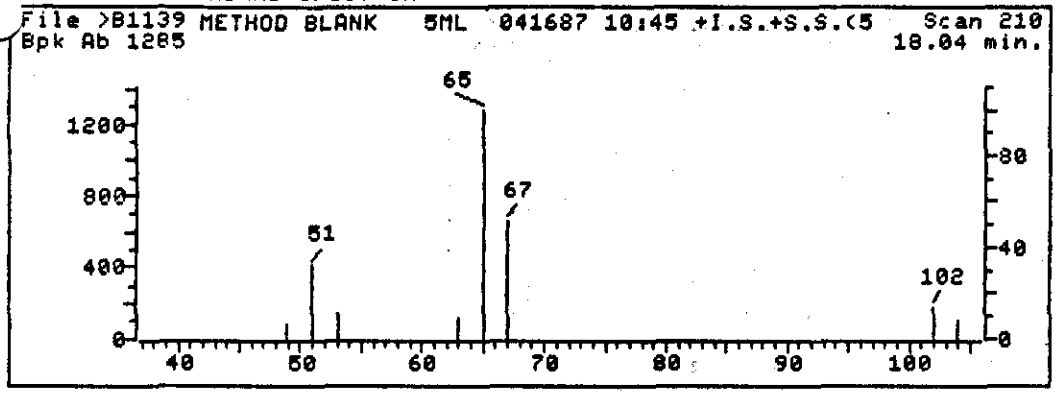
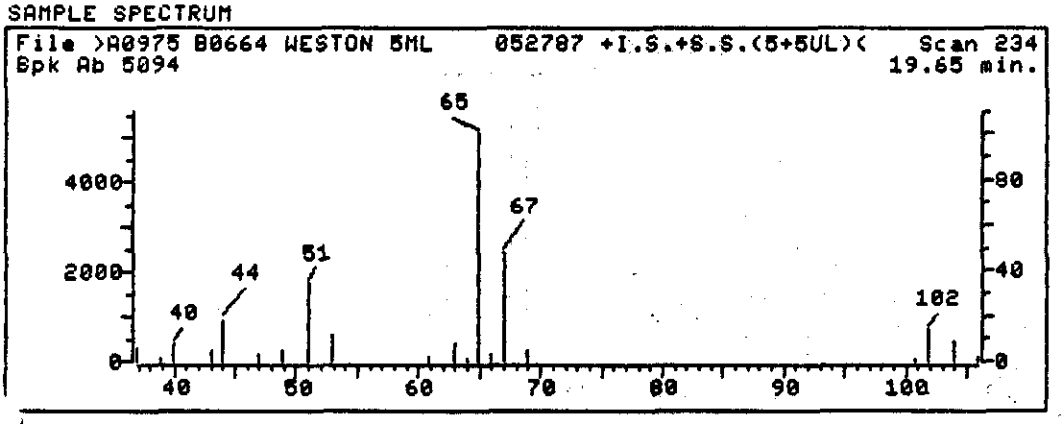
134312

REFERENCE STANDARD SPECTRUM



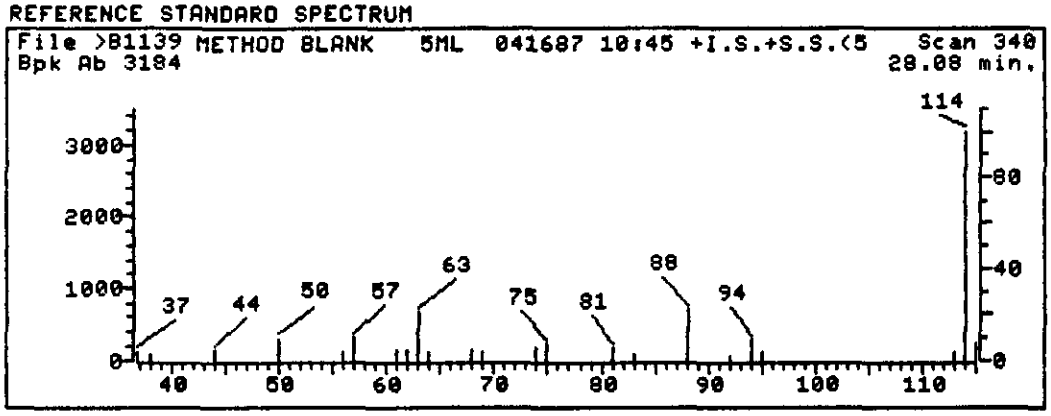
SAMPLE SPECTRUM



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: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.65 min.
Quant Ion: 65.0
Area: 113133
Concentration: 49.48 UG/L
q-value: 99

REFERENCE STANDARD SPECTRUM



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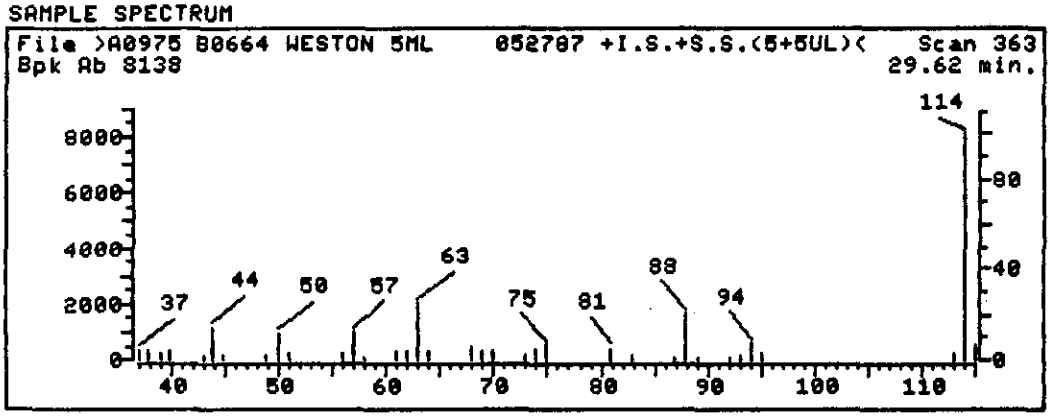
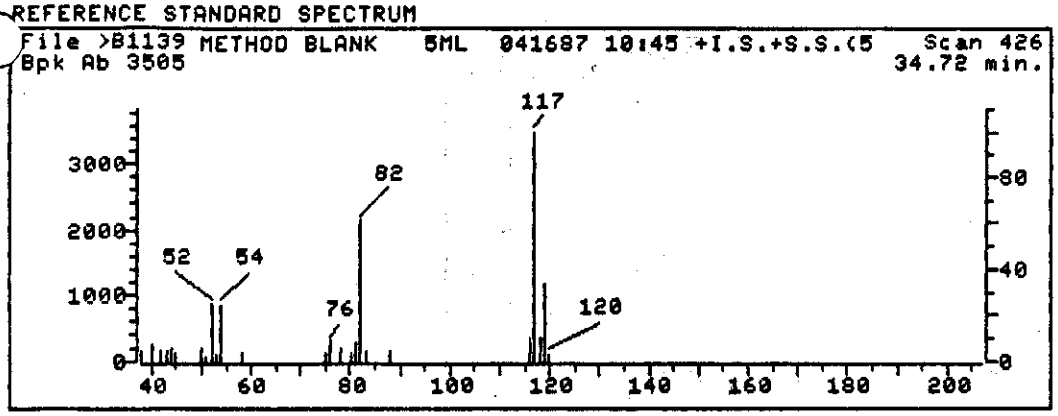


Data File: >A0975::D2 Quant Output File: ^A0975::M2
Name: B0664 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 13:35 Quant ID File: IDVOL5::M1
Injected at: 870527 12:40 Last Calibration: 870527 10:37

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.62 min.
Quant Ion: 114.0
Area: 193754
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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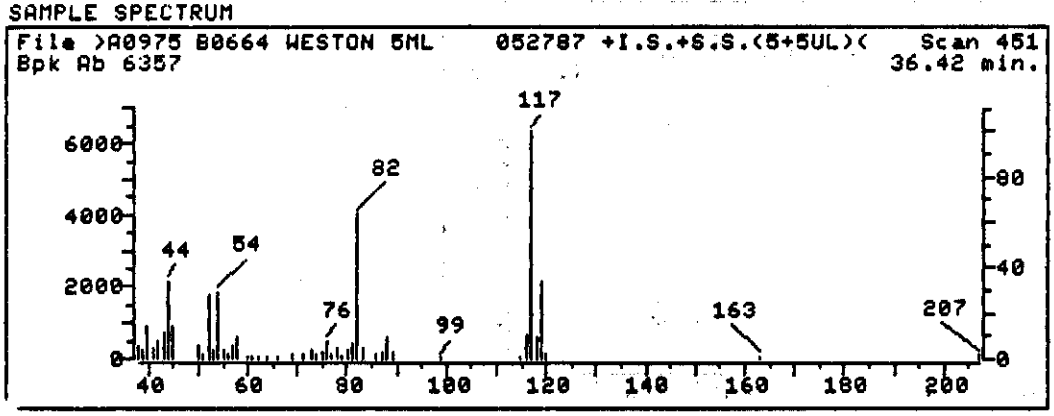

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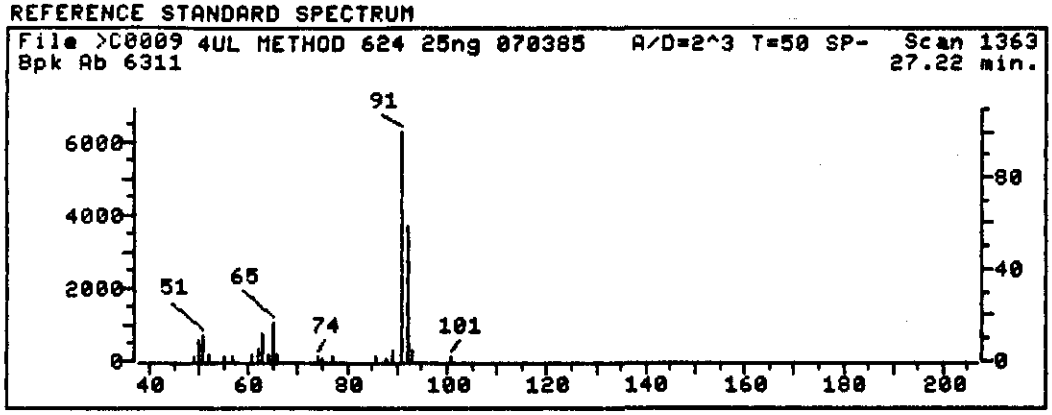
Name: B0664 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 13:35 Quant ID File: IDVOL5::M1
Injected at: 870527 12:40 Last Calibration: 870527 10:37

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 451
Retention Time: 36.42 min.
Quant Ion: 117.0
Area: 213725
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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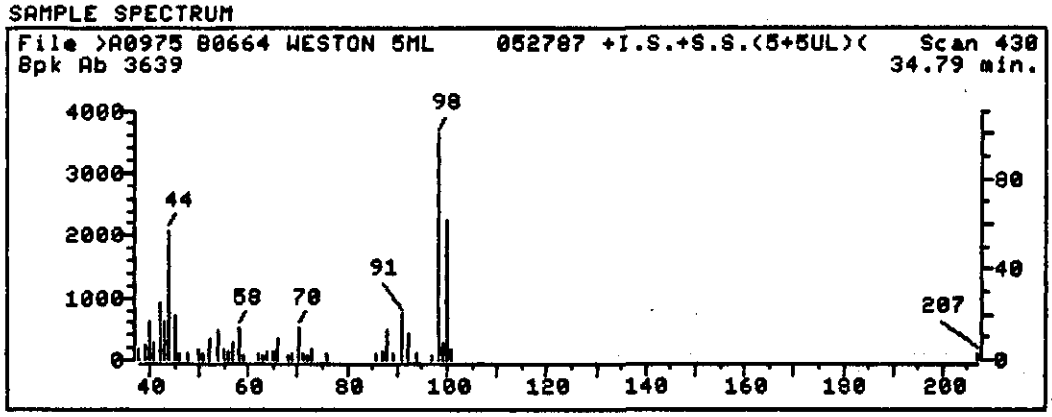
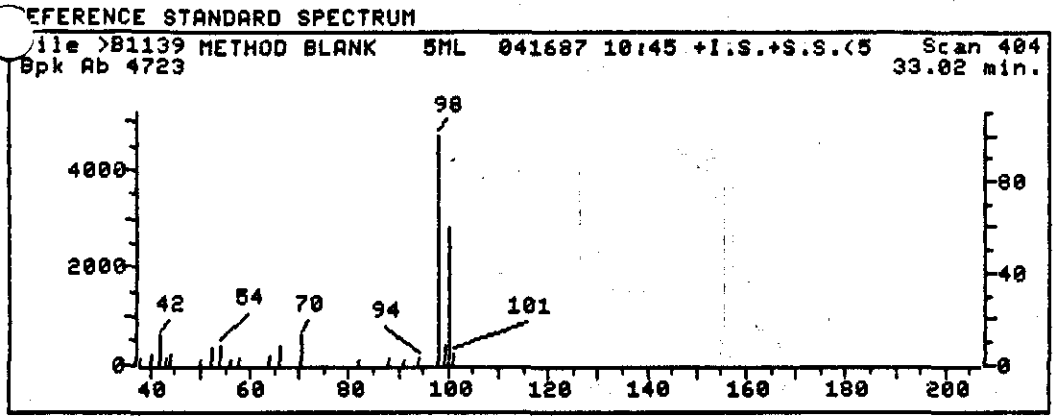


Data File: >A0975::D2 Quant Output File: ^A0975::M2
Name: B0664 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 13:35 Quant ID File: IDVOL5::M1
Injected at: 870527 12:40 Last Calibration: 870527 10:37

Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.79 min.
Quant Ion: 91.0
Area: 21589
Concentration: 1.92 UG/L
q-value: 94

EFERENCE STANDARD SPECTRUM



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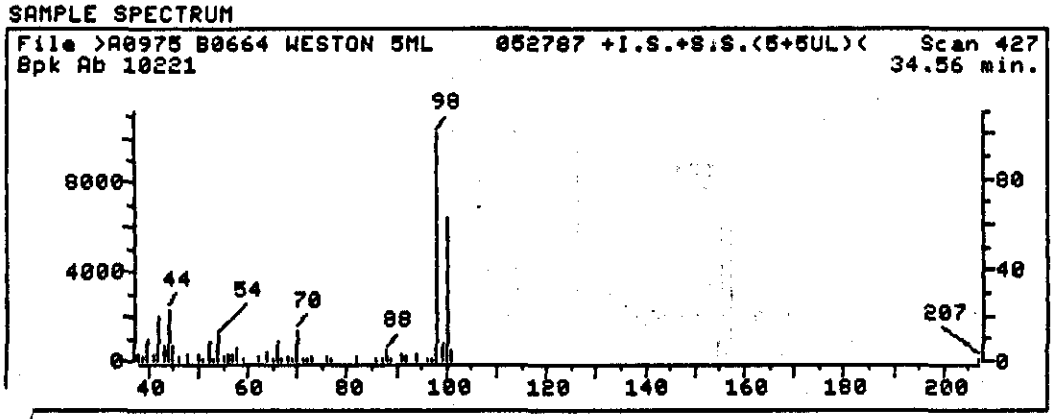

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Name: B0664 WESTON 5ML
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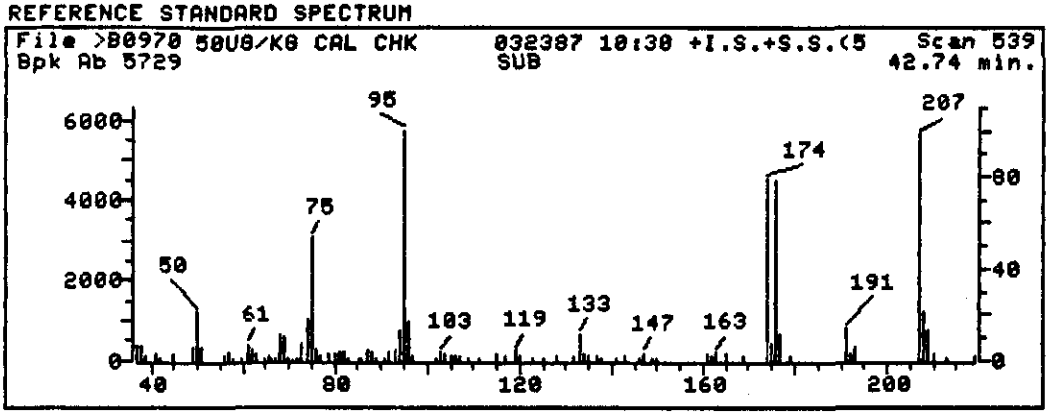
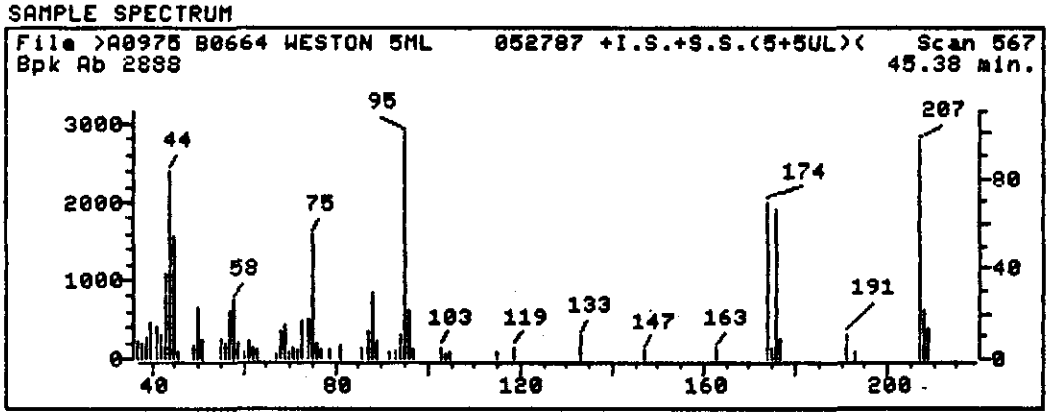
Quant Time: 870527 13:35 Quant ID File: IDVOL5::M1
Injected at: 870527 12:40 Last Calibration: 870527 10:37

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 427
Retention Time: 34.56 min.
Quant Ion: 98.0
Area: 284022
Concentration: 51.73 UG/L
q-value: 100

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: 44
Compound Name: Bromofluorobenzene
Scan Number: 567
Retention Time: 45.38 min.
Quant Ion: 95.0
Area: 178235
Concentration: 49.94 UG/L
q-value: 100.

#23

Sample Number
B0665

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: 9A09761:D2
Sample Matrix: WATER
Data release Authorized by: Richard W Fyne

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 13:40
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	19.	B	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.

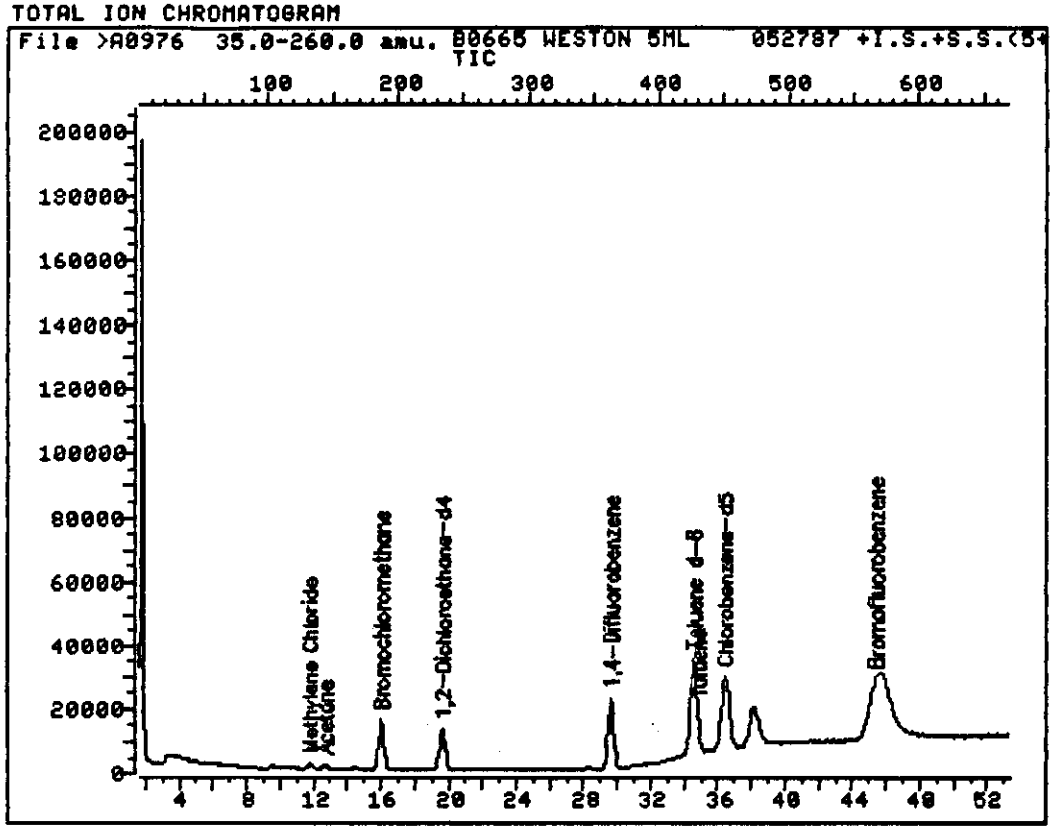
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described in a footnote description attached to the data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

AR400208

TOTAL ION CHROMATOGRAM

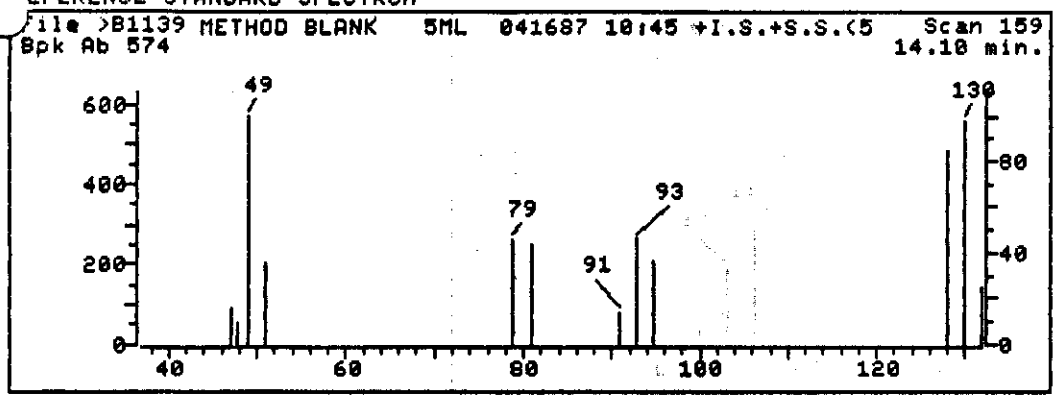


Data File: >A0976::D2 Quant Output File: ^A0976::M2
Name: B0665 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

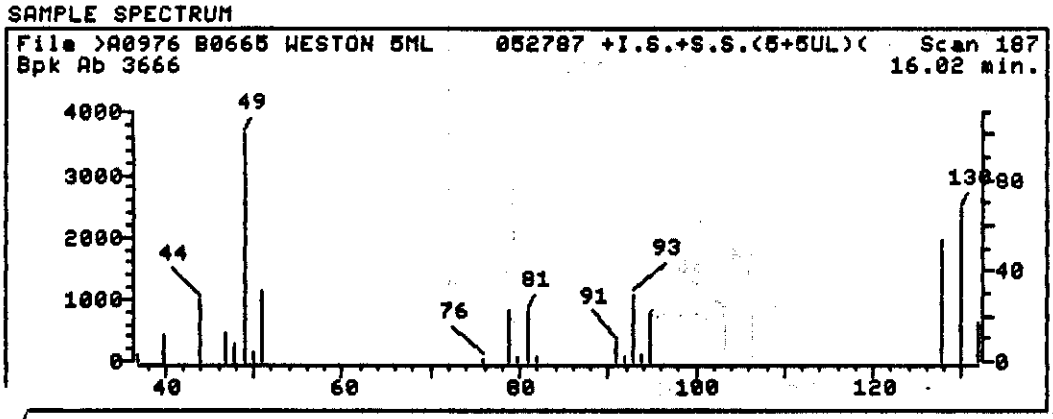
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870527 10:37

Operator ID: DT9093
Quant Time: 870527 14:34
Injected at: 870527 13:40

EFERENCE STANDARD SPECTRUM



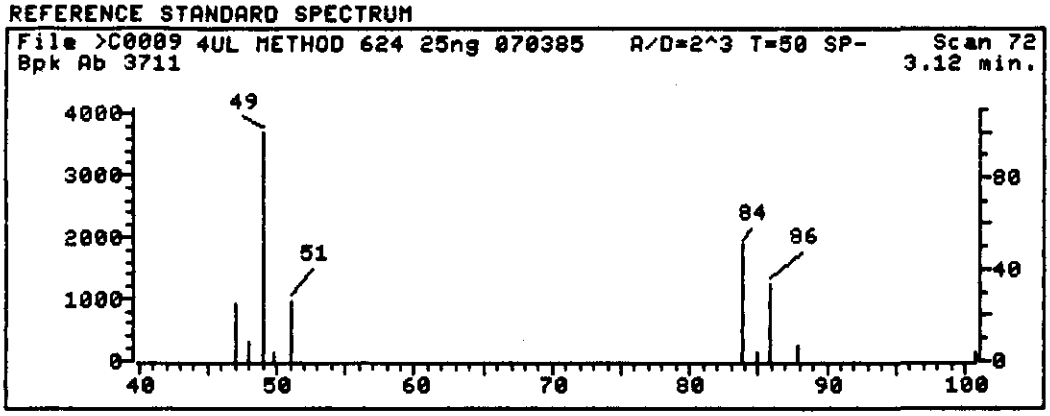
SAMPLE SPECTRUM



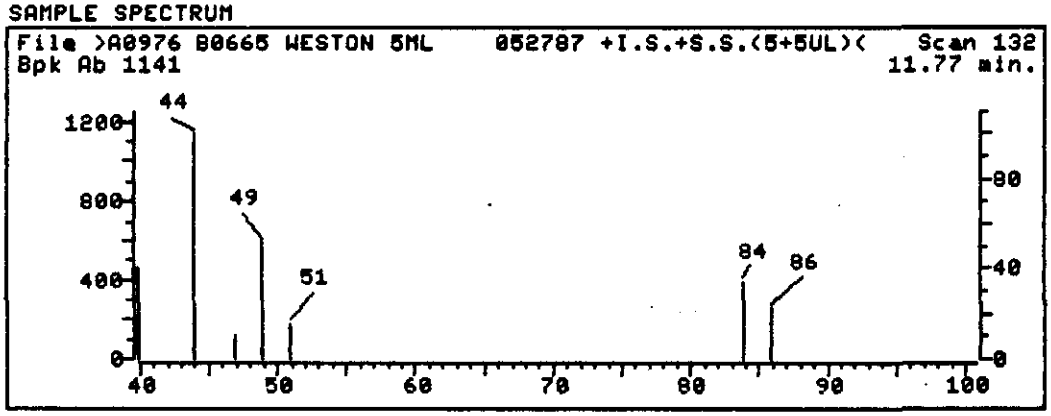
Data File: >A0976::D2 Quant Output File: ^A0976::M2
Name: B0665 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 14:34 Quant ID File: IDVOL5::M1
Injected at: 870527 13:40 Last Calibration: 870527 10:37

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 187
Retention Time: 16.02 min.
Quant Ion: 49.0
Area: 80477
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM

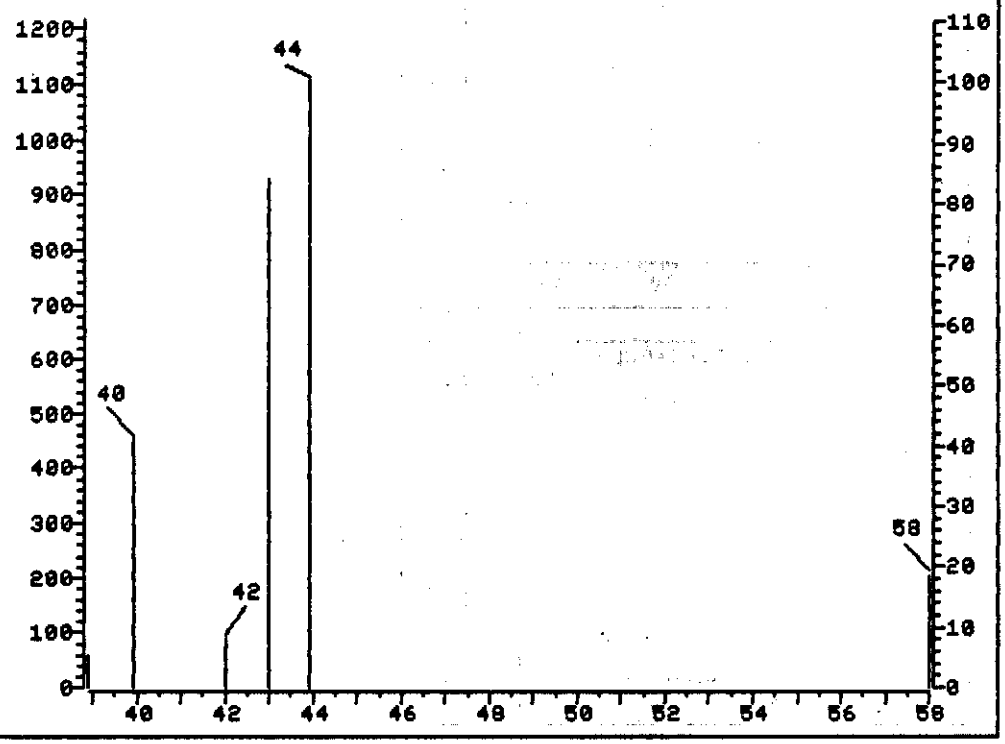


Data File: >A0976::D2 Quant Output File: ^A0976::M2
Name: B0665 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 14:34 Quant ID File: IDVOL5::M1
Injected at: 870527 13:40 Last Calibration: 870527 10:37

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 132
Retention Time: 11.77 min.
Quant Ion: 49.0
Area: 12115
Concentration: 2.73 UG/L
q-value: 76

AMPLE SPECTRUM

File >A0976 B0665 WESTON 5ML 052787 +I.S.+S.S.(5+5UL)(Scan 144
Bpk Ab 1106 12.70 min.



Data File: >A0976::D2 Quant Output File: ^A0976::M2
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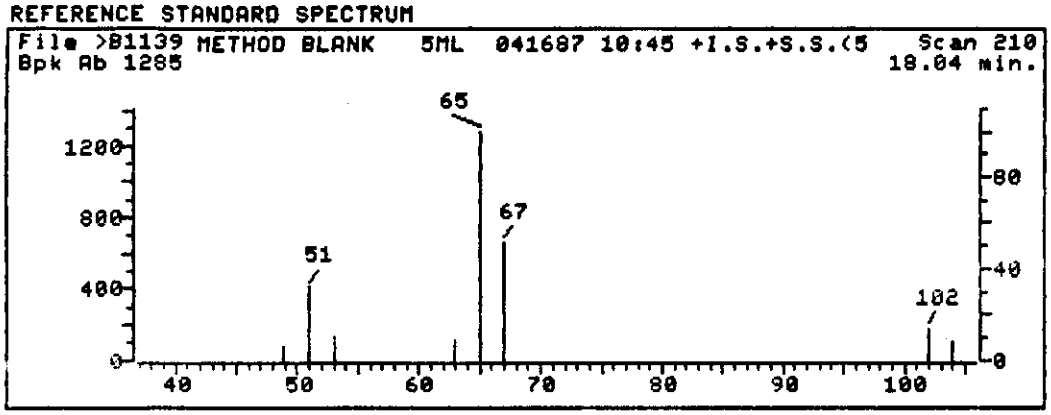
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 14:34 Quant ID File: IDVOL5::M1
Injected at: 870527 13:40 Last Calibration: 870527 10:37

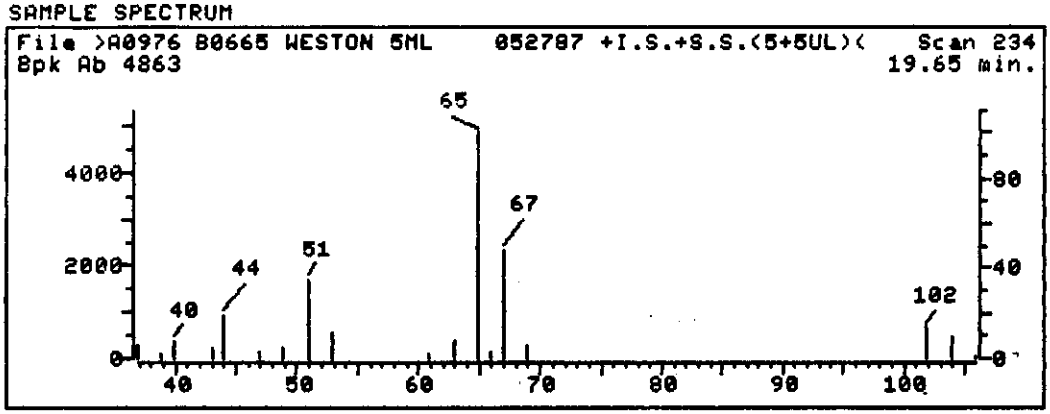
Compound No: 10
Compound Name: Acetone
Scan Number: 144
Retention Time: 12.70 min.
Quant Ion: 43.0
Area: 20625
Concentration: 19.29 UG/L
q-value: 95.

AR400212

REFERENCE STANDARD SPECTRUM



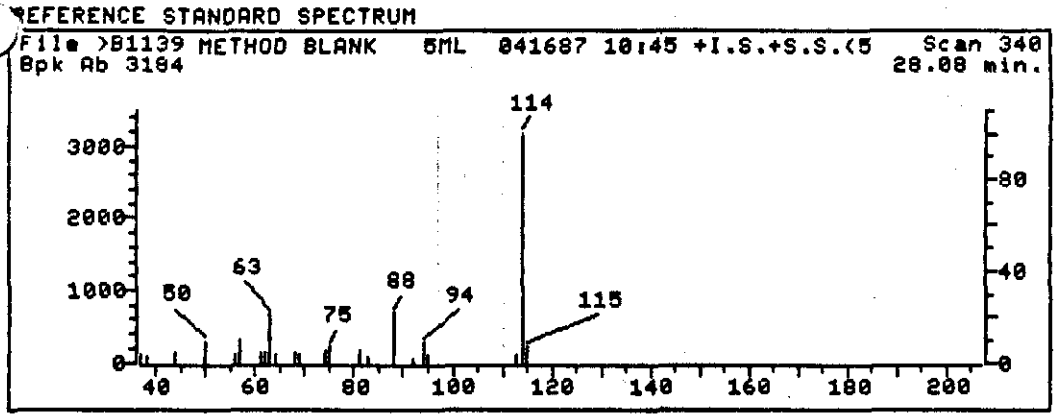
SAMPLE SPECTRUM



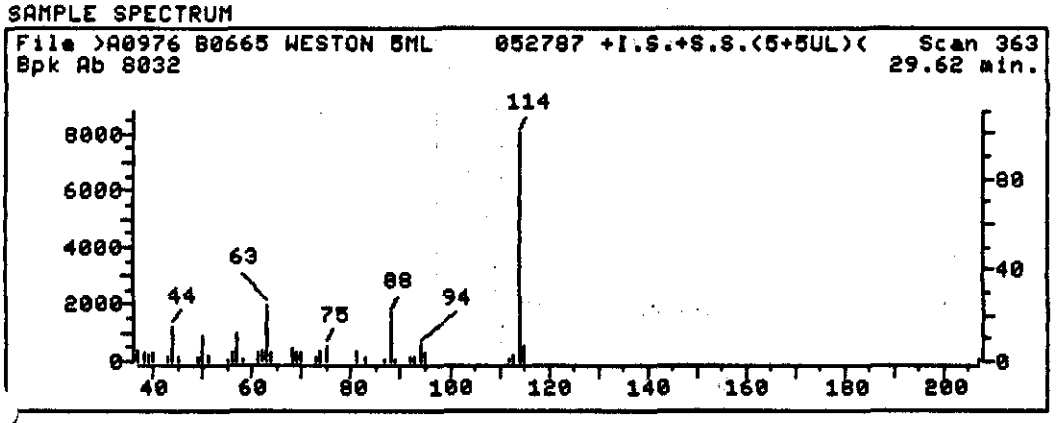
Data File: >A0976::D2 Quant Output File: ^A0976::M2
Name: B0665 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 14:34 Quant ID File: IDVOL5::M1
Injected at: 870527 13:40 Last Calibration: 870527 10:37

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.65 min.
Quant Ion: 65.0
Area: 111845
Concentration: 49.79 UG/L
q-value: 99

REFERENCE STANDARD SPECTRUM



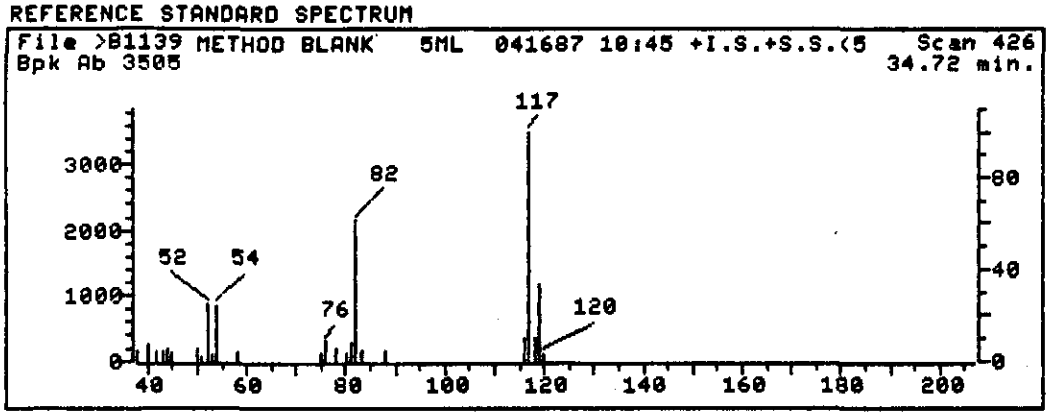
SAMPLE SPECTRUM



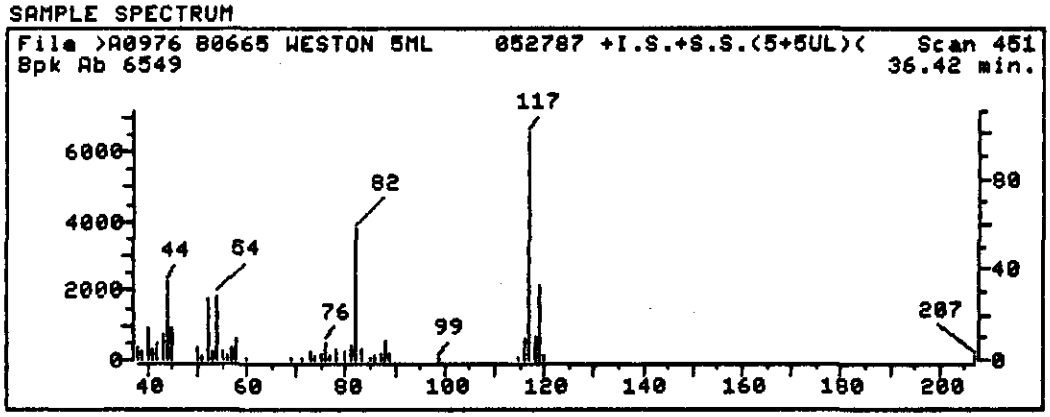
Data File: >A0976::D2 Quant Output File: ^A0976::M2
Name: B0665 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 14:34 Quant ID File: IDVOL5::M1
Injected at: 870527 13:40 Last Calibration: 870527 10:37

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.62 min.
Quant Ion: 114.0
Area: 194557
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



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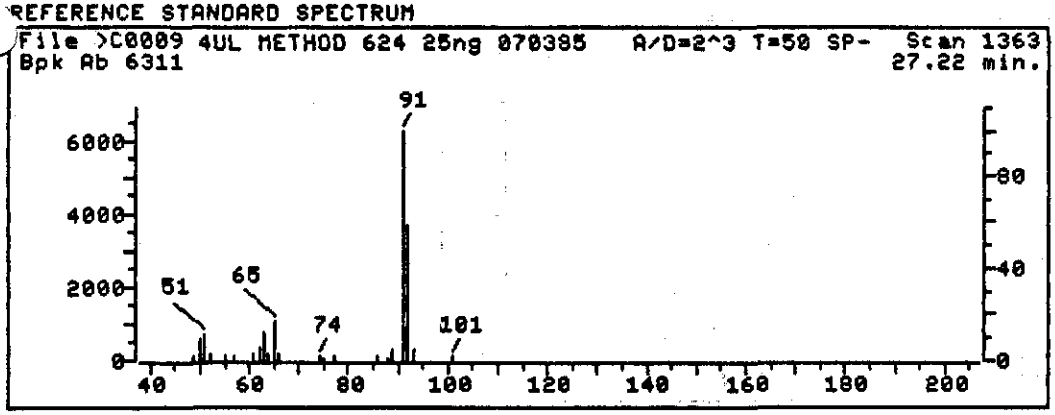
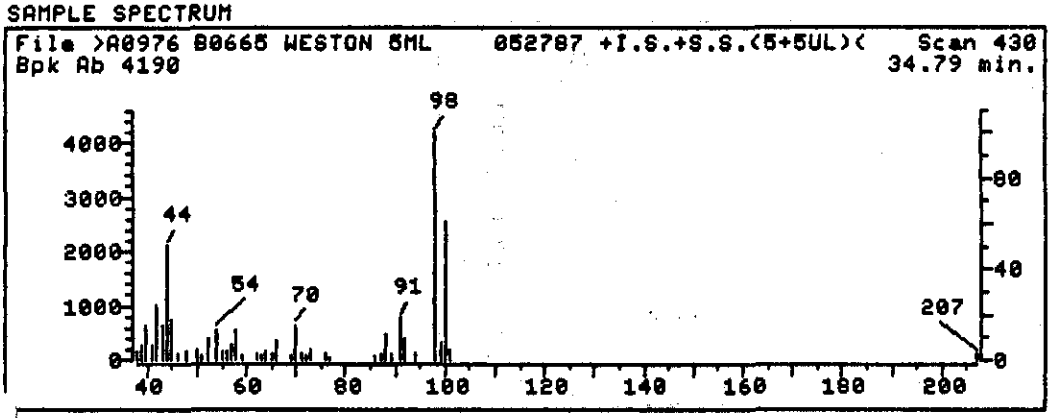
Name: B0665 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 14:34 Quant ID File: IDVOL5::M1
Injected at: 870527 13:40 Last Calibration: 870527 10:37

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 451
Retention Time: 36.42 min.
Quant Ion: 117.0
Area: 217452
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



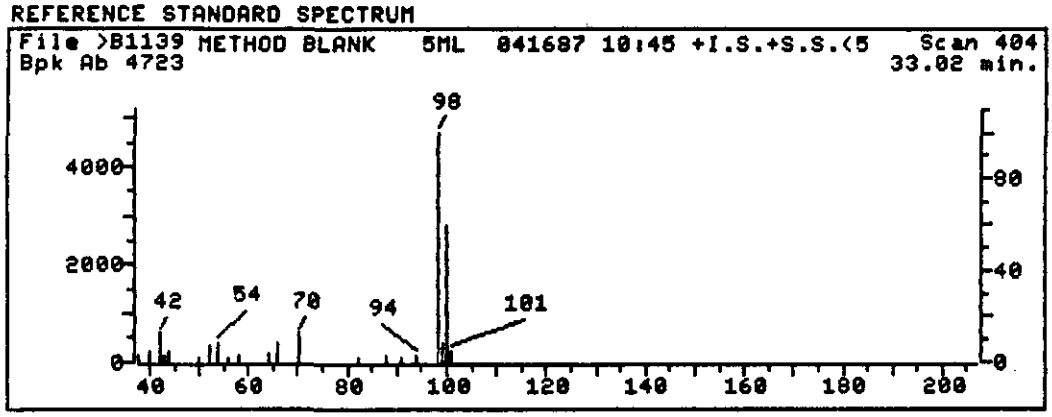
SAMPLE SPECTRUM



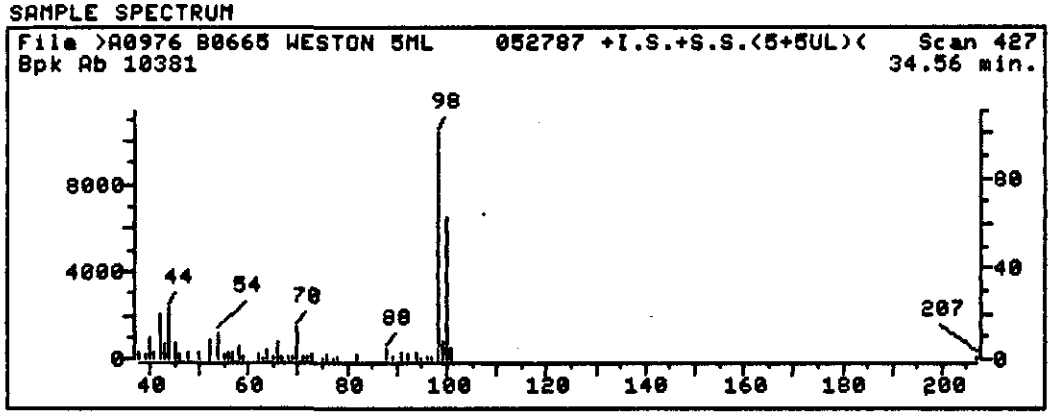
Data File: >A0976::D2 Quant Output File: ^A0976::M2
Name: B0665 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 14:34 Quant ID File: IDVOL5::M1
Injected at: 870527 13:40 Last Calibration: 870527 10:37

Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.79 min.
Quant Ion: 91.0
Area: 22196
Concentration: 1.94 UG/L
q-value: 90

REFERENCE STANDARD SPECTRUM



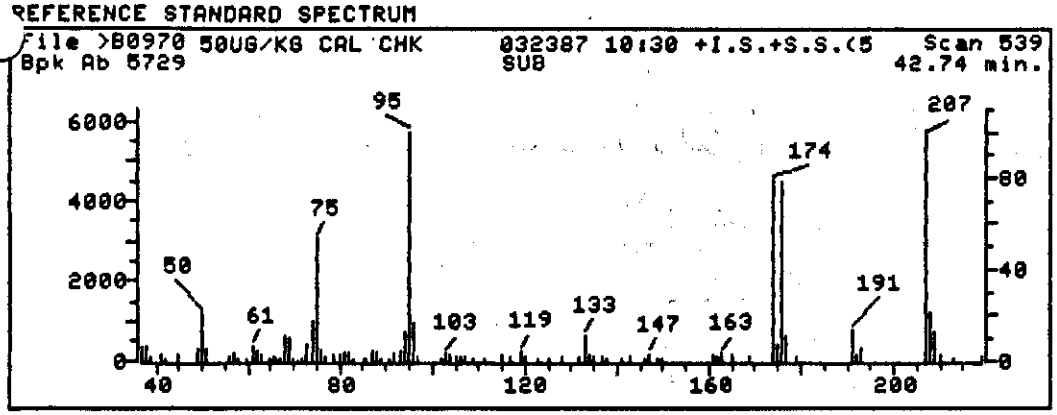
SAMPLE SPECTRUM



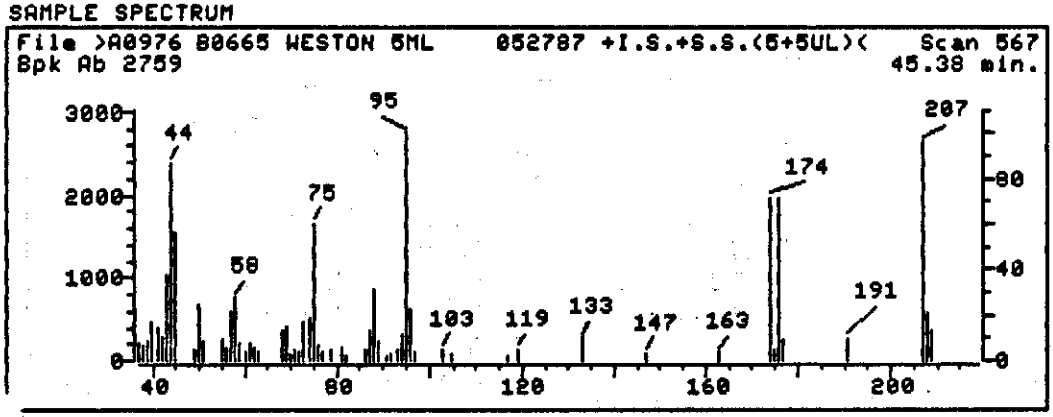
Data File: >A0976::D2 Quant Output File: ^A0976::M2
Name: B0665 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 14:34 Quant ID File: IDVOL5::M1
Injected at: 870527 13:40 Last Calibration: 870527 10:37

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 427
Retention Time: 34.56 min.
Quant Ion: 98.0
Area: 287076
Concentration: 51.39 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0976::D2 Quant Output File: ^A0976::M2
Name: B0665 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 14:34 Quant ID File: IDVOL5::M1
Injected at: 870527 13:40 Last Calibration: 870527 10:37

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 567
Retention Time: 45.38 min.
Quant Ion: 95.0
Area: 178543
Concentration: 49.17 UG/L
q-value: 100

#24

Sample Number
89666

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >A0977::DC
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: 5/27/87 14:40
Conc/Dil factor: 1 pH : N/A
Percent Moisture: (Not Decanter: 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	11.	B	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.

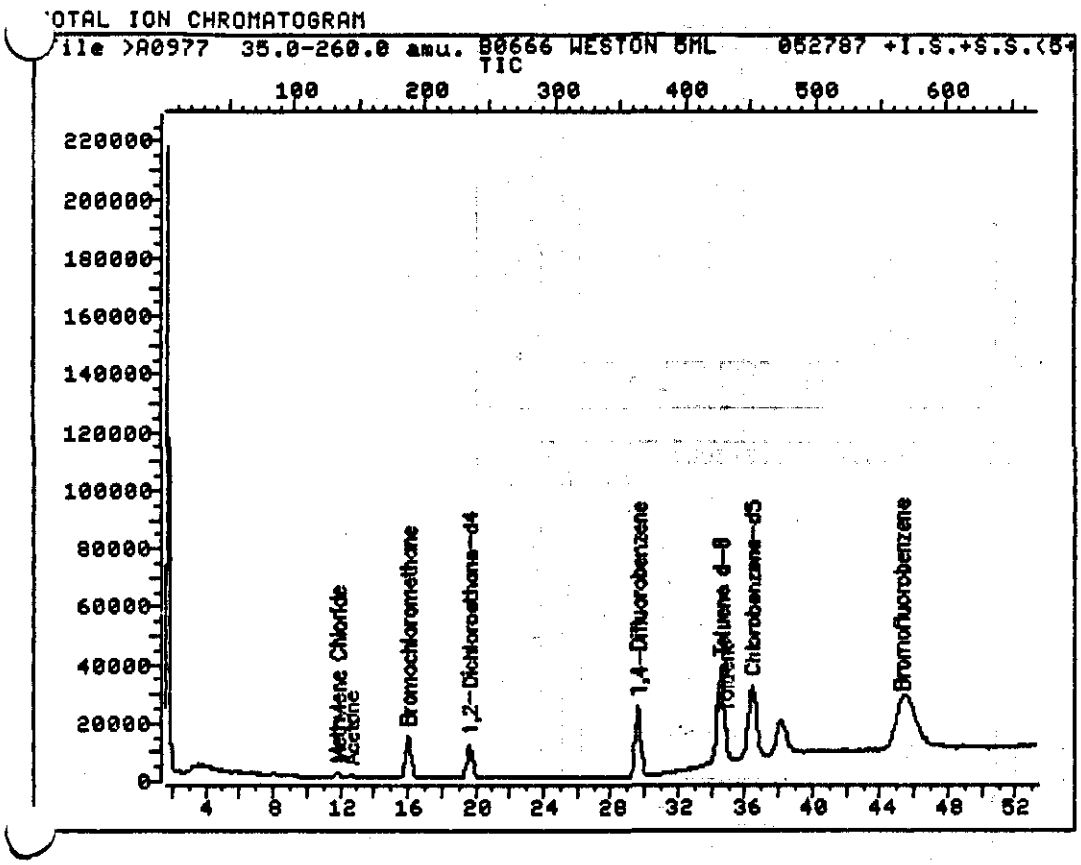
B - This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns data the user to take appropriate action.

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.

AR400219

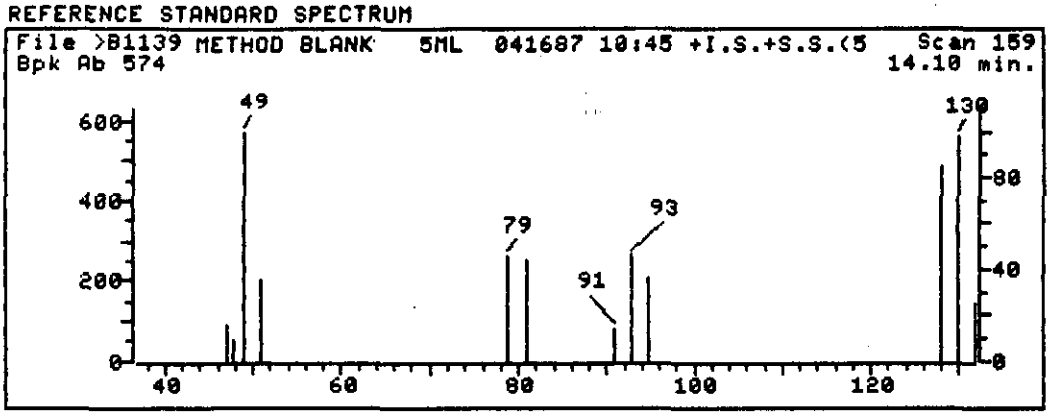


Data File: >A0977::D2 Quant Output File: ^A0977::M2
Name: B0666 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

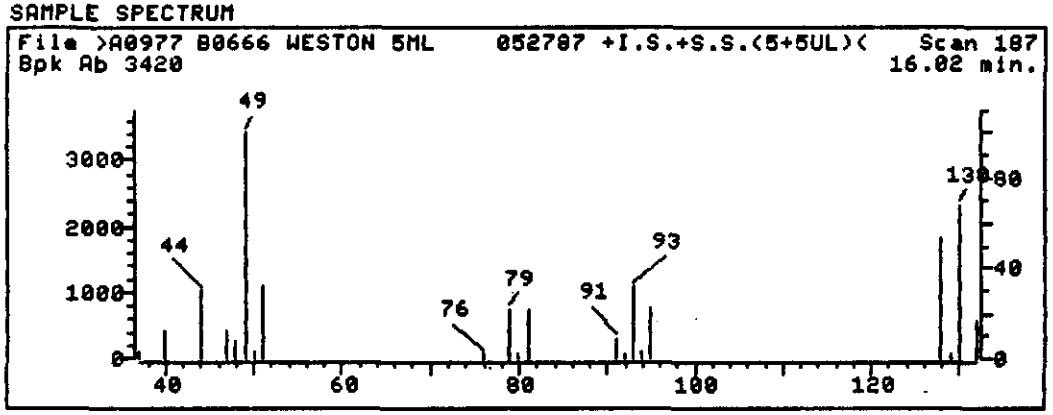
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870527 10:37

Operator ID: DT9093
Quant Time: 870527 15:34
Injected at: 870527 14:40

REFERENCE STANDARD SPECTRUM



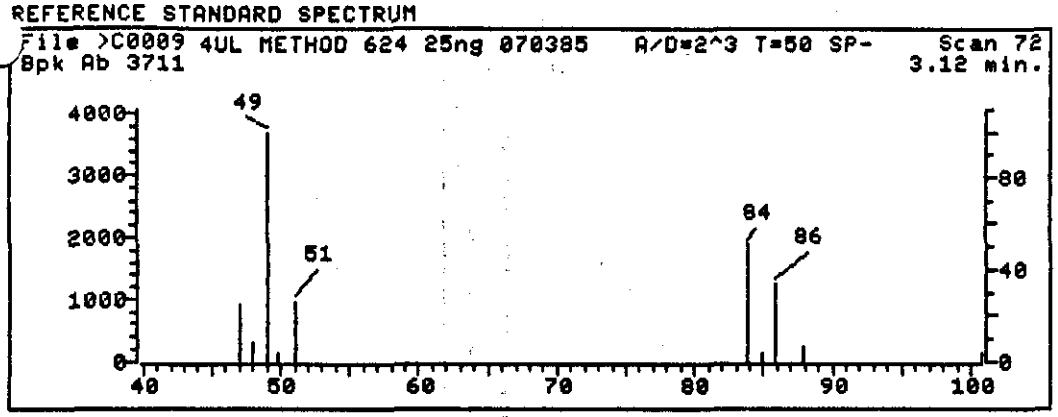
SAMPLE SPECTRUM



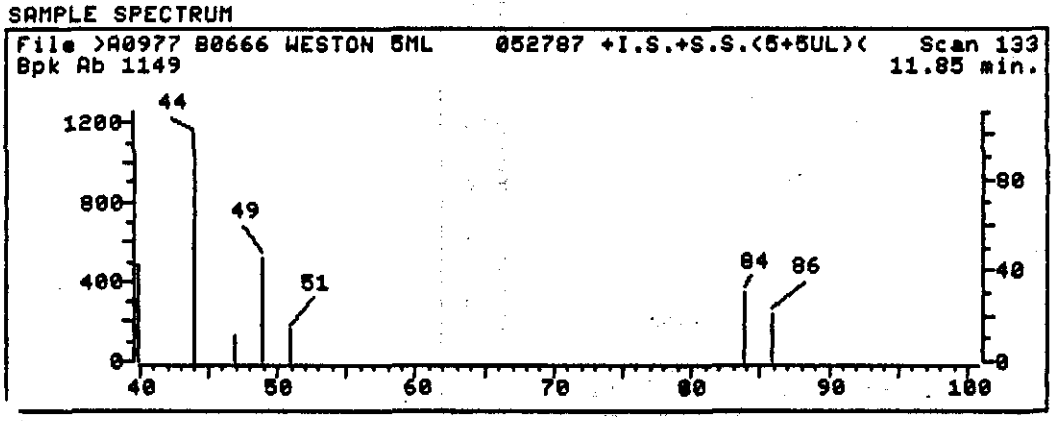
Data File: >A0977::D2 Quant Output File: ^A0977::M2
Name: B0666 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 15:34 Quant ID File: IDVOL5::M1
Injected at: 870527 14:40 Last Calibration: 870527 10:37

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 187
Retention Time: 16.02 min.
Quant Ion: 49.0
Area: 78155
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



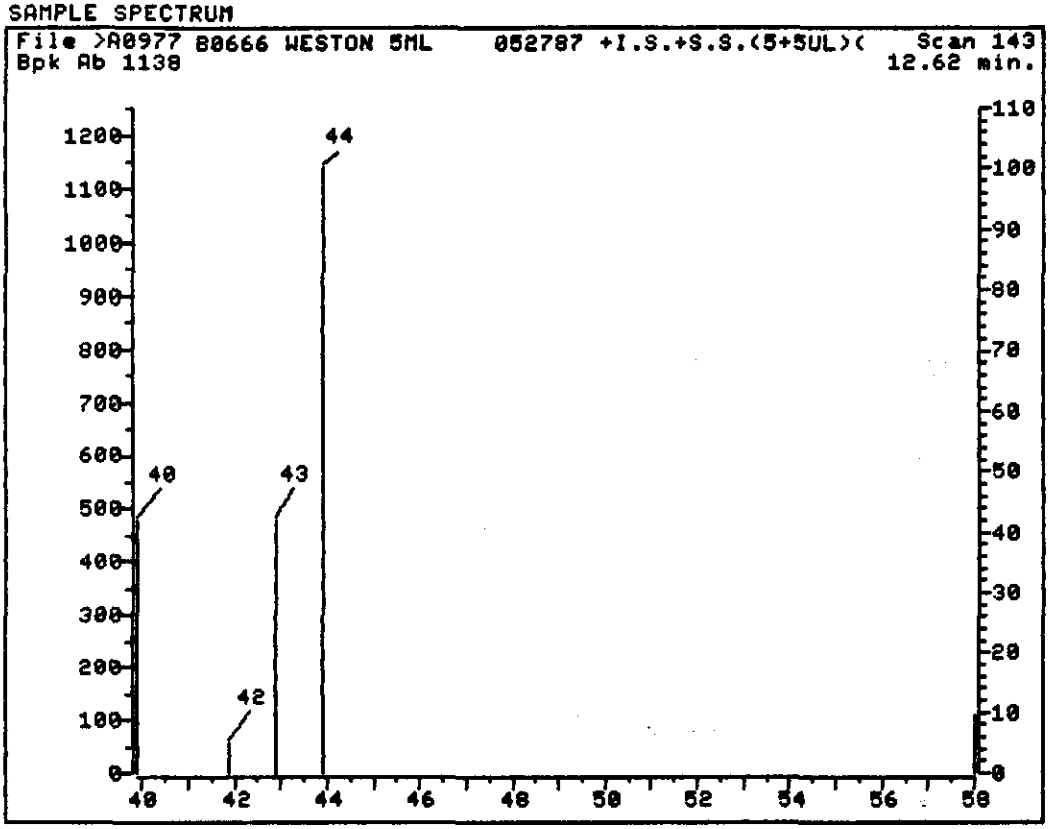
SAMPLE SPECTRUM



Data File: >A0977::D2 Quant Output File: ^A0977::M2
Name: B0666 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 15:34 Quant ID File: IDVOL5::M1
Injected at: 870527 14:40 Last Calibration: 870527 10:37

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 133
Retention Time: 11.85 min.
Quant Ion: 49.0
Area: 11054
Concentration: 2.57 UG/L
q-value: 72

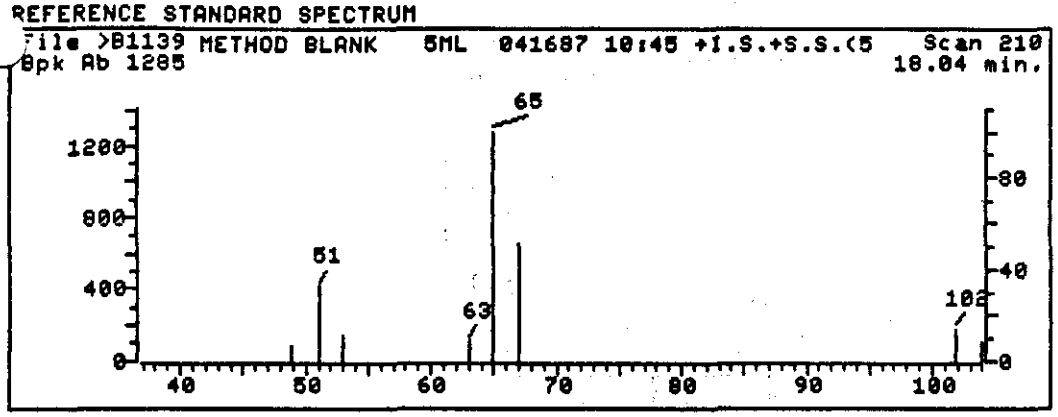
SAMPLE SPECTRUM



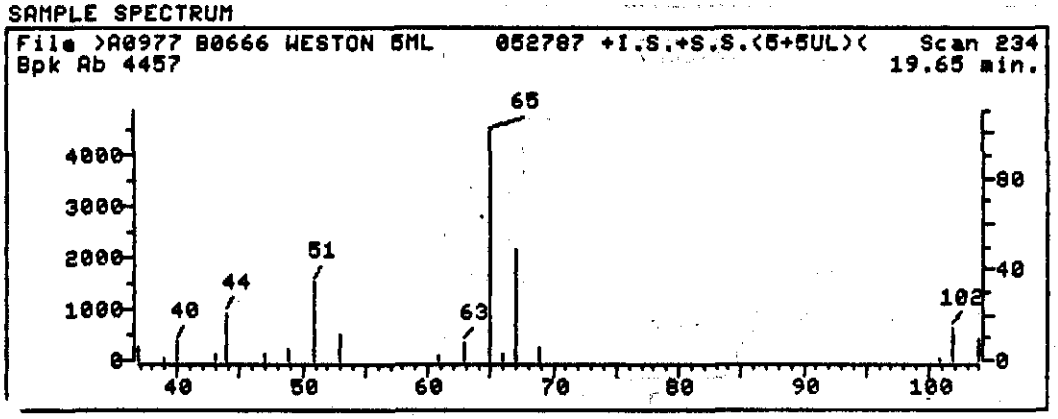
Data File: >A0977::D2 Quant Output File: ^A0977::M2
Name: B0666 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 15:34 Quant ID File: IDVOL5::M1
Injected at: 870527 14:40 Last Calibration: 870527 10:37

Compound No: 10
Compound Name: Acetone
Scan Number: 143
Retention Time: 12.62 min.
Quant Ion: 43.0
Area: 11225
Concentration: 10.81 UG/L
q-value: 93.

REFERENCE STANDARD SPECTRUM



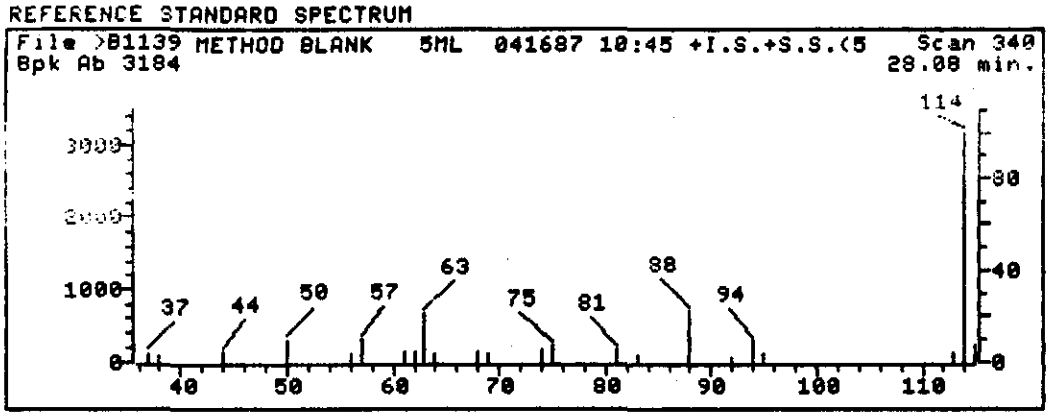
SAMPLE SPECTRUM



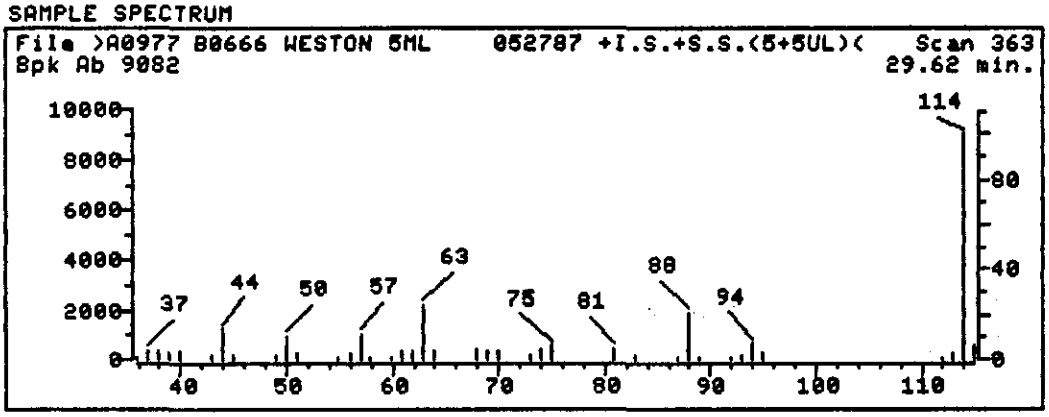
Data File: >A0977::D2 Quant Output File: ^A0977::M2
Name: B0666 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 15:34 Quant ID File: IDVOL5::M1
Injected at: 870527 14:40 Last Calibration: 870527 10:37

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.65 min.
Quant Ion: 65.0
Area: 102813
Concentration: 47.13 UG/L
q-value: 98

REFERENCE STANDARD SPECTRUM



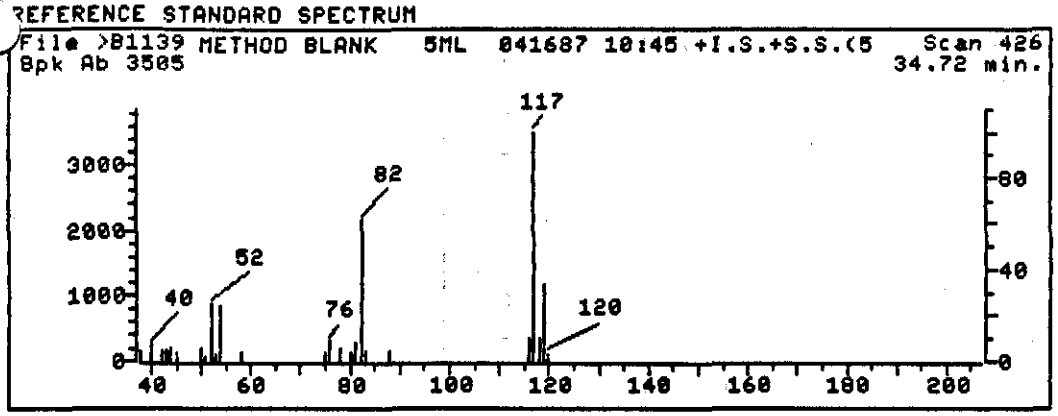
SAMPLE SPECTRUM



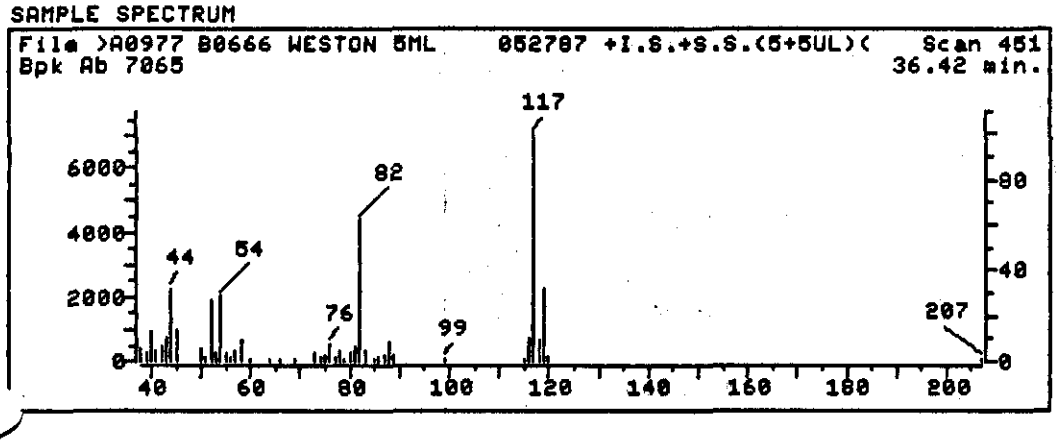
Data File: >A0977::D2 Quant Output File: ^A0977::M2
Name: B0666 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 15:34 Quant ID File: IDVOL5::M1
Injected at: 870527 14:40 Last Calibration: 870527 10:37

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.62 min.
Quant Ion: 114.0
Area: 215400
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



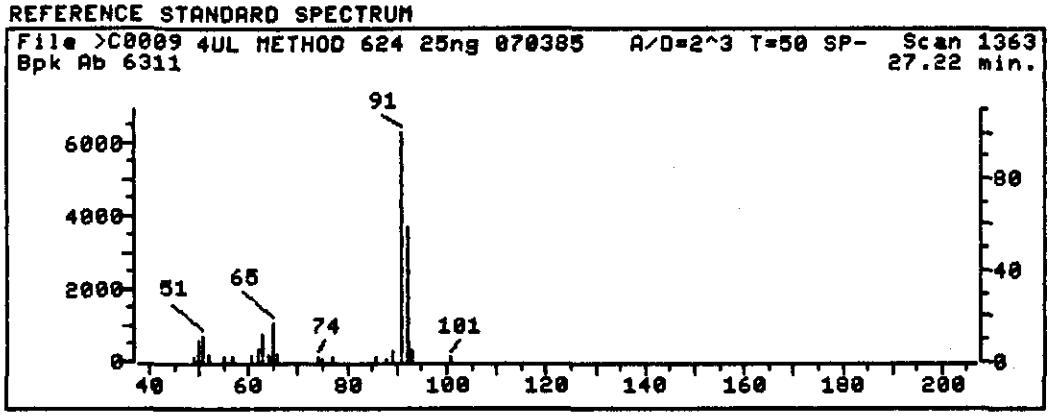
SAMPLE SPECTRUM



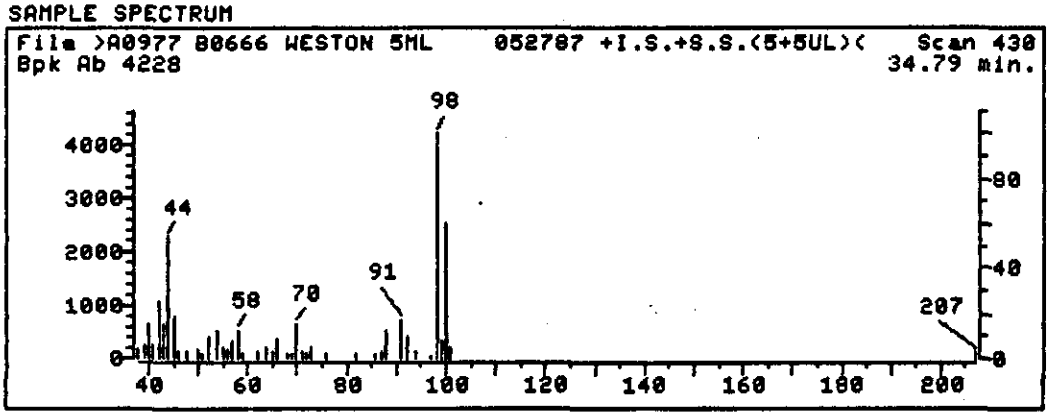
Data File: >A0977::D2 Quant Output File: ^A0977::M2
Name: B0666 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 15:34 Quant ID File: IDVOL5::M1
Injected at: 870527 14:40 Last Calibration: 870527 10:37

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 451
Retention Time: 36.42 min.
Quant Ion: 117.0
Area: 236037
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



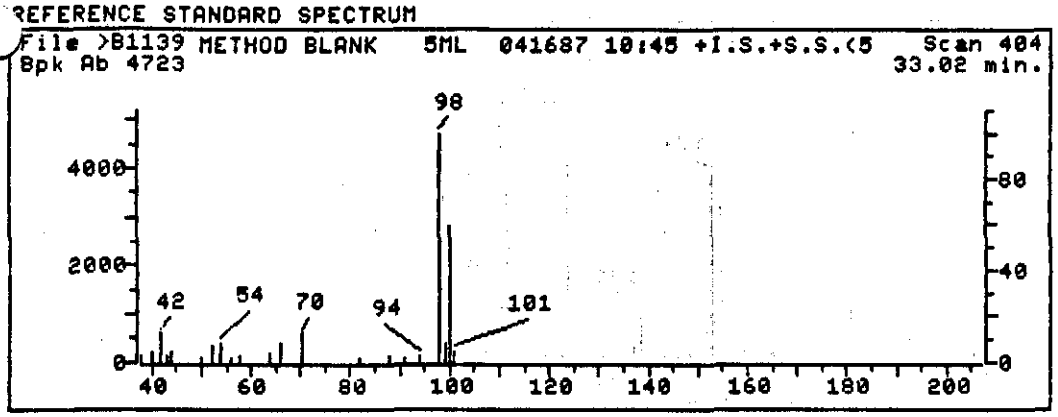
SAMPLE SPECTRUM



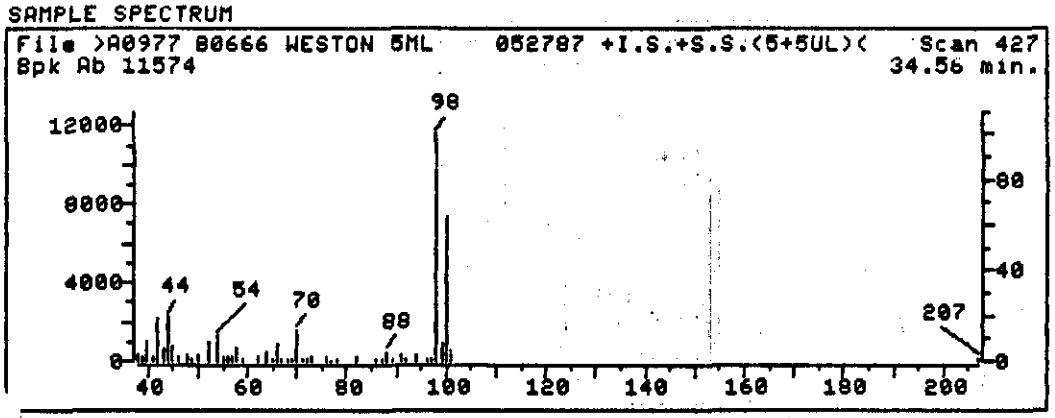
Data File: >A0977::D2 Quant Output File: ^A0977::M2
Name: B0666 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 15:34 Quant ID File: IDVOL5::M1
Injected at: 870527 14:40 Last Calibration: 870527 10:37

Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.79 min.
Quant Ion: 91.0
Area: 20134
Concentration: 1.62 UG/L
q-value: 89

REFERENCE STANDARD SPECTRUM



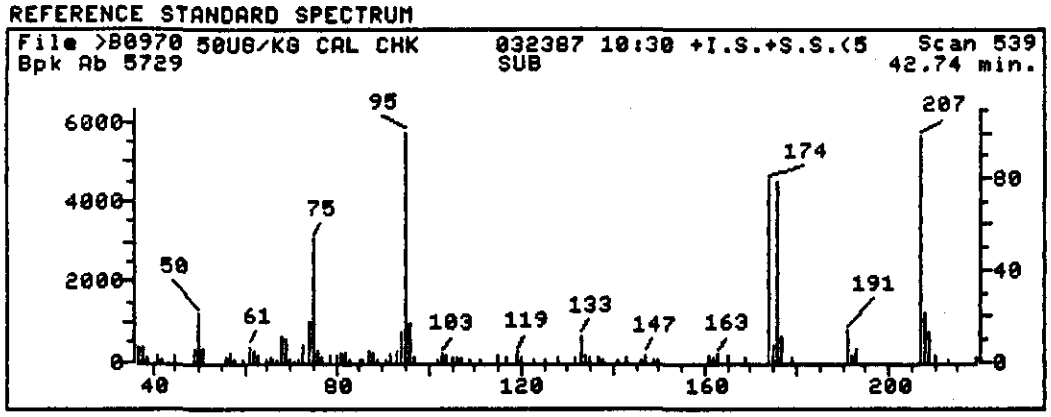
SAMPLE SPECTRUM



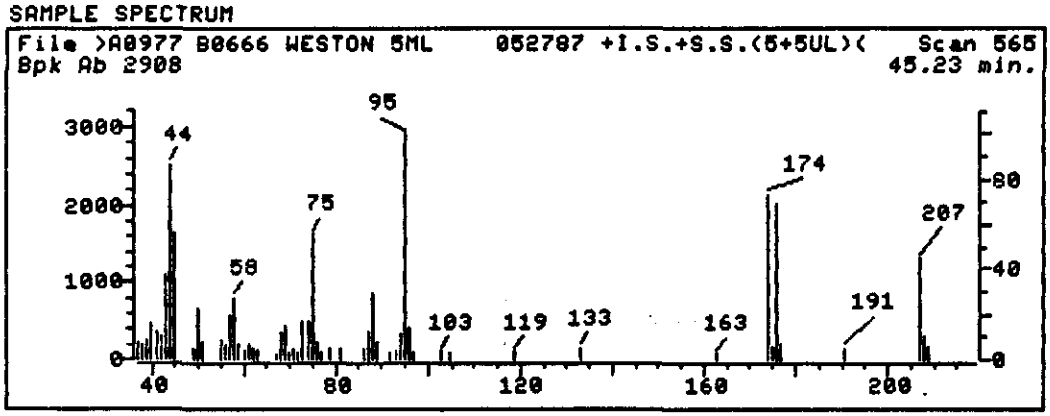
Data File: >A0977::D2 Quant Output File: ^A0977::M2
Name: B0666 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 15:34 Quant ID File: IDVOL5::M1
Injected at: 870527 14:40 Last Calibration: 870527 10:37

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 427
Retention Time: 34.56 min.
Quant Ion: 98.0
Area: 313411
Concentration: 51.69 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0977::D2 Quant Output File: ^A0977::M2
Name: B0666 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 15:34 Quant ID File: IDVOL5::M1
Injected at: 870527 14:40 Last Calibration: 870527 10:37

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 565
Retention Time: 45.23 min.
Quant Ion: 95.0
Area: 185649
Concentration: 47.10 UG/L
q-value: 100

#125

Sample Number
80667

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >A0979::02
Sample Matrix: WATER
Data release Authorized by: Richard W Fynn

Case No.: N/A
CC Report No.: 47
Contract No.: N/A
Date Sample Received: 22 MAY 97

Volatile Compounds
Concentration: Low Medium (Circle One)
Date Extracted: N/A
Date Analyzed: 5/27/97 15:40
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
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75-09-2	Methylene Chloride	2.	B,J	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	18.	B	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.

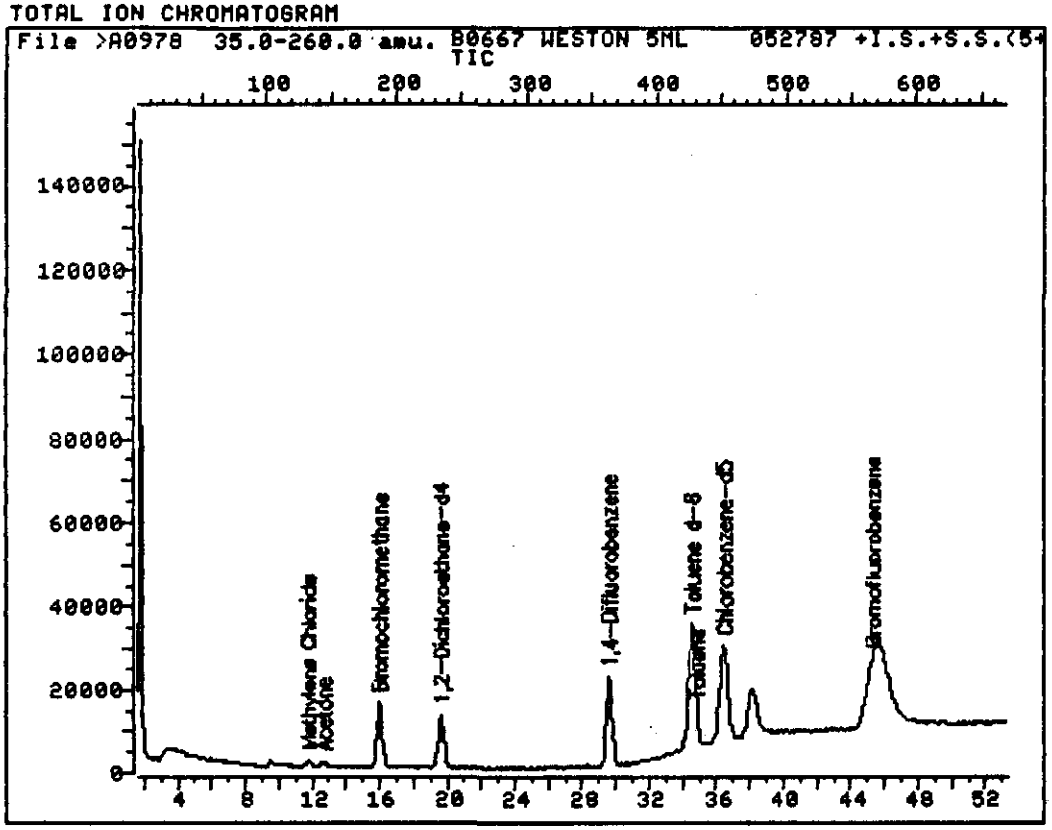
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

AR400230

TOTAL ION CHROMATOGRAM



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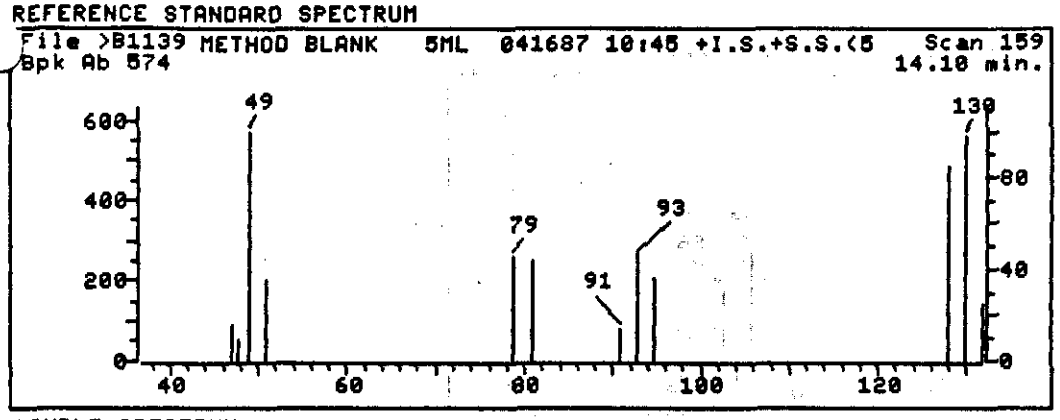
Name: B0667 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

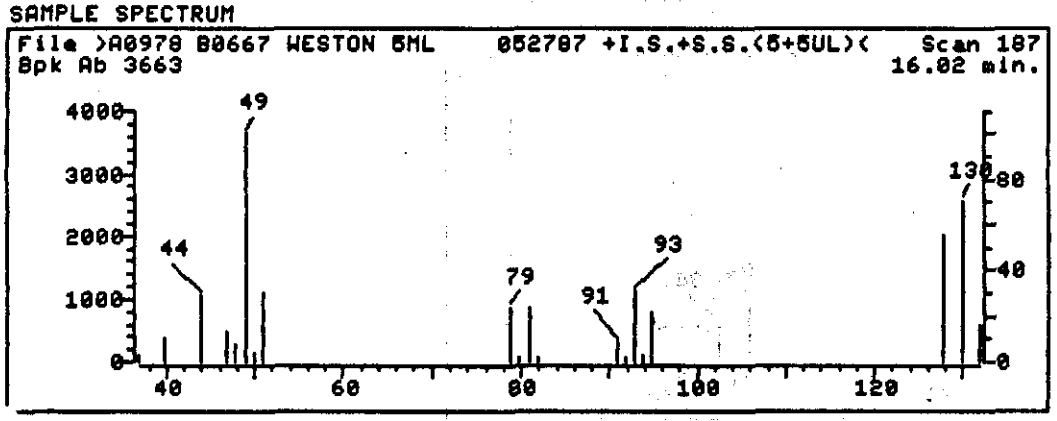
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870527 10:37

Operator ID: DT9093
Quant Time: 870527 16:34
Injected at: 870527 15:40

REFERENCE STANDARD SPECTRUM



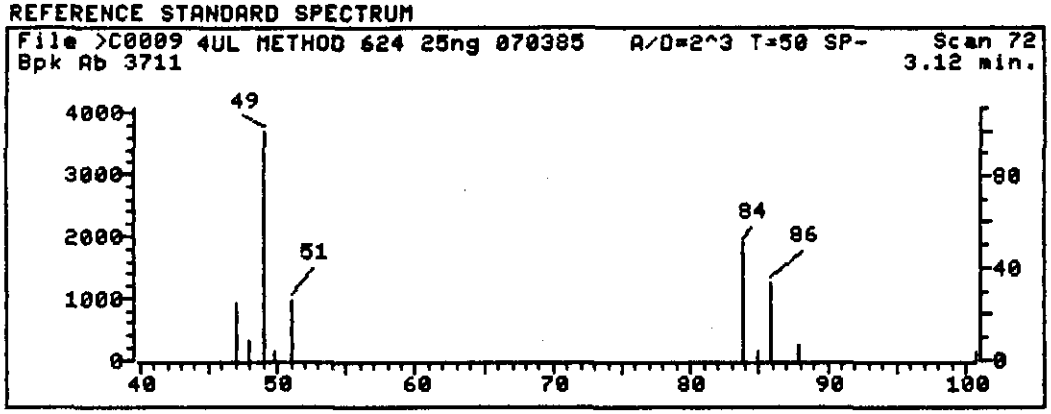
SAMPLE SPECTRUM



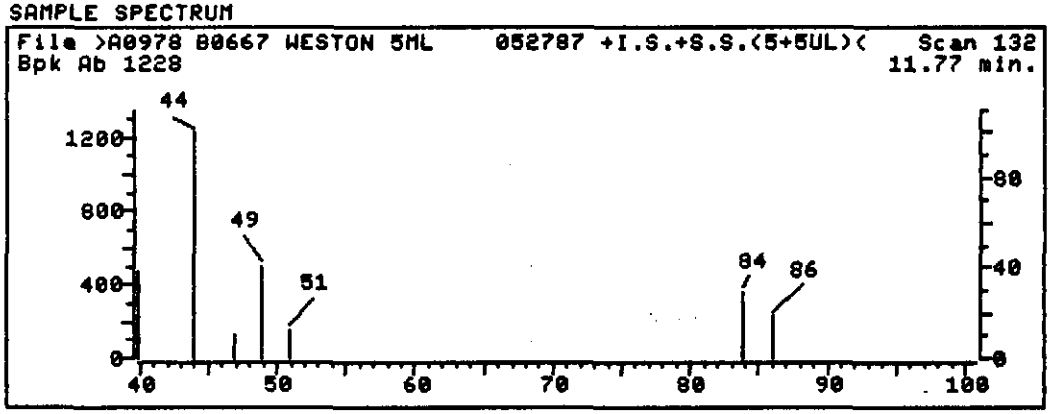
Data File: >A0978::D2 Quant Output File: ^A0978::M2
Name: B0667 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 16:34 Quant ID File: IDVOL5::M1
Injected at: 870527 15:40 Last Calibration: 870527 10:37

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 187
Retention Time: 16.02 min.
Quant Ion: 49.0
Area: 80972
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM

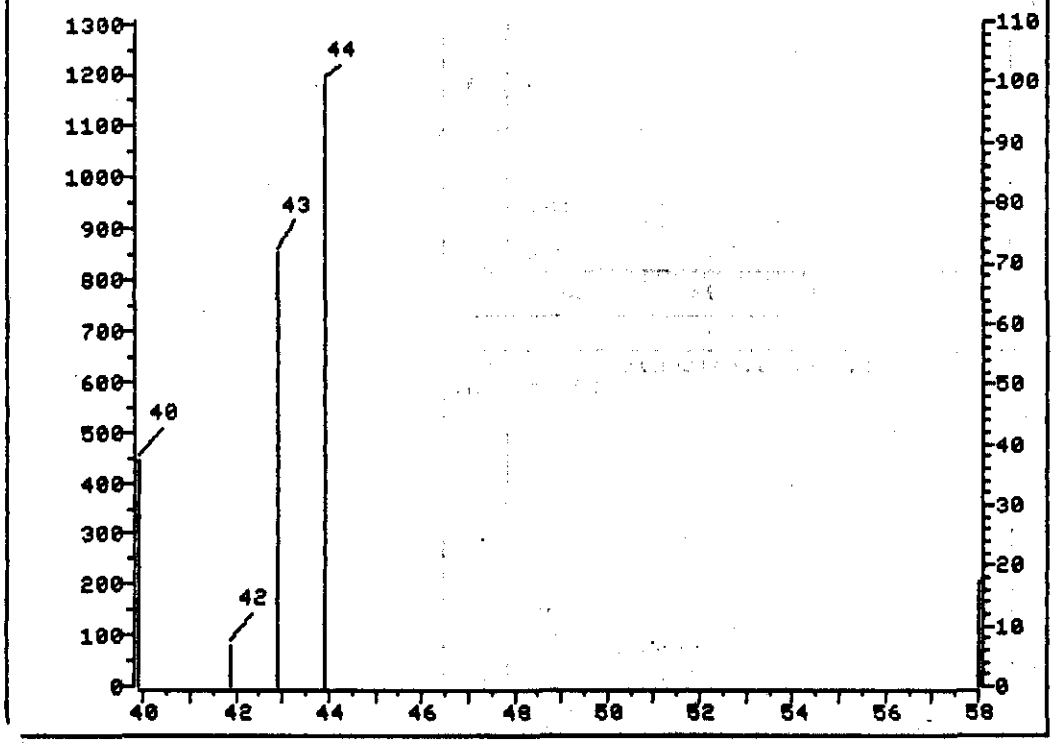


Data File: >A0978::D2 Quant Output File: ^A0978::M2
Name: B0667 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 16:34 Quant ID File: IDVOL5::M1
Injected at: 870527 15:40 Last Calibration: 870527 10:37

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 132
Retention Time: 11.77 min.
Quant Ion: 49.0
Area: 10618
Concentration: 2.38 UG/L
q-value: 68.

SAMPLE SPECTRUM

File >A0978 B0667 WESTON 5ML 052787 +I.S.+S.S.(5+5UL)(Scan 144
Bpk Ab 1188 12.70 min.

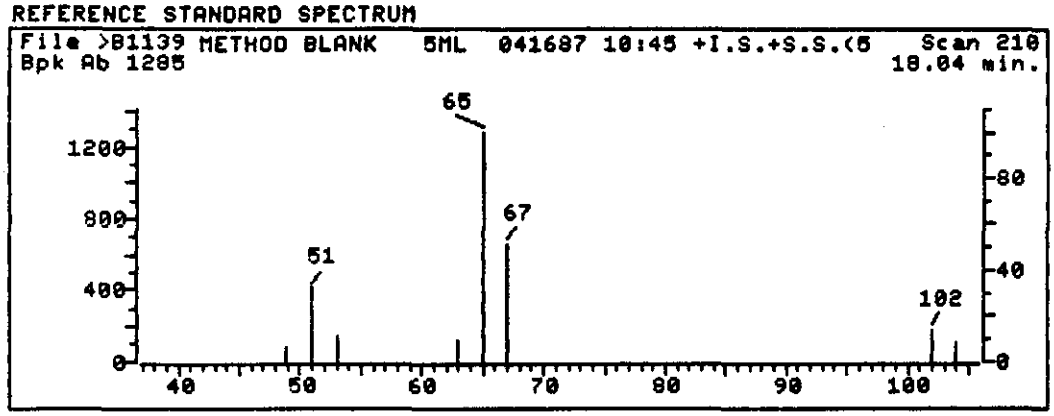


Data File: >A0978::D2 Quant Output File: ^A0978::M2
Name: B0667 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 16:34 Quant ID File: IDVOL5::M1
Injected at: 870527 15:40 Last Calibration: 870527 10:37

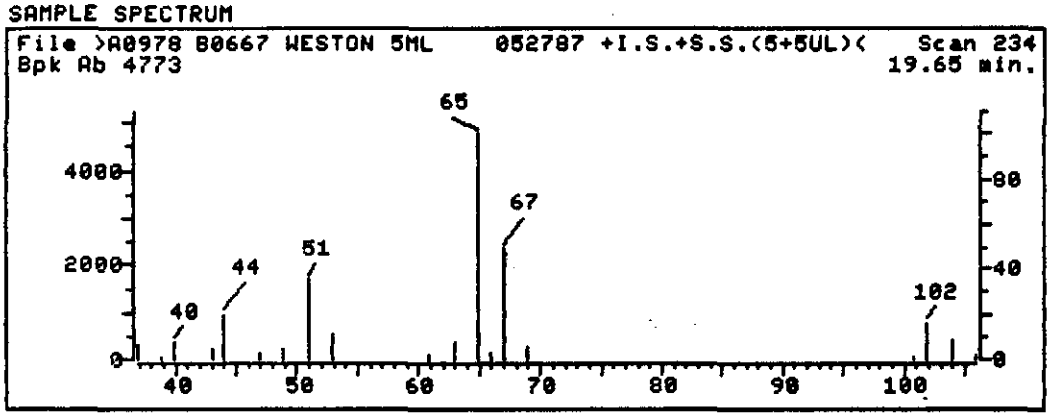
Compound No: 10
Compound Name: Acetone
Scan Number: 144
Retention Time: 12.70 min.
Quant Ion: 43.0
Area: 19156
Concentration: 17.81 UG/L
q-value: 91

AR400234

REFERENCE STANDARD SPECTRUM



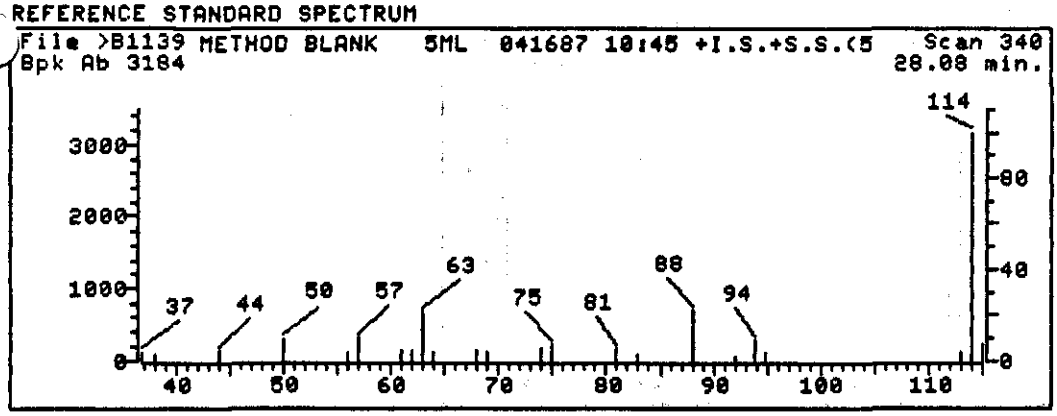
SAMPLE SPECTRUM



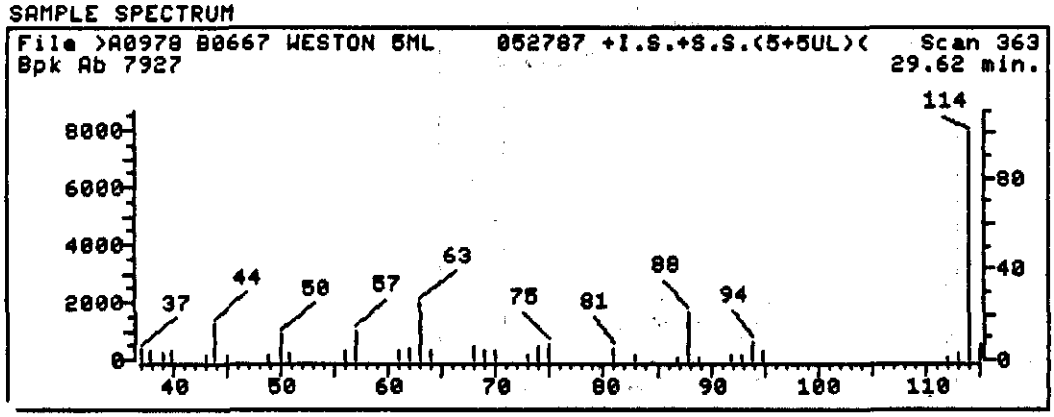
Data File: >A0978::D2 Quant Output File: ^A0978::M2
Name: B0667 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 16:34 Quant ID File: IDVOL5::M1
Injected at: 870527 15:40 Last Calibration: 870527 10:37

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.65 min.
Quant Ion: 65.0
Area: 112439
Concentration: 49.75 UG/L
q-value: 98

REFERENCE STANDARD SPECTRUM



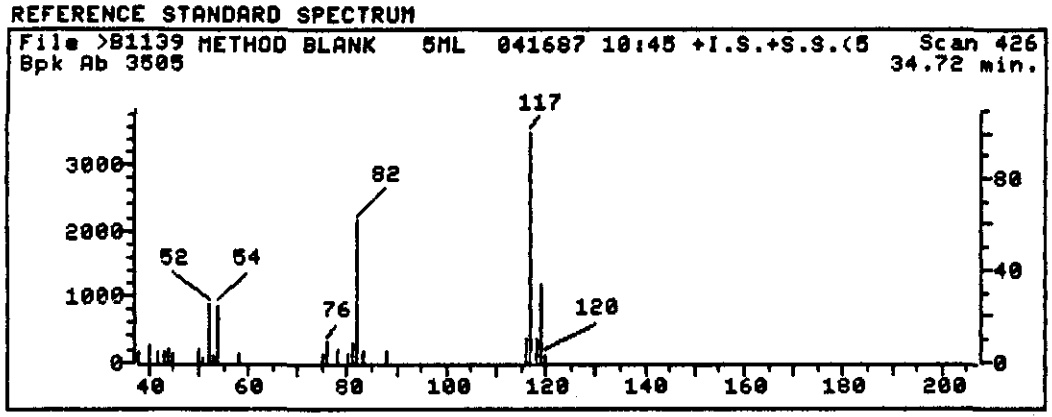
SAMPLE SPECTRUM



Data File: >A0978::D2 Quant Output File: ^A0978::M2
Name: B0667 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 16:34 Quant ID File: IDVOL5::M1
Injected at: 870527 15:40 Last Calibration: 870527 10:37

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.62 min.
Quant Ion: 114.0
Area: 196055
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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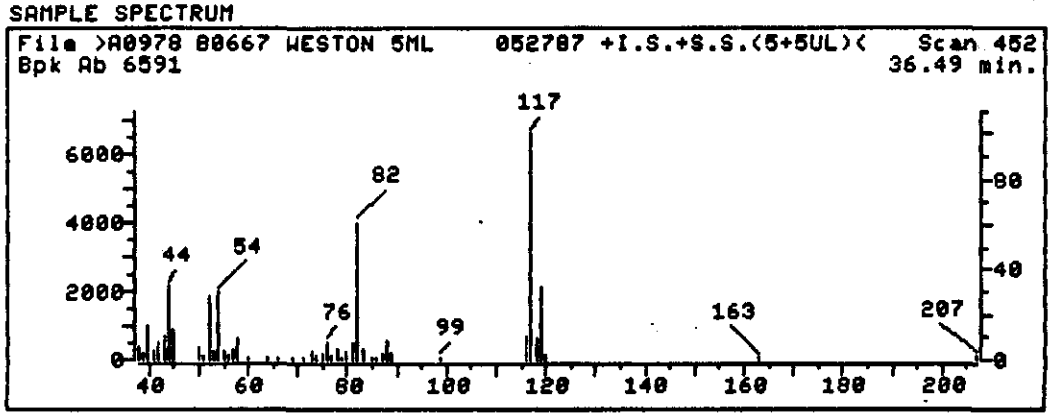
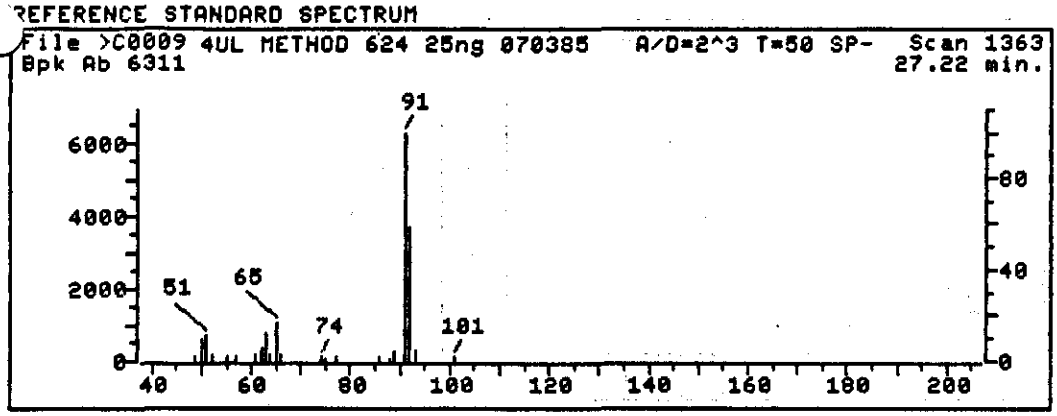


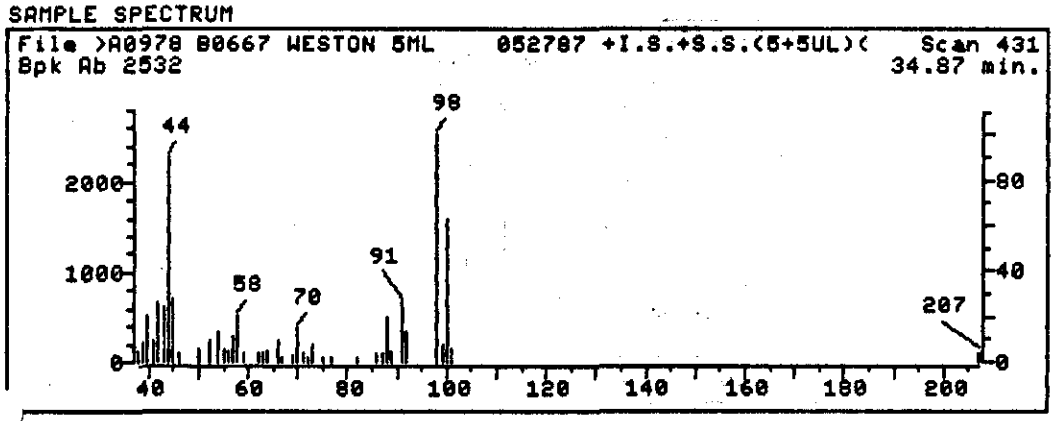
Data File: >A0978::D2 Quant Output File: ^A0978::M2
Name: B0667 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 16:34 Quant ID File: IDVOL5::M1
Injected at: 870527 15:40 Last Calibration: 870527 10:37

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 452
Retention Time: 36.49 min.
Quant Ion: 117.0
Area: 220127
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



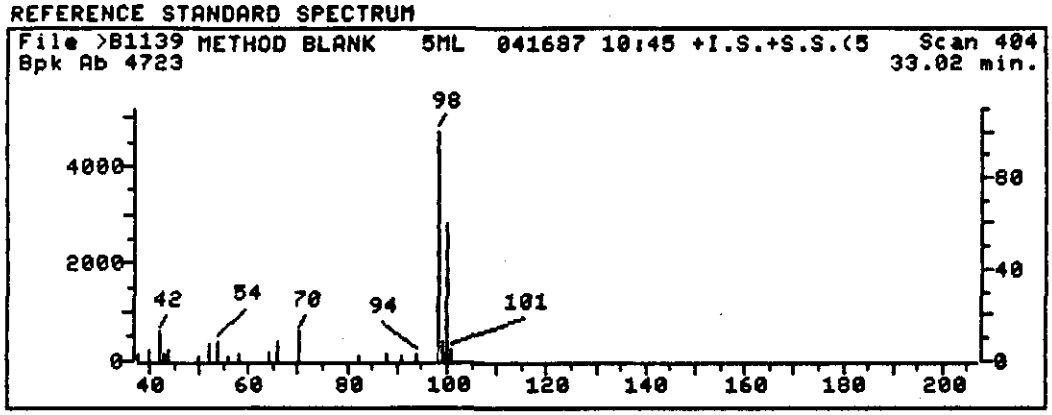
SAMPLE SPECTRUM



Data File: >A0978::D2 Quant Output File: ^A0978::M2
Name: B0667 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 16:34 Quant ID File: IDVOL5::M1
Injected at: 870527 15:40 Last Calibration: 870527 10:37

Compound No: 39
Compound Name: Toluene
Scan Number: 431
Retention Time: 34.87 min.
Quant Ion: 91.0
Area: 18798
Concentration: 1.62 UG/L
q-value: 88

REFERENCE STANDARD SPECTRUM



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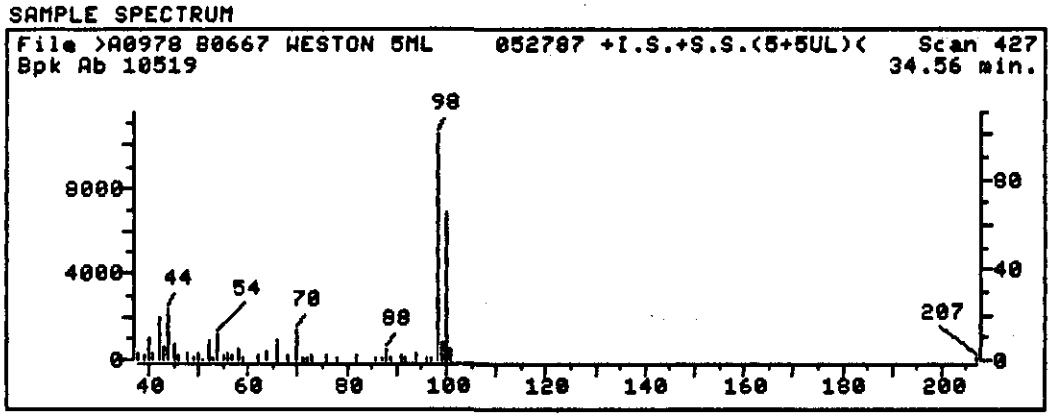
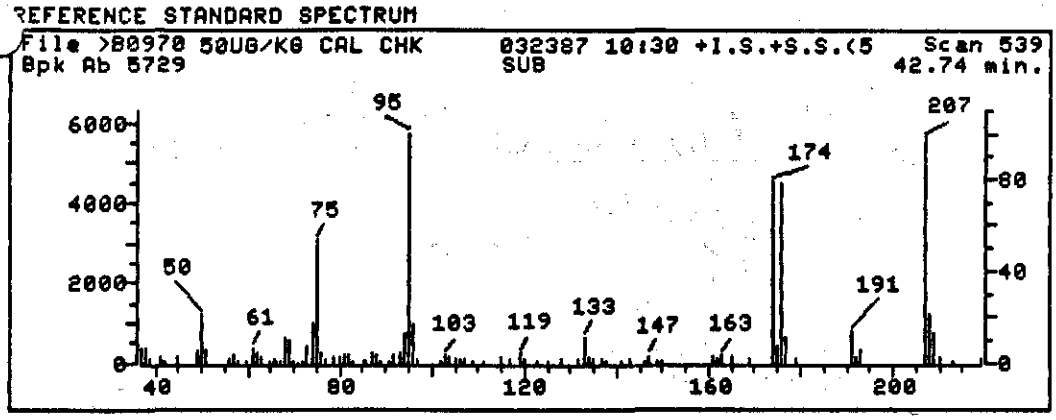


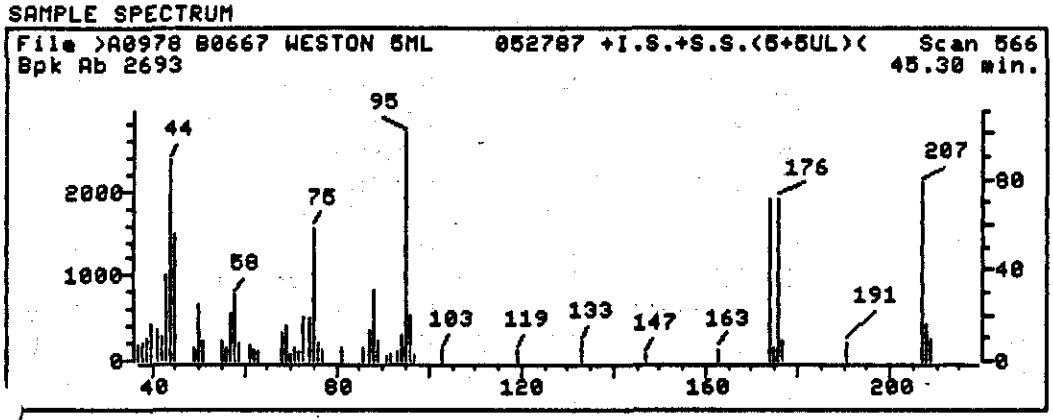
Data File: >A0978::D2 Quant Output File: ^A0978::M2
Name: B0667 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 16:34 Quant ID File: IDVOL5::M1
Injected at: 870527 15:40 Last Calibration: 870527 10:37

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 427
Retention Time: 34.56 min.
Quant Ion: 98.0
Area: 288833
Concentration: 51.08 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0978::D2 Quant Output File: ^A0978::M2
Name: B0667 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 16:34 Quant ID File: IDVOL5::M1
Injected at: 870527 15:40 Last Calibration: 870527 10:37

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 566
Retention Time: 45.30 min.
Quant Ion: 95.0
Area: 175808
Concentration: 47.83 UG/L
q-value: 100

AR400240

#26

Sample Number
E0668

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >A0979::D2
Sample Matrix: WATER
Data release Authorized by: Richard W Synk

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 16:39
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
107-02-9	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	13.	B	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.

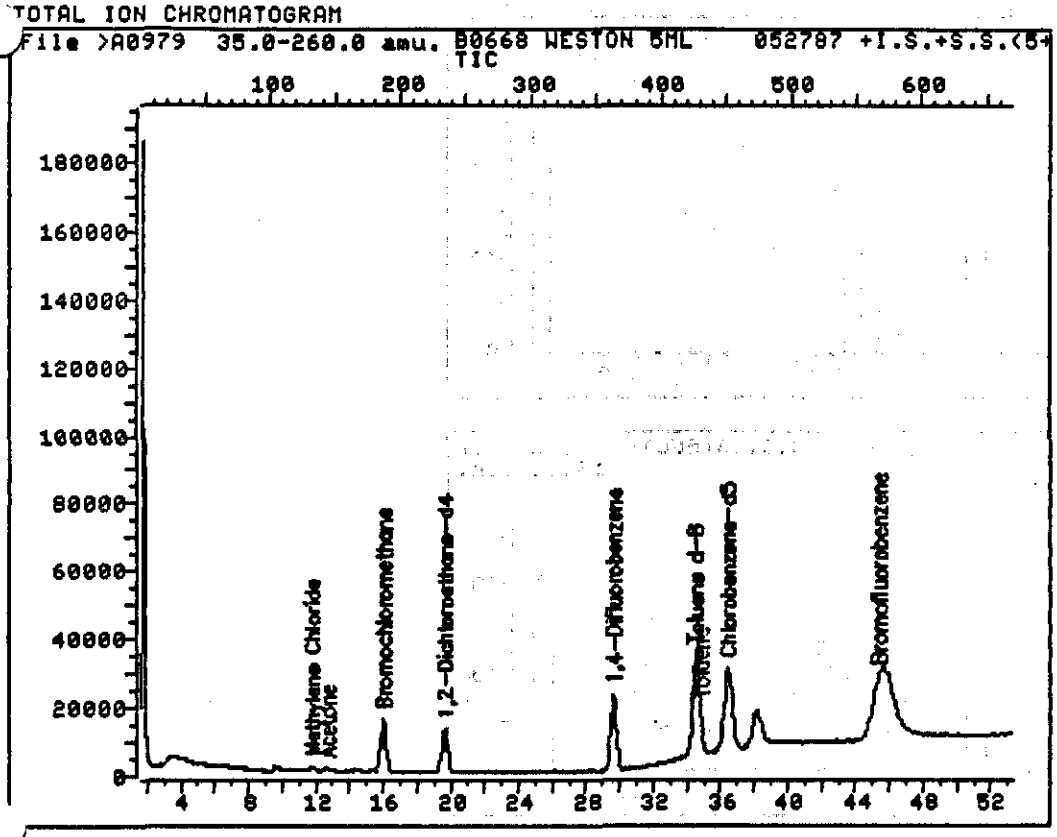
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

AR400241

TOTAL ION CHROMATOGRAM

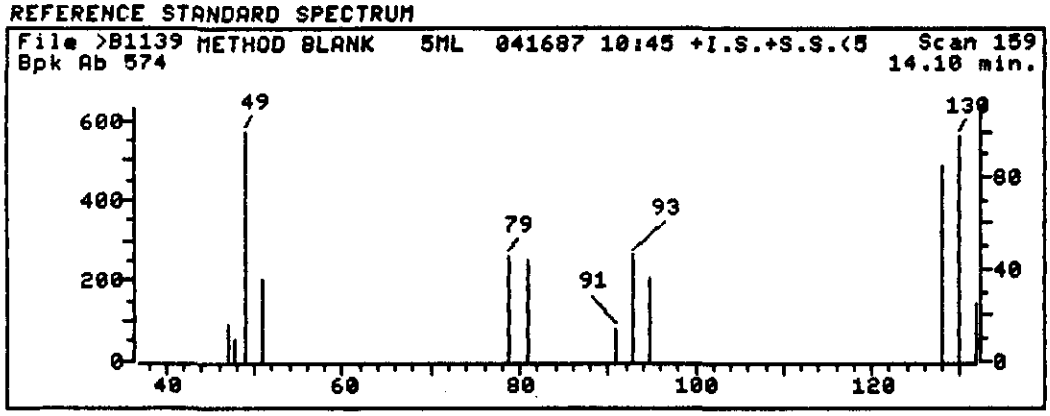


Data File: >A0979::D2 Quant Output File: ^A0979::M2
Name: B0668 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

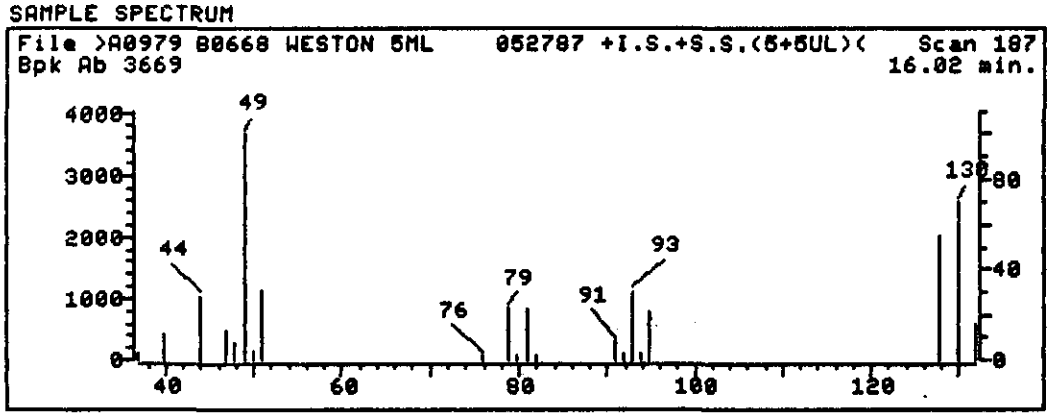
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870527 10:37

Operator ID: DT9093
Quant Time: 870527 17:33
Injected at: 870527 16:39

REFERENCE STANDARD SPECTRUM



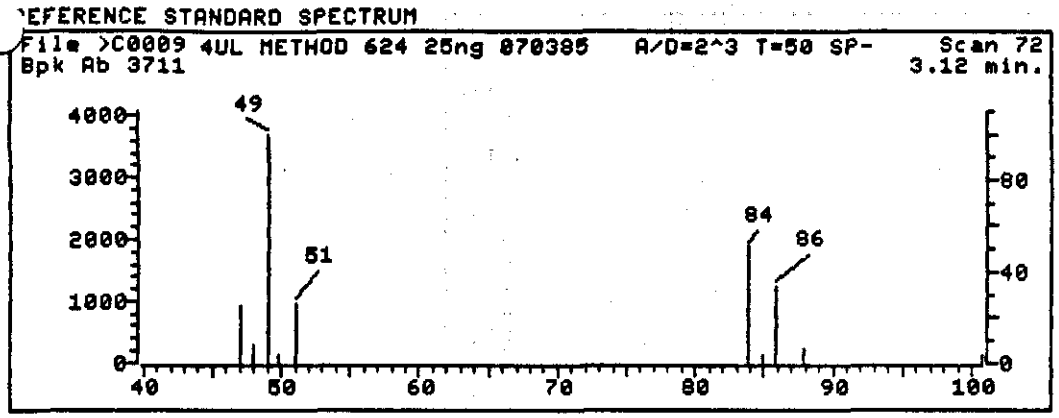
SAMPLE SPECTRUM



Data File: >A0979::D2 Quant Output File: ^A0979::M2
Name: B0668 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 17:33 Quant ID File: IDVOL5::M1
Injected at: 870527 16:39 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: 81527
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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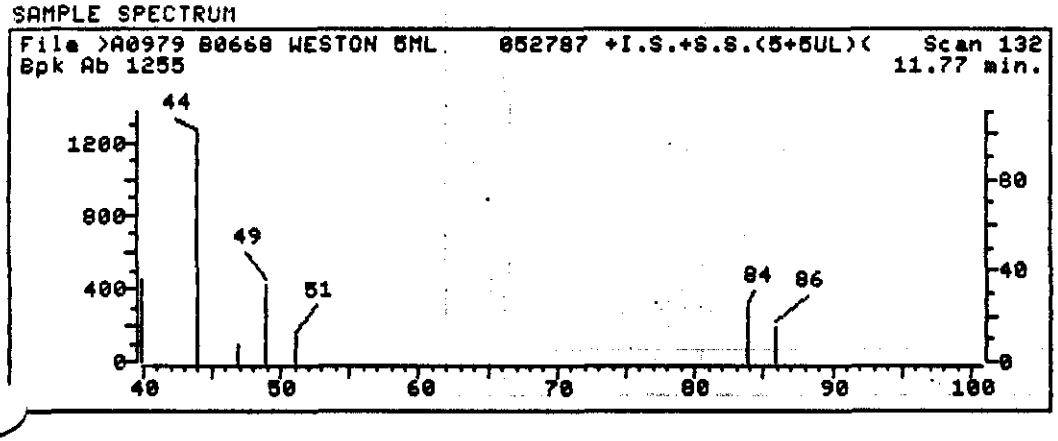
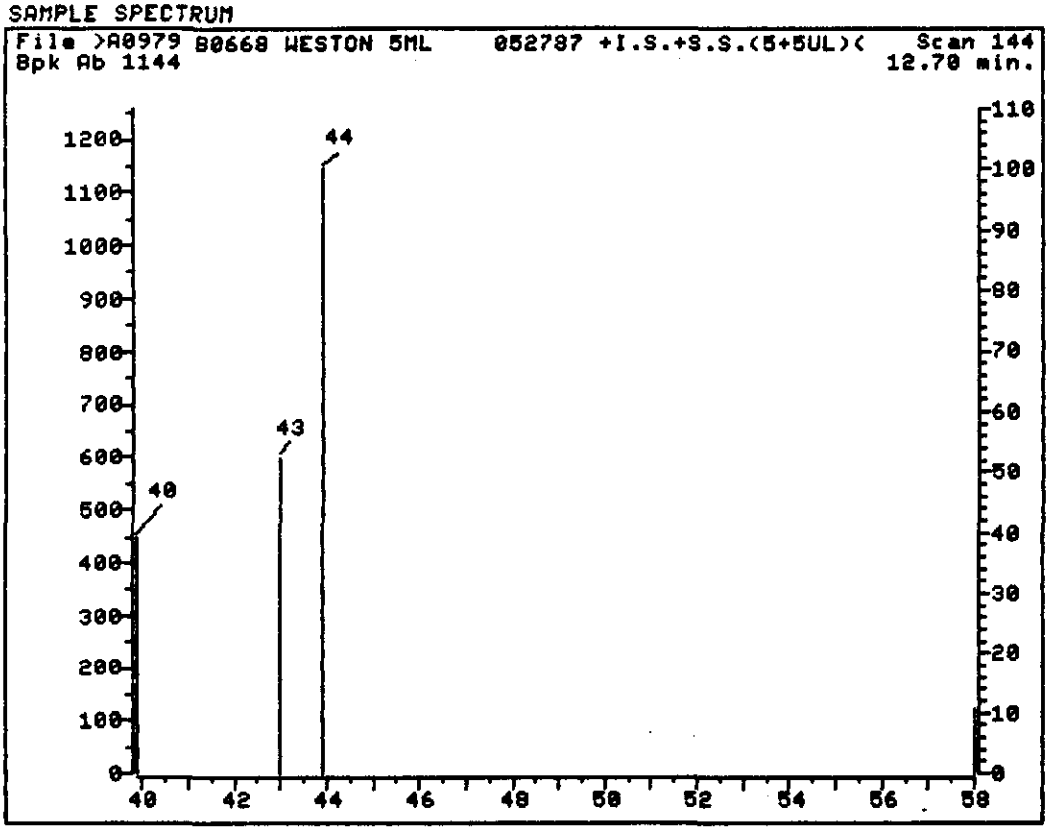


Data File: >A0979::D2 Quant Output File: ^A0979::M2
Name: B0668 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 17:33 Quant ID File: IDVOL5::M1
Injected at: 870527 16:39 Last Calibration: 870527 10:37

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 132
Retention Time: 11.77 min.
Quant Ion: 49.0
Area: 8991
Concentration: 2.00 UG/L
q-value: 70

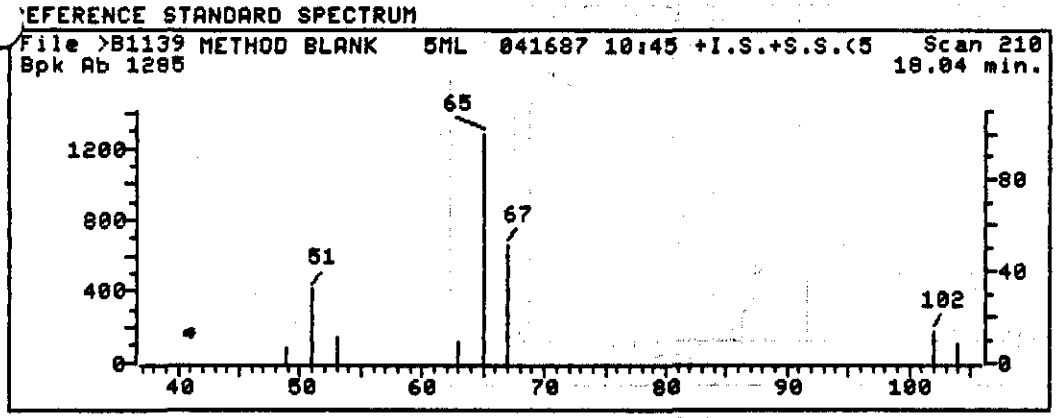
SAMPLE SPECTRUM



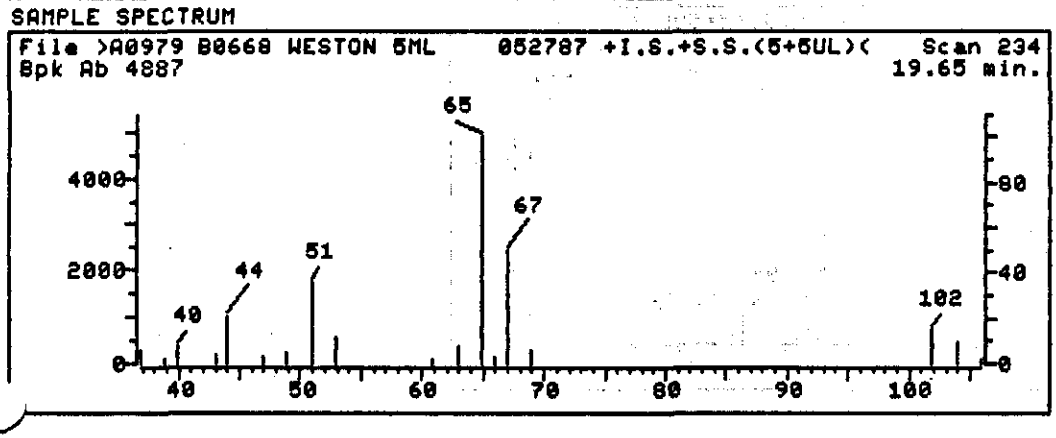
Data File: >A0979::D2 Quant Output File: ^A0979::M2
Name: B0668 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 17:33 Quant ID File: IDVOL5::M1
Injected at: 870527 16:39 Last Calibration: 870527 10:37

Compound No: 10
Compound Name: Acetone
Scan Number: 144
Retention Time: 12.70 min.
Quant Ion: 43.0
Area: 14192
Concentration: 13.11 UG/L
q-value: 99

EFERENCE STANDARD SPECTRUM



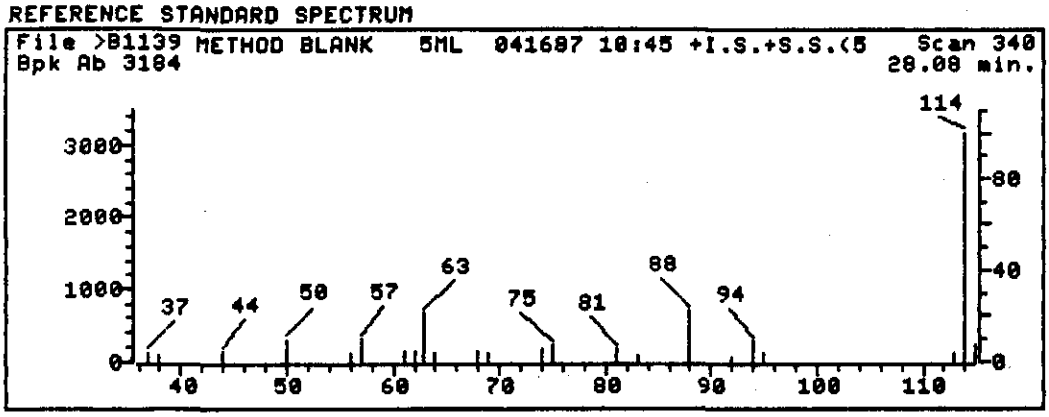
SAMPLE SPECTRUM



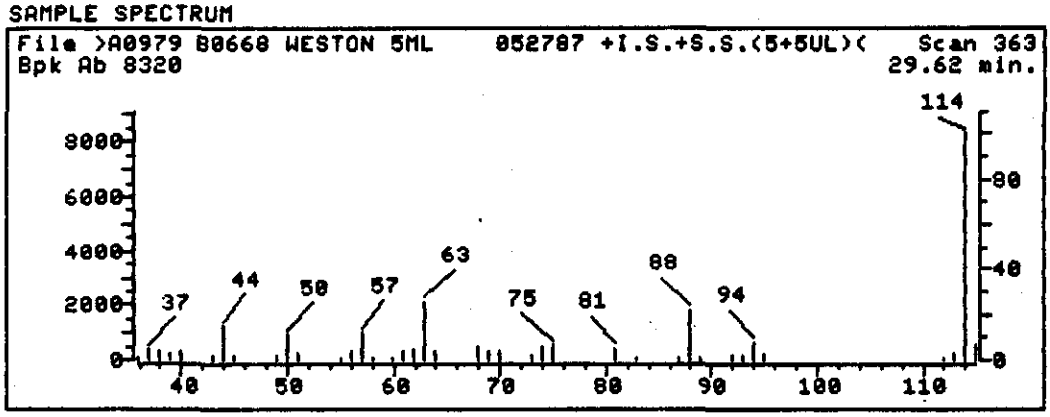
Data File: >A0979::D2 Quant Output File: ^A0979::M2
Name: B0668 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 17:33 Quant ID File: IDVOL5::M1
Injected at: 870527 16:39 Last Calibration: 870527 10:37

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.65 min.
Quant Ion: 65.0
Area: 114259
Concentration: 50.21 UG/L
q-value: 97

REFERENCE STANDARD SPECTRUM



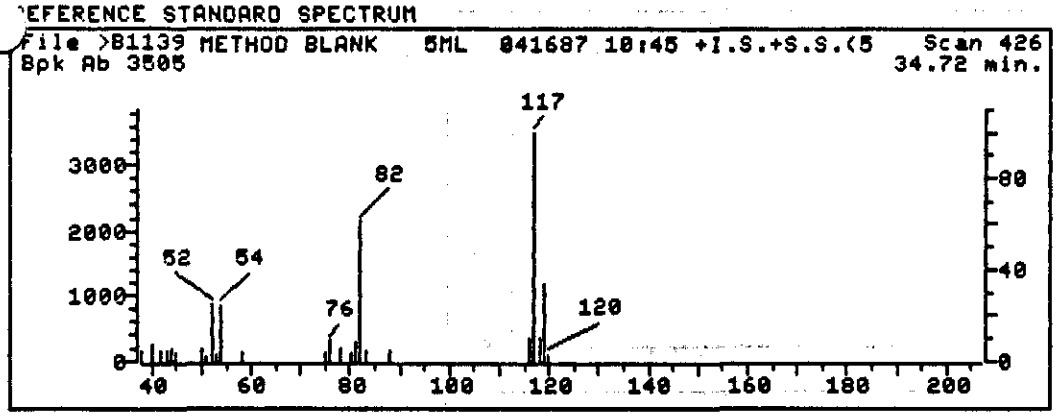
SAMPLE SPECTRUM



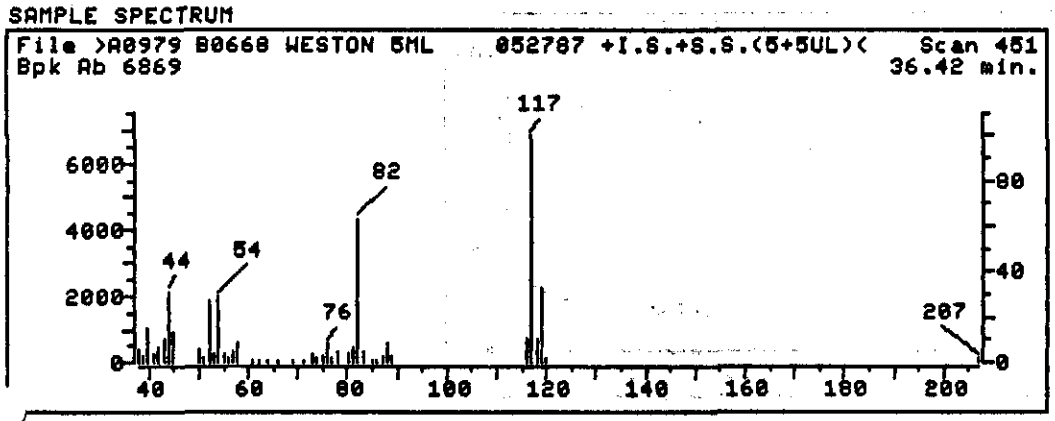
Data File: >A0979::D2 Quant Output File: ^A0979::M2
Name: B0668 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 17:33 Quant ID File: IDVOL5::M1
Injected at: 870527 16:39 Last Calibration: 870527 10:37

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.62 min.
Quant Ion: 114.0
Area: 202416
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



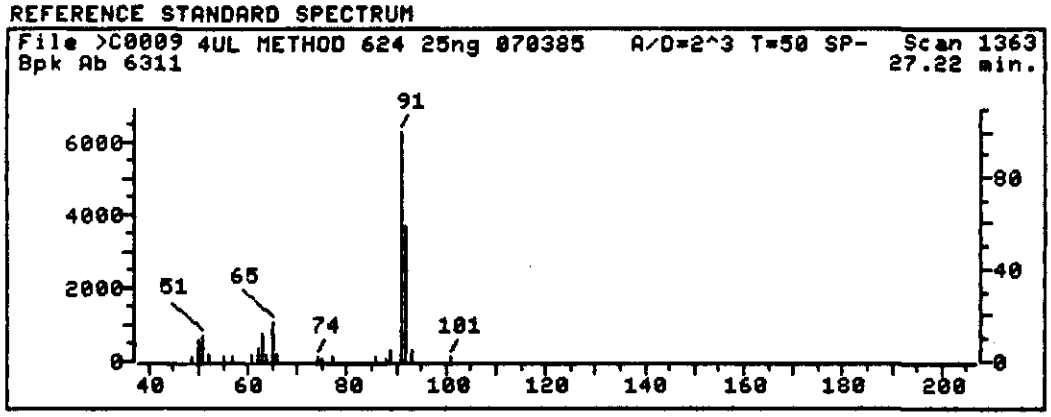
SAMPLE SPECTRUM



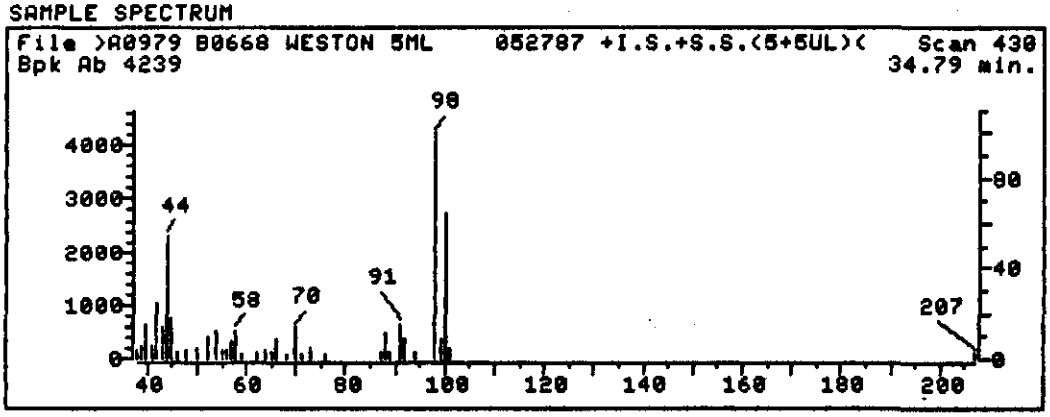
Data File: >A0979::D2 Quant Output File: ^A0979::M2
Name: B0668 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 17:33 Quant ID File: IDVOL5::M1
Injected at: 870527 16:39 Last Calibration: 870527 10:37

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 451
Retention Time: 36.42 min.
Quant Ion: 117.0
Area: 230968
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



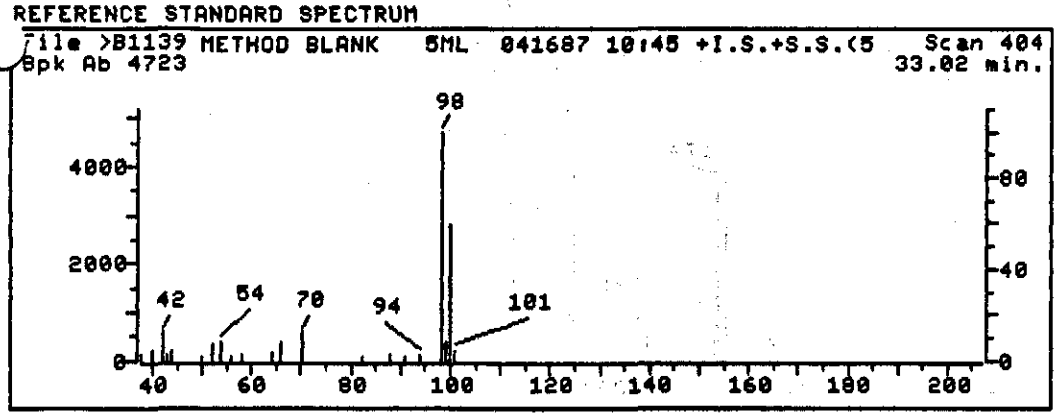
SAMPLE SPECTRUM



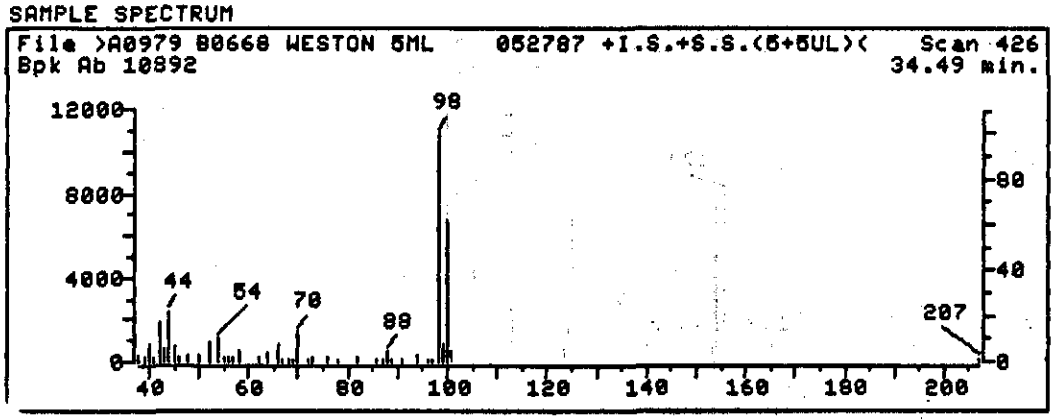
Data File: >A0979::D2 Quant Output File: ^A0979::M2
Name: B0668 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 17:33 Quant ID File: IDVOL5::M1
Injected at: 870527 16:39 Last Calibration: 870527 10:37

Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.79 min.
Quant Ion: 91.0
Area: 18408
Concentration: 1.51 UG/L
q-value: 93

REFERENCE STANDARD SPECTRUM



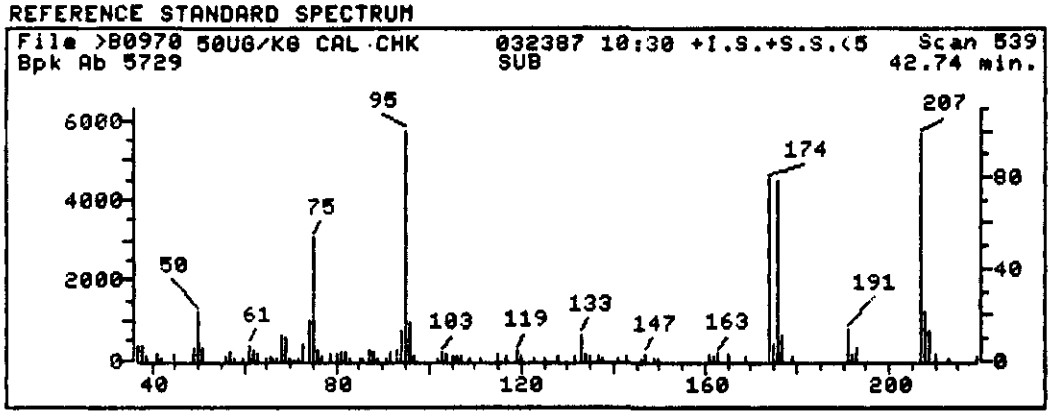
SAMPLE SPECTRUM



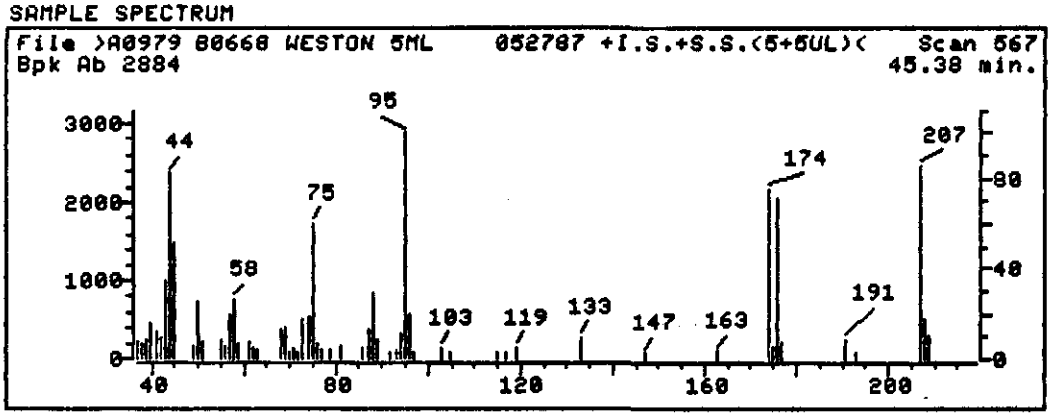
Data File: >A0979::D2 Quant Output File: ^A0979::M2
Name: B0668 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 17:33 Quant ID File: IDVOL5::M1
Injected at: 870527 16:39 Last Calibration: 870527 10:37

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 426
Retention Time: 34.49 min.
Quant Ion: 98.0
Area: 302008
Concentration: 50.90 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0979::D2 Quant Output File: ^A0979::M2
Name: B0668 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 17:33 Quant ID File: IDVOL5::M1
Injected at: 870527 16:39 Last Calibration: 870527 10:37

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 567
Retention Time: 45.38 min.
Quant Ion: 95.0
Area: 185475
Concentration: 48.09 UG/L
q-value: 100

#27

Sample Number
B0669

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >A0986::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: 5/27/87 23:42
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	27.		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.

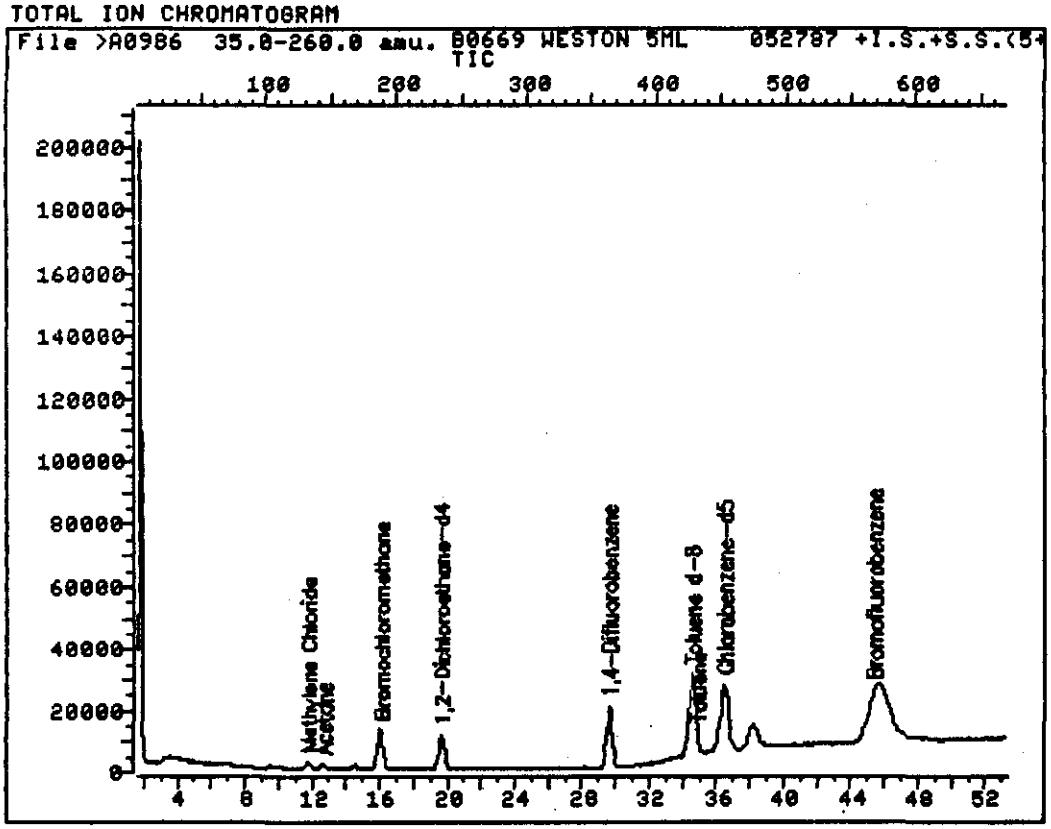
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

AR400252

OPTIONAL FLAGS

N - Compound not present in Calibration File.

TOTAL ION CHROMATOGRAM

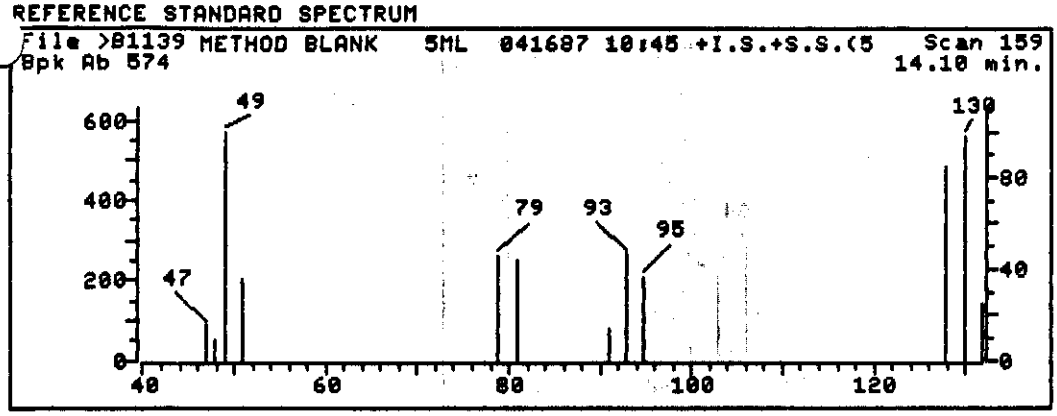


Data File: >A0986::D2 Quant Output File: ^A0986::D3
Name: B0669 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

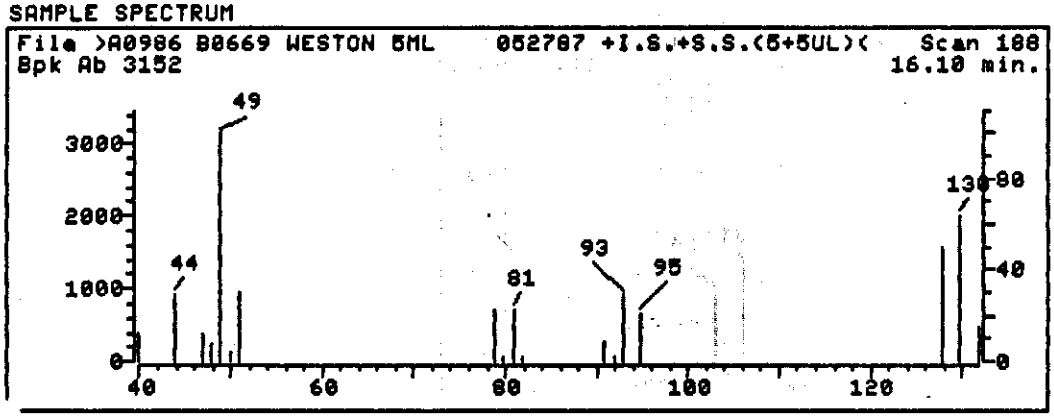
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870601 11:36

Operator ID: USER8
Quant Time: 870601 11:40
Injected at: 870527 23:42

REFERENCE STANDARD SPECTRUM



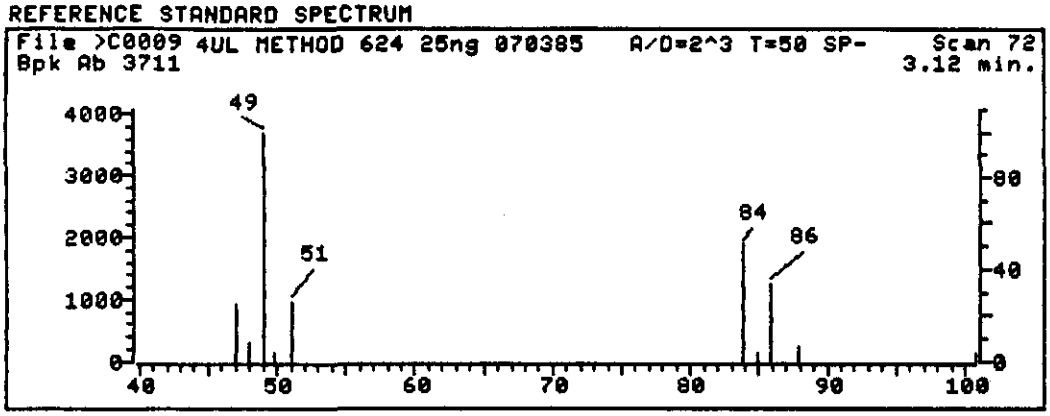
SAMPLE SPECTRUM



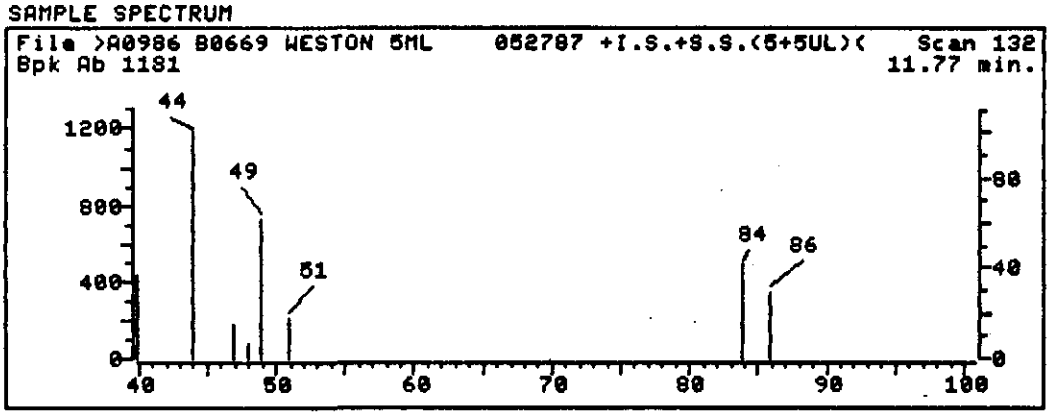
Data File: >A0986::D2 Quant Output File: ^A0986::D3
Name: B0669 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:40 Quant ID File: IDVOL5::M1
Injected at: 870527 23:42 Last Calibration: 870601 11:36

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 188
Retention Time: 16.10 min.
Quant Ion: 49.0
Area: 72671
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



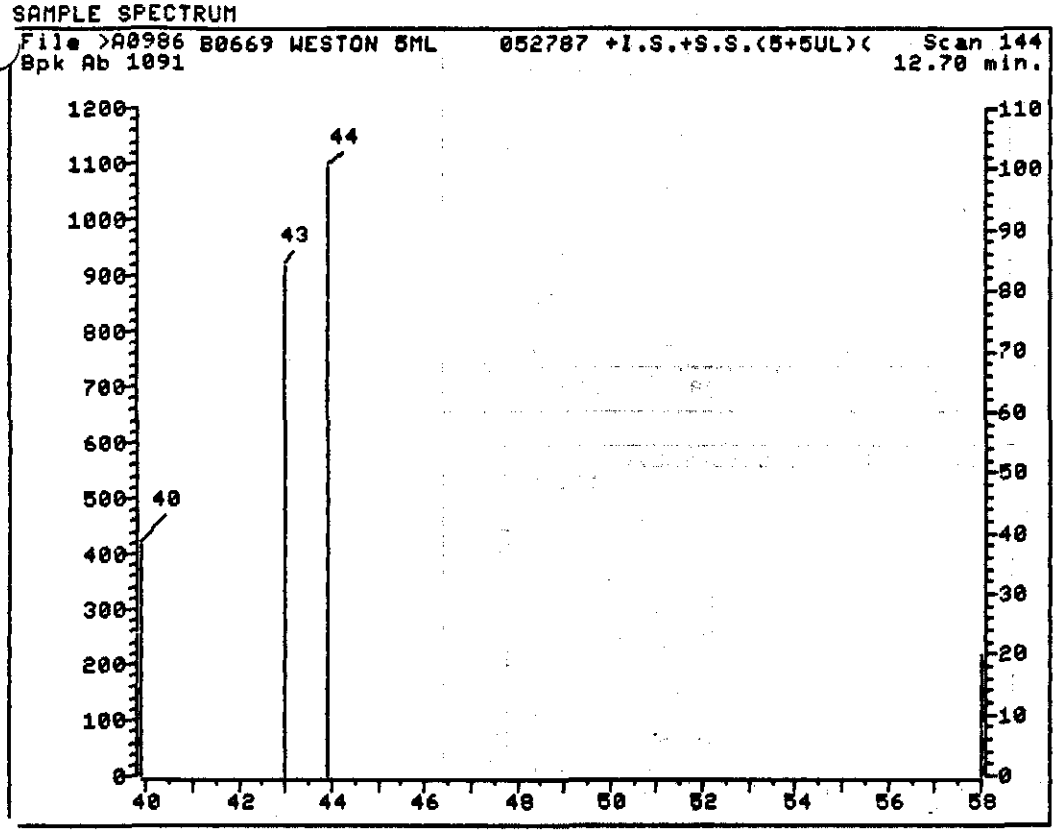
SAMPLE SPECTRUM



Data File: >A0986::D2 Quant Output File: ^A0986::D3
Name: B0669 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:40 Quant ID File: IDVOL5::M1
Injected at: 870527 23:42 Last Calibration: 870601 11:36

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 132
Retention Time: 11.77 min.
Quant Ion: 49.0
Area: 15286
Concentration: 4.28 UG/L
q-value: 73

SAMPLE SPECTRUM

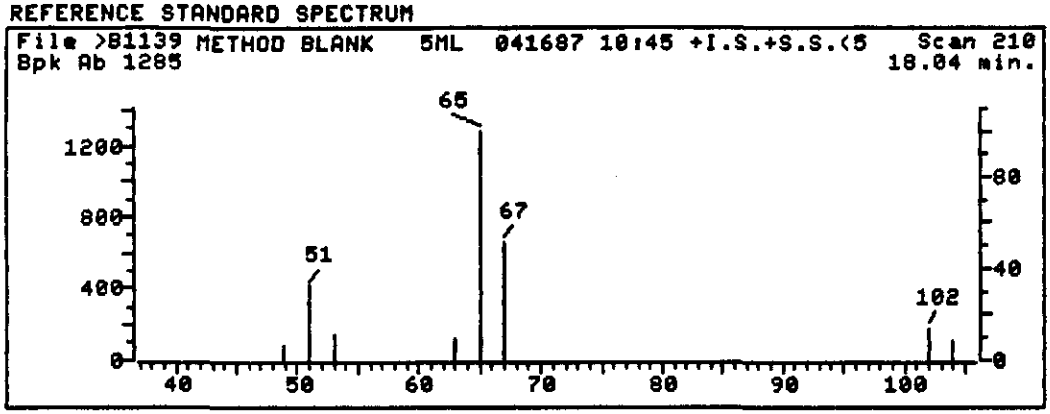


Data File: >A0986::D2 Quant Output File: ^A0986::D3
Name: B0669 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:40 Quant ID File: IDVOL5::M1
Injected at: 870527 23:42 Last Calibration: 870601 11:36

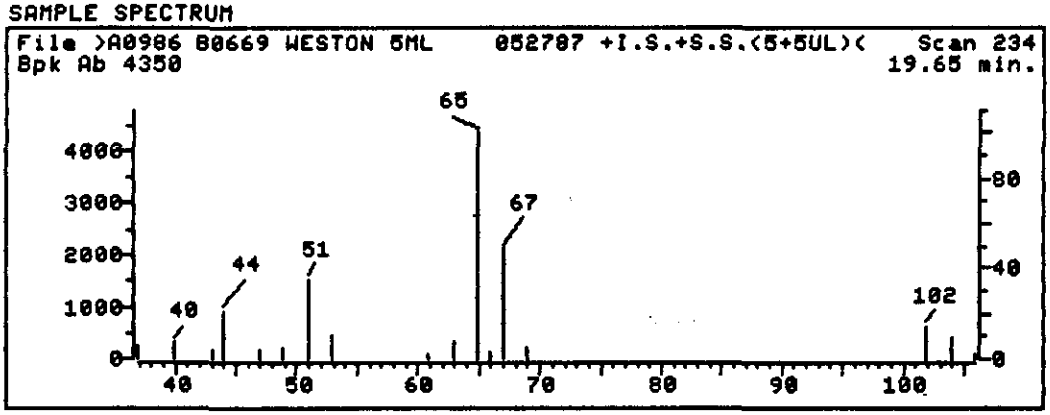
Compound No: 10
Compound Name: Acetone
Scan Number: 144
Retention Time: 12.70 min.
Quant Ion: 43.0
Area: 21932
Concentration: 27.04 UG/L
q-value: 92

AR400256

REFERENCE STANDARD SPECTRUM



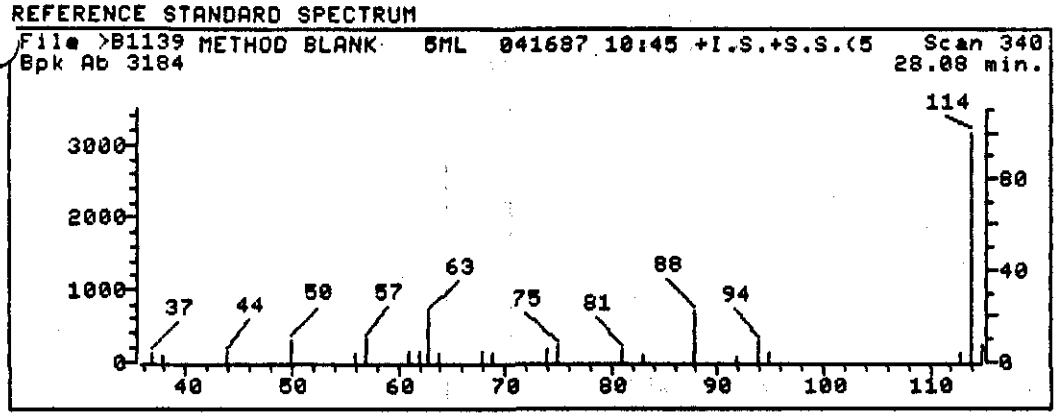
SAMPLE SPECTRUM



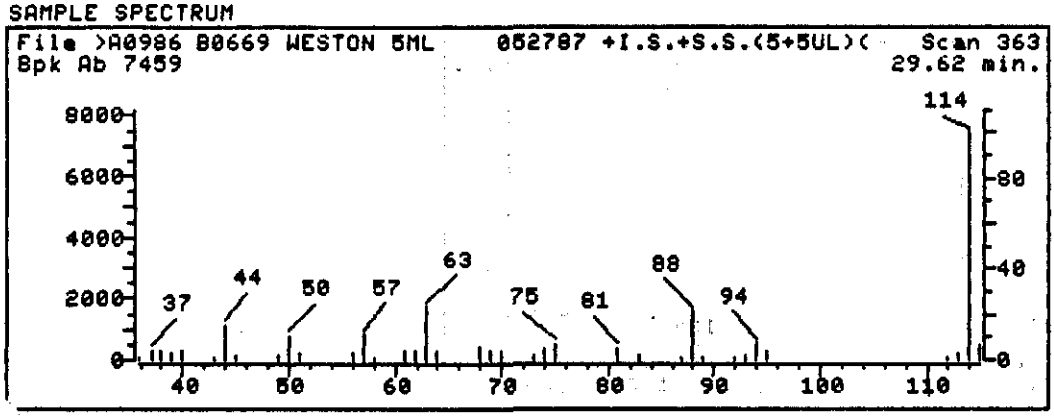
Data File: >A0986::D2 Quant Output File: ^A0986::D3
Name: B0669 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:40 Quant ID File: IDVOL5::M1
Injected at: 870527 23:42 Last Calibration: 870601 11:36

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.65 min.
Quant Ion: 65.0
Area: 101102
Concentration: 48.31 UG/L
q-value: 99

REFERENCE STANDARD SPECTRUM



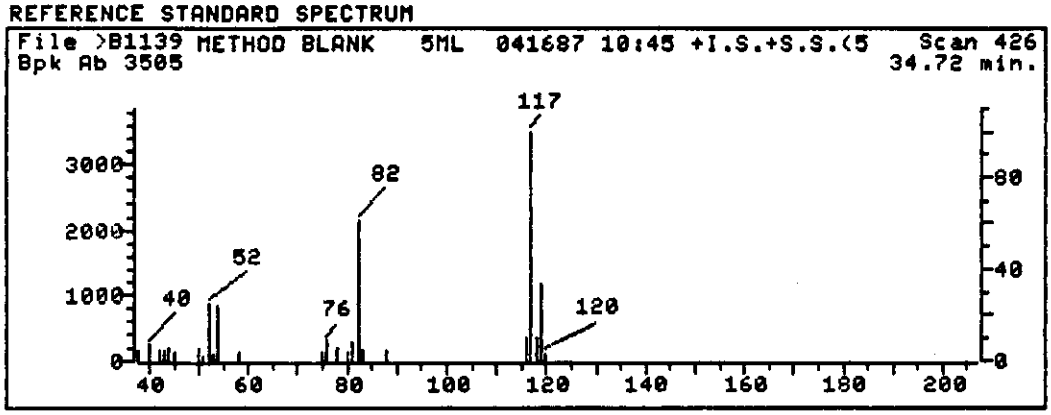
SAMPLE SPECTRUM



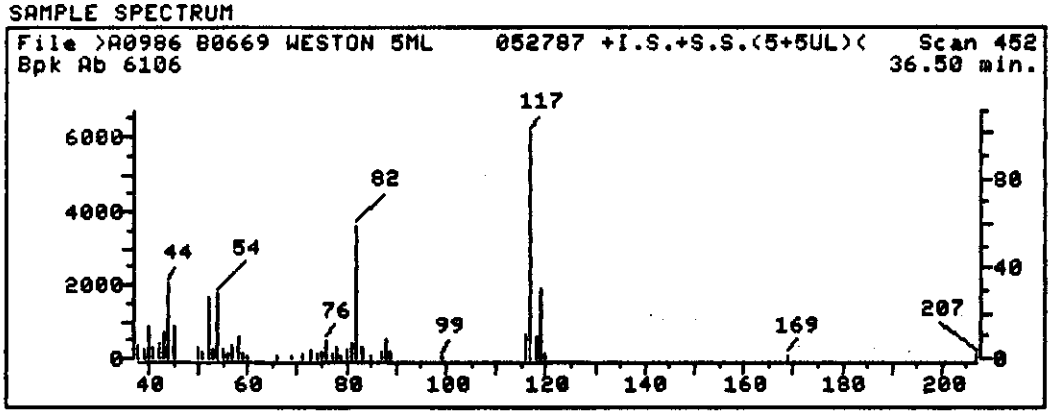
Data File: >A0986::D2 Quant Output File: ^A0986::D3
Name: B0669 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:40 Quant ID File: IDVOL5::M1
Injected at: 870527 23:42 Last Calibration: 870601 11:36

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.62 min.
Quant Ion: 114.0
Area: 177990
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



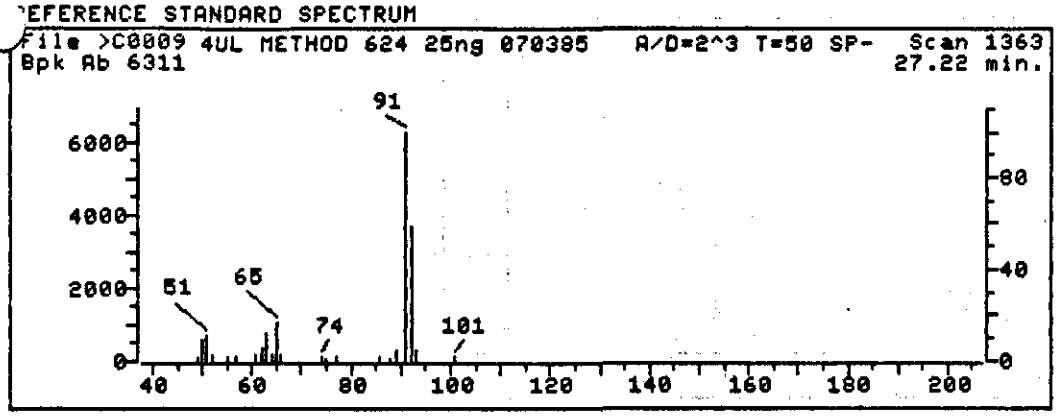
SAMPLE SPECTRUM



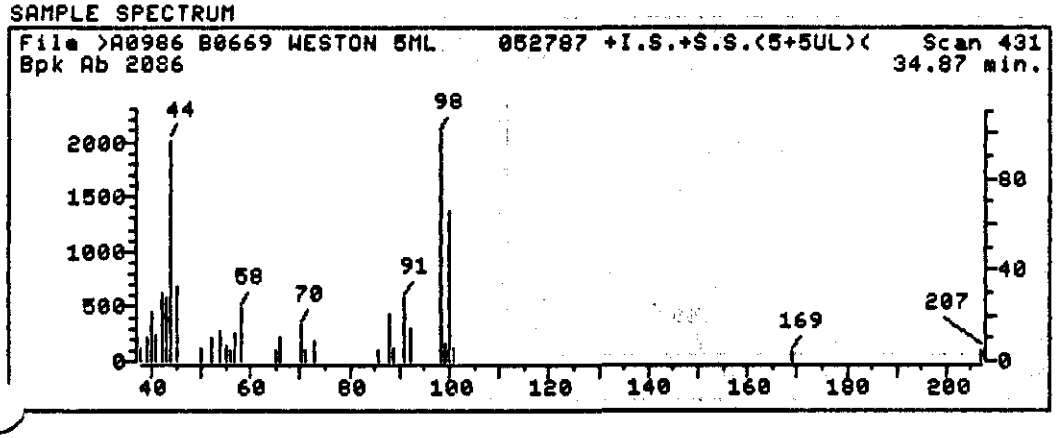
Data File: >A0986::D2 Quant Output File: ^A0986::D3
Name: B0669 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:40 Quant ID File: IDVOL5::M1
Injected at: 870527 23:42 Last Calibration: 870601 11:36

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 452
Retention Time: 36.50 min.
Quant Ion: 117.0
Area: 203453
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



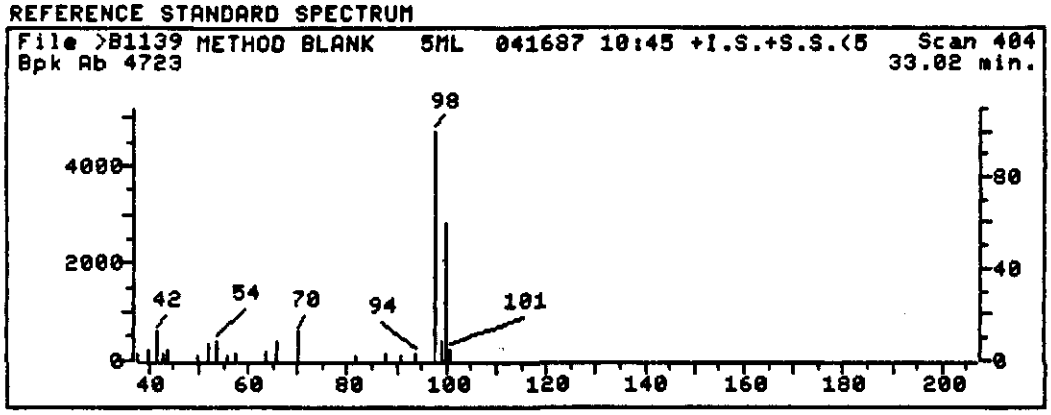
SAMPLE SPECTRUM



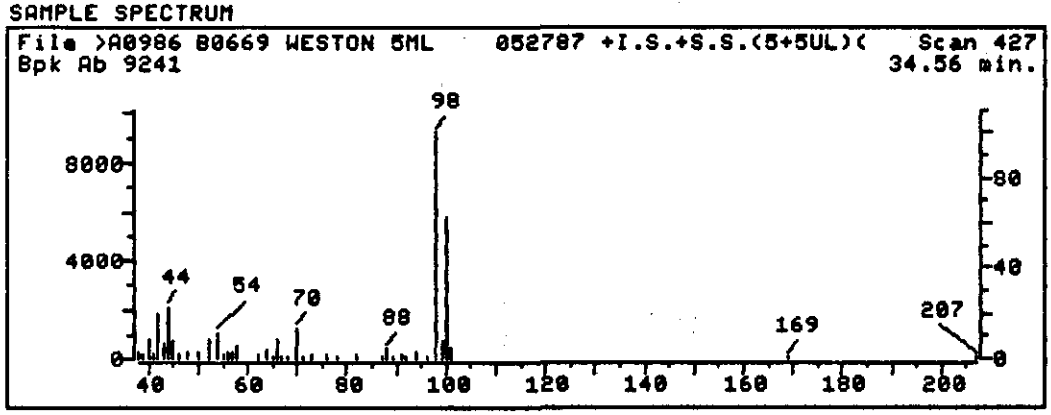
Data File: >A0986::D2 Quant Output File: ^A0986::D3
Name: B0669 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:40 Quant ID File: IDVOL5::M1
Injected at: 870527 23:42 Last Calibration: 870601 11:36

Compound No: 39
Compound Name: Toluene
Scan Number: 431
Retention Time: 34.87 min.
Quant Ion: 91.0
Area: 16418
Concentration: 1.50 UG/L
q-value: 86

REFERENCE STANDARD SPECTRUM



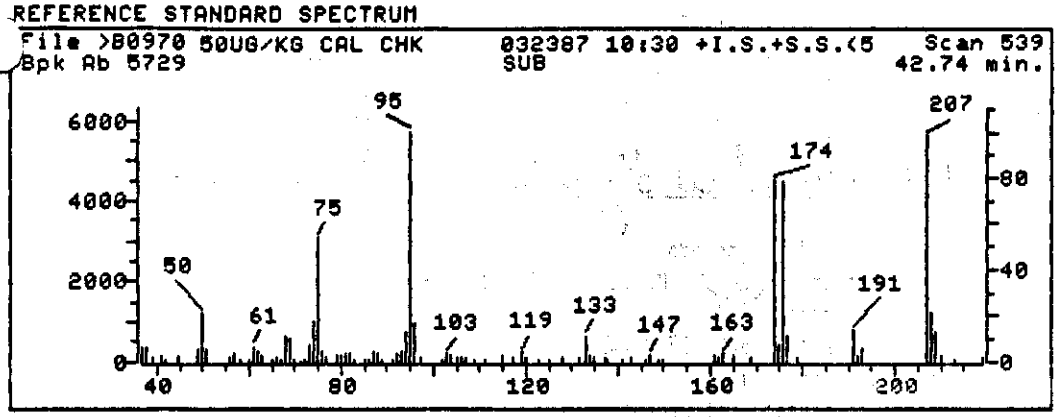
SAMPLE SPECTRUM



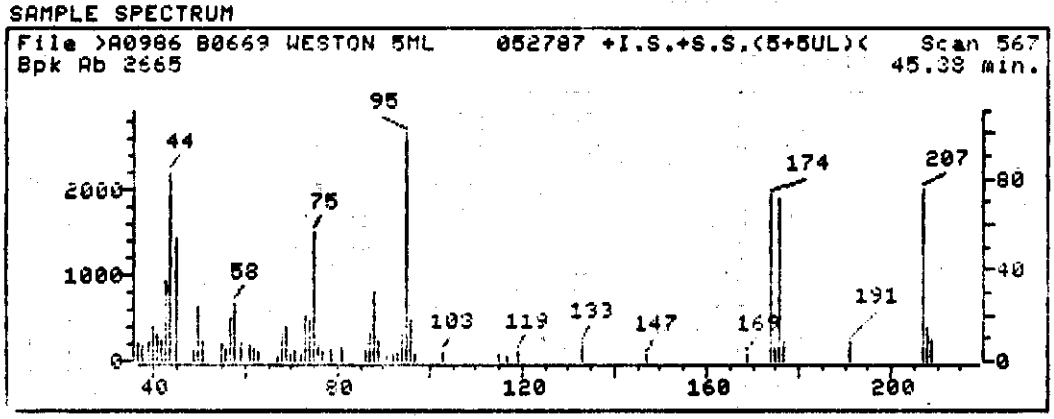
Data File: >A0986::D2 Quant Output File: ^A0986::D3
Name: B0669 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:40 Quant ID File: IDVOL5::M1
Injected at: 870527 23:42 Last Calibration: 870601 11:36

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 427
Retention Time: 34.56 min.
Quant Ion: 98.0
Area: 255642
Concentration: 48.37 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0986::D2 Quant Output File: ^A0986::D3
Name: B0669 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:40 Quant ID File: IDVOL5::M1
Injected at: 870527 23:42 Last Calibration: 870601 11:36

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 567
Retention Time: 45.38 min.
Quant Ion: 95.0
Area: 168864
Concentration: 49.75 UG/L
q-value: 100

#28

Sample Number
B0670

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >A0987::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: 5/28/87 00:42
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	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.

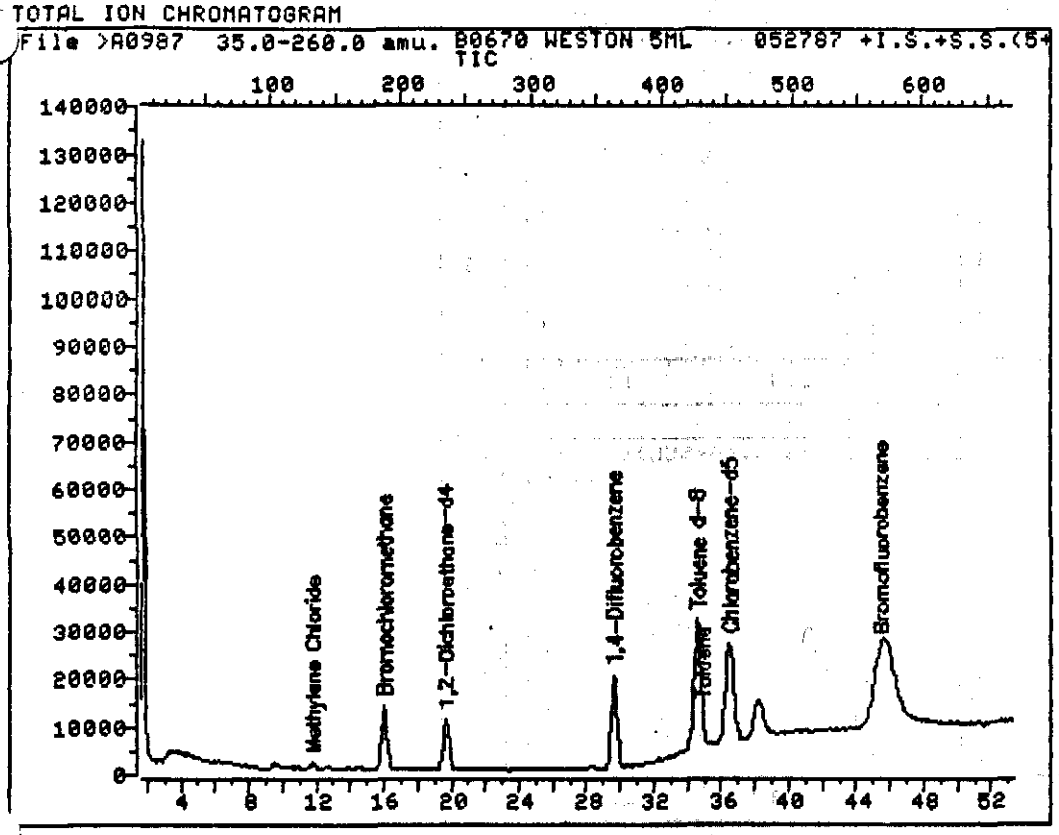
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully defined and such description attached to the data summary report

OPTIONAL FLAGS

N - Compound not present in Calibration File.

AR400263

TOTAL ION CHROMATOGRAM

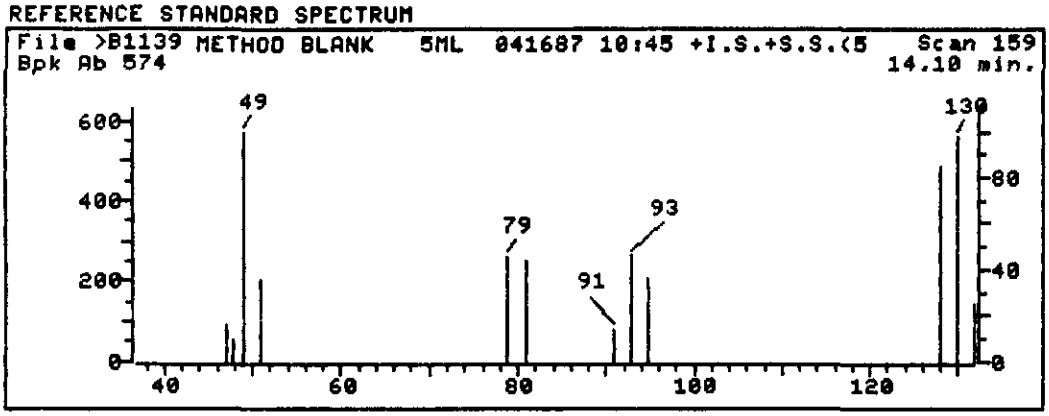


Data File: >A0987::D2 Quant Output File: ^A0987::D3
Name: B0670 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

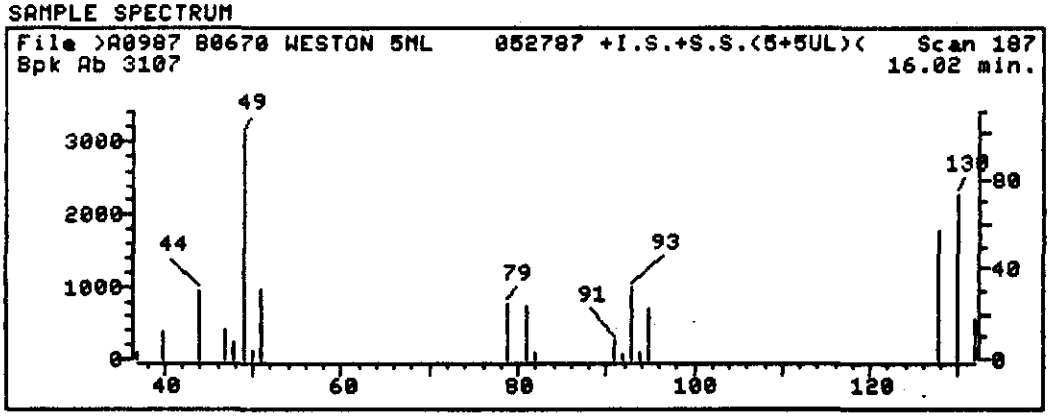
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870601 11:36

Operator ID: USER8
Quant Time: 870601 11:41
Injected at: 870528 00:42

REFERENCE STANDARD SPECTRUM



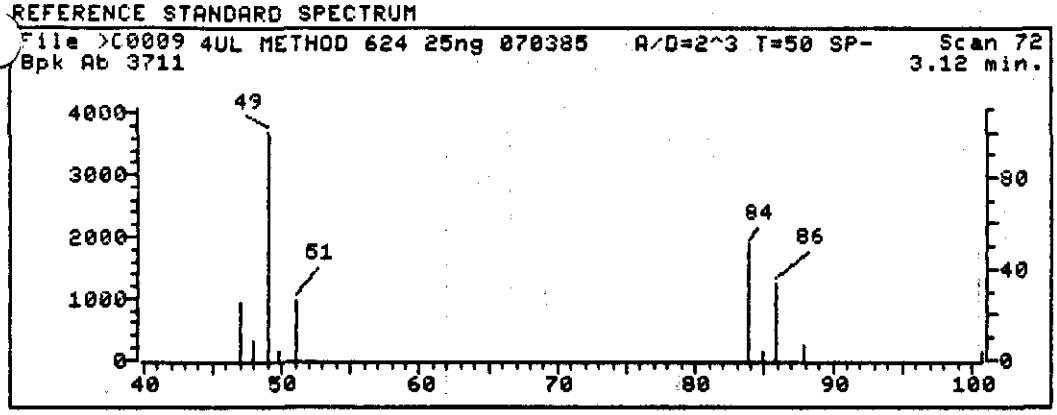
SAMPLE SPECTRUM



Data File: >A0987::D2 Quant Output File: ^A0987::D3
Name: B0670 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:41 Quant ID File: IDVOL5::M1
Injected at: 870528 00:42 Last Calibration: 870601 11:36

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 187
Retention Time: 16.02 min.
Quant Ion: 49.0
Area: 69768
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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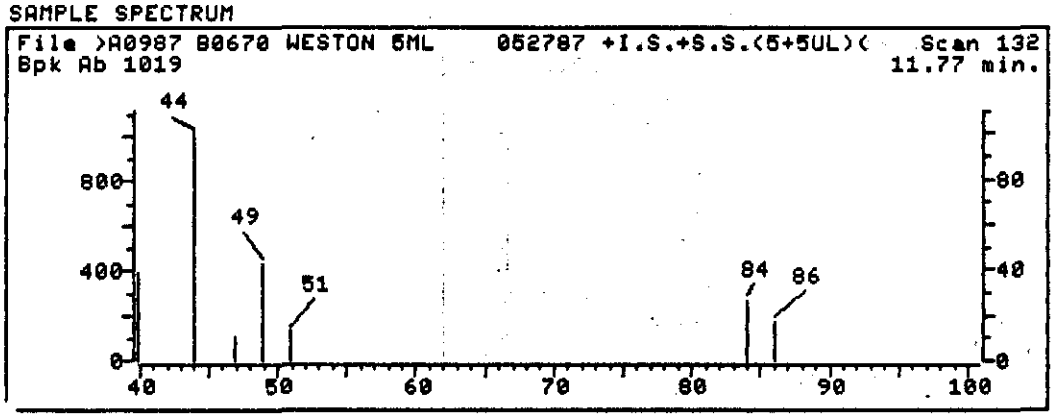
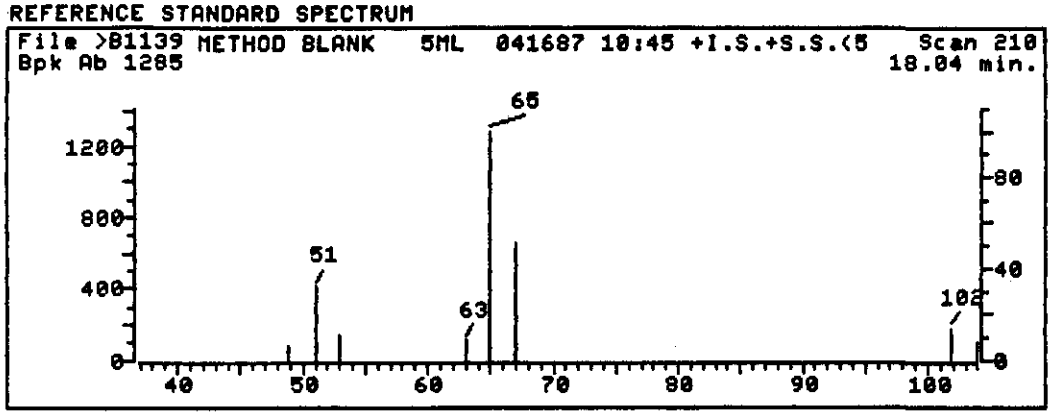


Data File: >A0987::D2 Quant Output File: ^A0987::D3
Name: B0670 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:41 Quant ID File: IDVOL5::M1
Injected at: 870528 00:42 Last Calibration: 870601 11:36

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 132
Retention Time: 11.77 min.
Quant Ion: 49.0
Area: 9098
Concentration: 2.65 UG/L
q-value: 81

REFERENCE STANDARD SPECTRUM



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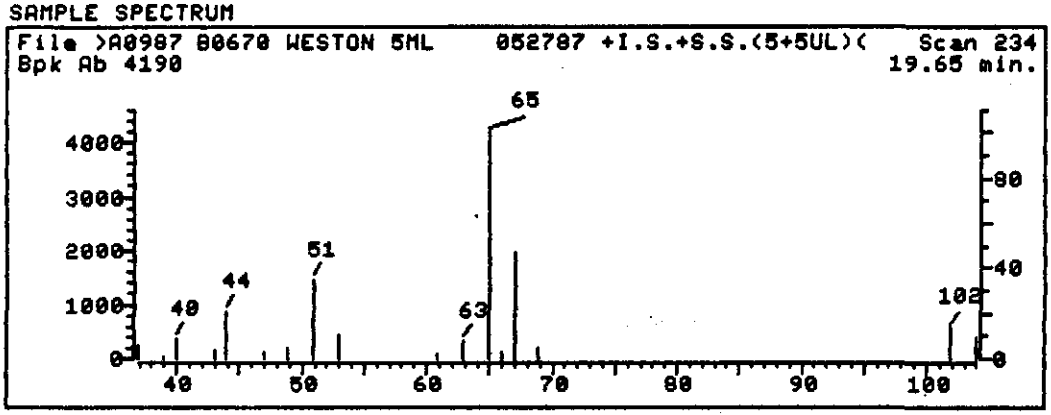
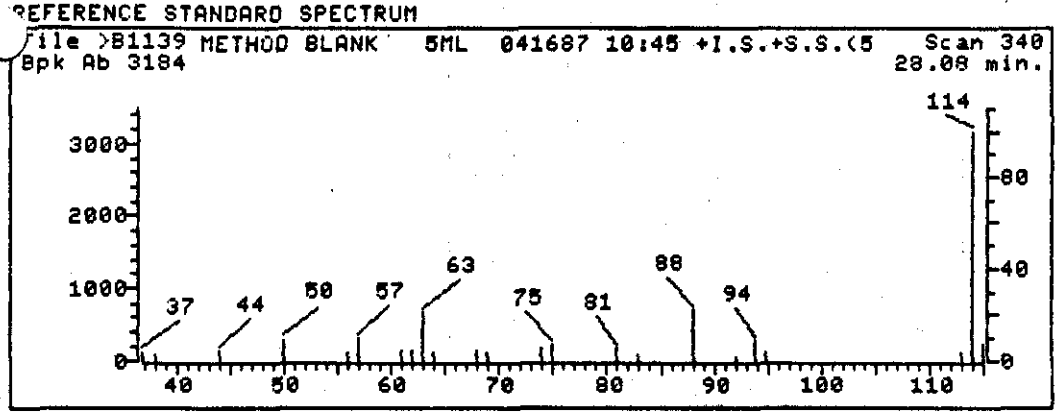


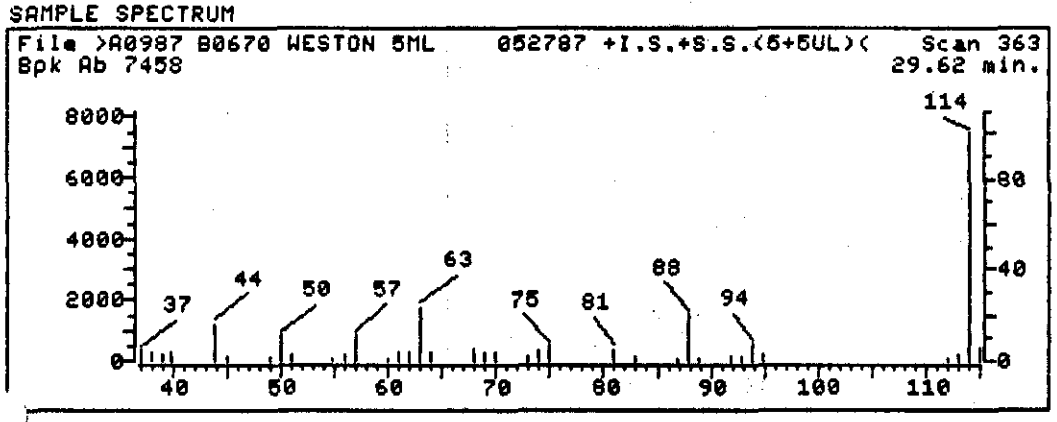
Data File: >A0987::D2 Quant Output File: ^A0987::D3
Name: B0670 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:41 Quant ID File: IDVOL5::M1
Injected at: 870528 00:42 Last Calibration: 870601 11:36

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.65 min.
Quant Ion: 65.0
Area: 99027
Concentration: 49.29 UG/L
q-value: 98

REFERENCE STANDARD SPECTRUM



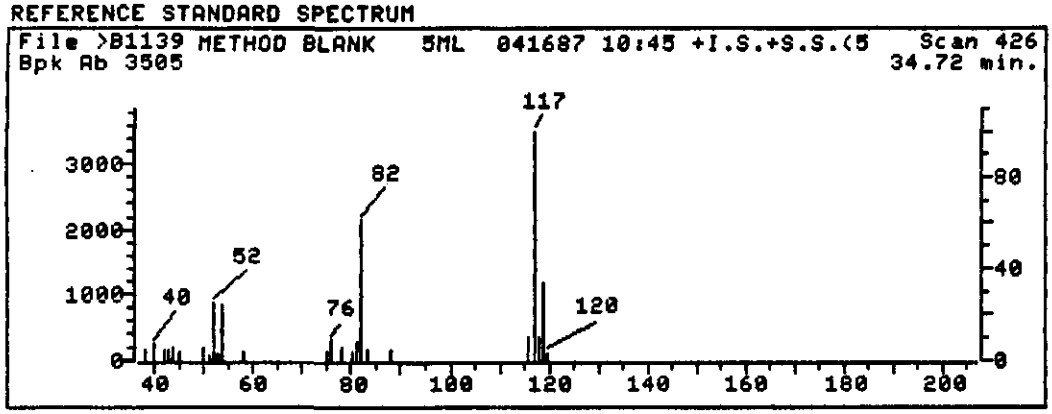
SAMPLE SPECTRUM



Data File: >A0987::D2 Quant Output File: ^A0987::D3
Name: B0670 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:41 Quant ID File: IDVOL5::M1
Injected at: 870528 00:42 Last Calibration: 870601 11:36

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.62 min.
Quant Ion: 114.0
Area: 177486
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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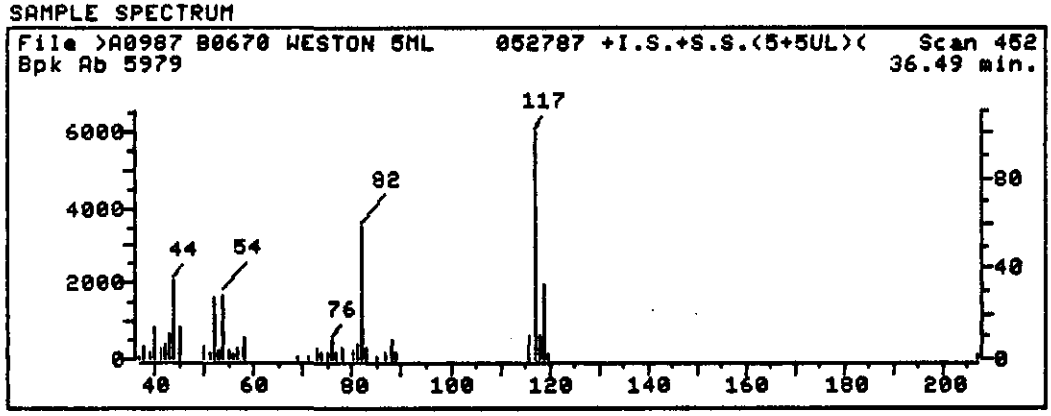
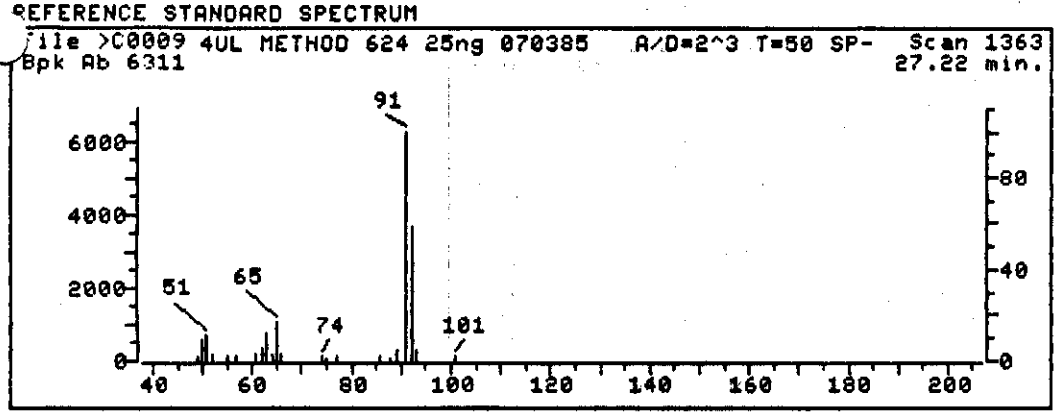


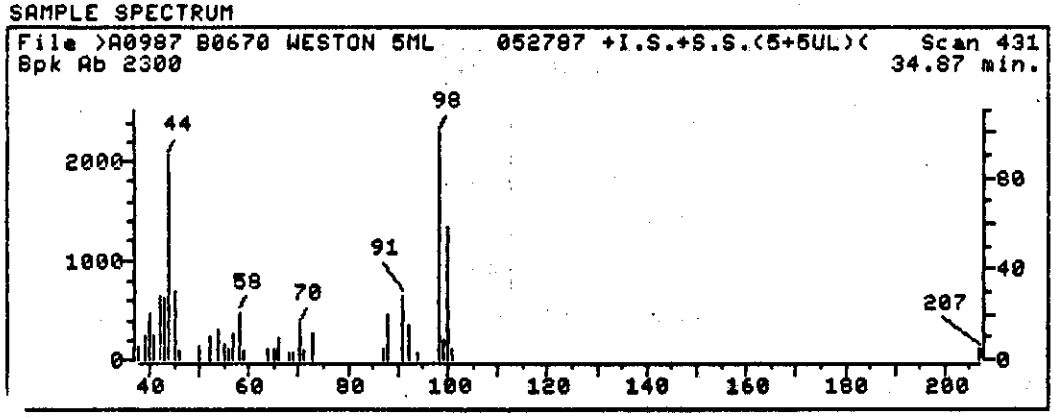
Data File: >A0987::D2 Quant Output File: ^A0987::D3
Name: B0670 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:41 Quant ID File: IDVOL5::M1
Injected at: 870528 00:42 Last Calibration: 870601 11:36

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 452
Retention Time: 36.49 min.
Quant Ion: 117.0
Area: 200081
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM

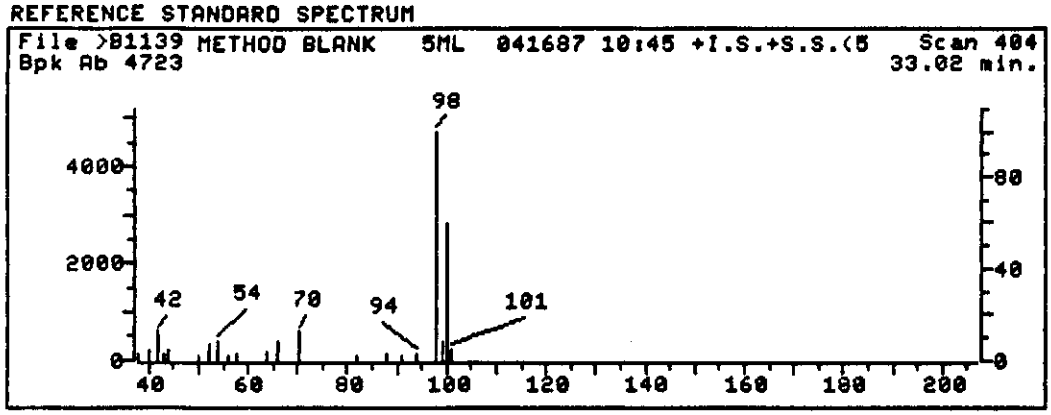


Data File: >A0987::D2 Quant Output File: ^A0987::D3
Name: B0670 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:41 Quant ID File: IDVOL5::M1
Injected at: 870528 00:42 Last Calibration: 870601 11:36

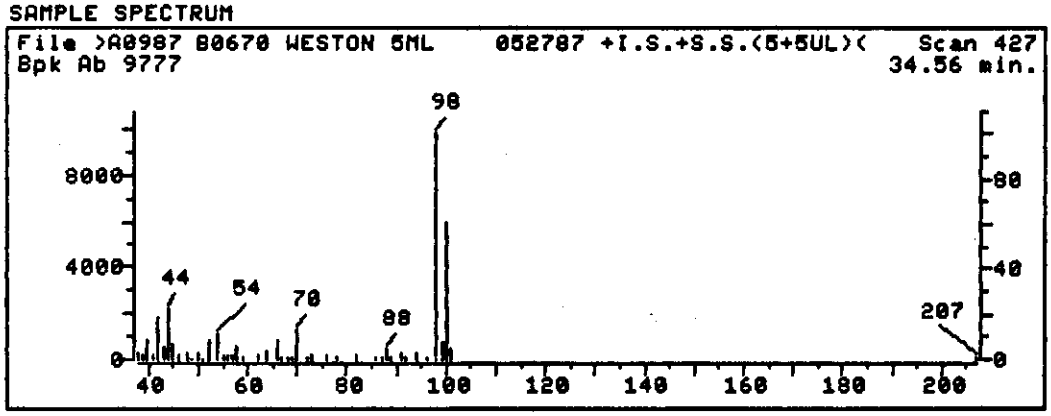
Compound No: 39
Compound Name: Toluene
Scan Number: 431
Retention Time: 34.87 min.
Quant Ion: 91.0
Area: 18454
Concentration: 1.71 UG/L
q-value: 91

AR400270

REFERENCE STANDARD SPECTRUM



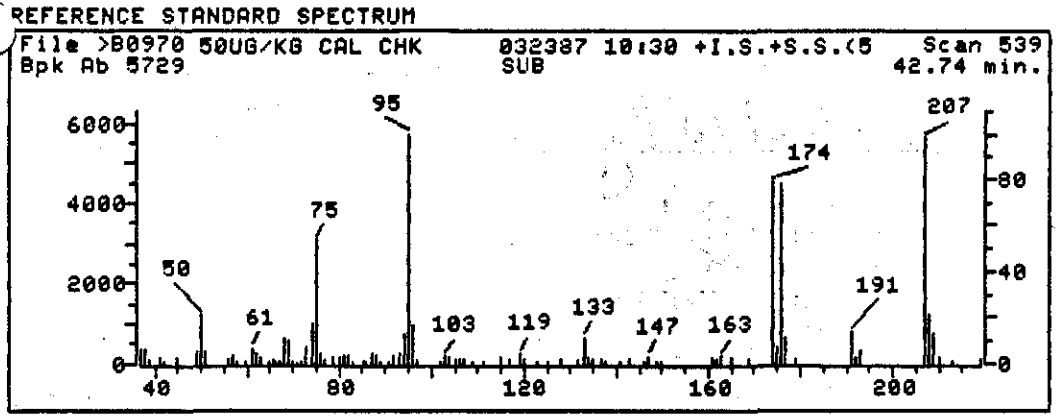
SAMPLE SPECTRUM



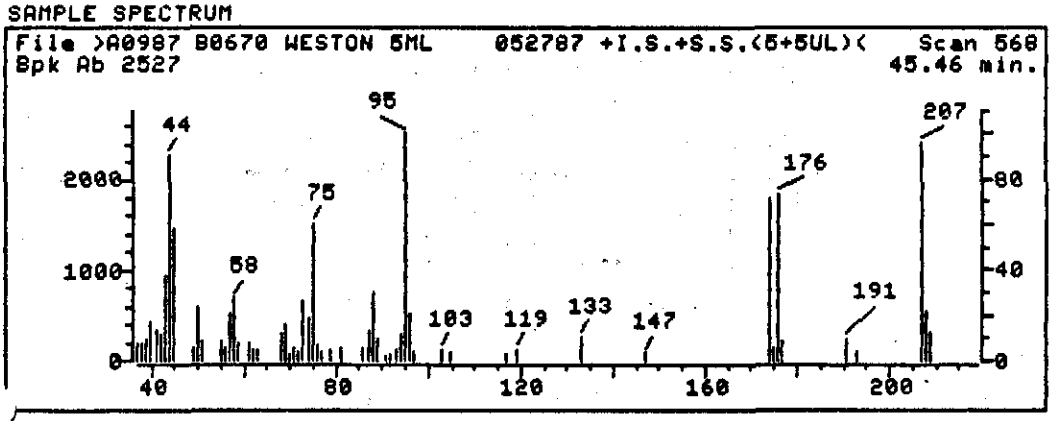
Data File: >A0987::D2 Quant Output File: ^A0987::D3
Name: B0670 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:41 Quant ID File: IDVOL5::M1
Injected at: 870528 00:42 Last Calibration: 870601 11:36

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 427
Retention Time: 34.56 min.
Quant Ion: 98.0
Area: 256535
Concentration: 49.35 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0987::D2 Quant Output File: ^A0987::D3
Name: B0670 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:41 Quant ID File: IDVOL5::M1
Injected at: 870528 00:42 Last Calibration: 870601 11:36

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 568
Retention Time: 45.46 min.
Quant Ion: 95.0
Area: 164430
Concentration: 49.26 UG/L
q-value: 100

#29

Sample Number
B0671

Organics Analysis Data Sheet
(Page 1)

Laboratory Name: Wastex Ind of NJ
Lab Sample ID: >A0988::D2
Sample Matrix: WATER
Data release Authorized by: Richard W Fynn

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: 5/28/87 01:42
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	5.	B	10061-01-5	cis-1,3-Dichloropropene	5.	U
67-64-1	Acetone	47.		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	4.	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.

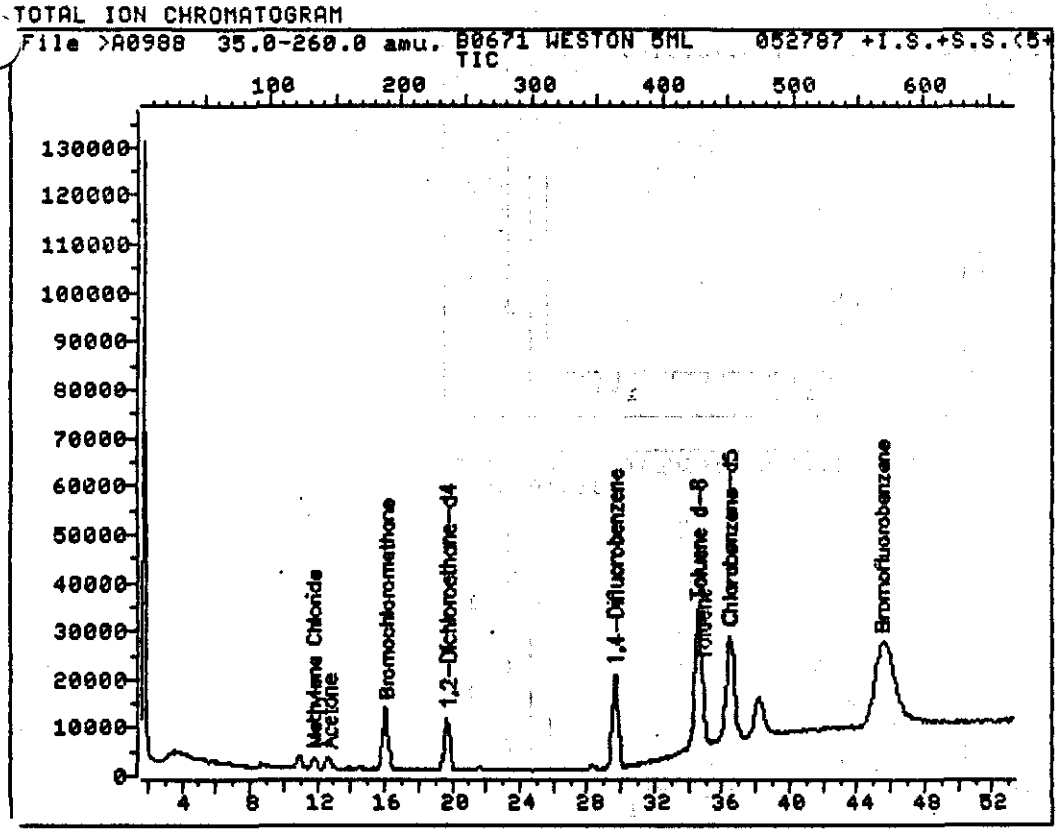
Other - Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report

AR400273

OPTIONAL FLAGS

N - Compound not present in Calibration File.

TOTAL ION CHROMATOGRAM

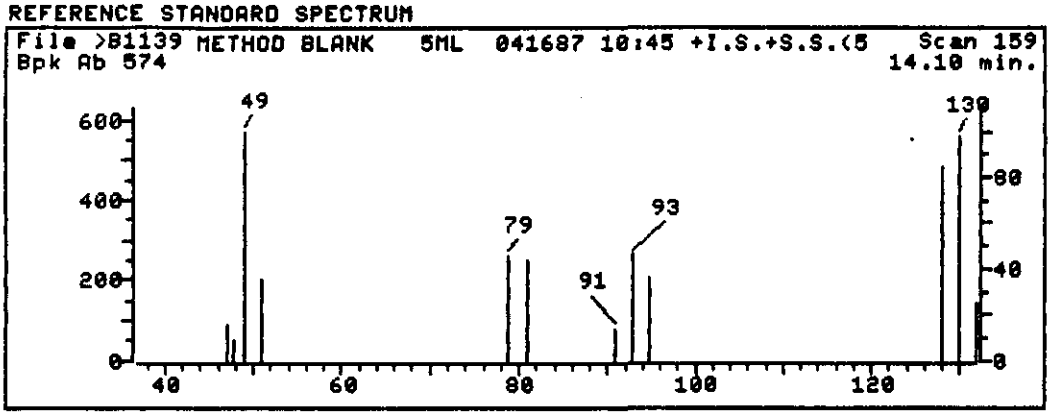


Data File: >A0988::D2 Quant Output File: ^A0988::D3
Name: B0671 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

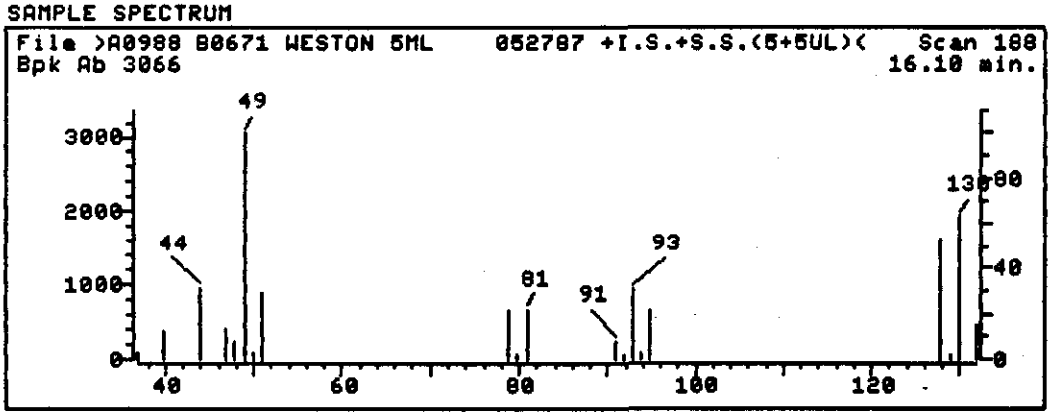
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870601 11:36

Operator ID: USER8
Quant Time: 870601 11:43
Injected at: 870528 01:42

REFERENCE STANDARD SPECTRUM



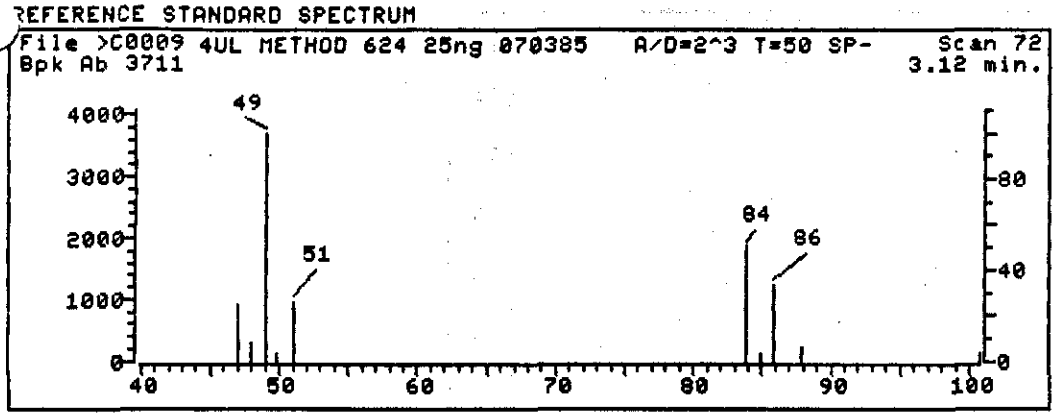
SAMPLE SPECTRUM



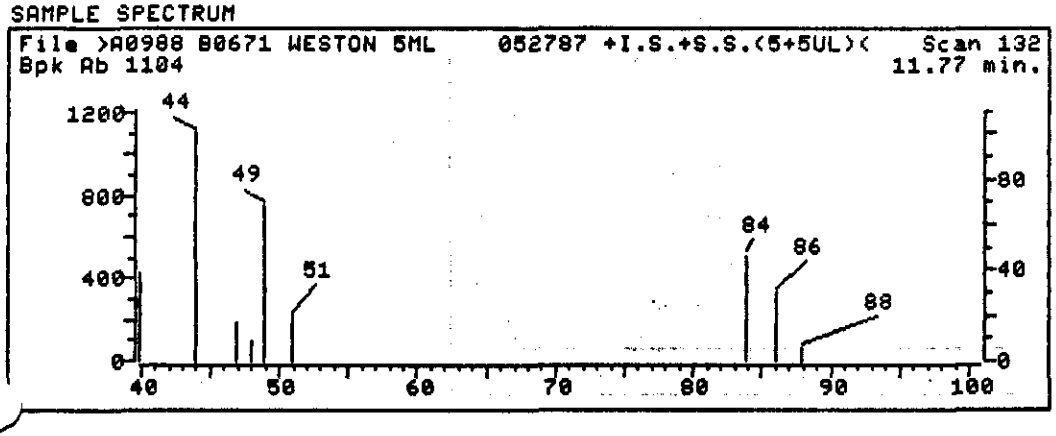
Data File: >A0988::D2 Quant Output File: ^A0988::D3
Name: B0671 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:43 Quant ID File: IDVOL5::M1
Injected at: 870528 01:42 Last Calibration: 870601 11:36

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 188
Retention Time: 16.10 min.
Quant Ion: 49.0
Area: 70312
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



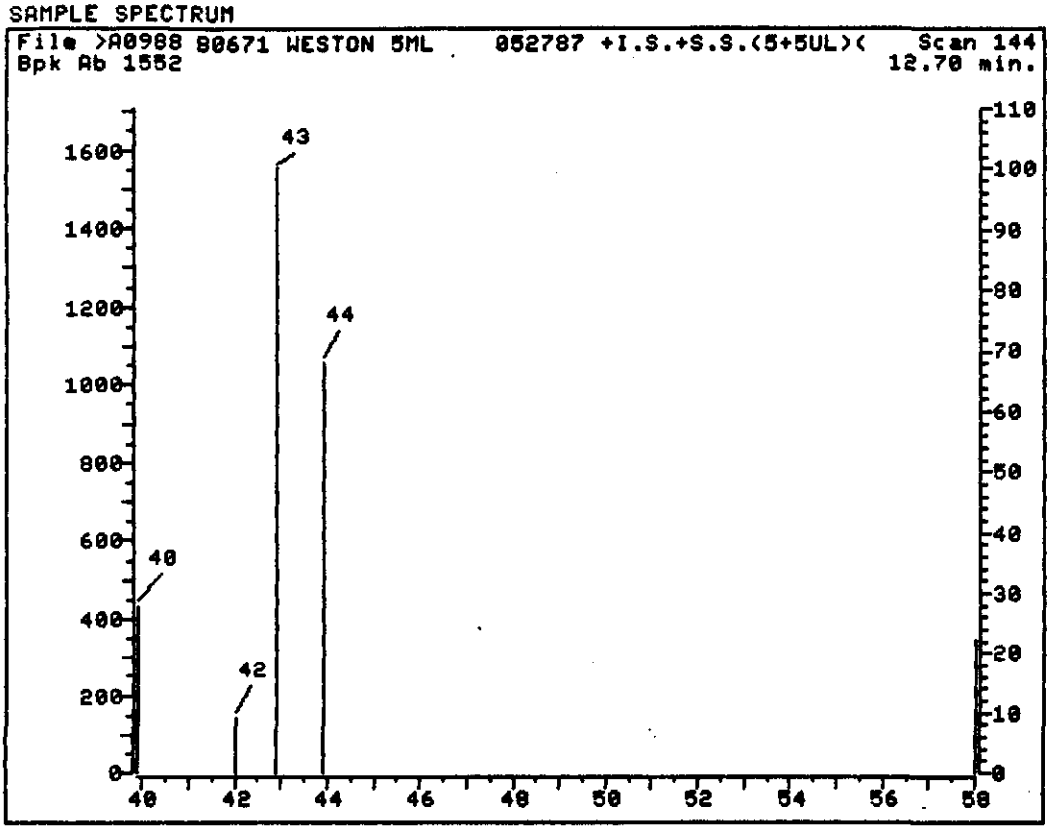
SAMPLE SPECTRUM



Data File: >A0988::D2 Quant Output File: ^A0988::D3
Name: B0671 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:43 Quant ID File: IDVOL5::M1
Injected at: 870528 01:42 Last Calibration: 870601 11:36

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 132
Retention Time: 11.77 min.
Quant Ion: 49.0
Area: 16074
Concentration: 4.65 UG/L
q-value: 74

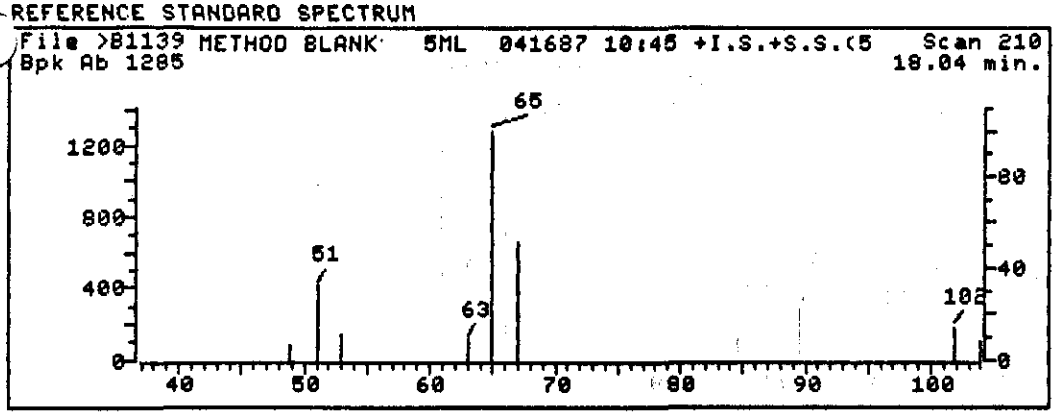
SAMPLE SPECTRUM



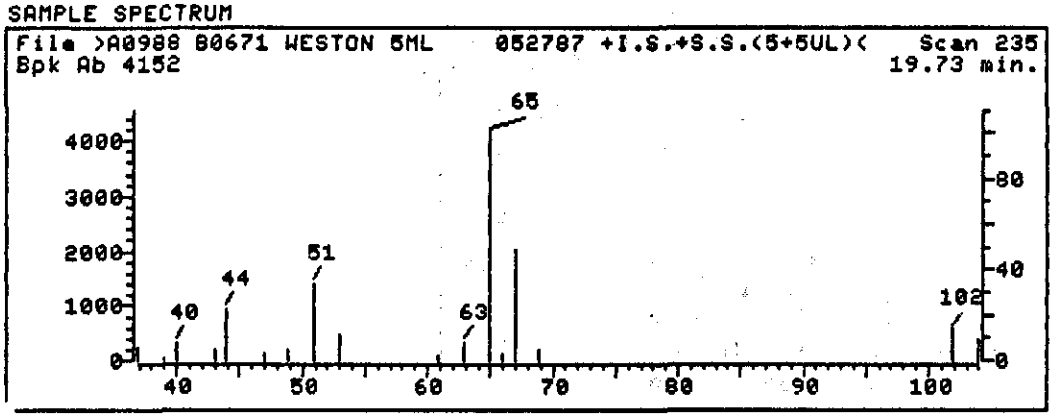
Data File: >A0988::D2 Quant Output File: ^A0988::D3
Name: B0671 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:43 Quant ID File: IDVOL5::M1
Injected at: 870528 01:42 Last Calibration: 870601 11:36

Compound No: 10
Compound Name: Acetone
Scan Number: 144
Retention Time: 12.70 min.
Quant Ion: 43.0
Area: 36750
Concentration: 46.83 UG/L
q-value: 94

REFERENCE STANDARD SPECTRUM



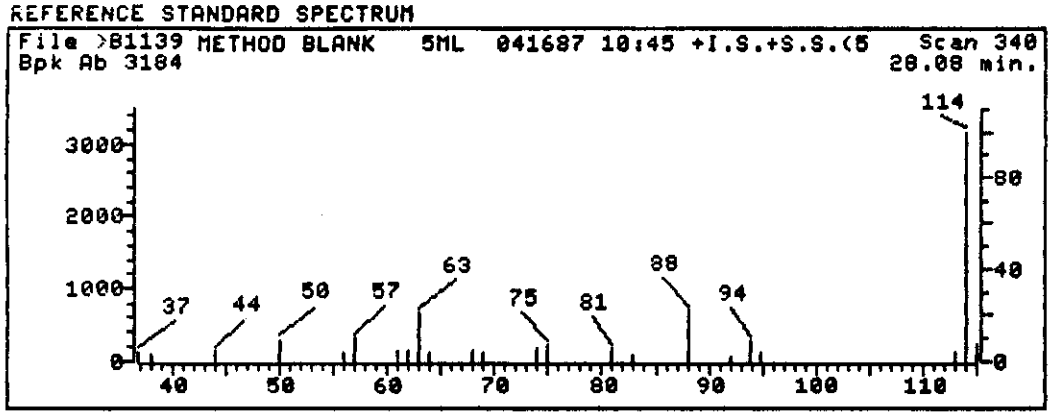
SAMPLE SPECTRUM



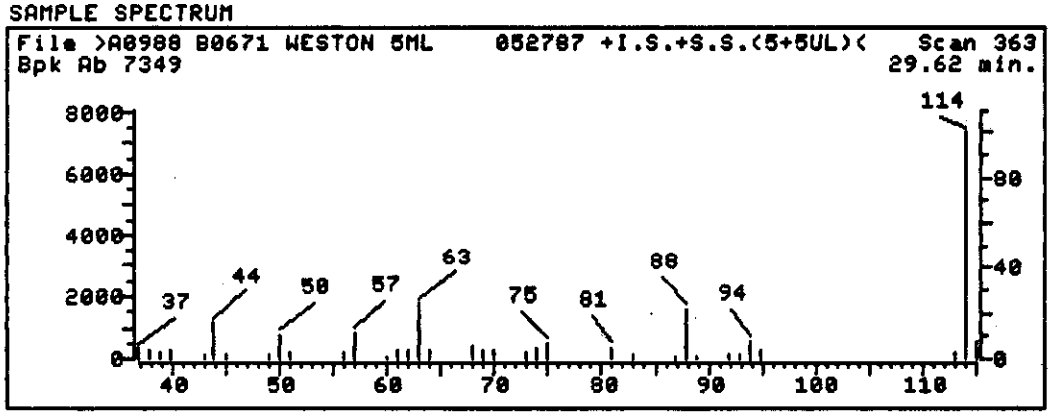
Data File: >A0988::D2 Quant Output File: ^A0988::D3
Name: B0671 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:43 Quant ID File: IDVOL5::M1
Injected at: 870528 01:42 Last Calibration: 870601 11:36

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 235
Retention Time: 19.73 min.
Quant Ion: 65.0
Area: 96426
Concentration: 47.62 UG/L
q-value: 99

REFERENCE STANDARD SPECTRUM



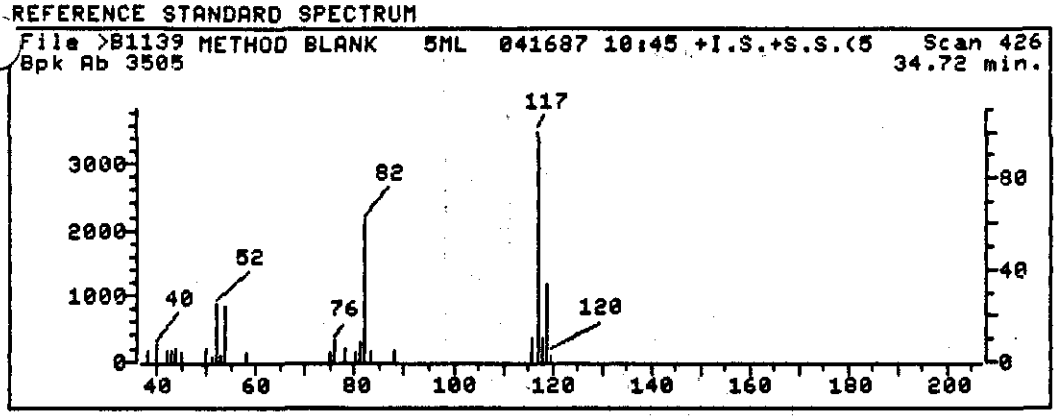
SAMPLE SPECTRUM



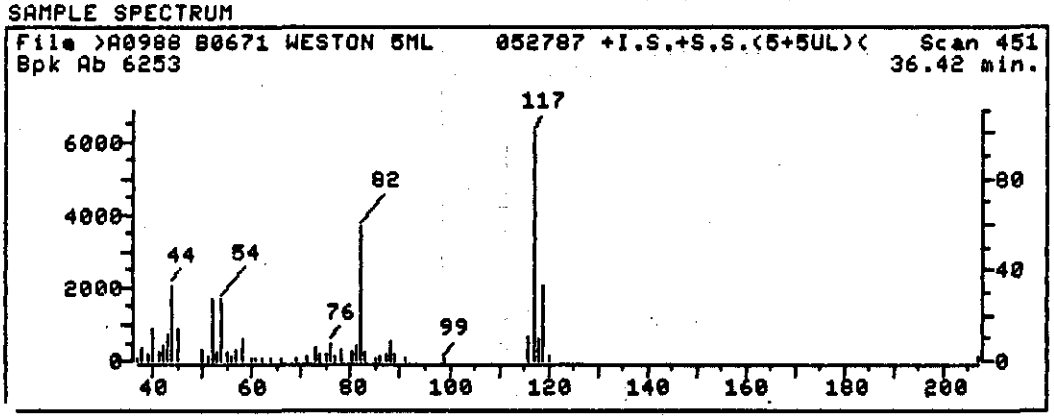
Data File: >A0988::D2 Quant Output File: ^A0988::D3
Name: B0671 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:43 Quant ID File: IDVOL5::M1
Injected at: 870528 01:42 Last Calibration: 870601 11:36

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.62 min.
Quant Ion: 114.0
Area: 180333
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



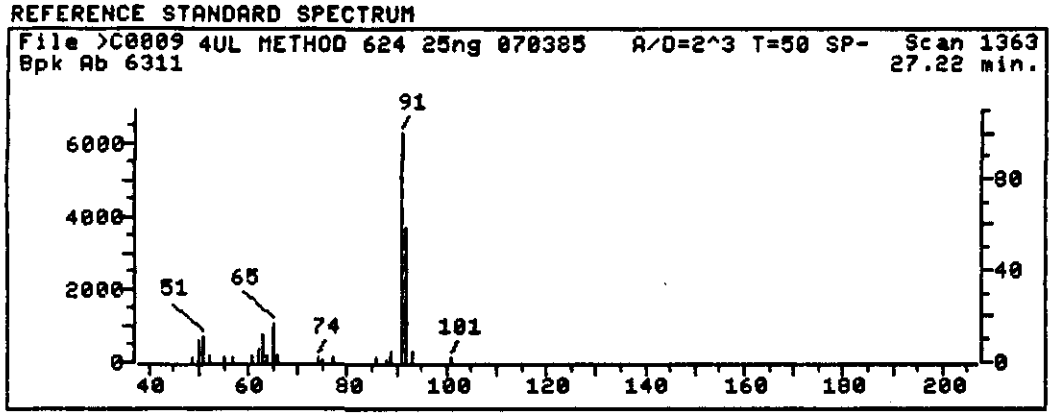
SAMPLE SPECTRUM



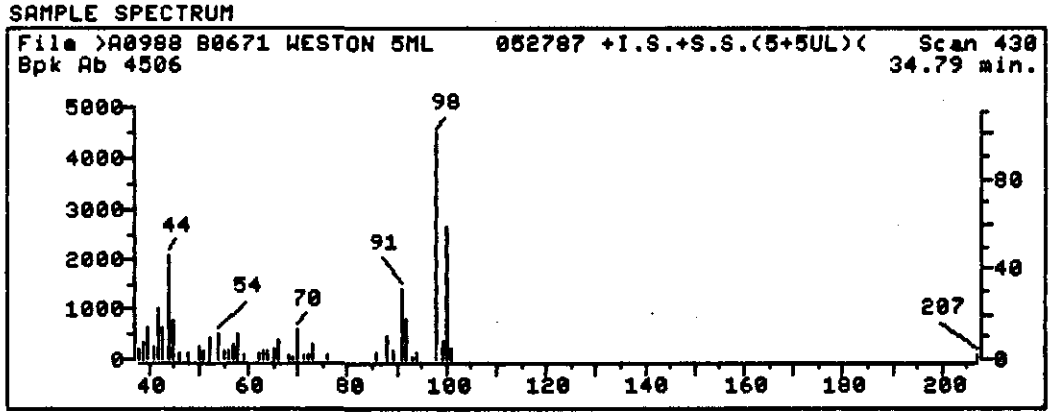
Data File: >A0988::D2 Quant Output File: ^A0988::D3
Name: B0671 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:43 Quant ID File: IDVOL5::M1
Injected at: 870528 01:42 Last Calibration: 870601 11:36

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 451
Retention Time: 36.42 min.
Quant Ion: 117.0
Area: 210703
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



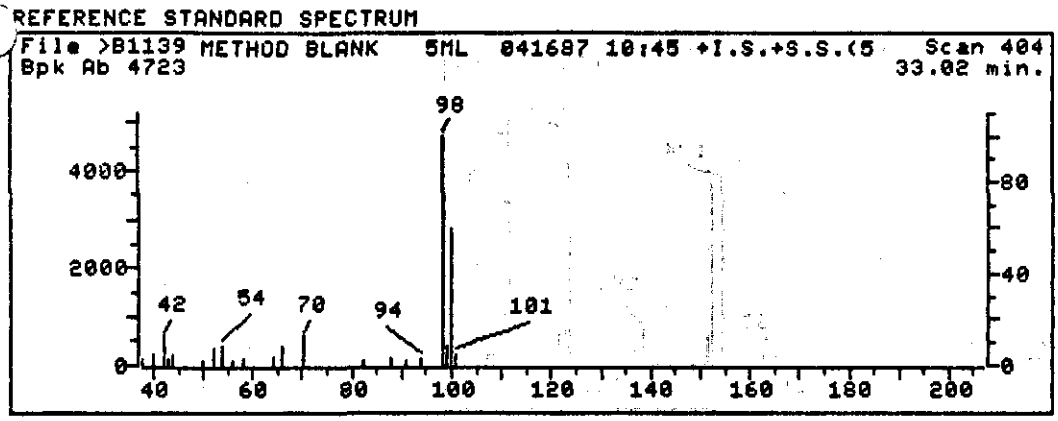
SAMPLE SPECTRUM



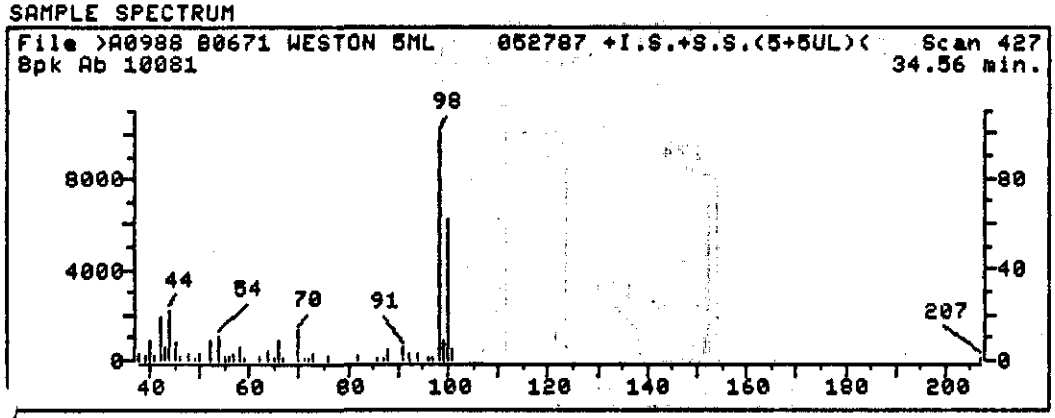
Data File: >A0988::D2 Quant Output File: ^A0988::D3
Name: B0671 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:43 Quant ID File: IDVOL5::M1
Injected at: 870528 01:42 Last Calibration: 870601 11:36

Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.79 min.
Quant Ion: 91.0
Area: 40447
Concentration: 3.56 UG/L
q-value: 97

REFERENCE STANDARD SPECTRUM



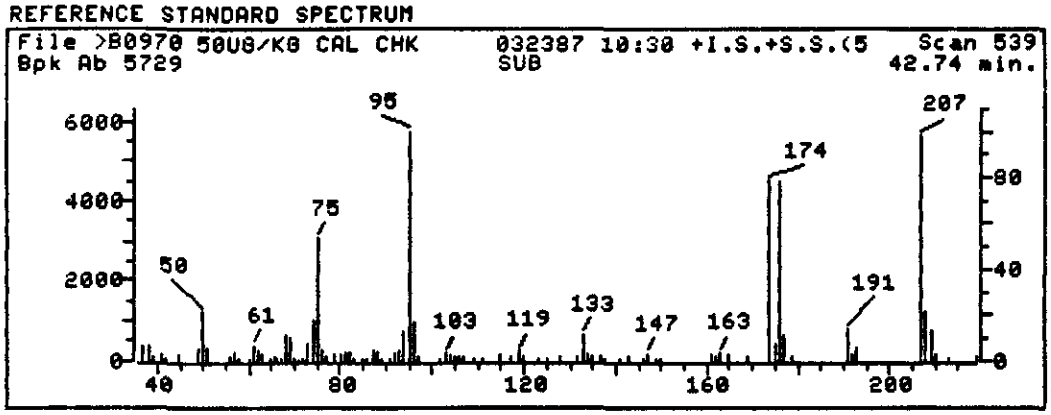
SAMPLE SPECTRUM



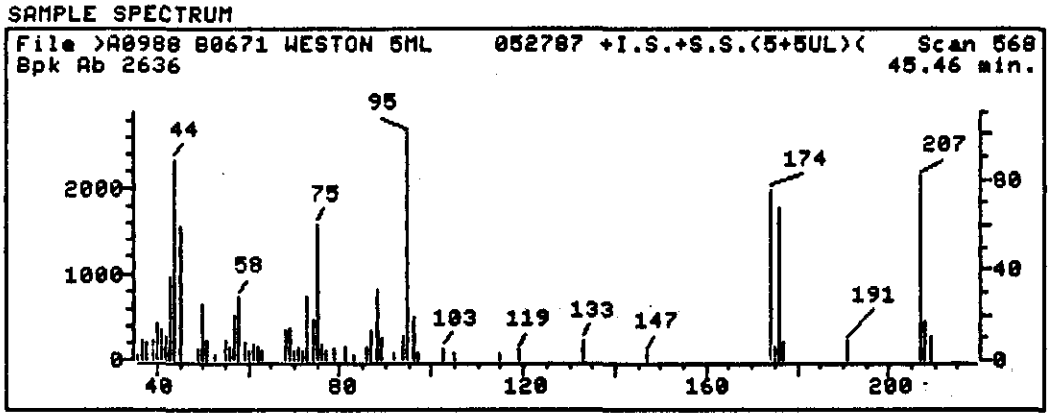
Data File: >A0988::D2 Quant Output File: ^A0988::D3
Name: B0671 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:43 Quant ID File: IDVOL5::M1
Injected at: 870528 01:42 Last Calibration: 870601 11:36

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 427
Retention Time: 34.56 min.
Quant Ion: 98.0
Area: 270707
Concentration: 49.45 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0988::D2 Quant Output File: ^A0988::D3
Name: B0671 WESTON 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:43 Quant ID File: IDVOL5::M1
Injected at: 870528 01:42 Last Calibration: 870601 11:36

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 568
Retention Time: 45.46 min.
Quant Ion: 95.0
Area: 167175
Concentration: 47.56 UG/L
q-value: 100

GC/MS TUNING AND MASS CALIBRATION

4-Bromofluorobenzene (BFB)

Case No. N/A Contractor Wastex Ind of MO Contract No. N/A

Instrument ID 5996,B Date / Time 5/22/87 14:00

Lab ID B1241:02 Data Release Authorized By: Richard W Dynel

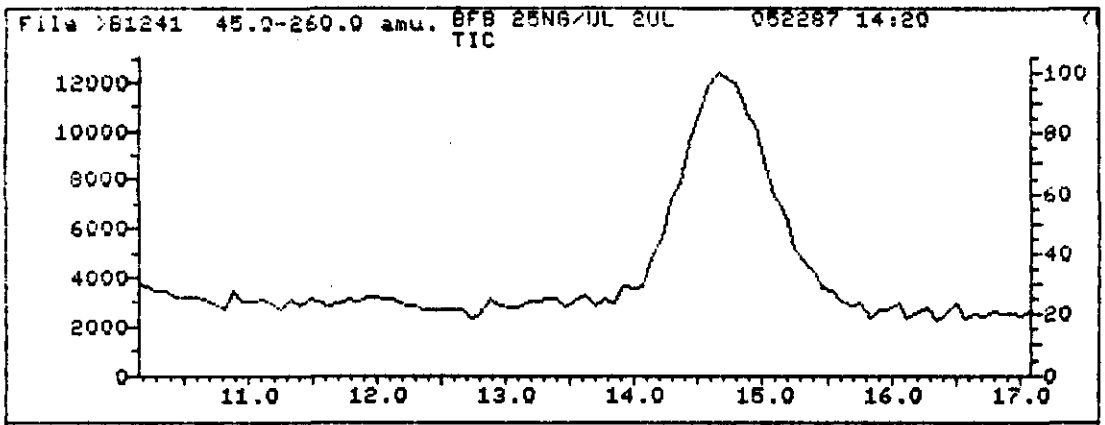
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0% of the base peak	[illegible]	
75	30.0 - 60.0% of the base peak	[illegible]	
95	Base peak, 100% relative abundance	100.0 %	
96	5.0 - 9.0% of the base peak	[illegible]	
173	Less than 2.0% of base peak	[illegible]	
174	greater than 50.0% of the base peak	[illegible]	
175	5.0 - 9.0% of mass 174	[illegible]	[illegible] #1
176	between 95.0 and 101.0% of mass 174	[illegible]	[illegible] #1
177	5.0 - 9.0% of mass 176	[illegible]	(8.330) #2

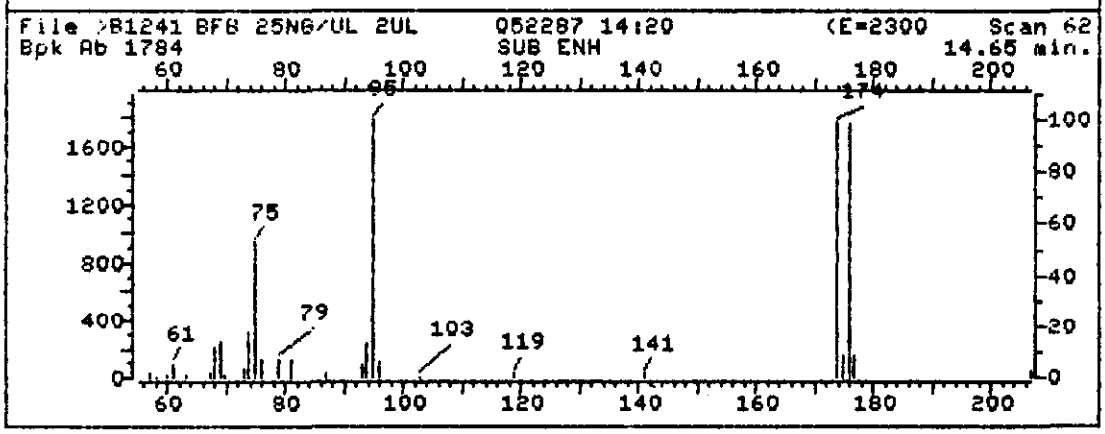
THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS

#1 - Value in parenthesis is % mass 174.
#2 - Value in parenthesis is % mass 176.

SAMPLE ID	LAB_ID	DATE_OF_ANALYSIS	TIME_OF_ANALYSIS
50UG/L CAL CHK	>B1242	05-22-87	15:04
METHOD BLANK	>B1243	05-22-87	16:12
1	B0647	05-22-87	17:12
2	B0648	05-22-87	18:12
3	B0649	05-22-87	19:15
4	B0650	05-22-87	20:19
5	B0651	05-22-87	21:24
6	B0652	05-22-87	22:30
7	B0653	05-22-87	23:39
8	B0654	05-23-87	00:53

AR400284


File >B1241 45.0-260.0 amu. BFB 25NG/UL 2UL 052287 14:20
TIC
12000
10000
8000
6000
4000
2000
0
100
80
60
40
20
0
11.0
12.0
13.0
14.0
15.0
16.0
17.0


File >B1241 BFB 25NG/UL 2UL 052287 14:20 (E=2300 Scan 62
Bpk Ab 1784 SUB ENH 14.65 min.
60
80
100
120
140
160
180
200
95
174
75
79
61
103
119
141
1600
1200
800
400
0
100
80
60
40
20
0

AR400285

GC/MS TUNING AND MASS CALIBRATION

4-Bromofluorobenzene (BFB)

Case No. N/A Contractor Wastex Ind of NJ Contract No. N/A

Instrument ID 5996,B Date / Time 5/26/87 9:49

Lab ID >A0954::D2 Data Release Authorized By: Richard W Lynch

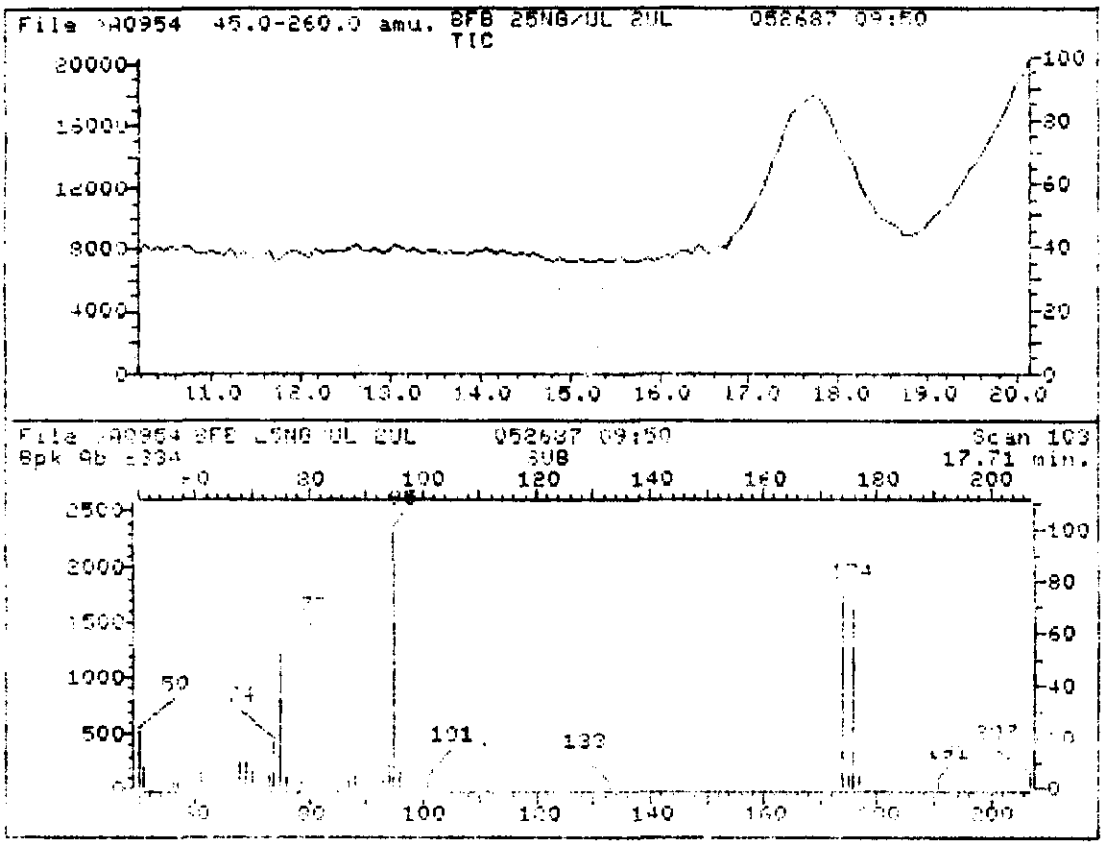
m/z	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	15.0 - 40.0% of the base peak	22.28 OK
75	30.0 - 60.0% of the base peak	52.27 OK
95	Base peak, 100% relative abundance	100.00 OK
96	5.0 - 9.0% of the base peak	6.90 OK
173	less than 1.0% of base peak	0.30 OK
174	greater than 50.0% of the base peak	72.77 OK
175	5.0 - 9.0% of mass 174	5.40 OK (7.460) #1
176	between 95.0 and 101.0% of mass 174	69.75 OK (96.39) #1
177	5.0 - 9.0% of mass 176	5.40 OK (7.740) #2

THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS

#1 - Value in parenthesis is % mass 174.
#2 - Value in parenthesis is % mass 176.

SAMPLE ID	LAB_ID	DATE_OF_ANALYSIS	TIME_OF_ANALYSIS
BFB 25NG/UL 2UL	>A0954	5/26/87	9:49
50UG/L HSL CAL CHK	>A0955	5/26/87	10:13
METHOD BLANK 5ML	>A0956	5/26/87	11:26
B0655 WESTON 5ML	>A0957	5/26/87	12:27
B0656 WESTON 5ML	>A0958	5/26/87	13:29
B0657 WESTON 5ML	>A0959	5/26/87	14:29
B0658 WESTON 5ML	>A0960	5/26/87	15:29

FORM V


File >A0954 45.0-260.0 amu. BFB 25NG/UL 2UL 052687 09:50
TIC
20000
16000
12000
8000
4000
0
100
80
60
40
20
0
11.0 12.0 13.0 14.0 15.0 16.0 17.0 18.0 19.0 20.0
File >A0954 BFB 25NG UL 2UL 052687 09:50
Bpk Ab =334
Scan 103
17.71 min.
60 80 100 120 140 160 180 200
2500
2000
1500
1000
500
50
101
133
100
80
60
40
20
0
100 120 140 160 180 200

AR400287

GC/MS TUNING AND MASS CALIBRATION

4-Bromofluorobenzene (BFB)

Case No. N/A Contractor Wastex Ind of NJ Contract No. N/A

Instrument ID 5996,A Date / Time 5/26/87 16:25

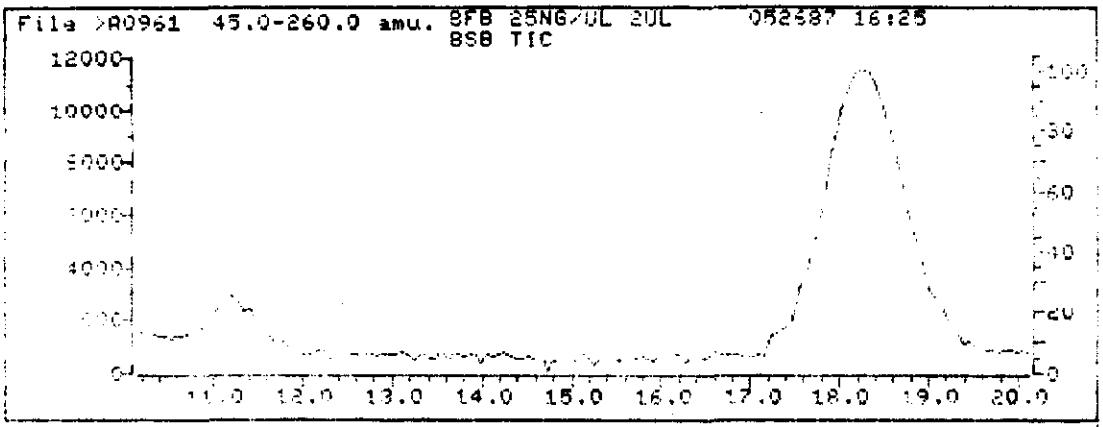
Lab ID >A0961::02 Data Release Authorized By: Richard W Byrd

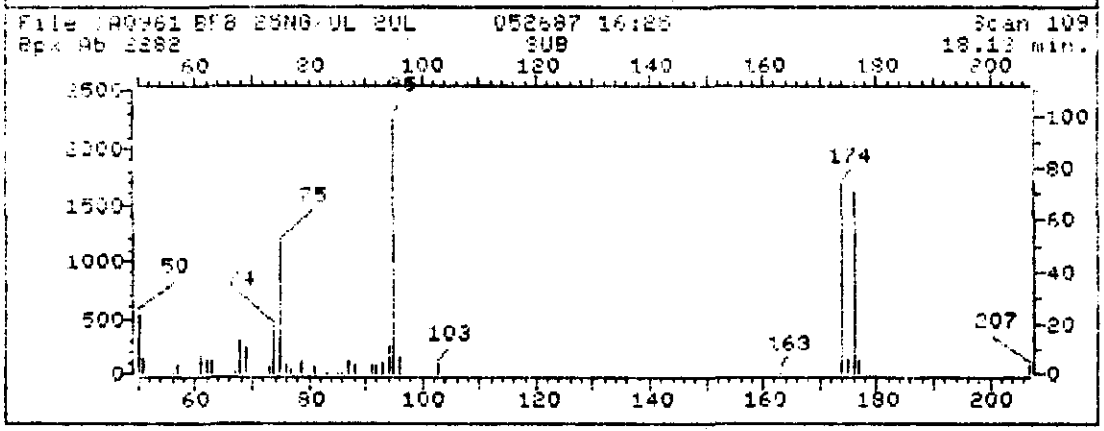
m/z	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	15.0 - 40.0% of the base peak	23.53 OK
75	30.0 - 60.0% of the base peak	51.14 OK
95	Base peak, 100% relative abundance	100.00 OK
96	5.0 - 9.0% of the base peak	7.10 OK
173	less than 1.0% of base peak	0.00 OK
174	greater than 50.0% of the base peak	73.23 OK
175	5.0 - 9.0% of mass 174	5.52 OK (7.540) #1
176	between 95.0 and 101.0% of mass 174	70.16 OK (95.81) #1
177	5.0 - 9.0% of mass 176	5.30 OK (7.558) #2

THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS

#1 - Value in parenthesis is % mass 174.
#2 - Value in parenthesis is % mass 176.

SAMPLE ID	LAB_ID	DATE_OF_ANALYSIS	TIME_OF_ANALYSIS
BFB 25NG/UL 2UL	>A0961	5/26/87	16:25
50UG/L HSL CAL CHK	>A0962	5/26/87	16:53
METHOD BLANK 5ML	>A0963	5/26/87	18:11
B0651 SPIKE 5ML	>A0964	5/26/87	19:10
B0651 DSPIKE 5ML	>A0965	5/26/87	20:10
B0659 WESTON 5ML	>A0966	5/26/87	21:10
B0660 WESTON 5ML	>A0967	5/26/87	22:09
B0661 WESTON 5ML	>A0968	5/26/87	23:09
B0662 WESTON 5ML	>A0969	5/27/87	00:09


File >A0961 45.0-260.0 amu. BFB 25NG/UL 20UL 052687 16:25
BSB TIC
12000
10000
8000
6000
4000
2000
0
11.0 12.0 13.0 14.0 15.0 16.0 17.0 18.0 19.0 20.0
100
80
60
40
20
0


File >A0961 BFB 25NG/UL 20UL 052687 16:25
Scan 109
Rpk Ab 2282
SUB
18.12 min.
60 80 100 120 140 160 180 200
2500
2000
1500
1000
500
0
50
74
75
103
163
174
207
100
80
60
40
20
0

AR400289

GC/MS TUNING AND MASS CALIBRATION

4-Bromofluorobenzene (BFB)

Case No. N/A Contractor Wastex Ind of MJ Contract No. N/A

Instrument ID 5996,A Date / Time 5/27/87 9:13

Lab ID A0971::D2 Data Release Authorized By: Richard W Lynch

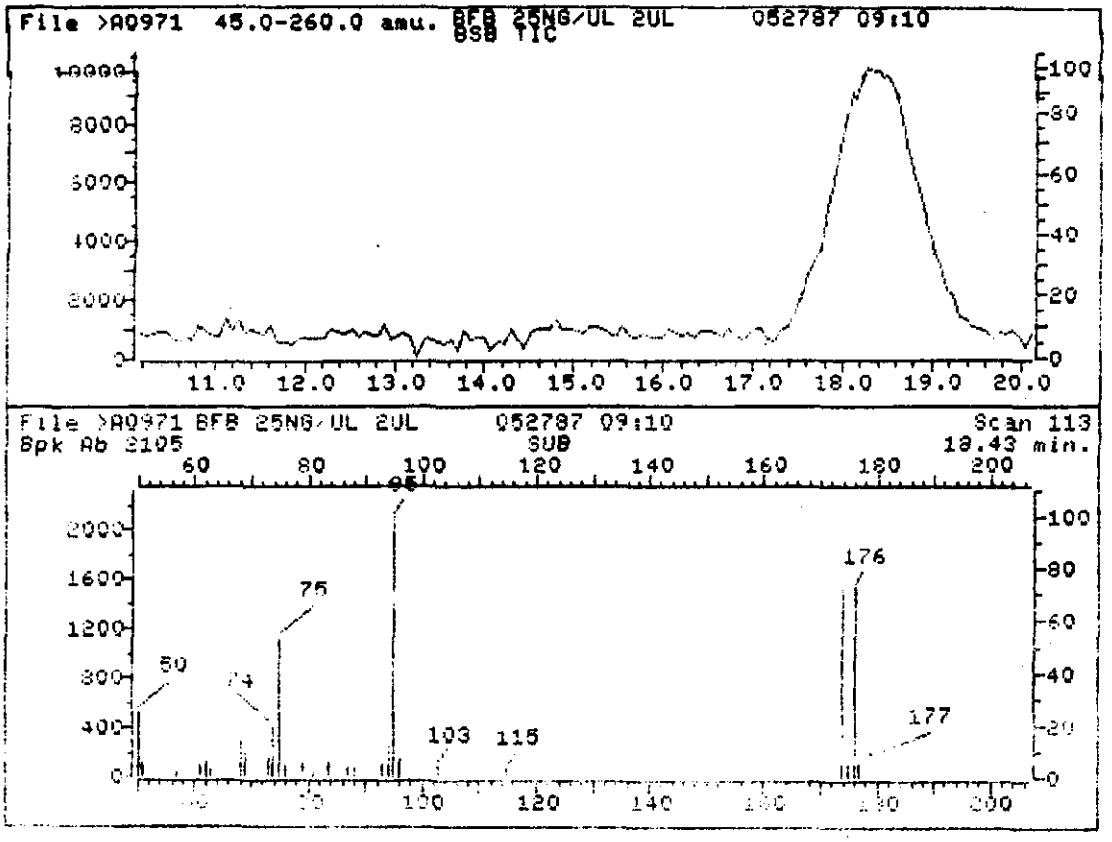
m/z	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	15.0 - 40.0% of the base peak	24.80 OK
75	30.0 - 60.0% of the base peak	53.21 OK
95	Base peak, 100% relative abundance	100.00 OK
96	5.0 - 9.0% of the base peak	6.65 OK
173	less than 1.0% of base peak	0.00 OK
174	greater than 50.0% of the base peak	72.02 OK
175	5.0 - 9.0% of mass 174	5.51 OK (7.652) #1
176	between 95.0 and 101.0% of mass 174	72.49 OK (100.7) #1
177	5.0 - 9.0% of mass 176	5.37 OK (7.405) #2

THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS

#1 - Value in parenthesis is % mass 174.
#2 - Value in parenthesis is % mass 176.

SAMPLE ID	LAB ID	DATE OF ANALYSIS	TIME OF ANALYSIS
BFB 25NG/UL 2UL	>A0971	5/27/87	9:13
50UG/L HSL CAL CHK	>A0972	5/27/87	9:41
METHOD BLANK	>A0973	5/27/87	10:41
B0663 WESTON 5ML	>A0974	5/27/87	11:41
B0664 WESTON 5ML	>A0975	5/27/87	12:40
B0665 WESTON 5ML	>A0976	5/27/87	13:40
B0666 WESTON 5ML	>A0977	5/27/87	14:40
B0667 WESTON 5ML	>A0978	5/27/87	15:40
B0668 WESTON 5ML	>A0979	5/27/87	16:39
B0669 SPIKE 5ML	>A0980	5/27/87	17:39
B0668 DSPIKE 5ML	>A0981	5/27/87	18:38

AR400290


File >A0971 45.0-260.0 amu. BFB 25NG/UL 2UL 052787 09:10
BSB TIC
File >A0971 BFB 25NG/UL 2UL 052787 09:10
Bpk Ab 2105
SUB
Scan 113
18.43 min.
95
75
50
74
103
115
176
177

AR400291

GC/MS TUNING AND MASS CALIBRATION

4-Bromofluorobenzene (BFB)

Case No. N/A Contractor Westex Ind of NJ Contract No. N/A

Instrument ID 5996,A Date / Time 5/27/87 20:42

Lab ID -0997::DC Date Release Authorized By: Richard W Lynch

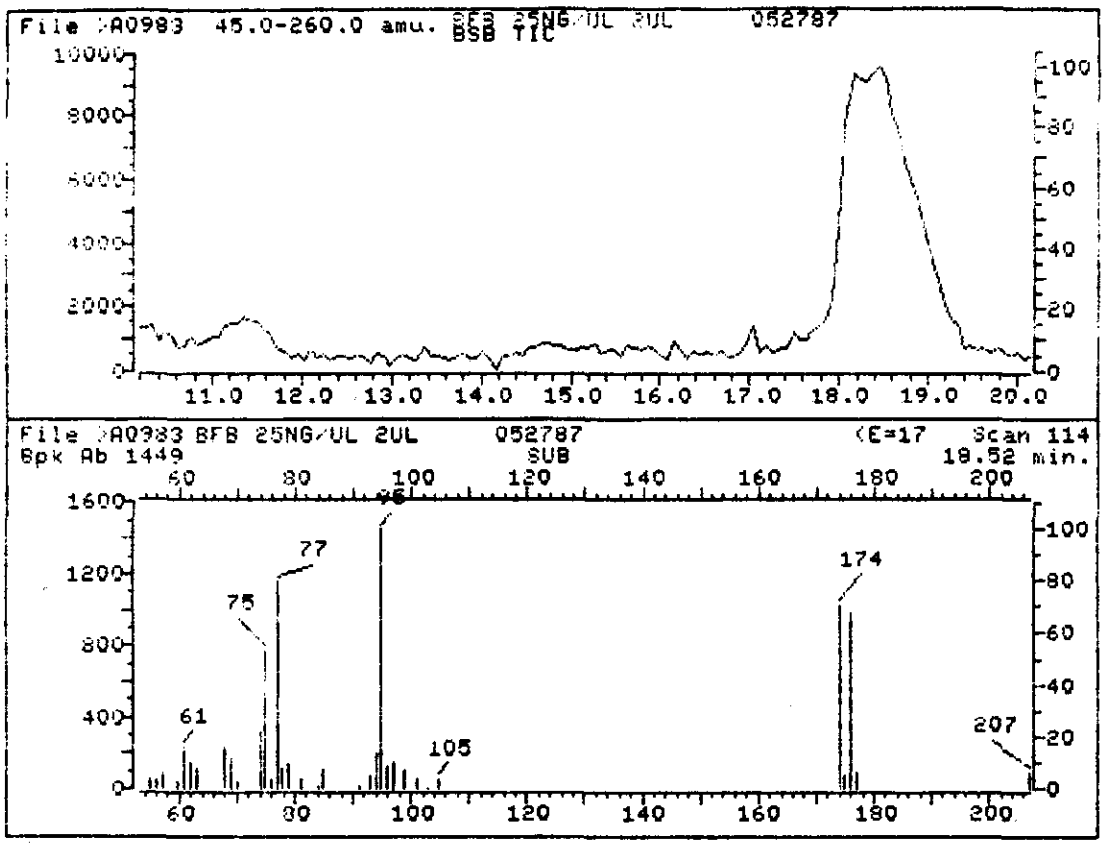
m/z	10% ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	15.0 - 40.0% of the base peak	27.88 OK
75	30.0 - 60.0% of the base peak	53.35 OK
95	Base peak, 100% relative abundance	100.00 OK
96	5.0 - 9.0% of the base peak	8.01 OK
173	less than 1.0% of base peak	0.00 OK
174	greater than 50.0% of the base peak	70.32 OK
175	5.0 - 9.0% of mass 174	5.24 OK (7.458) #1
176	between 95.0 and 101.0% of mass 174	67.56 OK (96.07) #1
177	5.0 - 9.0% of mass 176	5.94 OK (8.784) #2

THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS

#1 - Value in parenthesis is % mass 174.
#2 - Value in parenthesis is % mass 176.

SAMPLE ID	LAB ID	DATE OF ANALYSIS	TIME OF ANALYSIS
BFB 25NG/UL 2UL	>A0983	5/27/87	20:42
50UG/L HSL CAL CHK	>A0984	5/27/87	21:36
METHOD BLANK	>A0985	5/27/87	22:43
B0669 WESTON 5ML	>A0986	5/27/87	23:42
B0670 WESTON 5ML	>A0987	5/28/87	00:42
B0671 WESTON 5ML	>A0988	5/28/87	01:42
B0671 SPIKE 5ML	>A0989	5/28/87	02:42
B0671 DSPIKE 5ML	>A0990	5/28/87	03:42

AR400292


File >A0983 45.0-260.0 amu. BFB 25NG/UL 2UL 052787
BSB TIC
File >A0983 BFB 25NG/UL 2UL 052787 (E=17 Scan 114
Bpk Ab 1449 SUB 18.52 min.
61
75
77
95
105
174
207

AR400293

METHOD BLANK SUMMARY

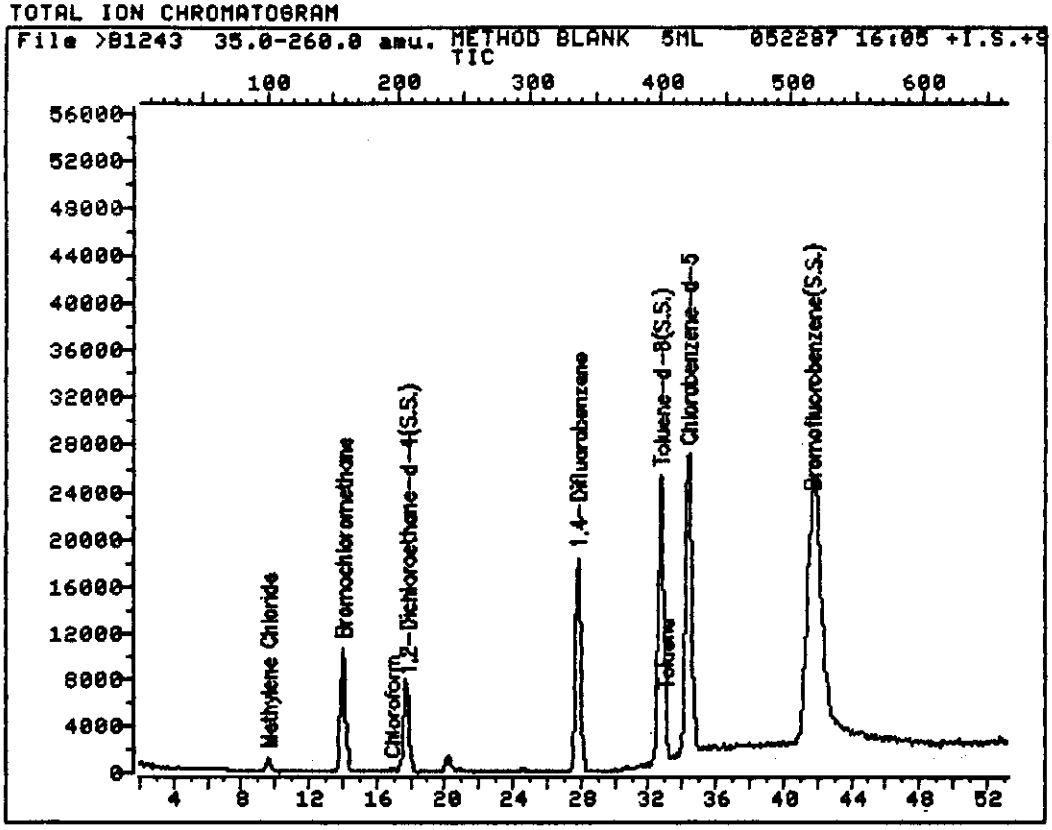
Case No. : N/A Region : V Contractor : Wastex Ind of NJ Contract No. : N/A

FILE ID	DATE OF ANALYSIS	FRACTION	MATRIX	CONC. LEVEL	INST. ID	C.A.S. NUMBER	COMPOUND (HSL,TIC,OR UNKNOWN)	CONC	UNITS	CRDL
B1243	05-22-87	VOA	WATER	LOW	5996,B	075-09-2	Methylene Chloride	5	ug/l	5
B1243	05-22-87	VOA	WATER	LOW	5996,B	067-66-3	Chloroform	1	ug/l	5
B1243	05-22-87	VOA	WATER	LOW	5996,B	108-88-3	Toluene	1	ug/l	5

Comments :

AR400294

TOTAL ION CHROMATOGRAM

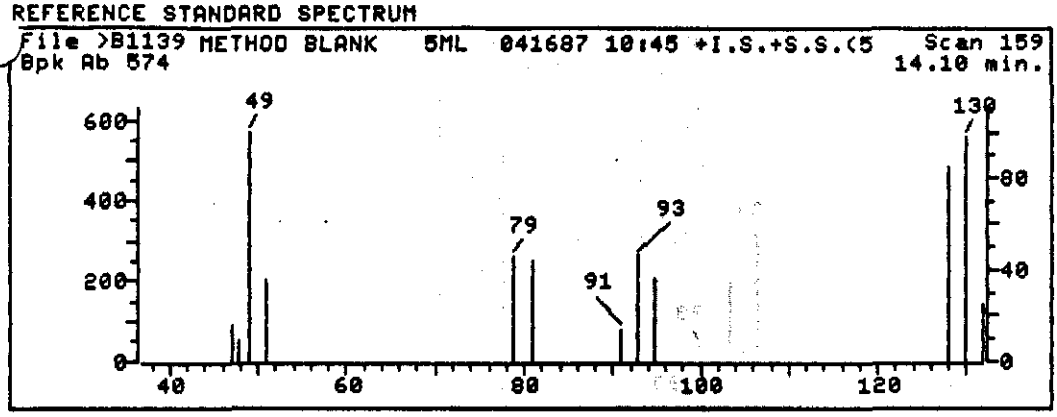


Data File: >B1243::D2 Quant Output File: ^B1243::D3
Name: METHOD BLANK 5ML
Misc: 052287 16:05 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)

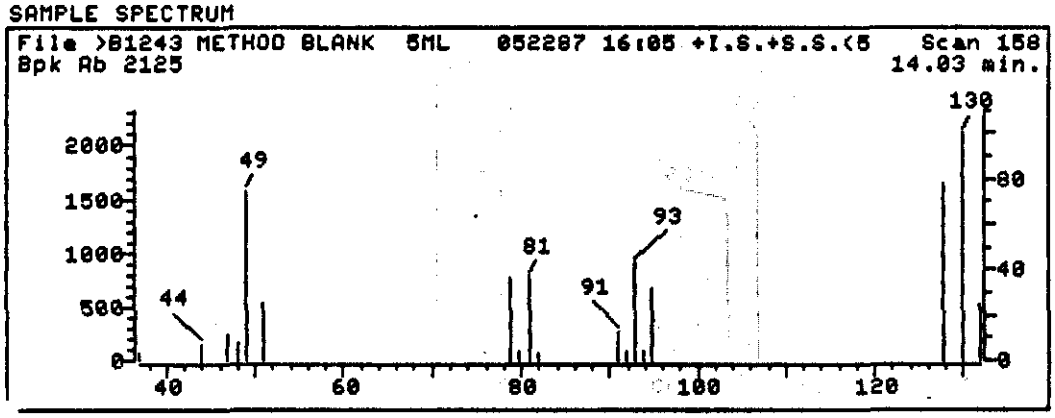
Id File: IDVOL5::D4
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870522 17:07

Operator ID: DT9093
Quant Time: 870522 17:07
Injected at: 870522 16:12

REFERENCE STANDARD SPECTRUM



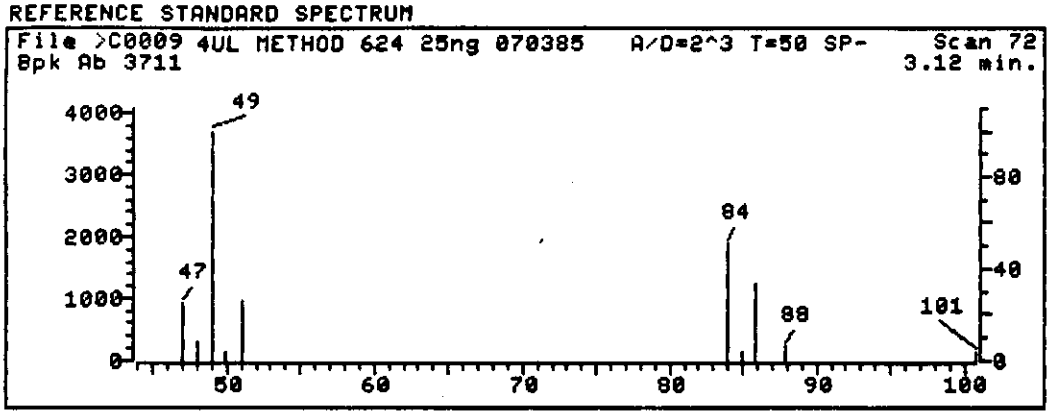
SAMPLE SPECTRUM



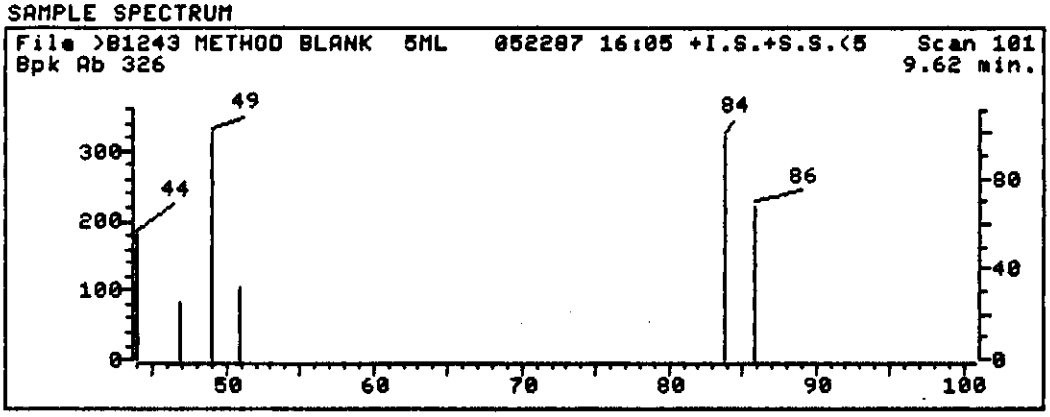
Data File: >B1243::D2 Quant Output File: ^B1243::D3
Name: METHOD BLANK 5ML
Misc: 052287 16:05 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 17:07 Quant ID File: IDVOL5::D4
Injected at: 870522 16:12 Last Calibration: 870522 17:07

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 158
Retention Time: 14.03 min.
Quant Ion: 49.0
Area: 33615
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



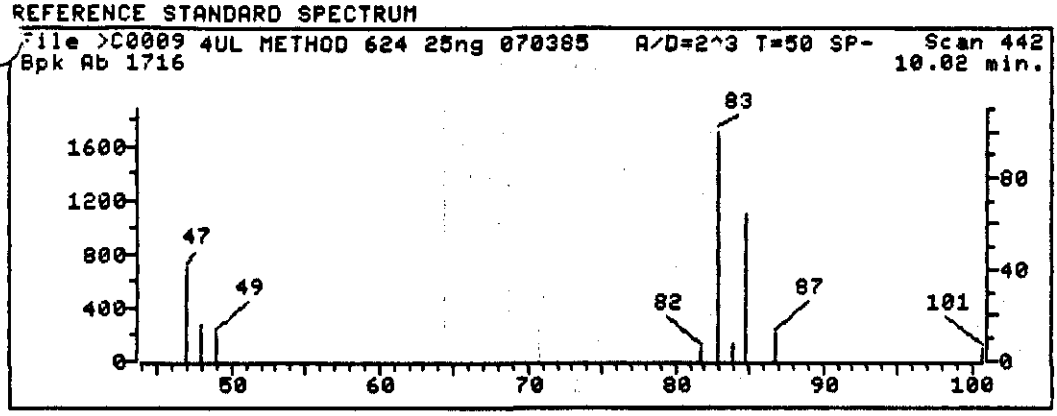
SAMPLE SPECTRUM



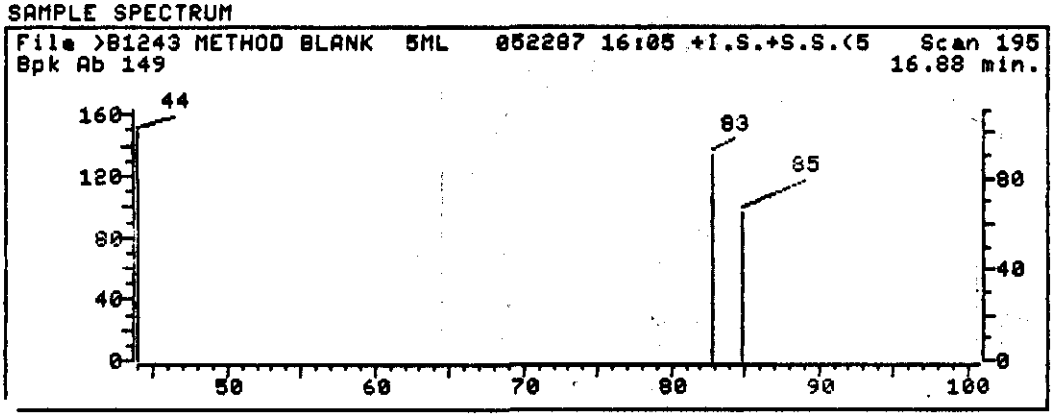
Data File: >B1243::D2 Quant Output File: ^B1243::D3
Name: METHOD BLANK 5ML
Misc: 052287 16:05 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 17:07 Quant ID File: IDVOL5::D4
Injected at: 870522 16:12 Last Calibration: 870522 17:07

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 101
Retention Time: 9.62 min.
Quant Ion: 49.0
Area: 6577
Concentration: 4.95 UG/L
q-value: 30

REFERENCE STANDARD SPECTRUM



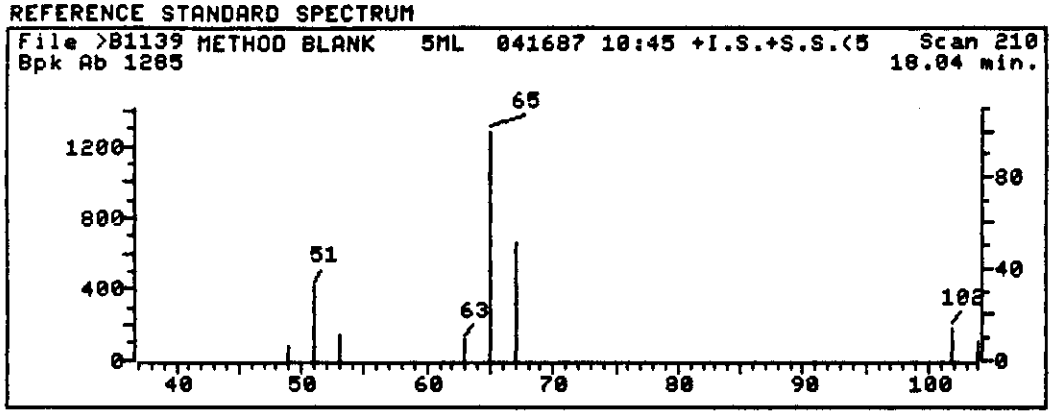
SAMPLE SPECTRUM



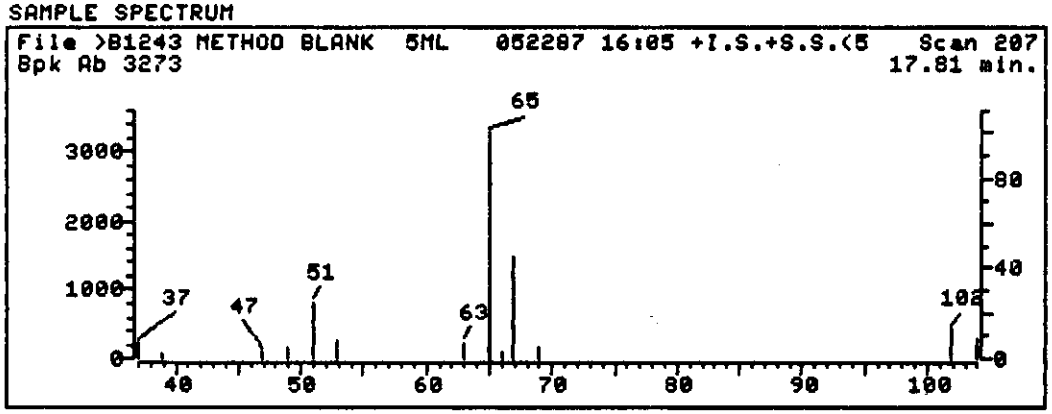
Data File: >B1243::D2 Quant Output File: ^B1243::D3
Name: METHOD BLANK 5ML
Misc: 052287 16:05 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 17:07 Quant ID File: IDVOL5::D4
Injected at: 870522 16:12 Last Calibration: 870522 17:07

Compound No: 16
Compound Name: Chloroform
Scan Number: 195
Retention Time: 16.88 min.
Quant Ion: 83.0
Area: 2447
Concentration: 1.08 UG/L
q-value: 97

REFERENCE STANDARD SPECTRUM



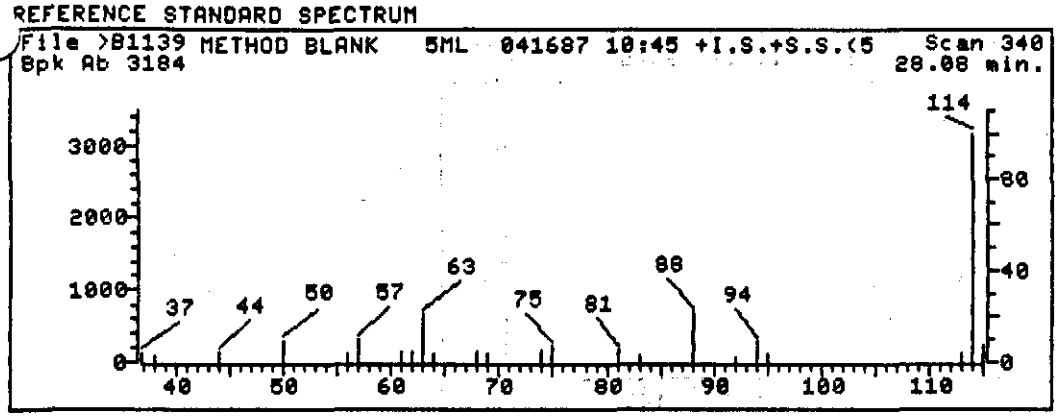
SAMPLE SPECTRUM



Data File: >B1243::D2 Quant Output File: ^B1243::D3
Name: METHOD BLANK 5ML
Misc: 052287 16:05 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 17:07 Quant ID File: IDVOL5::D4
Injected at: 870522 16:12 Last Calibration: 870522 17:07

Compound No: 19
Compound Name: 1,2-Dichloroethane-d-4(S.S.)
Scan Number: 207
Retention Time: 17.81 min.
Quant Ion: 65.0
Area: 75052
Concentration: 47.47 UG/L
q-value: 94

REFERENCE STANDARD SPECTRUM



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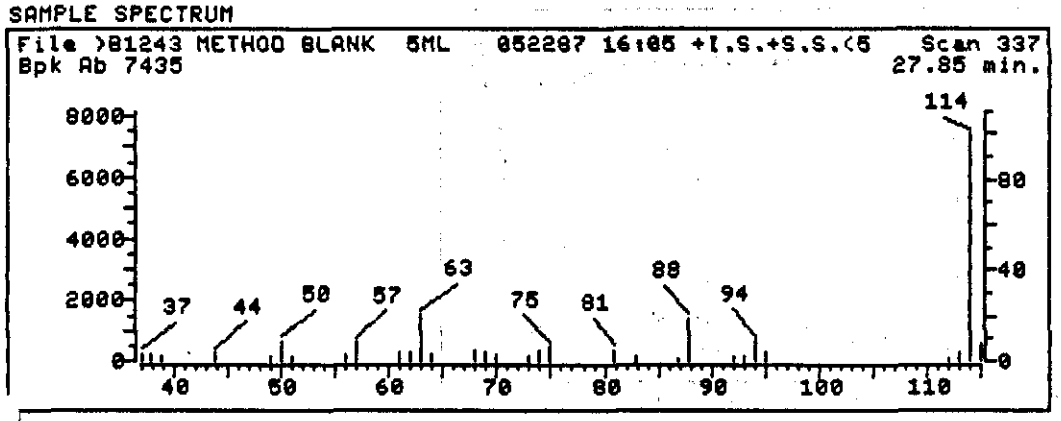
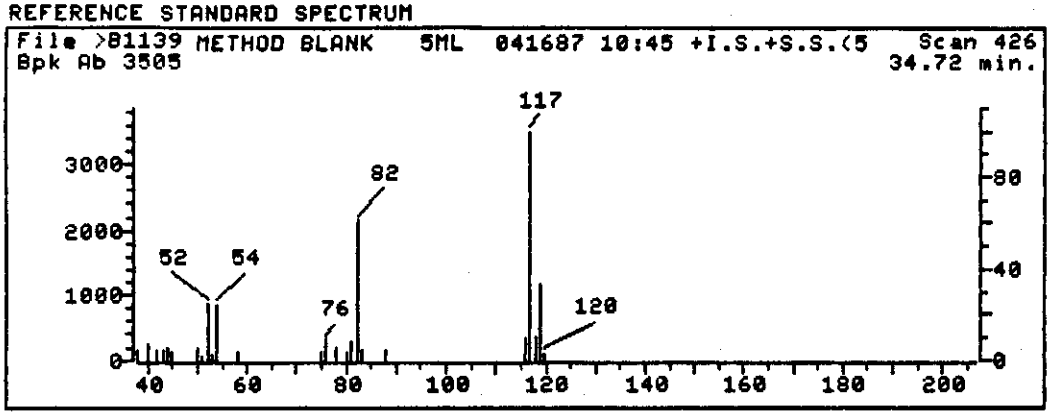


Data File: >B1243::D2 Quant Output File: ^B1243::D3
Name: METHOD BLANK 5ML
Misc: 052287 16:05 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 17:07 Quant ID File: IDVOL5::D4
Injected at: 870522 16:12 Last Calibration: 870522 17:07

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 337
Retention Time: 27.85 min.
Quant Ion: 114.0
Area: 170678
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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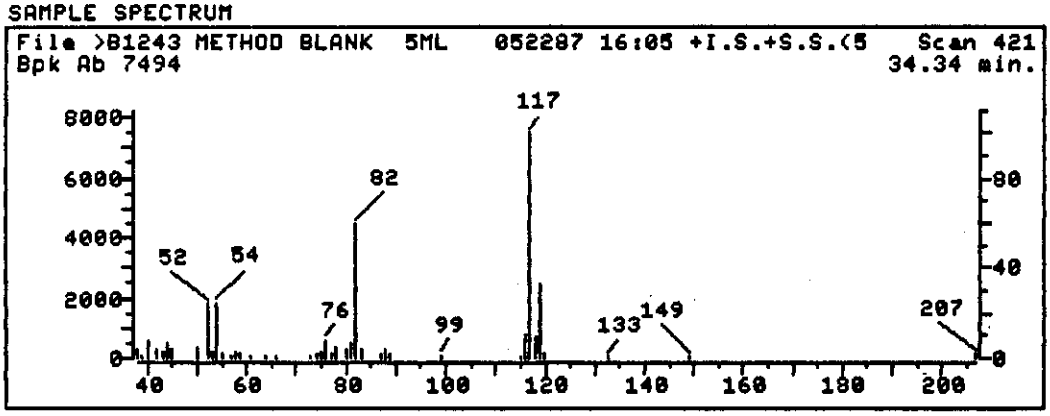
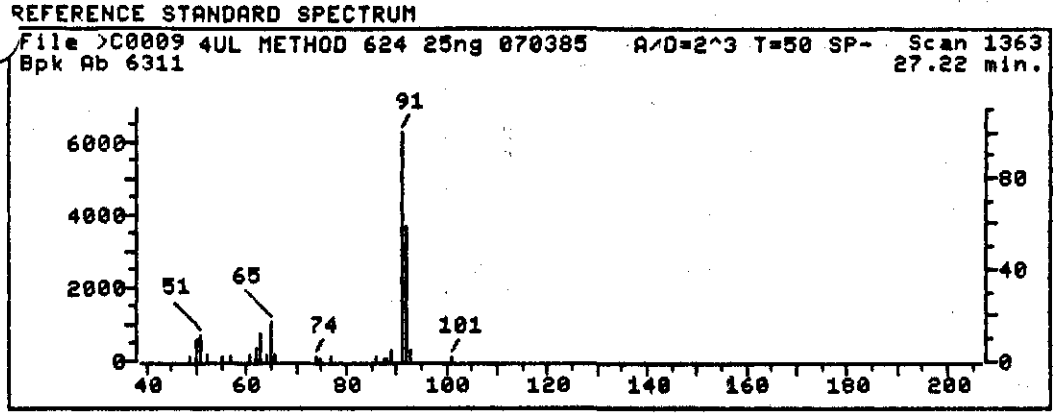


Data File: >B1243::D2 Quant Output File: ^B1243::D3
Name: METHOD BLANK 5ML
Misc: 052287 16:05 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 17:07 Quant ID File: IDVOL5::D4
Injected at: 870522 16:12 Last Calibration: 870522 17:07

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d-5
Scan Number: 421
Retention Time: 34.34 min.
Quant Ion: 117.0
Area: 201144
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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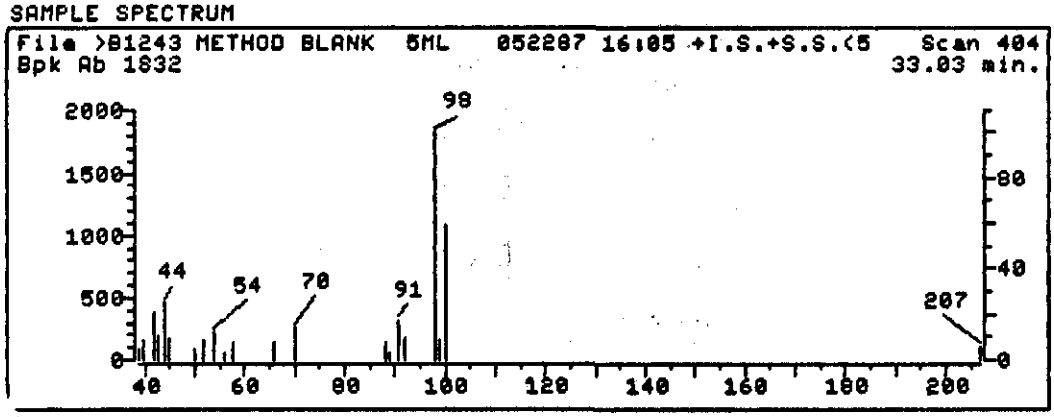
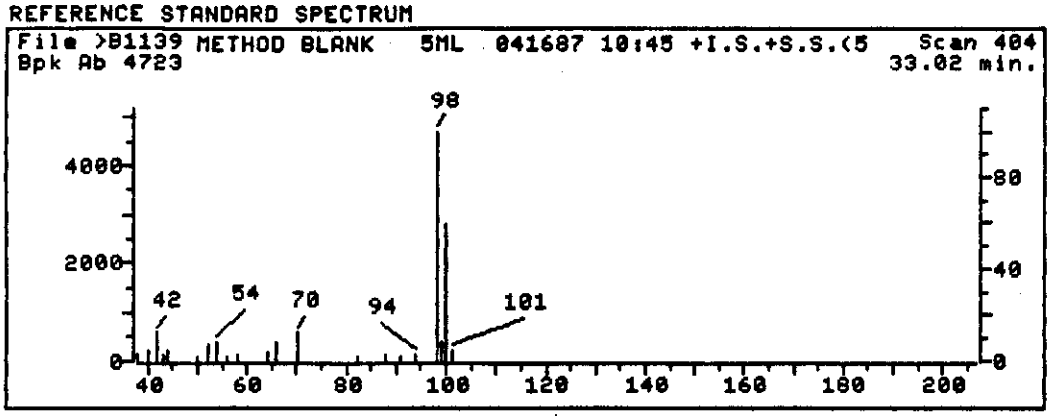


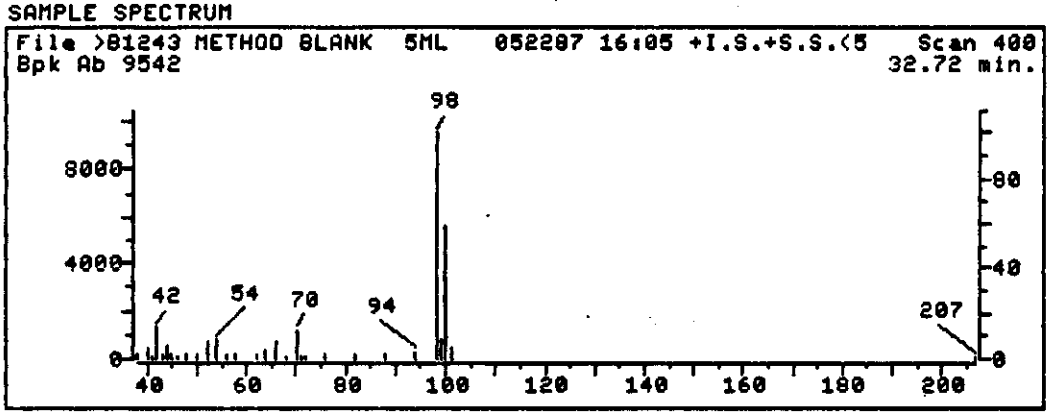
Data File: >B1243::D2 Quant Output File: ^B1243::D3
Name: METHOD BLANK 5ML
Misc: 052287 16:05 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 17:07 Quant ID File: IDVOL5::D4
Injected at: 870522 16:12 Last Calibration: 870522 17:07

Compound No: 39
Compound Name: Toluene
Scan Number: 404
Retention Time: 33.03 min.
Quant Ion: 91.0
Area: 6393
Concentration: 1.29 UG/L
q-value: 90

REFERENCE STANDARD SPECTRUM



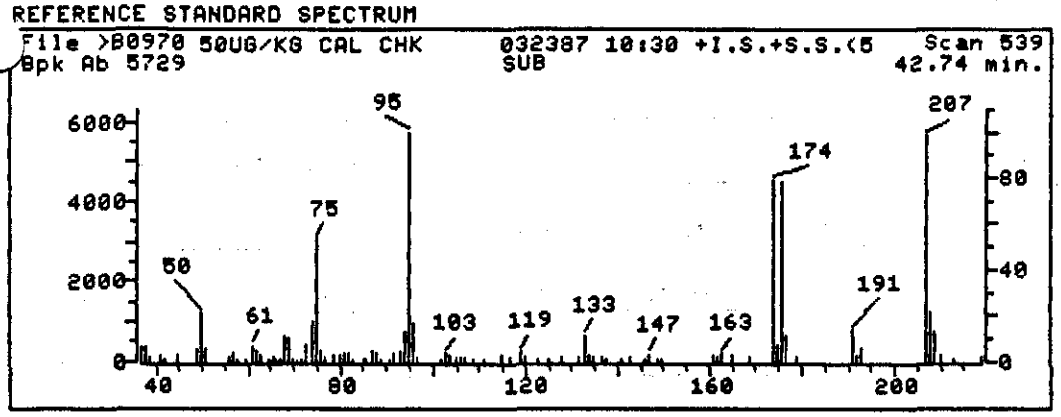
SAMPLE SPECTRUM



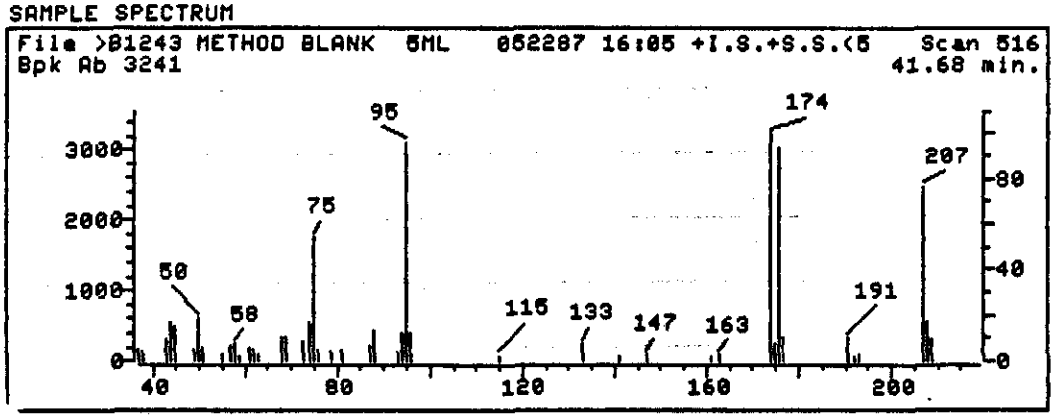
Data File: >B1243::D2 Quant Output File: ^B1243::D3
Name: METHOD BLANK 5ML
Misc: 052287 16:05 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 17:07 Quant ID File: IDVOL5::D4
Injected at: 870522 16:12 Last Calibration: 870522 17:07

Compound No: 40
Compound Name: Toluene-d-8(S.S.)
Scan Number: 400
Retention Time: 32.72 min.
Quant Ion: 98.0
Area: 224420
Concentration: 50.22 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >B1243::D2 Quant Output File: ^B1243::D3
Name: METHOD BLANK 5ML
Misc: 052287 16:05 +I.S.+S.S.(5+5UL)(E=2300,A/D=2^5,T=40,SP-1000)
Quant Time: 870522 17:07 Quant ID File: IDVOL5::D4
Injected at: 870522 16:12 Last Calibration: 870522 17:07

Compound No: 44
Compound Name: Bromofluorobenzene(S.S.)
Scan Number: 516
Retention Time: 41.68 min.
Quant Ion: 95.0
Area: 155548
Concentration: 51.78 UG/L
q-value: 100

METHOD BLANK SUMMARY

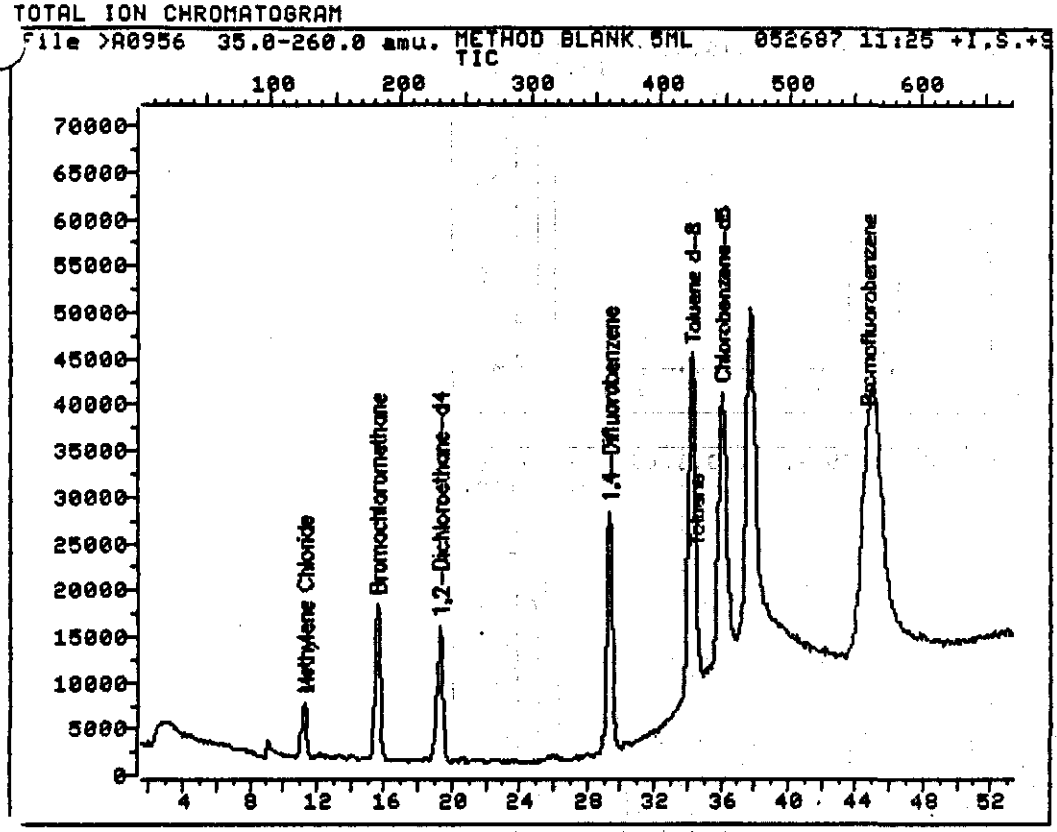
Case No. : N/A Region : V Contractor : Waste> Ind of NJ Contract No. : N/A

FILE ID	DATE OF ANALYSIS	FRACTION	MATRIX	CONC. LEVEL	INST. ID	C.A.S. NUMBER	COMPOUND (HS: TIC,OR UNKNOWN)	CONC	UNITS	CRDL
[illegible]	[illegible]	VOA	WATER	LOW	5996,A	[illegible]	Methylene Chloride	9	ug/l	5
40956	05-26-87	VOA	WATER	LOW	5996,A	108-88-3	Toluene	2	ug/l	500

Comments :

AR400305

TOTAL ION CHROMATOGRAM

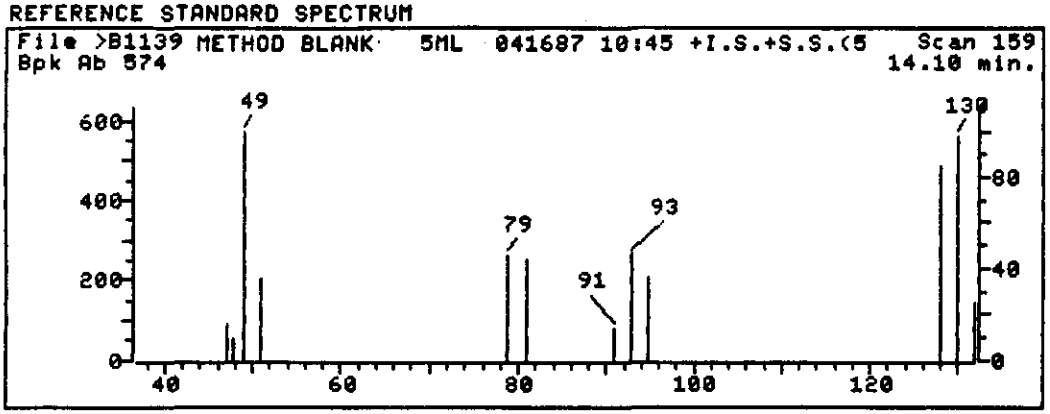


Data File: >A0956::D2 Quant Output File: ^A0956::D3
Name: METHOD BLANK 5ML
Misc: 052687 11:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

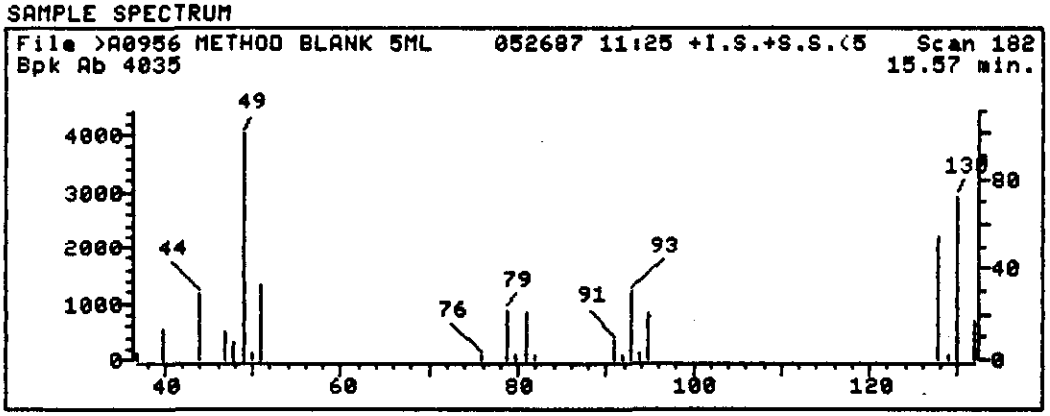
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870526 12:02

Operator ID: DT9093
Quant Time: 870526 12:27
Injected at: 870526 11:26

REFERENCE STANDARD SPECTRUM



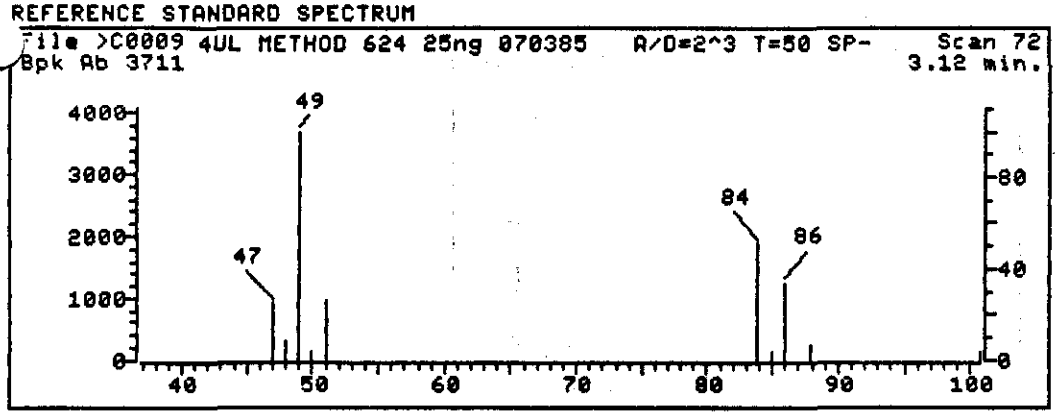
SAMPLE SPECTRUM



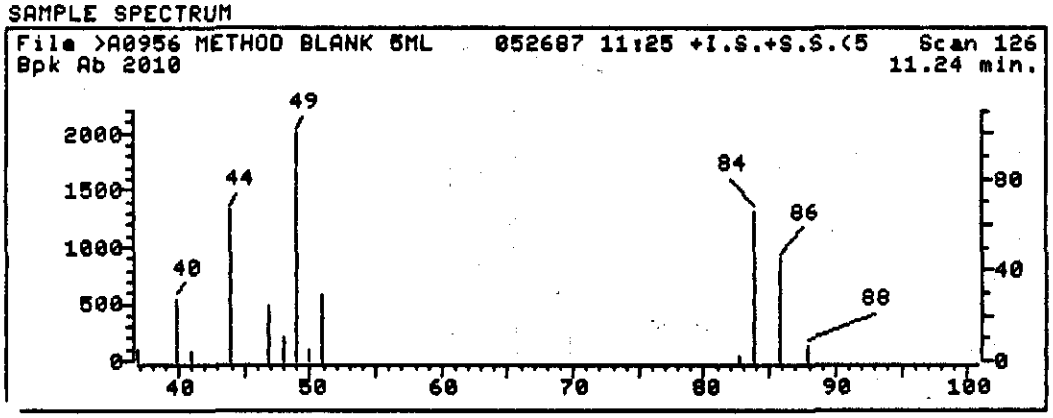
Data File: >A0956::D2 Quant Output File: ^A0956::D3
Name: METHOD BLANK 5ML
Misc: 052687 11:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 12:27 Quant ID File: IDVOL5::M1
Injected at: 870526 11:26 Last Calibration: 870526 12:02

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 182
Retention Time: 15.57 min.
Quant Ion: 49.0
Area: 94301
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



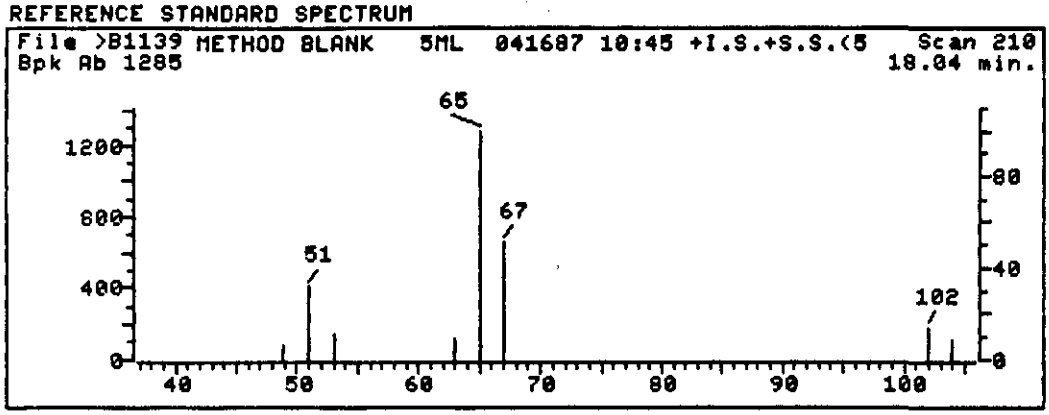
SAMPLE SPECTRUM



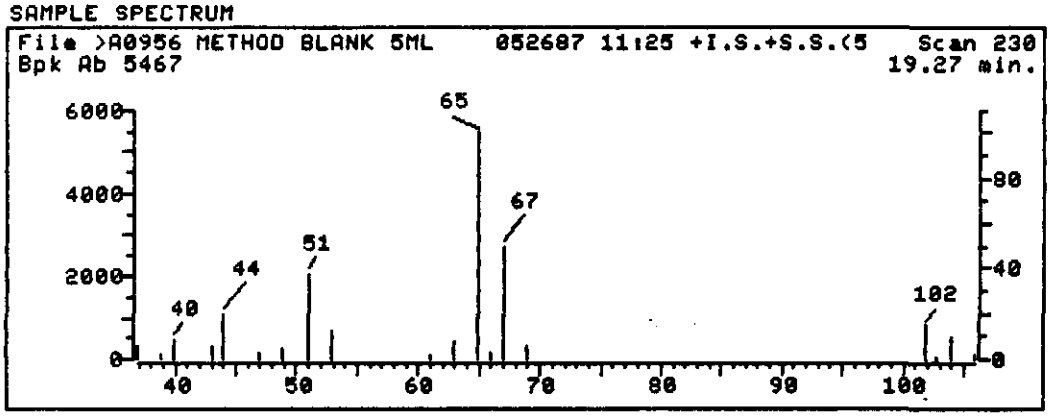
Data File: >A0956::D2 Quant Output File: ^A0956::D3
Name: METHOD BLANK 5ML
Misc: 052687 11:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 12:27 Quant ID File: IDVOL5::M1
Injected at: 870526 11:26 Last Calibration: 870526 12:02

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 126
Retention Time: 11.24 min.
Quant Ion: 49.0
Area: 43050
Concentration: 8.72 UG/L
q-value: 75

REFERENCE STANDARD SPECTRUM



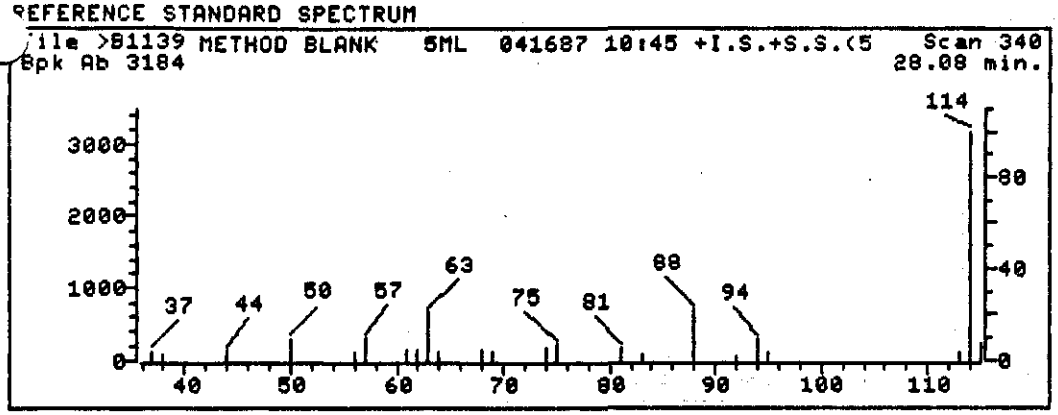
SAMPLE SPECTRUM



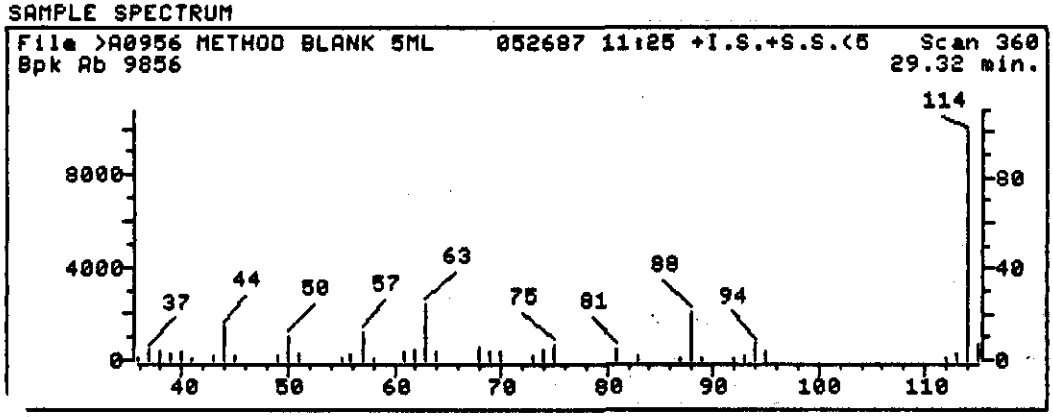
Data File: >A0956::D2 Quant Output File: ^A0956::D3
Name: METHOD BLANK 5ML
Misc: 052687 11:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 12:27 Quant ID File: IDVOL5::M1
Injected at: 870526 11:26 Last Calibration: 870526 12:02

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 230
Retention Time: 19.27 min.
Quant Ion: 65.0
Area: 124396
Concentration: 48.57 UG/L
q-value: 97

REFERENCE STANDARD SPECTRUM



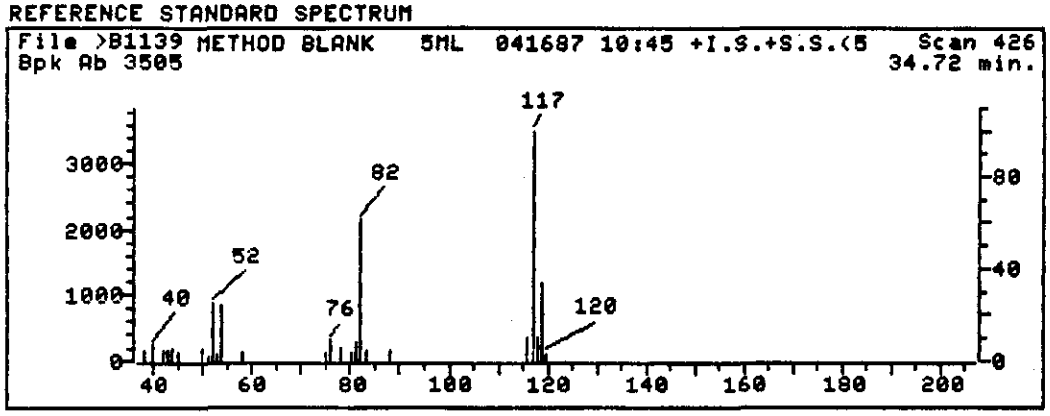
SAMPLE SPECTRUM



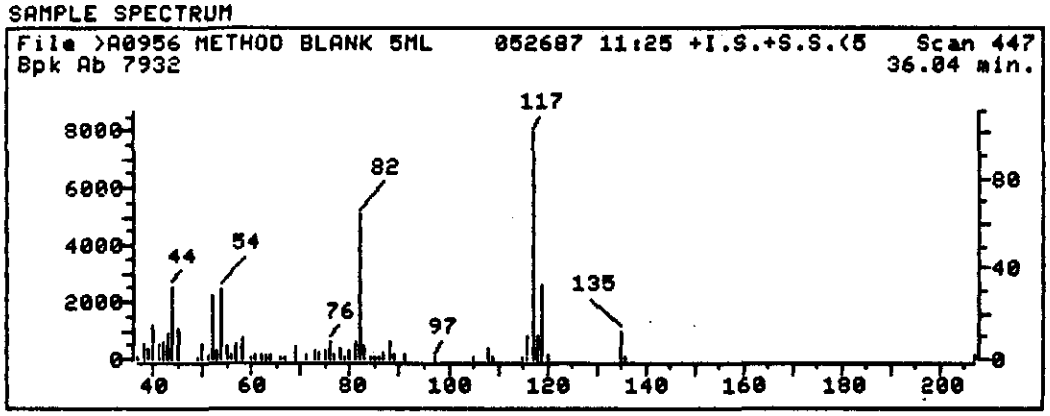
Data File: >A0956::D2 Quant Output File: ^A0956::D3
Name: METHOD BLANK 5ML
Misc: 052687 11:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 12:27 Quant ID File: IDVOL5::M1
Injected at: 870526 11:26 Last Calibration: 870526 12:02

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 360
Retention Time: 29.32 min.
Quant Ion: 114.0
Area: 231851
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



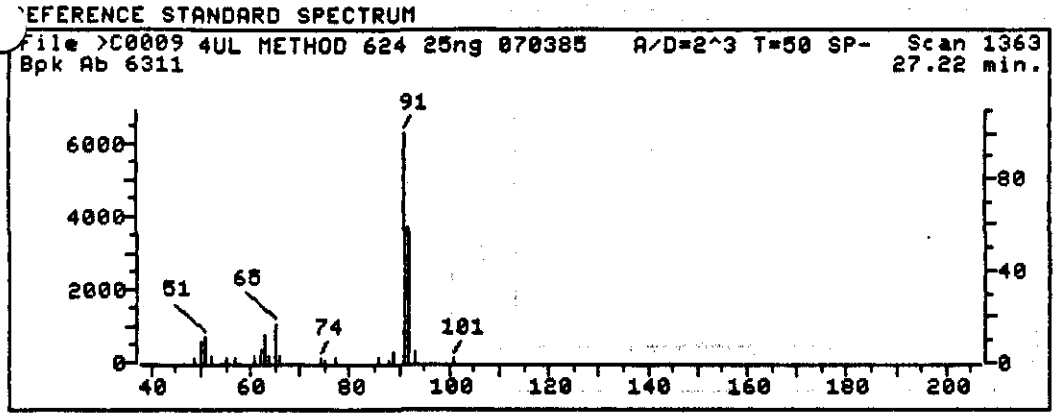
SAMPLE SPECTRUM



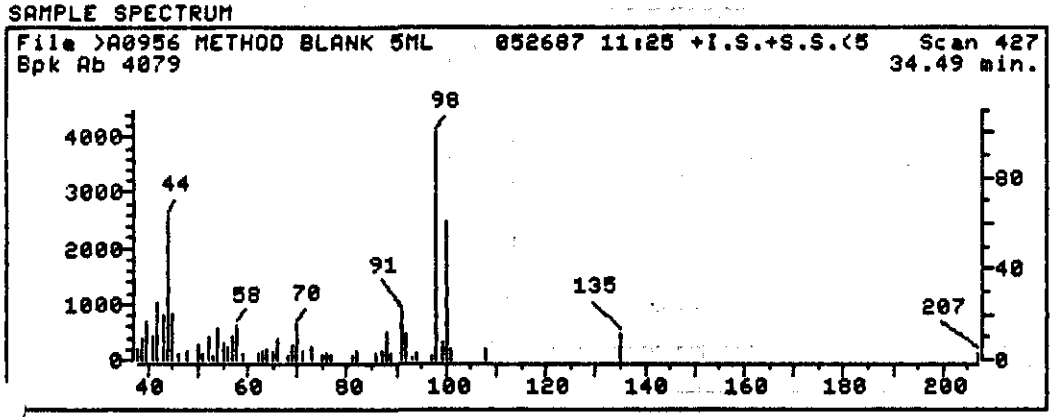
Data File: >A0956::D2 Quant Output File: ^A0956::D3
Name: METHOD BLANK 5ML
Misc: 052687 11:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 12:27 Quant ID File: IDVOL5::M1
Injected at: 870526 11:26 Last Calibration: 870526 12:02

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 447
Retention Time: 36.04 min.
Quant Ion: 117.0
Area: 258348
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



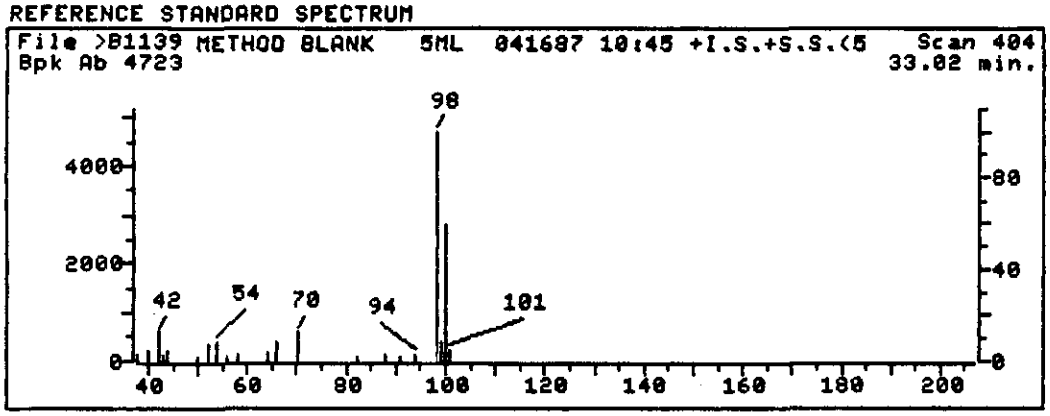
SAMPLE SPECTRUM



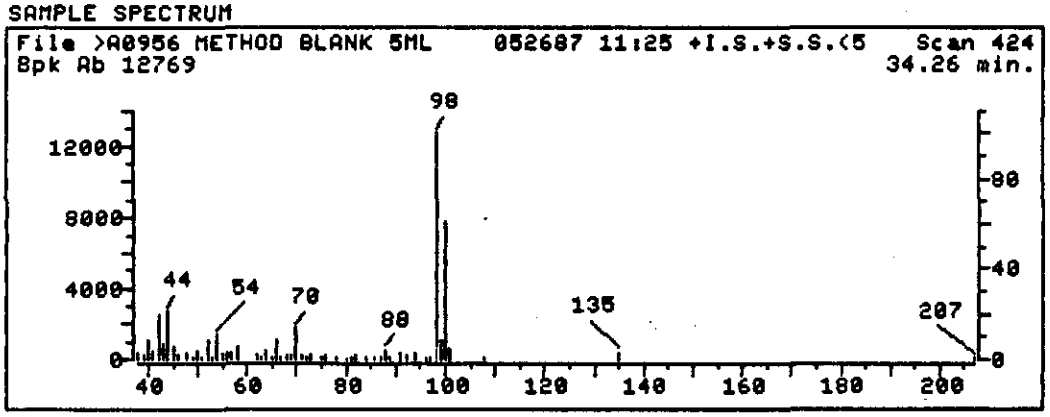
Data File: >A0956::D2 Quant Output File: ^A0956::D3
Name: METHOD BLANK 5ML
Misc: 052687 11:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 12:27 Quant ID File: IDVOL5::M1
Injected at: 870526 11:26 Last Calibration: 870526 12:02

Compound No: 39
Compound Name: Toluene
Scan Number: 427
Retention Time: 34.49 min.
Quant Ion: 91.0
Area: 26962
Concentration: 1.97 UG/L
q-value: 89.

REFERENCE STANDARD SPECTRUM



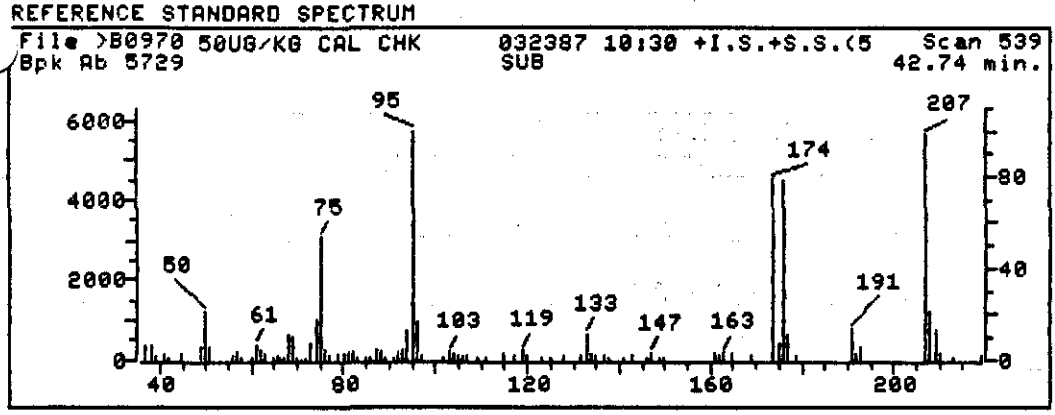
SAMPLE SPECTRUM



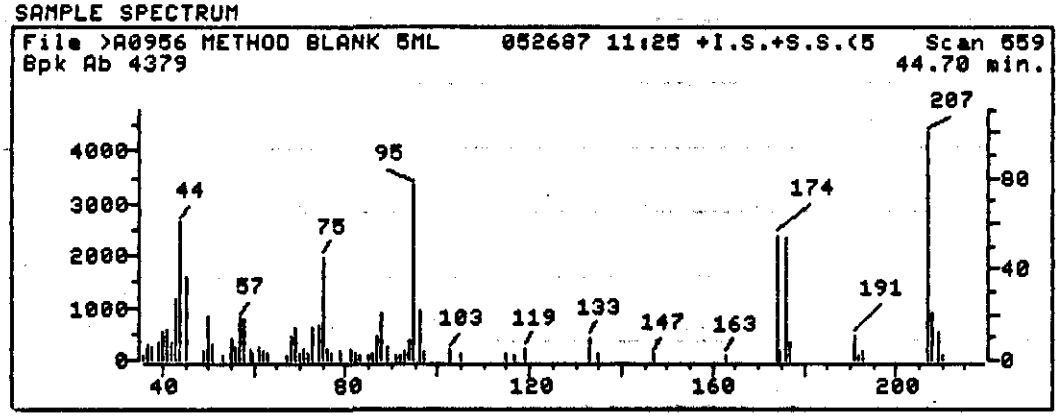
Data File: >A0956::D2 Quant Output File: ^A0956::D3
Name: METHOD BLANK 5ML
Misc: 052687 11:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 12:27 Quant ID File: IDVOL5::M1
Injected at: 870526 11:26 Last Calibration: 870526 12:02

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 424
Retention Time: 34.26 min.
Quant Ion: 98.0
Area: 341442
Concentration: 48.88 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0956::D2 Quant Output File: ^A0956::D3
Name: METHOD BLANK 5ML
Misc: 052687 11:25 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 12:27 Quant ID File: IDVOL5::M1
Injected at: 870526 11:26 Last Calibration: 870526 12:02

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 559
Retention Time: 44.70 min.
Quant Ion: 95.0
Area: 212404
Concentration: 49.68 UG/L
q-value: 100

METHOD BLANK SUMMARY

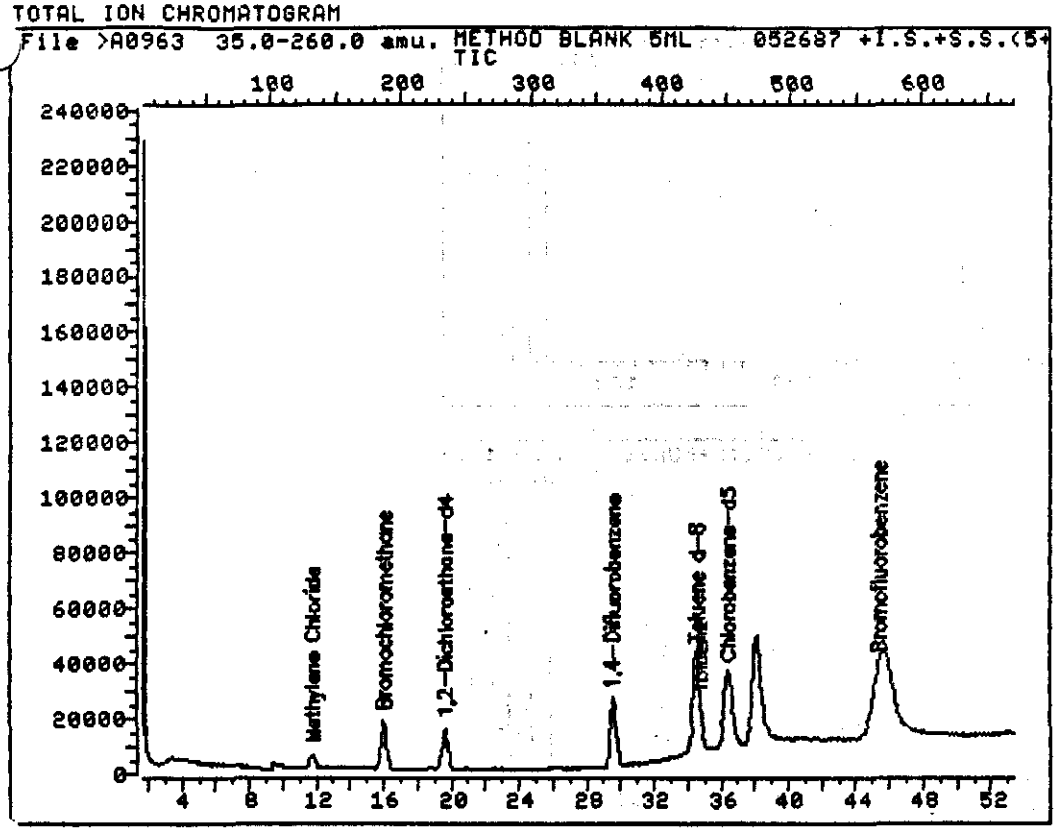
Case No. : N/A Region : V Contractor : Wastex Ind of NJ Contract No. : N/A

FILE ID	DATE OF ANALYSIS	FRACTION	MATRIX	CONC. LEVEL	INST. ID	C.A.S. NUMBER	COMPOUND (HSL,TIC,OR UNKNOWN)	CONC	UNITS	CRDL
A0963	05-26-87	VOA	WATER	LOW	5996,A	075-09-2	Methylene Chloride	7	ug/l	5
A0963	05-26-87	VOA	WATER	LOW	5996,A	108-88-3	Toluene	2	ug/l	5

Comments :

AR400315

TOTAL ION CHROMATOGRAM

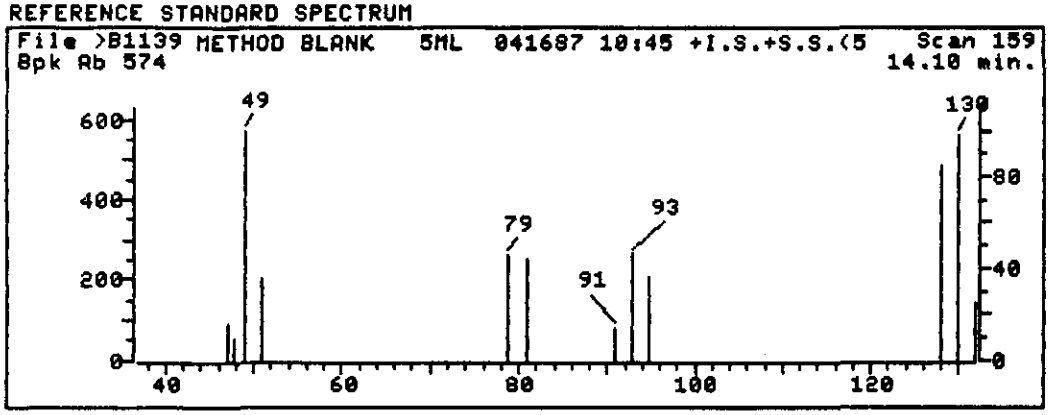


Data File: >A0963::D2 Quant Output File: ^A0963::M2
Name: METHOD BLANK 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

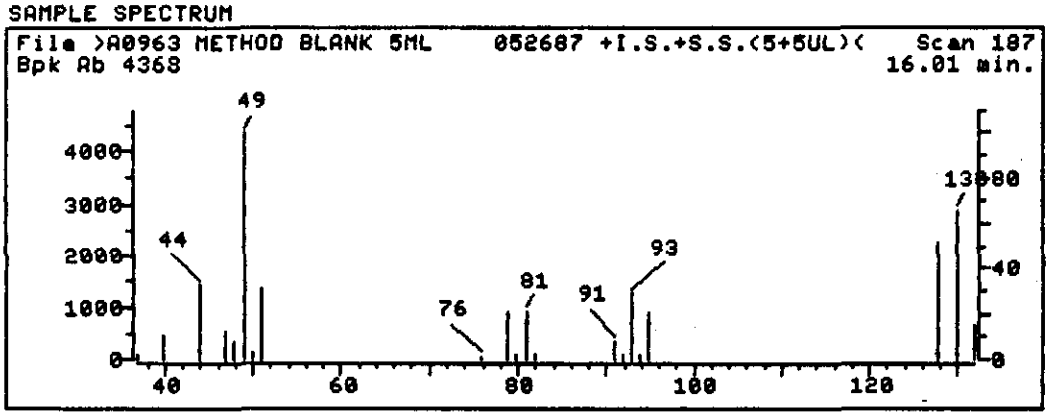
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870526 18:38

Operator ID: DT9093
Quant Time: 870526 19:05
Injected at: 870526 18:11

REFERENCE STANDARD SPECTRUM



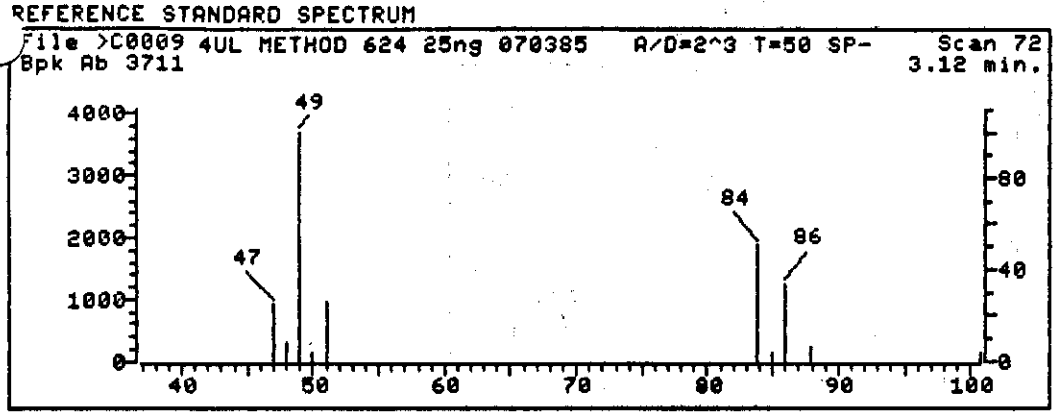
SAMPLE SPECTRUM



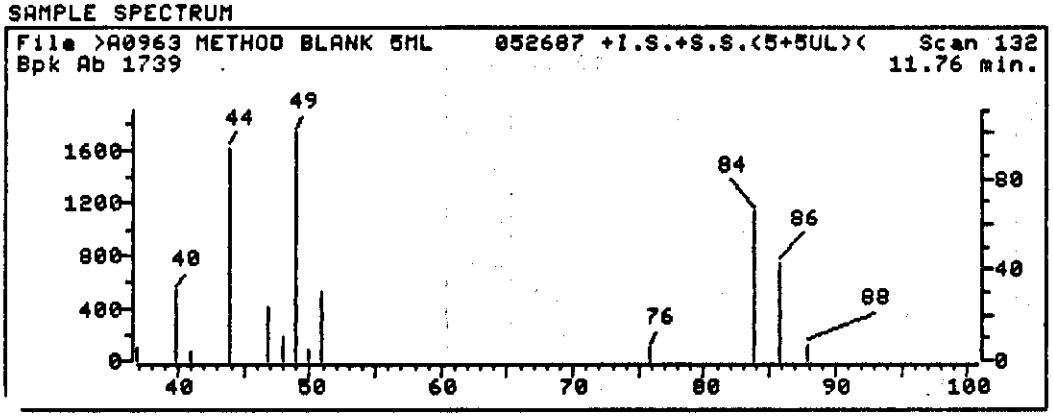
Data File: >A0963::D2 Quant Output File: ^A0963::M2
Name: METHOD BLANK 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 19:05 Quant ID File: IDVOL5::M1
Injected at: 870526 18:11 Last Calibration: 870526 18:38

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 187
Retention Time: 16.01 min.
Quant Ion: 49.0
Area: 94565
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



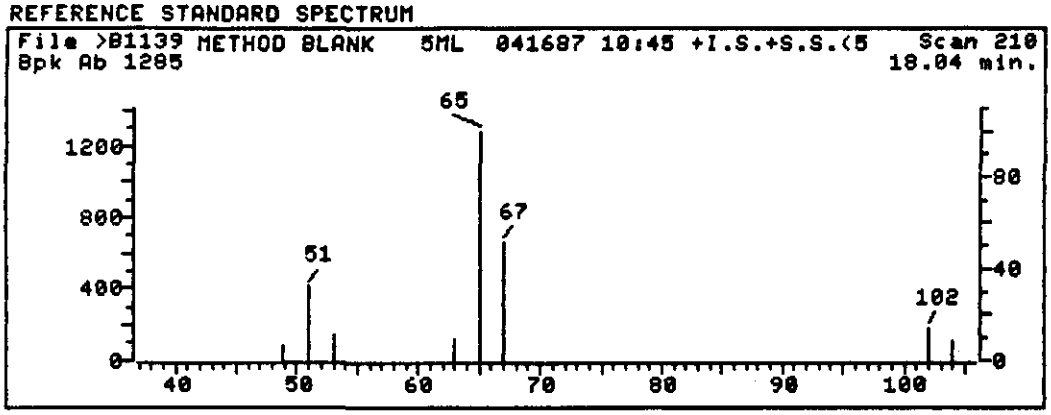
SAMPLE SPECTRUM



Data File: >A0963::D2 Quant Output File: ^A0963::M2
Name: METHOD BLANK 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 19:05 Quant ID File: IDVOL5::M1
Injected at: 870526 18:11 Last Calibration: 870526 18:38

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 132
Retention Time: 11.76 min.
Quant Ion: 49.0
Area: 36023
Concentration: 7.36 UG/L
q-value: 77

REFERENCE STANDARD SPECTRUM



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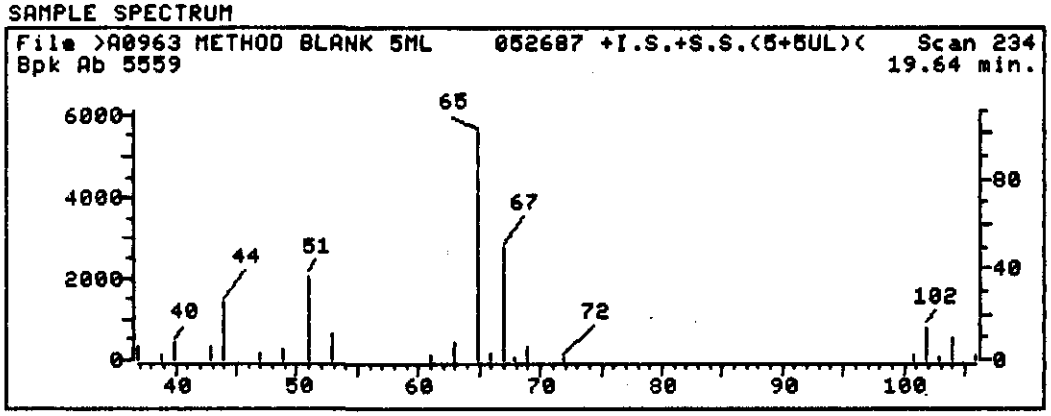
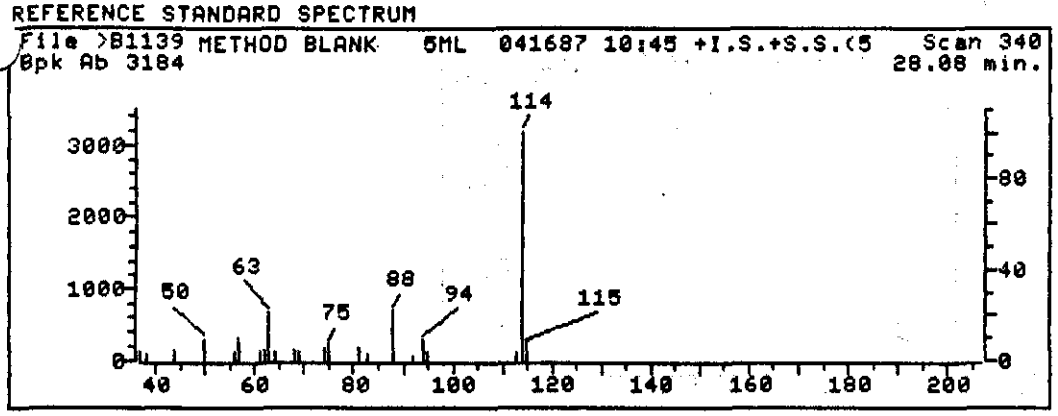


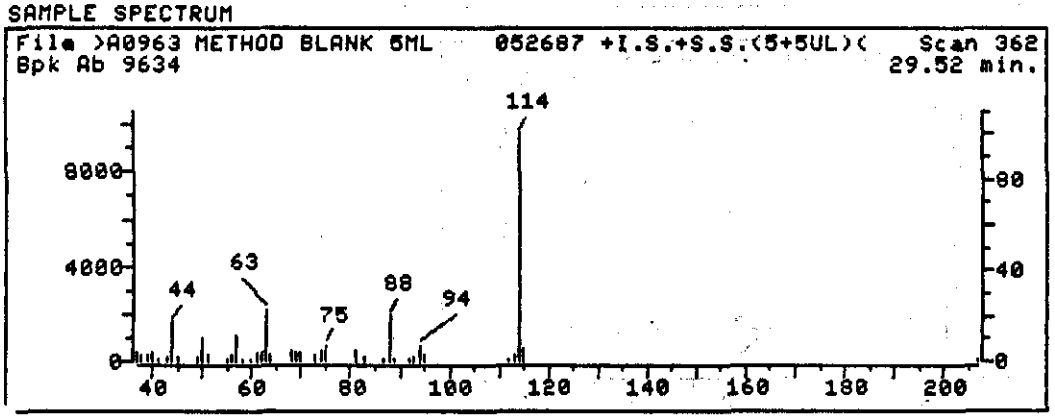
Data File: >A0963::D2 Quant Output File: ^A0963::M2
Name: METHOD BLANK 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 19:05 Quant ID File: IDVOL5::M1
Injected at: 870526 18:11 Last Calibration: 870526 18:38

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.64 min.
Quant Ion: 65.0
Area: 127212
Concentration: 47.85 UG/L
q-value: 97

REFERENCE STANDARD SPECTRUM



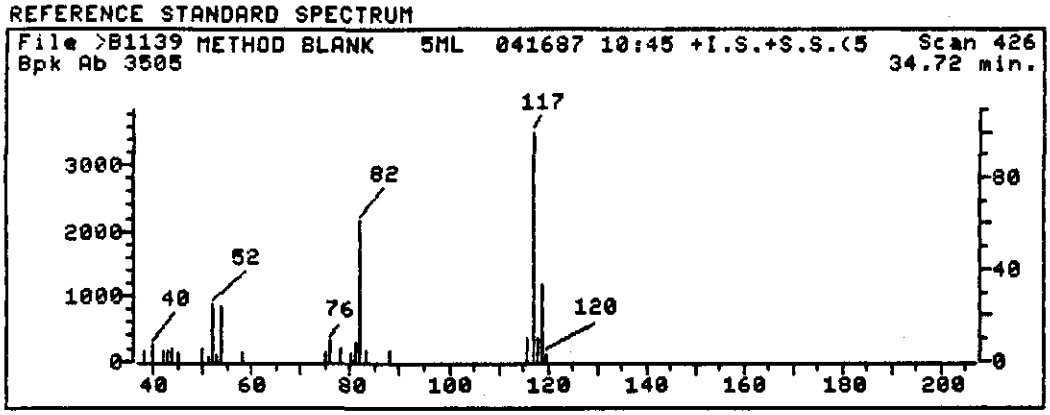
SAMPLE SPECTRUM



Data File: >A0963::D2 Quant Output File: ^A0963::M2
Name: METHOD BLANK 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 19:05 Quant ID File: IDVOL5::M1
Injected at: 870526 18:11 Last Calibration: 870526 18:38

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 362
Retention Time: 29.52 min.
Quant Ion: 114.0
Area: 231351
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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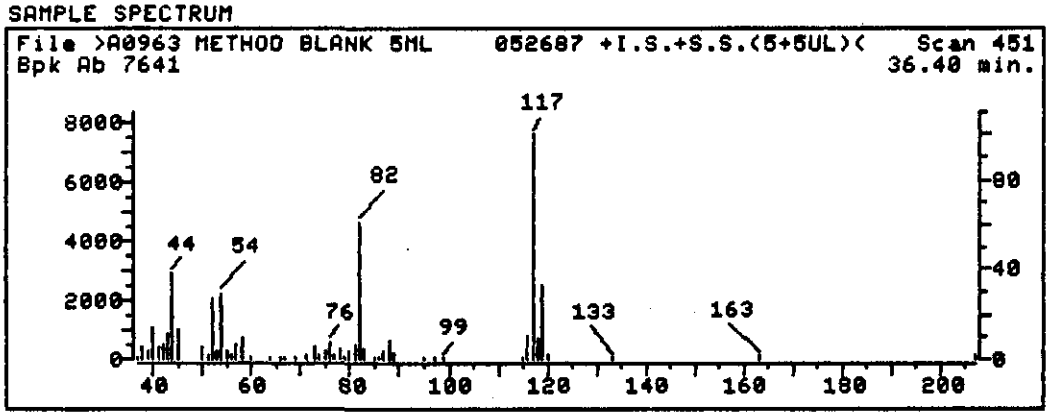
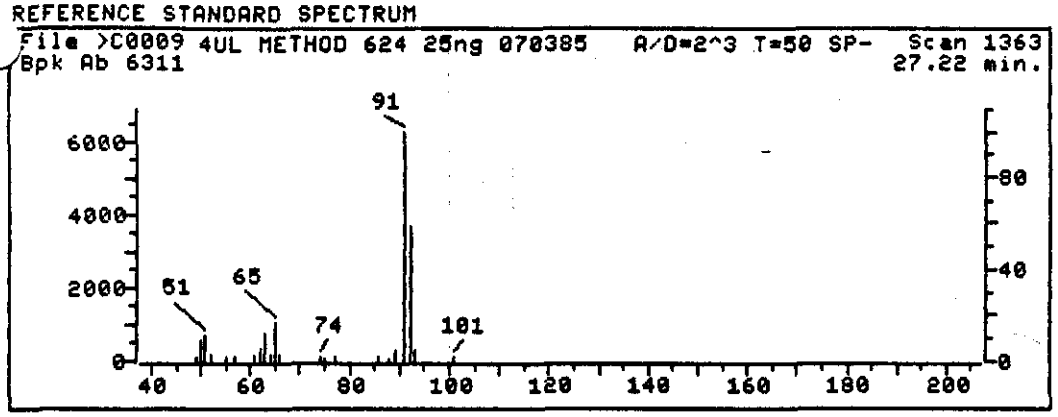


Data File: >A0963::D2 Quant Output File: ^A0963::M2
Name: METHOD BLANK 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 19:05 Quant ID File: IDVOL5::M1
Injected at: 870526 18:11 Last Calibration: 870526 18:38

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 451
Retention Time: 36.40 min.
Quant Ion: 117.0
Area: 256614
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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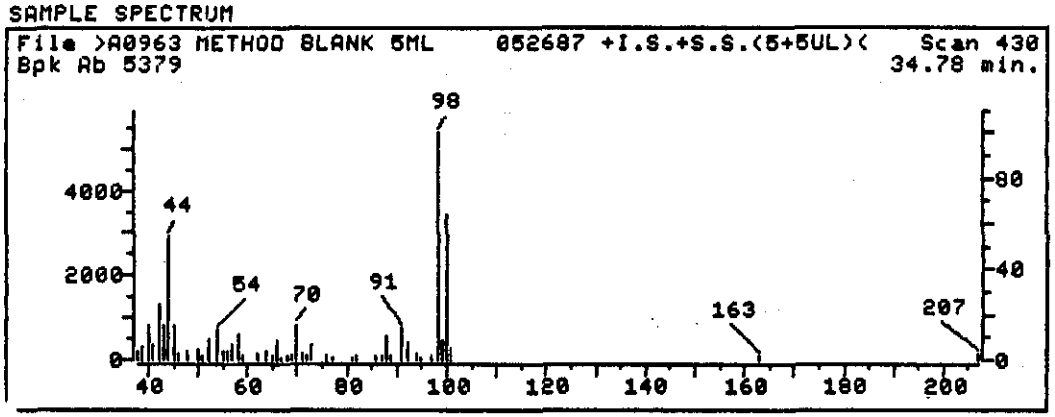
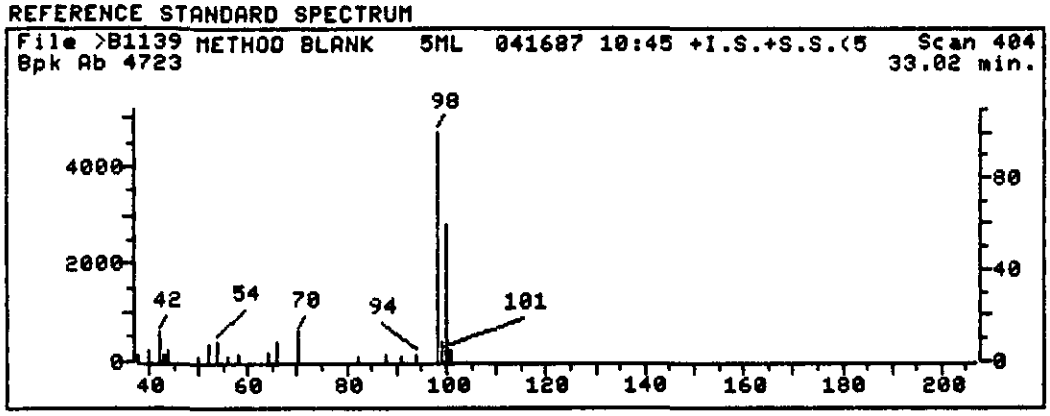


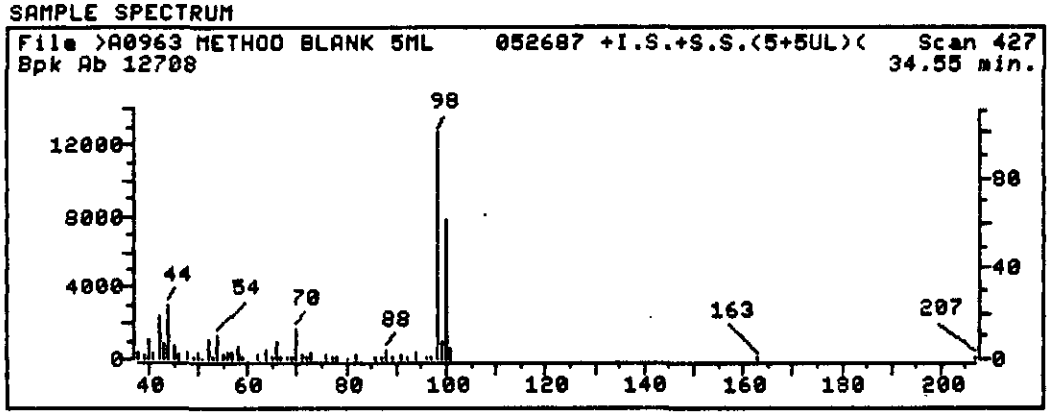
Data File: >A0963::D2 Quant Output File: ^A0963::M2
Name: METHOD BLANK 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 19:05 Quant ID File: IDVOL5::M1
Injected at: 870526 18:11 Last Calibration: 870526 18:38

Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.78 min.
Quant Ion: 91.0
Area: 22049
Concentration: 1.64 UG/L
q-value: 94

REFERENCE STANDARD SPECTRUM



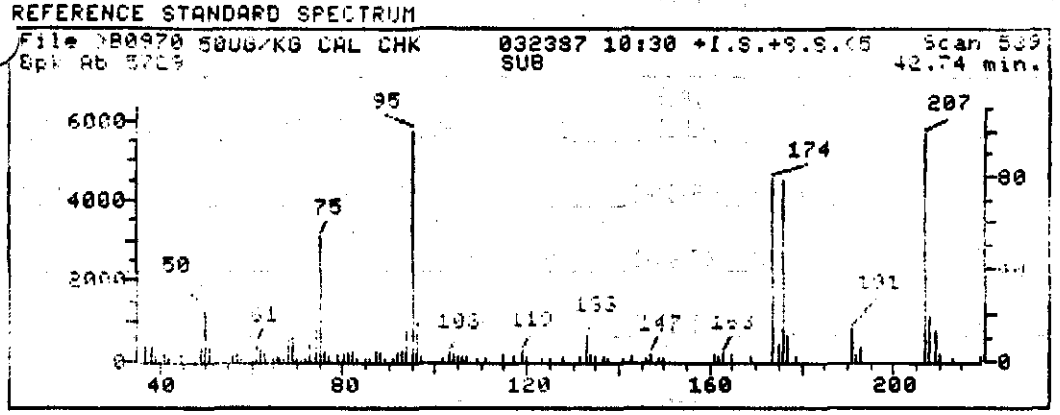
SAMPLE SPECTRUM



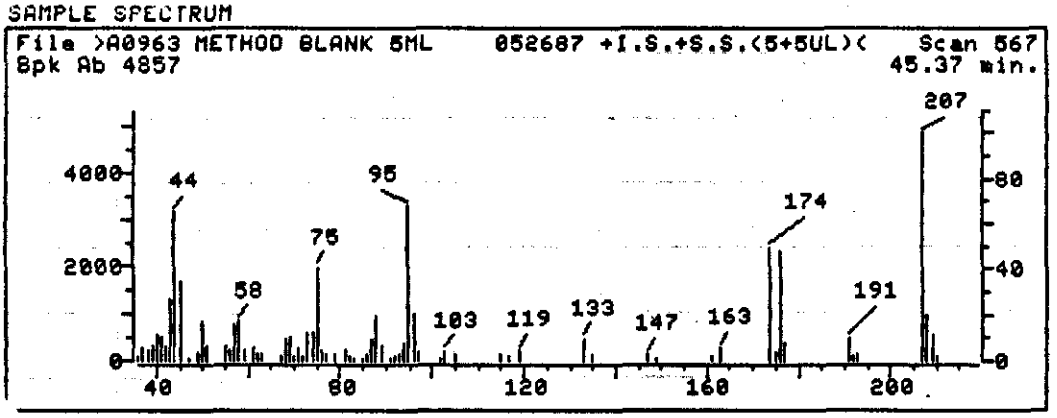
Data File: >A0963::D2 Quant Output File: ^A0963::M2
Name: METHOD BLANK 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 19:05 Quant ID File: IDVOL5::M1
Injected at: 870526 18:11 Last Calibration: 870526 18:38

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 427
Retention Time: 34.55 min.
Quant Ion: 98.0
Area: 335791
Concentration: 49.39 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0963::D2 Quant Output File: ^A0963::M2
Name: METHOD BLANK 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870526 19:05 Quant ID File: IDVOL5::M1
Injected at: 870526 18:11 Last Calibration: 870526 18:38

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 567
Retention Time: 45.37 min.
Quant Ion: 95.0
Area: 214509
Concentration: 49.28 UG/L
q-value: 100

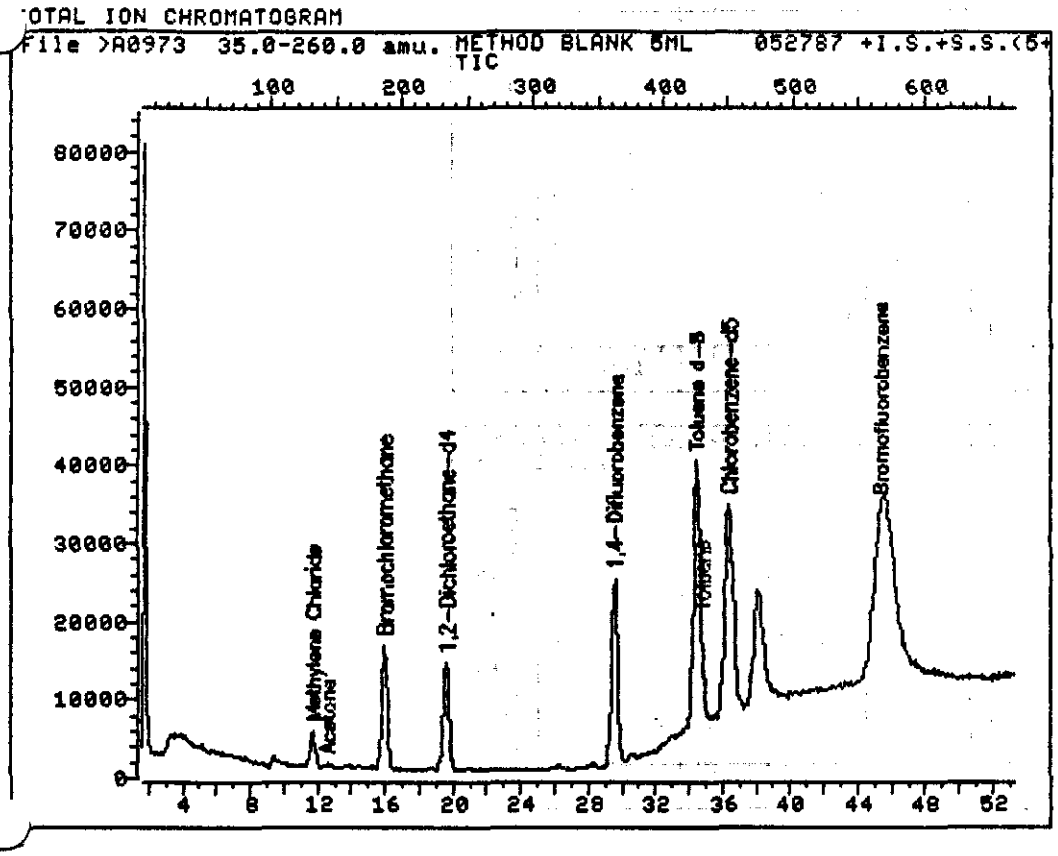
METHOD BLANK SUMMARY

Case No. : N/A Region : V Contractor : Wastex Ind of NJ Contract No. : N/A

FILE ID	DATE OF ANALYSIS	FRACTION	MATRIX	CONC. LEVEL	INST. ID	C.A.S. NUMBER	COMPOUND (HSL,TIC,OR UNKNOWN)	CONC	UNITS	CRDL
>A0973	05-27-87	VOA	WATER	LOW	5996,A	075-09-2	Methylene Chloride	7	ug/l	5
>A0973	05-27-87	VOA	WATER	LOW	5996,A	067-64-1	Acetone	7	ug/l	10
>A0973	05-27-87	VOA	WATER	LOW	5996,A	108-88-3	Toluene	2	ug/l	5

Comments :

AR400325

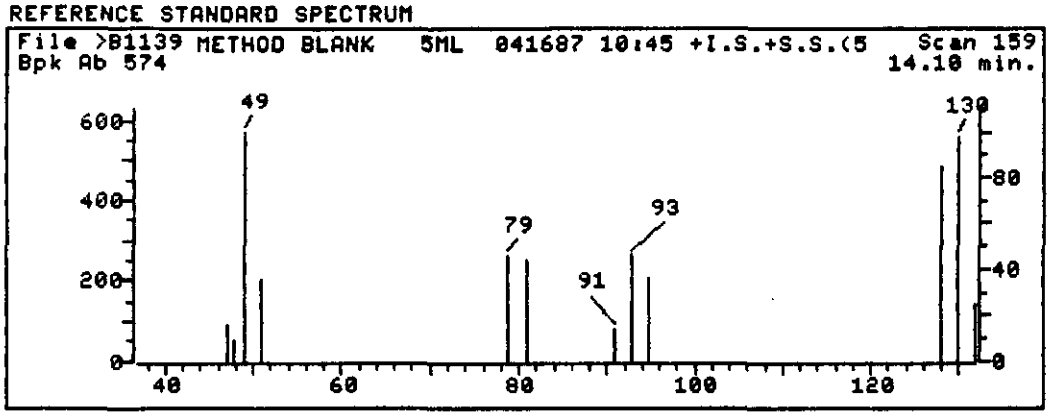


Data File: >A0973::D2 Quant Output File: ^A0973::M2
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

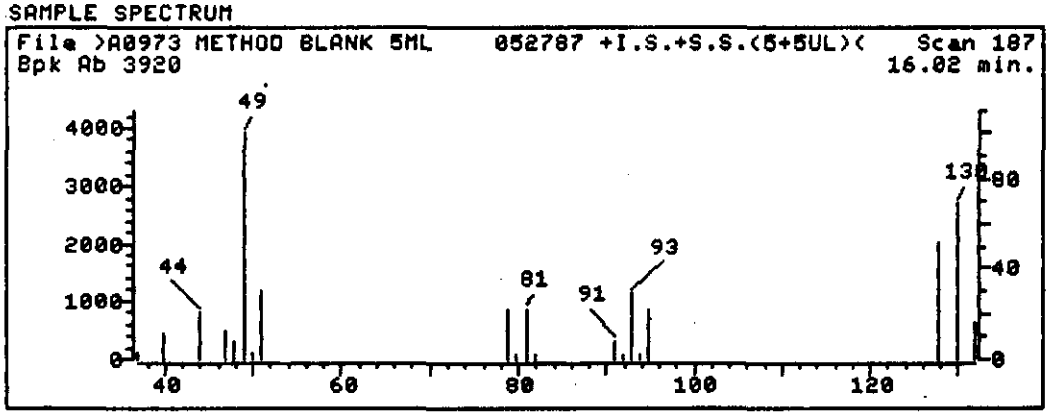
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870527 10:37

Operator ID: DT9093
Quant Time: 870527 11:35
Injected at: 870527 10:41

REFERENCE STANDARD SPECTRUM



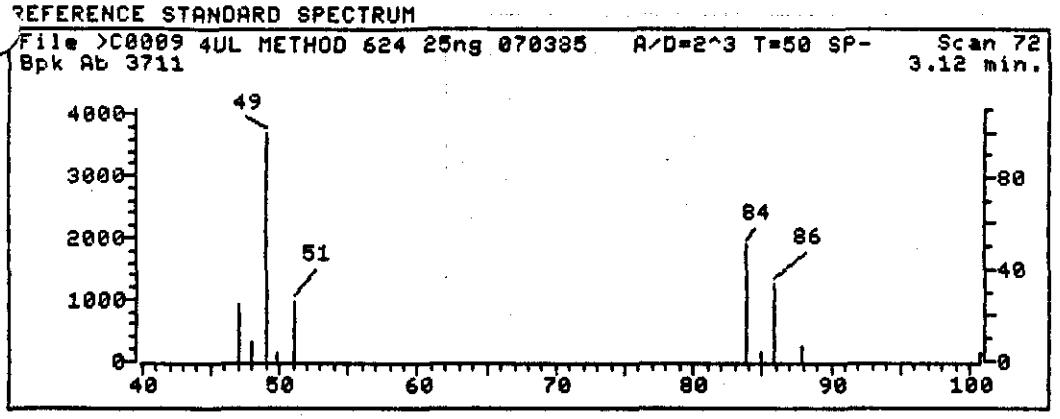
SAMPLE SPECTRUM



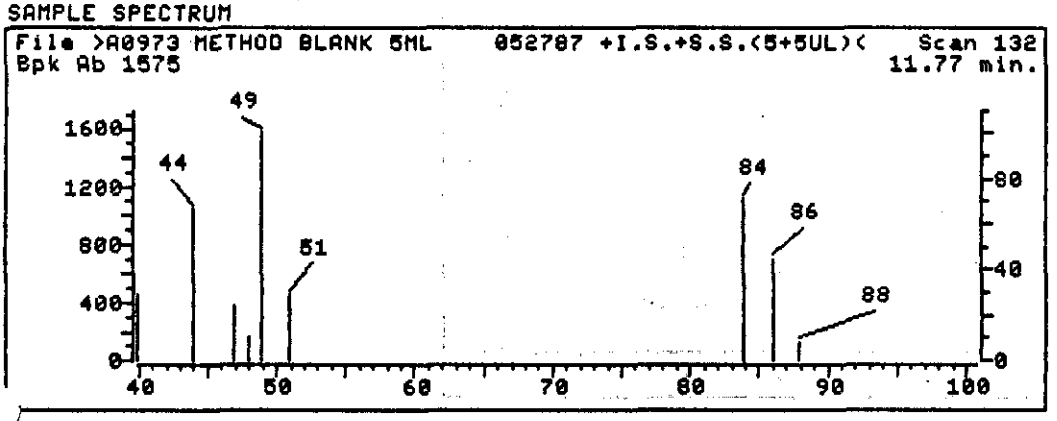
Data File: >A0973::D2 Quant Output File: ^A0973::M2
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 11:35 Quant ID File: IDVOL5::M1
Injected at: 870527 10:41 Last Calibration: 870527 10:37

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 187
Retention Time: 16.02 min.
Quant Ion: 49.0
Area: 86692
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



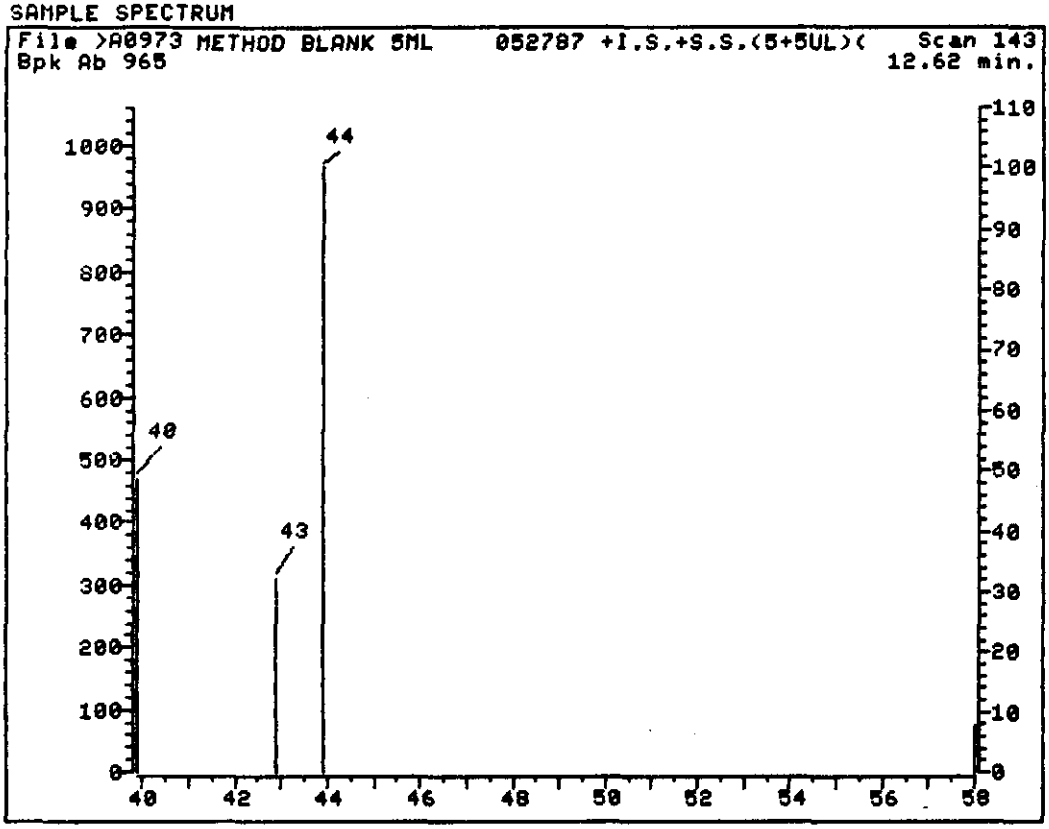
SAMPLE SPECTRUM



Data File: >A0973::D2 Quant Output File: ^A0973::M2
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 11:35 Quant ID File: IDVOL5::M1
Injected at: 870527 10:41 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: 33367
Concentration: 6.99 UG/L
q-value: 71

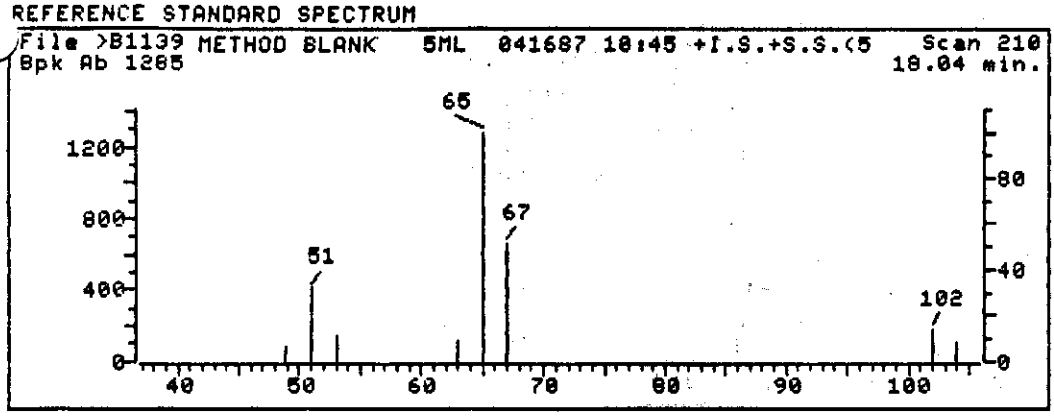
SAMPLE SPECTRUM



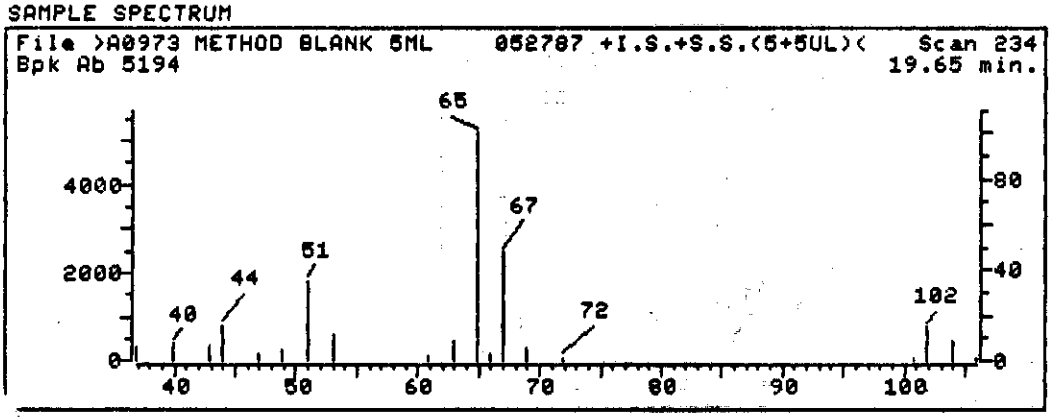
Data File: >A0973::D2 Quant Output File: ^A0973::M2
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 11:35 Quant ID File: IDVOL5::M1
Injected at: 870527 10:41 Last Calibration: 870527 10:37

Compound No: 10
Compound Name: Acetone
Scan Number: 143
Retention Time: 12.62 min.
Quant Ion: 43.0
Area: 8060
Concentration: 7.00 UG/L
q-value: 91

REFERENCE STANDARD SPECTRUM



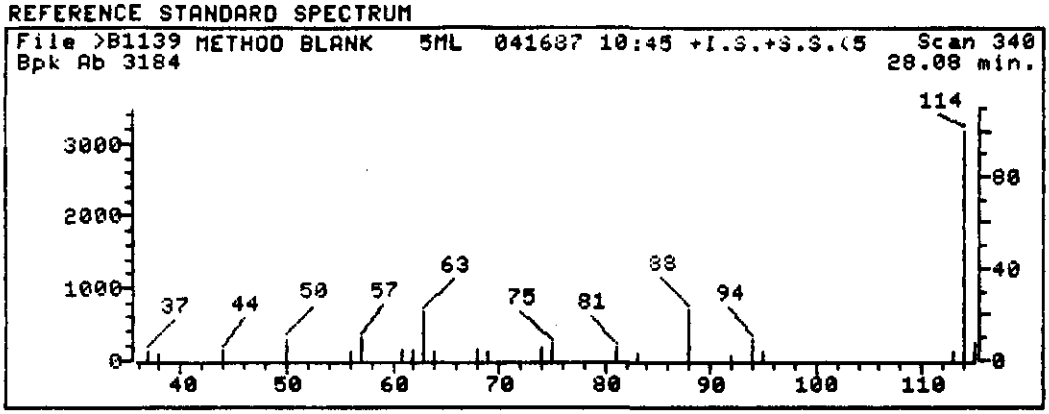
SAMPLE SPECTRUM



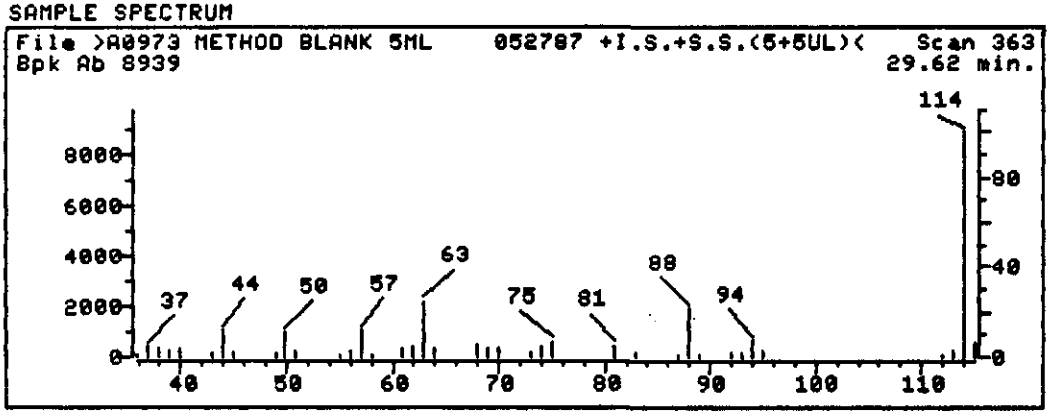
Data File: >A0973::D2 Quant Output File: ^A0973::M2
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 11:35 Quant ID File: IDVOL5::M1
Injected at: 870527 10:41 Last Calibration: 870527 10:37

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.65 min.
Quant Ion: 65.0
Area: 118866
Concentration: 49.12 UG/L
q-value: 99

REFERENCE STANDARD SPECTRUM



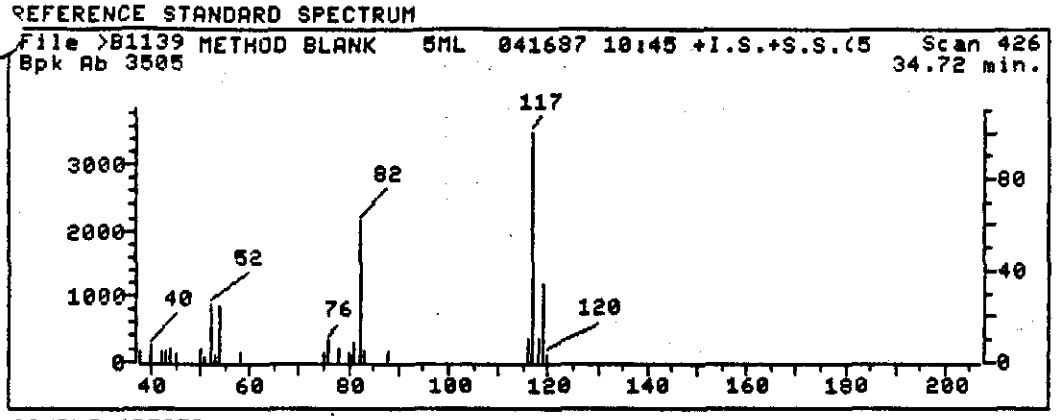
SAMPLE SPECTRUM



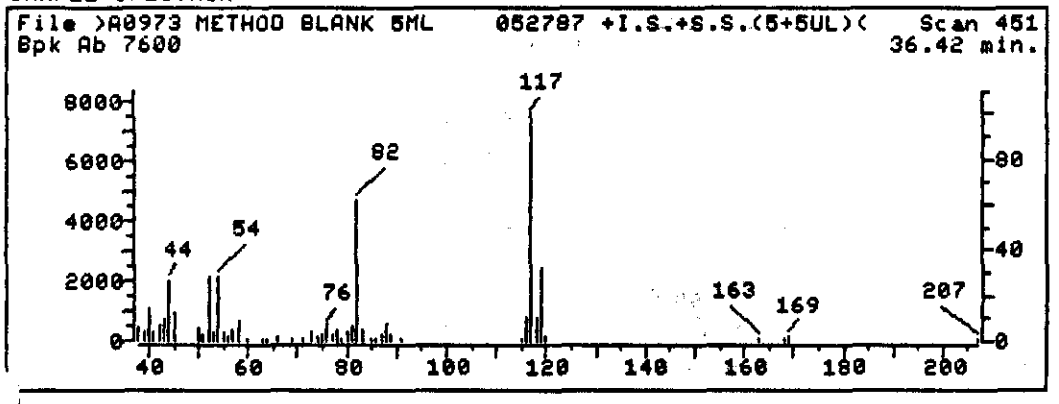
Data File: >A0973::D2 Quant Output File: ^A0973::M2
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 11:35 Quant ID File: IDVOL5::M1
Injected at: 870527 10:41 Last Calibration: 870527 10:37

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.62 min.
Quant Ion: 114.0
Area: 216802
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



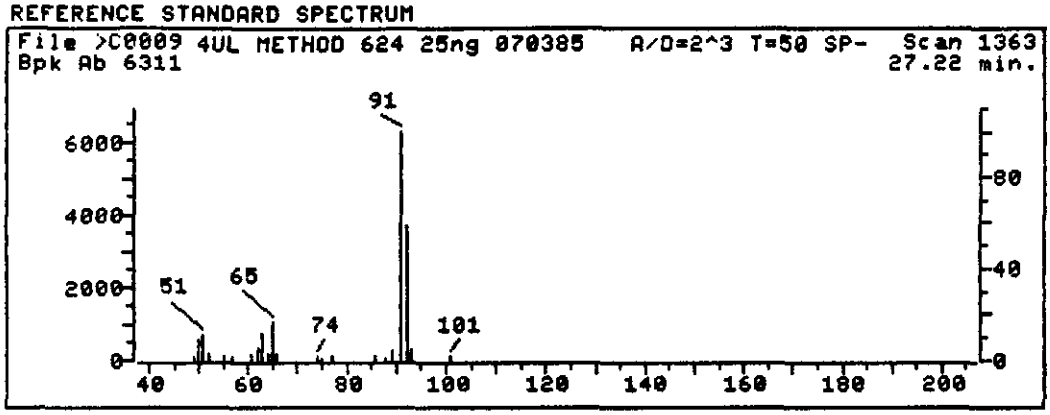
SAMPLE SPECTRUM



Data File: >A0973::D2 Quant Output File: ^A0973::M2
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 11:35 Quant ID File: IDVOL5::M1
Injected at: 870527 10:41 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: 251594
Concentration: 50.00 UG/L
q-value: 100.

REFERENCE STANDARD SPECTRUM



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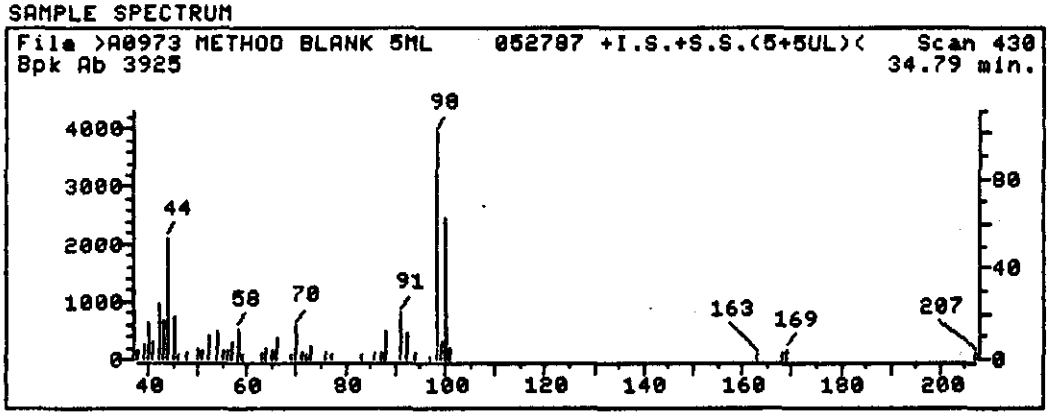
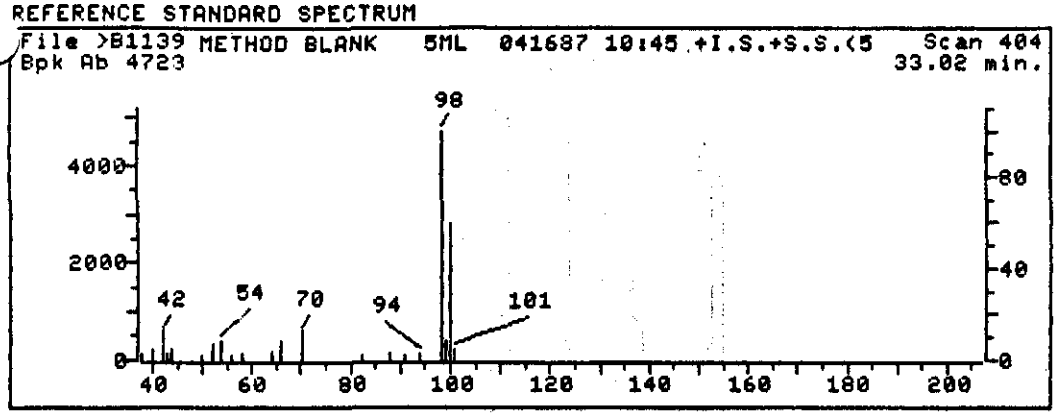


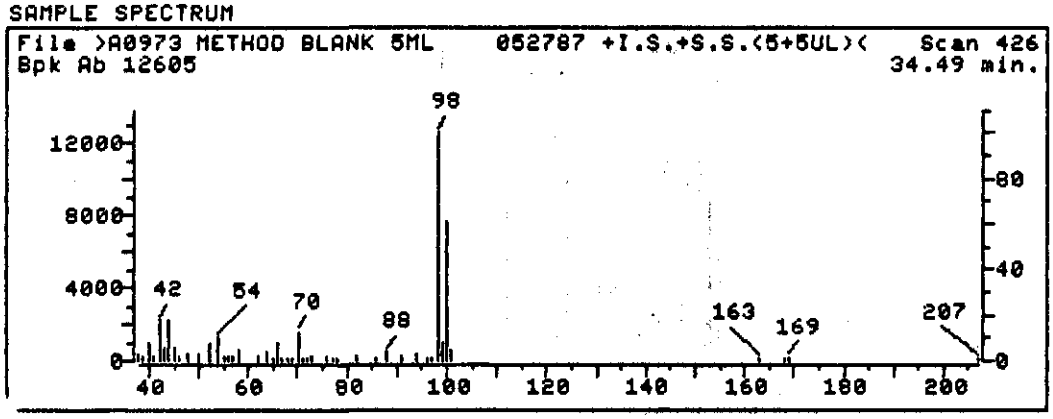
Data File: >A0973::D2 Quant Output File: ^A0973::M2
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 11:35 Quant ID File: IDVOL5::M1
Injected at: 870527 10:41 Last Calibration: 870527 10:37

Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.79 min.
Quant Ion: 91.0
Area: 22473
Concentration: 1.70 UG/L
q-value: 91

REFERENCE STANDARD SPECTRUM



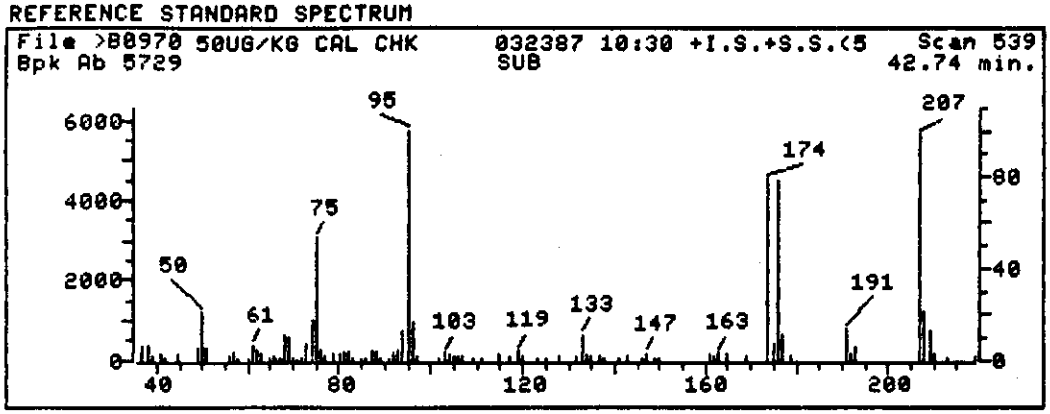
SAMPLE SPECTRUM



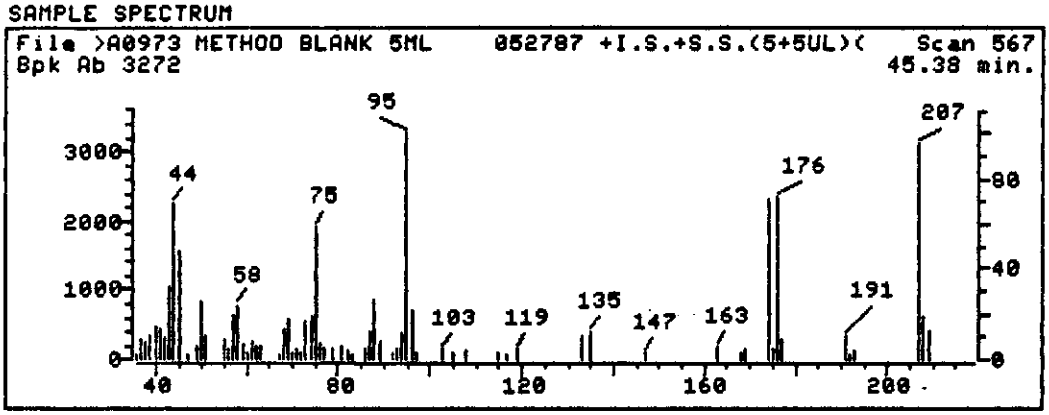
Data File: >A0973::D2 Quant Output File: ^A0973::M2
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 11:35 Quant ID File: IDVOL5::M1
Injected at: 870527 10:41 Last Calibration: 870527 10:37

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 426
Retention Time: 34.49 min.
Quant Ion: 98.0
Area: 326324
Concentration: 50.49 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM



Data File: >A0973::D2 Quant Output File: ^A0973::M2
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870527 11:35 Quant ID File: IDVOL5::M1
Injected at: 870527 10:41 Last Calibration: 870527 10:37

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 567
Retention Time: 45.38 min.
Quant Ion: 95.0
Area: 209821
Concentration: 49.95 UG/L
q-value: 100

METHOD BLANK SUMMARY

Case No. : N/A Region : V Contractor : Wastex Ind of NJ Contract No. : N/A

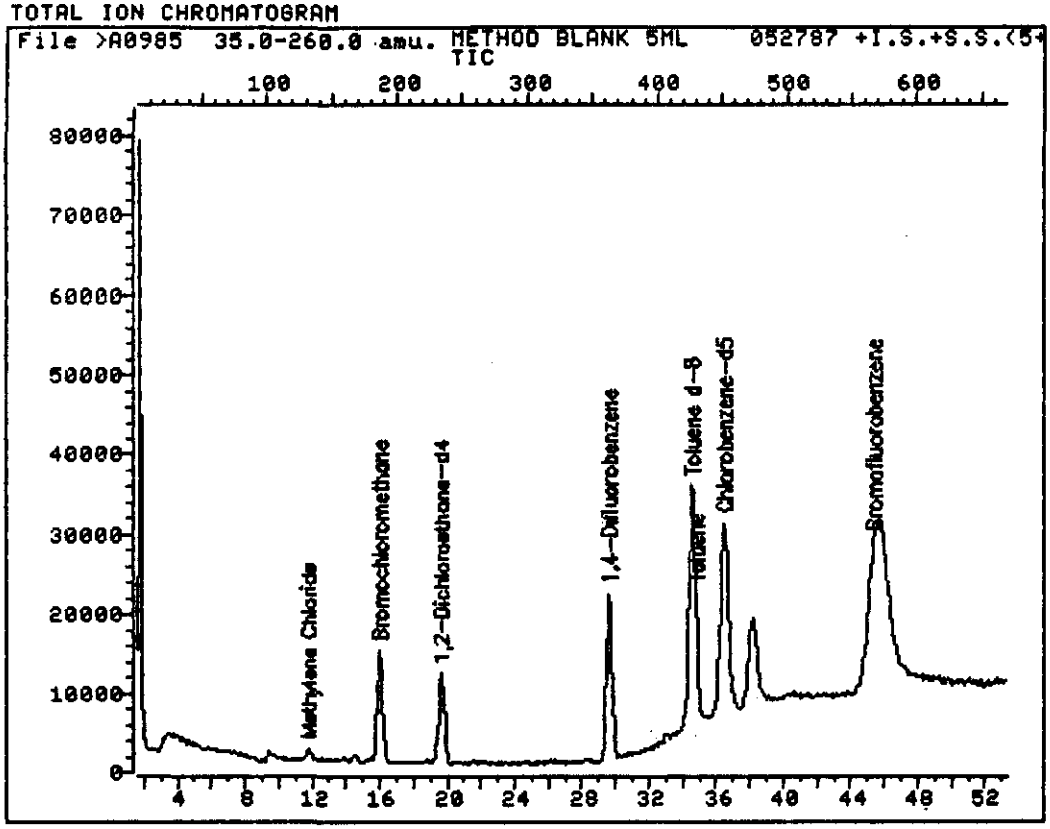
FILE ID	DATE OF ANALYSIS	FRACTION	MATRIX	CONC. LEVEL	INST. ID	C.A.S. NUMBER	COMPOUND (HSL,TIC,OR UNKNOWN)	CONC	UNITS	CRDL
A0985	05-27-87	VOA	WATER	LOW	5996,A	075-09-2	Methylene Chloride	3	ug/l	5
A0985	05-27-87	VOA	WATER	LOW	5996,A	108-88-3	Toluene	2	ug/l	5

Comments :

FORM IV

AR400336/85

TOTAL ION CHROMATOGRAM

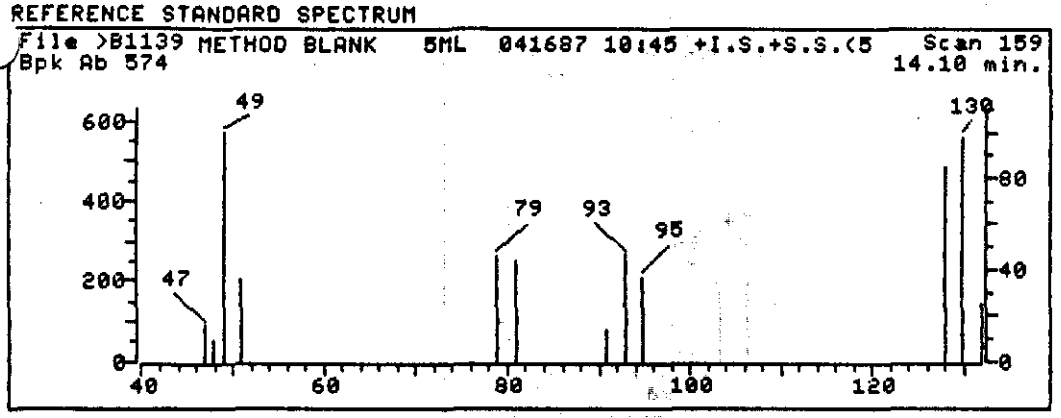


Data File: >A0985::D2 Quant Output File: ^A0985::D3
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

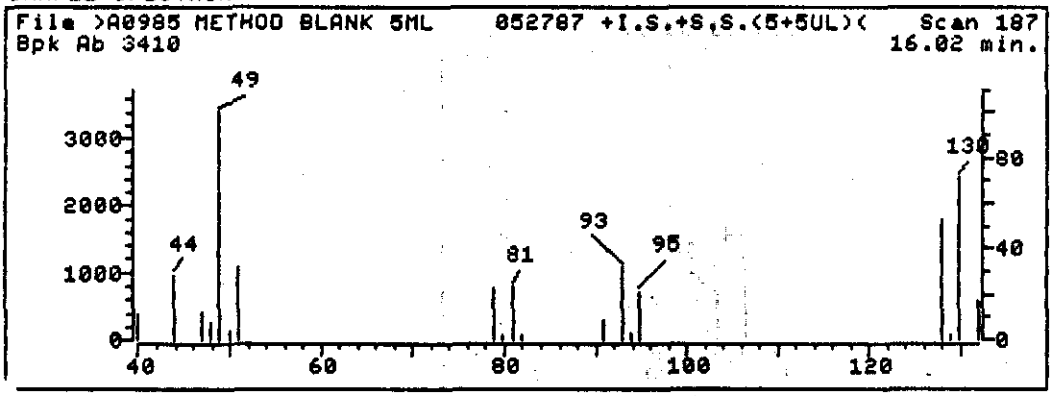
Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870601 11:36

Operator ID: USER8
Quant Time: 870601 11:38
Injected at: 870527 22:43

REFERENCE STANDARD SPECTRUM



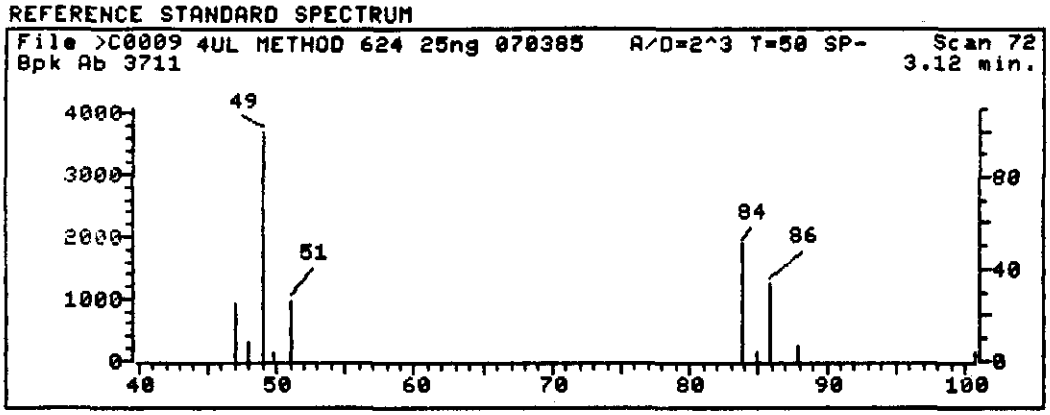
SAMPLE SPECTRUM



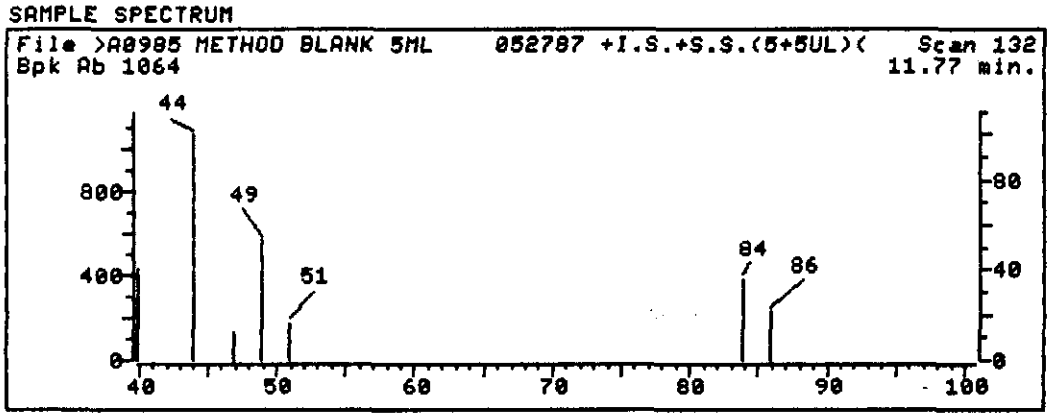
Data File: >A0985::D2 Quant Output File: ^A0985::D3
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:38 Quant ID File: IDVOL5::M1
Injected at: 870527 22:43 Last Calibration: 870601 11:36

Compound No: 1 (ISTD)
Compound Name: Bromochloromethane
Scan Number: 187
Retention Time: 16.02 min.
Quant Ion: 49.0
Area: 75983
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



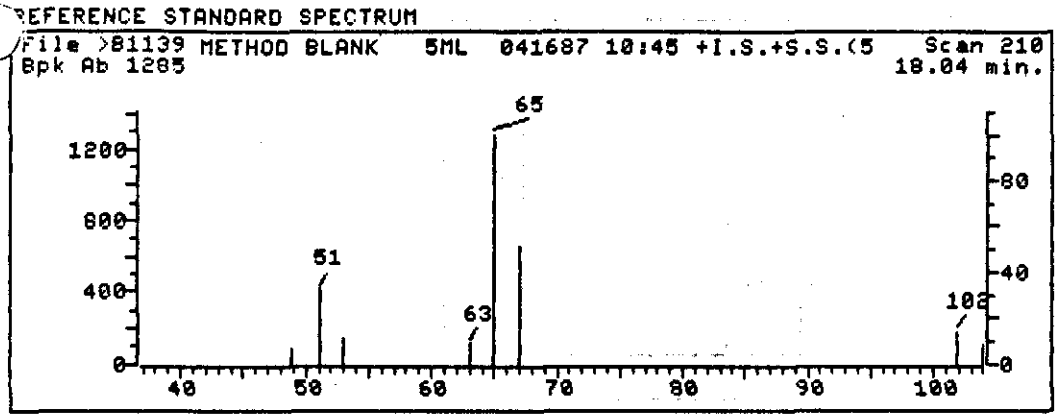
SAMPLE SPECTRUM



Data File: >A0985::D2 Quant Output File: ^A0985::D3
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:38 Quant ID File: IDVOL5::M1
Injected at: 870527 22:43 Last Calibration: 870601 11:36

Compound No: 9
Compound Name: Methylene Chloride
Scan Number: 132
Retention Time: 11.77 min.
Quant Ion: 49.0
Area: 11096
Concentration: 2.97 UG/L
q-value: 77.

REFERENCE STANDARD SPECTRUM



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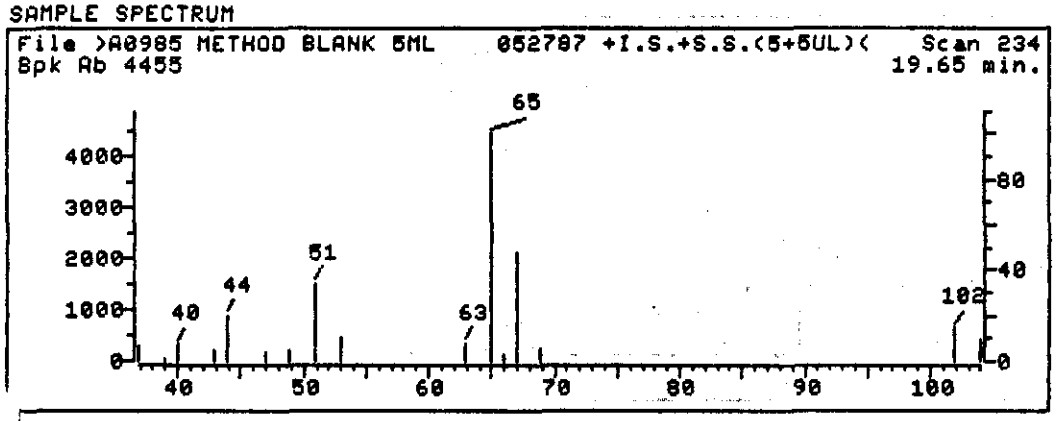
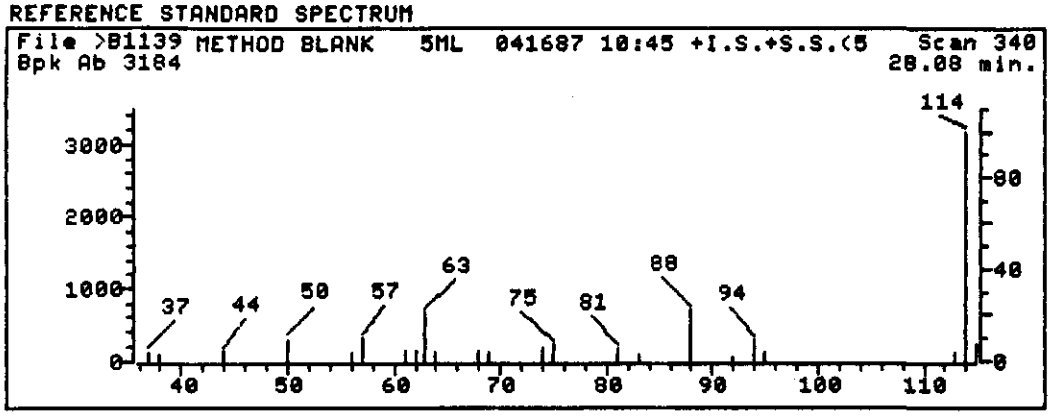


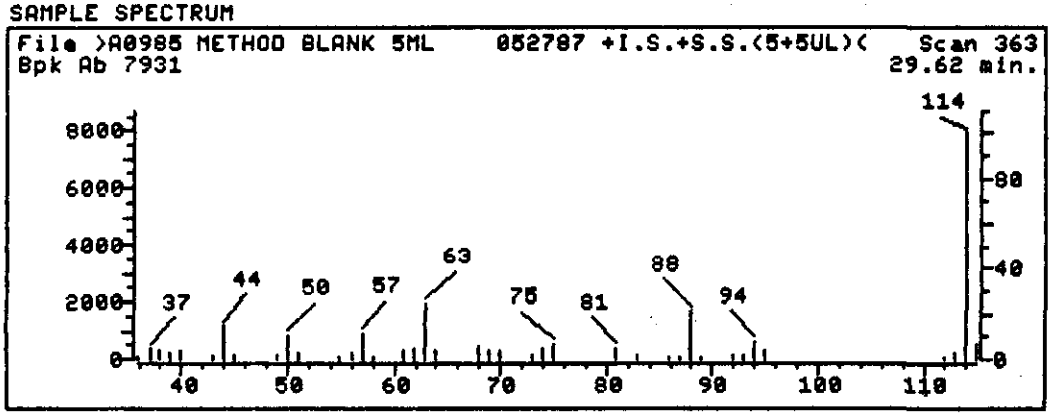
Data File: >A0985::D2 Quant Output File: ^A0985::D3
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:38 Quant ID File: IDVOL5::M1
Injected at: 870527 22:43 Last Calibration: 870601 11:36

Compound No: 19
Compound Name: 1,2-Dichloroethane-d4
Scan Number: 234
Retention Time: 19.65 min.
Quant Ion: 65.0
Area: 104524
Concentration: 47.77 UG/L
q-value: 99

REFERENCE STANDARD SPECTRUM



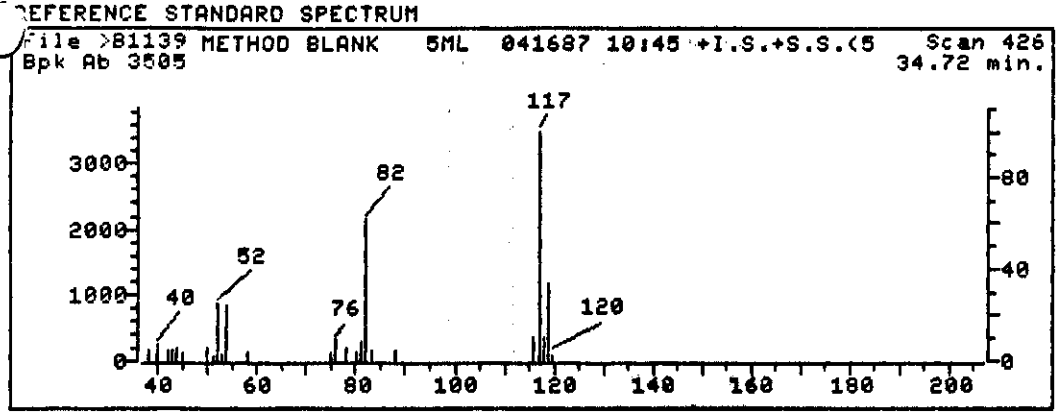
SAMPLE SPECTRUM



Data File: >A0985::D2 Quant Output File: ^A0985::D3
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:38 Quant ID File: IDVOL5::M1
Injected at: 870527 22:43 Last Calibration: 870601 11:36

Compound No: 20 (ISTD)
Compound Name: 1,4-Difluorobenzene
Scan Number: 363
Retention Time: 29.62 min.
Quant Ion: 114.0
Area: 190843
Concentration: 50.00 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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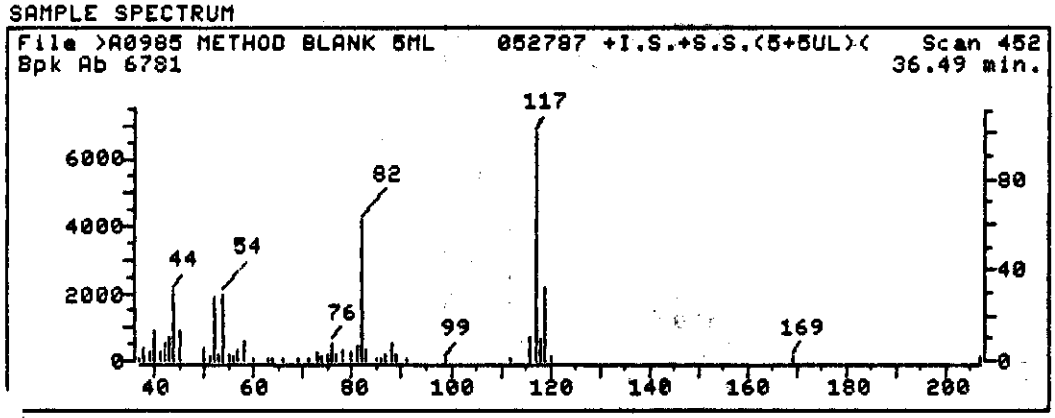
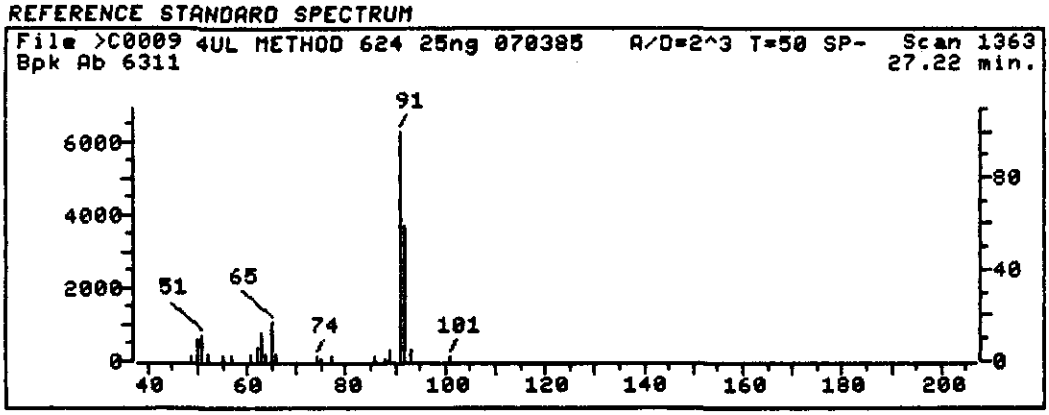


Data File: >A0985::D2 Quant Output File: ^A0985::D3
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:38 Quant ID File: IDVOL5::M1
Injected at: 870527 22:43 Last Calibration: 870601 11:36

Compound No: 35 (ISTD)
Compound Name: Chlorobenzene-d5
Scan Number: 452
Retention Time: 36.49 min.
Quant Ion: 117.0
Area: 226569
Concentration: 50.00 UG/L
q-value: 100.

REFERENCE STANDARD SPECTRUM



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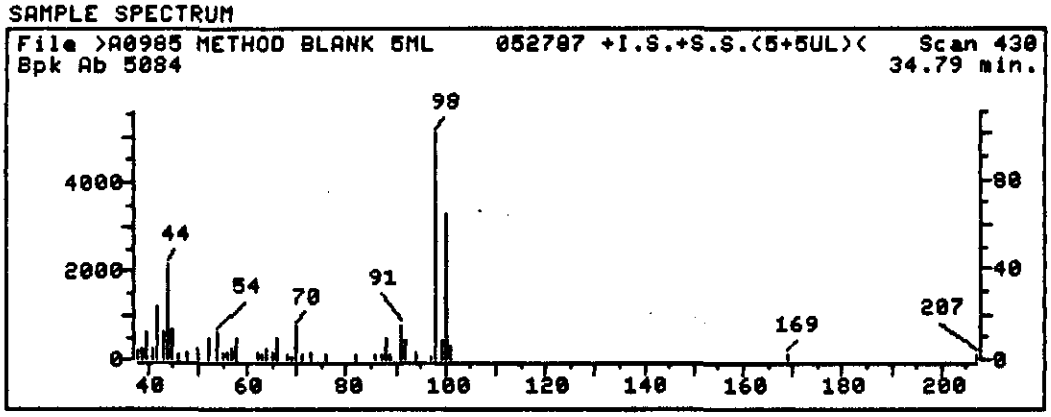
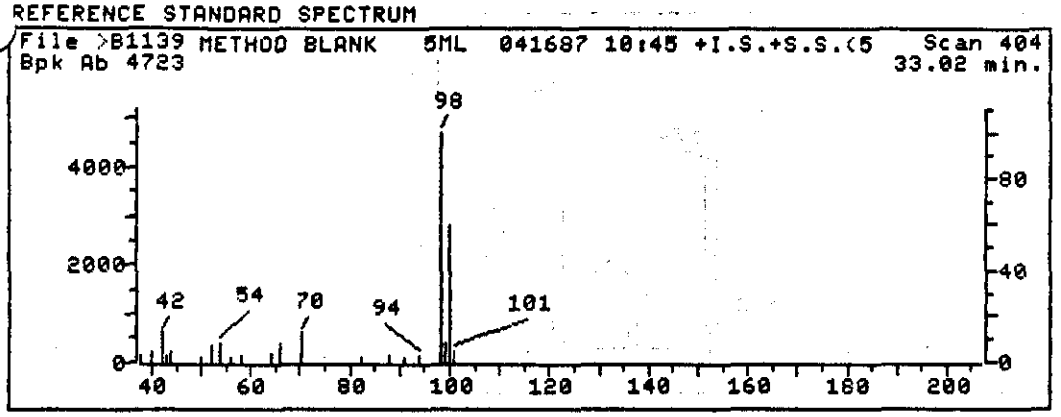


Data File: >A0985::D2 Quant Output File: ^A0985::D3
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:38 Quant ID File: IDVOL5::M1
Injected at: 870527 22:43 Last Calibration: 870601 11:36

Compound No: 39
Compound Name: Toluene
Scan Number: 430
Retention Time: 34.79 min.
Quant Ion: 91.0
Area: 22632
Concentration: 1.85 UG/L
q-value: 92

REFERENCE STANDARD SPECTRUM



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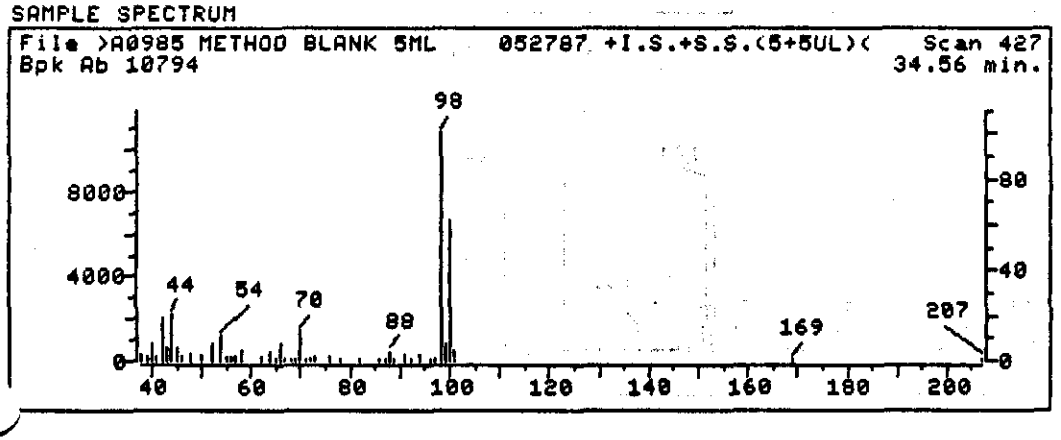
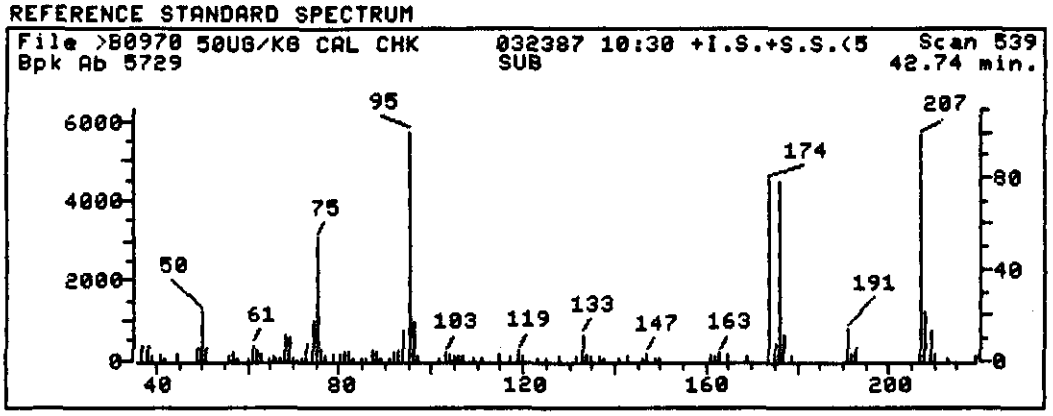


Data File: >A0985::D2 Quant Output File: ^A0985::D3
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:38 Quant ID File: IDVOL5::M1
Injected at: 870527 22:43 Last Calibration: 870601 11:36

Compound No: 40
Compound Name: Toluene d-8
Scan Number: 427
Retention Time: 34.56 min.
Quant Ion: 98.0
Area: 288369
Concentration: 48.99 UG/L
q-value: 100

REFERENCE STANDARD SPECTRUM



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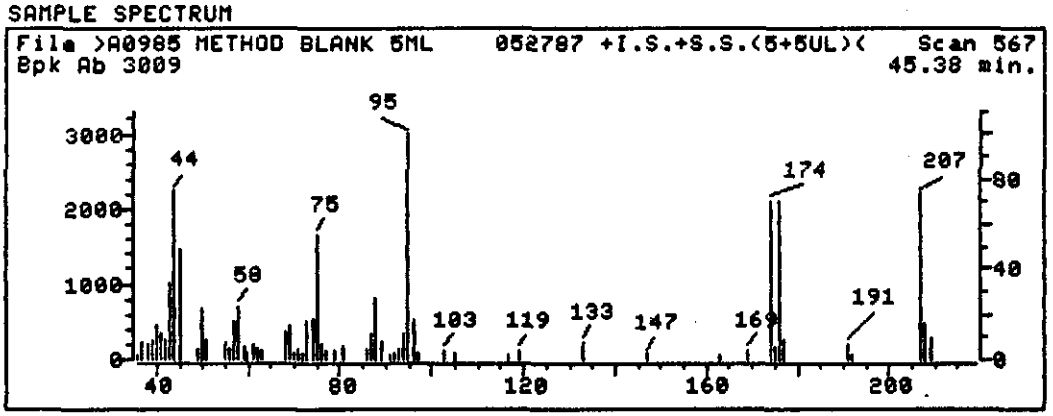


Data File: >A0985::D2 Quant Output File: ^A0985::D3
Name: METHOD BLANK 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)
Quant Time: 870601 11:38 Quant ID File: IDVOL5::M1
Injected at: 870527 22:43 Last Calibration: 870601 11:36

Compound No: 44
Compound Name: Bromofluorobenzene
Scan Number: 567
Retention Time: 45.38 min.
Quant Ion: 95.0
Area: 189301
Concentration: 50.08 UG/L
q-value: 100

WATER SURROGATE PERCENT RECOVERY SUMMARY

Case No. : N/A Contractor : Waste Ind of NJ Contract No. : N/A

SMO TRAFFIC NO.	VOLATILE Toluene d-8 (88-110)	Bromofluo-benzene (88-115)	1,2-Dichlo-roethane-d4 (78-114)	SEMIVOLATILE Nitro-benzene-d5 (35-114)	2-Fluoro-biphenyl (43-116)	Terpenyl-d-14 (33-141)	Phenol-d-5 (10-94)	2-Fluoro-phenol (21-100)	2,4,6-Tri-bromophenol (10-123)	PEST Dibutylchlorendate * (24-154)
B0647	104	104	93							
B0648	105	104	90							
B0649	105	102	91							
B0650	104	102	90							
B0651	107	102	89							
B0652	107	101	87							
B0653	110	99	76							
B0654	110	97	80							
B0655	97	102	97							
B0656	98	102	96							
B0657	98	102	95							
B0658	98	102	96							
B0659	103	93	94							
B0660	101	94	97							
B0661	101	93	101							
B0662	99	96	96							
B0663	102	99	98							
B0664	104	100	99							
B0665	103	99	100							
B0666	103	94	94							
B0667	102	96	100							
B0668	102	96	100							
B0669	94	99	108							
B0670	96	98	108							
B0671	96	94	104							
BLANK 1	100	104	95							
BLANK 2	98	99	97							
BLANK 3	99	99	96							
BLANK 4	101	100	98							

* VALUES ARE OUTSIDE OF CONTRACT REQUIRED QC LIMITS
** ADVISORY LIMITS ONLY

Volatiles: ____ out of ____ ; outside of QC limits
Semi-Volatiles: ____ out of ____ ; outside of QC limits
Pesticides: ____ out of ____ ; outside of QC limits

Comments: _____

AR400346

WATER SURROGATE PERCENT RECOVERY SUMMARY

Case No. : N/A Contractor : Wastex Ind of NJ Contract No. : N/A

	VOLATILE			SEMIVOLATILE						PEST
SMO TRAFFIC NO.	Toluene d-8 (88-110)	Bromofluo-benzene (88-115)	1,2-Dichloroethane-d4 (78-114)	Nitro-benzene-d5 (35-114)	2-Fluoro-biphenyl (43-116)	Terpenyl-d-14 (33-141)	Phenol-d-5 (10-94)	2-Fluoro-phenol (21-100)	2,4,6-Tri-bromophenol (10-123)	Dibutylchlorendate ** (24-154)
BLANK 5	95	99	104							
SPIKE 1	105	100	95							
DSPIKE 1	102	96	95							
SPIKE 2	106	97	100							
DSPIKE 2	101	100	99							
SPIKE 3	99	96	105							
DSPIKE 3	99	98	105							

* VALUES ARE OUTSIDE OF CONTRACT REQUIRED QC LIMITS
** ADVISORY LIMITS ONLY

Volatiles: ____ out of ____ ; outside of QC limits
Semi-Volatiles: ____ out of ____ ; outside of QC limits
Pesticides: ____ out of ____ ; outside of QC limits

Comments: _____

AR400347

WATER MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Case No. : N/A Contractor : Wastex Ind of NJ Contract No. : N/A

FRACTION	COMPOUND	CONC. SPIKE ADDED (ug/L)	SAMPLE RESULT	CONC. MS	% REC	CONC. MSD	% REC	RPD	QC LIMITS * RPD	QC LIMITS * RECOVERY
VOA	1,1-Dichloroethene	50	ND	59.2	118	59.7	119	1	14	61-145
SMO	Trichloroethene	50	ND	47.6	95	48.1	96	1	14	71-120
SAMPLE NO	Chlorobenzene	50	ND	47.3	95	48.6	97	3	13	75-130
	Toluene	50	ND	50.5	101	47.2	94	7	13	76-125
B0651	Benzene	50	ND	44.8	90	45.2	90	1	11	76-127
	1,2,4-Trichlorobenzene								28	39-98
B/N	Acenaphthene								31	46-118
SMO	2,4-Dinitrotoluene								38	24-96
SAMPLE NO	Pyrene								31	26-127
	N-Nitroso Di-n-Propylamine								38	41-116
	1,4-Dichlorobenzene								28	36-97
ACID	Pentachlorophenol								50	9-103
SMO	Phenol								42	12-89
SAMPLE NO	2-Chlorophenol								40	27-123
	4-Chloro-3-Methylphenol								42	23-97
	4-Nitrophenol								50	10-80
	Lindane								15	56-123
PEST	Heptachlor								20	40-131
SMO	Aldrin								22	40-120
SAMPLE NO	Dieldrin								18	52-126
	Endrin								21	56-121
	4,4'-DDT								27	38-127

* - ASTERISKED VALUES ARE OUTSIDE QC LIMITS

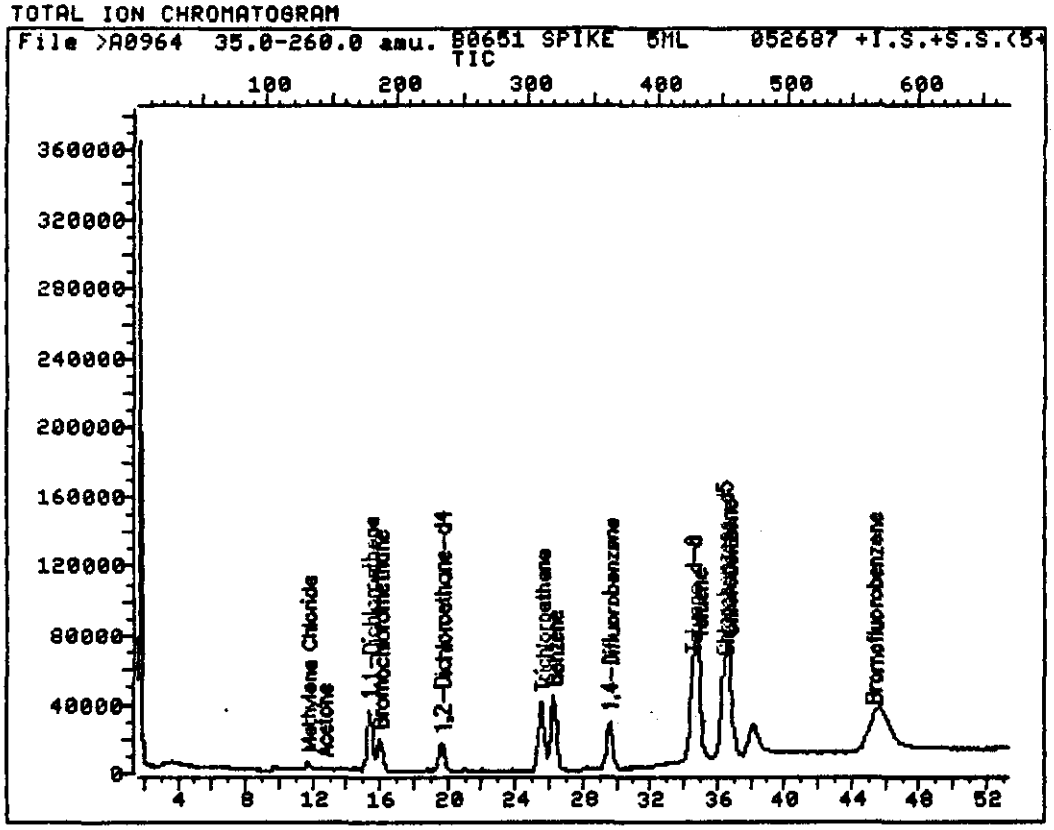
RPD: VOAs 0 out of 5 ; outside QC limits
B/N ____ out of ____ ; outside QC limits
ACID ____ out of ____ ; outside QC limits
PEST ____ out of ____ ; outside QC limits

RECOVERY: VOAs 0 out of 10 ; outside QC limits
B/N ____ out of ____ ; outside QC limits
ACID ____ out of ____ ; outside QC limits
PEST ____ out of ____ ; outside QC limits

Comments:

AR400348

TOTAL ION CHROMATOGRAM

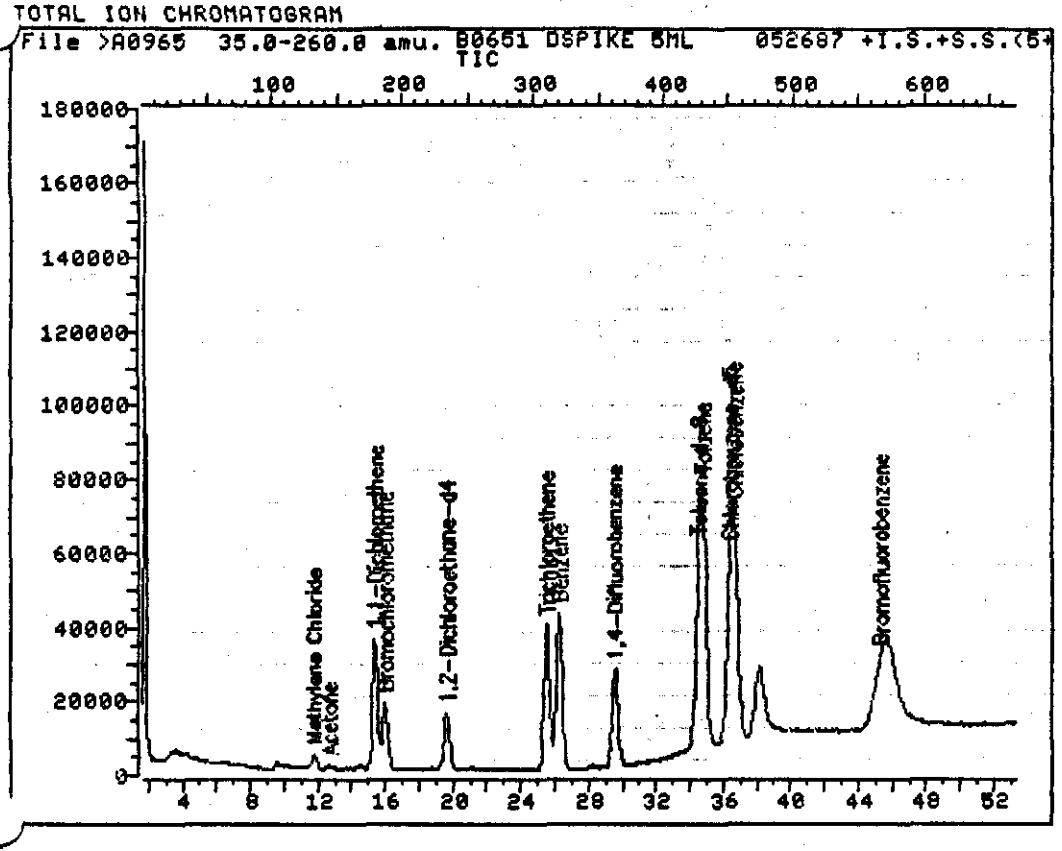


Data File: >A0964::D2 Quant Output File: ^A0964::M2
Name: B0651 SPIKE 5ML
Misc: 052687 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

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

Operator ID: DT9093
Quant Time: 870526 20:04
Injected at: 870526 19:10

TOTAL ION CHROMATOGRAM



Data File: >A0965::D2 Quant Output File: ^A0965::M2
Name: B0651 DSPIKE 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 21:04
Injected at: 870526 20:10

WATER MATRIX SPIKE MATRIX SPIKE DUPLICATE RECOVERY

Case No. : N/A Contractor : Wastex Ind of NJ Contract No. : N/A

FRACTION	COMPOUND	CONC. SPIKE ADDED (ug/L)	SAMPLE RESULT	CONC. MS	% REC	CONC. MSD	% REC	RPD	QC LIMITS * RPD	QC LIMITS * RECOVERY
VOA	1,1-Dichloroethene	50	ND	65.0	130	58.7	117	10	14	61-145
SMO	Trichloroethene	50	ND	49.9	100	49.4	99	1	14	71-120
SAMPLE NO	Chlorobenzene	50	ND	53.8	108	53.3	107	1	13	75-130
	Toluene	50	ND	52.5	105	50.7	101	3	13	76-125
B0668	Benzene	50	ND	53.0	106	52.9	106	1	11	76-127
	1,2,4-Trichlorobenzene								28	39-98
B/N	Acenaphthene								31	46-118
SMO	2,4-Dinitrotoluene								38	24-96
SAMPLE NO	Pyrene								31	26-127
	N-Nitroso Di-n-Propylamine								38	41-116
	1,4-Dichlorobenzene								28	36-97
ACID	Pentachlorophenol								50	9-103
SMO	Phenol								42	12-89
SAMPLE NO	2-Chlorophenol								40	27-123
	4-Chloro-3-Methylphenol								42	23-97
	4-Nitrophenol								50	10-80
	Lindane								15	56-123
PEST	Heptachlor								20	40-131
SMO	Aldrin								22	40-120
SAMPLE NO	Dieldrin								18	52-126
	Endrin								21	56-121
	4,4'-DDT								27	38-127

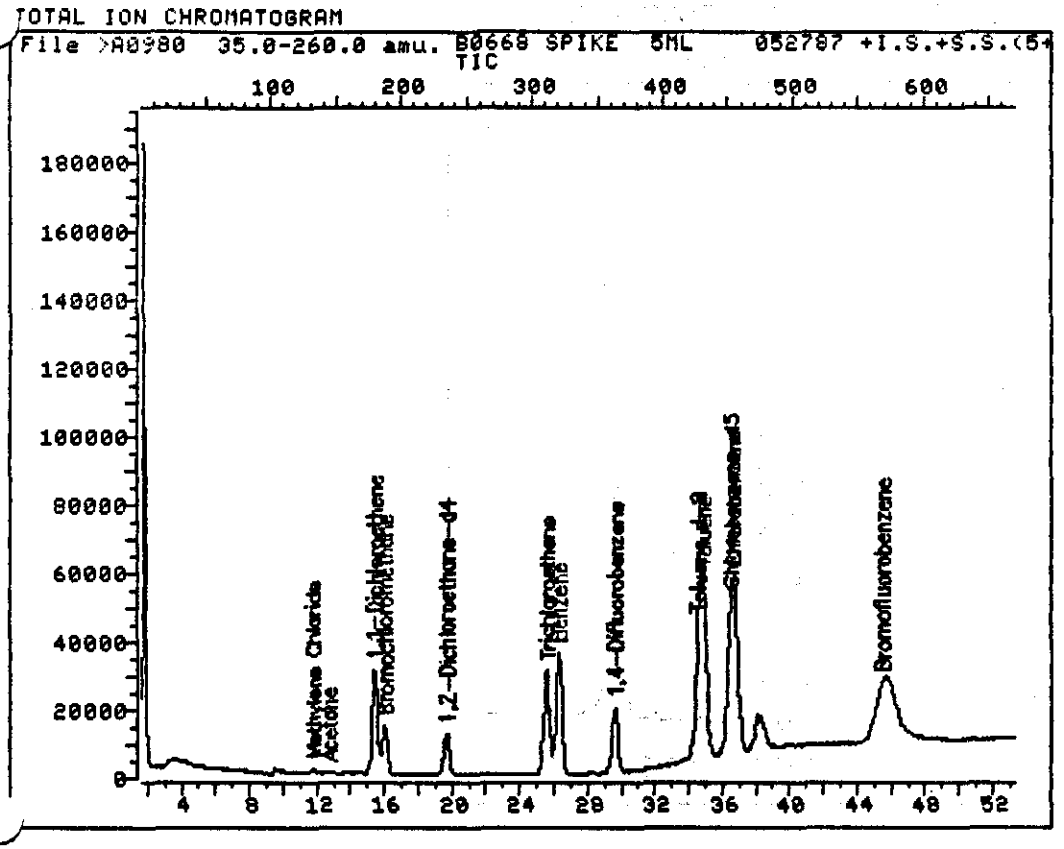
* - ASTERISKED VALUES ARE OUTSIDE QC LIMITS

RPD: VOAs 0 out of 5 ; outside QC limits
B/N ____ out of ____ ; outside QC limits
ACID ____ out of ____ ; outside QC limits
PEST ____ out of ____ ; outside QC limits

RECOVERY: VOAs 0 out of 10 ; outside QC limits
B/N ____ out of ____ ; outside QC limits
ACID ____ out of ____ ; outside QC limits
PEST ____ out of ____ ; outside QC limits

Comments:

TOTAL ION CHROMATOGRAM

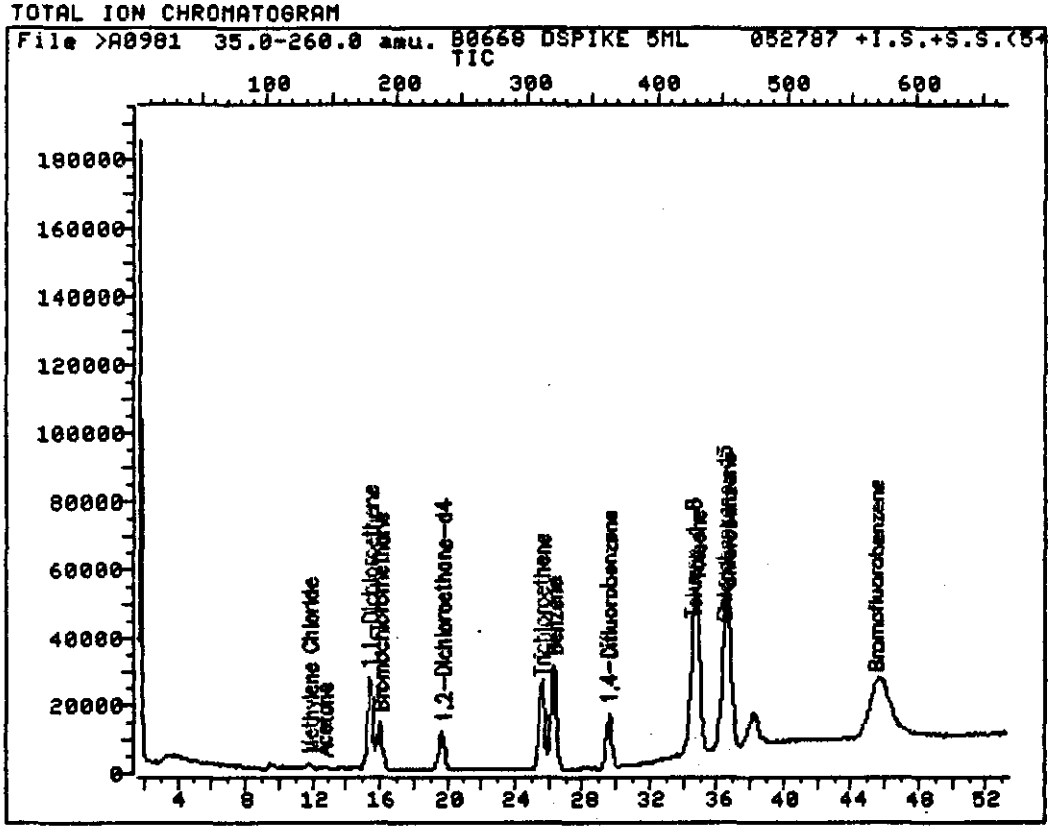


Data File: >A0980::D2 Quant Output File: ^A0980::M2
Name: B0668 SPIKE 5ML
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

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

Operator ID: DT9093
Quant Time: 870527 18:33
Injected at: 870527 17:39

TOTAL ION CHROMATOGRAM



Data File: >A0981::D2 Quant Output File: ^A0981::M2
Name: B0668 DSPIKE 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 19:32
Injected at: 870527 18:38

WATER MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Case No. : N/A Contractor : Wastex Ind of NJ Contract No. : N/A

FRACTION	COMPOUND	CONC. SPIKE ADDED (ug/L)	SAMPLE RESULT	CONC. MS	% REC	CONC. MSD	% REC	RPD	QC LIMITS * RPD	QC LIMITS * RECOVERY
VOA	1,1-Dichloroethene	50	ND	54.3	109	55.4	111	2	14	61-145
SMO	Trichloroethene	50	ND	48.1	96	47.6	95	1	14	71-120
SAMPLE NO	Chlorobenzene	50	ND	50.4	101	49.9	100	1	13	75-130
	Toluene	50	ND	50.2	100	50.7	101	1	13	76-125
B0671	Benzene	50	ND	49.4	99	49.2	98	1	11	76-127
	1,2,4-Trichlorobenzene								28	39-98
B/N	Acenaphthene								31	46-118
SMO	2,4-Dinitrotoluene								38	24-96
SAMPLE NO	Pyrene								31	26-127
	N-Nitroso Di-n-Propylamine								38	41-116
	1,4-Dichlorobenzene								28	36-97
ACID	Pentachlorophenol								50	9-103
SMO	Phenol								42	12-89
SAMPLE NO	2-Chlorophenol								40	27-123
	4-Chloro-3-Methylphenol								42	23-97
	4-Nitrophenol								50	10-80
	Lindane								15	56-123
PEST	Heptachlor								20	40-131
SMO	Aldrin								22	40-120
SAMPLE NO	Dieldrin								18	52-126
	Endrin								21	56-121
	4,4'-DDT								27	38-127

* - ASTERISKED VALUES ARE OUTSIDE QC LIMITS

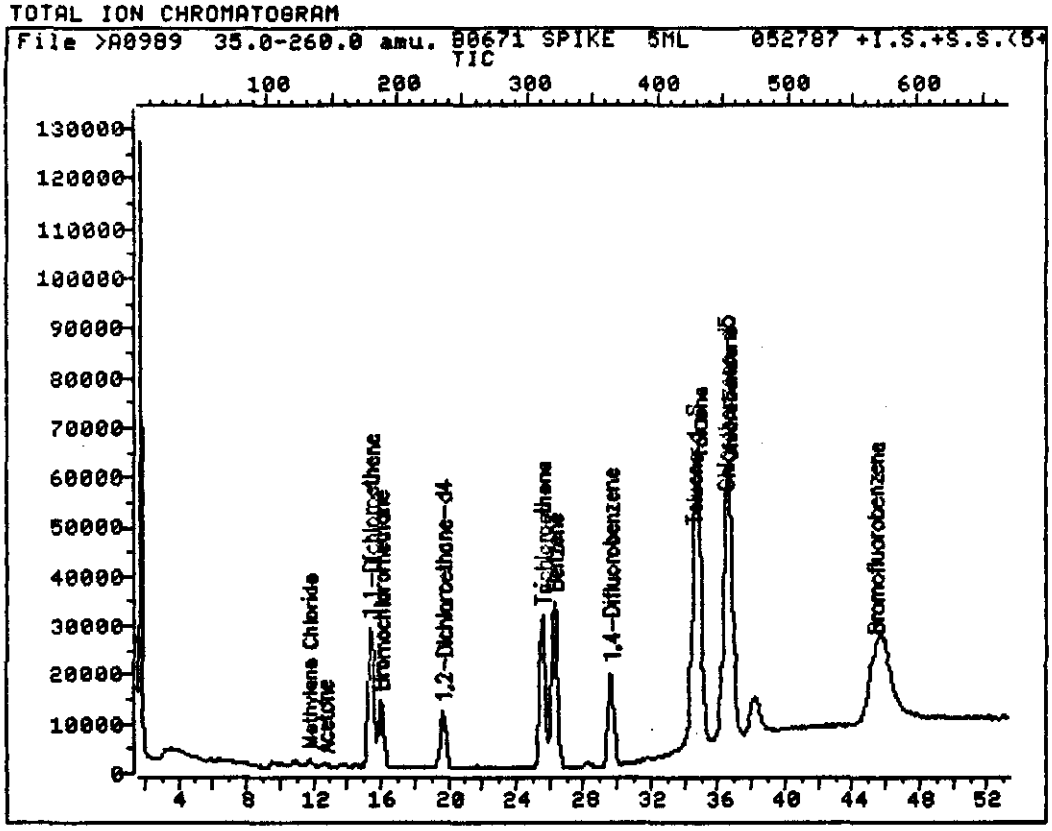
RPD: VOAs 0 out of 5 ; outside QC limits
B/N ____ out of ____ ; outside QC limits
ACID ____ out of ____ ; outside QC limits
PEST ____ out of ____ ; outside QC limits

RECOVERY: VOAs 0 out of 10 ; outside QC limits
B/N ____ out of ____ ; outside QC limits
ACID ____ out of ____ ; outside QC limits
PEST ____ out of ____ ; outside QC limits

Comments:

AR400354

TOTAL ION CHROMATOGRAM



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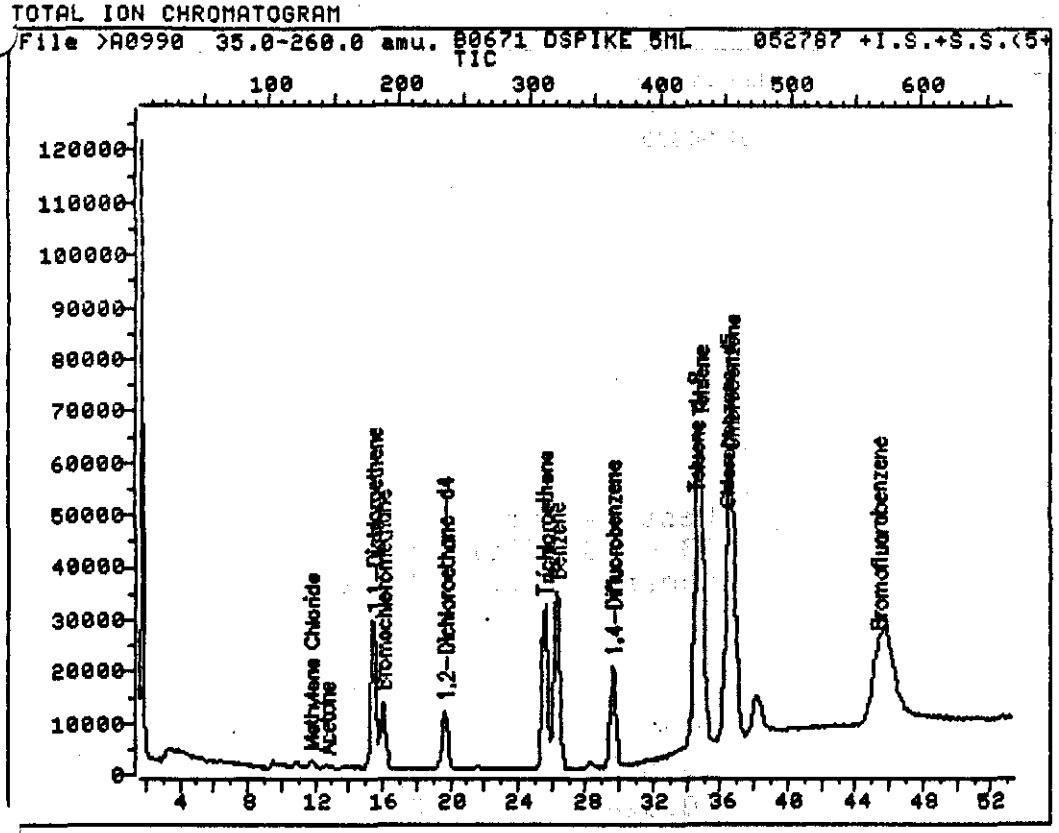
Misc: 052787 +I.S.+S.S.(5+5UL)(E=1700,A/D=2^5,T=40,SP-1000)

Id File: IDVOL5::M1
Title: PURGEABLE HSL COMPOUNDS (5ML SX)
Last Calibration: 870601 11:36

Operator ID: USER8
Quant Time: 870601 11:44
Injected at: 870528 02:42

AR400355

TOTAL ION CHROMATOGRAM



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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: 870601 11:36

Operator ID: USER8
Quant Time: 870601 11:46
Injected at: 870528 03:42