

00562



**SEAD
GROUND
WATER
MONITORING
1989**



6601 Kirkville Road
 E. Syracuse, NY 13057
 Tel: (315) 432-0506
 1-800-950-0506

LABORATORY ANALYSIS REPORT

Client: SENECA ARMY DEPOT
 Task Number: 89092616
 Location: SEAD

Job Number: L9052

Date Sampled: 22-SEP-1989

PO Number: DAAC-7189M-0032

TOTAL ORGANIC HALOGENS - WATER

Sample ID	Lab ID	UG/L
W1	H23740	10.9
W2	H23741	11.3
W3	H23742	6.20
W4	H23743	7.80
W5	H23744	6.00
W6	H23745	5.10
W7	H23746	9.70
PT10	H23747	33.8
PT11	H23748	36.6
PT12	H23749	613
PT15	H23750	25.0
PT16	H23751	15.7
PT17	H23752	153

- (<) - Less Than
- (>) - Greater Than
- NA - Not Applicable
- ND - Not detectable
- NS - Not specified
- MG - Milligrams
- L - Liters
- M³ - Cubic Meter
- MG/M³ - Milligrams Per Cubic Meter
- PPM - Parts Per Million
- UG - Micrograms
- NG - Nanograms

Method(s): EPA 600/4-79-020

Footnotes:

Submitted by: SSM
 Approved by: *[Signature]*
 Date: 12-OCT-1989

SUMMARY OF ACTION

SUBJECT: FARMHOUSE WELL WATER TEST RESULTS
 FROM: DEH
 STAFF ACTIVITY: ENVIRON.
 ACTION OFFICER: R. BATTALIA
 PHONE NUMBER: 41450
 SPONSORING DIRECTOR: DEH - S. Abislow

SUSPENSEE:
 DATE: 15 FEB 89

COORDINATION:

DIR/STAFF OFF	CONCUR/NONCONCUR	SEE ATCH	DIR/STAFF OFF	CONCUR/NONCONCUR	SEE ATCH

ACTION OFFICER REVIEW:	
DEA: X	APP concurs
DEM:	
DDR: X	

BACKGROUND: FARMHOUSE WELL WATER LABS. TEST RESULTS AT SWITH VINEYARD ROAD

2. DISCUSSION: NO DETECTED CONTAMINANTS

3. RESOURCE IMPACT:

4. RECOMMENDATION:

5. ACTION REQUIRED:

SIGNATURE ON ATTACHED LETTER ~~ST-EN~~ ^{CEH signed previous letter to CDR Abislow}
~~SUB FOR PER OFFICER SIGNATURE~~

Return to DEH
 formulating
 (date for pick up)

NATIONAL ENVIRONMENTAL TESTING NORTHEAST, INC.

To: SENECA ARMY DEPOT
 BUILDING 323 MAT MGT BR
 ROMULUS, NY 14541

Date: Feb 07 1989

Attention: COMMANDER

SAMPLE #827

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 01/26/89
 JOB # : 179.005.00 DATE COLLECTED : 01/26/89
 LOCATION : DEEP WELL (SOUTH) WATER FILTER TIME COLLECTED : 1100
 METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<1.0	ug/l
BROMOMETHANE	<1.0	ug/l
VINYL CHLORIDE	<1.0	ug/l
CHLOROETHANE	<1.0	ug/l
METHYLENE CHLORIDE	<1.0	ug/l
CHLOROBENZENE	<1.0	ug/l
1,1-DICHLOROETHYLENE	<1.0	ug/l
1,1-DICHLOROETHANE	<1.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<1.0	ug/l
ETHYLBENZENE	<1.0	ug/l
CHLOROFORM	<1.0	ug/l
1,2-DICHLOROETHANE	<1.0	ug/l
1,1,1-TRICHLOROETHANE	<1.0	ug/l
CARBON TETRACHLORIDE	<1.0	ug/l

NATIONAL ENVIRONMENTAL TESTING NORTHEAST, INC.

SAMPLE #827

PAGE 2 OF 2

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
BROMODICHLOROMETHANE	<1.0	ug/l
1,2-DICHLOROPROPANE	<1.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<1.0	ug/l
TRICHLOROETHYLENE	<1.0	ug/l
DIBROMOCHLOROMETHANE	<1.0	ug/l
CIS-1,3-DICHLOROPROPENE	<1.0	ug/l
1,1,2-TRICHLOROETHANE	<1.0	ug/l
BENZENE	<1.0	ug/l
2-CHLOROETHYL VINYL ETHER	<1.0	ug/l
BROMOFORM	<1.0	ug/l
TETRACHLOROETHYLENE	<1.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<1.0	ug/l
TOLUENE	<1.0	ug/l
1,2 DICHLOROBENZENE	<1.0	ug/l
1,3 DICHLOROBENZENE	<1.0	ug/l
1,4 DICHLOROBENZENE	<1.0	ug/l
TRICHLOROFLUOROMETHANE	<1.0	ug/l

NET warrants that any sampling and analyses conducted as part of this report are performed in accordance with the analytical industries recognized methodologies and professional standards. NET will not assume liability for any damages resulting from deficient work other than reperformance or cost of said work and will not accept any liability as a result of data interpretation by the client.

NATIONAL ENVIRONMENTAL TESTING NORTHEAST, INC.

To: SENECA ARMY DEPOT
 BUILDING 323 MAT MGT BR
 ROMULUS, NY 14541

Date: Feb 07 1989

Attention: COMMANDER

SAMPLE #828

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 01/26/89
 JOB # : 179.005.00 DATE COLLECTED : 01/26/89
 LOCATION : SHALLOW WELL (NORTH) GARDEN HOSE TIME COLLECTED : 1110
 METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<1.0	ug/l
BROMOMETHANE	<1.0	ug/l
VINYL CHLORIDE	<1.0	ug/l
CHLOROETHANE	<1.0	ug/l
METHYLENE CHLORIDE	<1.0	ug/l
CHLOROBENZENE	<1.0	ug/l
1,1-DICHLOROETHYLENE	<1.0	ug/l
1,1-DICHLOROETHANE	<1.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<1.0	ug/l
ETHYLBENZENE	<1.0	ug/l
CHLOROFORM	<1.0	ug/l
1,2-DICHLOROETHANE	<1.0	ug/l
1,1,1-TRICHLOROETHANE	<1.0	ug/l
CARBON TETRACHLORIDE	<1.0	ug/l

NATIONAL ENVIRONMENTAL TESTING NORTHEAST, INC.

SAMPLE #828

PAGE 2 OF 2

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
BROMODICHLOROMETHANE	<1.0	ug/l
1,2-DICHLOROPROPANE	<1.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<1.0	ug/l
TRICHLOROETHYLENE	<1.0	ug/l
DIBROMOCHLOROMETHANE	<1.0	ug/l
CIS-1,3-DICHLOROPROPENE	<1.0	ug/l
1,1,2-TRICHLOROETHANE	<1.0	ug/l
BENZENE	<1.0	ug/l
2-CHLOROETHYLVINYL ETHER	<1.0	ug/l
BROMOFORM	<1.0	ug/l
TETRACHLOROETHYLENE	<1.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<1.0	ug/l
TOLUENE	<1.0	ug/l
1,2 DICHLOROBENZENE	<1.0	ug/l
1,3 DICHLOROBENZENE	<1.0	ug/l
1,4 DICHLOROBENZENE	<1.0	ug/l
TRICHLOROFLUOROMETHANE	<1.0	ug/l

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NATIONAL ENVIRONMENTAL TESTING NORTHEAST, INC.

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: Feb 07 1989

Attention: COMMANDER

SAMPLE #1138

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT

DATE RECEIVED : 02/02/89

JOB # : 179.005.00

DATE COLLECTED : 01/26/89

LOCATION : BARN WELL OUTSIDE

TIME COLLECTED : 1130

METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<1.0	ug/l
BROMOMETHANE	<1.0	ug/l
VINYL CHLORIDE	<1.0	ug/l
CHLOROETHANE	<1.0	ug/l
METHYLENE CHLORIDE	<1.0	ug/l
CHLOROBENZENE	<1.0	ug/l
1,1-DICHLOROETHYLENE	<1.0	ug/l
1,1-DICHLOROETHANE	<1.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<1.0	ug/l
ETHYLBENZENE	<1.0	ug/l
CHLOROFORM	<1.0	ug/l
1,2-DICHLOROETHANE	<1.0	ug/l
1,1,1-TRICHLOROETHANE	<1.0	ug/l
CARBON TETRACHLORIDE	<1.0	ug/l

NATIONAL ENVIRONMENTAL TESTING NORTHEAST, INC.

SAMPLE #1138

PAGE 2 OF 2

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
BROMODICHLOROMETHANE	<1.0	ug/l
1,2-DICHLOROPROPANE	<1.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<1.0	ug/l
TRICHLOROETHYLENE	<1.0	ug/l
DIBROMOCHLOROMETHANE	<1.0	ug/l
CIS-1,3-DICHLOROPROPENE	<1.0	ug/l
1,1,2-TRICHLOROETHANE	<1.0	ug/l
BENZENE	<1.0	ug/l
2-CHLOROETHYL VINYL ETHER	<1.0	ug/l
BROMOFORM	<1.0	ug/l
TETRACHLOROETHYLENE	<1.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<1.0	ug/l
TOLUENE	<1.0	ug/l
1,2 DICHLOROBENZENE	<1.0	ug/l
1,3 DICHLOROBENZENE	<1.0	ug/l
1,4 DICHLOROBENZENE	<1.0	ug/l
TRICHLOROFLUOROMETHANE	<1.0	ug/l

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QUANT REPORT

File: DAVE
 Quant Rev: 6 Quant Time: 890403 15:58
 File: ^BA879::QT Injected at: 890403 14:11
 File: >BA879::D1 Dilution Factor: 1.00000
 BENEDA ARMY DEPOT
 HT119, FIELD BLANK, WATER, 5

File: B624N::SC
 CLP protocol-5pt calibration, GC/MS B(#2)
 Calibration: 890403 15:56

Compound	R.T.	Scan#	Area	Conc	Units	q
*Bromochloromethane	8.60	184	38613	50.00	UG/L	91
*1,2-Dichloroethane-d4 (Surr)	11.19	251	88363	49.00	UG/L	86
*1,4-Difluorobenzene	18.66	444	127060	50.00	UG/L	91
*Chlorobenzene-d5	23.50	569	99496	50.00	UG/L	96
Toluene-d8 (Surr)	22.34	539	112092	51.23	UG/L	95
Bromofluorobenzene (Surr)	27.84	681	101640	50.73	UG/L	92

Compound is ISTD

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE

PAGE 1

PT-12

Lab Name: GALSON LABORATORIES

Client: SENECA ARMY DEPOT (L9052)

Task No.: 89033116

Matrix: (soil/water) WATER

Lab Sample ID: H7116

Sample wt/vol: 5 mL

Lab File ID: >BA880::D1

Level: (low/med) LOW

Date Received: 03/31/89

Moisture: not dec.:

Date Analyzed: 04/03/89

Column: (pack/cap) PACK

Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene Chloride	5.	U
75-69-4	Trichlorofluoromethane	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
540-59-0	1,2-Dichloroethene (total)	43.	
67-66-3	Chloroform	5.	U
107-02-2	1,2-Dichloroethane	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-6	Carbon Tetrachloride	5.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	68.	
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
110-75-8	2-Chloroethylvinyl Ether	5.	U
127-18-4	Tetrachloroethene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
541-73-1	1,3-Dichlorobenzene	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U

Qualifiers:

- U- Undetected. Value is the quantitation limit for that compound.
- J- Estimated value. Value is below the compound quantitation limit.
- B- Compound also found in blank.

QUANT REPORT

Operator ID: DAVE
 File: BA880::QT
 File: BA880::D1
 SENECA ARMY DEPOT
 H7116,PT-12,WATER,5

Quant Rev: 6 Quant Time: 890403 16:13
 Injected at: 890403 14:54
 Dilution Factor: 1.00000

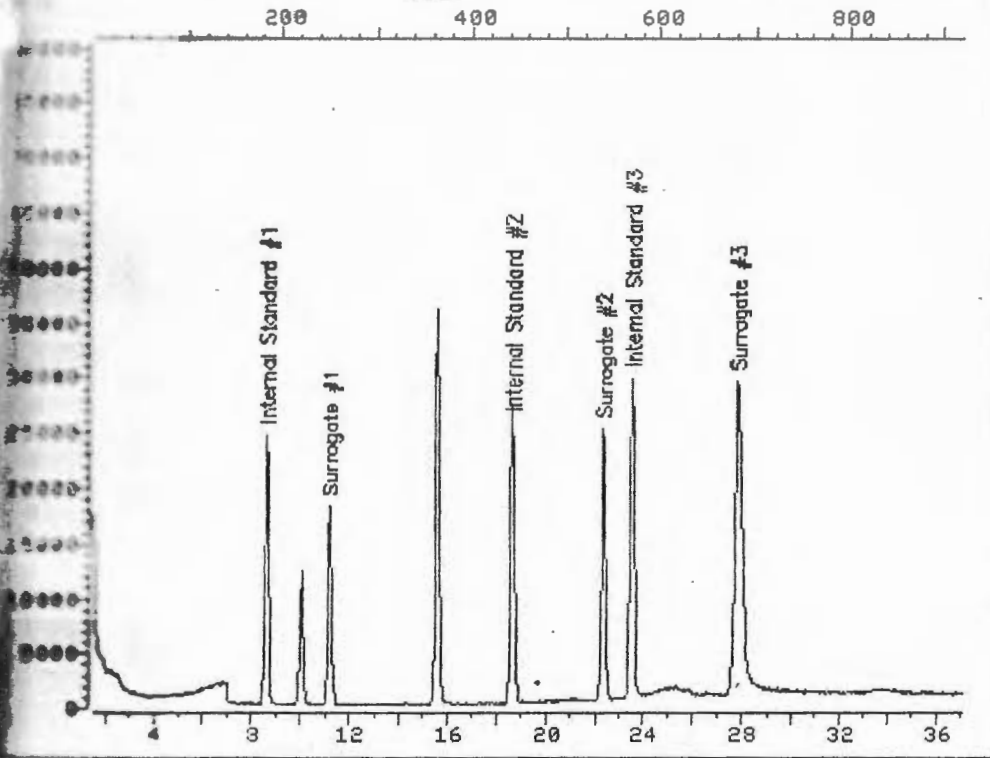
1. B624W::SC
 CLP protocol-5pt calibration, GC/MS B(#2)
 Calibration: 890403 15:56

Compound	R.T.	Scan#	Area	Conc	Units	q
Bromochloromethane	8.60	184	35305	50.00	UG/L	84
1,2-Dichloroethene (total)	10.03	221	26113	43.27	UG/L	97
1,2-Dichloroethene-d4 (Surr)	11.19	251	80036	48.54	UG/L	85
1,4-Difluorobenzene	18.63	443	112569	50.00	UG/L	91
Trichloroethene	15.57	364	68350	68.44	UG/L	90
Chlorobenzene-d5	23.55	570	94244	50.00	UG/L	95
Toluene-d8 (Surr)	22.35	539	102781	49.59	UG/L	94
Bromofluorobenzene (Surr)	27.85	681	94844	49.98	UG/L	82

Compound is ISTD

LOW CHROMATOGRAM

BA880 35.0-350.0 amu. SENECA ARMY DEPOT H7116,PT-12,WATER,5
TIC



Data File: >BA880::D1
Name: SENECA ARMY DEPOT
Mass: H7116,PT-12,WATER,5

Quant Output File: ^BA880::QT

Is File: B624W::SC
Title: CLP protocol-5pt calibration, GC/MS B(#2)
Last Calibration: 890403 15:56

Operator ID: DAVE
Quant Time: 890403 16:13
Injected at: 890403 14:54

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE

PAGE 1

PT-17

Lab Name: GALSON LABORATORIES

Client: SENECA ARMY DEPOT (L9052)

Task No.: 89033116

Matrix: (soil/water) WATER

Lab Sample ID: H7117

Sample wt/vol: 5 mL

Lab File ID: >BA881::D1

Level: (low/med) LOW

Date Received: 03/31/89

Moisture: not dec.:

Date Analyzed: 04/03/89

Column: (pack/cap) PACK

Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene Chloride	5.	U
75-69-4	Trichlorofluoromethane	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
540-59-0	1,2-Dichloroethene (total)	6.	
67-66-3	Chloroform	5.	U
107-02-2	1,2-Dichloroethane	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-6	Carbon Tetrachloride	5.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	59.	
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
110-75-8	2-Chloroethylvinyl Ether	5.	U
127-18-4	Tetrachloroethene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
541-73-1	1,3-Dichlorobenzene	5.	U
95-50-1	1,2-Dichlorobenzene	5.	U
106-46-7	1,4-Dichlorobenzene	5.	U

Qualifiers:

- U- Undetected. Value is the quantitation limit for that compound.
- J- Estimated value. Value is below the compound quantitation limit.
- B- Compound also found in blank.

QUANT REPORT

Operator ID: DAVE
 File: ^BA881::QT
 File: >BA881::D1
 SENECA ARMY DEPOT
 HQ117,PT-17,WATER,5

Quant Rev: 6 Quant Time: 890403 16:21
 Injected at: 890403 15:37
 Dilution Factor: 1.00000

File: 8624W::SC
 CLP protocol-5pt calibration, GC/MS B(#2)
 Calibration: 890403 15:56

Compound	R.T.	Scan#	Area	Conc	Units	q
Bromochloromethane	8.62	181	31901	50.00	UG/L	90
1,2-Dichloroethene (total)	10.09	219	3210	5.89	UG/L	99
1,2-Dichloroethane-d4 (Surr)	11.21	248	73135	49.09	UG/L	85
1,4-Difluorobenzene	18.68	441	103711	50.00	UG/L	90
Trichloroethene	15.59	361	54166	58.87	UG/L	93
Chlorobenzene-d5	23.53	566	88415	50.00	UG/L	96
Toluene-d8 (Surr)	22.36	536	96374	49.57	UG/L	95
Bromofluorobenzene (Surr)	27.86	678	89186	50.09	UG/L	90

Compound is ISTD



GC/MS NARRATIVE

SENECA ARMY DEPOT
89033116

The following package contains data relating to the following samples submitted for analysis on March 31, 1989 :

Client No.	GTS No.	Analysis
PT-12	H7116	volatiles
PT-17	H7117	volatiles
Field Blank	H7118	volatiles

The samples were run following EPA method 624 for volatile analysis. Quality control followed current EPA CLP guidelines.

Analysis of the samples revealed the presence of 1,2-Dichloroethene and Trichloroethene in samples PT-12 and PT-17. The field blank was found to contain no detectable levels of target compounds. No other target compounds were found in the samples.


GC/MS Manager

QUANT REPORT

ID: PETE
 File: ^BC483::QT
 File: >BC483::A2
 SENECA ARMY DEPOT
 W23754, PT-17, WATER, 2.5

Quant Rev: 6 Quant Time: 890929 20:05
 Injected at: 890929 19:24
 Dilution Factor: 1.00000

File: BHSLW::SC
 CLP protocol-5pt calibration, GC/MS B(#2)
 Calibration: 890929 13:25

Compound	R.T.	Scan#	Area	Conc	Units	q
Bromochloromethane	8.50	176	14348	50.00	UG/L	97
1,1-Dichloroethene (total)	9.97	214	7325	22.80	UG/L	88
1,1-Dichloroethane-d4 (Surr)	11.13	244	39934M	54.77	UG/L	79
1,4-Difluorobenzene	18.52	435	57087	50.00	UG/L	91
Trichloroethene	15.47	356	56843	120.91	UG/L	87
Chlorobenzene-d5	23.44	562	46967	50.00	UG/L	92
Toluene-d8 (Surr)	22.20	530	52802	49.58	UG/L	99
Bromofluorobenzene (Surr)	27.74	673	48766	49.93	UG/L	91

Compound is ISTD

VOLATILE ORGANICS ANALYSIS DATA SHEET

PAGE 2

SAMPLE

PT-17

Name: GALSON LABORATORIES

Location: SENECA ARMY DEPOT (L9052)

Task No.: 89092616

Matrix: (soil/water) WATER

Lab Sample ID: H23754

Sample wt/vol: 2.5 mL

Lab File ID: >BC483::A2

Level: (low/med) LOW

Date Received: 09/26/89

Moisture: not dec.:

Date Analyzed: 09/29/89

Packaging: (pack/cap) PACK

Dilution Factor: 2.00

CAS No.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/L
100-41-4-----	Ethylbenzene_____	10.	U D
100-42-5-----	Styrene_____	10.	U D
1330-20-7-----	Xylene (total)_____	10.	U D

Qualifiers:

- U- Undetected. Value is the quantitation limit for that compound.
- E- Estimated value. Value is below the compound quantitation limit.
- B- Compound also found in blank.
- D- Diluted value.

VOLATILE ORGANICS ANALYSIS DATA SHEET
PAGE 1

SAMPLE

PT-17

Client Name: GALSON LABORATORIES

Client: SENECA ARMY DEPOT (L9052)

Task No.: 89092616

Matrix: (soil/water) WATER

Lab Sample ID: H23754

Sample wt/vol: 2.5 mL

Lab File ID: >BC483::A2

Level: (low/med) LOW

Date Received: 09/26/89

Moisture: not dec.:

Date Analyzed: 09/29/89

Container: (pack/cap) PACK

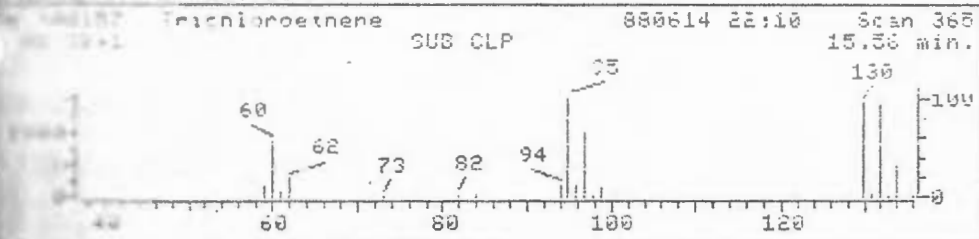
Dilution Factor: 2.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	20.	U D
74-83-9	Bromomethane	20.	U D
75-01-4	Vinyl Chloride	20.	U D
75-00-3	Chloroethane	20.	U D
75-09-2	Methylene Chloride	10.	U D
67-64-1	Acetone	20.	U D
75-15-0	Carbon Disulfide	10.	U D
75-35-4	1,1-Dichloroethene	10.	U D
75-34-3	1,1-Dichloroethane	10.	U D
540-59-0	1,2-Dichloroethene (total)	46.	D
67-66-3	Chloroform	10.	U D
107-02-2	1,2-Dichloroethane	10.	U D
78-93-3	2-Butanone	20.	U D
71-55-6	1,1,1-Trichloroethane	10.	U D
50-23-6	Carbon Tetrachloride	10.	U D
107-05-4	Vinyl Acetate	20.	U D
75-27-4	Bromodichloromethane	10.	U D
79-87-5	1,2-Dichloropropane	10.	U D
10061-01-5	cis-1,3-Dichloropropene	10.	U D
79-01-6	Trichloroethene	240.	D
124-48-1	Dibromochloromethane	10.	U D
79-00-5	1,1,2-Trichloroethane	10.	U D
71-43-2	Benzene	10.	U D
10061-02-6	trans-1,3-Dichloropropene	10.	U D
75-25-2	Bromoform	10.	U D
108-10-1	4-Methyl-2-Pentanone	20.	U D
591-78-6	2-Hexanone	20.	U D
127-18-4	Tetrachloroethene	10.	U D
79-34-5	1,1,2,2-Tetrachloroethane	10.	U D
108-88-3	Toluene	10.	U D
108-90-7	Chlorobenzene	10.	U D

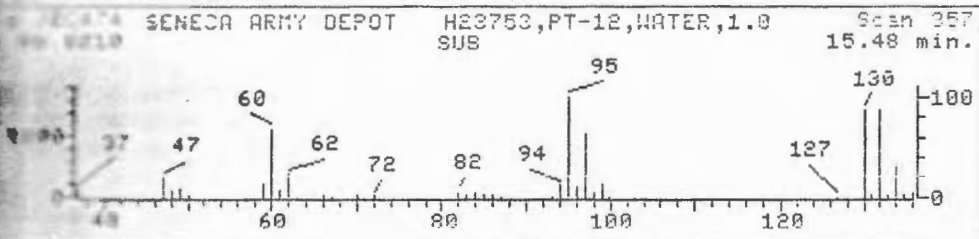
Qualifiers:

- U- Undetected. Value is the quantitation limit for that compound.
- J- Estimated value. Value is below the compound quantitation limit.
- B- Compound also found in blank.
- D- Diluted value.

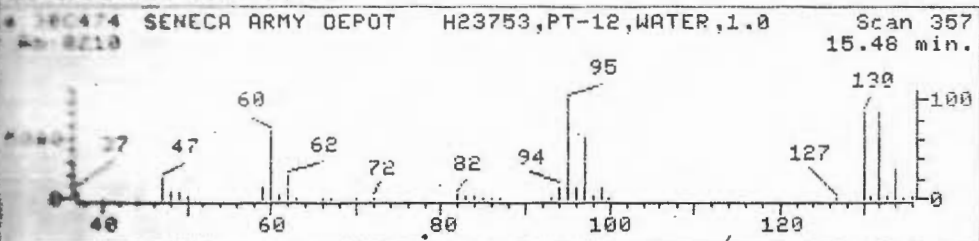
GC SPECTRUM



GC SPECTRUM (BACKGROUND SUBTRACTED)



GC SPECTRUM (UNALTERED)



Data File: >BC474::A3
 Name: SENECA ARMY DEPOT

Quant Output File: ^BC474::QT

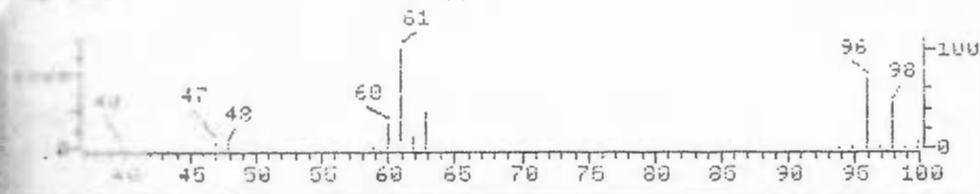
Quant Time: 890929 00:13
 Injected at: 890928 23:32

Quant ID File: BHSLW::SC
 Last Calibration: 890928 13:20

Compound No: 23
 Compound Name: Trichloroethene
 Scan Number: 357
 Retention Time: 15.48 min.
 Quant Vol: 1.0.0
 Area: 1967
 Concentration: 189.12 UG/L
 q-value: 85

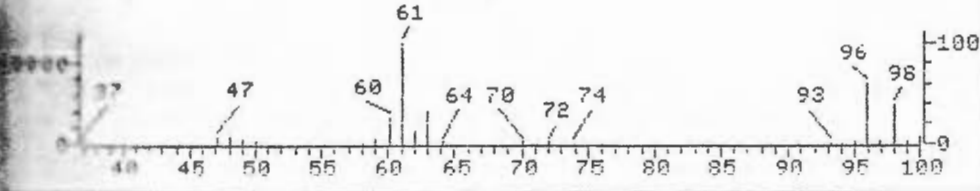
STANDARD SPECTRUM

1,2-Dichloroethene (total) 880222 11:22 Scan 227
SUB 10.21 min.



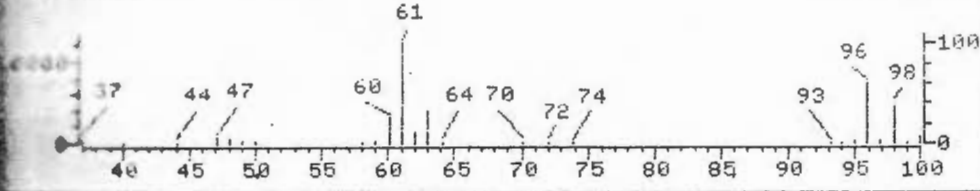
FILE SPECTRUM (BACKGROUND SUBTRACTED)

SENeca ARMY DEPOT H23753,PT-12,WATER,1.0 Scan 215
SUB 9.98 min.



FILE SPECTRUM (UNALTERED)

SENeca ARMY DEPOT H23753,PT-12,WATER,1.0 Scan 215
SUB 9.98 min.



Data File: >BC474::A3
Name: SENeca ARMY DEPOT

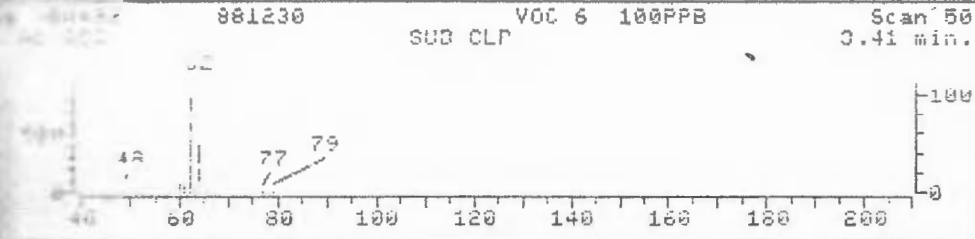
Quant Output File: ^BC474::QT

Quant Time: 890929 00:13
Injection #: 890928 23:32

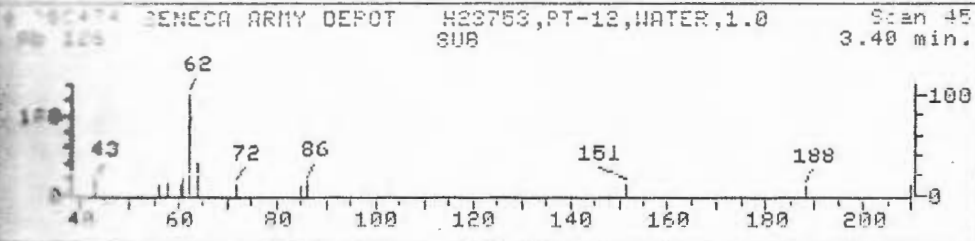
Quant ID File: BHSLW::SC
Last Calibration: 890928 13:20

Compound No: 11
Compound Name: 1,2-Dichloroethene (total)
Scan Number: 215
Retention Time: 9.98 min.
Quant Conc: 96.0
Area: 24019
Concentration: 209.01 UG/L
q-value: 88

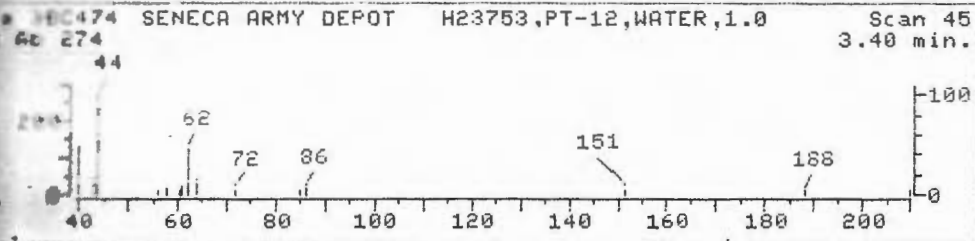
STANDARD SPECTRUM



FILE SPECTRUM (BACKGROUND SUBTRACTED)



FILE SPECTRUM (UNALTERED)



Data File: >BC474::A3
Name: SENECA ARMY DEPOT

Quant Output File: ^BC474::QT

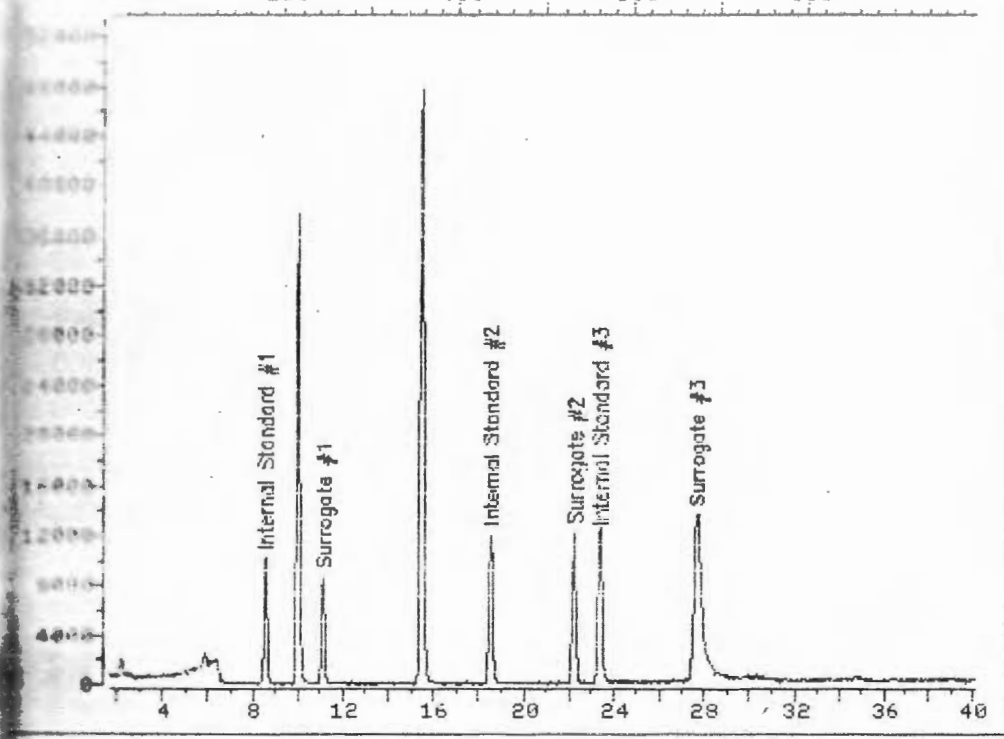
Quant Time: 890929 00:13
Initiated at: 890928 23:32

Quant ID File: BHSLW::SC
Last Calibration: 890928 13:20

Compound No: 4
Compound Name: Vinyl Chloride
Scan Number: 45
Retention Time: 3.40 min.
Quant Vol: 02.0
Area: 1020
Concentration: 3.40 UG/L
q-value: 74

TIC

200 400 600 800



Data File: >BC474::A3
Name: SENECA ARMY DEPOT

Quant Output File: ^BC474::QT

id file: BH5LW::SU
Title: CLP protocol-5pt calibration, GC/MS B(#2)
Last Calibration: 890928 13:20

Operator: J.D.: PETE
Date Time: 890929 00:13
Injection: 890928 23:32

QUANT REPORT

Operator ID: PETE
 Sample File: ^BC474::D1
 Lab File: >BC474::A3
 Location: SENECA ARMY DEPOT
 Sample ID: H20753,PT-12,WATER,1.0

Quant Rev: 6. Quant Time: 890929 00:13
 Injected at: 890928 23:32
 Dilution Factor: 1.00000

File: BHSLW::SC
 Method: CLP protocol-5pt calibration, GC/MS B(#2)
 Calibration: 890928 13:20

Compound	R.T.	Scan#	Area	Conc	Units	q
•Bromochloromethane	8.55	178	13425	50.00	UG/L	95
Vinyl Chloride	3.40	45	1020	3.40	UG/L	94
1,2-Dichloroethene (total)	9.98	215	74019	209.01	UG/L	88
1,2-Dichloroethane-d4 (Surr)	11.14	245	36081	52.20	UG/L	80
•1,4-Difluorobenzene	18.50	435	48372	50.00	UG/L	93
Trichloroethene	15.48	357	77967	189.12	UG/L	85
•Chlorobenzene-d5	23.38	561	40382	50.00	UG/L	95
Toluene-d8 (Surr)	22.22	531	46283	50.65	UG/L	94
Bromofluorobenzene (Surr)	27.68	672	41114	51.35	UG/L	87

Compound is ISTD

VOLATILE ORGANICS ANALYSIS DATA SHEET
PAGE 2

SAMPLE

PT-12

Lab Name: GALSON LABORATORIES

Client: SENECA ARMY DEPOT (L9052)

Task No.: 89092616

Matrix: (soil/water) WATER

Lab Sample ID: H23753

Sample wt/vol: 1.0 mL

Lab File ID: >BC474::A3

Level: (low/med) LOW

Date Received: 09/26/89

Moisture: not dec.:

Date Analyzed: 09/28/89

Column: (pack/cap) PACK

Dilution Factor: 5.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
100-41-4-----	Ethylbenzene_____	25.	U D
100-42-5-----	Styrene_____	25.	U D
1330-20-7-----	Xylene (total)_____	25.	U D

Qualifiers:

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- R- Compound also found in blank.

VOLATILE ORGANIC ANALYSIS DATA SHEET

SAMPLE

PAGE 1

PT-12

Lab Name: GALSON LABORATORIES

Client: SENECA ARMY DEPOT (L9052)

Task No.: 89092616

Matrix: (soil/water) WATER

Lab Sample ID: H23753

Sample wt/vol: 1.0 mL

Lab File ID: >BC474::A3

Level: (low/med) LOW

Date Received: 09/26/89

Moisture: not dec.:

Date Analyzed: 09/28/89

Column: (pack/cap) PACK

Dilution Factor: 5.00

CAS No.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/L
74-87-3	Chloromethane	50.	U D
74-83-9	Bromomethane	50.	U D
75-01-4	Vinyl Chloride	17.	J D
75-00-3	Chloroethane	50.	U D
75-09-2	Methylene Chloride	25.	U D
67-64-1	Acetone	50.	U D
75-15-0	Carbon Disulfide	25.	U D
75-35-4	1,1-Dichloroethene	25.	U D
75-34-3	1,1-Dichloroethane	25.	U D
540-59-0	1,2-Dichloroethene (total)	1000.	D
67-63-3	Chloroform	25.	U D
107-02-2	1,2-Dichloroethane	25.	U D
78-93-3	2-Butanone	50.	U D
71-55-6	1,1,1-Trichloroethane	25.	U D
56-23-5	Carbon Tetrachloride	25.	U D
108-05-4	Vinyl Acetate	50.	U D
75-27-4	Bromodichloromethane	25.	U D
78-87-5	1,2-Dichloropropane	25.	U D
10061-01-5	cis-1,3-Dichloropropene	25.	U D
79-01-6	Trichloroethene	950.	D
124-48-1	Dibromochloromethane	25.	U D
79-00-5	1,1,2-Trichloroethane	25.	U D
71-43-2	Benzene	25.	U D
10061-02-6	trans-1,3-Dichloropropene	25.	U D
75-25-2	Bromoform	25.	U D
108-10-1	4-Methyl-2-Pentanone	50.	U D
591-78-6	2-Hexanone	50.	U D
127-18-4	Tetrachloroethene	25.	U D
79-34-5	1,1,2,2-Tetrachloroethane	25.	U D
108-88-3	Toluene	25.	U D
108-90-7	Chlorobenzene	25.	U D

Qualifiers:

- U- Undetected. Value is the quantitation limit for that compound.
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VOLATILE ORGANICS ANALYSIS DATA SHEET

PAGE 1

SAMPLE

FIELD BLANK

b Name: GALSON LABORATORIES

Client: SENECA ARMY DEPOT (L9052)

Task No.: 89033116

Matrix: (soil/water) WATER

Lab Sample ID: H7118

Sample wt/vol: 5 mL

Lab File ID: >BA879::D1

Level: (low/med) LOW

Date Received: 03/31/89

% Moisture: not dec.:

Date Analyzed: 04/03/89

Column: (pack/cap) PACK

Dilution Factor: 1.00

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	5.	U
75-69-4	-----Trichlorofluoromethane	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
540-59-0	-----1,2-Dichloroethene (total)	5.	U
67-66-3	-----Chloroform	5.	U
107-02-2	-----1,2-Dichloroethane	5.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-6	-----Carbon Tetrachloride	5.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
110-75-8	-----2-Chloroethylvinyl Ether	5.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
541-73-1	-----1,3-Dichlorobenzene	5.	U
95-50-1	-----1,2-Dichlorobenzene	5.	U
106-46-7	-----1,4-Dichlorobenzene	5.	U

Qualifiers:

U- Undetected. Value is the quantitation limit for that compound.

J- Estimated value. Value is below the compound quantitation limit.

B- Compound also found in blank.