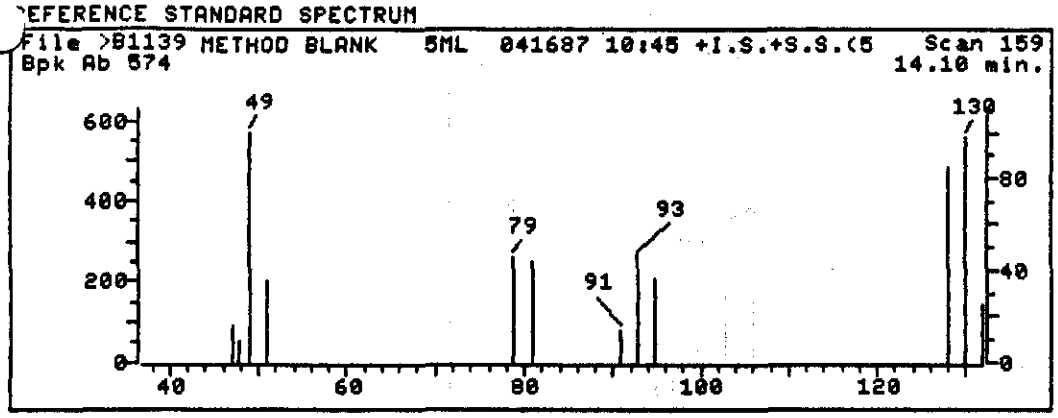


Data File: >A0967::D2 Quant Output File: ^A0967::M2
Name: B0660 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

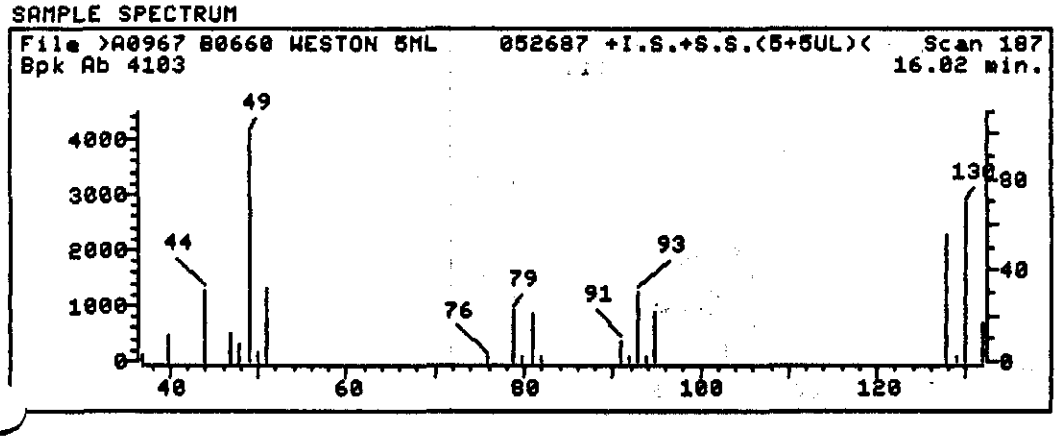
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870526 18:38

Operator ID: DT9093
Quant Time: 870526 23:03
Injected at: 870526 22:09

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM

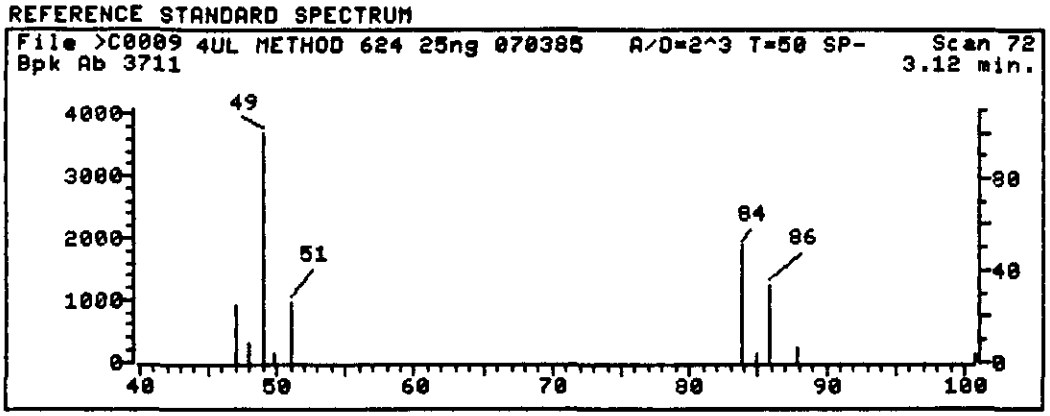


Data File: >A0967::D2 Quant Output File: ^A0967::M2
Name: B0660 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 23:03 Quant ID File: IDVOL5::M1
Injected at: 870526 22:09 Last Calibration: 870526 18:38

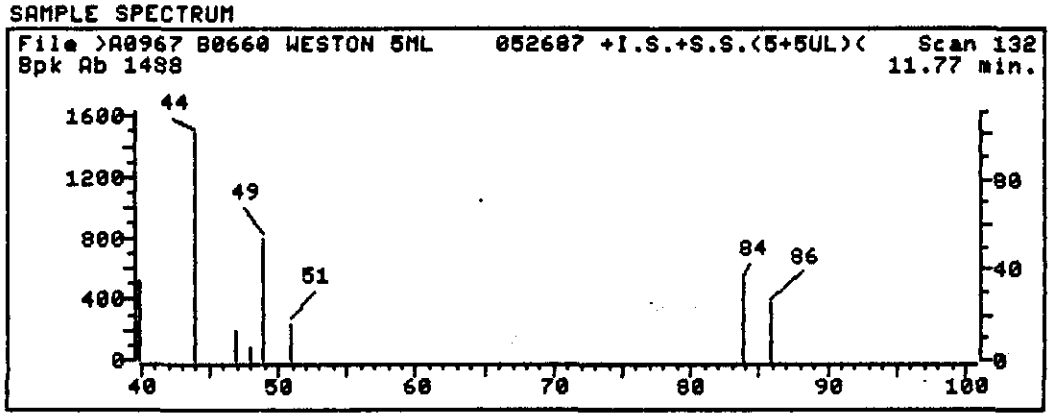
Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 187
Retention Time: 16.02 min.
Quant Ion: 49.0
Area: 91395
Concentration: 50.00 UG/L
q-value: 100

L

REFERENCE STANDARD SPECTRUM



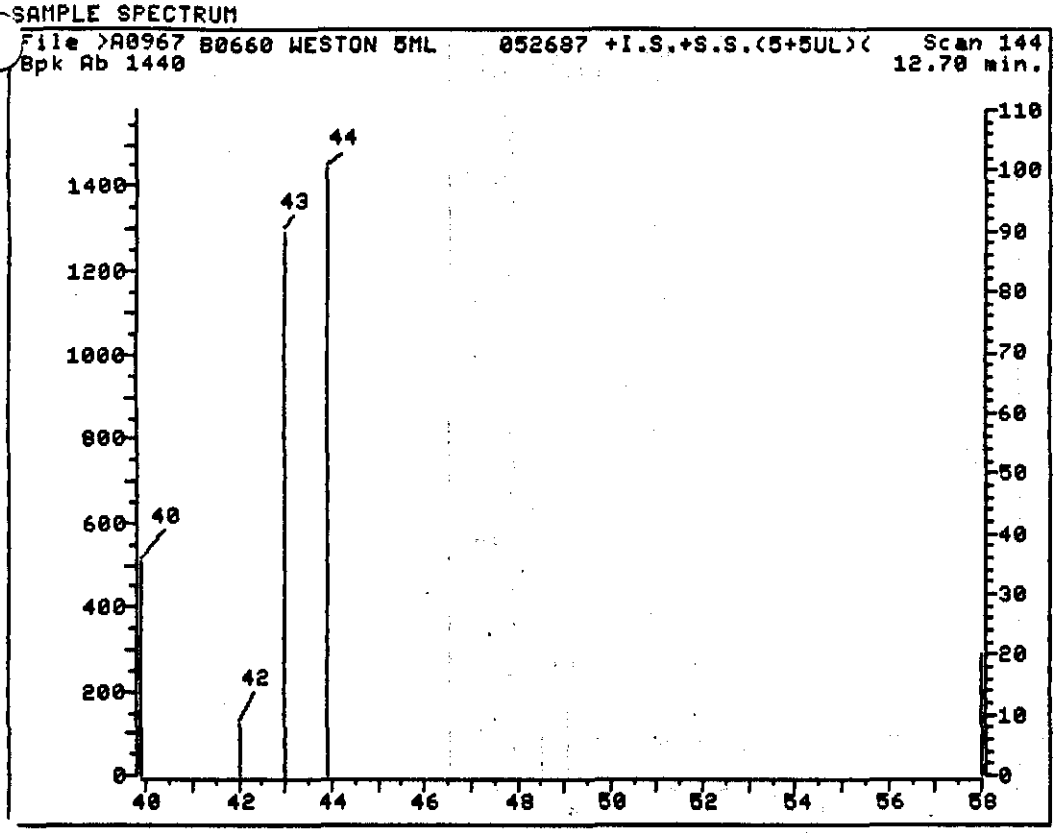
SAMPLE SPECTRUM



Data File: >A0967::D2 Quant Output File: ^A0967::M2
Name: B0660 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 23:03 Quant ID File: IDVOL5::M1
Injected at: 870526 22:09 Last Calibration: 870526 18:38

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 132
Retention Time: 11.77 min.
Quant Ion: 49.0
Area: 16537
Concentration: 3.50 UG/L
q-value: 74

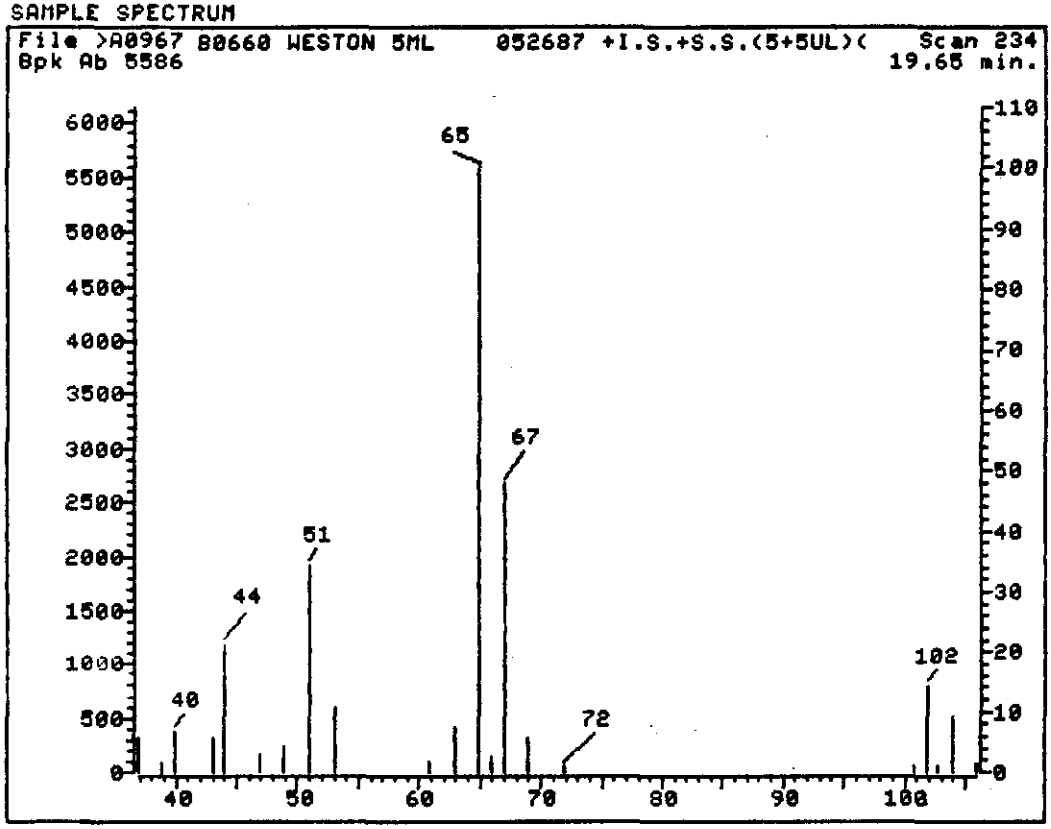
SAMPLE SPECTRUM



Data File: >A0967::D2 Quant Output File: ^A0967::M2
Name: B0660 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 23:03 Quant ID File: IDVOL5::M1
Injected at: 870526 22:09 Last Calibration: 870526 18:38

Compound No: 10
Compound Name: Acetone
Scan Number: 144
Retention Time: 12.70 min.
Quant Ion: 43.0
Area: 30586
Concentration: 28.39 UG/L
q-value: 94

SAMPLE SPECTRUM

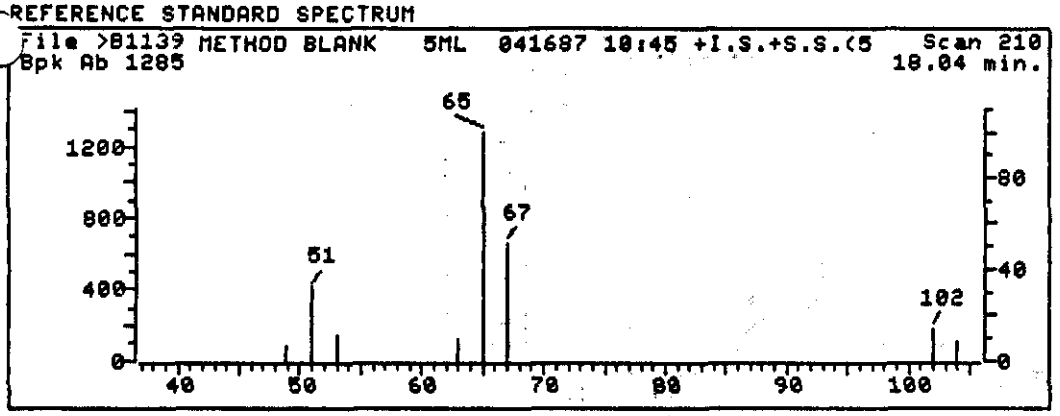


Data File: >A0967::D2 Quant Output File: ^A0967::M2
Name: B0660 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 23:03 Quant ID File: IDVOL5::M1
Injected at: 870526 22:09 Last Calibration: 870526 18:38

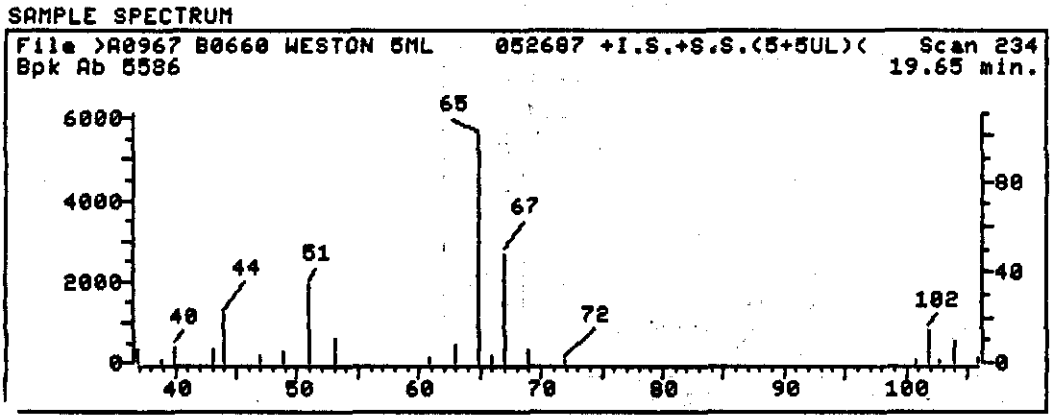
Compound No: 17
Compound Name: 2-Butanone
Scan Number: 234
Retention Time: 19.65 min.
Quant Ion: 43.0
Area: 7509
Concentration: 4.99 UG/L
q-value: 92.

AR400157

REFERENCE STANDARD SPECTRUM



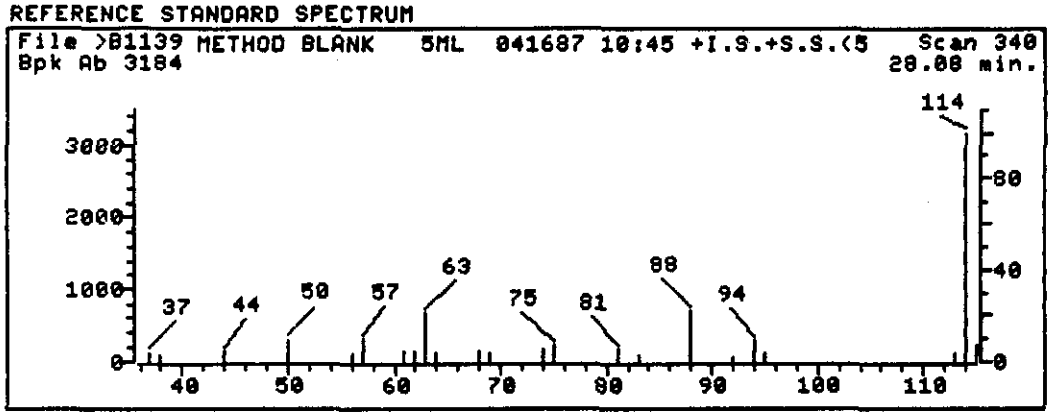
SAMPLE SPECTRUM



Data File: >A0967::D2 Quant Output File: ^A0967::M2
Name: B0660 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 23:03 Quant ID File: IDVOL5::M1
Injected at: 870526 22:09 Last Calibration: 870526 18:38

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.65 min.
Quant Ion: 65.0
Area: 124297
Concentration: 48.38 UG/L
q-value: 99

REFERENCE STANDARD SPECTRUM



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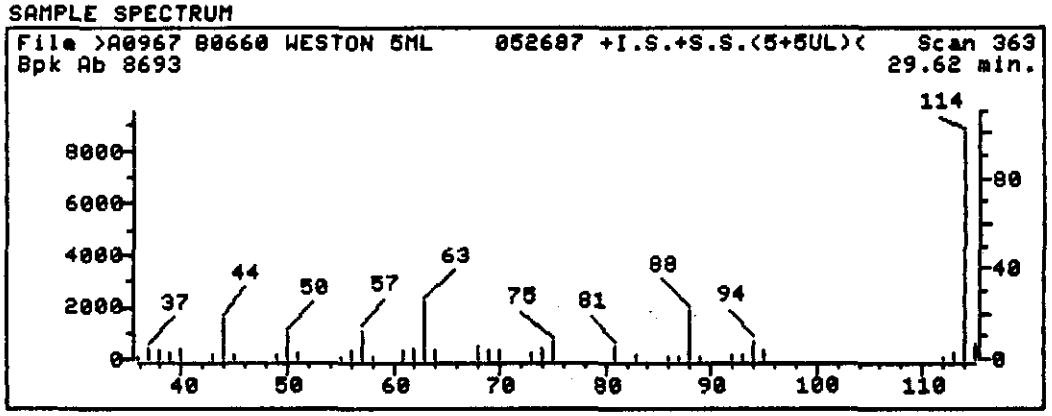
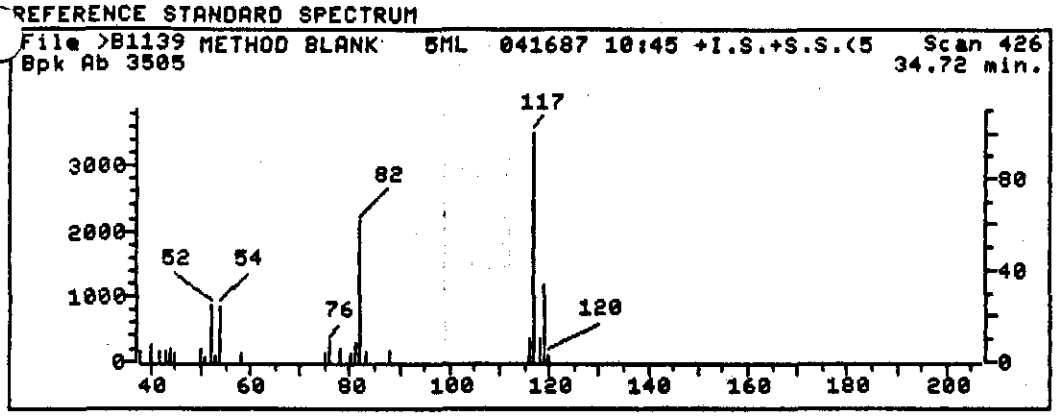


Data File: >A0967::D2 Quant Output File: ^A0967::M2
Name: B0660 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 23:03 Quant ID File: IDVOL5::M1
Injected at: 870526 22:09 Last Calibration: 870526 18:38

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.62 min.
Quant Ion: 114.0
Area: 213884
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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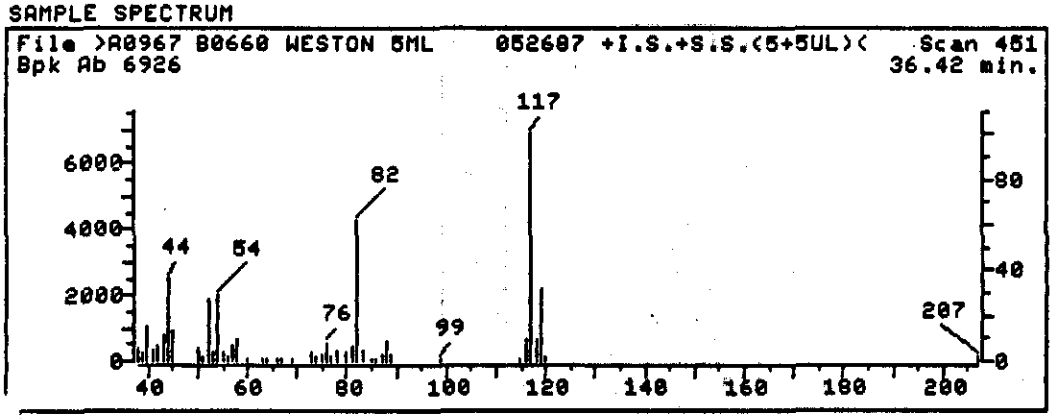
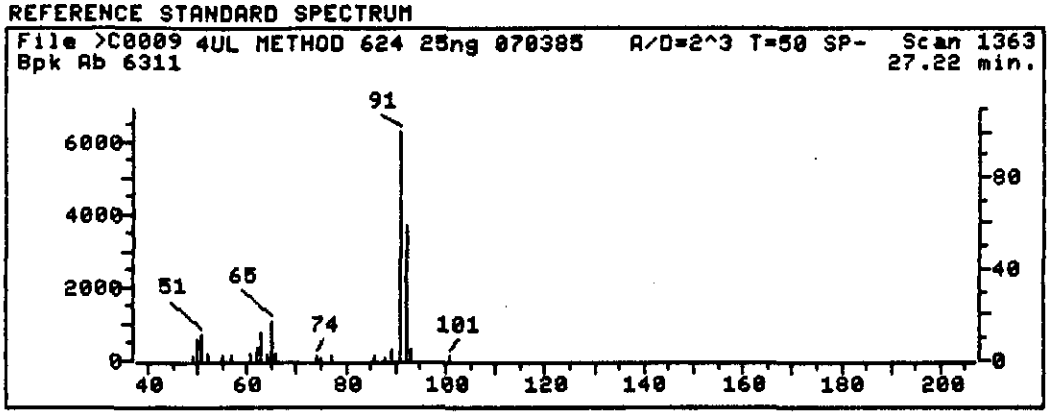


Data File: >A0967::D2 Quant Output File: ^A0967::M2
Name: B0660 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 23:03 Quant ID File: IDVOL5::M1
Injected at: 870526 22:09 Last Calibration: 870526 18:38

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 451
Retention Time: 36.42 min.
Quant Ion: 117.0
Area: 231738
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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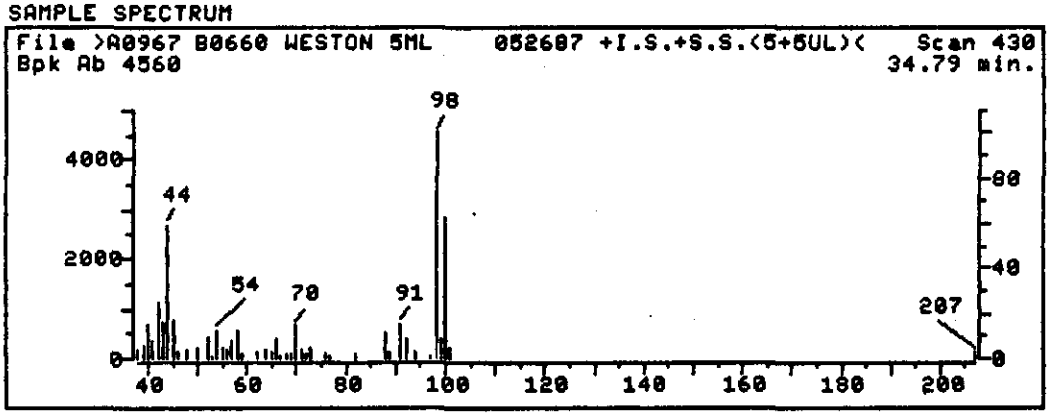
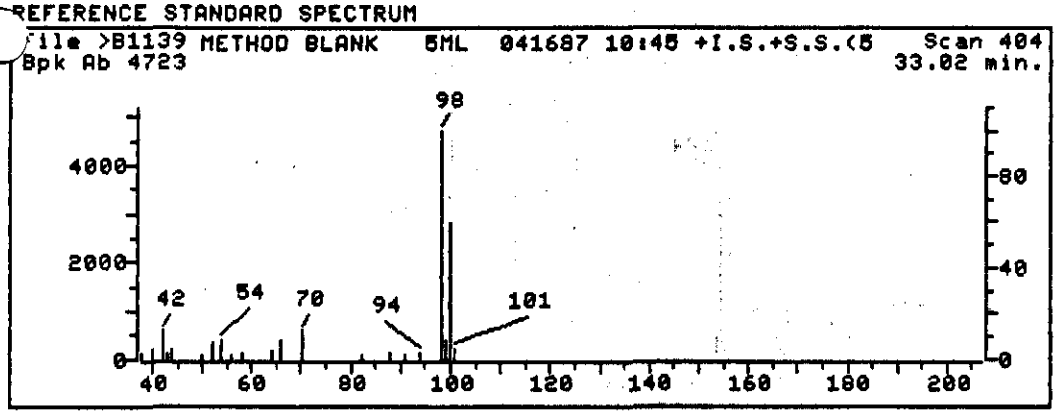


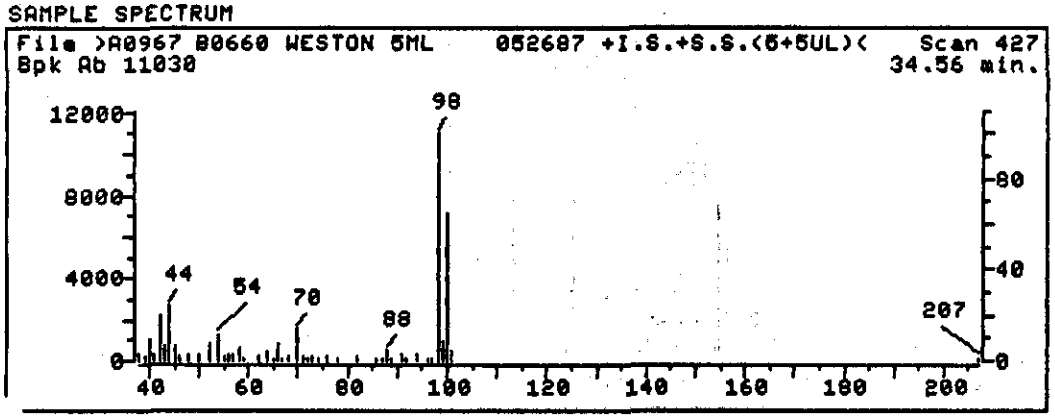
Data File: >A0967::D2 Quant Output File: ^A0967::M2
Name: B0660 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 23:03 Quant ID File: IDVOL5::M1
Injected at: 870526 22:09 Last Calibration: 870526 18:38

Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.79 min.
Quant Ion: 91.0
Area: 19489
Concentration: 1.60 UG/L
q-value: 90

REFERENCE STANDARD SPECTRUM



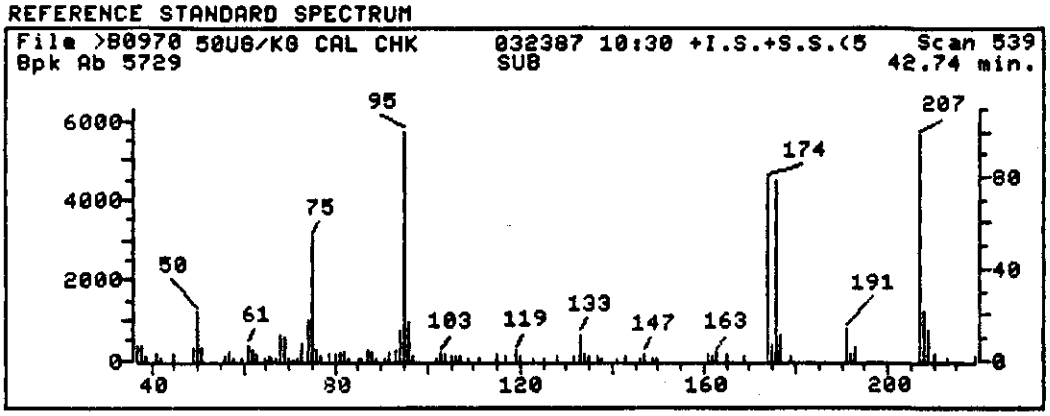
SAMPLE SPECTRUM



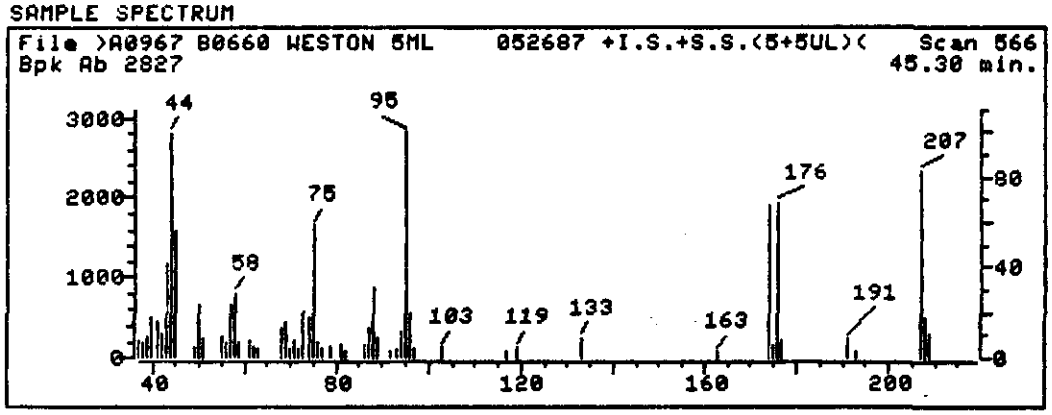
Data File: >A0967::D2 Quant Output File: ^A0967::M2
Name: B0660 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 23:03 Quant ID File: IDVOL5::M1
Injected at: 870526 22:09 Last Calibration: 870526 18:38

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 427
Retention Time: 34.56 min.
Quant Ion: 98.0
Area: 309370
Concentration: 50.38 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0967::D2 Quant Output File: ^A0967::M2
Name: B0660 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 23:03 Quant ID File: IDVOL5::M1
Injected at: 870526 22:09 Last Calibration: 870526 18:38

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 566
Retention Time: 45.30 min.
Quant Ion: 95.0
Area: 185044
Concentration: 47.08 UG/L
q-value: 100

#1

Sample Number
B0661

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >A0968::D2
Sample Matrix: WATER
Data release Authorized by: Richard W Lynch

Case No.: N/A
QC Report No.: 47
Contract No.: N/A
Date Sample Received: 22 MAY 87

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/26/87 23:09
Conc/Dil factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/l or ug/Kg (Circle One)		C.A.S. Number		ug/l or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
167-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	4.	B,J	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	37.		110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	2.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

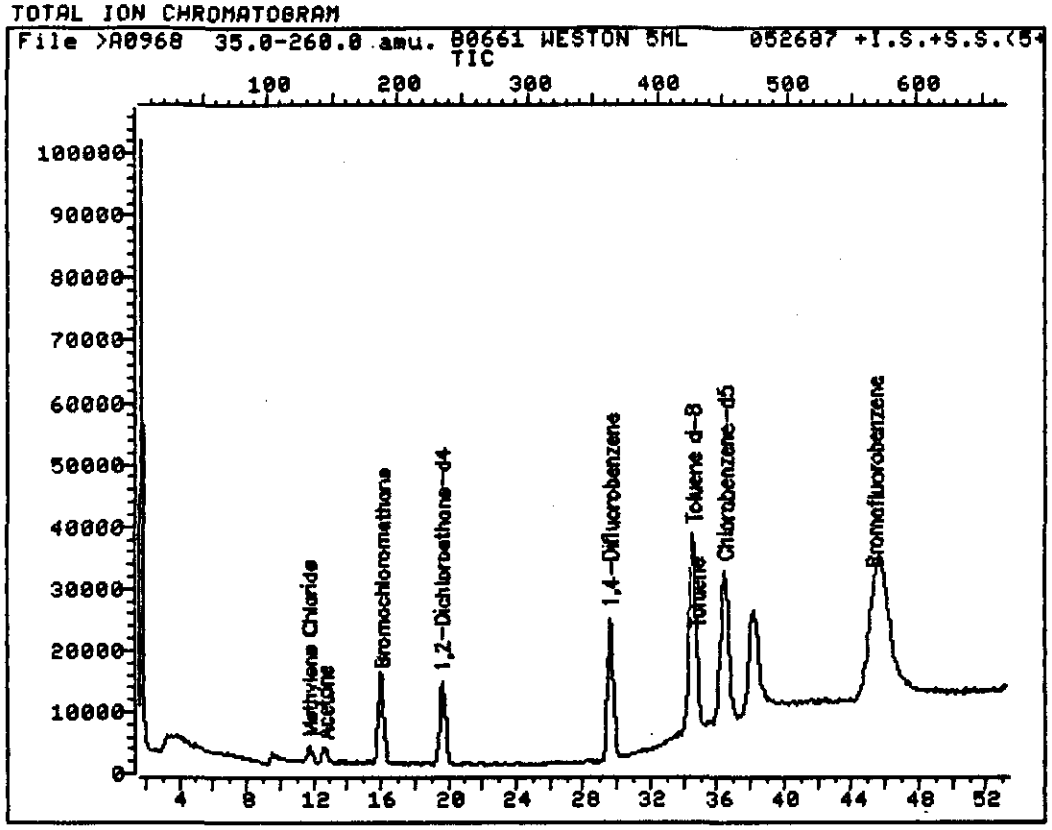
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

AR400164

TOTAL ION CHROMATOGRAM

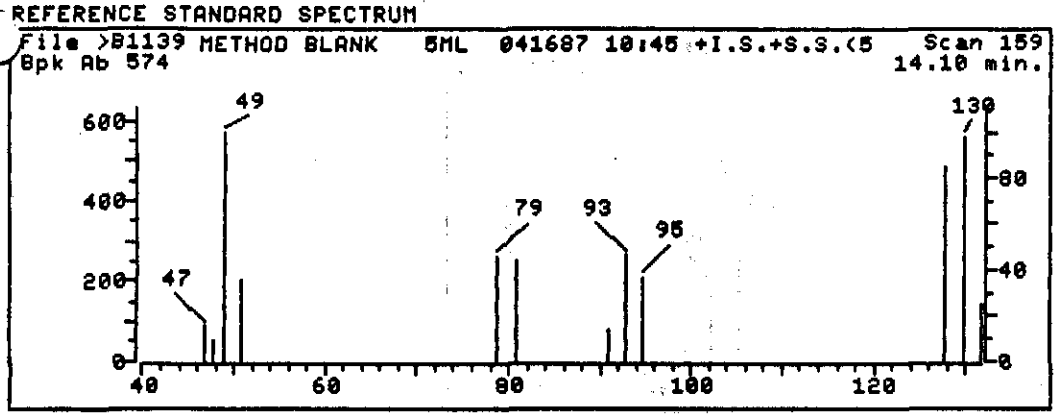


Data File: >A0968::D2 Quant Output File: ^A0968::M2
Name: B0661 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

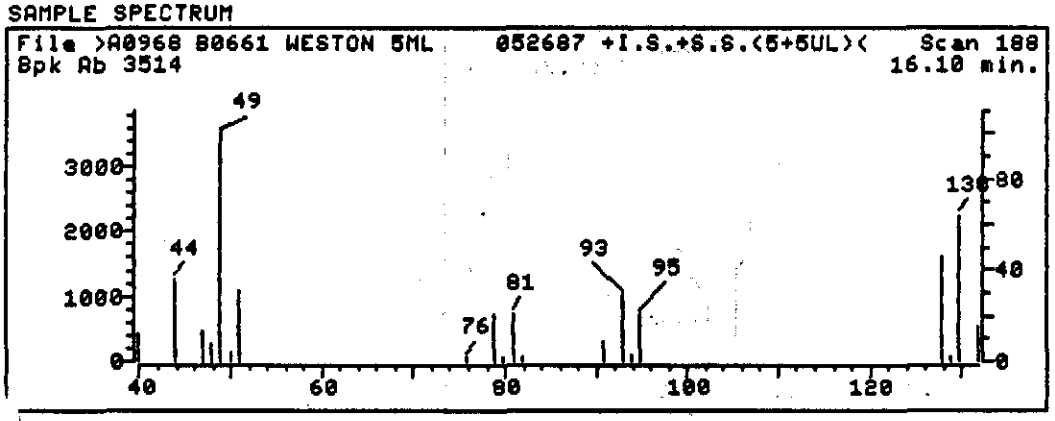
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870526 18:38

Operator ID: DT9093
Quant Time: 870527 00:03
Injected at: 870526 23:09

REFERENCE STANDARD SPECTRUM



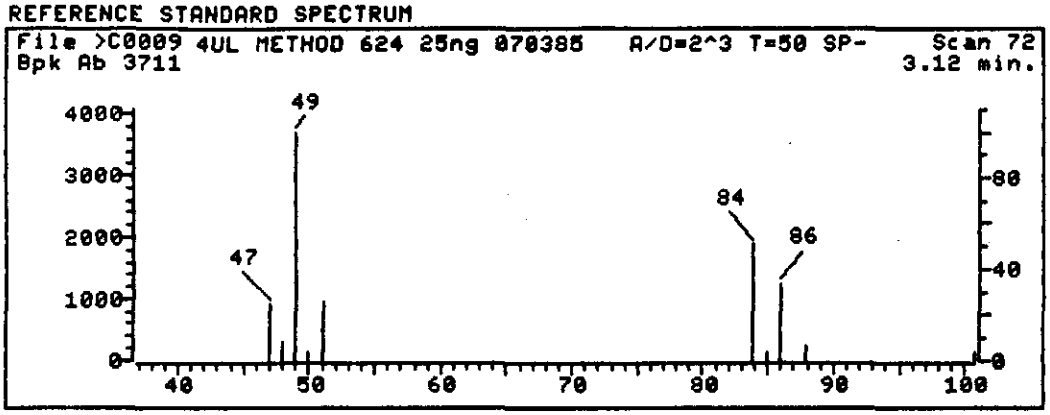
SAMPLE SPECTRUM



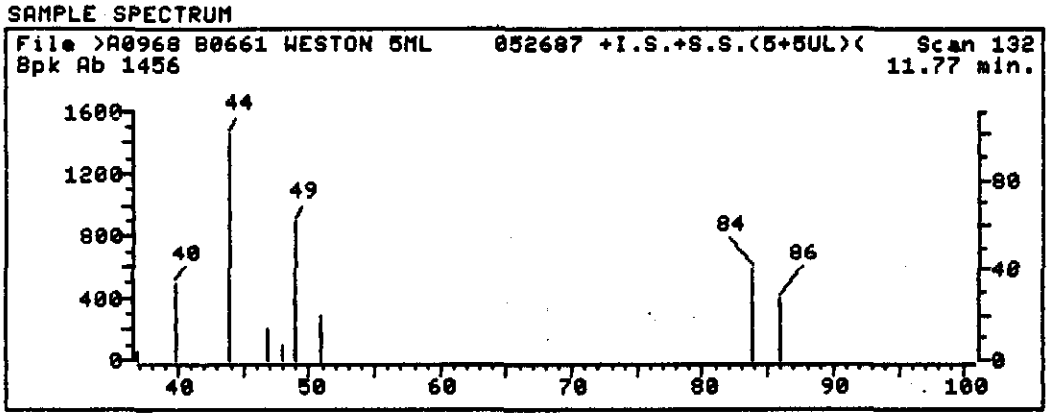
Data File: >A0968::D2 Quant Output File: ^A0968::M2
Name: B0661 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 00:03 Quant ID File: IDVOL5::M1
Injected at: 870526 23:09 Last Calibration: 870526 18:38

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 188
Retention Time: 16.10 min.
Quant Ion: 49.0
Area: 83856
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM

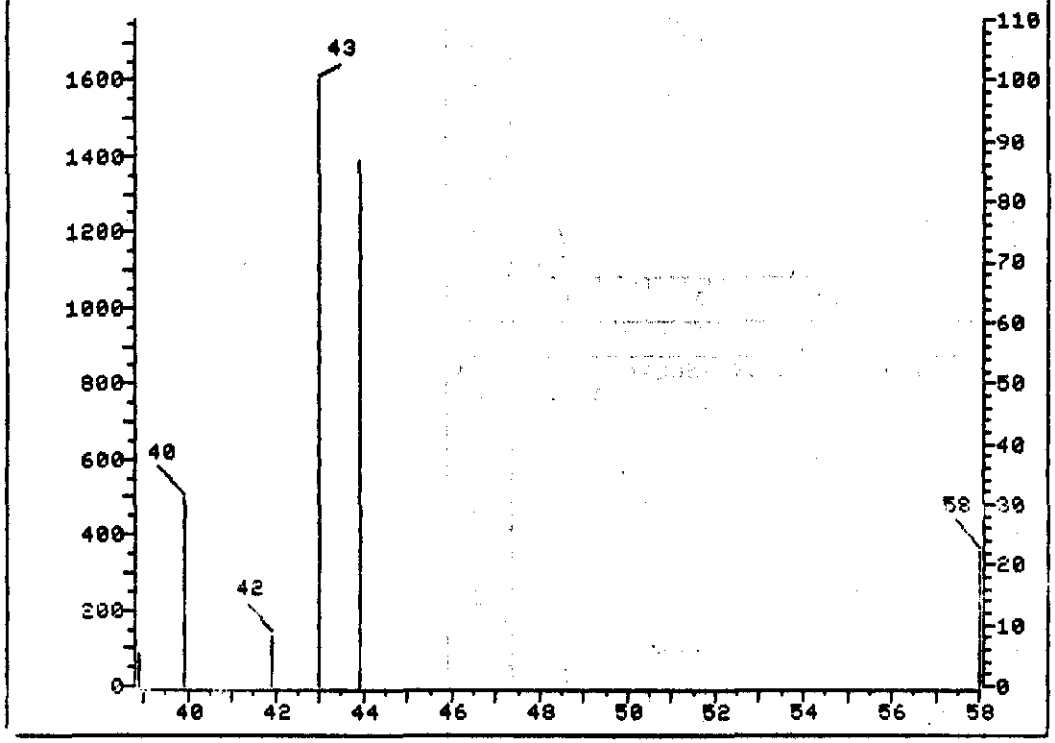


Data File: >A0968::D2 Quant Output File: ^A0968::M2
Name: B0661 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 00:03 Quant ID File: IDVOL5::M1
Injected at: 870526 23:09 Last Calibration: 870526 18:38

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 132
Retention Time: 11.77 min.
Quant Ion: 49.0
Area: 18095
Concentration: 4.17 UG/L
q-value: 76.

SAMPLE SPECTRUM

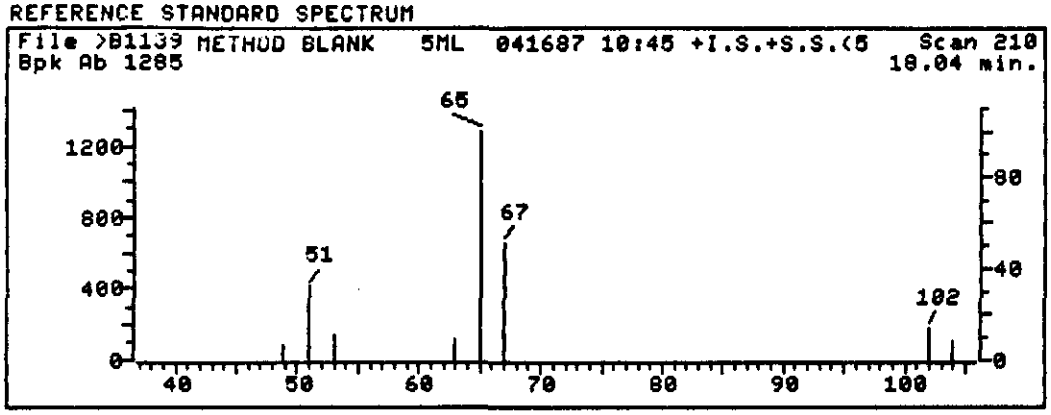
File >A0968 B0661 WESTON 5ML 052687 +I.S.+S.S.(5+5UL)(Scan 144
Bpk Ab 1600 12.70 min.



Data File: >A0968::D2 Quant Output File: ^A0968::M2
Name: B0661 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 00:03 Quant ID File: IDVOLS::M1
Injected at: 870526 23:09 Last Calibration: 870526 18:38

Compound No: 10
Compound Name: Acetone
Scan Number: 144
Retention Time: 12.70 min.
Quant Ion: 43.0
Area: 36227
Concentration: 36.66 UG/L
q-value: 95

REFERENCE STANDARD SPECTRUM



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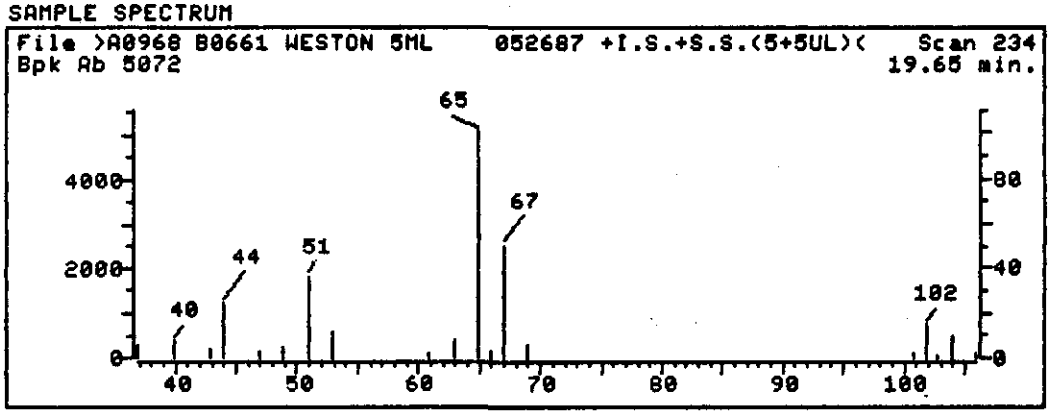
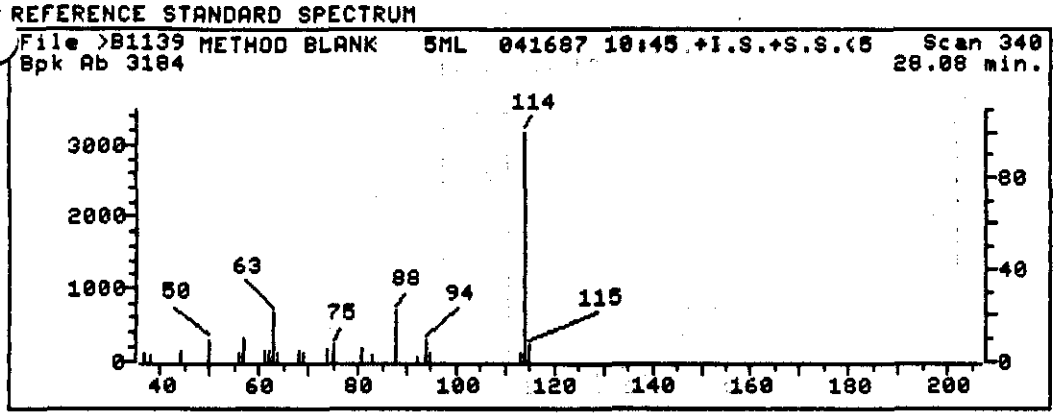


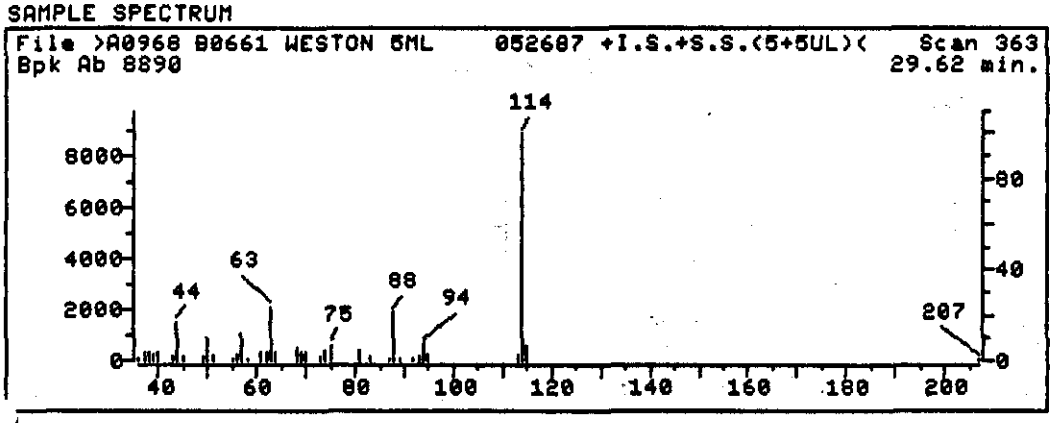
Data File: >A0968::D2 Quant Output File: ^A0968::M2
Name: B0661 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 00:03 Quant ID File: IDVOL5::M1
Injected at: 870526 23:09 Last Calibration: 870526 18:38

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.65 min.
Quant Ion: 65.0
Area: 118593
Concentration: 50.31 UG/L
q-value: 97

REFERENCE STANDARD SPECTRUM



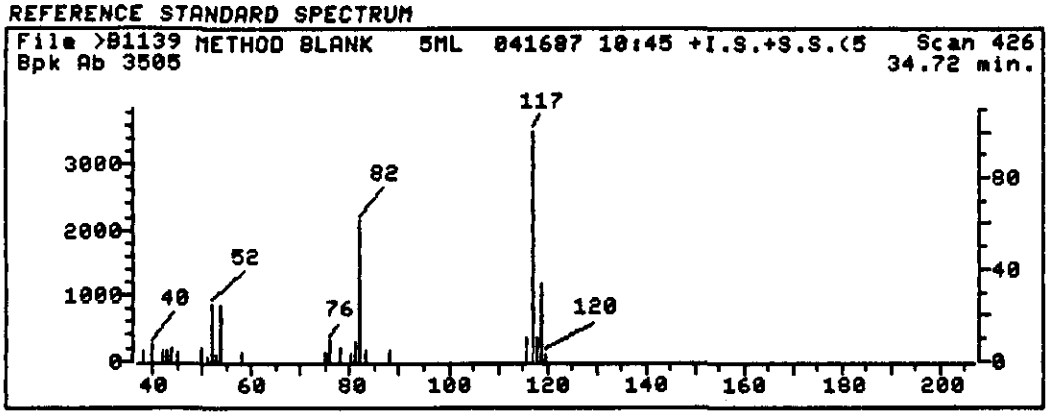
SAMPLE SPECTRUM



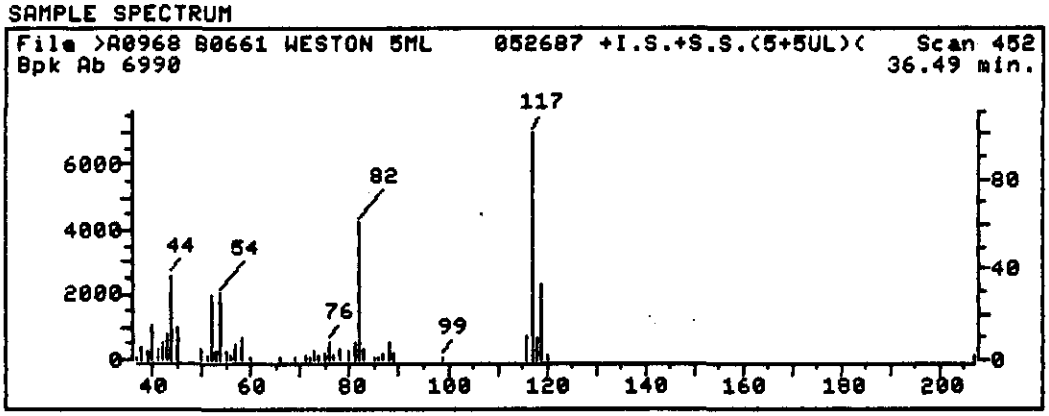
Data File: >A0968::D2 Quant Output File: ^A0968::M2
Name: B0661 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 00:03 Quant ID File: IDVOL5::M1
Injected at: 870526 23:09 Last Calibration: 870526 18:38

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.62 min.
Quant Ion: 114.0
Area: 211639
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



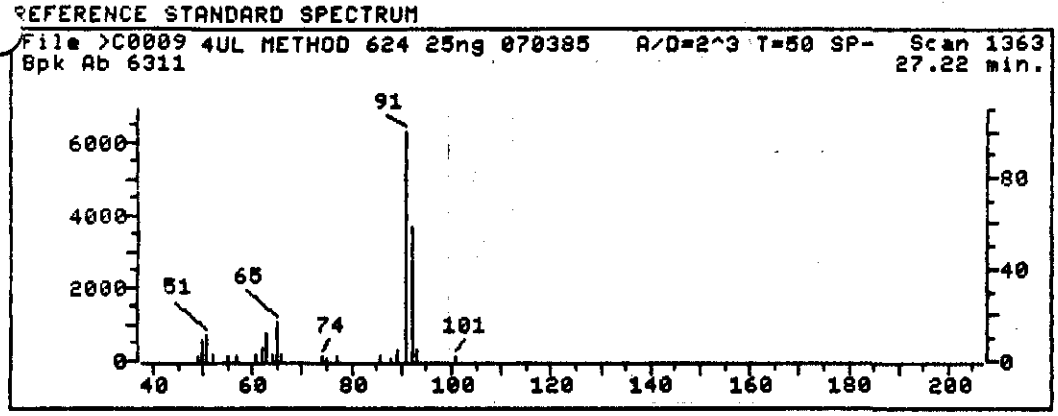
SAMPLE SPECTRUM



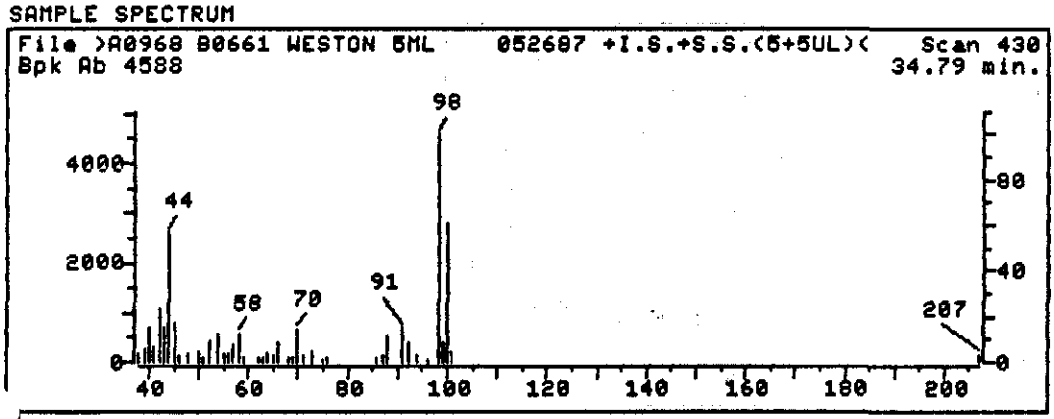
Data File: >A0968::D2 Quant Output File: ^A0968::M2
Name: B0661 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 00:03 Quant ID File: IDVOL5::M1
Injected at: 870526 23:09 Last Calibration: 870526 18:38

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 452
Retention Time: 36.49 min.
Quant Ion: 117.0
Area: 232687
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM

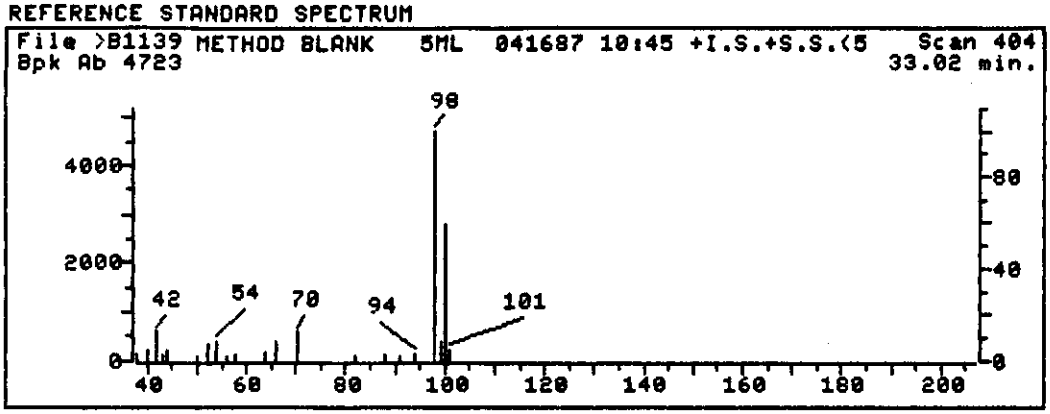


Data File: >A0968::D2 Quant Output File: ^A0968::M2
Name: B0661 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 00:03 Quant ID File: IDVOL5::M1
Injected at: 870526 23:09 Last Calibration: 870526 18:38

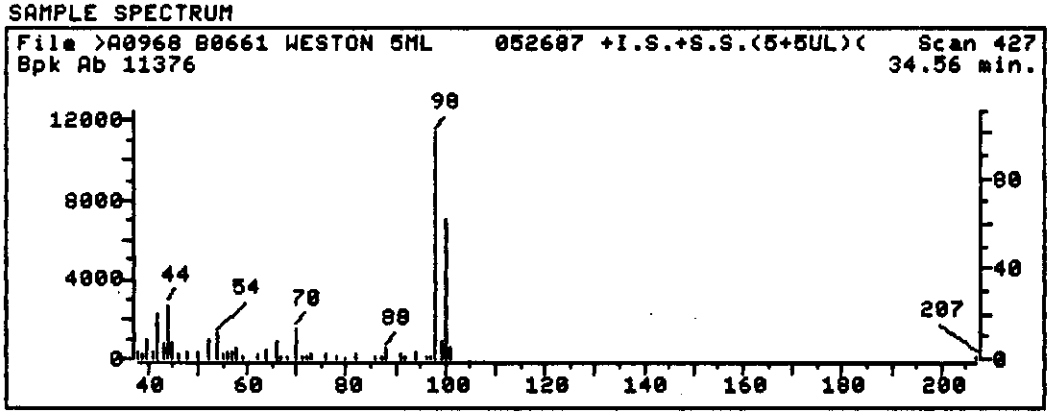
Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.79 min.
Quant Ion: 91.0
Area: 19026
Concentration: 1.56 UG/L
q-value: 95.

AR400172

REFERENCE STANDARD SPECTRUM



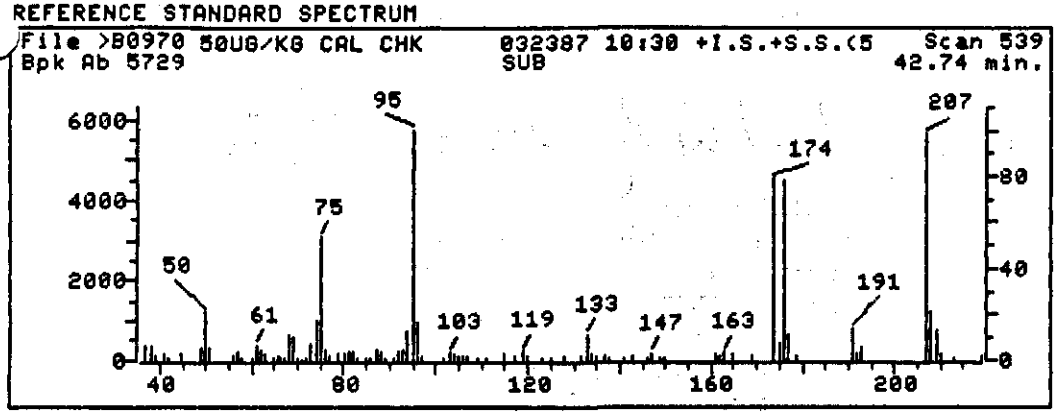
SAMPLE SPECTRUM



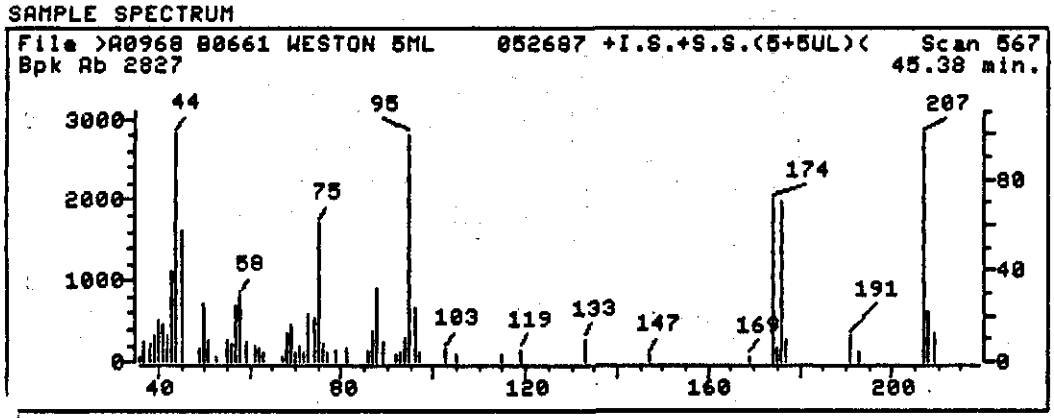
Data File: >A0968::D2 Quant Output File: ^A0968::M2
Name: B0661 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 00:03 Quant ID File: IDVOL5::M1
Injected at: 870526 23:09 Last Calibration: 870526 18:38

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 427
Retention Time: 34.56 min.
Quant Ion: 98.0
Area: 310591
Concentration: 50.38 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0968::D2 Quant Output File: ^A0968::M2
Name: B0661 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 00:03 Quant ID File: IDVOL5::M1
Injected at: 870526 23:09 Last Calibration: 870526 18:38

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 567
Retention Time: 45.38 min.
Quant Ion: 95.0
Area: 182789
Concentration: 46.31 UG/L
q-value: 100

#20

Sample Number
B0662

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >A0969::D2
Sample Matrix: WATER
Data release Authorized by: Richard W Lyon

Case No.: N/A
QC Report No.: 47
Contract No.: N/A
Date Sample Received: 22 MAY 87

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/27/87 00:09
Conc/Dil factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/l or ug/Kg (Circle One)		C.A.S. Number		ug/l or ug/Kg (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
167-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	3.	B,J	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	17.		110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-06-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	2.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

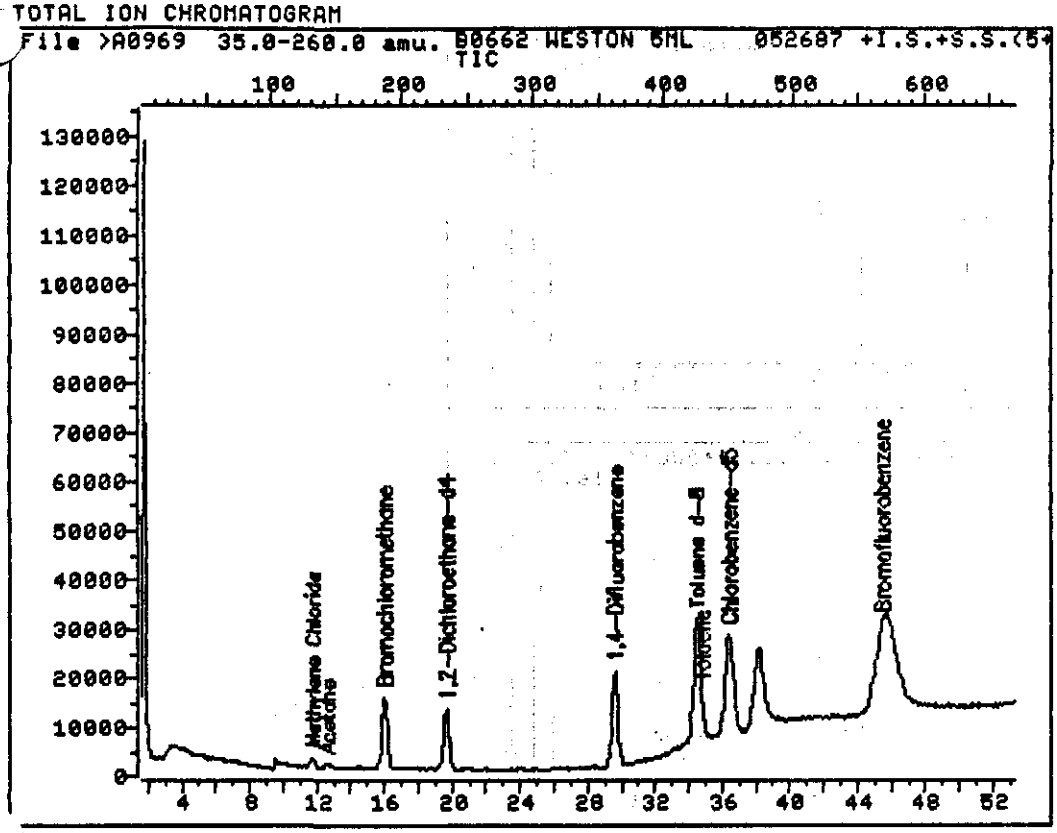
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

AR400175

TOTAL ION CHROMATOGRAM

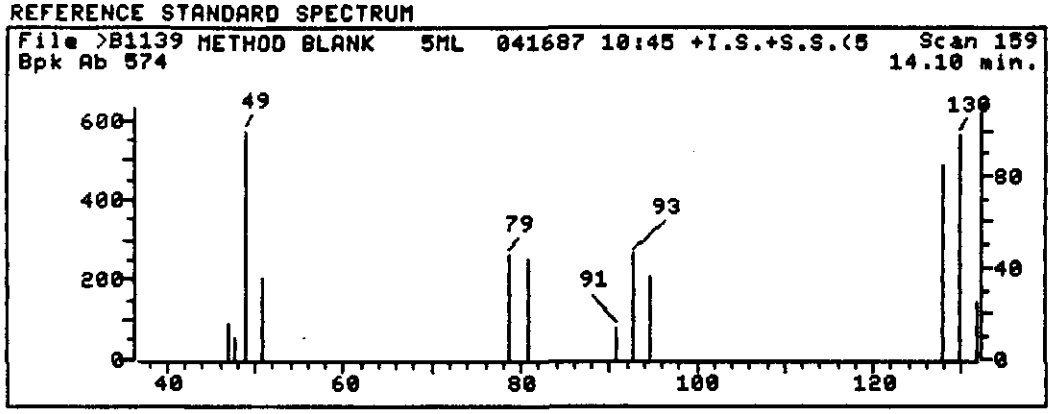


Data File: >A0969::D2 Quant Output File: ^A0969::M2
Name: B0662 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

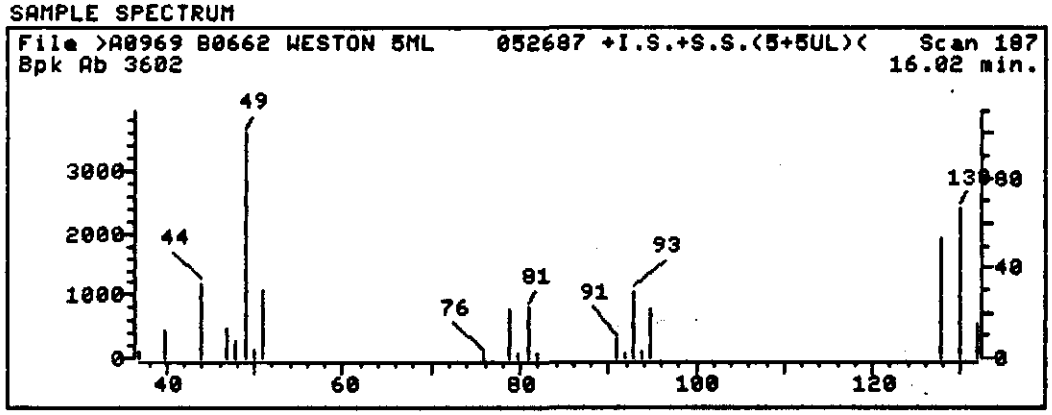
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870526 18:38

Operator ID: DT9093
Quant Time: 870527 01:03
Injected at: 870527 00:09

REFERENCE STANDARD SPECTRUM



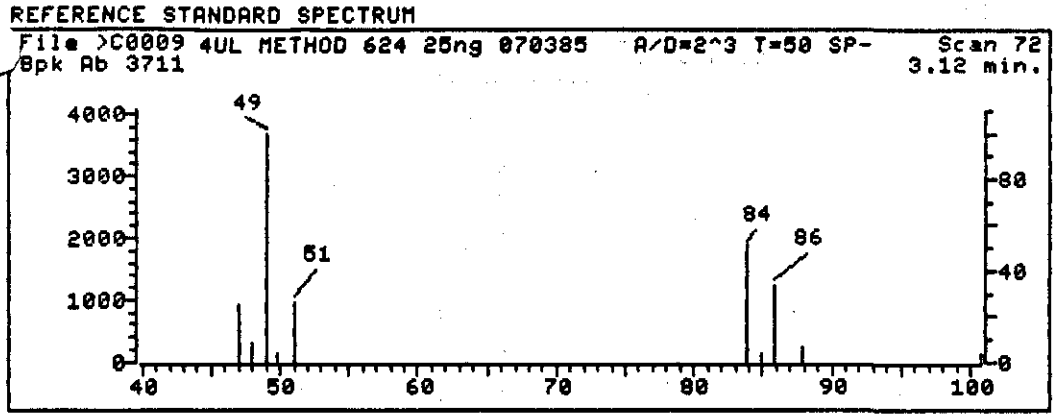
SAMPLE SPECTRUM



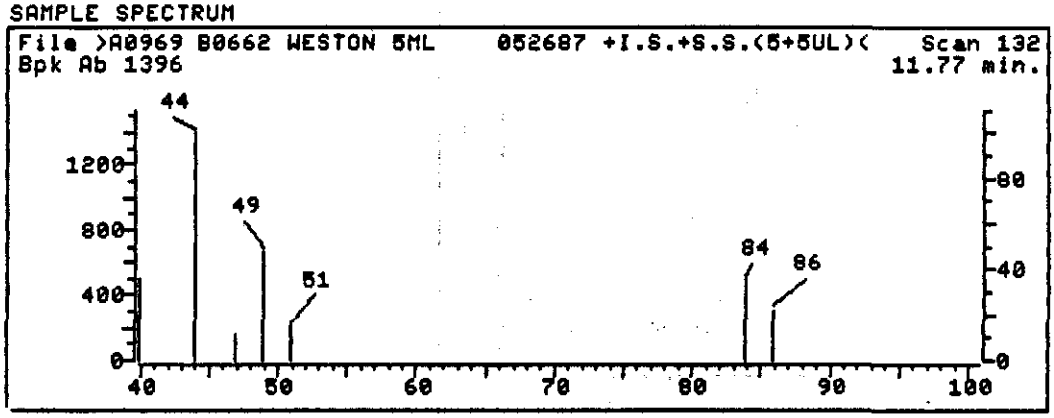
Data File: >A0969::D2 Quant Output File: ^A0969::M2
Name: B0662 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 01:03 Quant ID File: IDVOL5::M1
Injected at: 870527 00:09 Last Calibration: 870526 18:38

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 187
Retention Time: 16.02 min.
Quant Ion: 49.0
Area: 79775
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



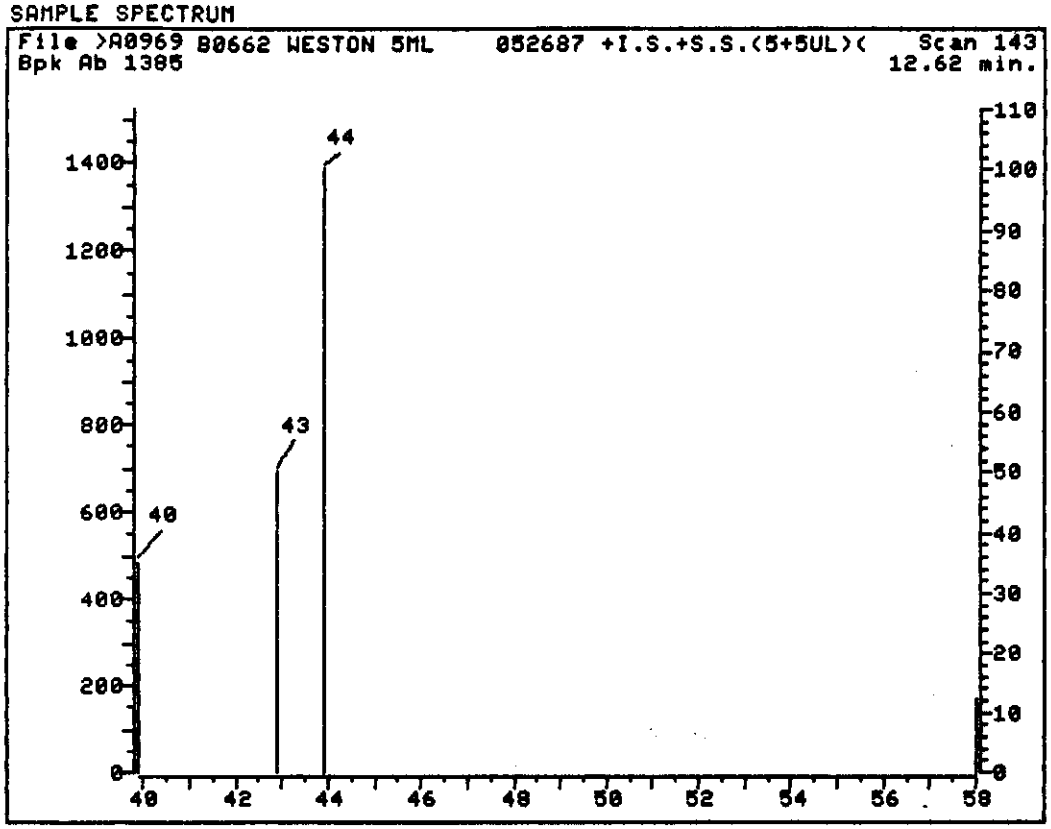
SAMPLE SPECTRUM



Data File: >A0969::D2 Quant Output File: ^A0969::M2
Name: B0662 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 01:03 Quant ID File: IDVOL5::M1
Injected at: 870527 00:09 Last Calibration: 870526 18:38

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 132
Retention Time: 11.77 min.
Quant Ion: 49.0
Area: 14289
Concentration: 3.46 UG/L
q-value: 66

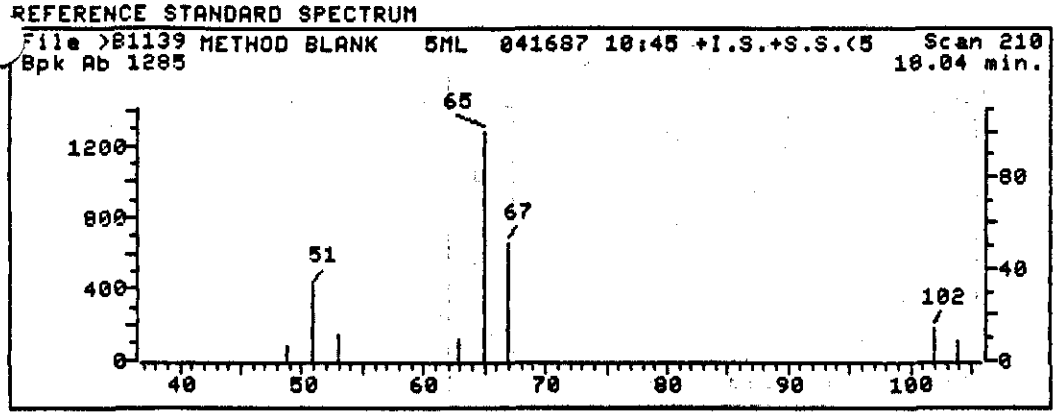
SAMPLE SPECTRUM



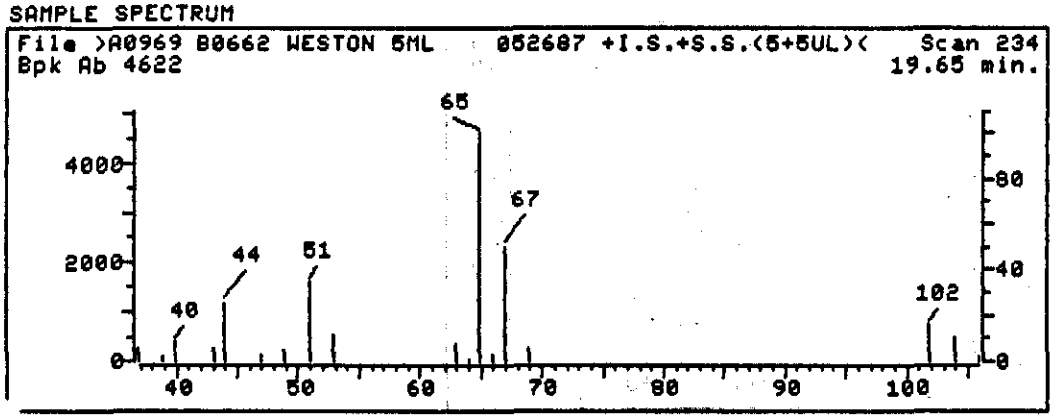
Data File: >A0969::D2 Quant Output File: ^A0969::M2
Name: B0662 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 01:03 Quant ID File: IDVOL5::M1
Injected at: 870527 00:09 Last Calibration: 870526 18:38

Compound No: 10
Compound Name: Acetone
Scan Number: 143
Retention Time: 12.62 min.
Quant Ion: 43.0
Area: 15972
Concentration: 16.99 UG/L
q-value: 90

REFERENCE STANDARD SPECTRUM



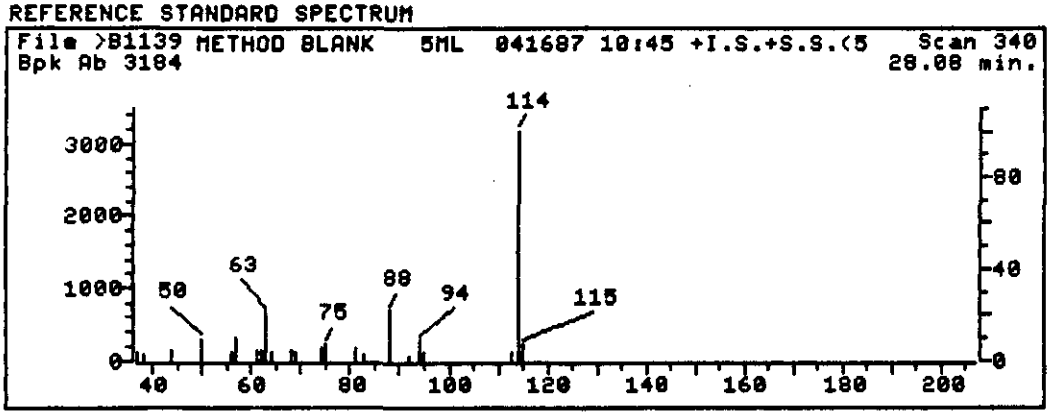
SAMPLE SPECTRUM



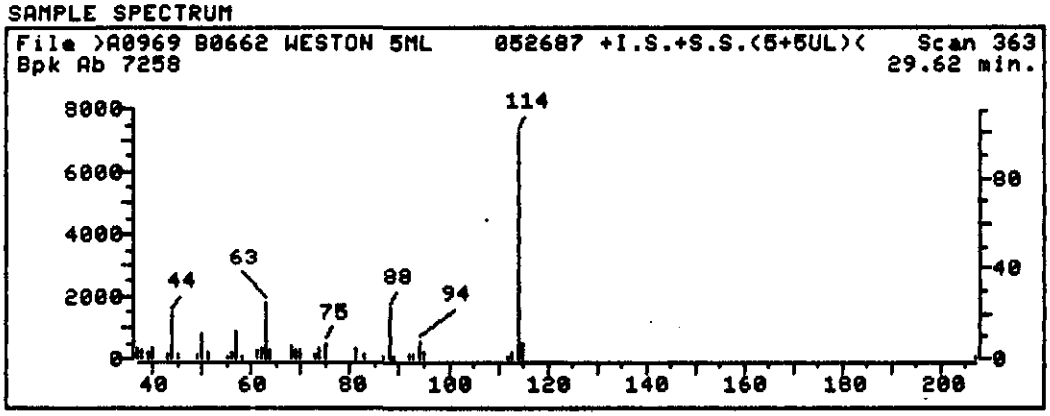
Data File: >A0969::D2 Quant Output File: ^A0969::M2
Name: B0662 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 01:03 Quant ID File: IDVOL5::M1
Injected at: 870527 00:09 Last Calibration: 870526 18:38

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.65 min.
Quant Ion: 65.0
Area: 108077
Concentration: 48.19 UG/L
q-value: 97

REFERENCE STANDARD SPECTRUM



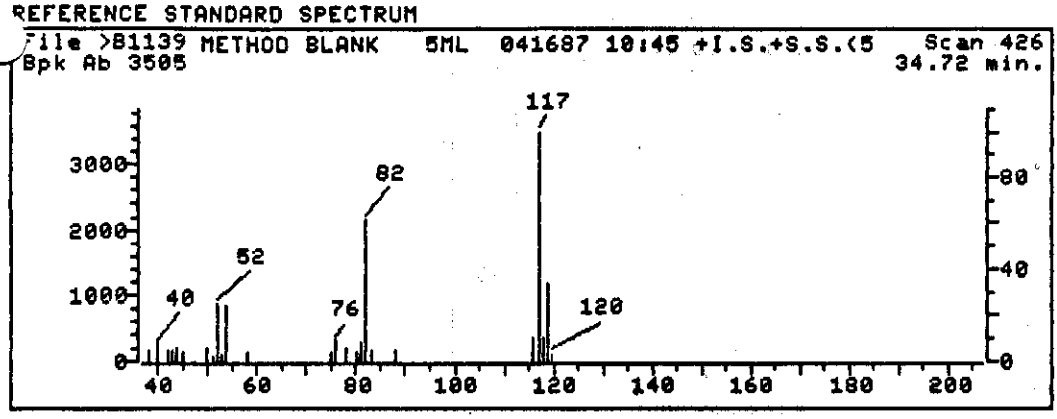
SAMPLE SPECTRUM



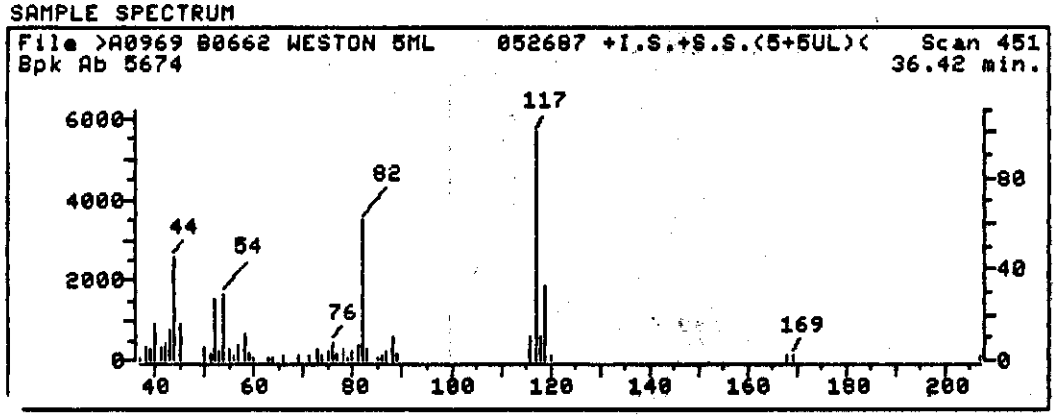
Data File: >A0969::D2 Quant Output File: ^A0969::M2
Name: B0662 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 01:03 Quant ID File: IDVOL5::M1
Injected at: 870527 00:09 Last Calibration: 870526 18:38

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.62 min.
Quant Ion: 114.0
Area: 174617
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



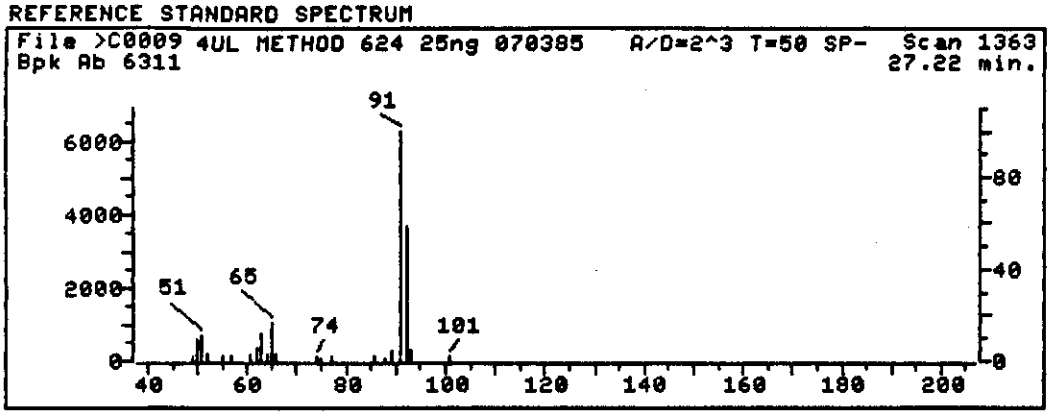
SAMPLE SPECTRUM



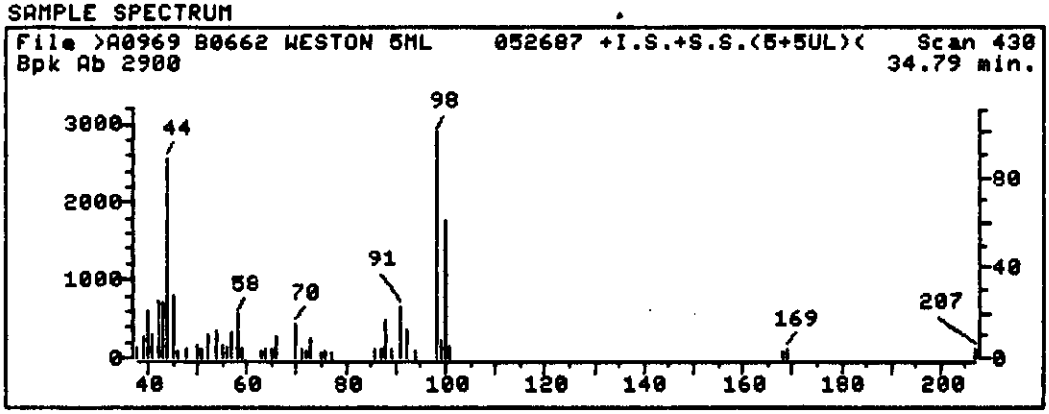
Data File: >A0969::D2 Quant Output File: ^A0969::M2
Name: B0662 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 01:03 Quant ID File: IDVOL5::M1
Injected at: 870527 00:09 Last Calibration: 870526 18:38

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 451
Retention Time: 36.42 min.
Quant Ion: 117.0
Area: 189258
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



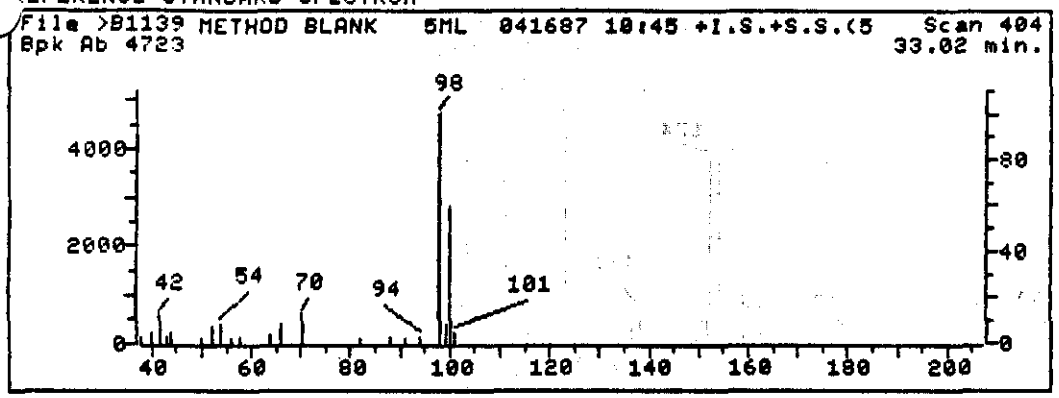
SAMPLE SPECTRUM



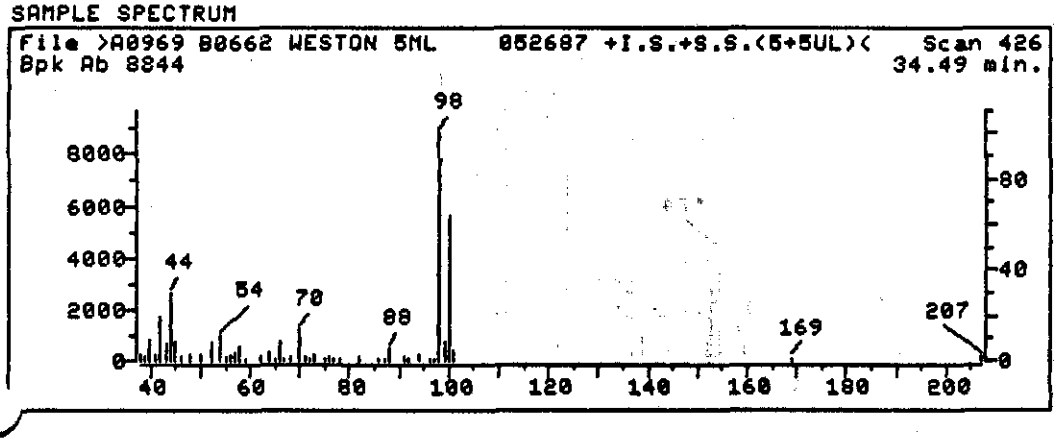
Data File: >A0969::D2 Quant Output File: ^A0969::M2
Name: B0662 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 01:03 Quant ID File: IDVOL5::M1
Injected at: 870527 00:09 Last Calibration: 870526 18:38

Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.79 min.
Quant Ion: 91.0
Area: 18572
Concentration: 1.87 UG/L
q-value: 91

REFERENCE STANDARD SPECTRUM



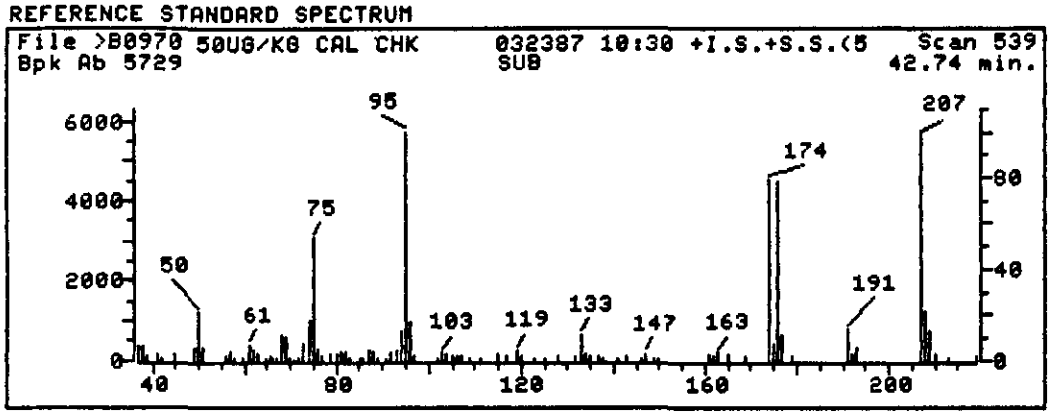
SAMPLE SPECTRUM



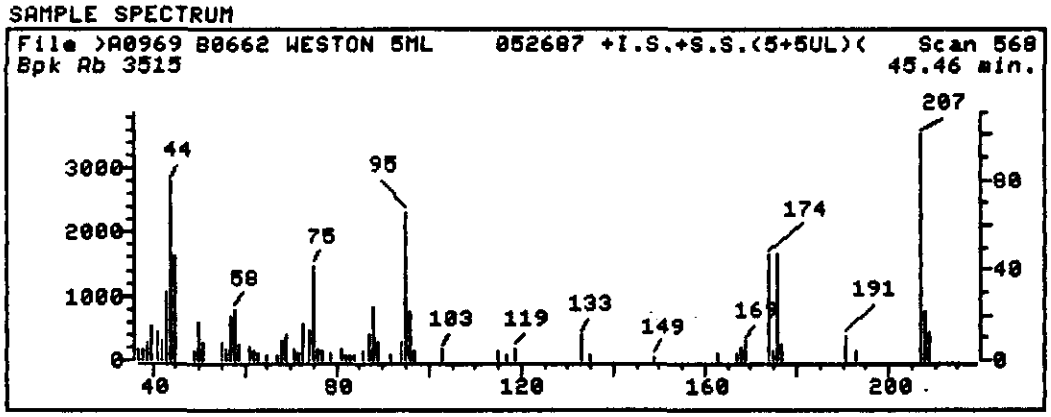
Data File: >A0969::D2 Quant Output File: ^A0969::M2
Name: B0662 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 01:03 Quant ID File: IDVOL5::M1
Injected at: 870527 00:09 Last Calibration: 870526 18:38

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 426
Retention Time: 34.49 min.
Quant Ion: 98.0
Area: 248175
Concentration: 49.49 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0969::D2 Quant Output File: ^A0969::M2
Name: B0662 WESTON 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 01:03 Quant ID File: IDVOL5::M1
Injected at: 870527 00:09 Last Calibration: 870526 18:38

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 568
Retention Time: 45.46 min.
Quant Ion: 95.0
Area: 153759
Concentration: 47.90 UG/L
q-value: 100

#21

Sample Number
30663

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: A0974::D2
Sample Matrix: WATER
Date release Authorized by: Richard W Lynch

Case No.: N/A
QC Report No.: 42
Contract No.: N/A
Date Sample Received: 22 MAY 87

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/27/87 11:41
Conc/Dil factor: 1 pH : N/A
Percent Moisture: (Not Decanted) N/A

C.A.S. Number		ug/L or ug/Kg (Circle One)		C.A.S. Number		ug/L or ug/Kg (Circle One)	
[illegible]	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
[illegible]-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
107-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-8	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	2.	B,J	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	9.	B,J	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-06-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	2.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

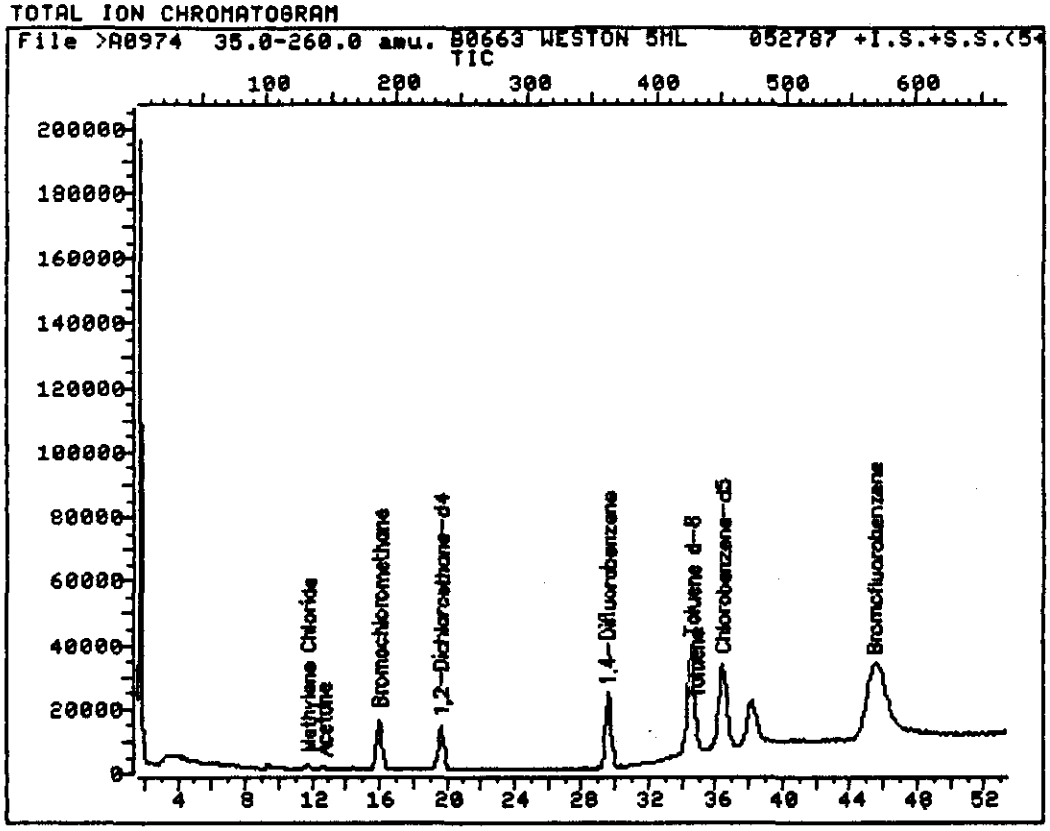
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

AR400186

TOTAL ION CHROMATOGRAM

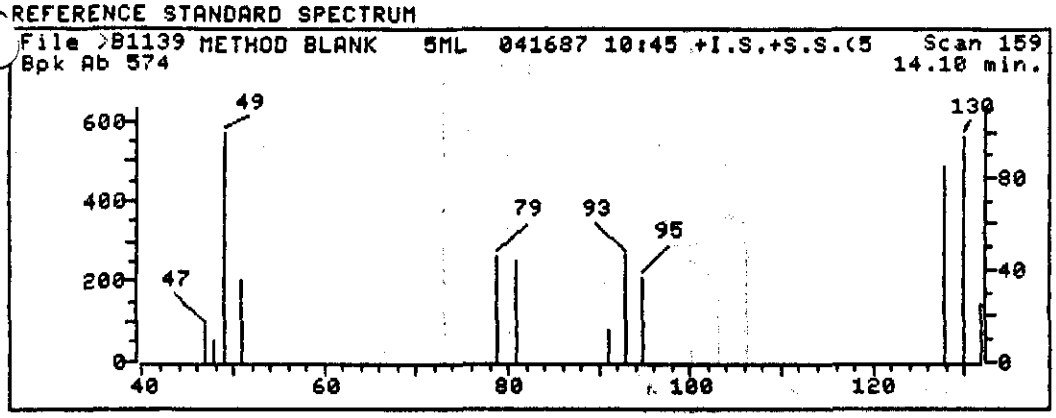


Data File: >A0974::D2 Quant Output File: ^A0974::M2
Name: B0663 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

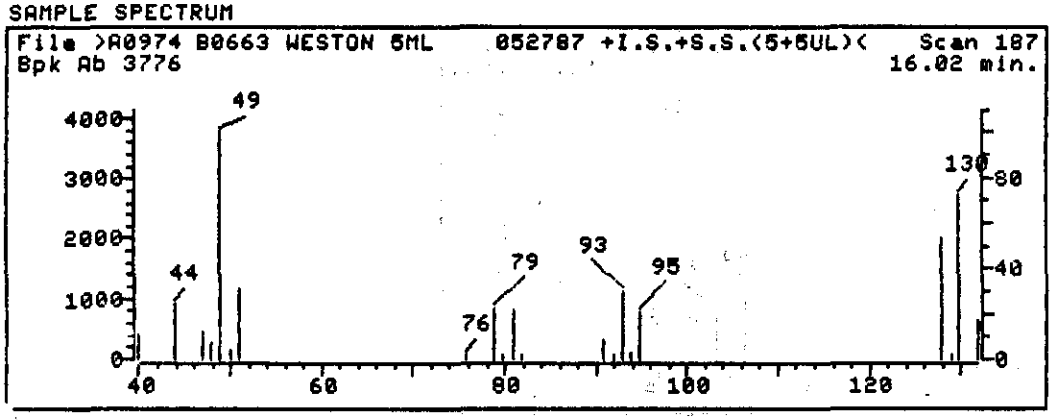
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870527 10:37

Operator ID: DT9093
Quant Time: 870527 12:35
Injected at: 870527 11:41

REFERENCE STANDARD SPECTRUM



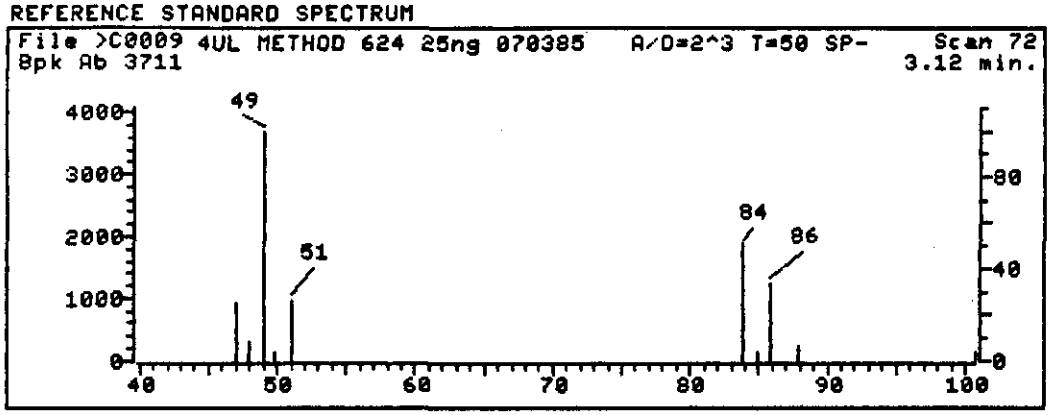
SAMPLE SPECTRUM



Data File: >A0974::D2 Quant Output File: ^A0974::M2
Name: B0663 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 12:35 Quant ID File: IDVOL5::M1
Injected at: 870527 11:41 Last Calibration: 870527 10:37

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 187
Retention Time: 16.02 min.
Quant Ion: 49.0
Area: 86075
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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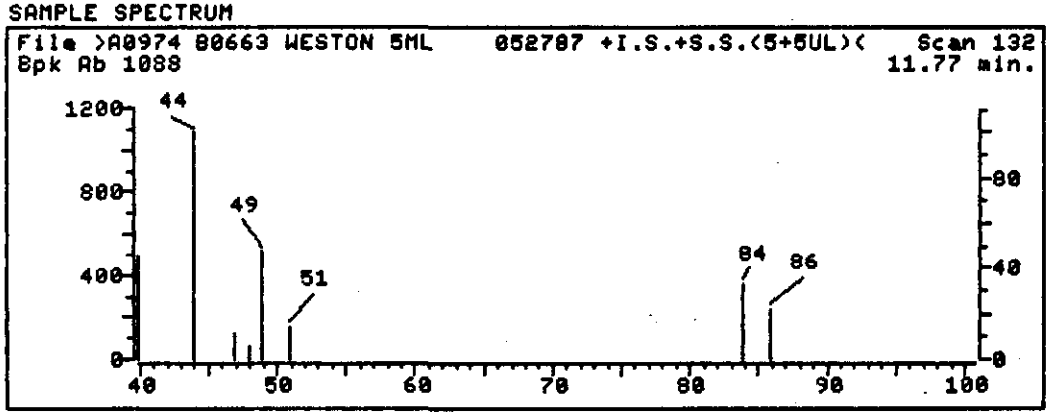

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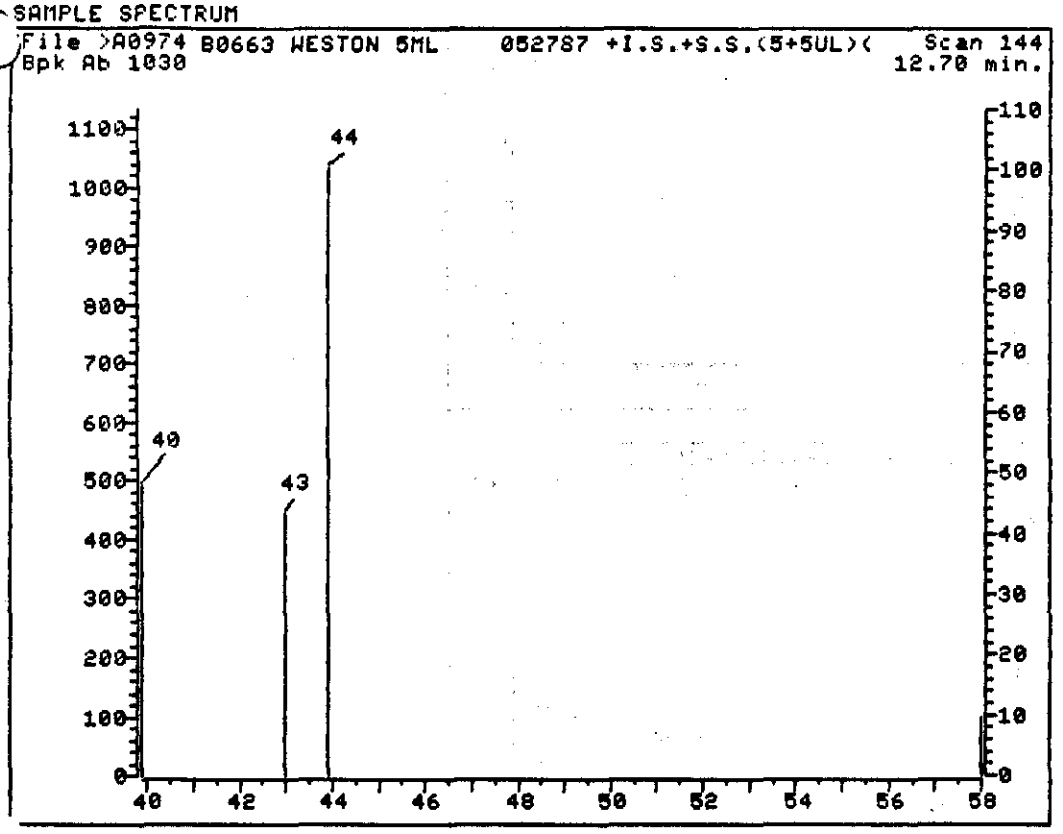
Name: B0663 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 12:35 Quant ID File: IDVOL5::M1
Injected at: 870527 11:41 Last Calibration: 870527 10:37

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 132
Retention Time: 11.77 min.
Quant Ion: 49.0
Area: 10438
Concentration: 2.20 UG/L
q-value: 71

SAMPLE SPECTRUM



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Name: B0663 WESTON 5ML
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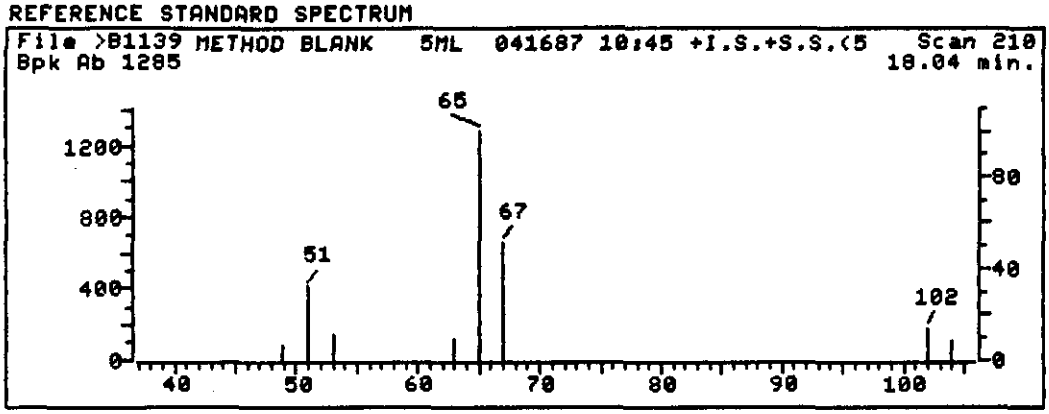
Quant Time: 870527 12:35 Quant ID File: IDVOL5::M1
Injected at: 870527 11:41 Last Calibration: 870527 10:37

Compound No: 10
Compound Name: Acetone
Scan Number: 144
Retention Time: 12.70 min.
Quant Ion: 43.0
Area: 10382
Concentration: 9.08 UG/L
q-value: 94

REFERENCE STANDARD SPECTRUM



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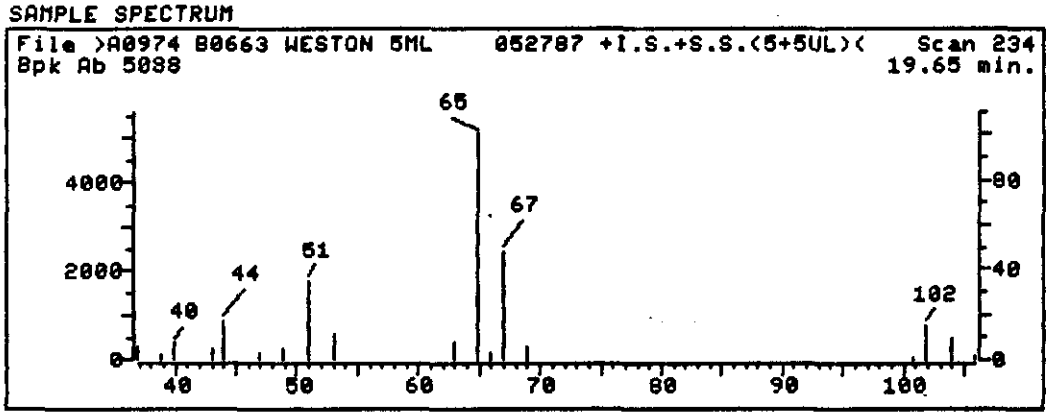

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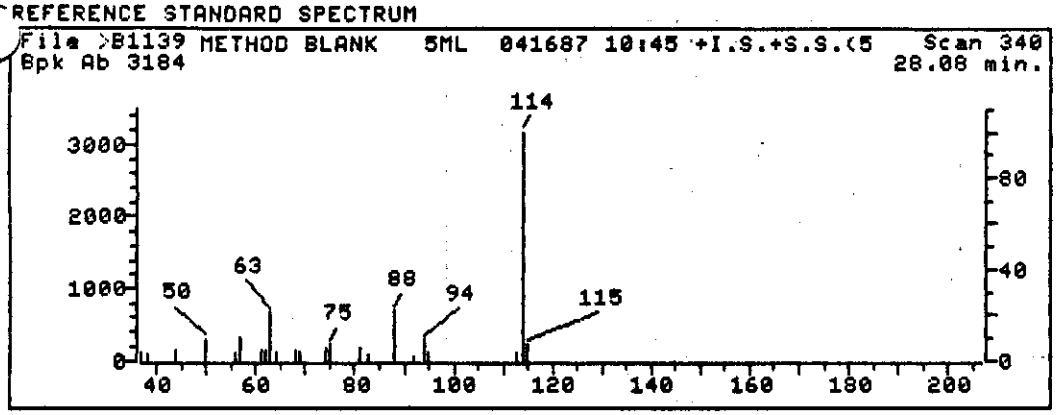
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 12:35 Quant ID File: IDVOL5::M1
Injected at: 870527 11:41 Last Calibration: 870527 10:37

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.65 min.
Quant Ion: 65.0
Area: 117540
Concentration: 48.92 UG/L
q-value: 99

REFERENCE STANDARD SPECTRUM



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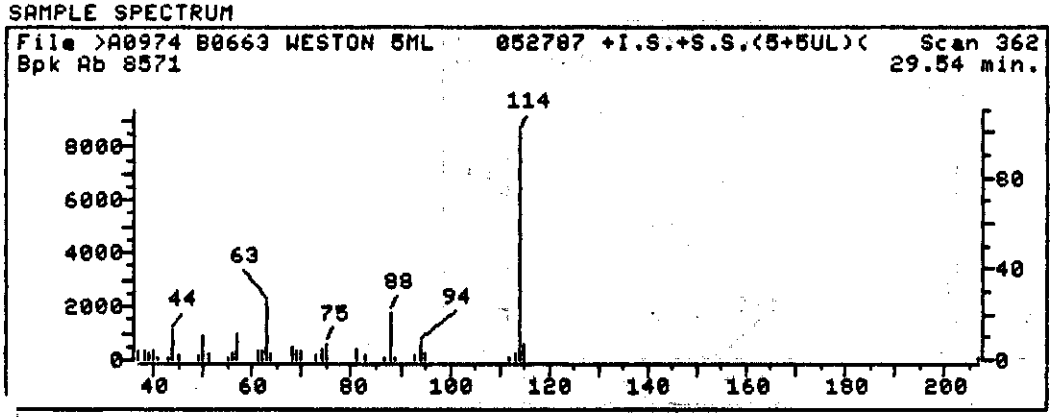

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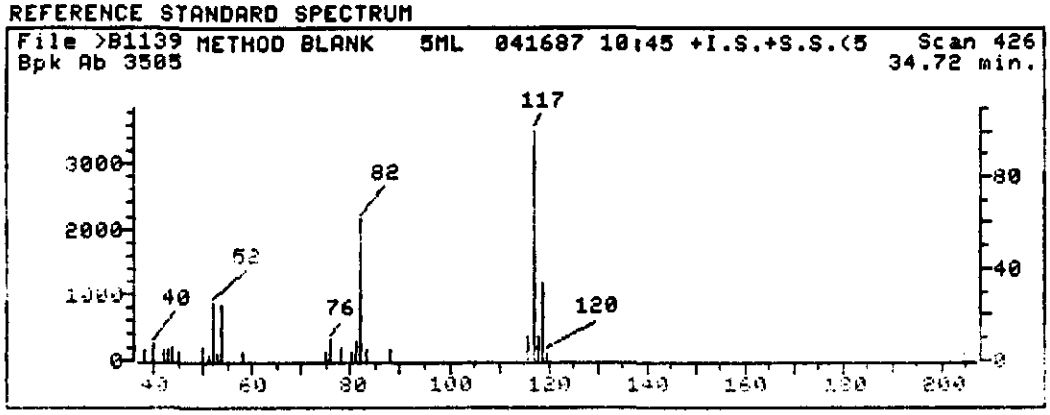
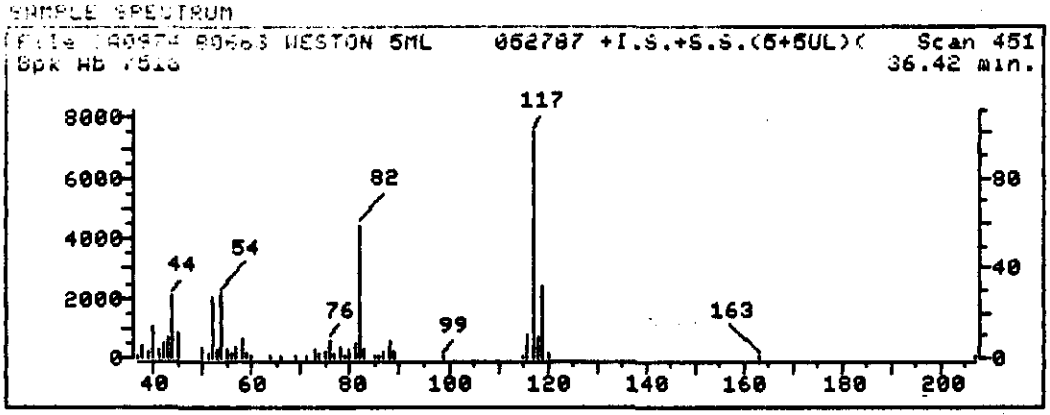
Name: B0663 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 12:35 Quant ID File: IDVOL5::M1
Injected at: 870527 11:41 Last Calibration: 870527 10:37

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 362
Retention Time: 29.54 min.
Quant Ion: 114.0
Area: 211383
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



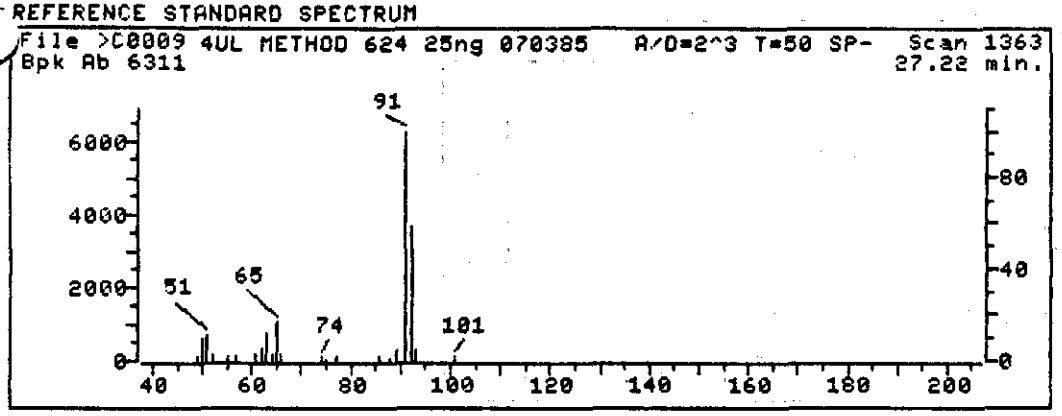
SAMPLE SPECTRUM



Data File: >A0974::D2 Quant Output File: ^A0974::M2
Name: B0663 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 12:35 Quant ID File: IDVOL5::M1
Injected at: 870527 11:41 Last Calibration: 870527 10:37

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 451
Retention Time: 36.42 min.
Quant Ion: 117.0
Area: 247792
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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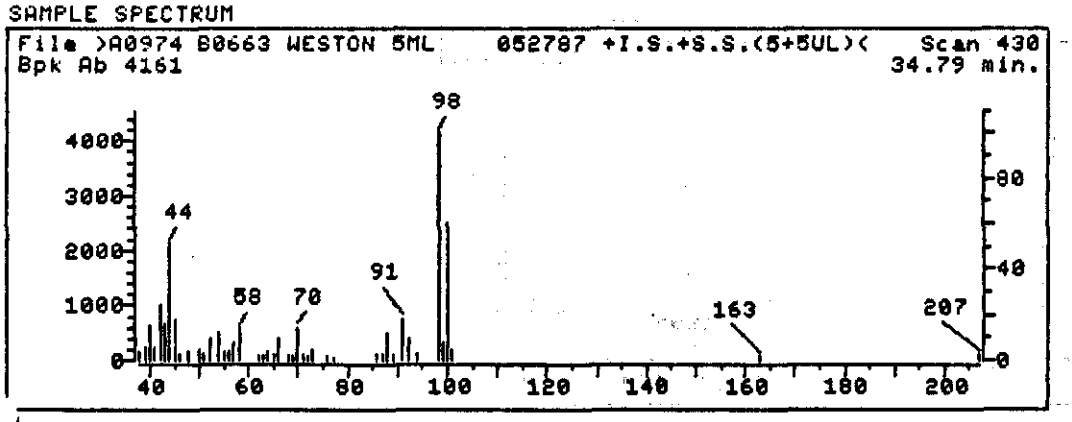
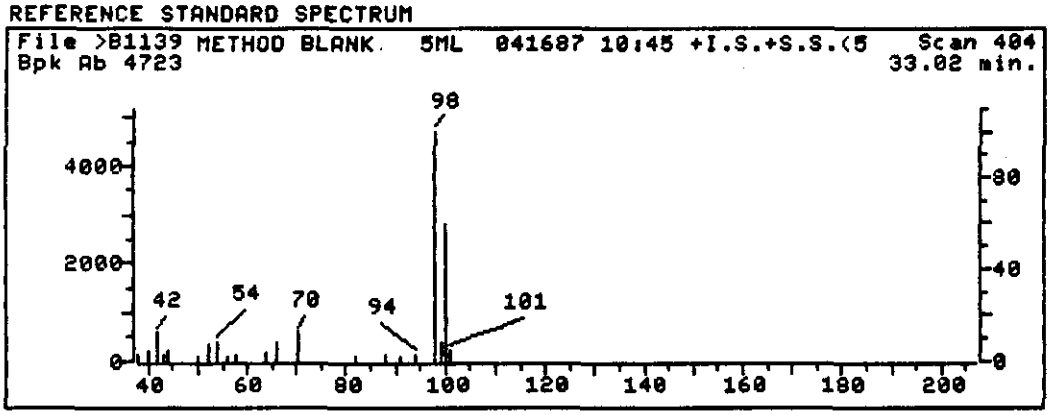


Data File: >A0974::D2 Quant Output File: ^A0974::M2
Name: B0663 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 12:35 Quant ID File: IDVOL5::M1
Injected at: 870527 11:41 Last Calibration: 870527 10:37

Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.79 min.
Quant Ion: 91.0
Area: 21028
Concentration: 1.61 UG/L
q-value: 91

REFERENCE STANDARD SPECTRUM



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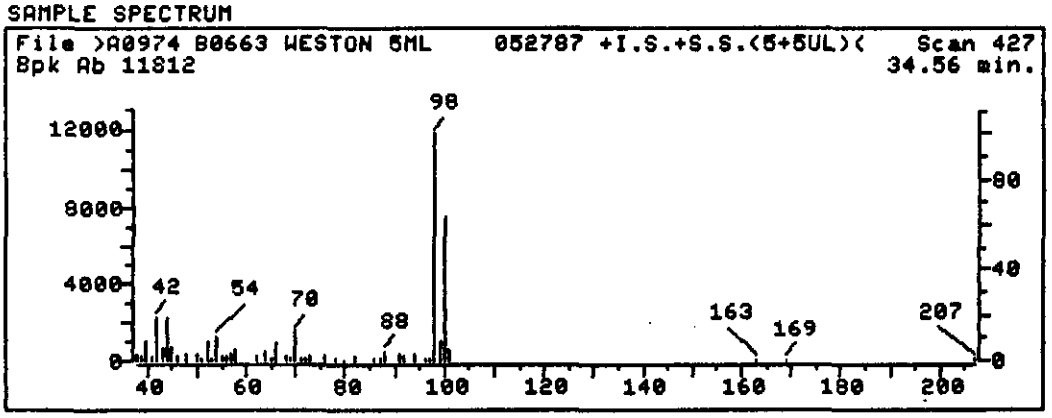

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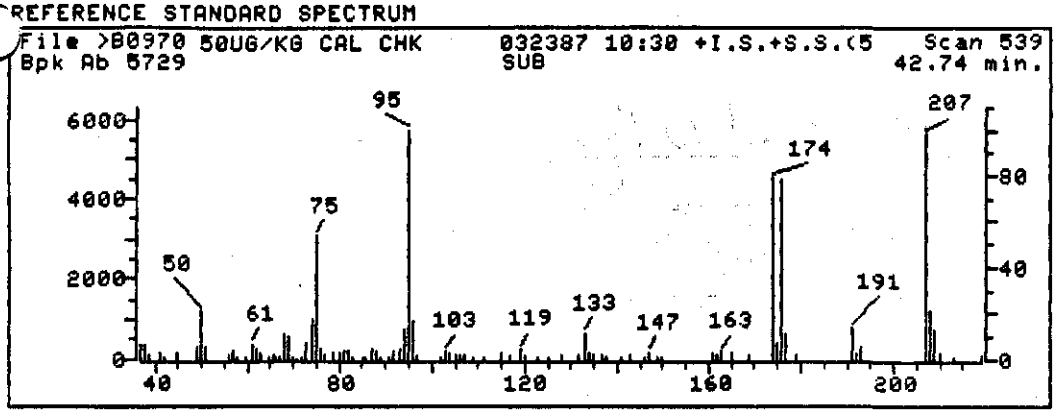
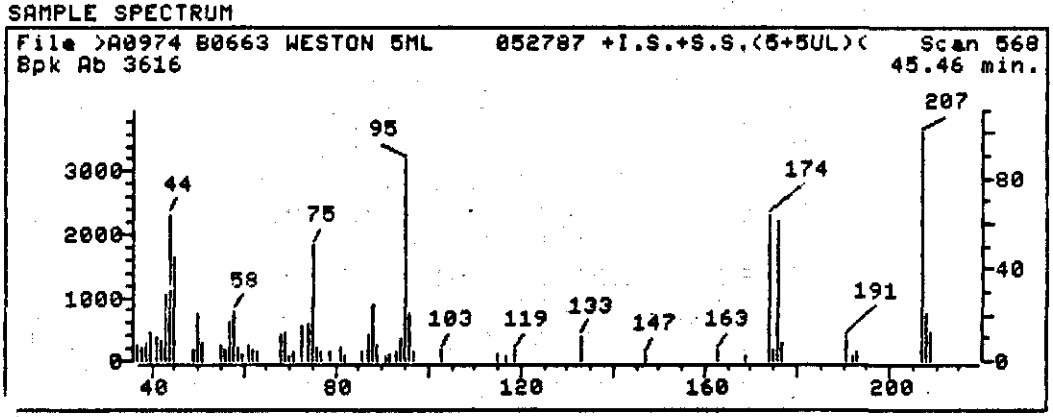
Name: B0663 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 12:35 Quant ID File: IDVOL5::M1
Injected at: 870527 11:41 Last Calibration: 870527 10:37

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 427
Retention Time: 34.56 min.
Quant Ion: 98.0
Area: 323764
Concentration: 50.86 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0974::D2 Quant Output File: ^A0974::M2
Name: B0663 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 12:35 Quant ID File: IDVOL5::M1
Injected at: 870527 11:41 Last Calibration: 870527 10:37

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 568
Retention Time: 45.46 min.
Quant Ion: 95.0
Area: 203768
Concentration: 49.25 UG/L
q-value: 100

AR400196

#22

Sample Number
50664

Organics Analysis Data Sheet
Page 1

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: YA0975::D2
Sample Matrix: WATER
Data Release Authorized by: Richard W Lynch

Case No.: N/A
GC Report No.: 47
Contract No.: N/A
Date Sample Received: 22 MAY 87

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/27/87 10:40
Conc/Dil Factor: 1 pH: N/A
Percent Moisture (Not Decanted) N/A

C.A.S. Number		ug/L (Circle One)		C.A.S. Number		ug/L (Circle One)	
74-87-3	Chloromethane	10.	U	78-87-5	1,2-Dichloropropane	5.	U
74-83-9	Bromomethane	10.	U	10061-02-6	Trans-1,3-Dichloropropene	5.	U
75-01-4	Vinyl Chloride	10.	U	79-01-6	Trichloroethene	5.	U
75-00-3	Chloroethane	10.	U	124-48-1	Dibromochloromethane	5.	U
107-13-1	Acrylonitrile	50.	U	79-00-5	1,1,2-Trichloroethane	5.	U
107-02-9	Acrolein	50.	U	71-43-2	Benzene	5.	U
75-09-2	Methylene Chloride	2.	B,J	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	8.	B,J	110-75-8	2-Chloroethylvinylether	10.	U
75-15-0	Carbon Disulfide	5.	U	75-25-2	Bromoform	5.	U
75-35-4	1,1-Dichloroethene	5.	U	108-10-1	4-Methyl-2-Pentanone	10.	U
75-34-3	1,1-Dichloroethane	5.	U	591-78-6	2-Hexanone	10.	U
156-60-5	Trans-1,2-Dichloroethene	5.	U	127-18-4	Tetrachloroethene	5.	U
67-66-3	Chloroform	5.	U	79-34-5	1,1,2,2-Tetrachloroethane	5.	U
107-02-2	1,2-Dichloroethane	5.	U	108-88-3	Toluene	2.	B,J
78-93-3	2-Butanone	10.	U	108-90-7	Chlorobenzene	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	100-41-4	Ethylbenzene	5.	U
56-23-5	Carbon Tetrachloride	5.	U	100-42-5	Styrene	5.	U
108-05-4	Vinyl Acetate	10.	U		Total Xylenes	5.	U
75-27-4	Bromodichloromethane	5.	U				

Data Reporting Qualifiers

For reporting results to EPA the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However the definition of each flag must be explicit.

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

U - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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 indicated the presence of a compound that meets the identification criteria but the result is < than the specified detection limit but > than zero (e.g. 10J). If limit of detection is 10 ug/L and a conentration of 3.0 ug/L is calculated, report as 3J.

C - This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >= 10 ng/uL in the final extract should be confirmed by GC/MS.

B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

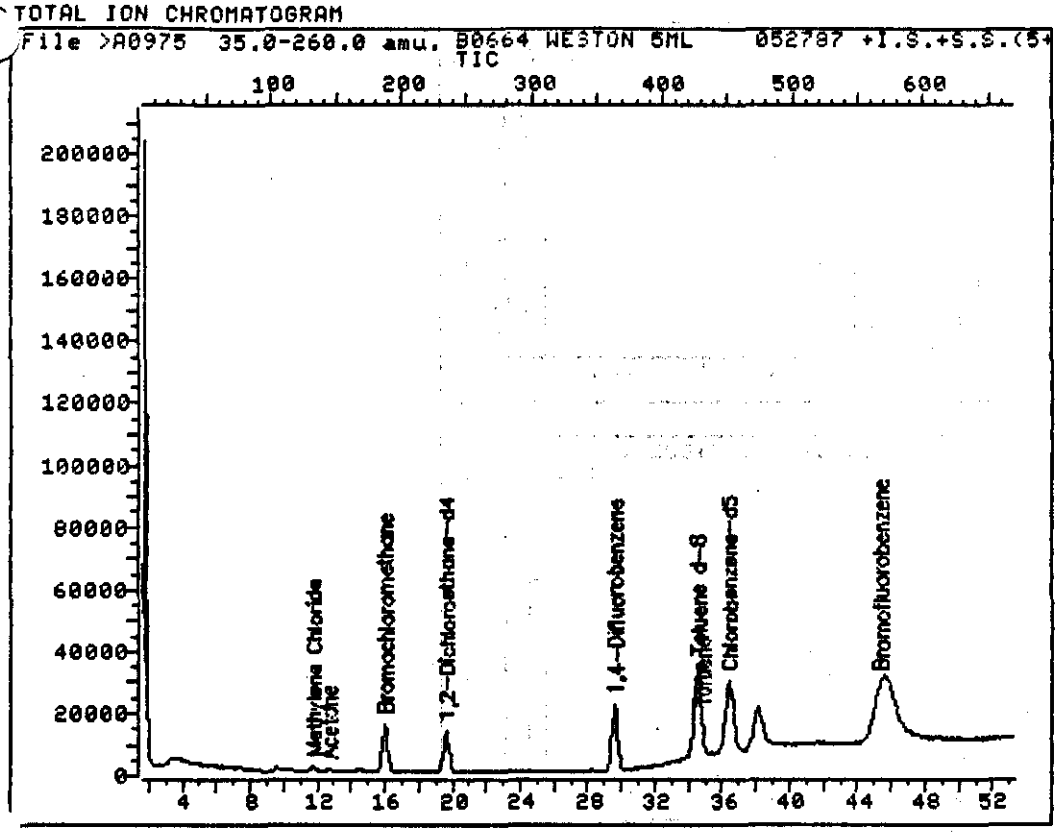
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

AR400197

OPTIONAL FLAGS

N - Compound not present in Calibration File.

TOTAL ION CHROMATOGRAM

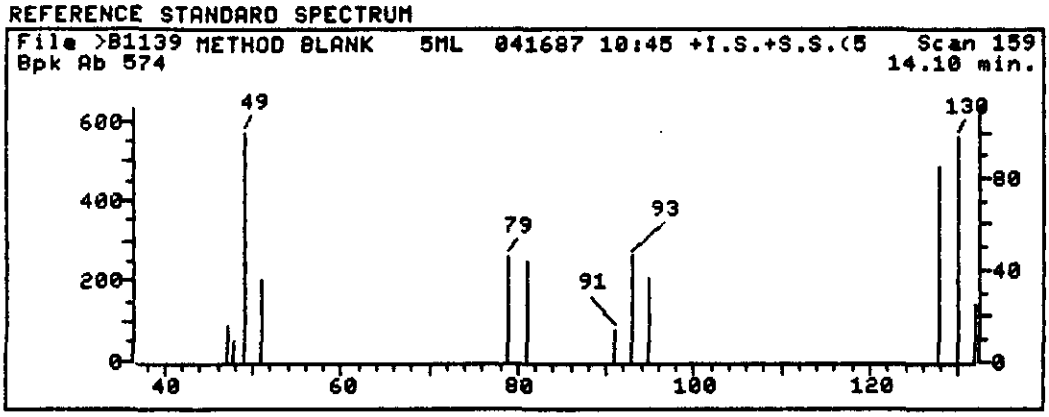


Data File: >A0975::D2 Quant Output File: ^A0975::M2
Name: B0664 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

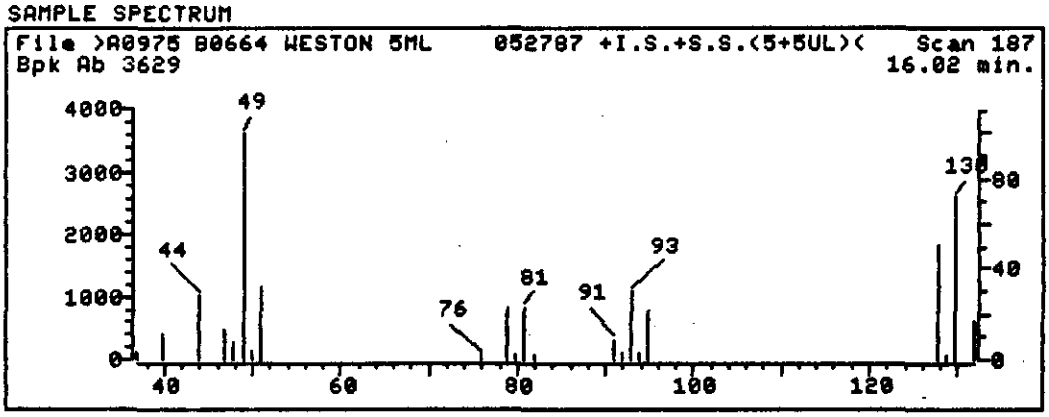
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870527 10:37

Operator ID: DT9093
Quant Time: 870527 13:35
Injected at: 870527 12:40

REFERENCE STANDARD SPECTRUM



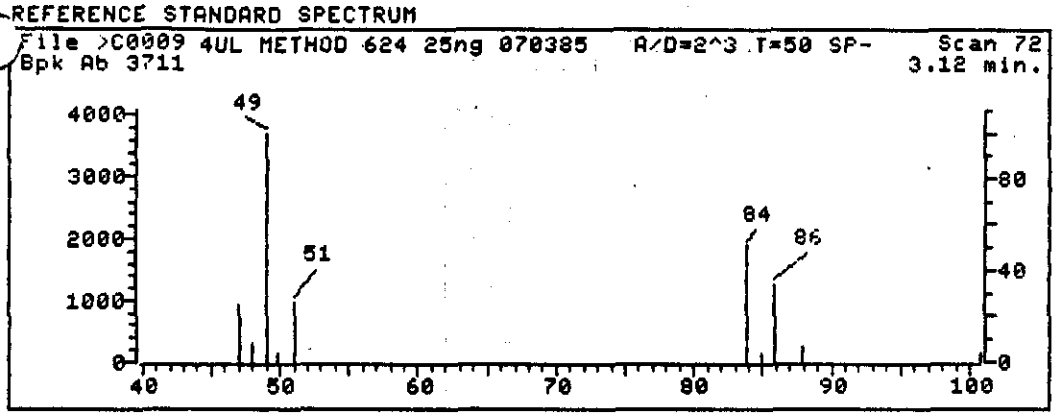
SAMPLE SPECTRUM



Data File: >A0975::D2 Quant Output File: ^A0975::M2
Name: B0664 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 13:35 Quant ID File: IDVOL5::M1
Injected at: 870527 12:40 Last Calibration: 870527 10:37

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 187
Retention Time: 16.02 min.
Quant Ion: 49.0
Area: 81913
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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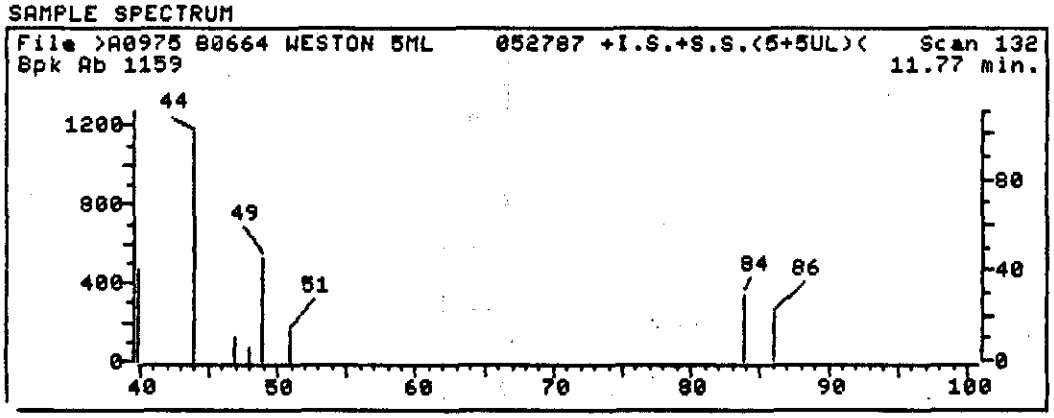
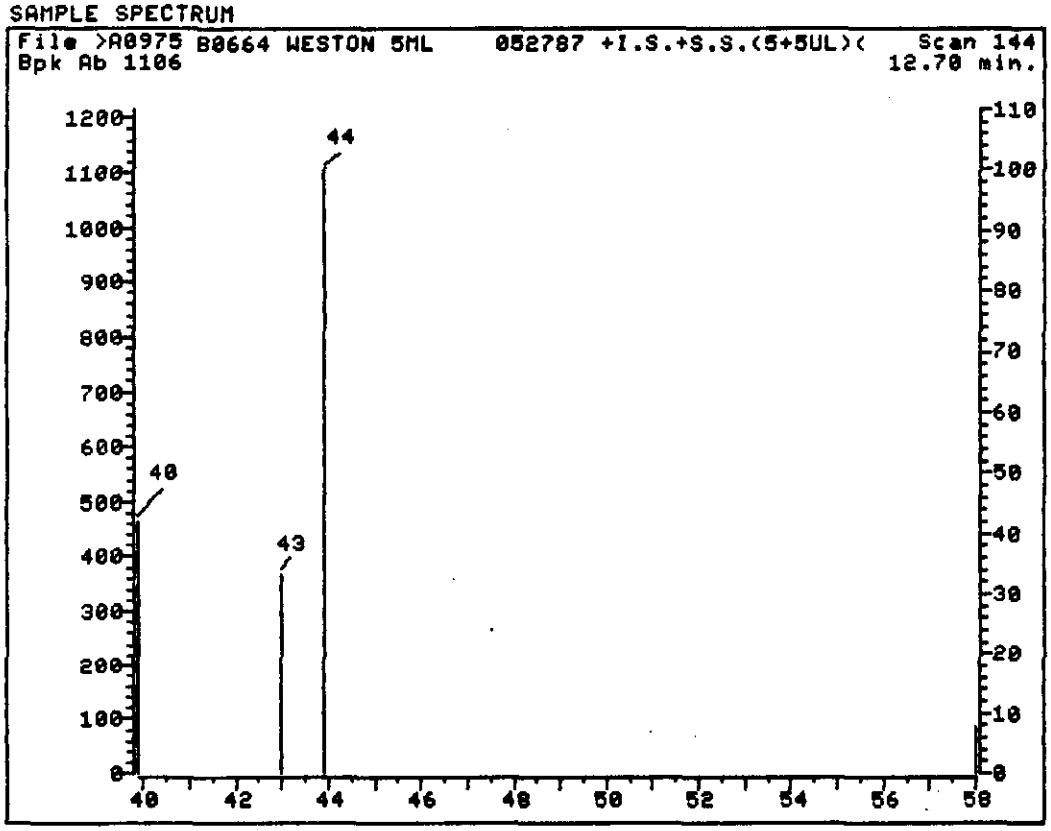


Data File: >A0975::D2 Quant Output File: ^A0975::M2
Name: B0664 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 13:35 Quant ID File: IDVOL5::M1
Injected at: 870527 12:40 Last Calibration: 870527 10:37

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 132
Retention Time: 11.77 min.
Quant Ion: 49.0
Area: 10776
Concentration: 2.39 UG/L
q-value: 76

SAMPLE SPECTRUM



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Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 13:35 Quant ID File: IDVOL5::M1
Injected at: 870527 12:40 Last Calibration: 870527 10:37

Compound No: 10
Compound Name: Acetone
Scan Number: 144
Retention Time: 12.70 min.
Quant Ion: 43.0
Area: 8635
Concentration: 7.94 UG/L
q-value: 93

AR400201