8260B SAMPLE / QC DATA

DATE ANALYZED: 102900

INSTRUMENT ID: MSD

SAMPLES: 20J180165- 9-26

STL Los A[illegible]es

FJK 11/1/00

Batch ID: 0305324

GC/MS VOA Run Log

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☐ 5030B ☐ 5035

Inst ID: MSD	EM Set: 1659	Tune File: BFB.U	Seq File: 10/29/1310
Init. Cal ID: 8260BDA 10-24-2000			Date: 10/29/2000 PM

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
19:33	AD	DT1610	50ngBFB			1µ			✓			MSV021265-2
19:48		DS2599	50ppb 826013	1	S	5g	1.U	234	✓			J127X1; STD 1279-1
20:29		D13548	LCS-1029BD	2				237	✓			GC1282-1
21:01		49	MB-1029BD	3				141	—			
21:35		50	DNCGCIAE	4				224	—			EOJ180165 -9
22:06		51	DNCGCIAFS	5				230	—			-9MS
22:37		52	DNCGCIAGD	6				227	—			-9MD
23:09		53	DNCGFIA1	7				226	—			-10
23:40		54	DNCGLIAE	8				215	—			-11
0:11		55	DNCGNIA1	9				217	—			-12
0:42		56	DNCGTIAE	10				215	—			-13
1:13		57	DNCGWIAE	11				222	—			-14
1:44		58	DNCG8IAE	12				223	—			-16
2:16		59	DNCG9IAE	13				223	—			-17
2:47		60	DNCHAIAX	14				221	—			-18
3:18		61	DNCHGIA3	15				221	—			-19
3:49		62	DNCHLIAE	16				223	—			-20
4:20		63	DNCHPIAE	17				213	—			-21
4:52		64	DNCJCIAE	18				209	—			-22
5:23		65	DNCJEIAA	19				213	—			-23
5:54		66	DNCJFIAE	20				207	—			-24
6:25		67	DNCJJIAF	21				210	—			-25
6:57		D13568	DNCJLIAG	22				210	—			-26

000532

000132

G:\FORMS\Run Log\MSV Runlog.DOC

Version 01/04/99

BOE-C6-0175563

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA86601

Lab File ID (Standard): DS2599 Date Analyzed: 10/29/00

Instrument ID: MD Time Analyzed: 1948

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	2347879	7.07	1869532	12.58	1209566	17.23
	UPPER LIMIT	4695758	7.57	3739064	13.08	2419132	17.73
	LOWER LIMIT	1173940	6.57	934766	12.08	604783	16.73
	EPA SAMPLE NO.						
01	D13548	2357514	7.08	1889269	12.58	1211507	17.23
02	D13549	1417626	7.09	1076227	12.59	634223	17.24
03	D13550	2240074	7.09	1851448	12.59	1158478	17.24
04	D13551	2309631	7.07	1859956	12.59	1203652	17.24
05	D13552	2287386	7.07	1849762	12.59	1203073	17.23
06	D13553	2269259	7.09	1917740	12.58	1209465	17.23
07	D13554	2150545	7.09	1795390	12.59	1126200	17.23
08	D13555	2173630	7.08	1860894	12.59	1165412	17.23
09	D13556	2154509	7.10	1764256	12.60	978038	17.23
10	D13557	2223272	7.08	1841088	12.59	1173367	17.24
11	D13558	2225928	7.09	1822346	12.59	1164221	17.23
12	D13559	2226319	7.09	1880854	12.59	1173948	17.23
13	D13560	2205143	7.08	1799865	12.58	1118509	17.23
14	D13561	2205048	7.08	1845738	12.58	1157791	17.23
15	D13562	2226755	7.09	1872109	12.59	1189492	17.23
16	D13563	2132403	7.10	1766208	12.60	1108589	17.24
17	D13564	2087788	7.08	1729713	12.59	1027183	17.23
18	D13565	2126025	7.08	1770550	12.58	1129062	17.22
19	D13566	2070801	7.07	1738942	12.58	1051935	17.23
20	D13567	2097972	7.08	1767017	12.59	1089545	17.22
21	D13568	2095045	7.09	1757746	12.59	1109125	17.24
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA 1/87 Rev.

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\DT1610.D
Lab Smp Id:
Inj Date : 29-OCT-2000 19:33
Operator : AD Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1265-2,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\BFB.M
Meth Date : 11-Jul-2000 09:15 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
1.7799	1.8000	(0.000)	95	128349			0.00- 100.00	100.00
1.7799	1.8000	(0.000)	50	24984			15.00- 40.00	19.47
1.7799	1.8000	(0.000)	75	62946			30.00- 60.00	49.04
1.7799	1.8000	(0.000)	96	10439			5.00- 9.00	8.13
1.7799	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7799	1.8000	(0.000)	174	86853			50.00- 0.00	67.67
1.7799	1.8000	(0.000)	175	7154			5.00- 9.00	8.24
1.7799	1.8000	(0.000)	176	85645			95.00- 101.00	98.61
1.7799	1.8000	(0.000)	177	6629			5.00- 9.00	7.74

AM 10/29/2000

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\DT1610.D

Date : 29-OCT-2000 19:33

Client ID:

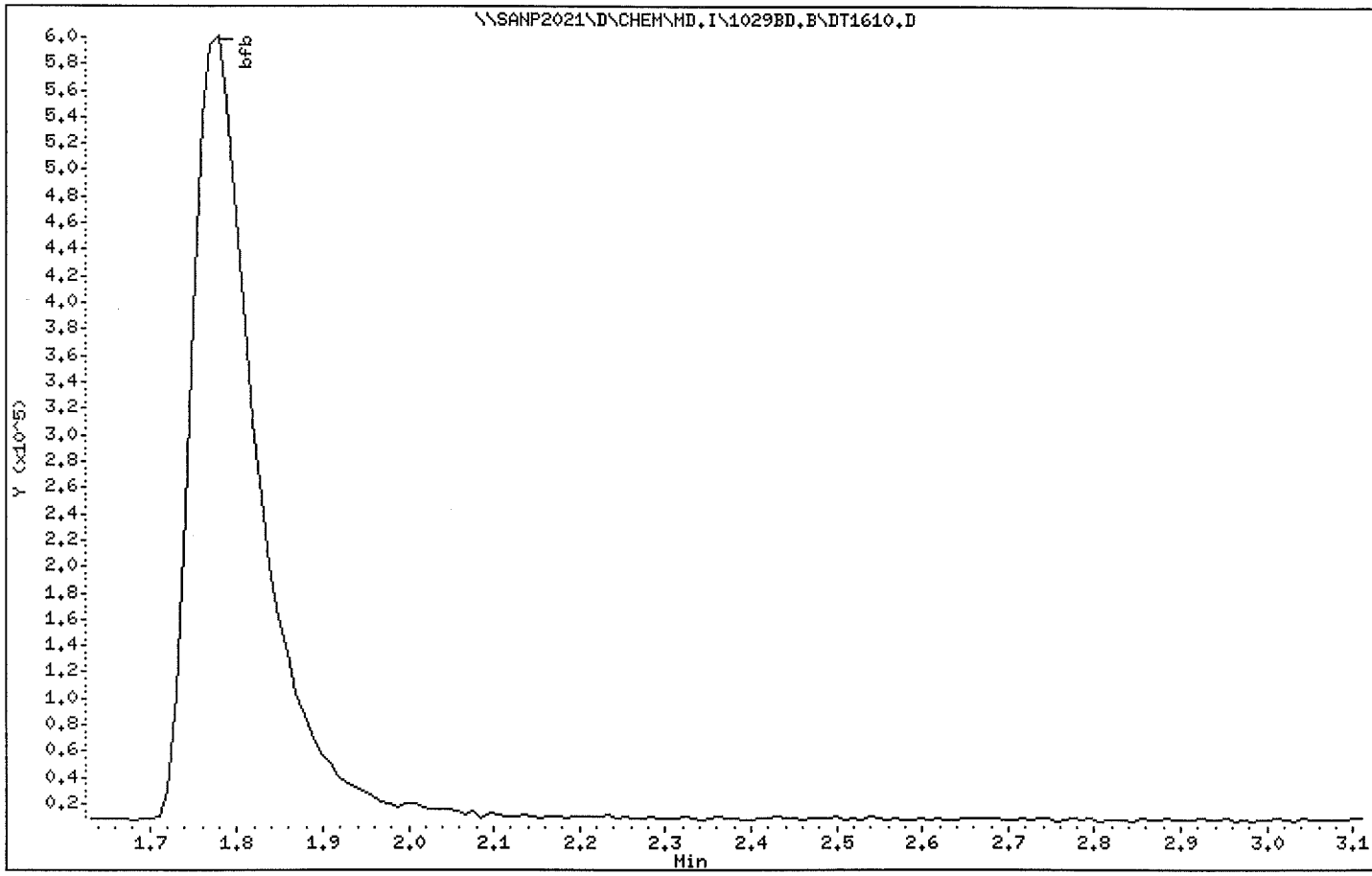
Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\DT1610.D

Date : 29-OCT-2000 19:33

Client ID:

Instrument: md.i

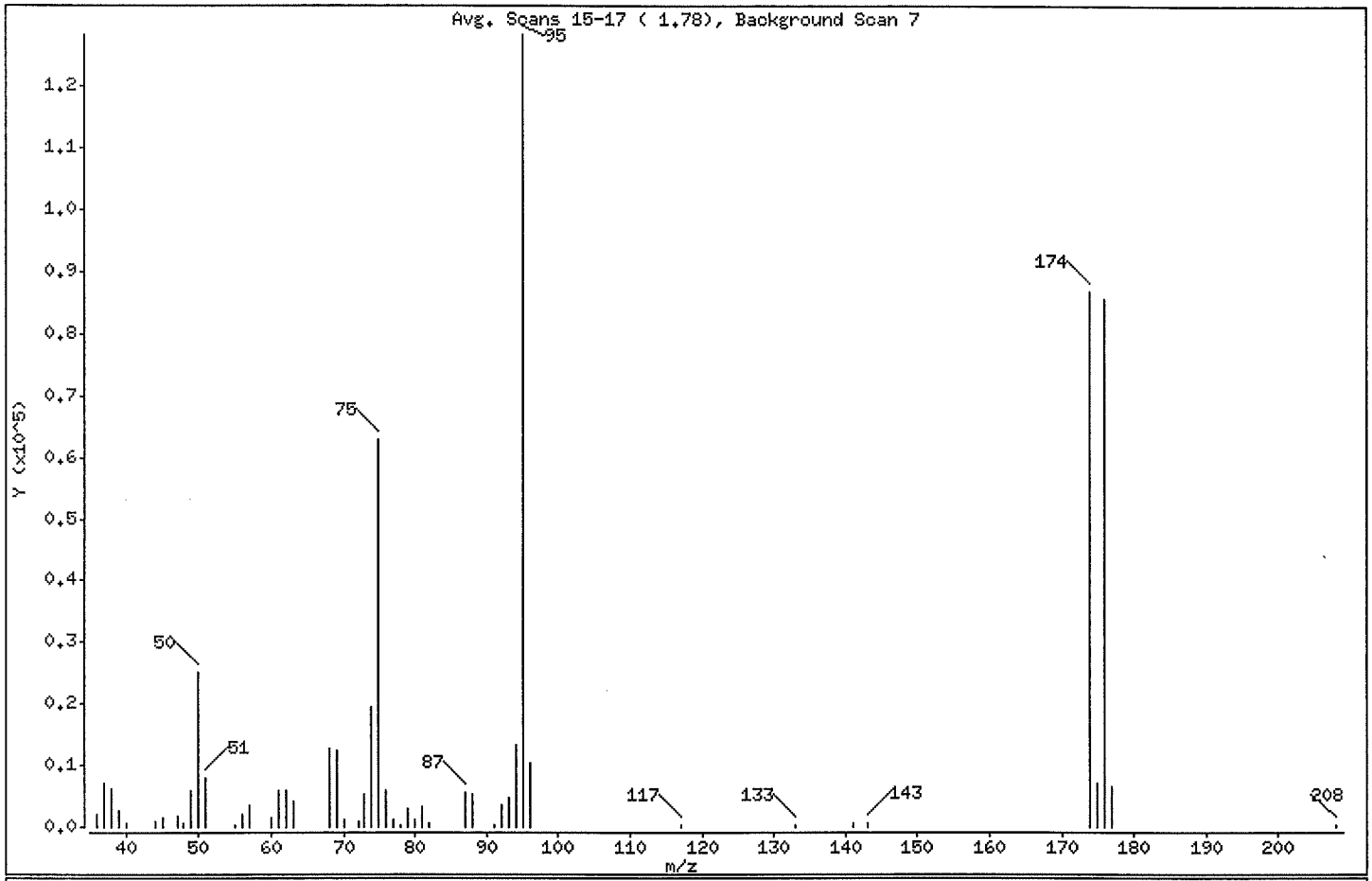
Sample Info: 50 ng BFB,bfb,,,,,,bfb,m

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.47
75	30.00 - 60.00% of mass 95	49.04
96	5.00 - 9.00% of mass 95	8.13
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	67.67
175	5.00 - 9.00% of mass 174	5.57 (8.24)
176	95.00 - 101.00% of mass 174	66.73 (98.61)
177	5.00 - 9.00% of mass 176	5.16 (7.74)

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\DT1610.D

Date : 29-OCT-2000 19:33

Client ID:

Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1610.D
Spectrum: Avg. Scans 15-17 (1.78), Background Scan 7
Location of Maximum: 95.00
Number of points: 50

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2029	56.00	1981	76.00	5924	95.00	128344
37.00	7031	57.00	3461	77.00	1069	96.00	10439
38.00	6208	60.00	1329	78.00	252	117.00	255
39.00	2539	61.00	5842	79.00	2804	133.00	254
40.00	512	62.00	5821	80.00	1236	141.00	550
44.00	741	63.00	4087	81.00	3318	143.00	562
45.00	1554	68.00	12557	82.00	641	174.00	86848
47.00	1654	69.00	12352	87.00	5593	175.00	7154
48.00	721	70.00	1058	88.00	5261	176.00	85640
49.00	5855	72.00	919	91.00	198	177.00	6629
50.00	24984	73.00	5194	92.00	3413	208.00	269
51.00	8075	74.00	19496	93.00	4733		
55.00	258	75.00	62944	94.00	13210		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2599.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m

Injection Date: 29-OCT-2000 19:48
Init. Cal. Date(s): 24-OCT-2000 24-OCT-2000
Init. Cal. Times: 12:13 14:20

M 10/29/2000

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	1 Dichlorodifluoromethane	0.35932	0.35343	0.010	-1.6	50.0
	2 Vinyl chloride (*)	0.24059	0.24132	0.010	0.3	20.0
	3 Chloromethane (**)	0.27602	0.22989	0.100	-16.7	50.0
	4 Bromomethane	0.15127	0.17512	0.010	15.8	50.0
	5 Chloroethane	0.12884	0.14749	0.010	14.5	50.0
	6 Trichlorofluoromethane	0.53680	0.61320	0.010	14.2	50.0
	7 Acrolein	0.01768	0.01569	0.001	-11.3	50.0
	8 1,1-Dichloroethene(*)	0.24399	0.20517	0.010	-15.9	20.0
	9 1,1,2-Trichlorotrifluoroeth	0.30468	0.27379	0.010	-10.1	50.0
	10 Acetone	0.06482	0.05570	0.010	-14.1	50.0
	11 Iodomethane	0.27257	0.31848	0.001	16.8	50.0
	12 Carbon disulfide	0.54902	0.45303	0.010	-17.5	50.0
	13 Methylene chloride	0.27188	0.25190	0.010	-7.3	50.0
	14 t-Butanol	0.00651	0.00547	0.001	-16.0	20.0
	15 trans-1,2-Dichloroethene	0.28525	0.26557	0.010	-6.9	50.0
	16 Acrylonitrile	0.05231	0.04981	0.001	-4.8	20.0
	17 Methyl-tert-butyl ether[MTB	0.71954	0.63695	0.010	-11.5	50.0
	18 1,1-Dichloroethane (**)	0.54274	0.50087	0.100	-7.7	50.0
	19 Vinyl acetate	0.79238	0.67139	0.010	-15.3	50.0
	20 Isopropyl ether	1.13268	0.94165	0.010	-16.9	20.0
	21 2,2-Dichloropropane	0.53598	0.48063	0.010	-10.3	50.0
	22 Tert-butyl ethyl ether	0.98904	0.83682	0.010	-15.4	20.0
	23 cis-1,2-Dichloroethene	0.30423	0.29489	0.010	-3.1	50.0
	24 2-Butanone	0.11740	0.10308	0.010	-12.2	50.0
	25 Bromochloromethane	0.18007	0.18832	0.010	4.6	50.0
	26 Chloroform (*)	0.69643	0.66121	0.010	-5.1	20.0
	27 Tetrahydrofuran	0.09862	0.08594	0.010	-12.9	50.0
M	28 1,2-Dichloroethene (total)	0.29474	0.28023	0.010	-4.9	50.0
$	29 Dibromofluoromethane	0.59113	0.61515	0.010	4.1	50.0
	30 1,1,1-Trichloroethane	0.62645	0.59817	0.010	-4.5	50.0
	31 Carbon Tetrachloride	0.57812	0.55090	0.010	-4.7	50.0
	32 1,1-Dichloropropene	0.53688	0.49354	0.010	-8.1	50.0
$	33 1,2-Dichloroethane-d4	0.43098	0.38685	0.010	-10.2	50.0
	34 1,2-Dichloroethane-d4 2nd	0.09321	0.09828	0.010	5.4	50.0
	35 Benzene	0.89846	0.85449	0.010	-4.9	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2599.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD
Method: \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m

Injection Date: 29-OCT-2000 19:48
Init. Cal. Date(s): 24-OCT-2000 24-OCT-2000
Init. Cal. Times: 12:13 14:20
Quant Type: ISTD

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	36 1,2-Dichloroethane	0.47865	0.43010	0.010	-10.1	50.0
	37 Tert-amyl methyl ether	0.96596	0.84100	0.010	-12.9	20.0
	39 Trichloroethene	0.39012	0.40154	0.010	2.9	50.0
	40 1,2-Dichloropropane(*)	0.40033	0.36731	0.010	-8.2	20.0
	41 Dibromomethane	0.33551	0.31180	0.010	-7.1	50.0
	42 Bromodichloromethane	0.68558	0.64577	0.010	-5.8	50.0
	43 1-Bromo-2-chloroethane	0.62726	0.53083	0.010	-15.4	50.0
	44 2-Chloroethylvinyl ether	0.05840	0.05739	0.010	-1.7	20.0
	45 cis-1,3-Dichloropropene	0.59057	0.54776	0.010	-7.2	50.0
	46 4-Methyl-2-pentanone	0.36909	0.32472	0.010	-12.0	50.0
$	47 Toluene-d8	1.18205	1.20082	0.010	1.6	50.0
	48 Toluene (*)	1.31962	1.27269	0.010	-3.6	20.0
	49 trans-1,3-Dichloropropene	0.65186	0.58787	0.010	-9.8	50.0
	50 1,1,2-Trichloroethane	0.45747	0.43842	0.010	-4.2	50.0
	51 Tetrachloroethene	0.45939	0.47764	0.010	4.0	50.0
	52 1,3-Dichloropropane	0.76925	0.71603	0.010	-6.9	50.0
	53 2-Hexanone	0.34052	0.29611	0.010	-13.0	50.0
	54 Dibromochloromethane	0.70662	0.68102	0.010	-3.6	50.0
	55 1,2-Dibromoethane	0.63968	0.62227	0.010	-2.7	50.0
	57 Chlorobenzene (**)	1.01584	1.01064	0.300	-0.5	50.0
	58 1,1,1,2-Tetrachloroethane	0.53293	0.53056	0.010	-0.4	50.0
	59 Ethylbenzene (*)	0.48544	0.46911	0.010	-3.4	20.0
	60 m,p-Xylenes	0.59890	0.60206	0.010	0.5	50.0
	61 o-Xylene	0.59580	0.59983	0.010	0.7	50.0
	62 Styrene	0.95410	0.96695	0.010	1.3	50.0
M	63 Xylenes (total)	0.59787	0.60132	0.010	0.6	50.0
	64 Bromoform (**)	0.52838	0.52992	0.100	0.3	50.0
	65 Isopropylbenzene	1.76913	1.77254	0.010	0.2	50.0
	66 4-Bromofluorobenzene-2nd	0.94190	0.91000	0.010	-3.4	50.0
$	67 4-Bromofluorobenzene	1.56185	1.37957	0.010	-11.7	50.0
	68 Bromobenzene	0.88483	0.85161	0.010	-3.8	50.0
	69 1,1,2,2-Tetrachloroethane(*	1.25607	1.08574	0.300	-13.6	50.0
	70 1,2,3-Trichloropropane	0.35090	0.32229	0.010	-8.2	50.0
	71 n-Propylbenzene	3.24826	3.08515	0.010	-5.0	50.0
	72 2-Chlorotoluene	0.69859	0.65460	0.010	-6.3	50.0
	73 4-Chlorotoluene	0.73473	0.68905	0.010	-6.2	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 29-OCT-2000 19:48
Lab File ID: DS2599.D Init. Cal. Date(s): 24-OCT-2000 24-OCT-2000
Analysis Type: SOIL Init. Cal. Times: 12:13 14:20
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.46442	2.30274	0.010	-6.6	50.0
75 tert-Butylbenzene	2.52551	2.40045	0.010	-5.0	50.0
76 1,2,4-Trimethylbenzene	2.47398	2.31696	0.010	-6.3	50.0
77 sec-Butylbenzene	3.37956	3.24517	0.010	-4.0	50.0
78 1,3-Dichlorobenzene	1.48278	1.43788	0.010	-3.0	50.0
80 1,4-Dichlorobenzene	1.57159	1.54198	0.010	-1.9	50.0
81 p-Isopropyltoluene	2.62904	2.60259	0.010	-1.0	50.0
82 1,2-Dichlorobenzene	1.42843	1.37796	0.010	-3.5	50.0
83 n-Butylbenzene	2.66820	2.63246	0.010	-1.3	50.0
84 1,2-Dibromo-3-chloropropane	0.33197	0.30780	0.010	-7.3	50.0
85 1,2,4-Trichlorobenzene	1.13411	1.17680	0.010	3.8	50.0
86 Hexachlorobutadiene	0.61891	0.81541	0.010	31.7	50.0
87 Napthalene	2.14822	2.07133	0.010	-3.6	50.0
88 1,2,3-Trichlorobenzene	1.04576	1.10870	0.010	6.0	50.0

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2599.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Misc Info: 1279-1;78-1;84-1,,5,,2,all.SUB

Calibration Date: 29-OCT-2000
Calibration Time: 19:48

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2347879	1173940	4695758	2347879	0.00
56 Chlorobenzene-d5	1869532	934766	3739064	1869532	0.00
79 1,4-Dichlorobenze	1209566	604783	2419132	1209566	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.07	6.57	7.57	7.07	0.00
56 Chlorobenzene-d5	12.58	12.08	13.08	12.58	0.00
79 1,4-Dichlorobenze	17.23	16.73	17.73	17.23	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1029BD.B/DS2599.D
Inj. Date : 29-OCT-2000 19:48

ICAL Mid Point : //SANP2021/D/chem/md.i/1024AD.B/DS2581.D
Inj. Date : 24-OCT-2000 13:16

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.09	7.07	0.01	2508747	2347879	93.6%
Chlorobenzene-d5	12.60	12.58	0.02	1950718	1869532	95.8%
1,4-Dichlorobenzene-d4	17.24	17.23	0.01	1222973	1209566	98.9%

8260B Area difference criteria: 50%-200%

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\DS2599.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 29-OCT-2000 19:48
Operator : AD Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1279-1;78-1;84-1,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 20:13 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.468	1.468	(0.208)	829810	50.0000	49.18
2 Vinyl chloride (*)	62	1.705	1.705	(0.241)	566594	50.0000	50.15
3 Chloromethane (**)	50	1.626	1.626	(0.230)	539761	50.0000	41.64
4 Bromomethane	94	1.981	1.981	(0.280)	411150	50.0000	57.88
5 Chloroethane	64	2.069	2.069	(0.293)	346285	50.0000	57.24
6 Trichlorofluoromethane	101	2.286	2.286	(0.323)	1439711	50.0000	57.12
7 Acrolein	56	2.690	2.690	(0.380)	368340	500.000	443.6(AQ)
8 1,1-Dichloroethene(*)	96	2.779	2.779	(0.393)	481724	50.0000	42.04
9 1,1,2-Trichlorotrifluoroethan	151	2.789	2.789	(0.394)	642815	50.0000	44.93
10 Acetone	43	2.867	2.867	(0.405)	653864	250.000	214.8(Q)
11 Iodomethane	142	2.936	2.936	(0.415)	1495515	100.000	116.8(A)
12 Carbon disulfide	76	2.995	2.995	(0.423)	1063671	50.0000	41.26
13 Methylene chloride	84	3.321	3.321	(0.469)	591429	50.0000	46.32
14 t-Butanol	59	3.557	3.557	(0.503)	321169	1250.00	1050

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.665	3.665	(0.518)	623524	50.0000	46.55
	16 Acrylonitrile	53	3.646	3.646	(0.515)	1169584	500.000	476.2(AQ)
	17 Methyl-tert-butyl ether[MTBE]	73	3.695	3.695	(0.522)	1495481	50.0000	44.26
	18 1,1-Dichloroethane (**)	63	4.247	4.247	(0.600)	1175975	50.0000	46.14
	19 Vinyl acetate	43	4.385	4.385	(0.620)	3152700	100.000	84.73
	20 Isopropyl ether	45	4.424	4.424	(0.625)	2210878	50.0000	41.57
	21 2,2-Dichloropropane	77	5.133	5.133	(0.726)	1128468	50.0000	44.84
	22 Tert-butyl ethyl ether	59	4.986	4.986	(0.705)	1964757	50.0000	42.30
	23 cis-1,2-Dichloroethene	96	5.153	5.153	(0.728)	692367	50.0000	48.46
	24 2-Butanone	43	5.252	5.252	(0.742)	1210053	250.000	219.5
	25 Bromochloromethane	128	5.537	5.537	(0.783)	442154	50.0000	52.29
	26 Chloroform (*)	83	5.705	5.705	(0.806)	1552435	50.0000	47.47
	27 Tetrahydrofuran	42	5.656	5.656	(0.799)	201780	50.0000	43.57
M	28 1,2-Dichloroethene (total)	100				1315892	100.000	95.02
$	29 Dibromofluoromethane	111	5.971	5.971	(0.844)	1444290	50.0000	52.03
	30 1,1,1-Trichloroethane	97	5.951	5.951	(0.841)	1404439	50.0000	47.74
	31 Carbon Tetrachloride	117	6.217	6.217	(0.879)	1293446	50.0000	47.64
	32 1,1-Dichloropropene	75	6.227	6.227	(0.880)	1158783	50.0000	45.96
$	33 1,2-Dichloroethane-d4	65	6.493	6.493	(0.918)	908276	50.0000	44.88
	34 1,2-Dichloroethane-d4 2nd	102	6.503	6.503	(0.919)	230750	50.0000	52.72
	35 Benzene	78	6.572	6.572	(0.929)	2006244	50.0000	47.55
	36 1,2-Dichloroethane	62	6.631	6.631	(0.937)	1009832	50.0000	44.93
	37 Tert-amyl methyl ether	73	6.867	6.867	(0.971)	1974573	50.0000	43.53
*	38 Fluorobenzene	96	7.074	7.074	(1.000)	2347879	50.0000	
	39 Trichloroethene	130	7.715	7.715	(1.091)	942770	50.0000	51.46
	40 1,2-Dichloropropane(*)	63	8.099	8.099	(1.145)	862392	50.0000	45.88
	41 Dibromomethane	93	8.306	8.306	(1.174)	732079	50.0000	46.47
	42 Bromodichloromethane	83	8.631	8.631	(1.220)	1516185	50.0000	47.10
	43 1-Bromo-2-chloroethane	63	9.133	9.133	(1.291)	1246315	50.0000	42.31
	44 2-Chloroethylvinyl ether	106	9.242	9.242	(1.306)	269505	100.000	98.27
	45 cis-1,3-Dichloropropene	75	9.439	9.439	(1.334)	1286064	50.0000	46.38
	46 4-Methyl-2-pentanone	43	9.793	9.793	(1.384)	3811982	250.000	219.9
$	47 Toluene-d8	98	9.902	9.902	(0.787)	2244970	50.0000	50.79
	48 Toluene (*)	91	10.020	10.020	(0.796)	2379341	50.0000	48.22
	49 trans-1,3-Dichloropropene	75	10.493	10.493	(0.834)	1099035	50.0000	45.09
	50 1,1,2-Trichloroethane	97	10.808	10.808	(0.859)	819649	50.0000	47.92
	51 Tetrachloroethene	164	11.025	11.025	(0.876)	892971	50.0000	51.99
	52 1,3-Dichloropropane	76	11.104	11.104	(0.883)	1338647	50.0000	46.54
	53 2-Hexanone	43	11.360	11.360	(0.903)	2767897	250.000	217.4
	54 Dibromochloromethane	129	11.518	11.518	(0.915)	1273184	50.0000	48.19
	55 1,2-Dibromoethane	107	11.675	11.675	(0.928)	1163363	50.0000	48.64
*	56 Chlorobenzene-d5	117	12.582	12.582	(1.000)	1869532	50.0000	
	57 Chlorobenzene (**)	112	12.631	12.631	(1.004)	1889430	50.0000	49.74
	58 1,1,1,2-Tetrachloroethane	131	12.838	12.838	(1.020)	991891	50.0000	49.78
	59 Ethylbenzene (*)	106	12.897	12.897	(1.025)	877025	50.0000	48.32
	60 m,p-Xylenes	106	13.143	13.143	(1.045)	2251158	100.000	100.5
	61 o-Xylene	106	13.892	13.892	(1.104)	1121405	50.0000	50.34

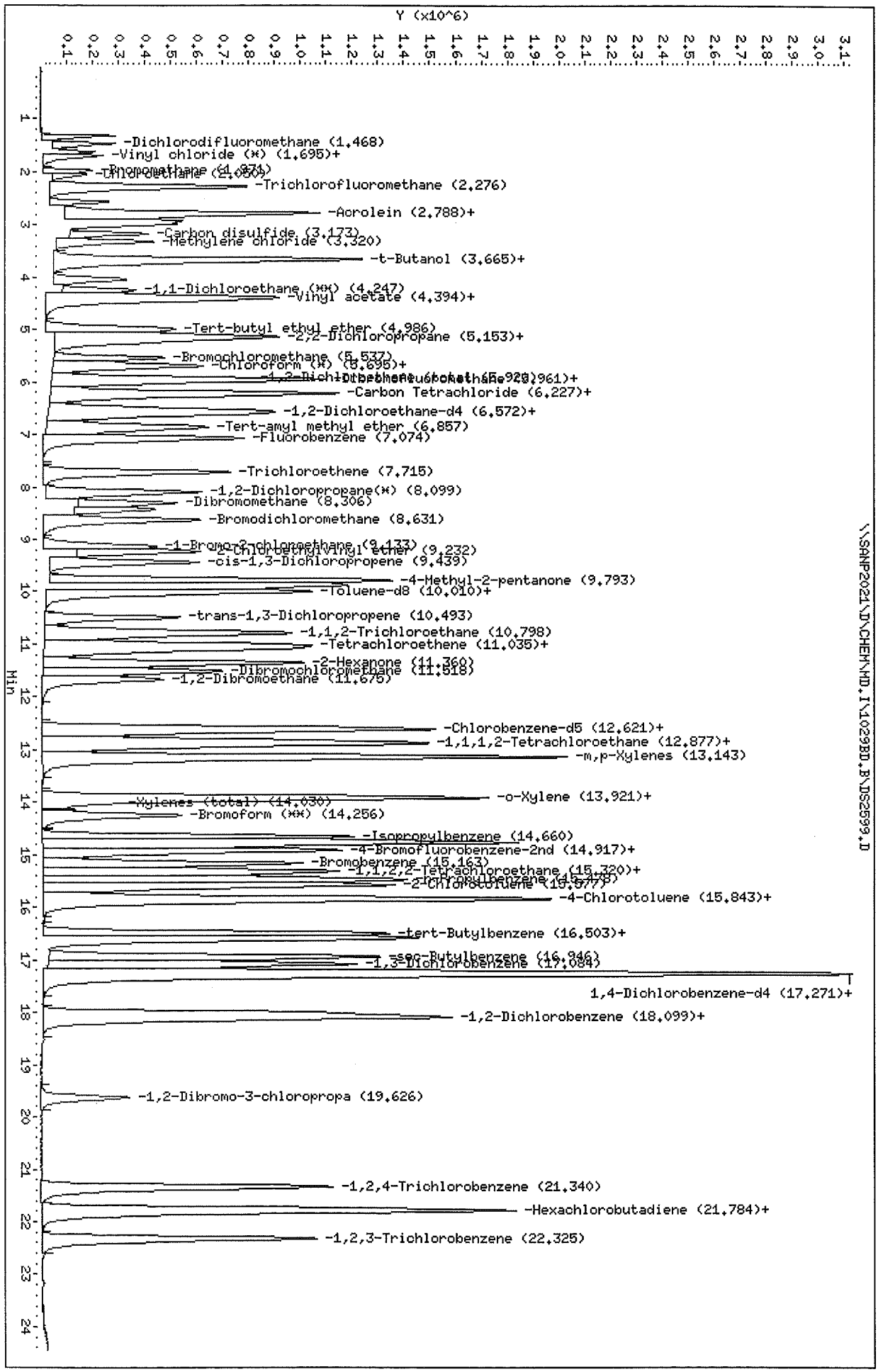
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.931	13.931	(1.107)	1807745	50.0000	50.67
M	63 Xylenes (total)	100				3372564	150.000	150.9
	64 Bromoform (**)	173	14.256	14.256	(1.133)	990699	50.0000	50.14
	65 Isopropylbenzene	105	14.660	14.660	(1.165)	3313820	50.0000	50.10
	66 4-Bromofluorobenzene-2nd	174	14.917	14.917	(0.866)	1100708	50.0000	48.31
$	67 4-Bromofluorobenzene	95	14.936	14.936	(0.867)	1668679	50.0000	44.16
	68 Bromobenzene	156	15.173	15.173	(0.881)	1030073	50.0000	48.12
	69 1,1,2,2-Tetrachloroethane(**)	83	15.311	15.311	(0.889)	1313274	50.0000	43.22
	70 1,2,3-Trichloropropane	110	15.330	15.330	(0.890)	389832	50.0000	45.92
	71 n-Propylbenzene	91	15.488	15.488	(0.899)	3731693	50.0000	47.49
	72 2-Chlorotoluene	126	15.587	15.587	(0.905)	791781	50.0000	46.85
	73 4-Chlorotoluene	126	15.823	15.823	(0.918)	833446	50.0000	46.89
	74 1,3,5-Trimethylbenzene	105	15.862	15.862	(0.921)	2785320	50.0000	46.72
	75 tert-Butylbenzene	119	16.493	16.493	(0.957)	2903501	50.0000	47.52
	76 1,2,4-Trimethylbenzene	105	16.591	16.591	(0.963)	2802519	50.0000	46.83
	77 sec-Butylbenzene	105	16.946	16.946	(0.983)	3925246	50.0000	48.01
	78 1,3-Dichlorobenzene	146	17.094	17.094	(0.992)	1739208	50.0000	48.48
*	79 1,4-Dichlorobenzene-d4	152	17.232	17.232	(1.000)	1209566	50.0000	
	80 1,4-Dichlorobenzene	146	17.281	17.281	(1.003)	1865129	50.0000	49.06
	81 p-Isopropyltoluene	119	17.271	17.271	(1.002)	3148008	50.0000	49.50
	82 1,2-Dichlorobenzene	146	18.010	18.010	(1.045)	1666732	50.0000	48.23
	83 n-Butylbenzene	91	18.109	18.109	(1.051)	3184137	50.0000	49.33
	84 1,2-Dibromo-3-chloropropane	157	19.636	19.636	(1.140)	372302	50.0000	46.36
	85 1,2,4-Trichlorobenzene	180	21.350	21.350	(1.239)	1423420	50.0000	51.88
	86 Hexachlorobutadiene	225	21.764	21.764	(1.263)	986292	50.0000	65.87
	87 Napthalene	128	21.813	21.813	(1.266)	2505414	50.0000	48.21
	88 1,2,3-Trichlorobenzene	180	22.335	22.335	(1.296)	1341043	50.0000	53.01

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\DS2599.D
Date : 29-OCT-2000 19:48
Client ID:
Sample Info: 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13548.D
Lab Smp Id: LCS-1029BD Client Smp ID: D13548
Inj Date : 29-OCT-2000 20:29
Operator : AD Inst ID: md.i
Smp Info : LCS-1029BD,LCS,2,,0,1,0,8260BDA.M,D13548
Misc Info : 1282-1,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 20:13 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

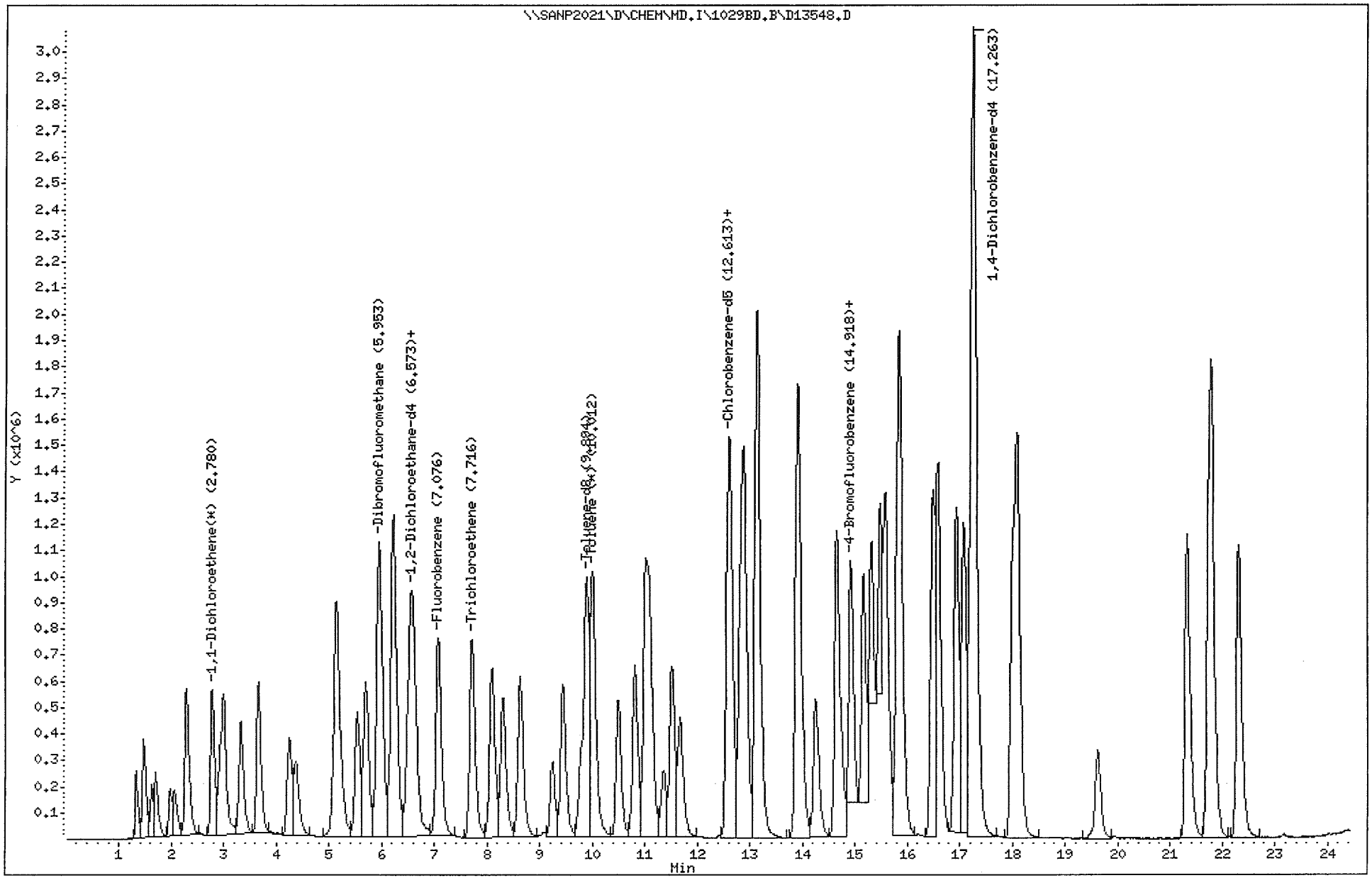
Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.780	2.779	(0.393)	578644	50.2978	50.30
$ 29 Dibromofluoromethane	111	5.972	5.971	(0.844)	1465720	52.5874	52.59
$ 33 1,2-Dichloroethane-d4	65	6.495	6.493	(0.918)	907160	44.6416	44.64
34 1,2-Dichloroethane-d4 2nd	102	6.504	6.503	(0.919)	229834	52.2977	52.30
35 Benzene	78	6.573	6.572	(0.929)	2099501	49.5603	49.56
* 38 Fluorobenzene	96	7.076	7.074	(1.000)	2357514	50.0000	
39 Trichloroethene	130	7.716	7.715	(1.091)	991357	53.8944	53.89
$ 47 Toluene-d8	98	9.894	9.902	(0.786)	2274480	50.9239	50.92
48 Toluene (*)	91	10.012	10.020	(0.796)	2389261	47.9170	47.92
* 56 Chlorobenzene-d5	117	12.583	12.582	(1.000)	1889269	50.0000	
57 Chlorobenzene (**)	112	12.632	12.631	(1.004)	1881001	49.0049	49.00
$ 67 4-Bromofluorobenzene	95	14.918	14.936	(0.866)	1662866	43.9401	43.94
66 4-Bromofluorobenzene-2nd	174	14.928	14.917	(0.866)	1098985	48.1538	48.15
* 79 1,4-Dichlorobenzene-d4	152	17.233	17.232	(1.000)	1211507	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13548.D
Date : 29-OCT-2000 20:29
Client ID: D13548
Sample Info: LCS-1029BD,LCS,2,,0,1,0,8260BDA.M,D13548

Instrument: md.i
Operator: AD
Column phase: J&W DB-624
Column diameter: 0.53



000548

BOE-C6-0175579

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13549.D
Lab Smp Id: MB-1029BD Client Smp ID: D13549
Inj Date : 29-OCT-2000 21:01
Operator : AD Inst ID: md.i
Smp Info : MB-1029BD,BLANK,2,,0,1,0,8260BDA.M,D13549
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.972	5.971	(0.843)	737015	43.9744	43.97	
$ 33 1,2-Dichloroethane-d4	65	6.504	6.493	(0.918)	372248	30.4636	30.46	
34 1,2-Dichloroethane-d4 2nd	102	6.504	6.503	(0.918)	91715	34.7059	34.70	
* 38 Fluorobenzene	96	7.086	7.074	(1.000)	1417626	50.0000		
$ 47 Toluene-d8	98	9.903	9.902	(0.786)	1350979	53.0980	53.10	
* 56 Chlorobenzene-d5	117	12.593	12.582	(1.000)	1076227	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.928	14.917	(0.866)	561937	47.0338	47.03	
$ 67 4-Bromofluorobenzene	95	14.928	14.936	(0.866)	867634	43.7950	43.79	
* 79 1,4-Dichlorobenzene-d4	152	17.243	17.232	(1.000)	634223	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13549.D
Lab Smp Id: MB-1029BD Client Smp ID: D13549
Inj Date : 29-OCT-2000 21:01
Operator : AD Inst ID: md.i
Smp Info : MB-1029BD,BLANK,2,,0,1,0,8260BDA.M,D13549
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.086	3314235	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.332	1718112	25.9201789	25.92	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1029BD
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13549
Sample Date:
Sample Point:
Date Received:
Level: LOW

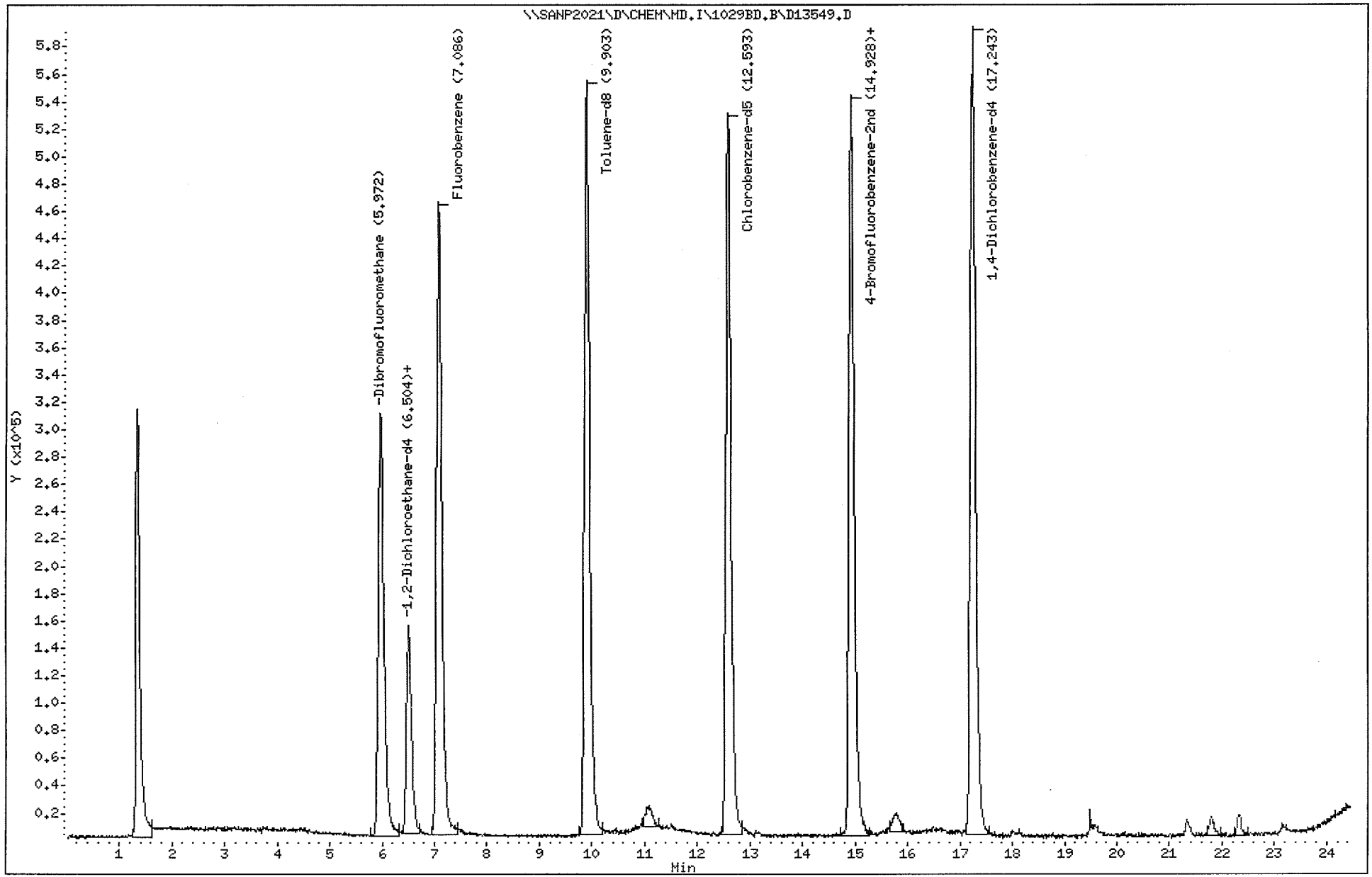
Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ alk	1.332	25.92	J

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13549.D
Date : 29-OCT-2000 21:01
Client ID: D13549
Sample Info: MB-1029BD,BLANK,2,,0,1,0,8260BDA.M,D13549

Instrument: md.i
Operator: AD
Column phase: J&W DB-624
Column diameter: 0.53



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000552

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13549.D

Date : 29-OCT-2000 21:01

Client ID: D13549

Instrument: md.i

Sample Info: MB-1029BD,BLANK,2,,0,1,0,8260BDA.M,D13549

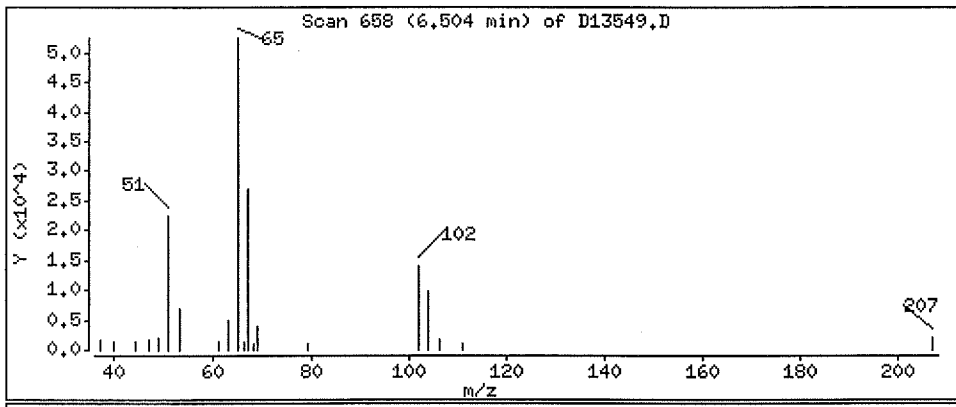
Operator: AD

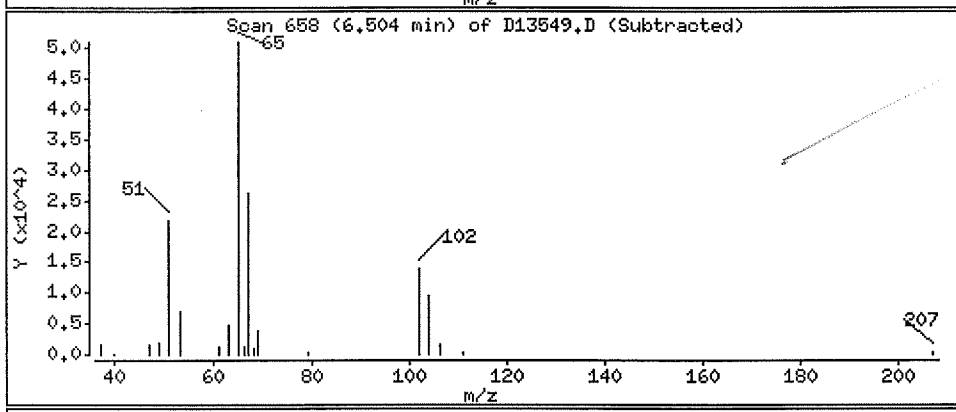
Column phase: J&W DB-624

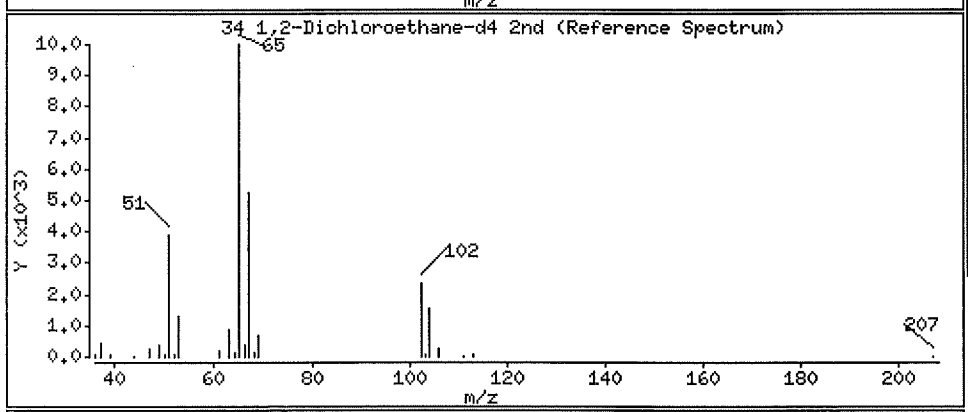
Column diameter: 0.53

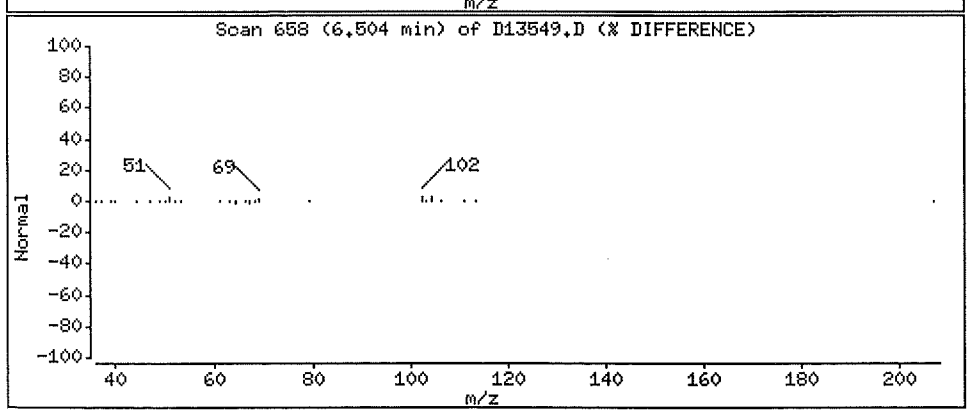
34 1,2-Dichloroethane-d4 2nd

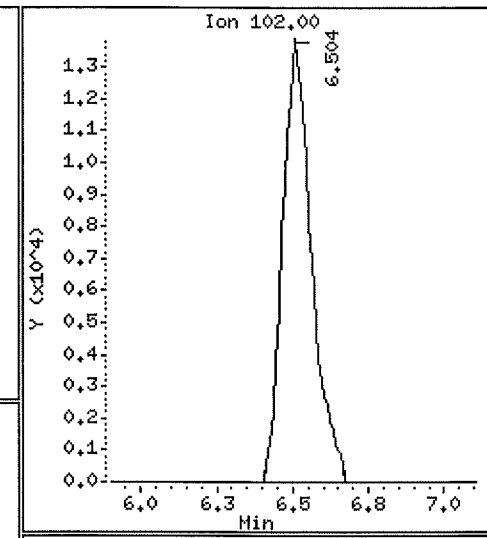
Concentration: 34.70 ug/Kg

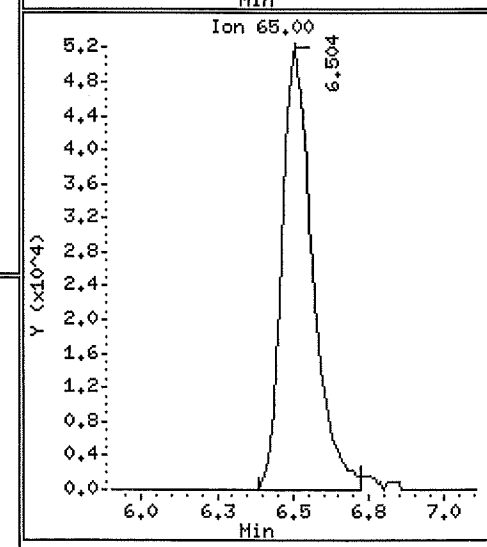












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13549.D

Date : 29-OCT-2000 21:01

Client ID: D13549

Instrument: md.i

Sample Info: MB-1029BD,BLANK,2,,0,1,0,8260BDA.M,D13549

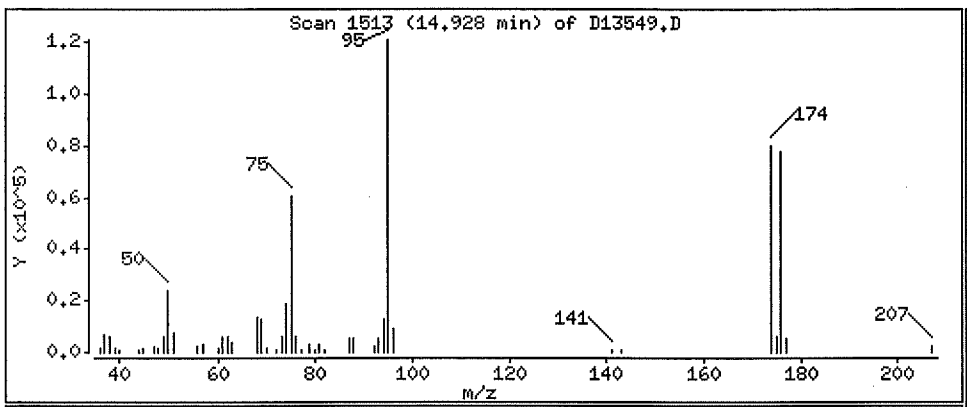
Operator: AD

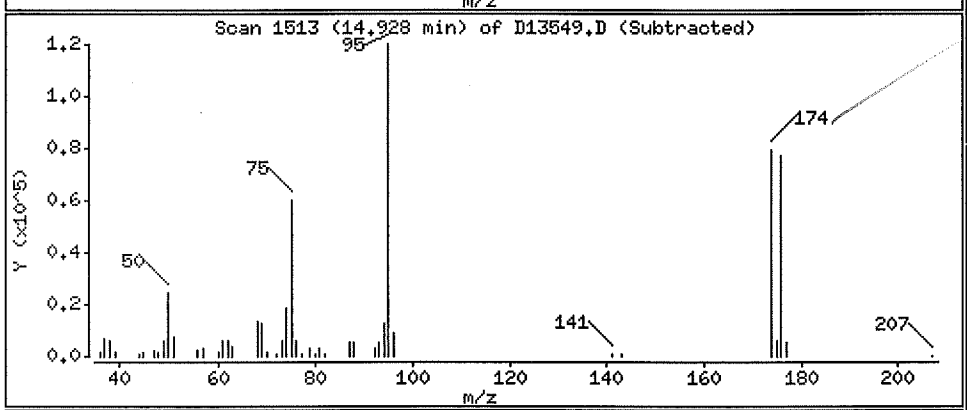
Column phase: J&W DB-624

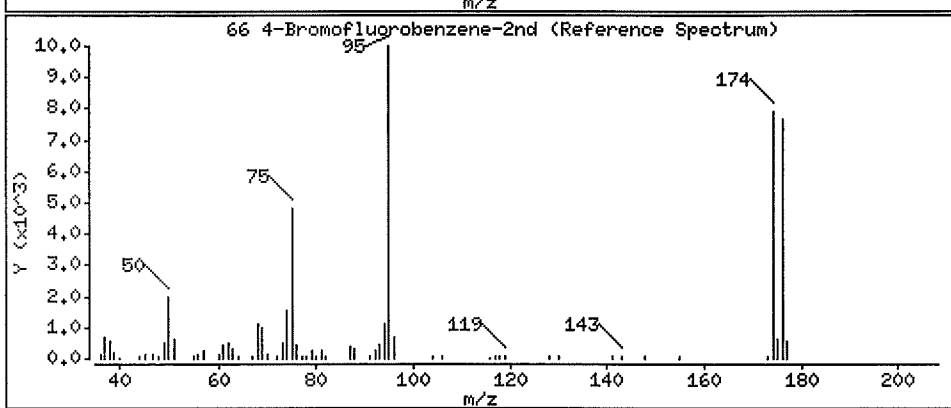
Column diameter: 0.53

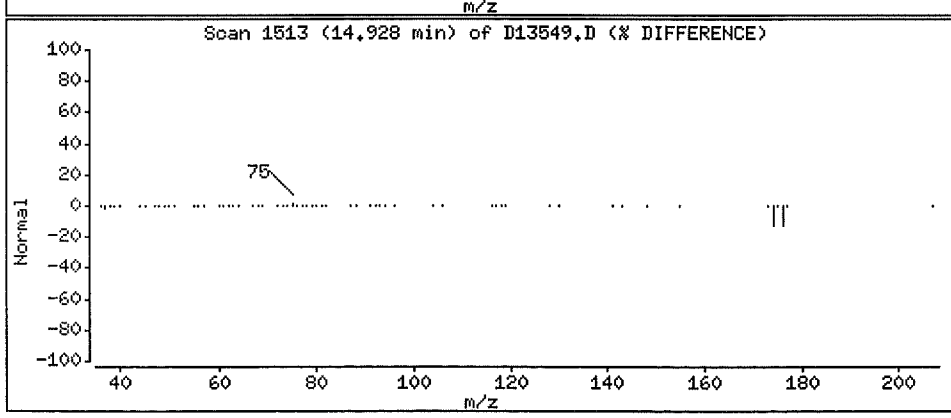
66 4-Bromofluorobenzene-2nd

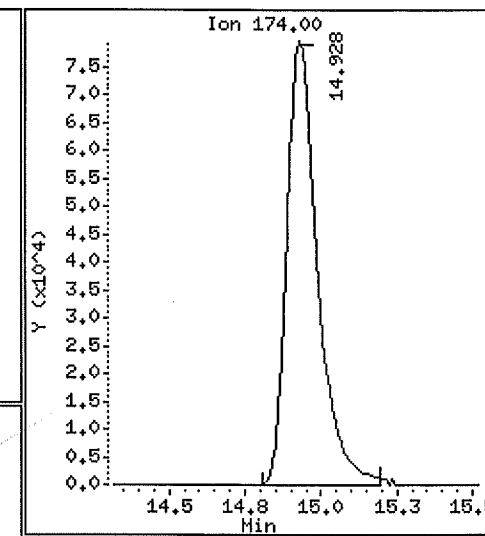
Concentration: 47.03 ug/Kg

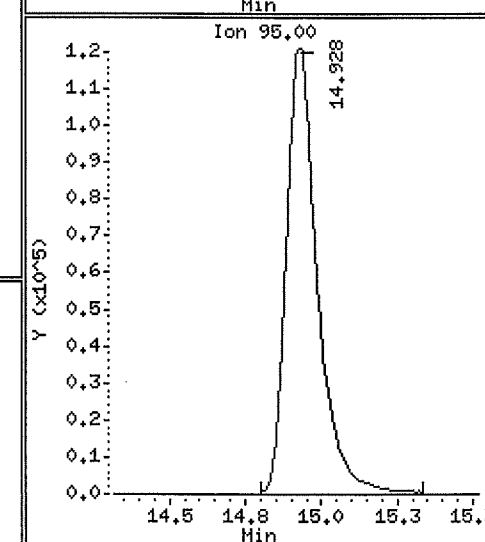


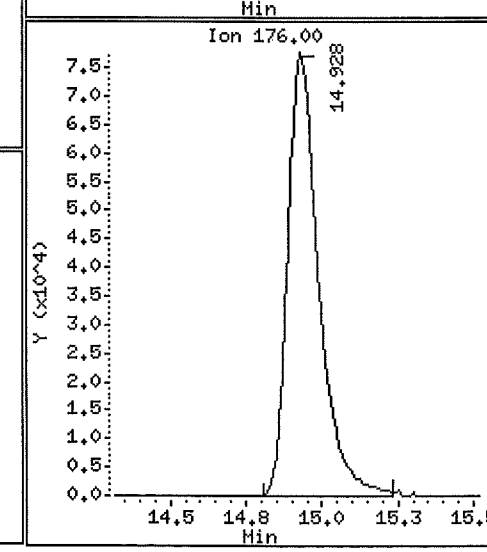












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13549.D

Date : 29-OCT-2000 21:01

Client ID: D13549

Instrument: md.i

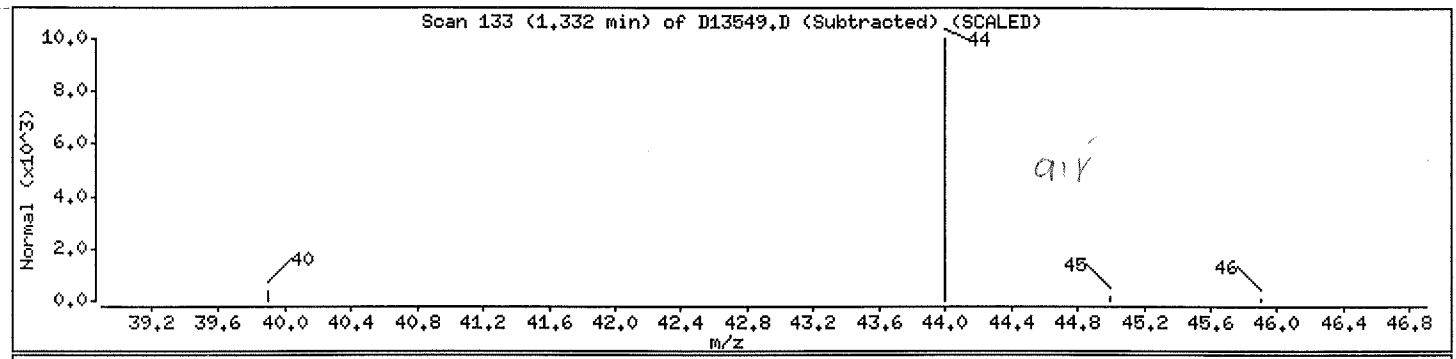
Sample Info: MB-1029BD,BLANK,2,,0,1,0,8260BDA.M,D13549

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13551.D
Lab Smp Id: DNCGC1AF Client Smp ID: D13551
Inj Date : 29-OCT-2000 22:06
Operator : AD Inst ID: md.i
Smp Info : DNCGC1AF,MS,2,,0,1,0,8260BDA.M,D13551
Misc Info : E0J180165-9S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 5 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.776	2.779	(0.393)	565967	50.2158	50.22
$ 29 Dibromofluoromethane	111	5.968	5.971	(0.844)	1439458	52.7158	52.72
$ 33 1,2-Dichloroethane-d4	65	6.500	6.493	(0.919)	874203	43.9116	43.91
34 1,2-Dichloroethane-d4 2nd	102	6.500	6.503	(0.919)	215362	50.0207	50.02
35 Benzene	78	6.569	6.572	(0.929)	2036720	49.0751	49.08
* 38 Fluorobenzene	96	7.071	7.074	(1.000)	2309631	50.0000	
39 Trichloroethene	130	7.712	7.715	(1.091)	979316	54.3436	54.34
$ 47 Toluene-d8	98	9.899	9.902	(0.786)	2233167	50.7869	50.79
48 Toluene (*)	91	10.017	10.020	(0.796)	2404266	48.9778	48.98
* 56 Chlorobenzene-d5	117	12.589	12.582	(1.000)	1859956	50.0000	
57 Chlorobenzene (**)	112	12.638	12.631	(1.004)	1863997	49.3272	49.33
$ 67 4-Bromofluorobenzene	95	14.933	14.936	(0.866)	1646112	43.7813	43.78
66 4-Bromofluorobenzene-2nd	174	14.923	14.917	(0.866)	1085509	47.8737	47.87
* 79 1,4-Dichlorobenzene-d4	152	17.239	17.232	(1.000)	1203652	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13551.D

Date : 29-OCT-2000 22:06

Client ID: D13551

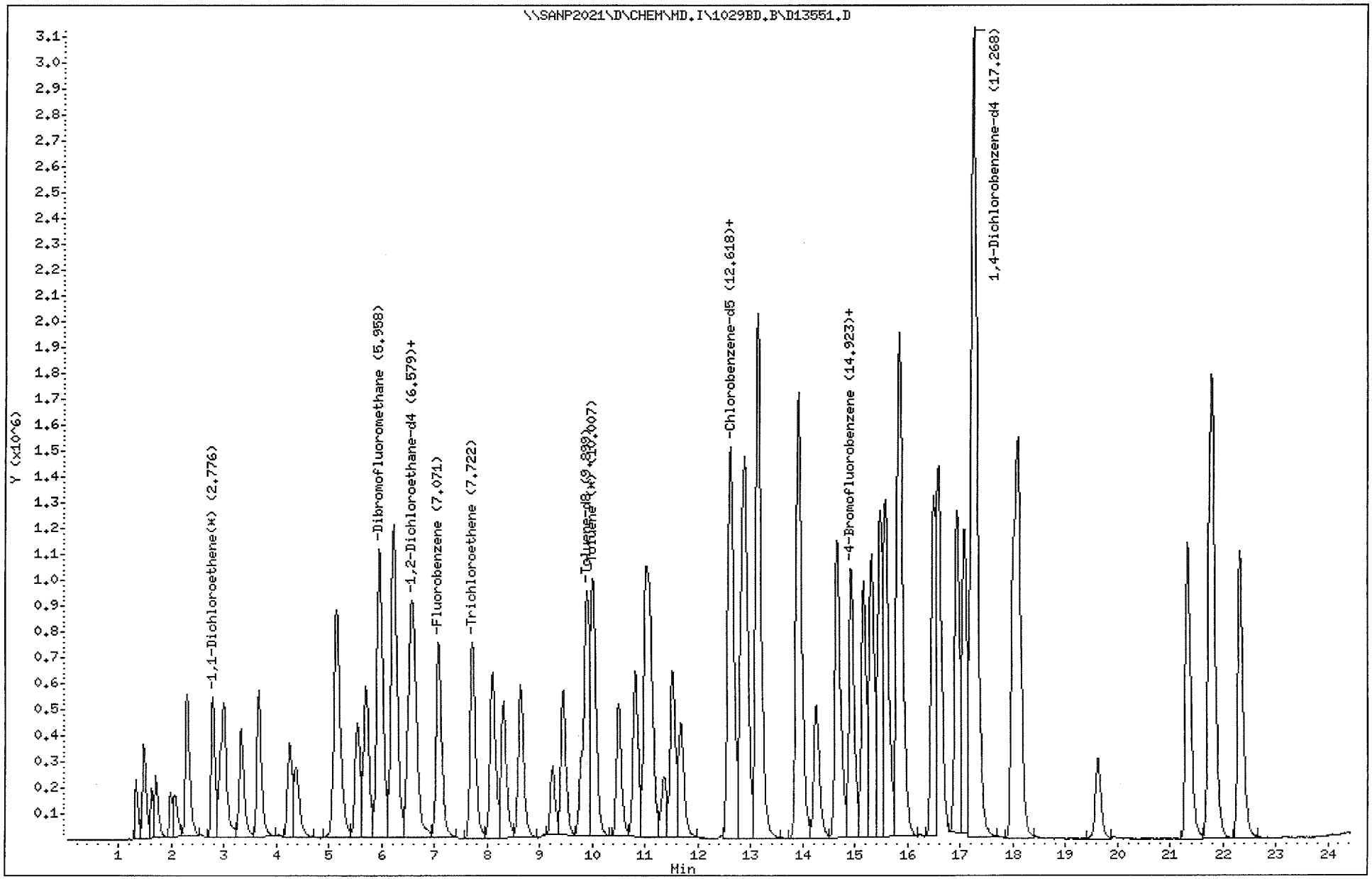
Sample Info: DNCGC1AF,MS,2,,0,1,0,8260BDA.M,D13551

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



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BOE-C6-0175588

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13552.D
Lab Smp Id: DNCGC1AG Client Smp ID: D13552
Inj Date : 29-OCT-2000 22:37
Operator : AD Inst ID: md.i
Smp Info : DNCGC1AG,MSD,2,,0,1,0,8260BDA.M,D13552
Misc Info : E0J180165-9D,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 6 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

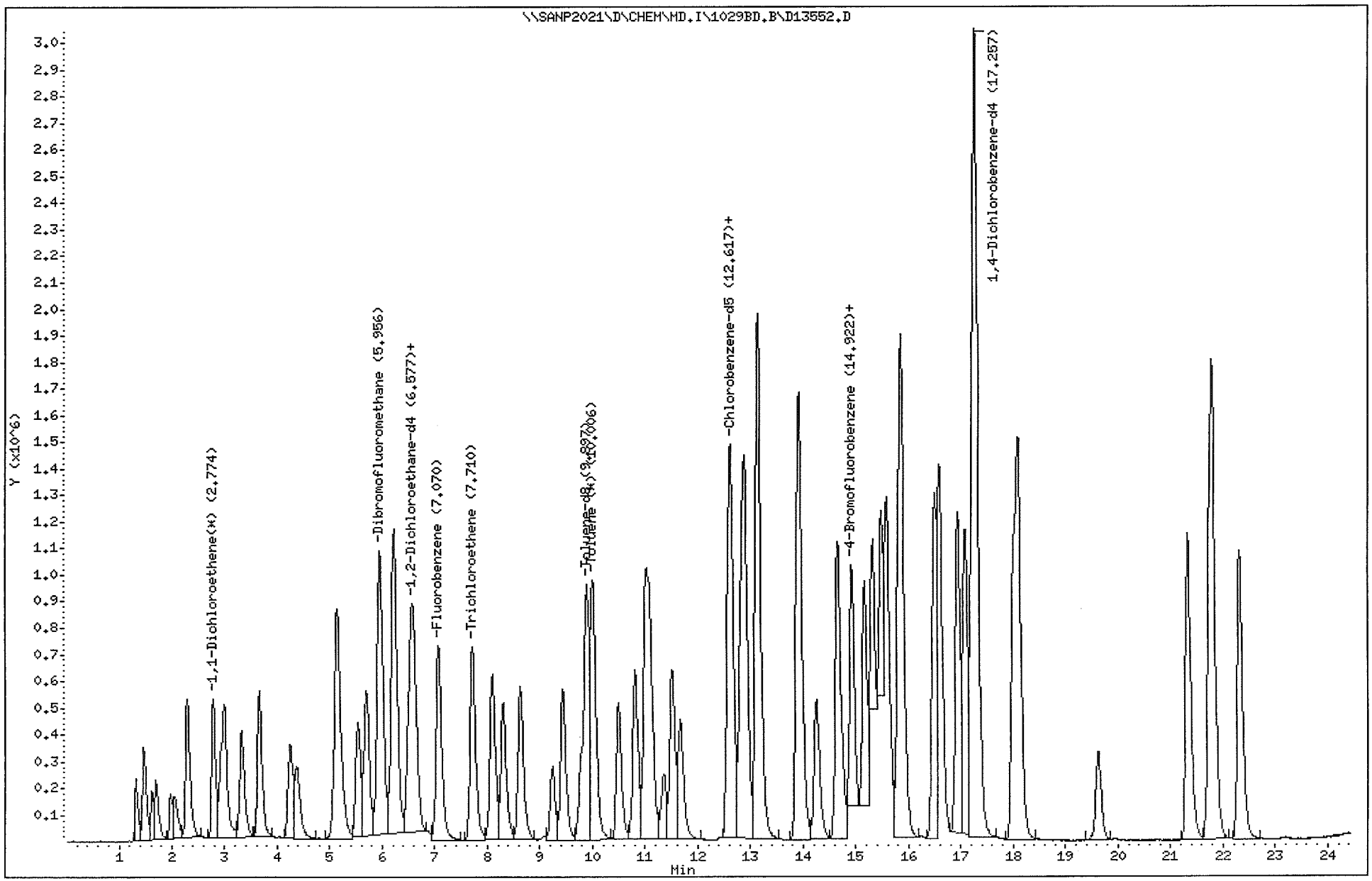
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.774	2.779	(0.392)	538651	48.2569	48.26
$ 29 Dibromofluoromethane	111	5.957	5.971	(0.843)	1416334	52.3734	52.37
$ 33 1,2-Dichloroethane-d4	65	6.498	6.493	(0.919)	872730	44.2639	44.26
34 1,2-Dichloroethane-d4 2nd	102	6.498	6.503	(0.919)	217418	50.9892	50.99
35 Benzene	78	6.567	6.572	(0.929)	1984377	48.2789	48.28
* 38 Fluorobenzene	96	7.070	7.074	(1.000)	2287386	50.0000	
39 Trichloroethene	130	7.710	7.715	(1.091)	957631	53.6570	53.66
$ 47 Toluene-d8	98	9.897	9.902	(0.786)	2204975	50.4222	50.42
48 Toluene (*)	91	10.016	10.020	(0.796)	2332021	47.7679	47.77
* 56 Chlorobenzene-d5	117	12.587	12.582	(1.000)	1849762	50.0000	
57 Chlorobenzene (**)	112	12.636	12.631	(1.004)	1828187	48.6462	48.65
$ 67 4-Bromofluorobenzene	95	14.922	14.936	(0.866)	1628956	43.3458	43.34
66 4-Bromofluorobenzene-2nd	174	14.922	14.917	(0.866)	1080480	47.6749	47.67
* 79 1,4-Dichlorobenzene-d4	152	17.227	17.232	(1.000)	1203073	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13552.D
Date : 29-OCT-2000 22:37
Client ID: D13552
Sample Info: DNCGC1AG,MSD,2,,0,1,0,8260BDA.M,D13552

Instrument: md.i

Operator: AD
Column phase: J&W DB-624
Column diameter: 0.53



BOE-C6-0175590

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13550.D
Lab Smp Id: DNCGC1AE Client Smp ID: D13550
Inj Date : 29-OCT-2000 21:35
Operator : AD Inst ID: md.i
Smp Info : DNCGC1AE,,2,,0,1,0,8260BDA.M,D13550
Misc Info : E0J180165-9,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.869	2.867	(0.405)	17290	5.95367	5.95
$ 29 Dibromofluoromethane	111	5.982	5.971	(0.844)	1303653	49.2249	49.22
$ 33 1,2-Dichloroethane-d4	65	6.514	6.493	(0.919)	816675	42.2957	42.30
34 1,2-Dichloroethane-d4 2nd	102	6.514	6.503	(0.919)	202389	48.4672	48.47
36 1,2-Dichloroethane	62	7.095	6.631	(1.001)	35230	1.64291	1.64(aQ)
* 38 Fluorobenzene	96	7.085	7.074	(1.000)	2240074	50.0000	
$ 47 Toluene-d8	98	9.903	9.902	(0.786)	2151664	49.1583	49.16
* 56 Chlorobenzene-d5	117	12.593	12.582	(1.000)	1851448	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.938	14.917	(0.866)	1025603	46.9955	47.00
$ 67 4-Bromofluorobenzene	95	14.928	14.936	(0.866)	1566729	43.2949	43.29
* 79 1,4-Dichlorobenzene-d4	152	17.243	17.232	(1.000)	1158478	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13550.D
Lab Smp Id: DNCGC1AE Client Smp ID: D13550
Inj Date : 29-OCT-2000 21:35
Operator : AD Inst ID: md.i
Smp Info : DNCGC1AE,,2,,0,1,0,8260BDA.M,D13550
Misc Info : E0J180165-9,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.085	5198573	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	1423015	13.6865947	13.69	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCGC1AE
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13550
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.322	13.69	J

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13550.D

Date : 29-OCT-2000 21:35

Client ID: D13550

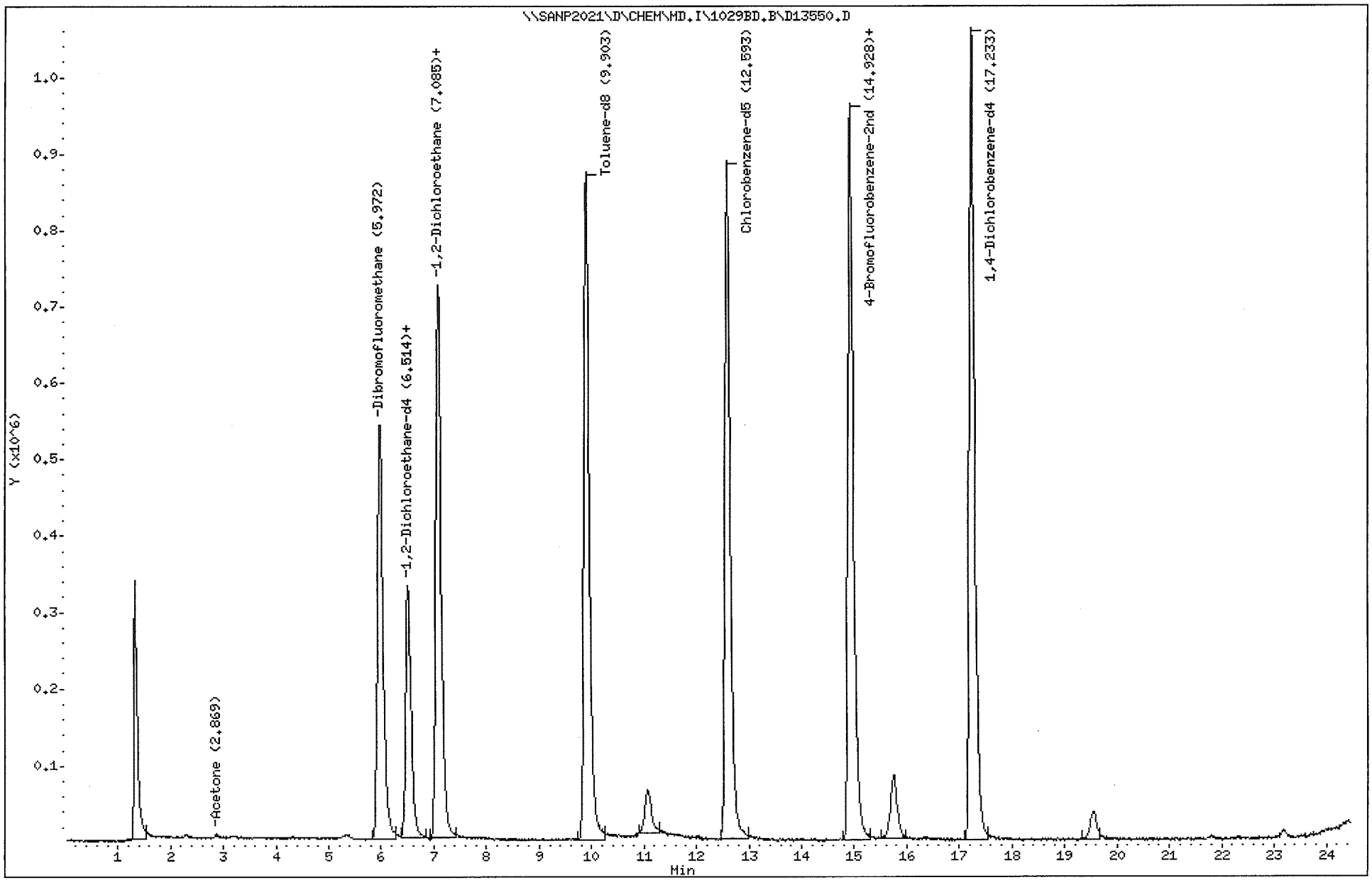
Sample Info: DNCGC1AE,,2,,0,1,0,8260BDA.M,D13550

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



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BOE-C6-0175595

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13550.D

Date : 29-OCT-2000 21:35

Client ID: D13550

Instrument: md.i

Sample Info: DNCGC1AE,,2,,0,1,0,8260BDA.M,D13550

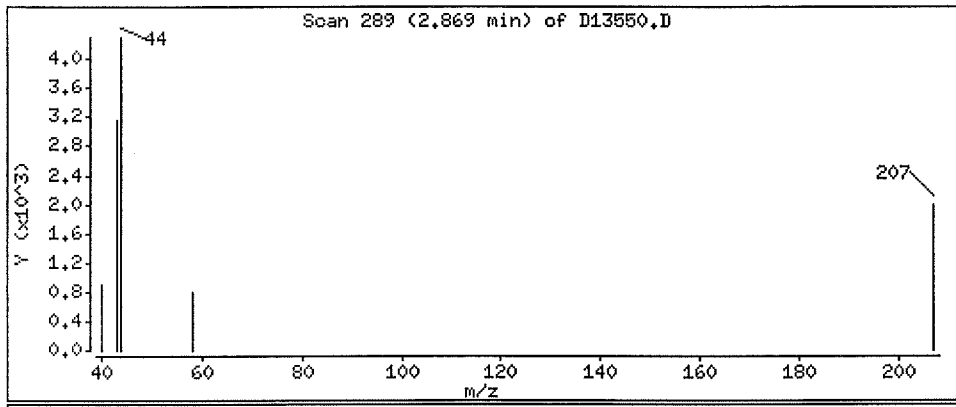
Operator: AD

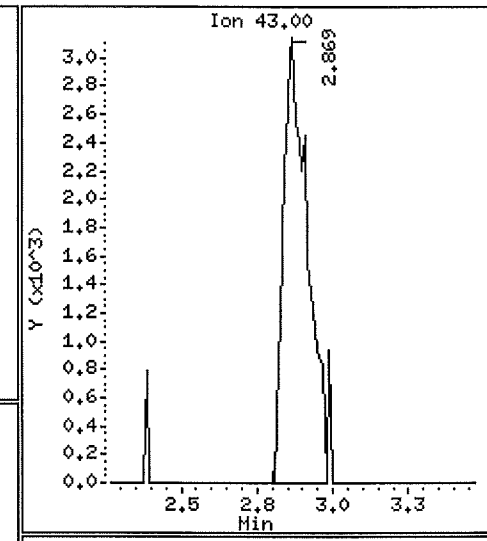
Column phase: J&W DB-624

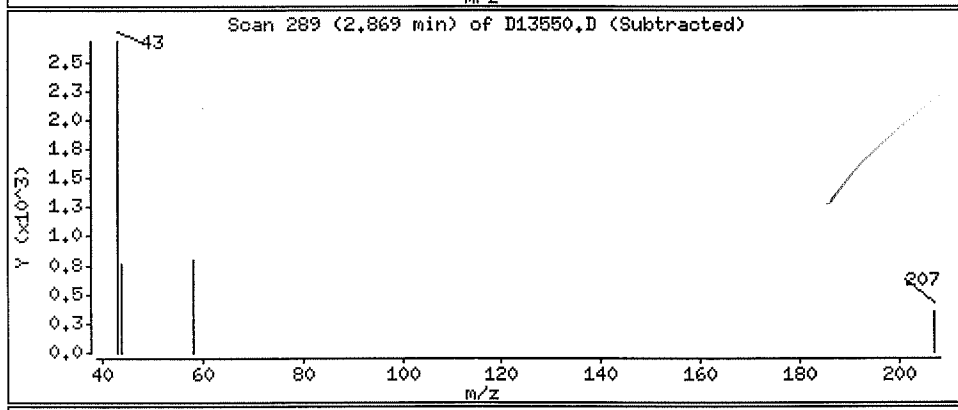
Column diameter: 0.53

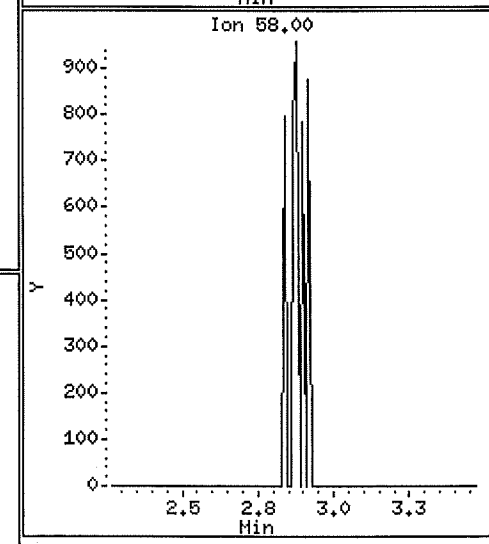
10 Acetone

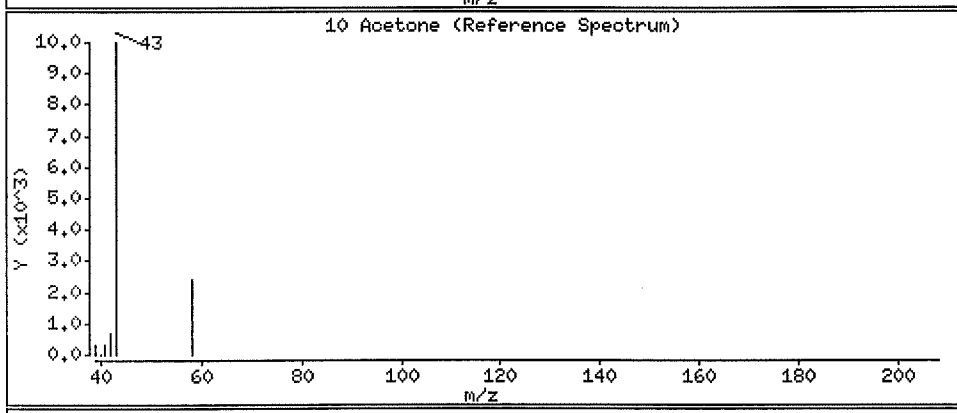
Concentration: 5.95 ug/Kg

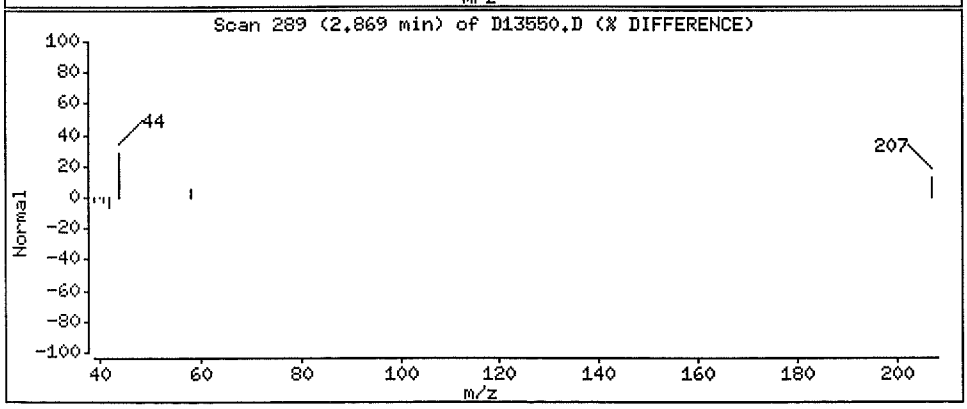












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13550.D

Date : 29-OCT-2000 21:35

Client ID: D13550

Instrument: md.i

Sample Info: DNCGC1AE,,2,,0,1,0,8260BDA.M,D13550

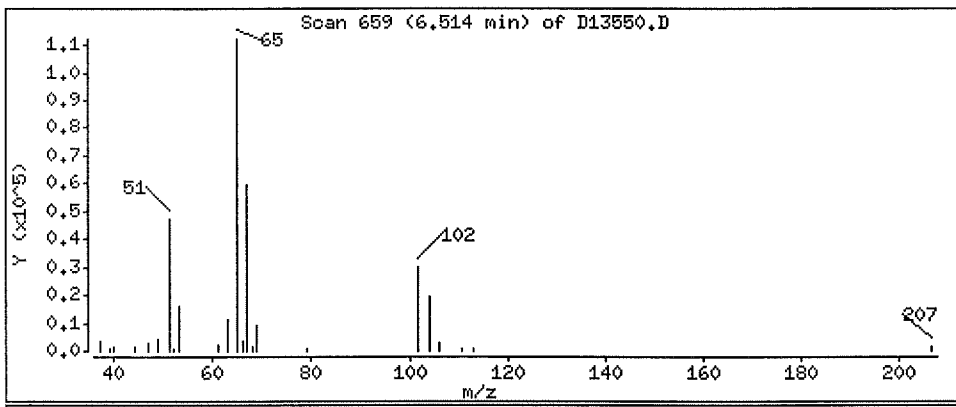
Operator: AD

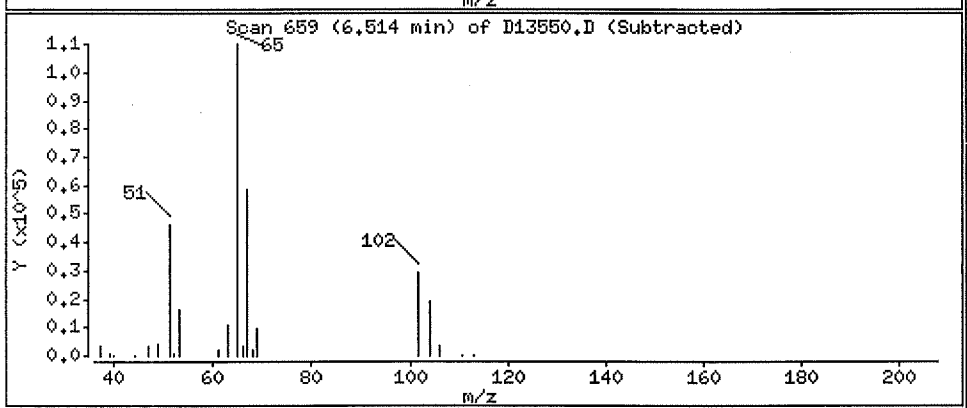
Column phase: J&W DB-624

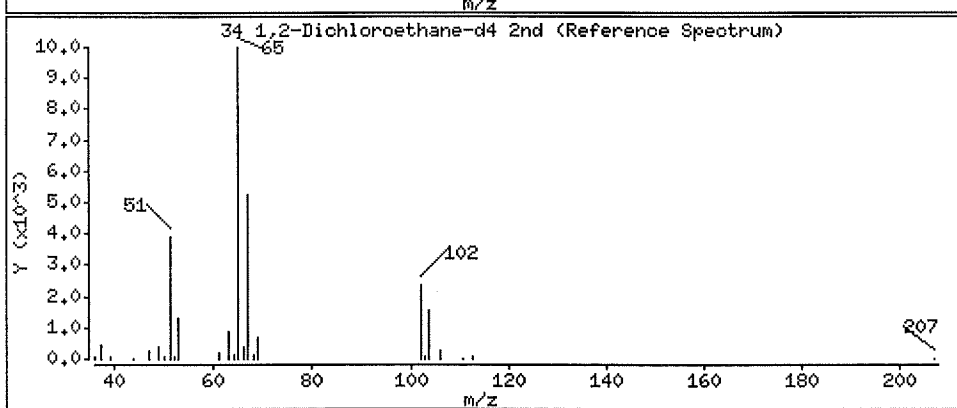
Column diameter: 0.53

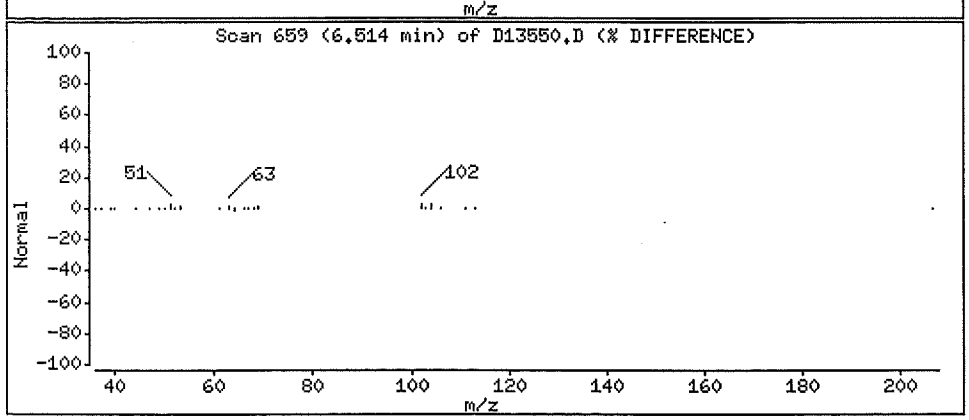
34 1,2-Dichloroethane-d4 2nd

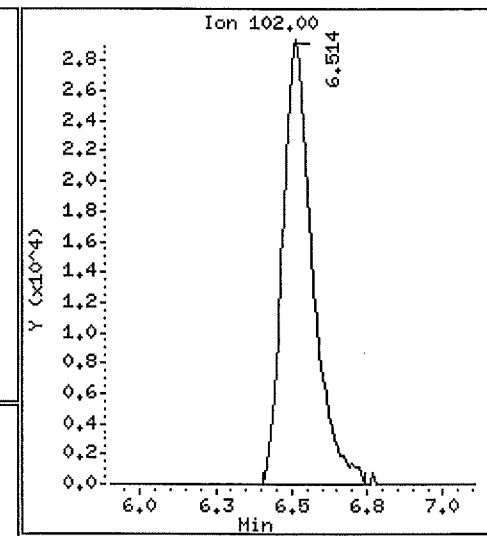
Concentration: 48.47 ug/Kg

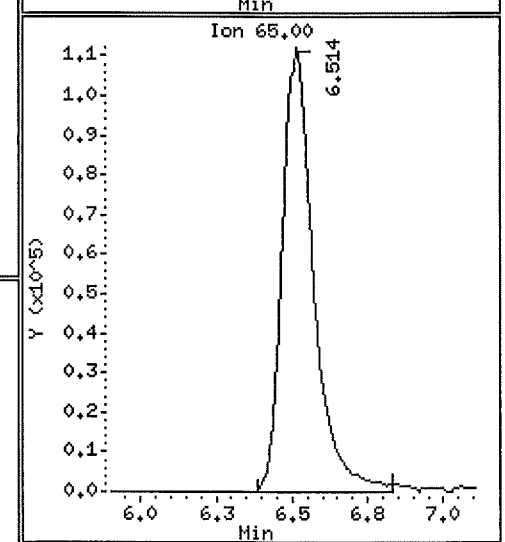












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13550.D

Date : 29-OCT-2000 21:35

Client ID: D13550

Instrument: md.i

Sample Info: DNCGC1AE,,2,,0,1,0,8260BDA.M,D13550

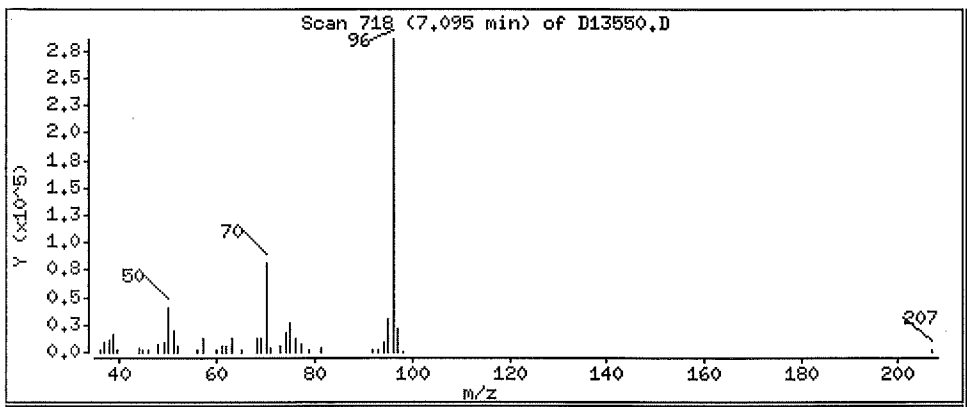
Operator: AD

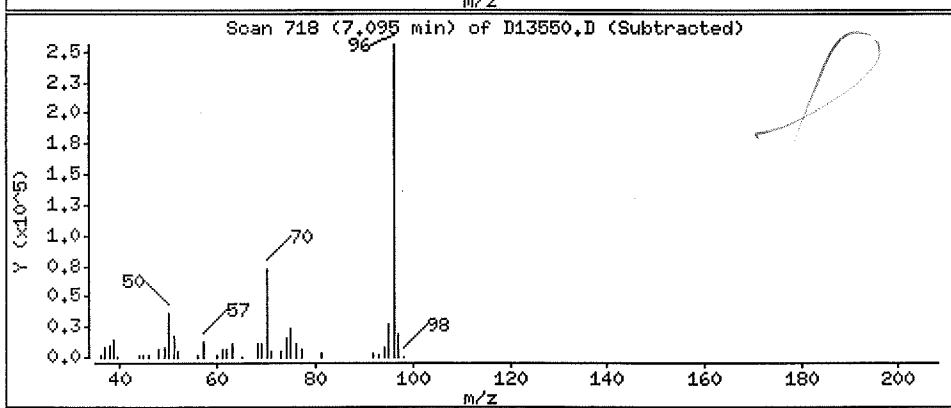
Column phase: J&W DB-624

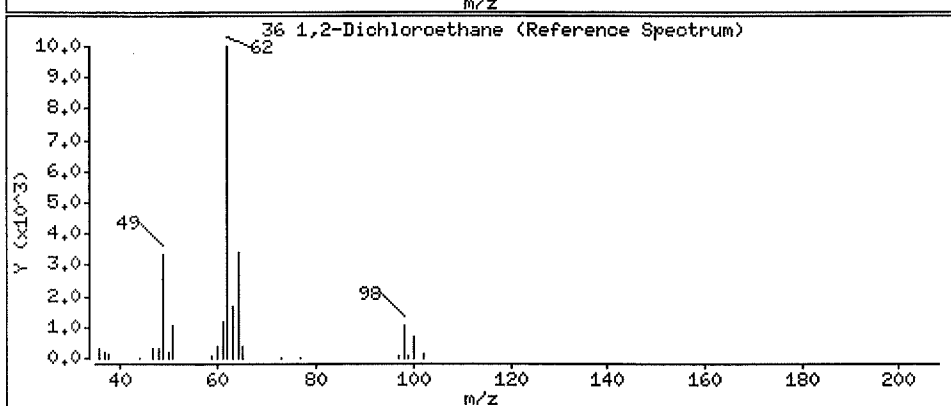
Column diameter: 0.53

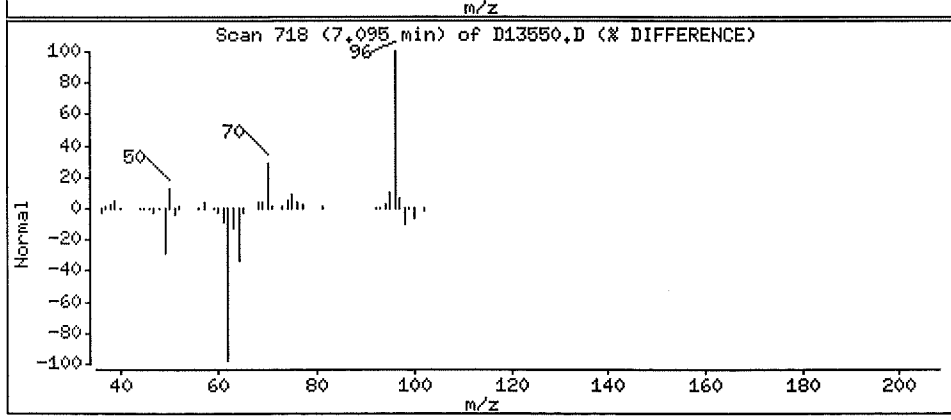
36 1,2-Dichloroethane

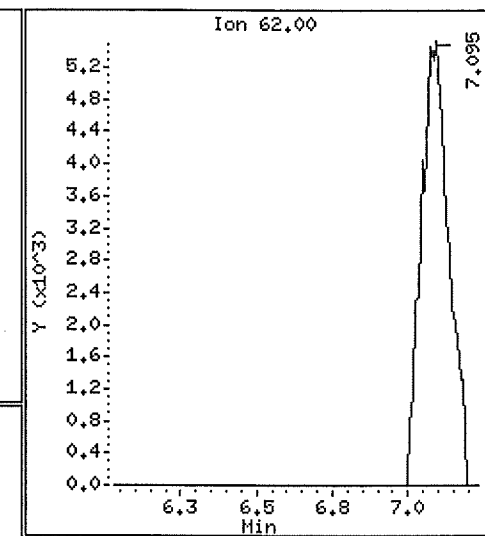
Concentration: 1.64 ug/Kg

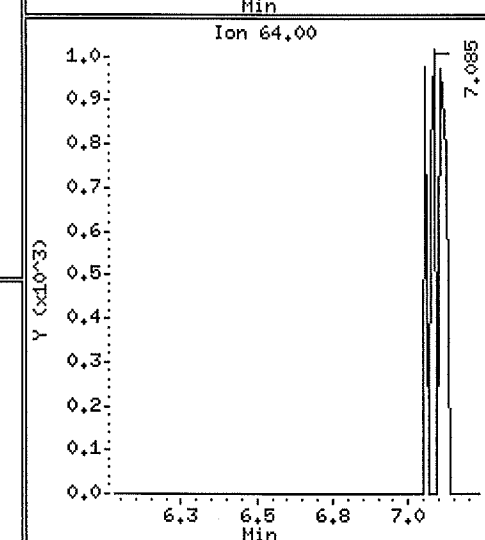


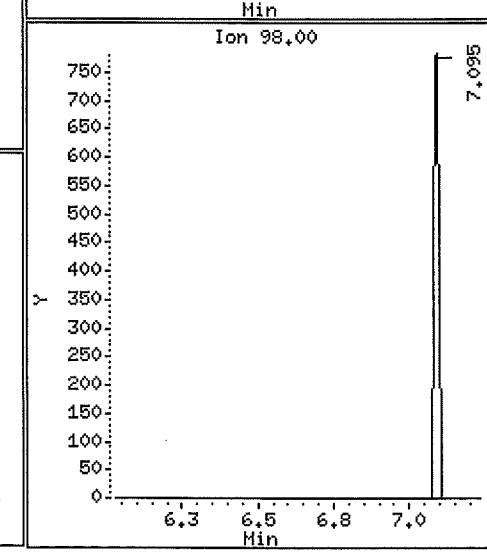












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13550.D

Date : 29-OCT-2000 21:35

Client ID: D13550

Instrument: md.i

Sample Info: DNCGC1AE,,2,,0,1,0,8260BDA.M,D13550

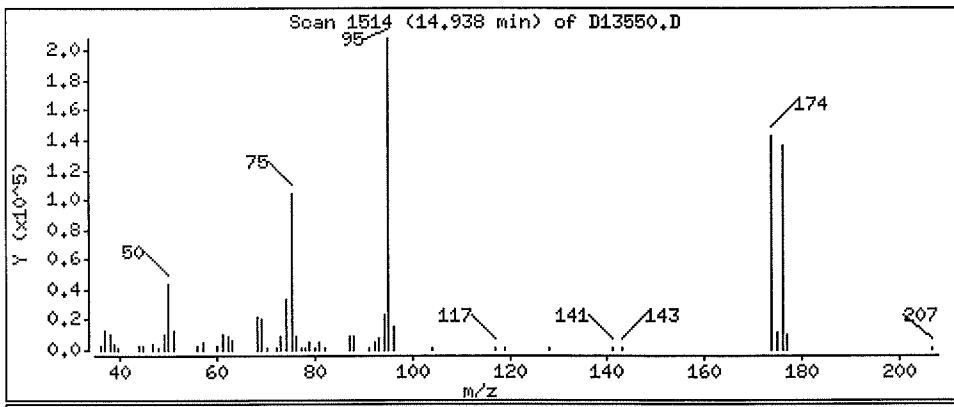
Operator: AD

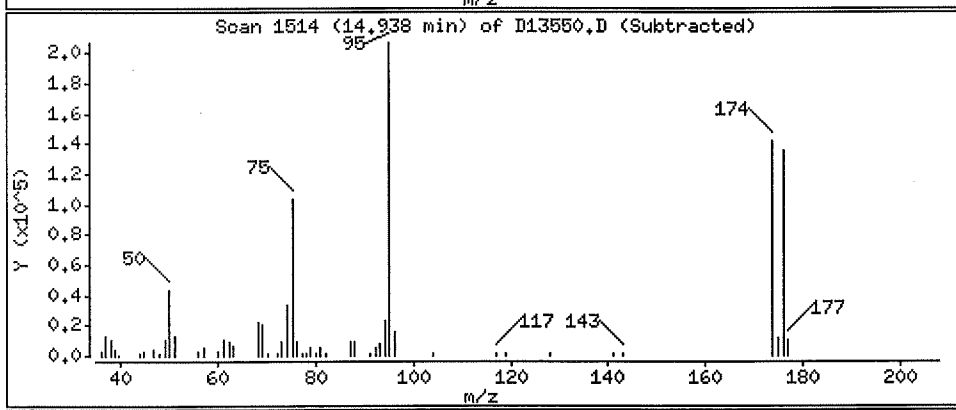
Column phase: J&W DB-624

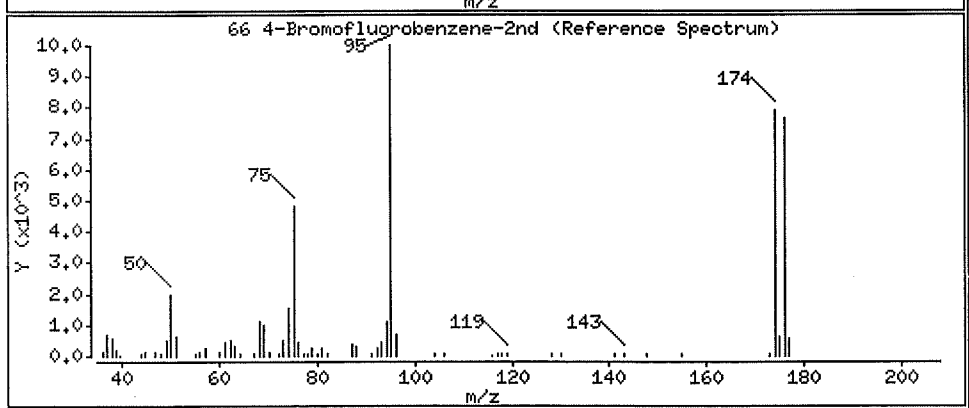
Column diameter: 0.53

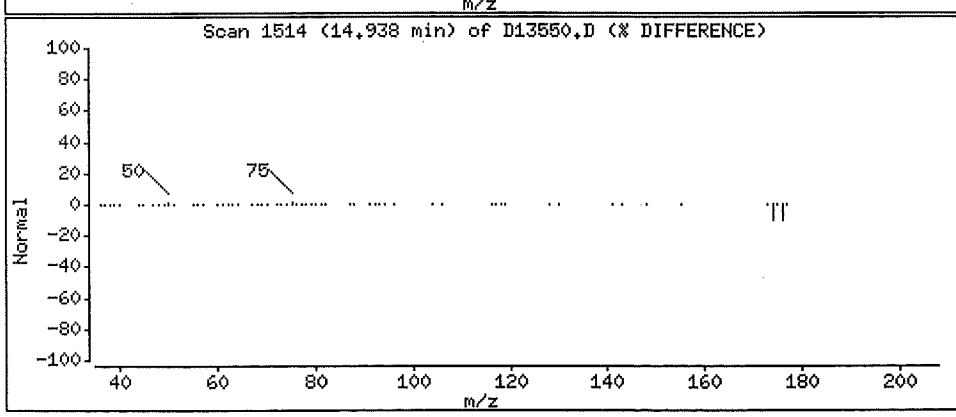
66 4-Bromofluorobenzene-2nd

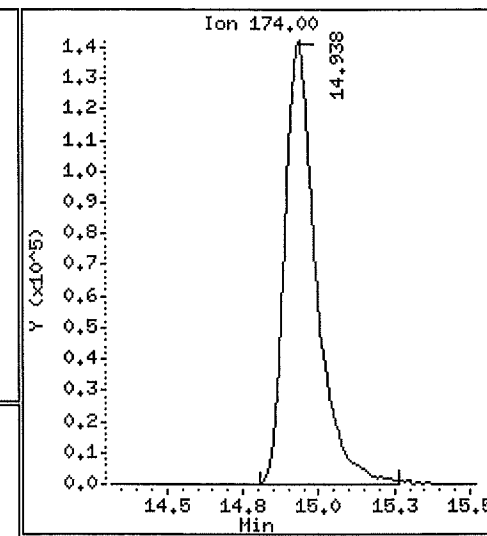
Concentration: 47.00 ug/Kg

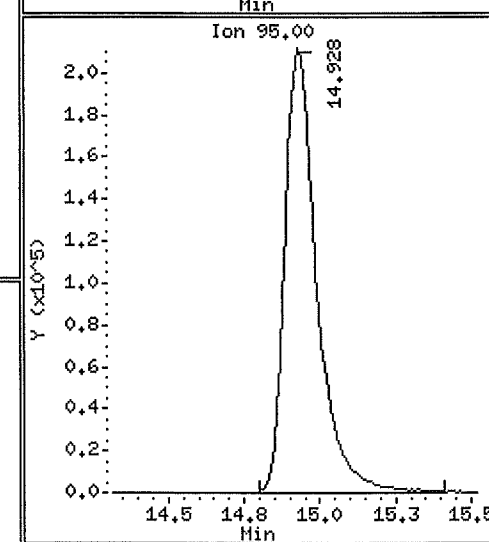


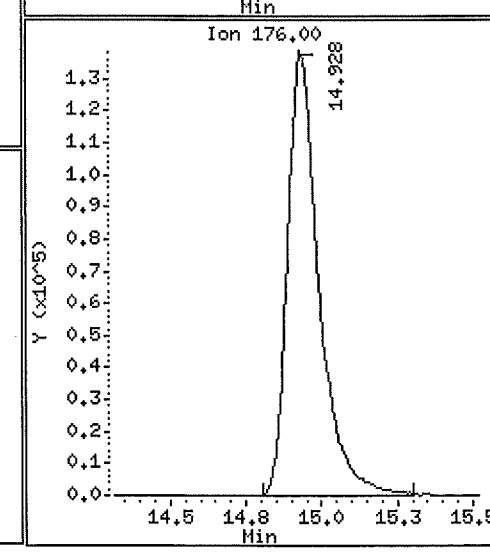












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13550.D

Date : 29-OCT-2000 21:35

Client ID: D13550

Instrument: md.i

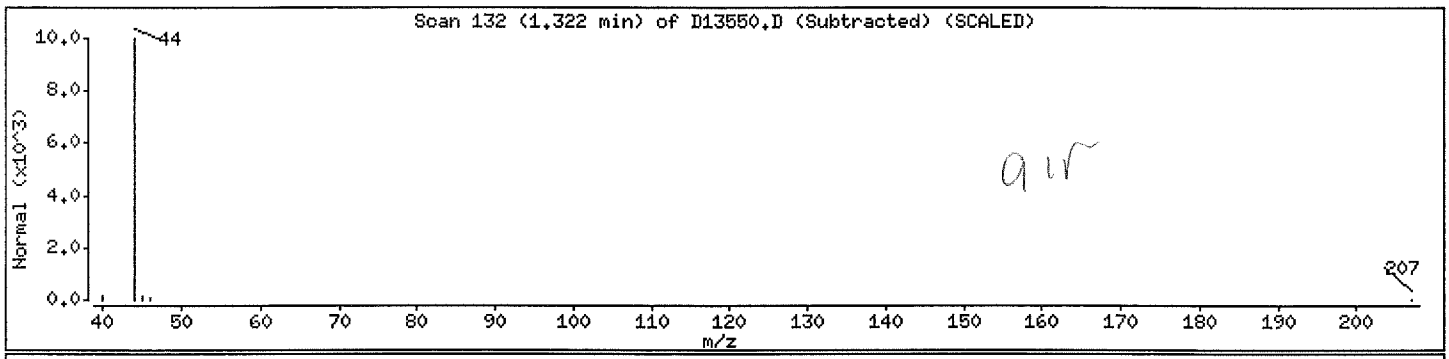
Sample Info: DNCGC1AE,,2,,0,1,0,8260BDA.M,D13550

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13553.D
Lab Smp Id: DNCGF1A1 Client Smp ID: D13553
Inj Date : 29-OCT-2000 23:09
Operator : AD Inst ID: md.i
Smp Info : DNCGF1A1,,2,,0,1,0,8260BDA.M,D13553
Misc Info : E0J180165-10,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.850	2.867	(0.402)	22469	7.63742	7.64(Q)
$ 29 Dibromofluoromethane	111	5.973	5.971	(0.843)	1275742	47.5514	47.55
$ 33 1,2-Dichloroethane-d4	65	6.515	6.493	(0.919)	852525	43.5846	43.58
34 1,2-Dichloroethane-d4 2nd	102	6.515	6.503	(0.919)	210672	49.8018	49.80
36 1,2-Dichloroethane	62	7.086	6.631	(1.000)	35970	1.65582	1.66(aQ)
* 38 Fluorobenzene	96	7.086	7.074	(1.000)	2269259	50.0000	
$ 47 Toluene-d8	98	9.904	9.902	(0.787)	2204866	48.6324	48.63
* 56 Chlorobenzene-d5	117	12.584	12.582	(1.000)	1917740	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.929	14.917	(0.866)	1065293	46.7563	46.76
$ 67 4-Bromofluorobenzene	95	14.929	14.936	(0.866)	1628530	43.1055	43.10
* 79 1,4-Dichlorobenzene-d4	152	17.234	17.232	(1.000)	1209465	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13553.D
Lab Smp Id: DNCGF1A1 Client Smp ID: D13553
Inj Date : 29-OCT-2000 23:09
Operator : AD Inst ID: md.i
Smp Info : DNCGF1A1,,2,,0,1,0,8260BDA.M,D13553
Misc Info : E0J180165-10,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.086	5278346	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.323	669114	6.33829231	6.34	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCGF1A1
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13553
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

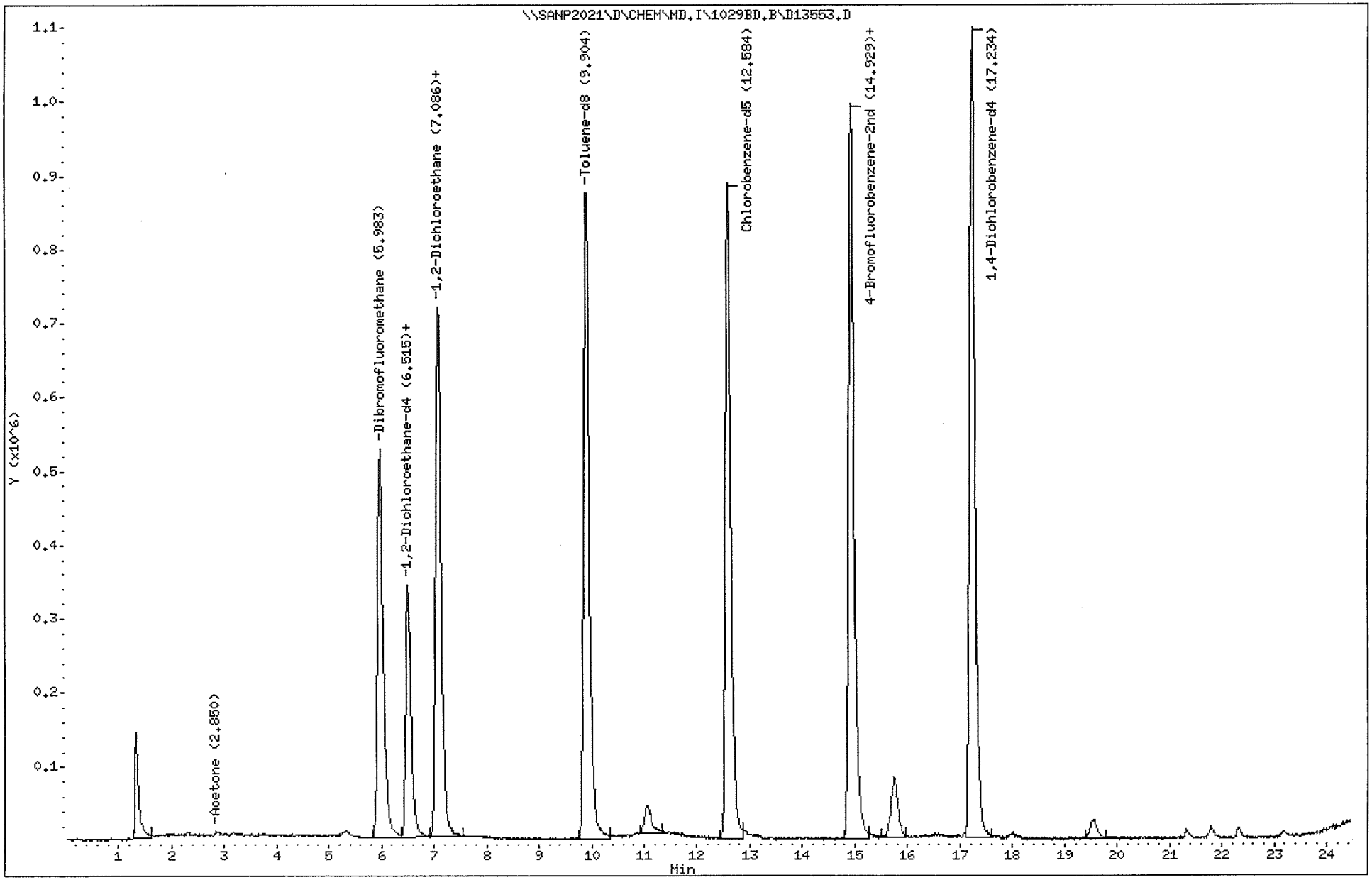
CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.323	6.34	J

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13553.D
Date : 29-OCT-2000 23:09
Client ID: D13553
Sample Info: DNCGF1A1,,2,,0,1,0,8260BDA.M,D13553

Instrument: md.i

Operator: AD
Column phase: J&W DB-624
Column diameter: 0.53



BOE-C6-0175605

000574

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13553.D

Date : 29-OCT-2000 23:09

Client ID: D13553

Instrument: md.i

Sample Info: DNCGF1A1,,2,,0,1,0,8260BDA.M,D13553

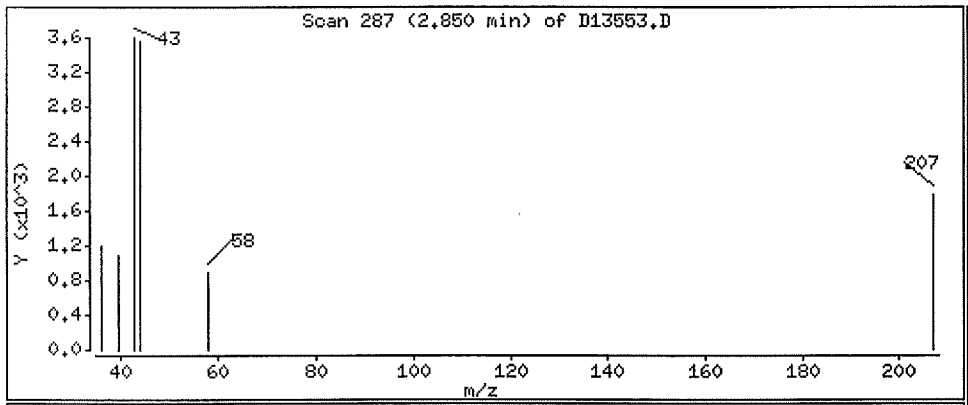
Operator: AD

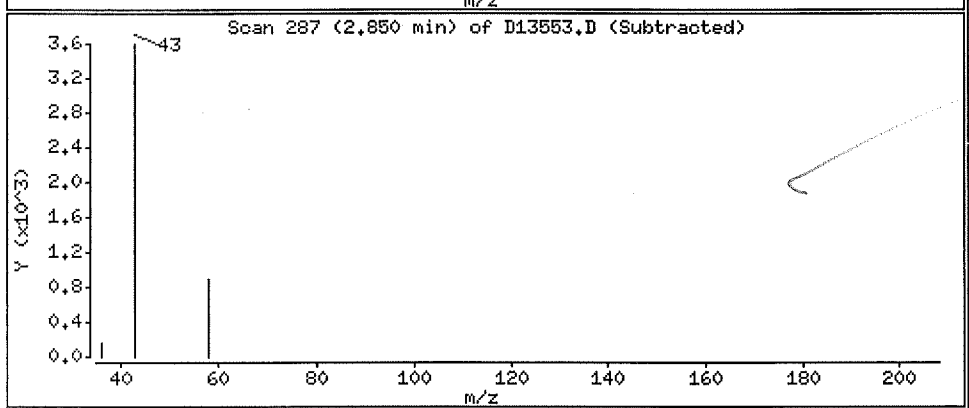
Column phase: J&W DB-624

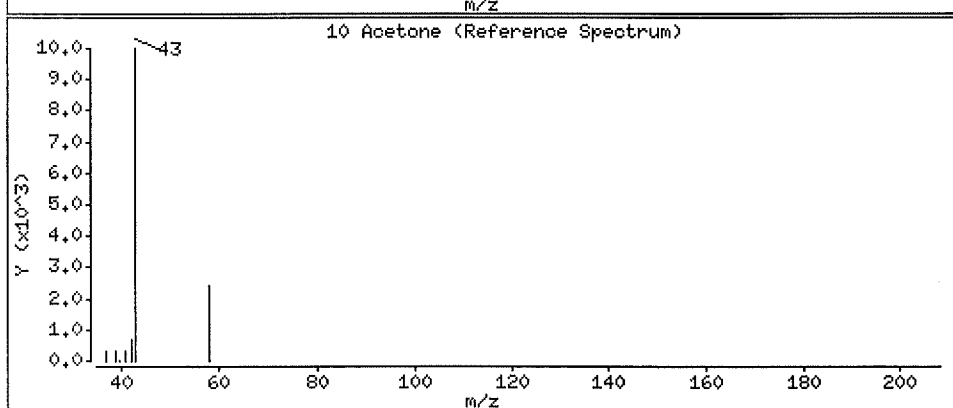
Column diameter: 0.53

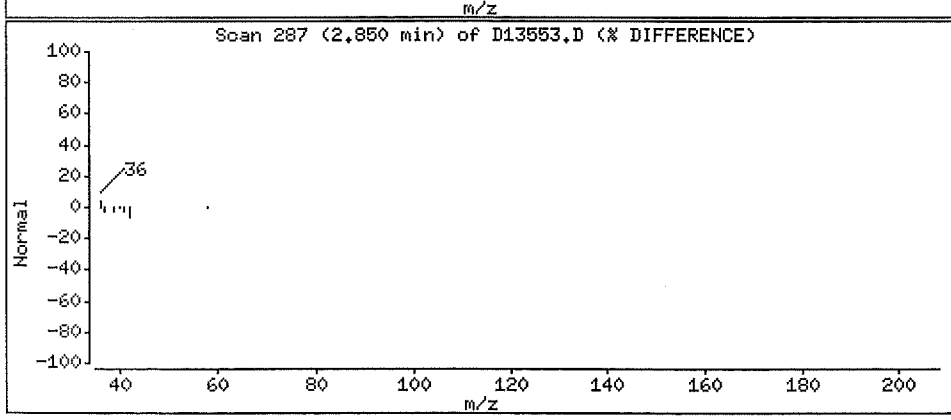
10 Acetone

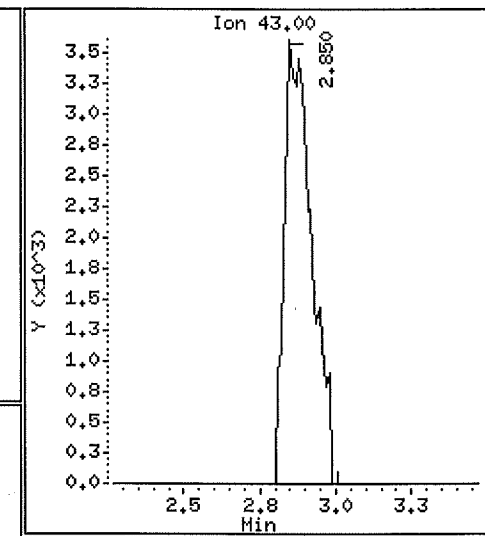
Concentration: 7.64 ug/Kg

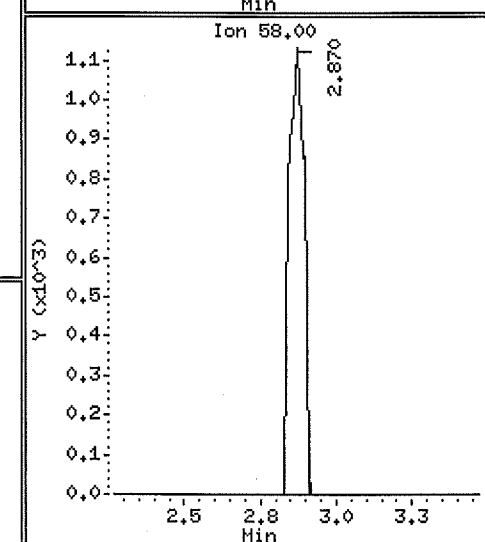












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13553.D

Date : 29-OCT-2000 23:09

Client ID: D13553

Instrument: md.i

Sample Info: DNCGF1A1,,2,,0,1,0,8260BDA.M,D13553

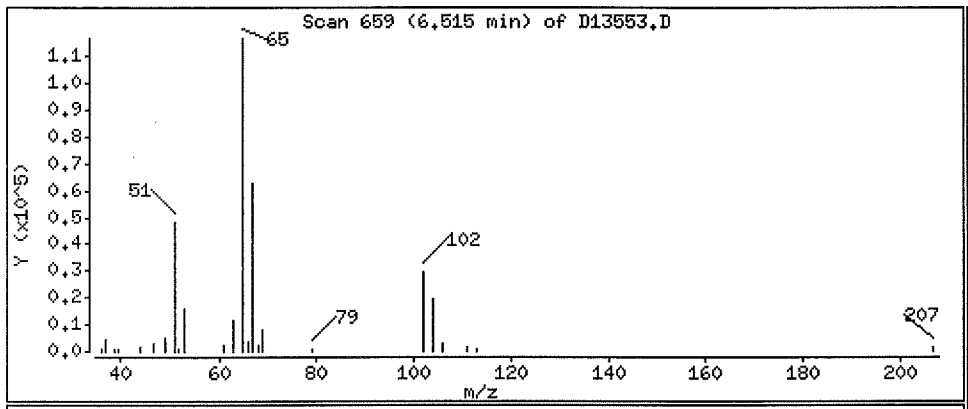
Operator: AD

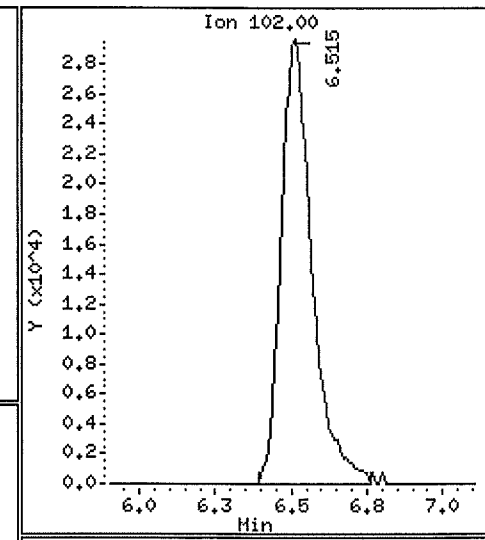
Column phase: J&W DB-624

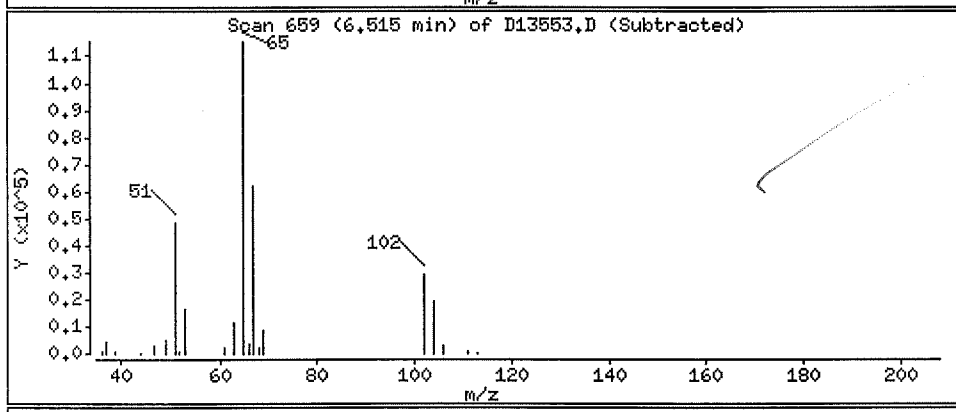
Column diameter: 0.53

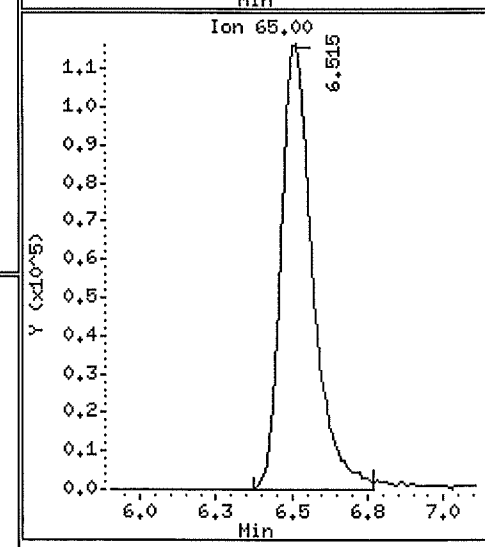
34 1,2-Dichloroethane-d4 2nd

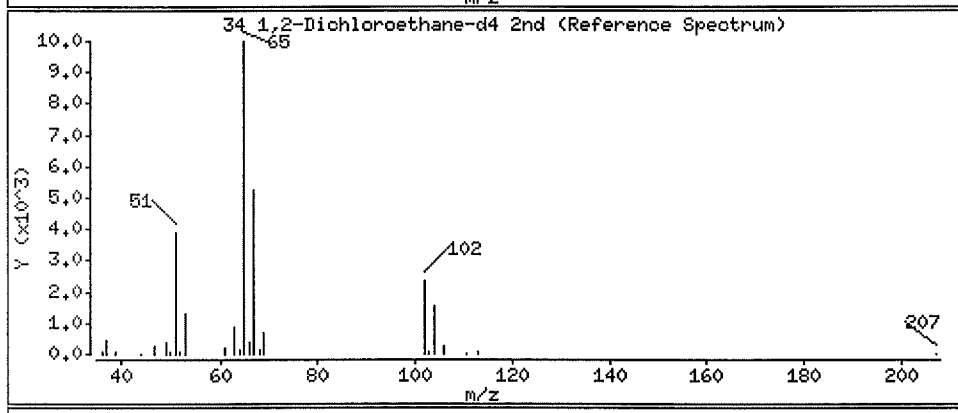
Concentration: 49.80 ug/Kg

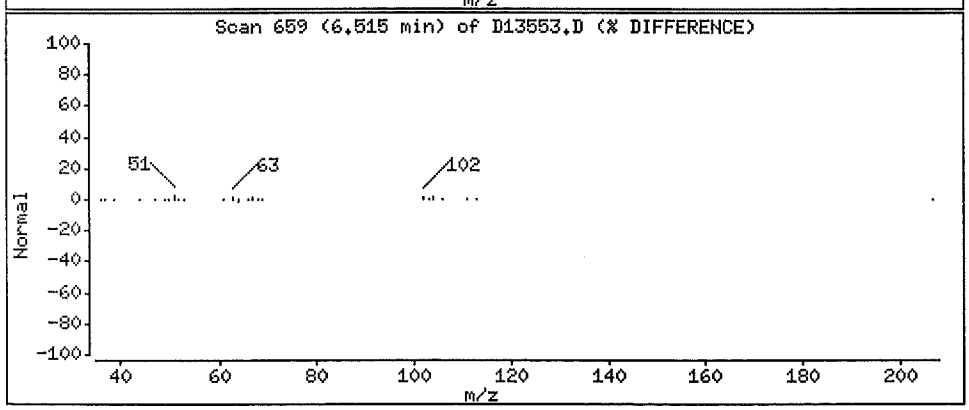












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13553.D

Date : 29-OCT-2000 23:09

Client ID: D13553

Instrument: md.i

Sample Info: DNCGF1A1,,2,,0,1,0,8260BDA.M,D13553

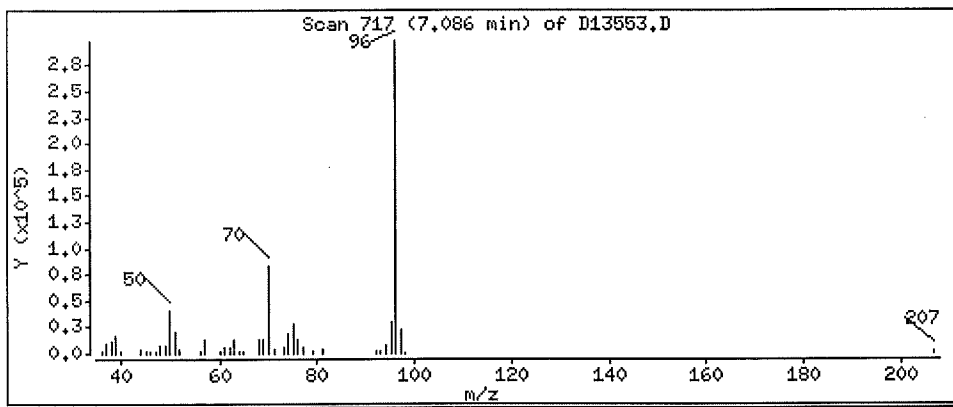
Operator: AD

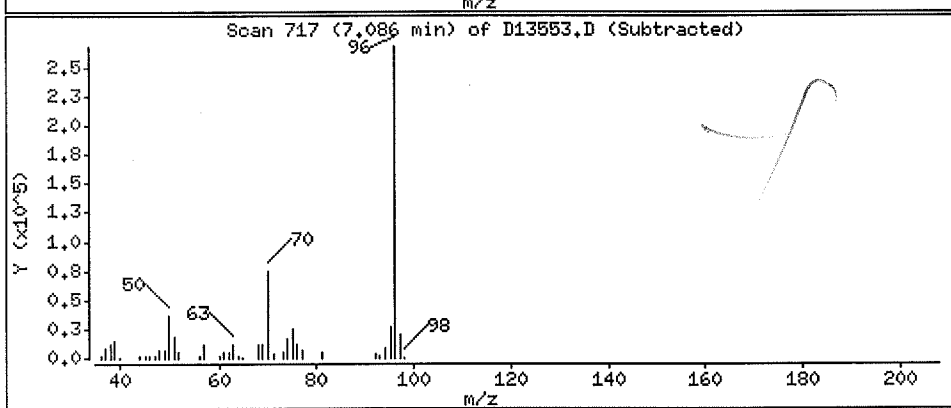
Column phase: J&W DB-624

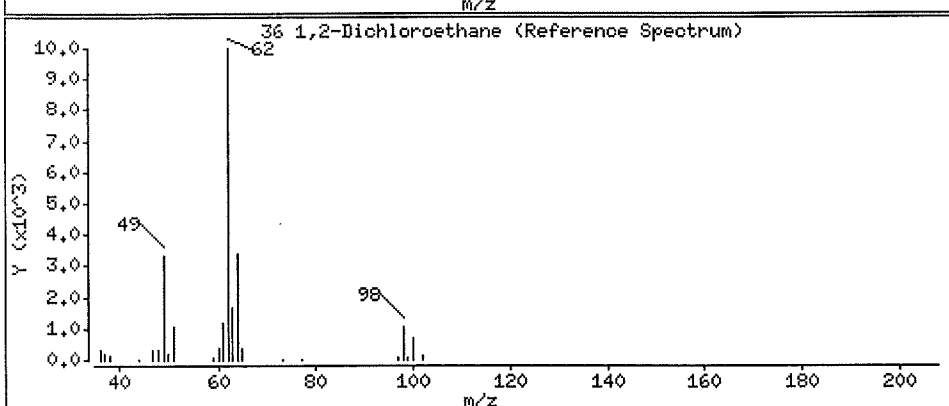
Column diameter: 0.53

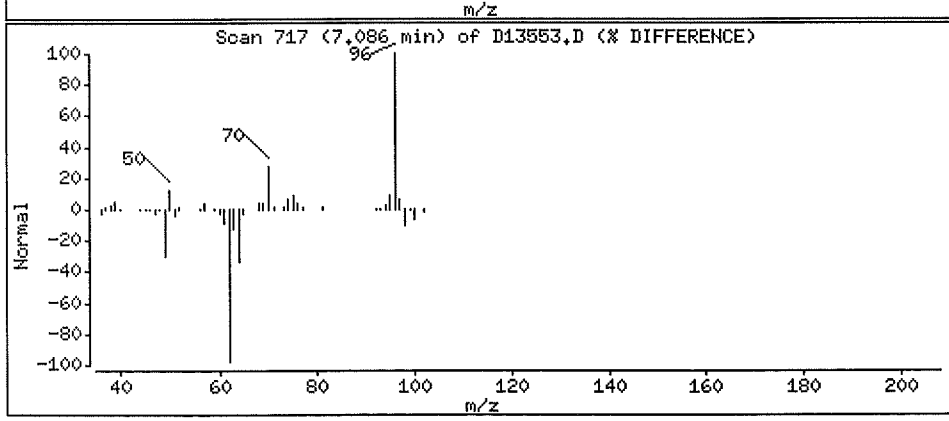
36 1,2-Dichloroethane

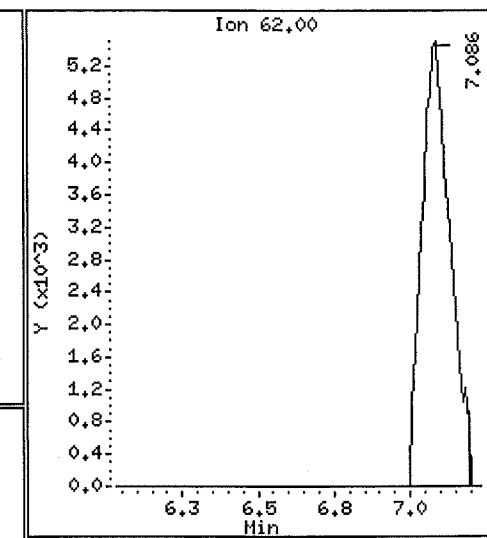
Concentration: 1.66 ug/Kg

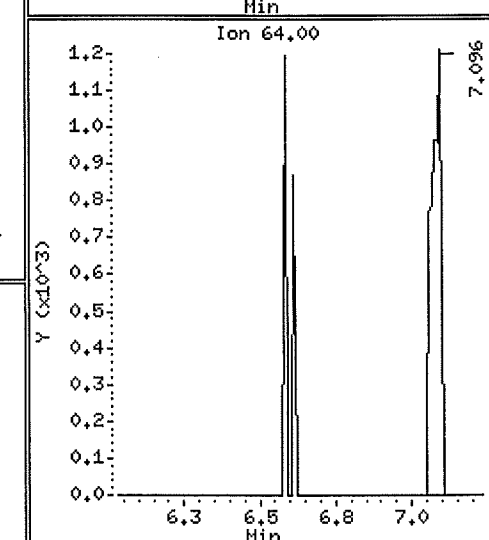


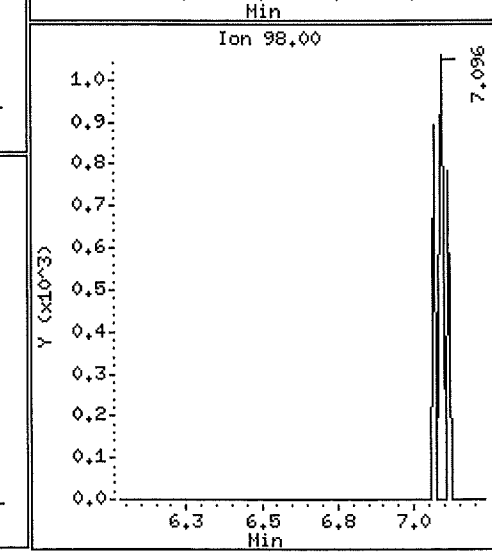












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13553.D

Date : 29-OCT-2000 23:09

Client ID: D13553

Instrument: md.i

Sample Info: DNCGF1A1,,2,,0,1,0,8260BDA.M,D13553

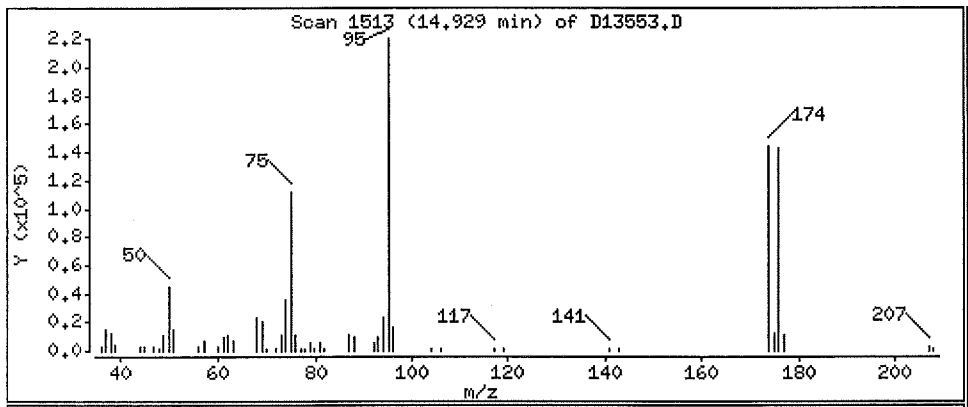
Operator: AD

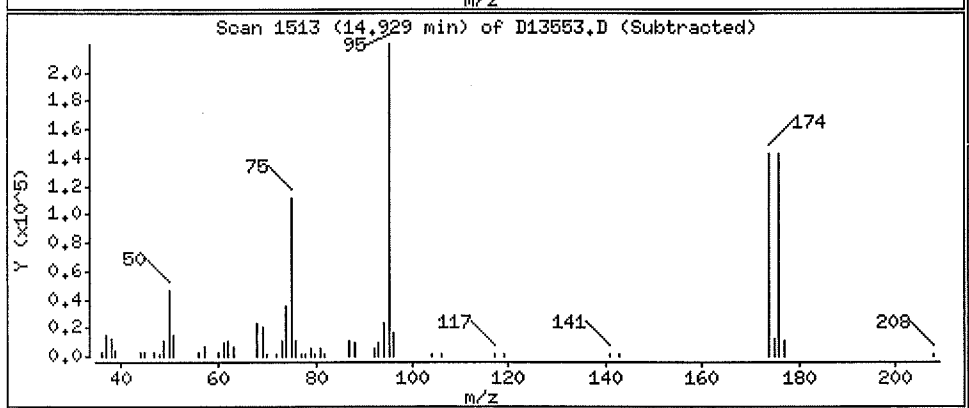
Column phase: J&W DB-624

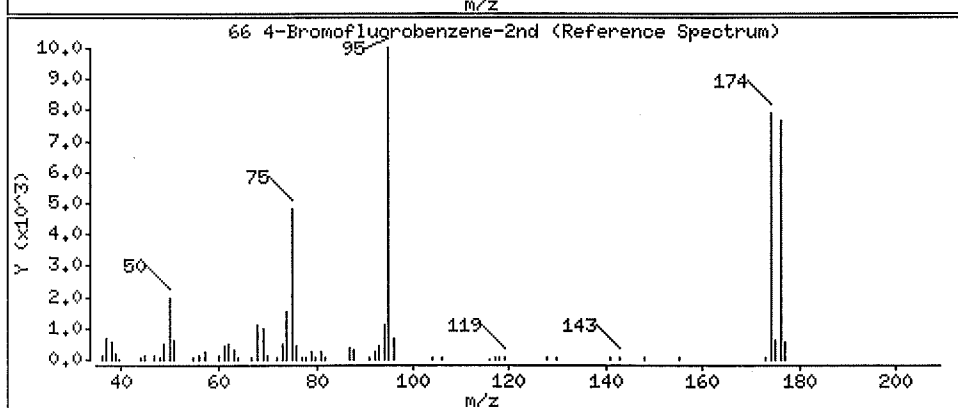
Column diameter: 0.53

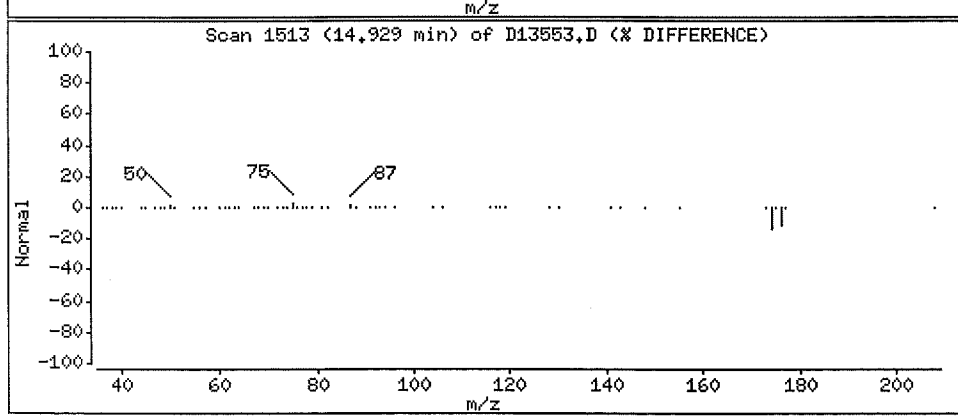
66 4-Bromofluorobenzene-2nd

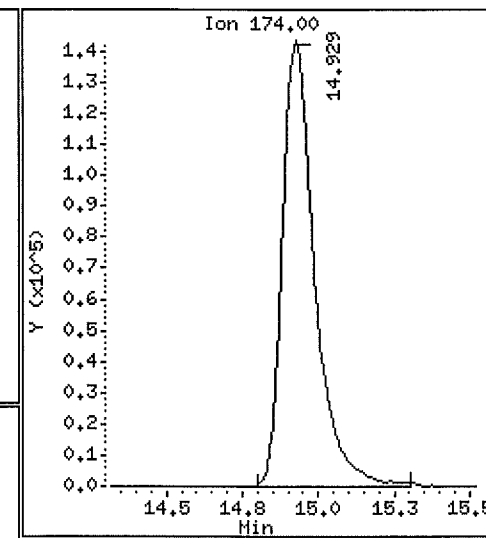
Concentration: 46.76 ug/Kg

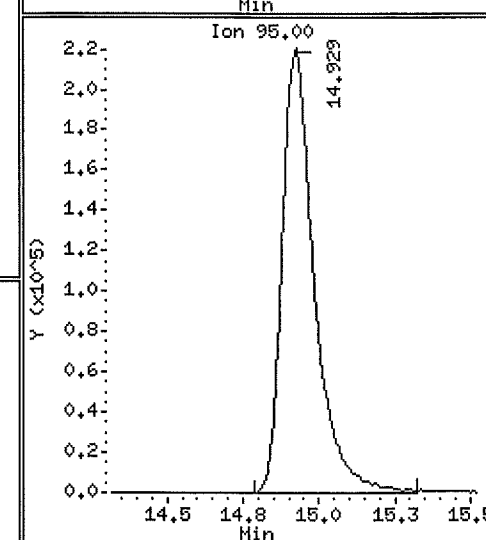


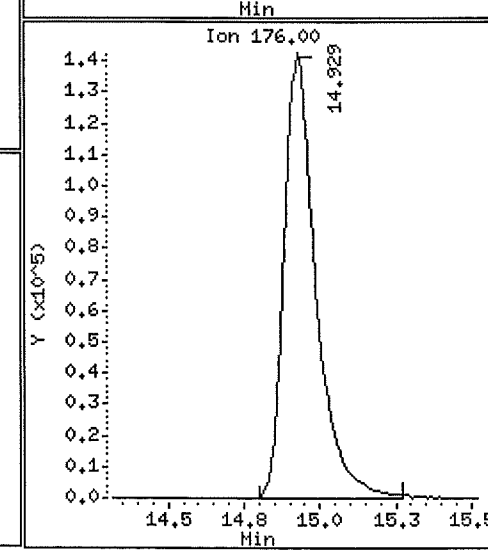












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13553.D

Date : 29-OCT-2000 23:09

Client ID: D13553

Instrument: md.i

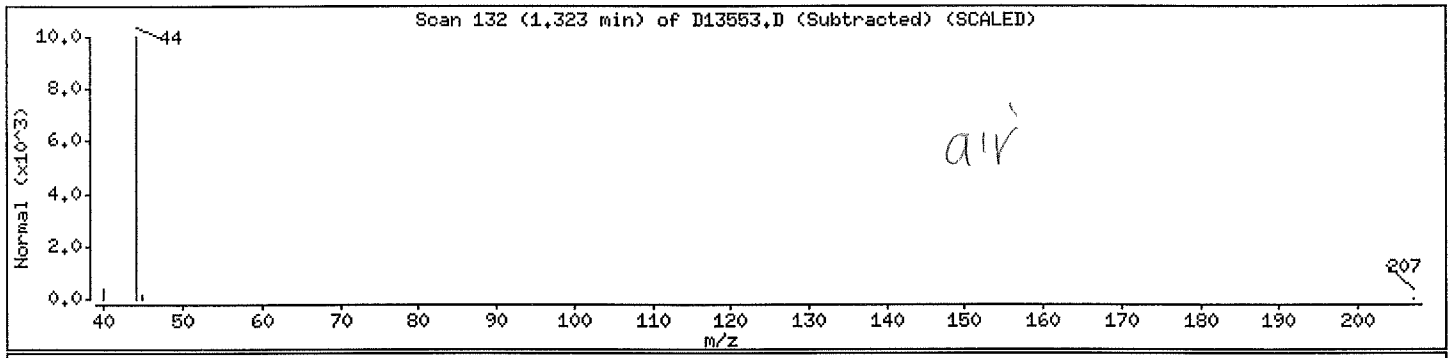
Sample Info: DNCGF1A1,,2,,0,1,0,8260BDA.M,D13553

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13554.D
Lab Smp Id: DNCGL1AE Client Smp ID: D13554
Inj Date : 29-OCT-2000 23:40
Operator : AD Inst ID: md.i
Smp Info : DNCGL1AE,,2,,0,1,0,8260BDA.M,D13554
Misc Info : E0J180165-11,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.845	2.867	(0.401)	18892	6.77607	6.78
$ 29 Dibromofluoromethane	111	5.978	5.971	(0.843)	1245437	48.9844	48.98
$ 33 1,2-Dichloroethane-d4	65	6.520	6.493	(0.919)	775673	41.8446	41.84
34 1,2-Dichloroethane-d4 2nd	102	6.520	6.503	(0.919)	188713	47.0735	47.07
36 1,2-Dichloroethane	62	7.081	6.631	(0.999)	32690	1.58790	1.59(aQ)
* 38 Fluorobenzene	96	7.091	7.074	(1.000)	2150545	50.0000	
$ 47 Toluene-d8	98	9.909	9.902	(0.787)	2063222	48.6094	48.61
* 56 Chlorobenzene-d5	117	12.589	12.582	(1.000)	1795390	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.924	14.917	(0.866)	975303	45.9715	45.97
$ 67 4-Bromofluorobenzene	95	14.924	14.936	(0.866)	1499032	42.6114	42.61
* 79 1,4-Dichlorobenzene-d4	152	17.229	17.232	(1.000)	1126200	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13554.D
Lab Smp Id: DNCGL1AE Client Smp ID: D13554
Inj Date : 29-OCT-2000 23:40
Operator : AD Inst ID: md.i
Smp Info : DNCGL1AE,,2,,0,1,0,8260BDA.M,D13554
Misc Info : E0J180165-11,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.091	4984970	50.000
* 56 Chlorobenzene-d5	12.589	5893259	50.000
* 79 1,4-Dichlorobenzene-d4	17.229	7145545	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.328	1916317	19.2209491	19.22	0		0	38

RT	AREA	CONCENTRATIONS ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Cyclotrisiloxane, hexamethyl-					CAS #: 541-05-9		
11.062	765487	6.49460056	6.49	90	NBS75K.L	70586	56
Cyclotetrasiloxane, octamethyl-					CAS #: 556-67-2		
15.741	943927	6.60500204	6.60	56	NBS75K.L	41966	79

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCGL1AE
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13554
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown air	1.328	19.22	J
2. 541-05-9	Cyclotrisiloxane, hexamethy	11.062	6.49	NJ
3. 556-67-2	Cyclotetrasiloxane, octamet	15.741	6.60	NJ

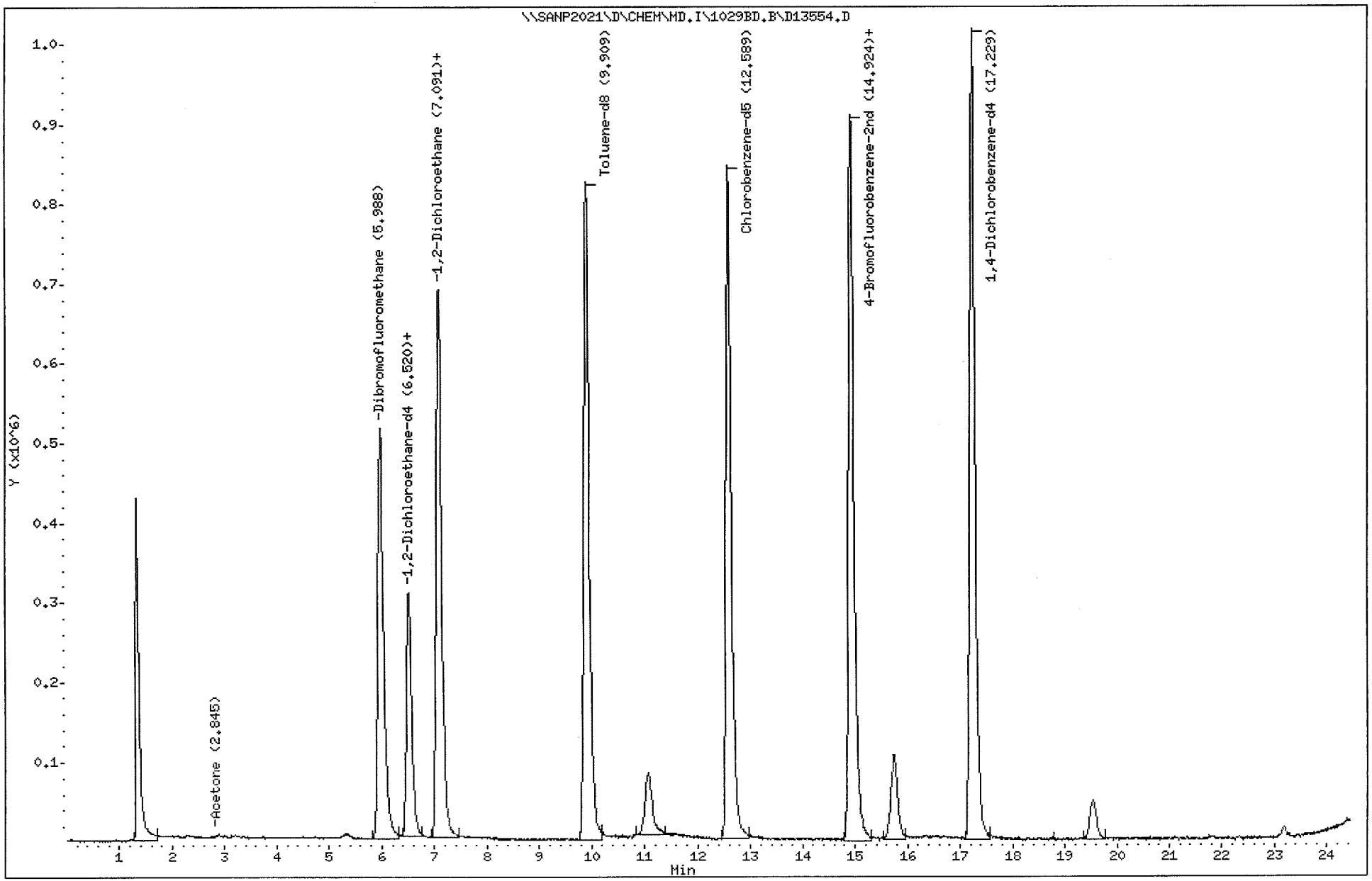
column bleed

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13554.D
Date : 29-OCT-2000 23:40
Client ID: D13554
Sample Info: DNCGL1AE,,2,,0,1,0,8260BDA.M,D13554

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



000585

BOE-C6-0175616

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13554.D

Date : 29-OCT-2000 23:40

Client ID: D13554

Instrument: md.i

Sample Info: DNCGL1AE,,2,,0,1,0,8260BDA.M,D13554

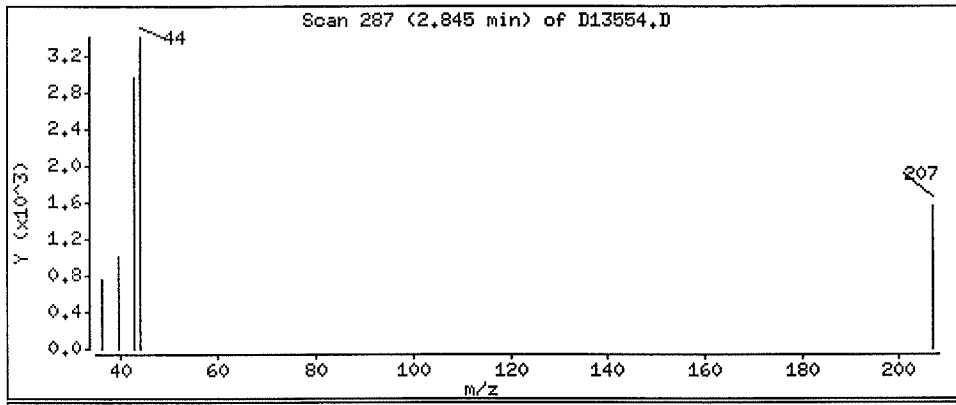
Operator: AD

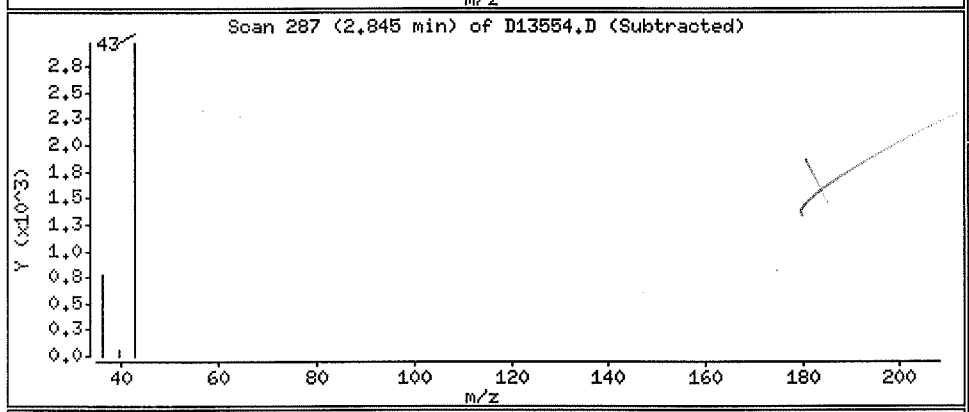
Column phase: J&W DB-624

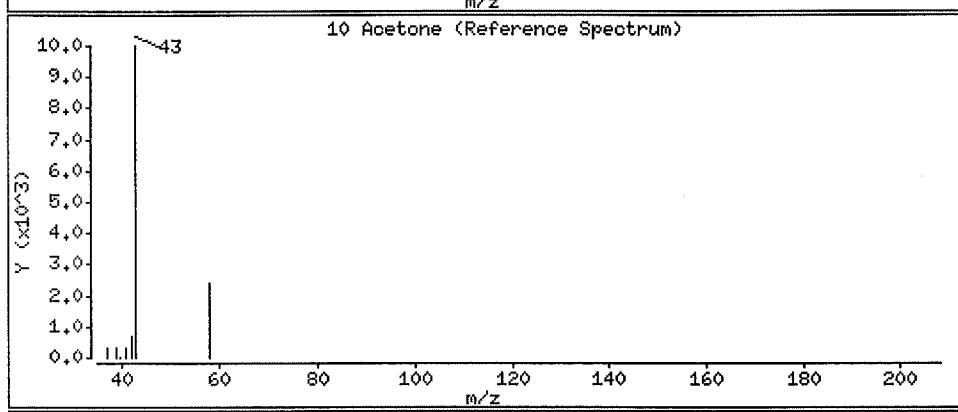
Column diameter: 0.53

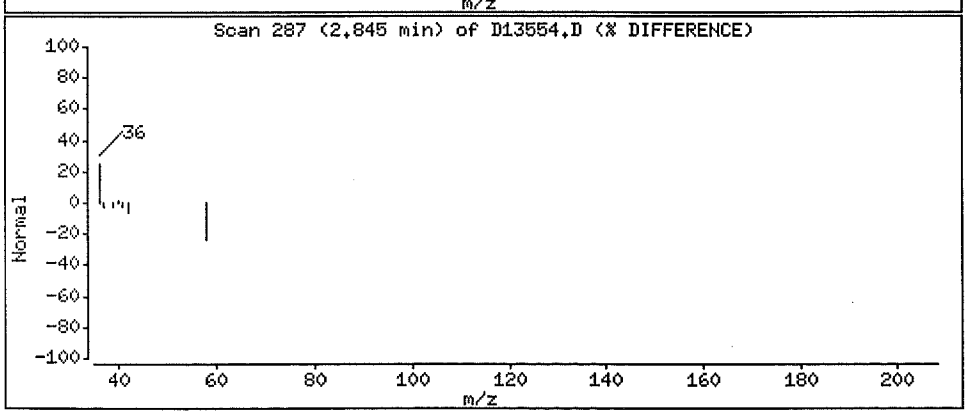
10 Acetone

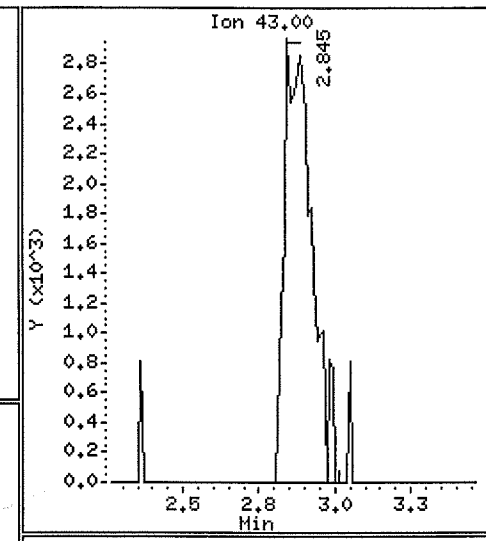
Concentration: 6.78 ug/Kg

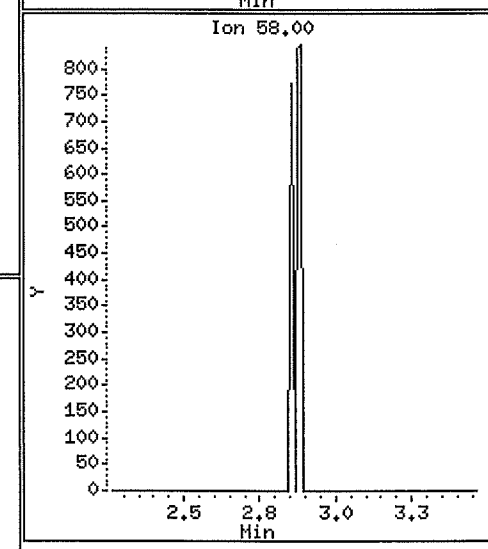












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13554.D

Date : 29-OCT-2000 23:40

Client ID: D13554

Instrument: md.i

Sample Info: DNCGL1AE,,2,,0,1,0,8260BDA.M,D13554

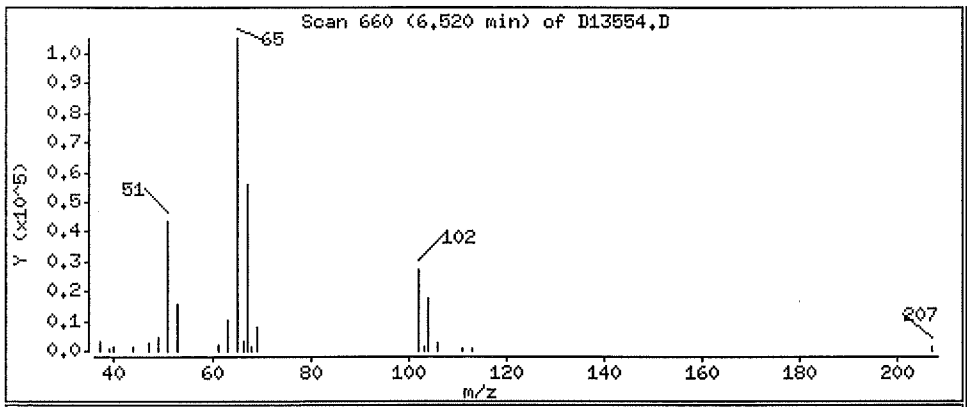
Operator: AD

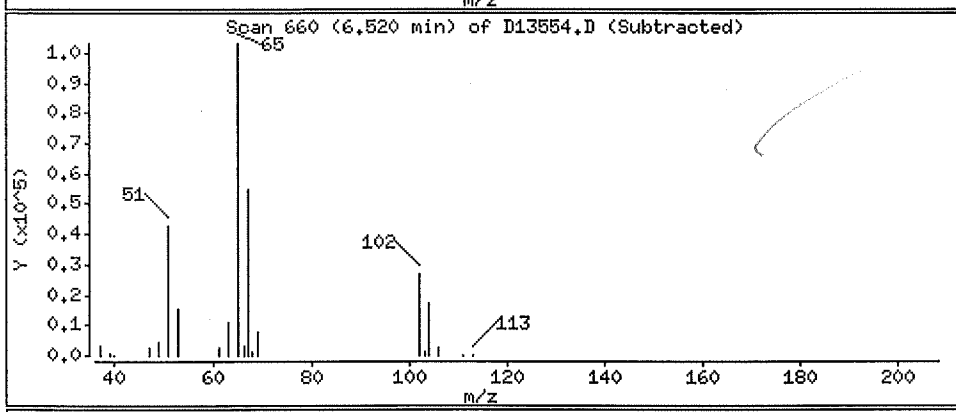
Column phase: J&W DB-624

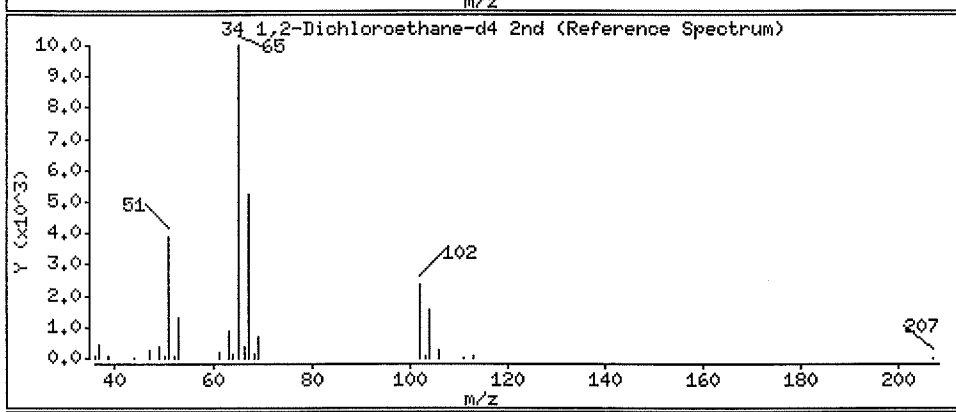
Column diameter: 0.53

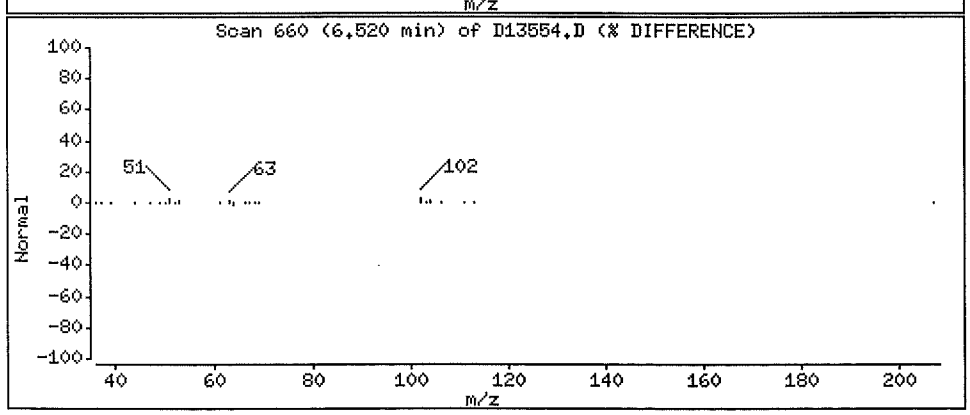
34 1,2-Dichloroethane-d4 2nd

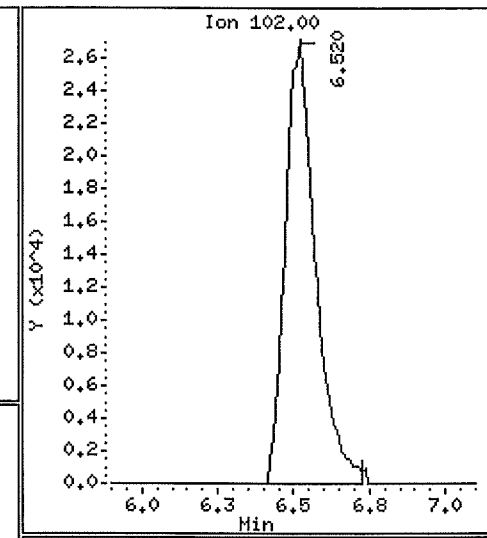
Concentration: 47.07 ug/Kg

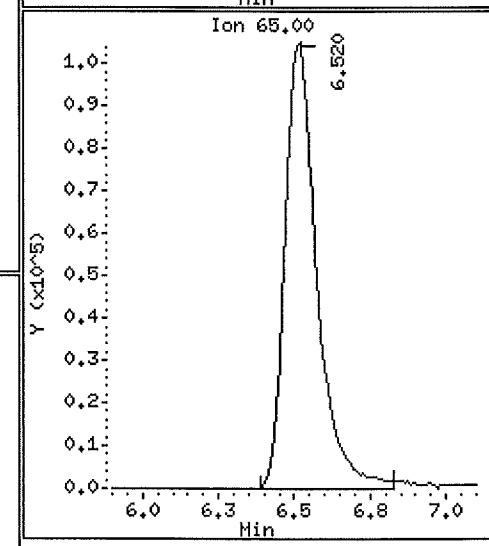












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13554.D

Date : 29-OCT-2000 23:40

Client ID: D13554

Instrument: md.i

Sample Info: DNCGL1AE,,2,,0,1,0,8260BDA.M,D13554

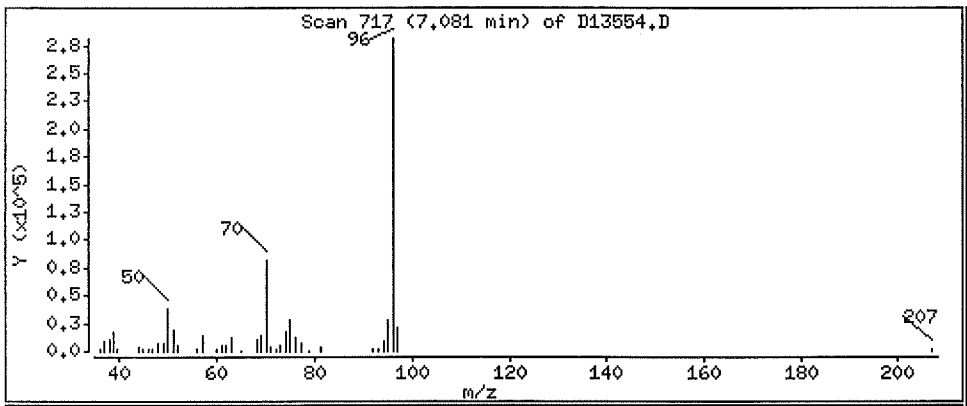
Operator: AD

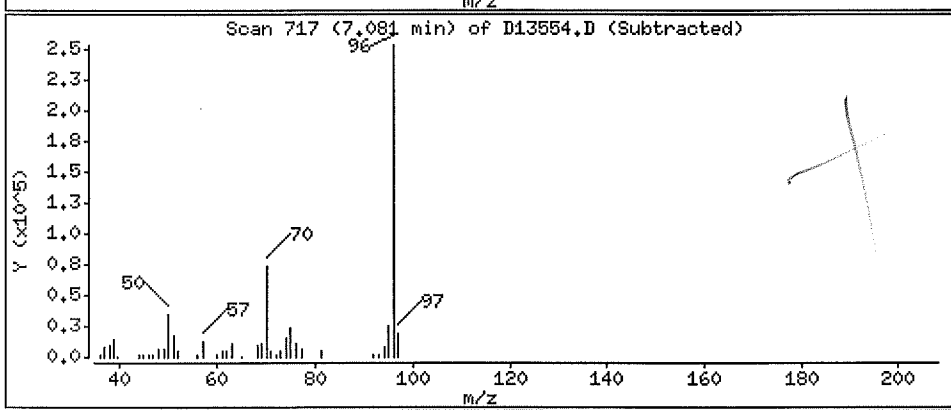
Column phase: J&W DB-624

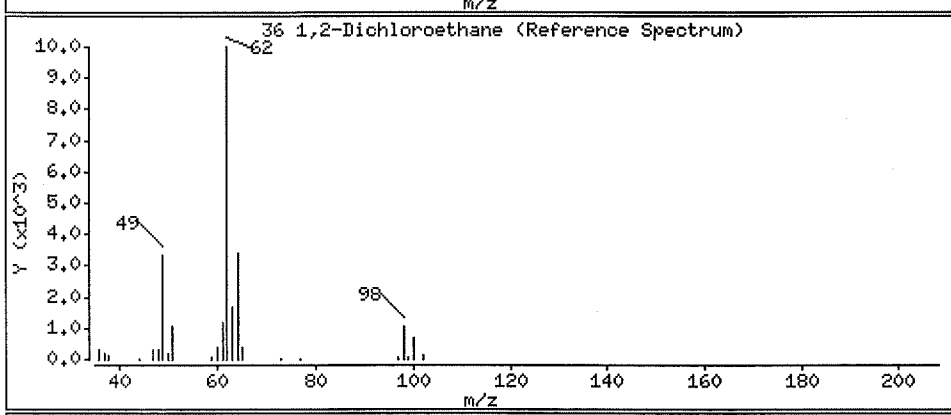
Column diameter: 0.53

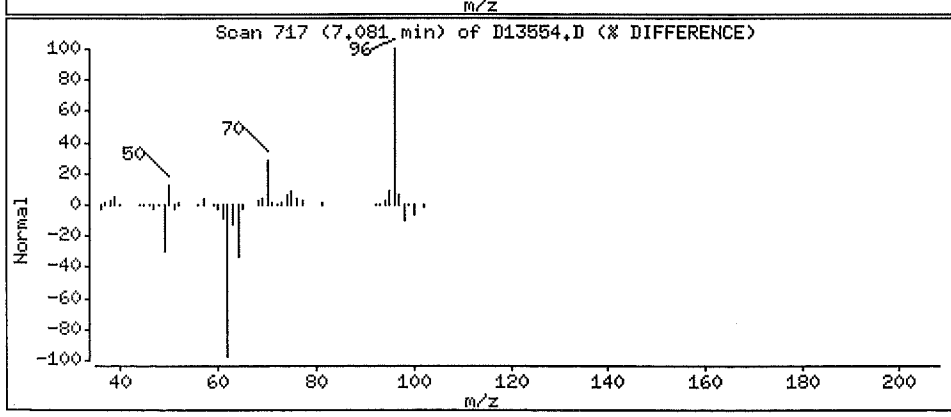
36 1,2-Dichloroethane

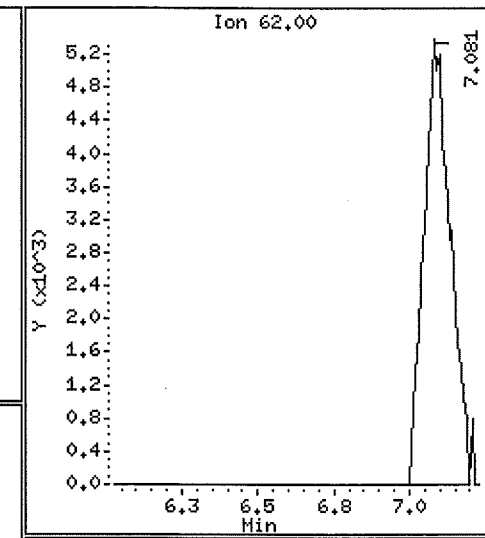
Concentration: 1.59 ug/Kg

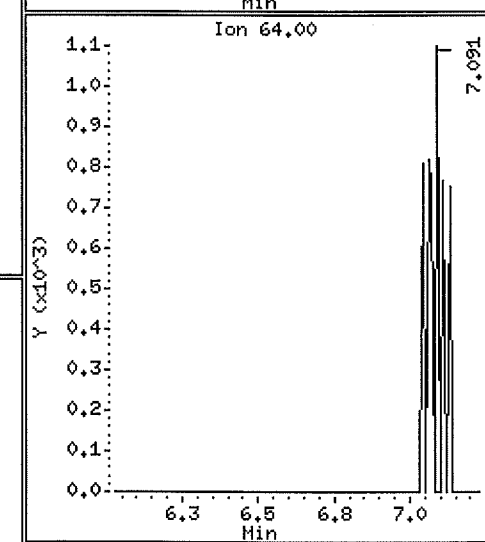


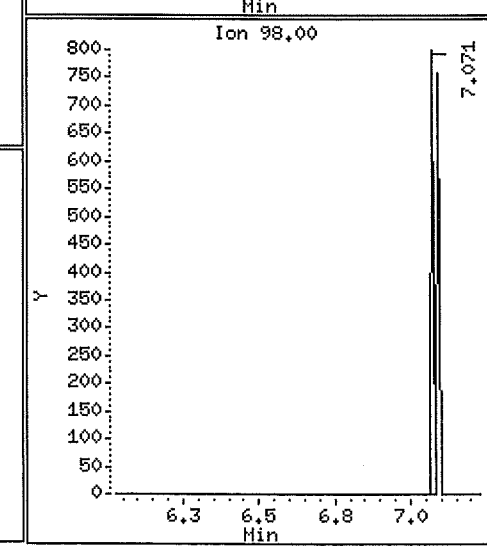












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13554.D

Date : 29-OCT-2000 23:40

Client ID: D13554

Instrument: md.i

Sample Info: DNCGL1AE,,2,,0,1,0,8260BDA.M,D13554

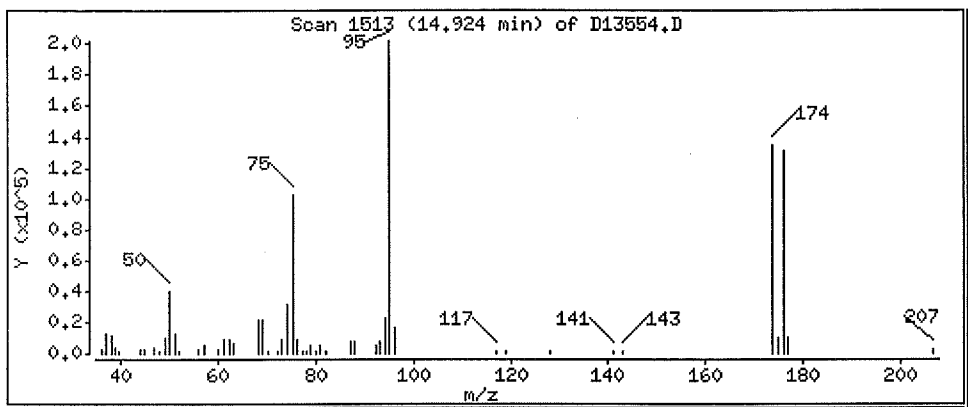
Operator: AD

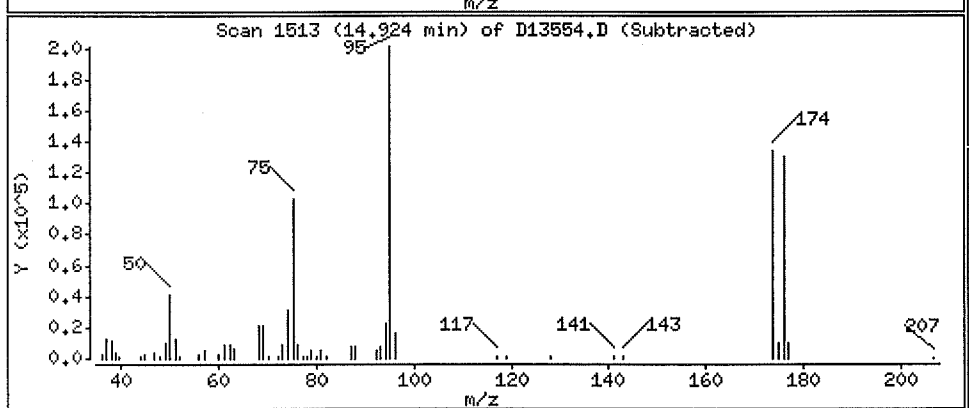
Column phase: J&W DB-624

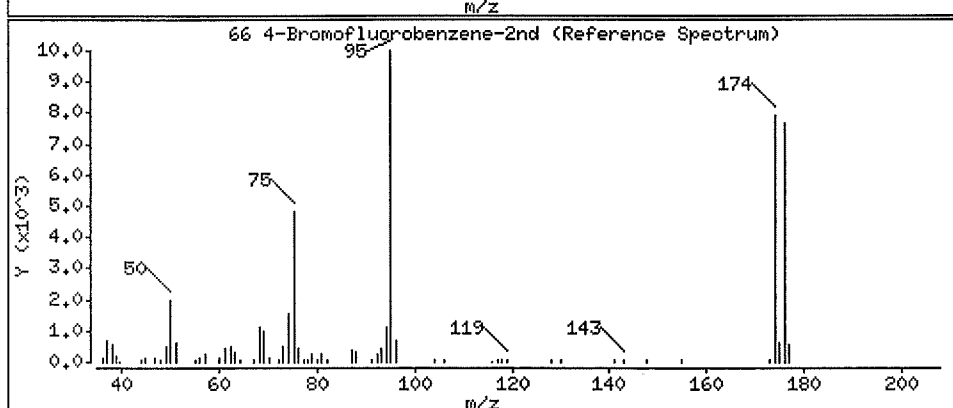
Column diameter: 0.53

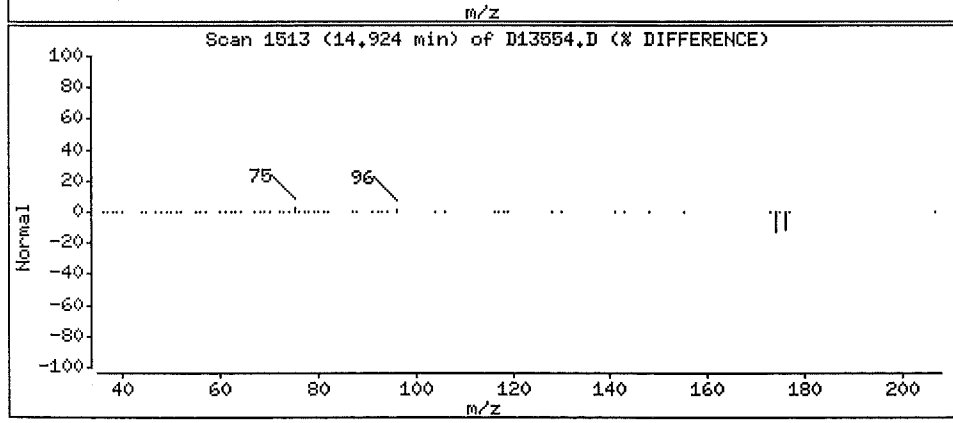
66 4-Bromofluorobenzene-2nd

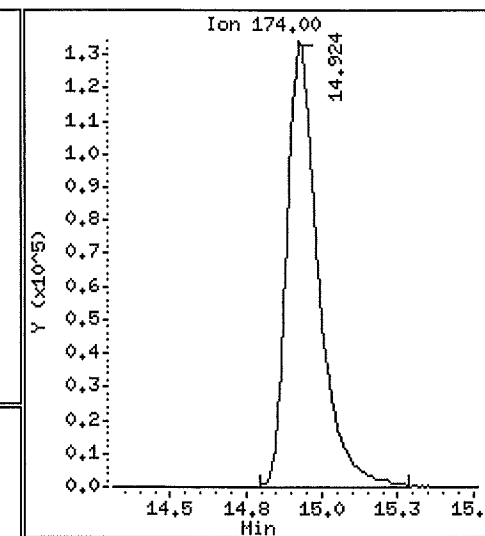
Concentration: 45.97 ug/Kg

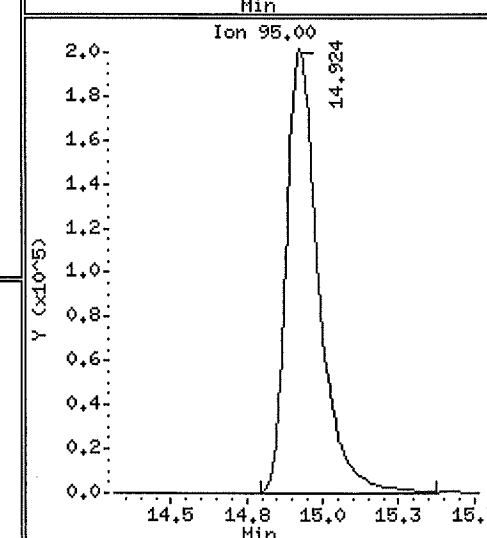


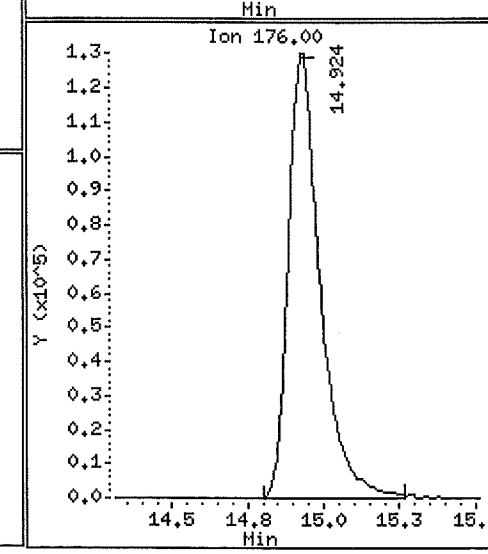












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13554.D

Date : 29-OCT-2000 23:40

Client ID: D13554

Instrument: md.i

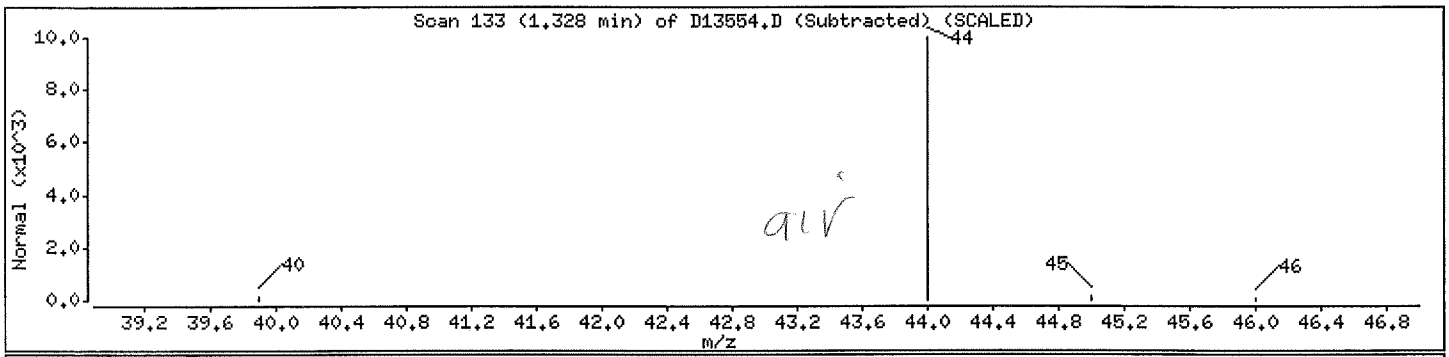
Sample Info: DNCGL1AE,,2,,0,1,0,8260BDA.M,D13554

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13554.D

Date : 29-OCT-2000 23:40

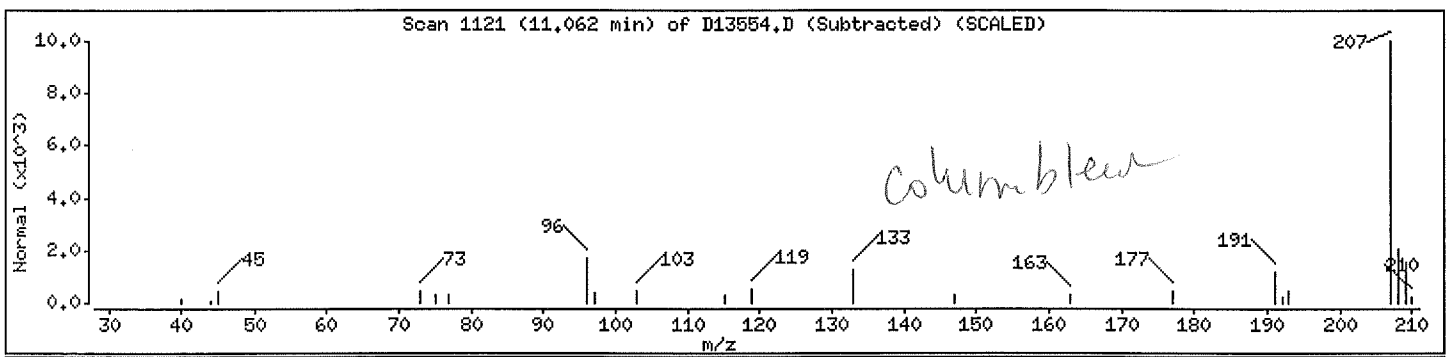
Client ID: D13554 Instrument: md.i

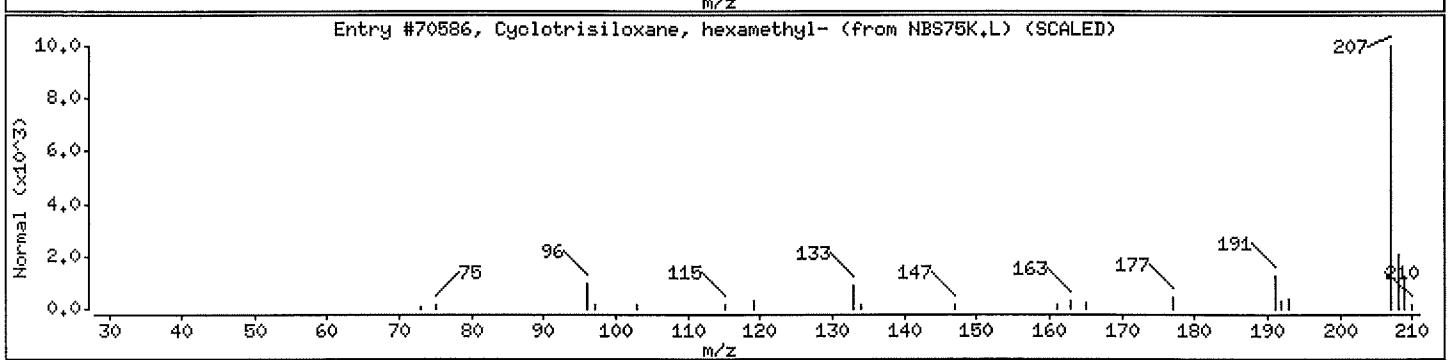
Sample Info: DNCGL1AE,,2,,0,1,0,8260BDA.M,D13554

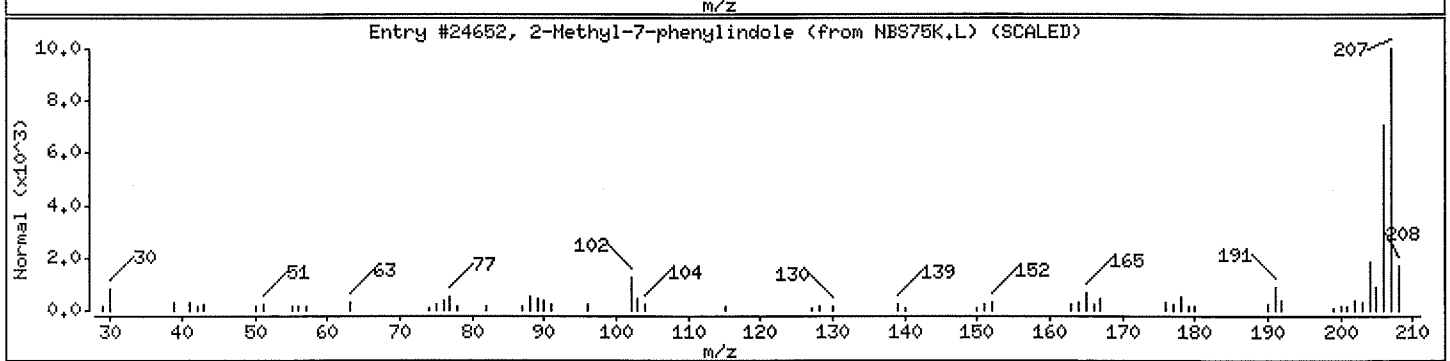
Operator: AD

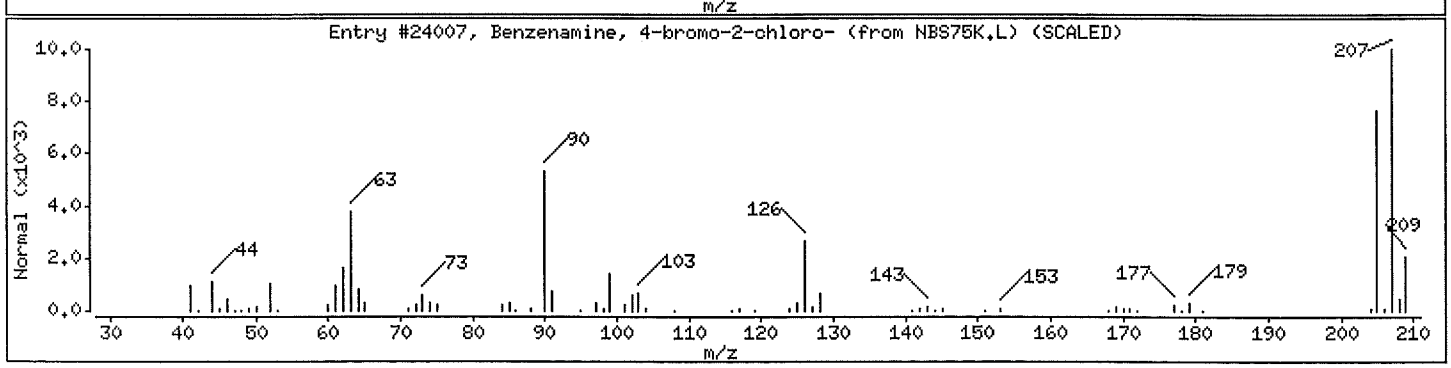
Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotrisiloxane, hexamethyl-	541-05-9	NBS75K.L	70586	90	C6H18O3Si3	222
2-Methyl-7-phenylindole	0-00-0	NBS75K.L	24652	42	C15H13N	207
Benzenamine, 4-bromo-2-chloro-	38762-41-3	NBS75K.L	24007	38	C6H5BrClN	205









Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13554.D

Date : 29-OCT-2000 23:40

Client ID: D13554

Instrument: md.i

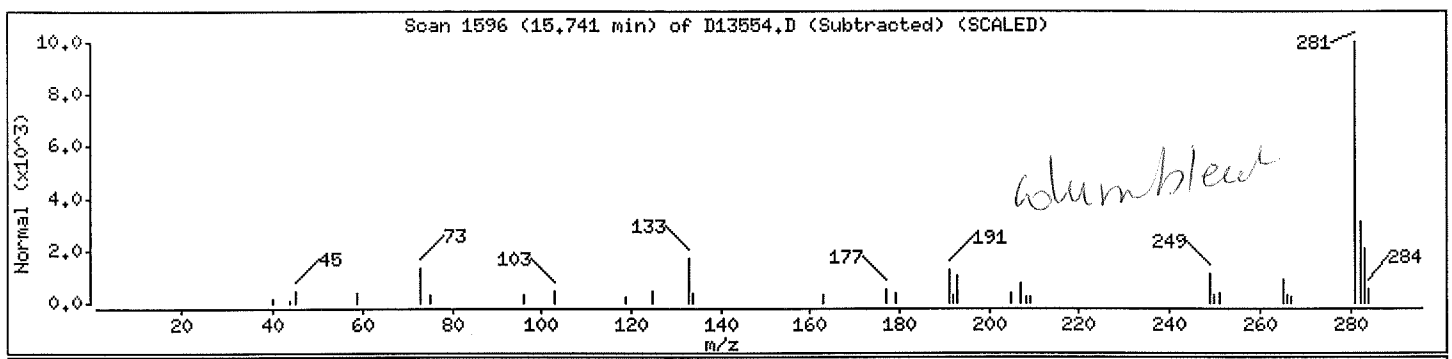
Sample Info: DNCGL1AE,,2,,0,1,0,8260BDA.M,D13554

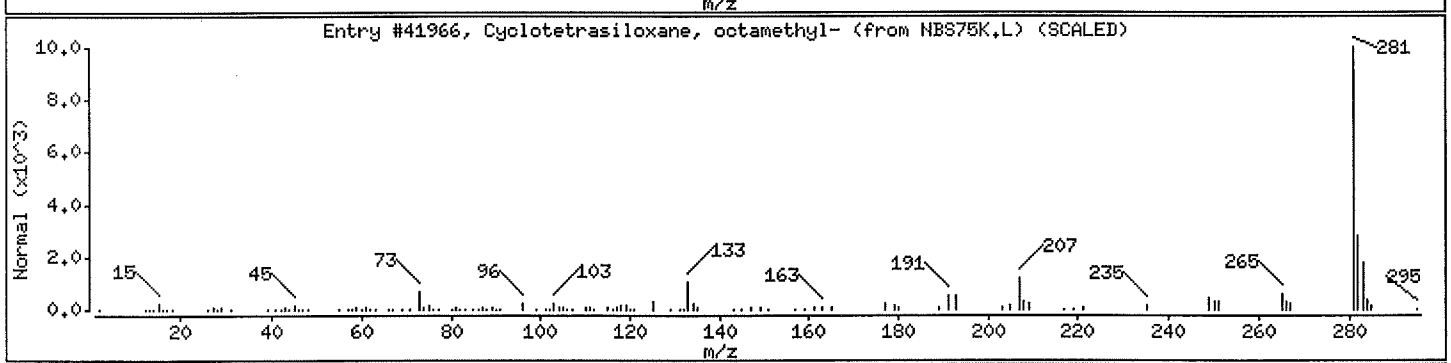
Operator: AD

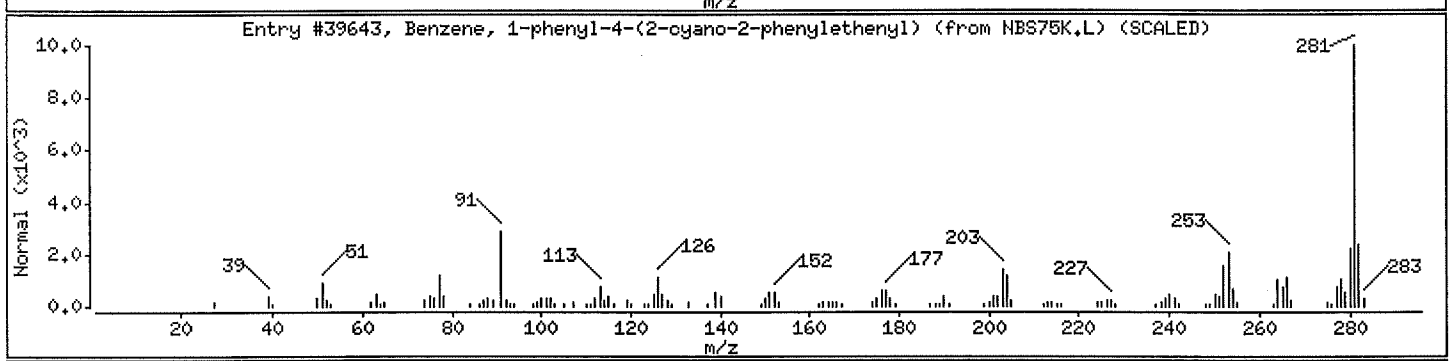
Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NBS75K.L	41966	56	C8H24O4Si4	296
Benzene, 1-phenyl-4-(2-cyano-2-phenyleth	27869-56-3	NBS75K.L	39643	47	C21H15N	281







STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13555.D
Lab Smp Id: DNCGN1A1 Client Smp ID: D13555
Inj Date : 30-OCT-2000 00:11
Operator : AD Inst ID: md.i
Smp Info : DNCGN1A1,,2,,0,1,0,8260BDA.M,D13555
Misc Info : E0J180165-12,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.977	5.971	(0.844)	1287693	50.1085	50.11
$ 33 1,2-Dichloroethane-d4	65	6.509	6.493	(0.919)	820065	43.7696	43.77
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.503	(0.921)	202438	49.9608	49.96
36 1,2-Dichloroethane	62	7.080	6.631	(1.000)	33468	1.60845	1.61(aQ)
* 38 Fluorobenzene	96	7.080	7.074	(1.000)	2173630	50.0000	
$ 47 Toluene-d8	98	9.898	9.902	(0.786)	2104581	47.8385	47.84
* 56 Chlorobenzene-d5	117	12.587	12.582	(1.000)	1860894	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.922	14.917	(0.866)	1022154	46.5588	46.56
$ 67 4-Bromofluorobenzene	95	14.913	14.936	(0.866)	1561777	42.9012	42.90
* 79 1,4-Dichlorobenzene-d4	152	17.228	17.232	(1.000)	1165412	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13555.D
Lab Smp Id: DNCGN1A1 Client Smp ID: D13555
Inj Date : 30-OCT-2000 00:11
Operator : AD Inst ID: md.i
Smp Info : DNCGN1A1,,2,,0,1,0,8260BDA.M,D13555
Misc Info : E0J180165-12,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.080	5011652	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	1399380	13.9612589	13.96	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCGN1A1
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13555
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

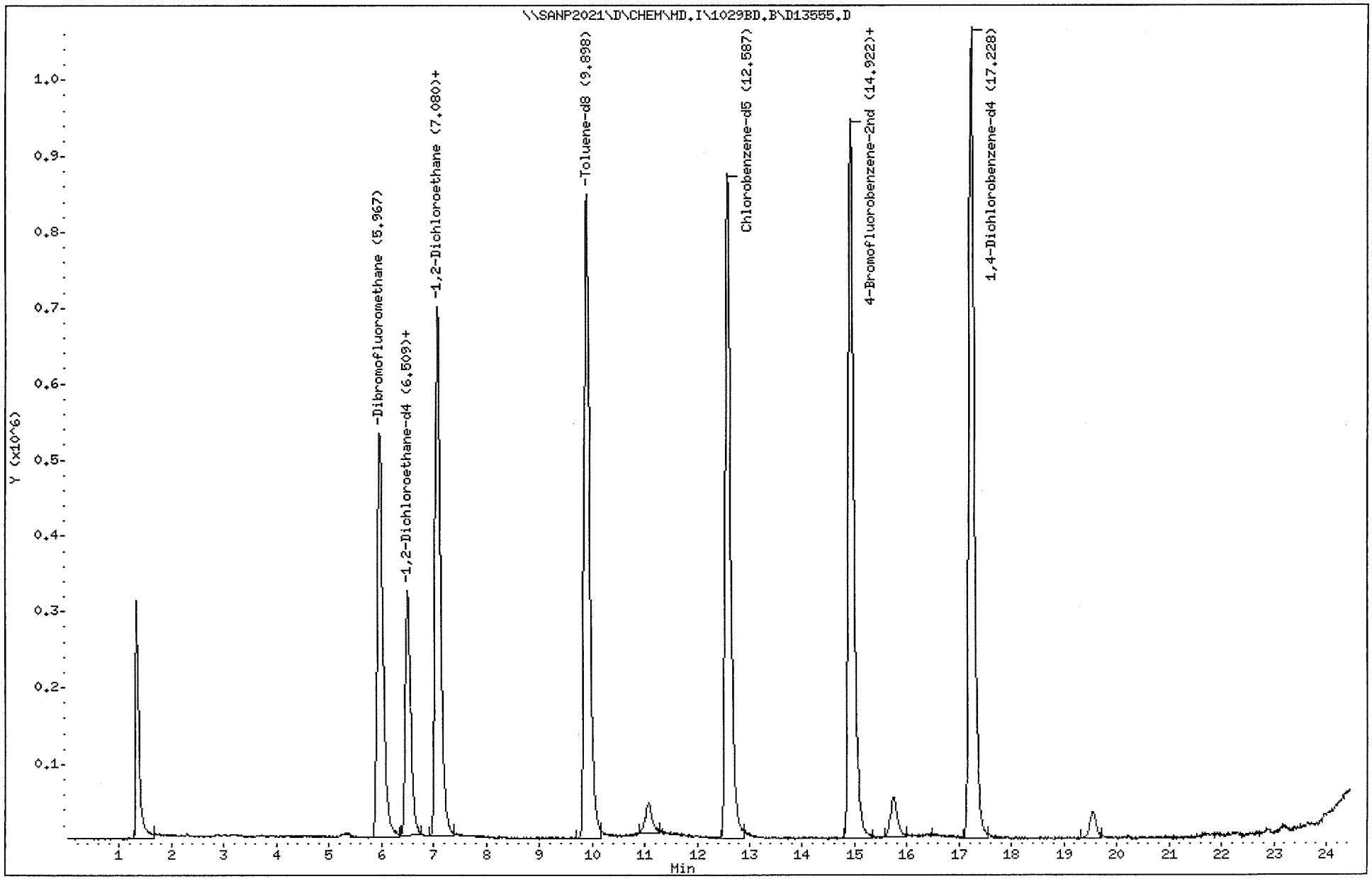
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown 911	1.326	13.96	J

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13555.D
Date : 30-OCT-2000 00:11
Client ID: D13555
Sample Info: DNCGN1A1,,2,,0,1,0,8260BDA.M,D13555

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



000597

BOE-C6-0175628

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13555.D

Date : 30-OCT-2000 00:11

Client ID: D13555

Instrument: md.i

Sample Info: DNCGN1A1,,2,,0,1,0,8260BDA.M,D13555

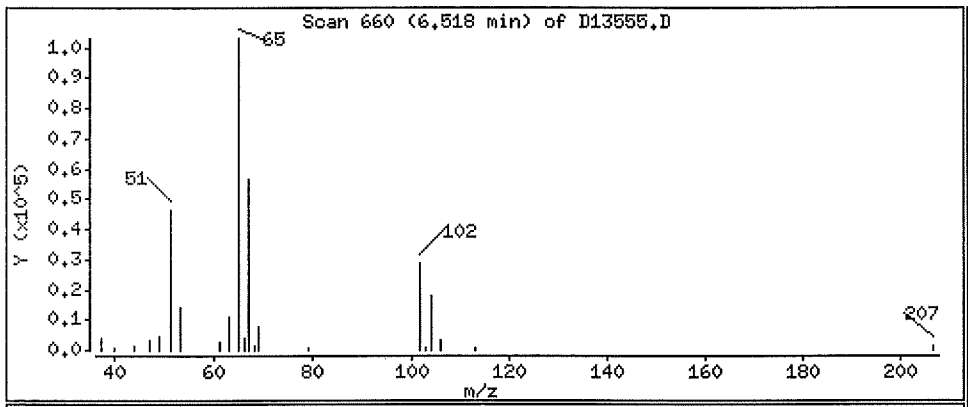
Operator: AD

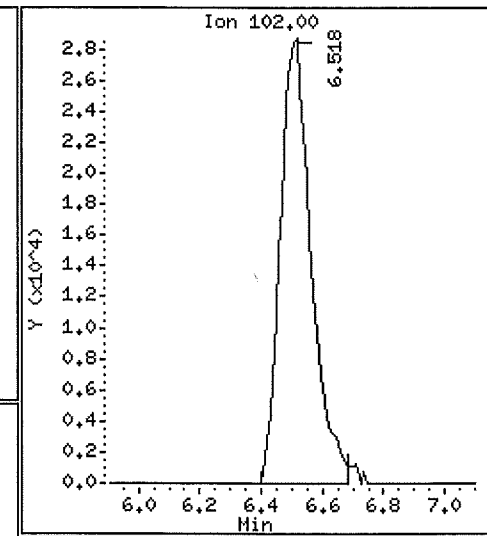
Column phase: J&W DB-624

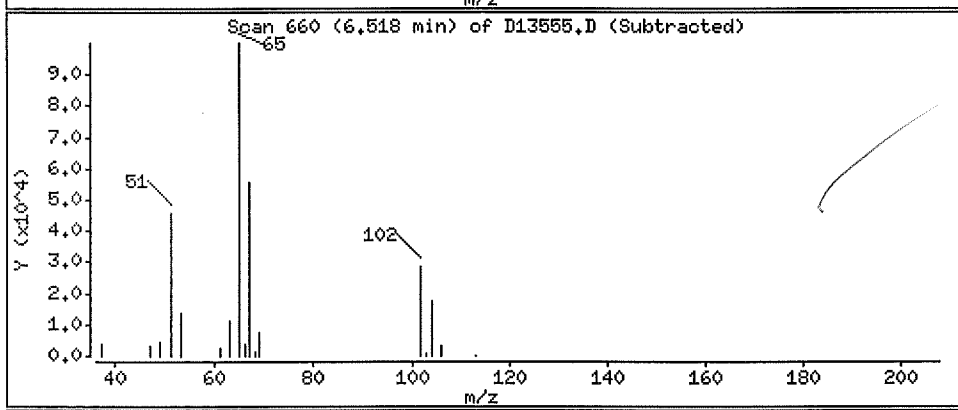
Column diameter: 0.53

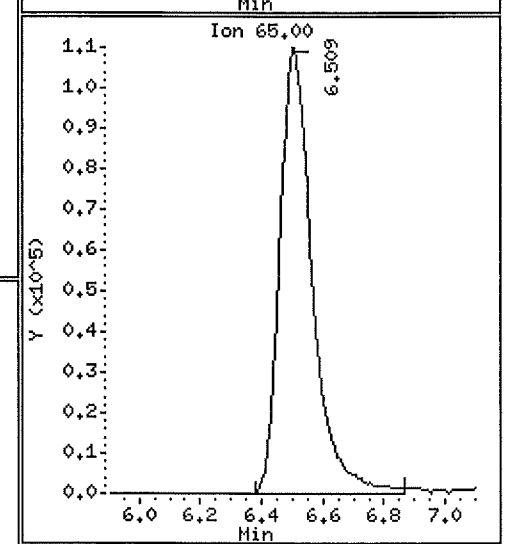
34 1,2-Dichloroethane-d4 2nd

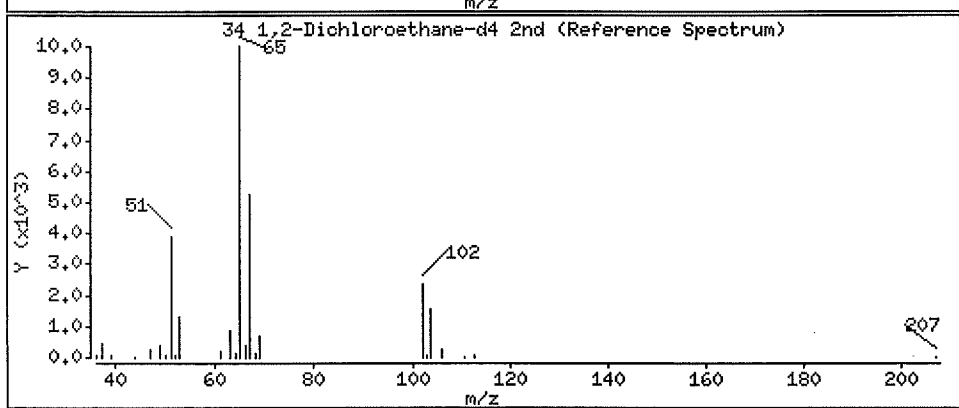
Concentration: 49.96 ug/Kg

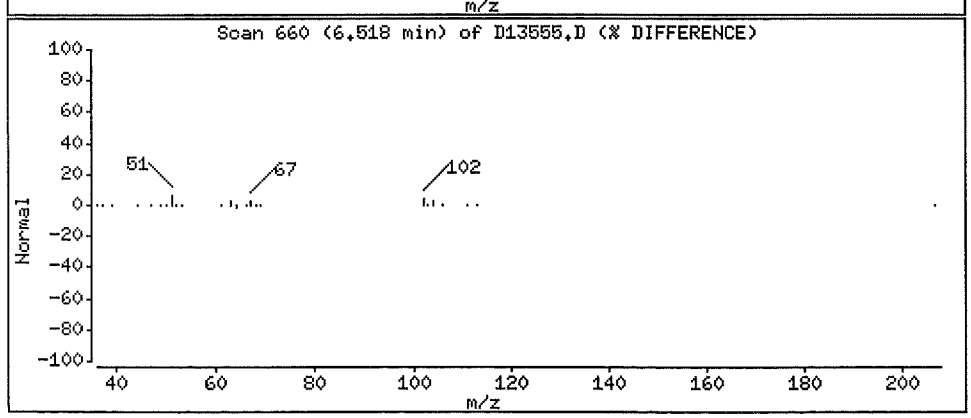












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13555.D

Date : 30-OCT-2000 00:11

Client ID: D13555

Instrument: md.i

Sample Info: DNCGN1A1,,2,,0,1,0,8260BDA,M,D13555

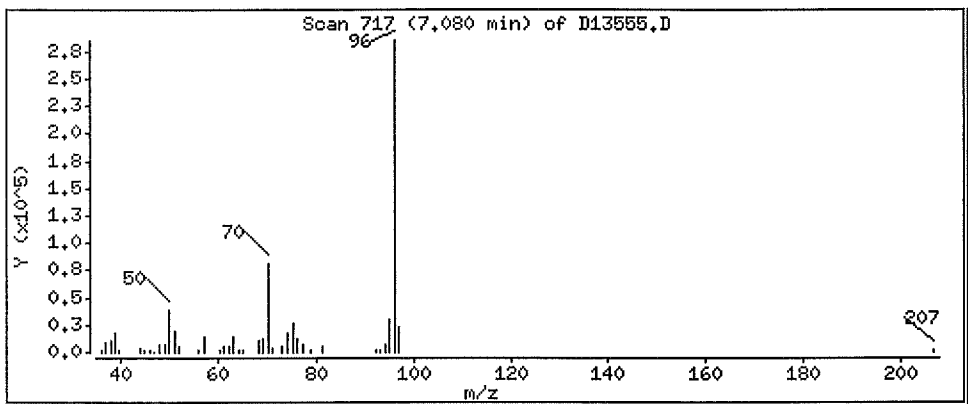
Operator: AD

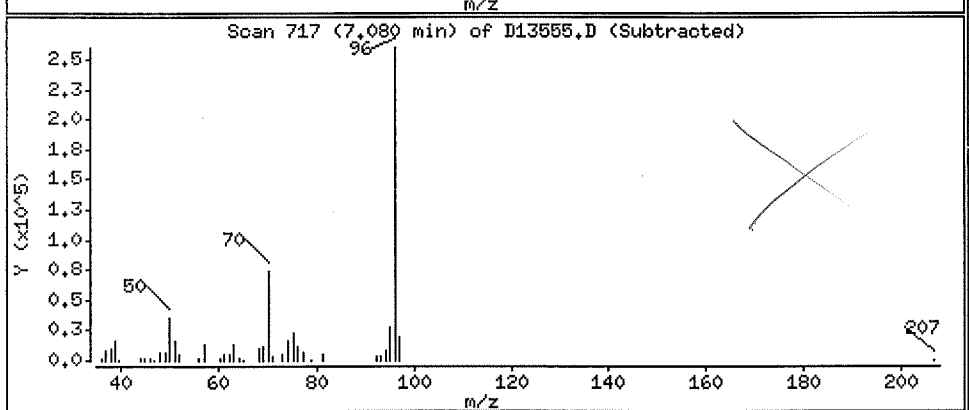
Column phase: J&W DB-624

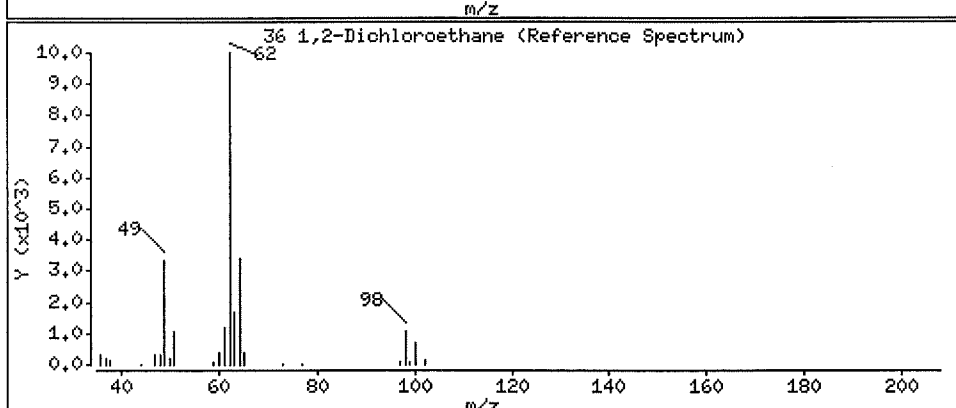
Column diameter: 0.53

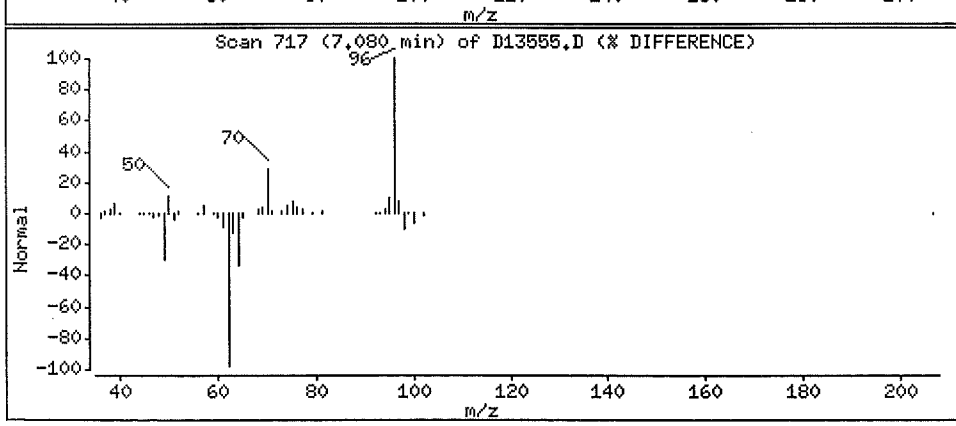
36 1,2-Dichloroethane

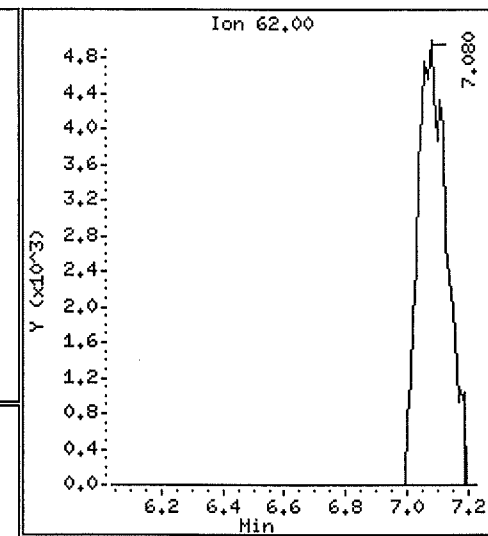
Concentration: 1.61 ug/Kg

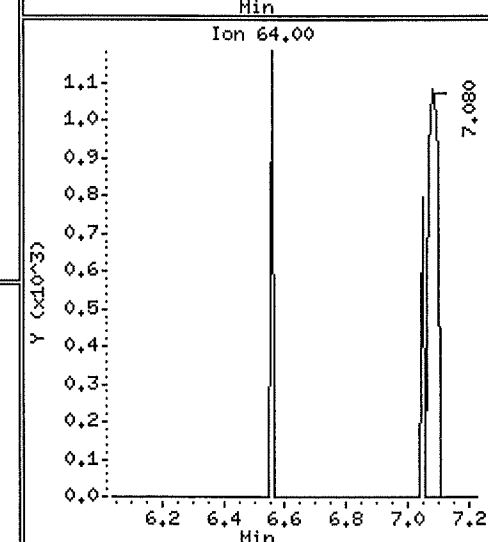


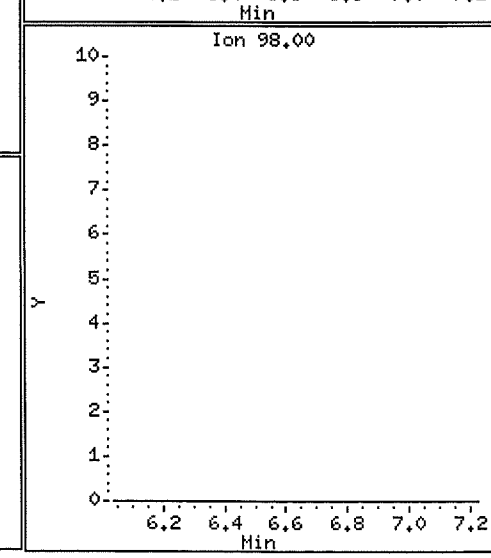












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13555.D

Date : 30-OCT-2000 00:11

Client ID: D13555

Instrument: md.i

Sample Info: DNCGN1A1,,2,,0,1,0,8260BDA.M,D13555

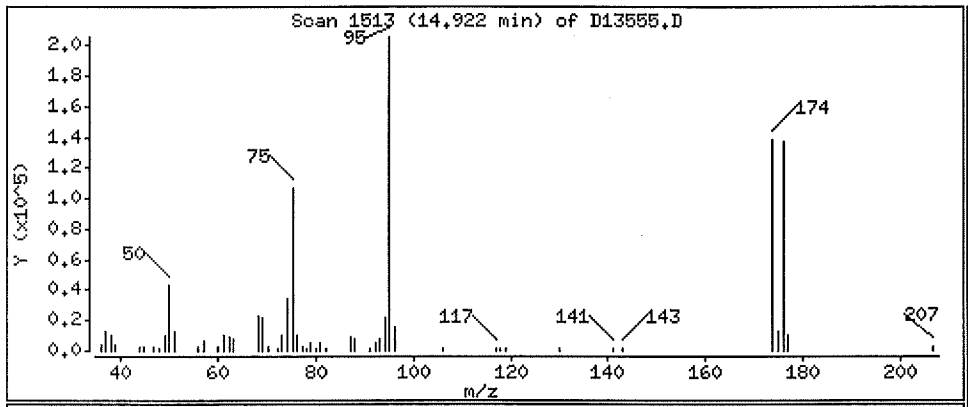
Operator: AD

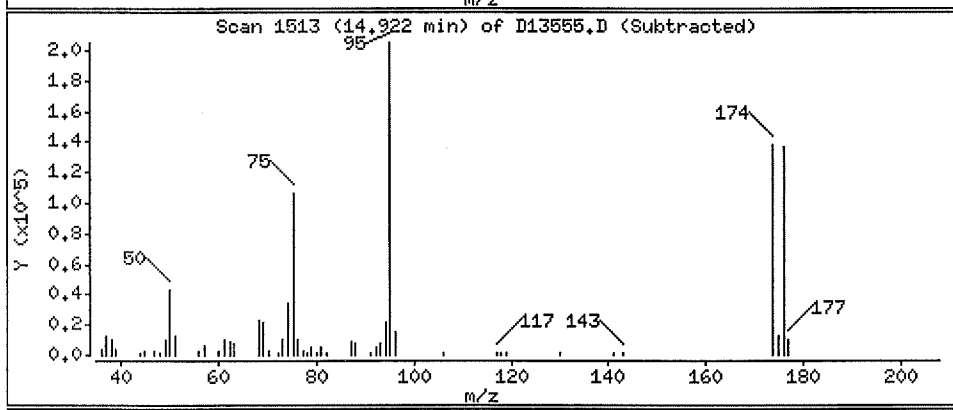
Column phase: J&W DB-624

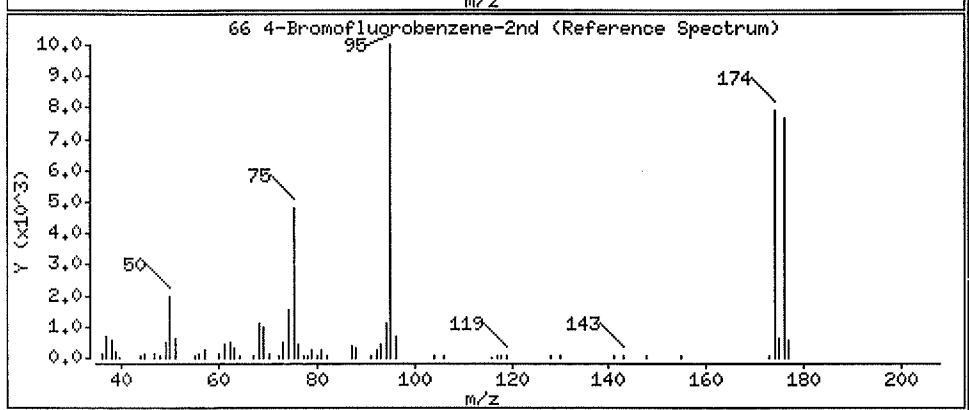
Column diameter: 0.53

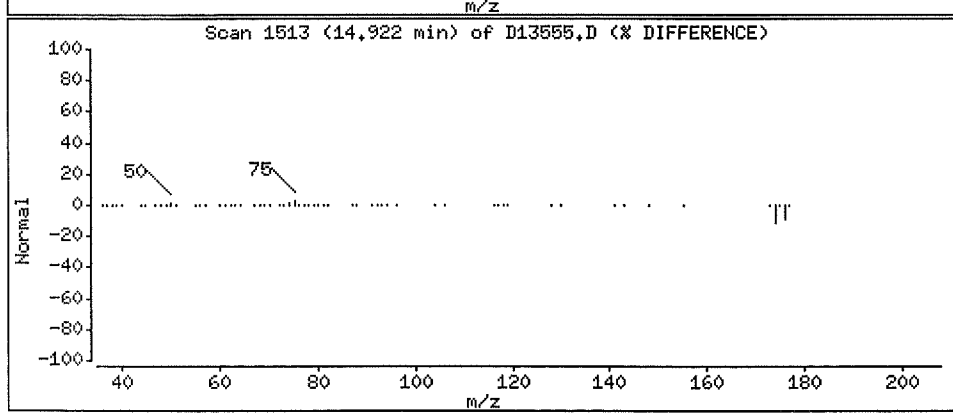
66 4-Bromofluorobenzene-2nd

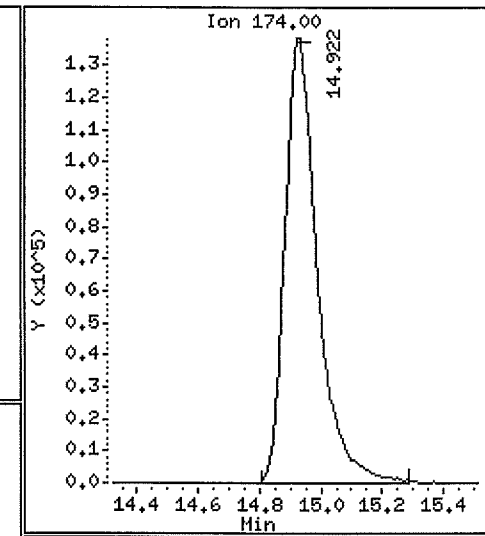
Concentration: 46.56 ug/Kg

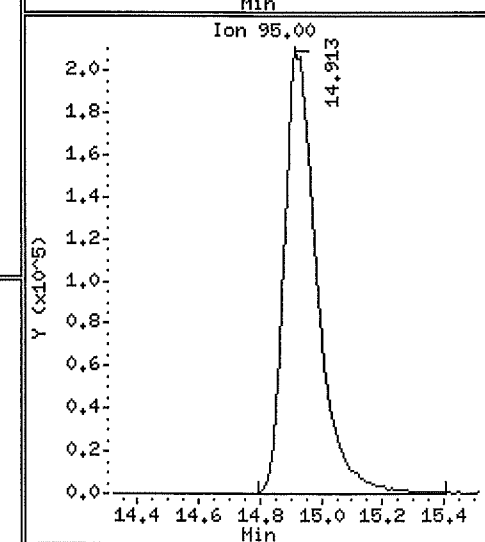


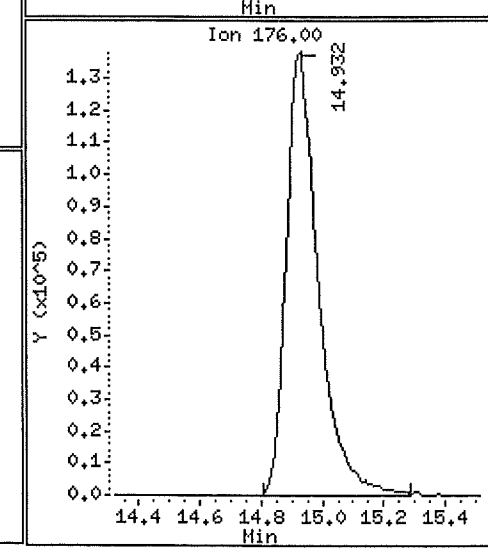












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13555.D

Date : 30-OCT-2000 00:11

Client ID: D13555

Instrument: md.i

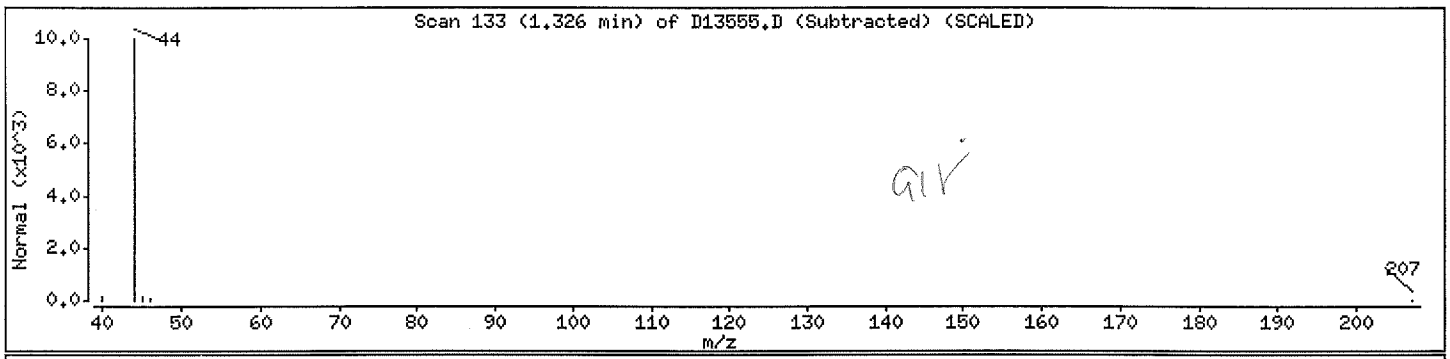
Sample Info: DNCGN1A1,,2,,0,1,0,8260BDA.M,D13555

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13556.D
Lab Smp Id: DNCGT1AE Client Smp ID: D13556
Inj Date : 30-OCT-2000 00:42
Operator : AD Inst ID: md.i
Smp Info : DNCGT1AE,,2,,0,1,0,8260BDA.M,D13556
Misc Info : E0J180165-13,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.893	2.867	(0.407)	20127	7.20570	7.20
$ 29 Dibromofluoromethane	111	5.996	5.971	(0.845)	1288739	50.5943	50.59
$ 33 1,2-Dichloroethane-d4	65	6.528	6.493	(0.920)	813002	43.7777	43.78
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.503	(0.920)	201662	50.2109	50.21
36 1,2-Dichloroethane	62	7.119	6.631	(1.003)	32802	1.59041	1.59(aQ)
* 38 Fluorobenzene	96	7.100	7.074	(1.000)	2154509	50.0000	
$ 47 Toluene-d8	98	9.907	9.902	(0.786)	2092671	50.1733	50.17
* 56 Chlorobenzene-d5	117	12.597	12.582	(1.000)	1764256	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.932	14.917	(0.867)	954780	51.8218	51.82
$ 67 4-Bromofluorobenzene	95	14.922	14.936	(0.866)	1471456	48.1639	48.16
* 79 1,4-Dichlorobenzene-d4	152	17.228	17.232	(1.000)	978038	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCGT1AE
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13556
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown Cycloalkane	19.247	5.94	J
2.	Unknown Cycloalkane	20.538	5.38	J
3.	Unknown Cycloalkane	21.710	7.43	J
4.	Unknown Alkane	22.321	23.43	J
5.	Unknown Cycloalkane	22.893	33.49	J
6.	Unknown Alkane	23.947	92.36	J

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1029BD.B\D13556.D
Lab Smp Id: DNCGT1AE Client Smp ID: D13556
Inj Date : 30-OCT-2000 00:42
Operator : AD Inst ID: md.i
Smp Info : DNCGT1AE,,2,,0,1,0,8260BDA.M,D13556
Misc Info : E0J180165-13,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	17.228	6227808	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Cycloalkane				CAS #:			
19.247	739287	5.93536989	5.94	0		0	79
Unknown Cycloalkane				CAS #:			
20.538	670418	5.38245442	5.38	0		0	79

RT	AREA	CONCENTRATIONS ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown Cycloalkane					CAS #:		
21.710	925168	7.42771719	7.43	0		0	79
Unknown Alkane					CAS #:		
22.321	2918938	23.4347172	23.43	0		0	79
Unknown Cycloalkane					CAS #:		
22.893	4171976	33.4947333	33.49	0		0	79
Unknown Alkane					CAS #:		
23.947	11504642	92.3650914	92.36	0		0	79

Data File: \\SANP2021\D\chem\md.i\1029BD.B\D13556.D

Date : 30-OCT-2000 00:42

Client ID: D13556

Instrument: md.i

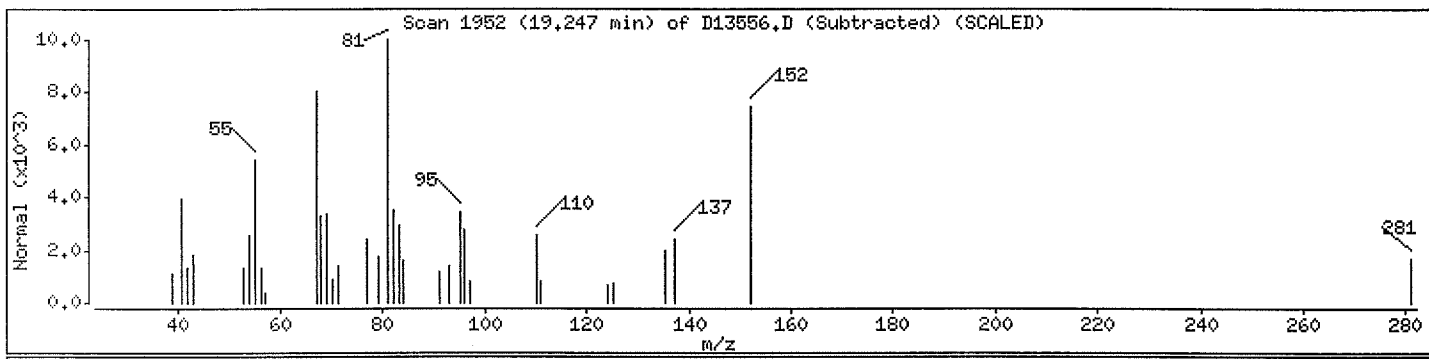
Sample Info: DNCGT1AE,,2,,0,1,0,8260BDA.M,D13556

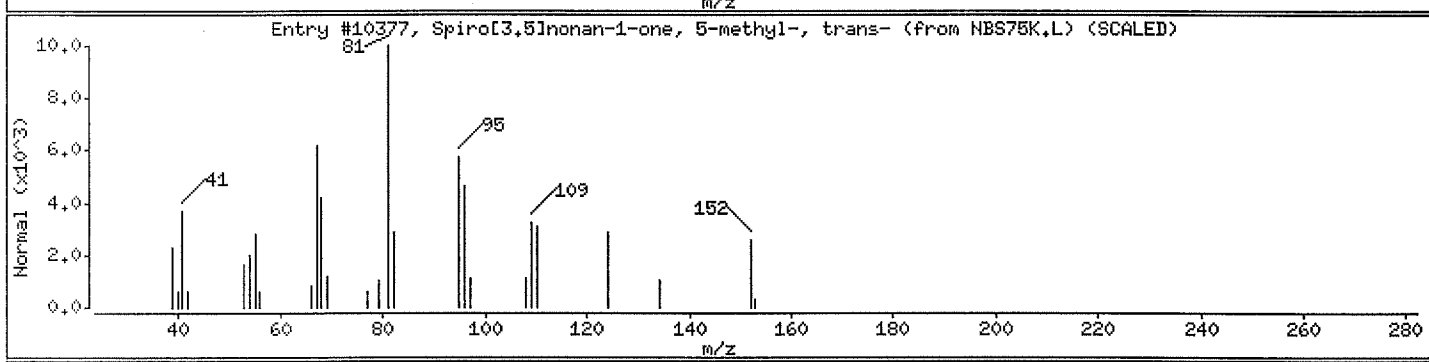
Operator: AD

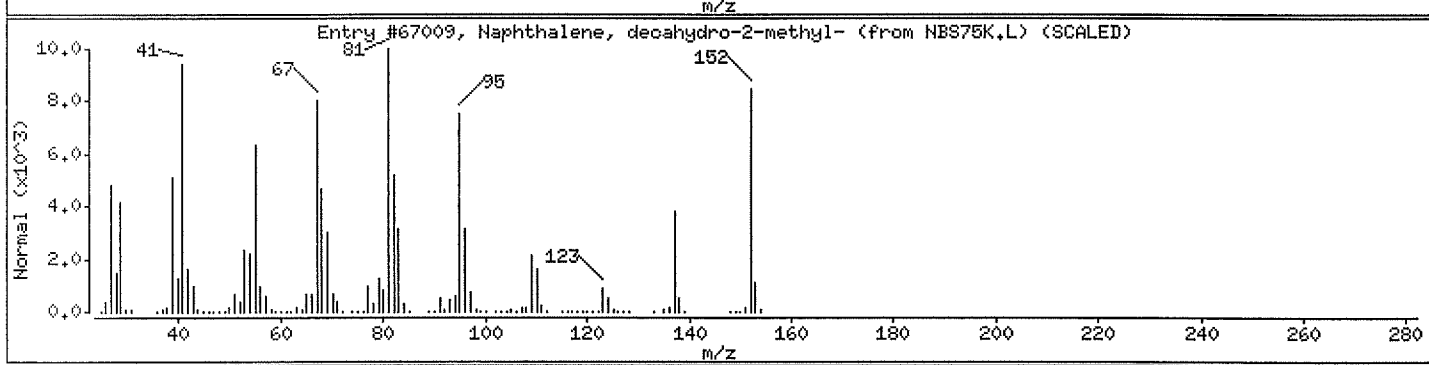
Column phase: J&W DB-624

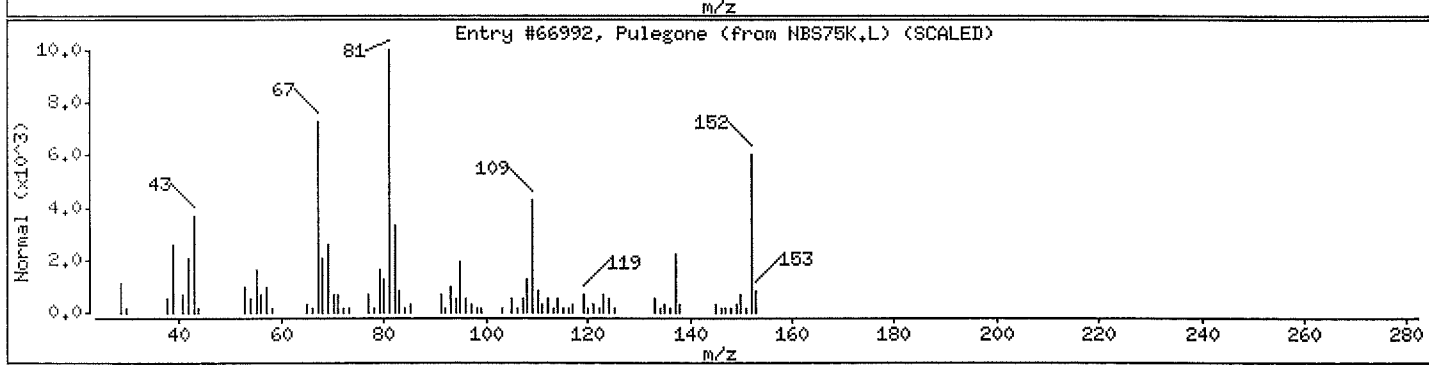
Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Spiro[3.5]nonan-1-one, 5-methyl-, trans-	65147-56-0	NBS75K.L	10377	72	C10H16O	152
Naphthalene, decahydro-2-methyl-	2958-76-1	NBS75K.L	67009	64	C11H20	152
Pulegone	89-82-7	NBS75K.L	66992	64	C10H16O	152









Data File: \\SANP2021\D\chem\md.i\1029BD.B\D13556.D

Date : 30-OCT-2000 00:42

Client ID: D13556

Instrument: md.i

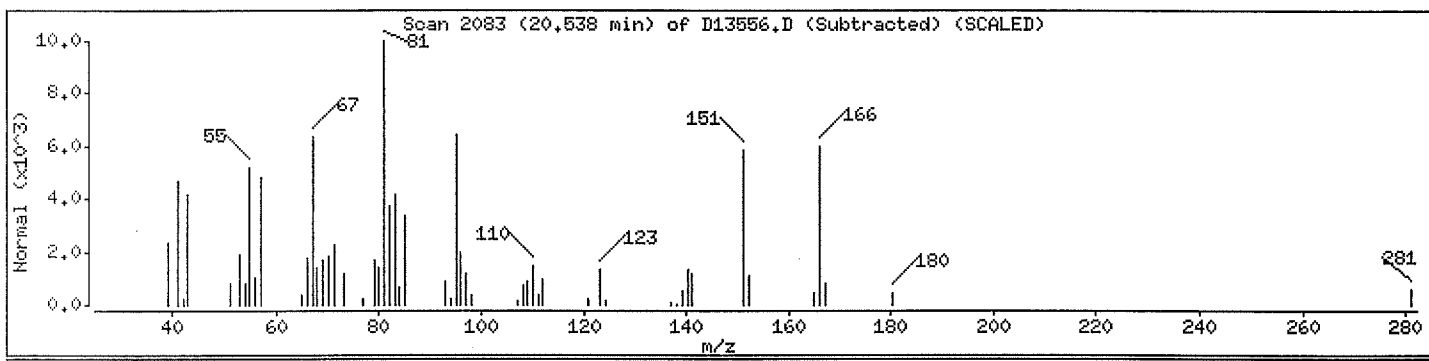
Sample Info: DNCGT1AE,,2,,0,1,0,8260BDA.M,D13556

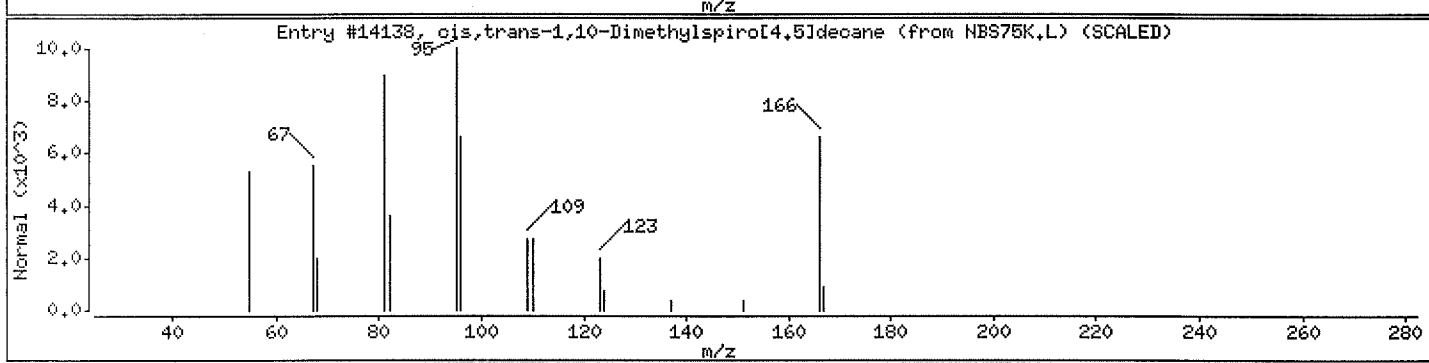
Operator: AD

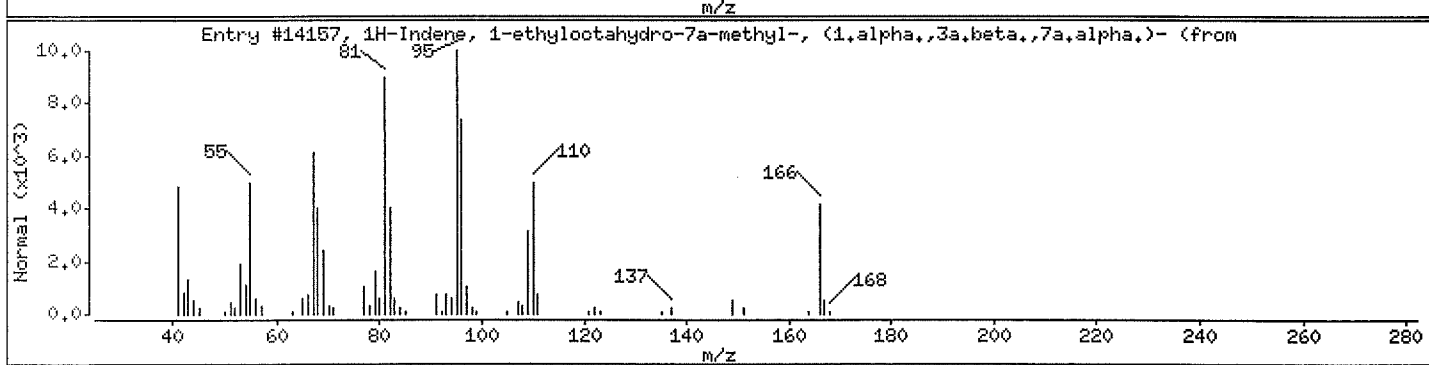
Column phase: J&W DB-624

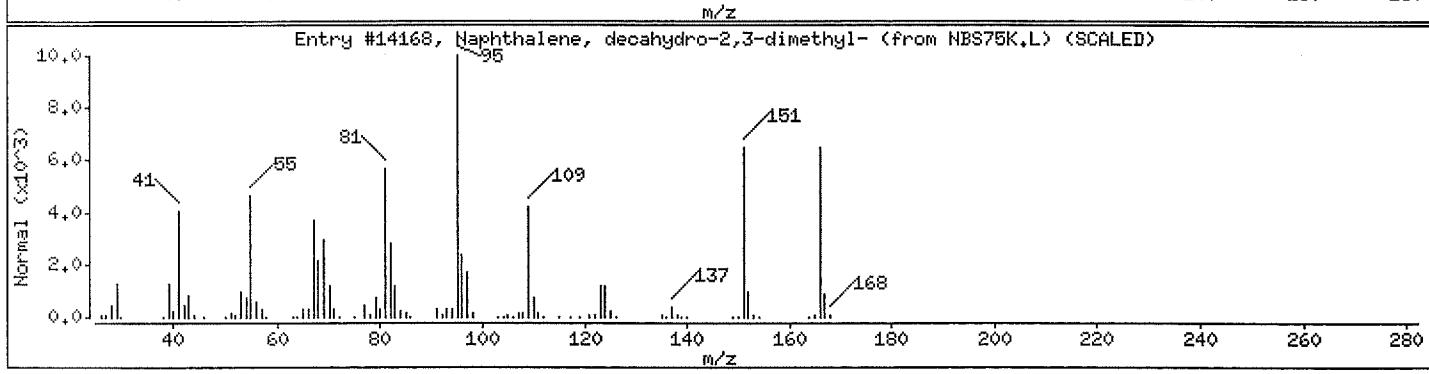
Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
cis,trans-1,10-Dimethylspiro[4.5]decane	0-00-0	NBS75K.L	14138	49	C12H22	166
1H-Indene, 1-ethyloctahydro-7a-methyl-,	56324-71-1	NBS75K.L	14157	47	C12H22	166
Naphthalene, decahydro-2,3-dimethyl-	1008-80-6	NBS75K.L	14168	45	C12H22	166









Data File: \\SANP2021\D\chem\md.i\1029BD.B\D13556.D

Date : 30-OCT-2000 00:42

Client ID: D13556

Instrument: md.i

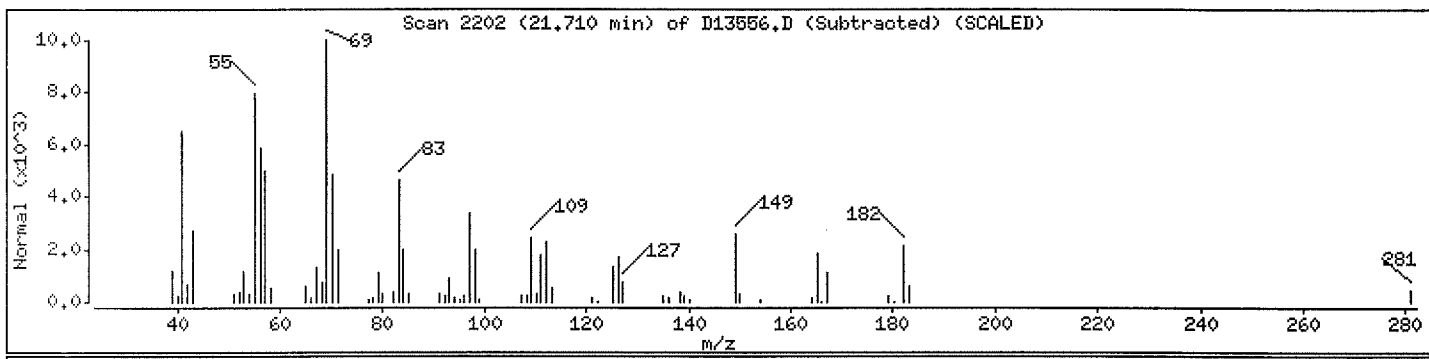
Sample Info: DNCGT1AE,,2,,0,1,0,8260BDA.M,D13556

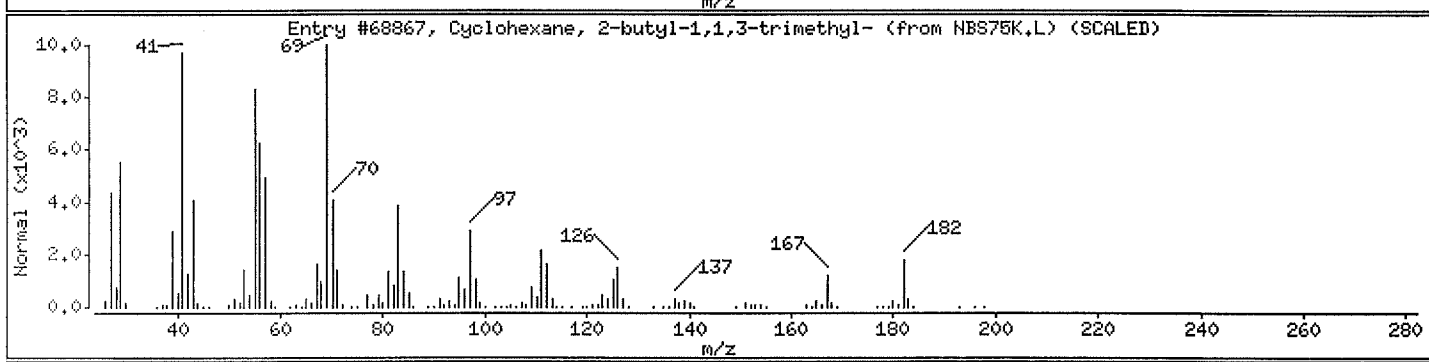
Operator: AD

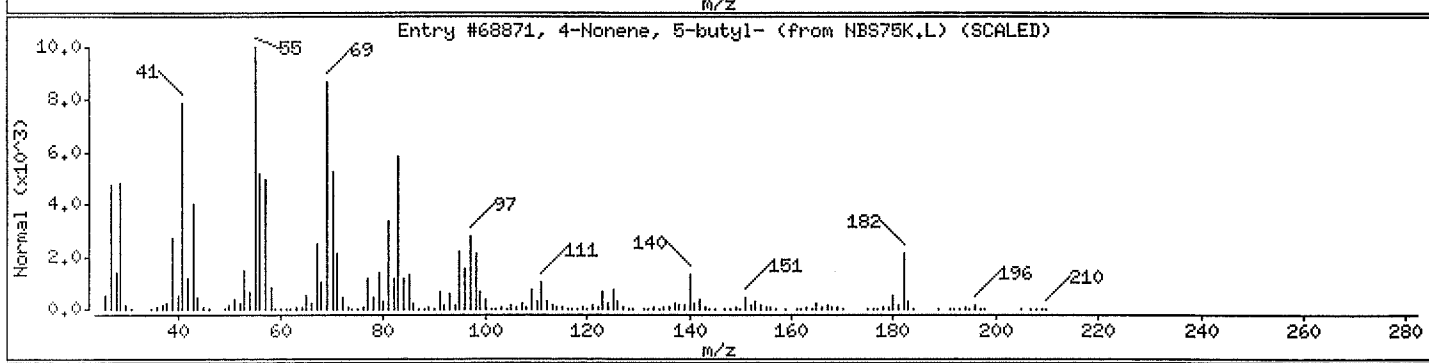
Column phase: J&W DB-624

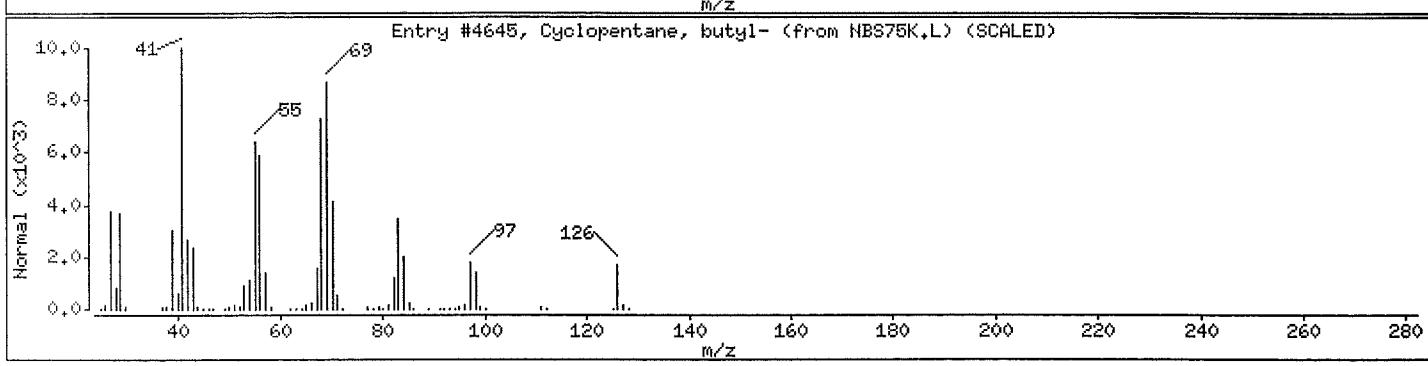
Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, 2-butyl-1,1,3-trimethyl-	54676-39-0	NBS75K.L	68867	95	C13H26	182
4-Nonene, 5-butyl-	7367-38-6	NBS75K.L	68871	76	C13H26	182
Cyclopentane, butyl-	2040-95-1	NBS75K.L	4645	62	C9H18	126









Data File: \\SANP2021\D\chem\md.i\1029BD.B\D13556.D

Date : 30-OCT-2000 00:42

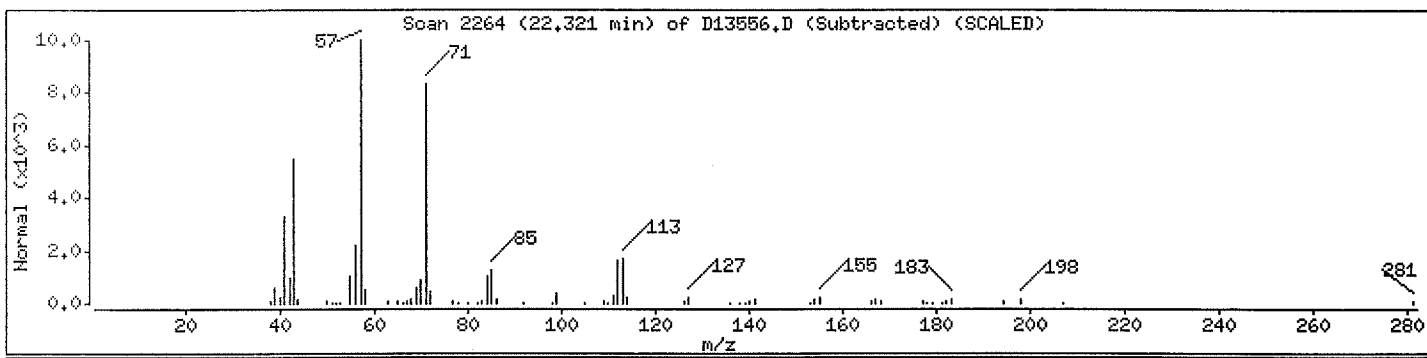
Client ID: D13556 Instrument: md.i

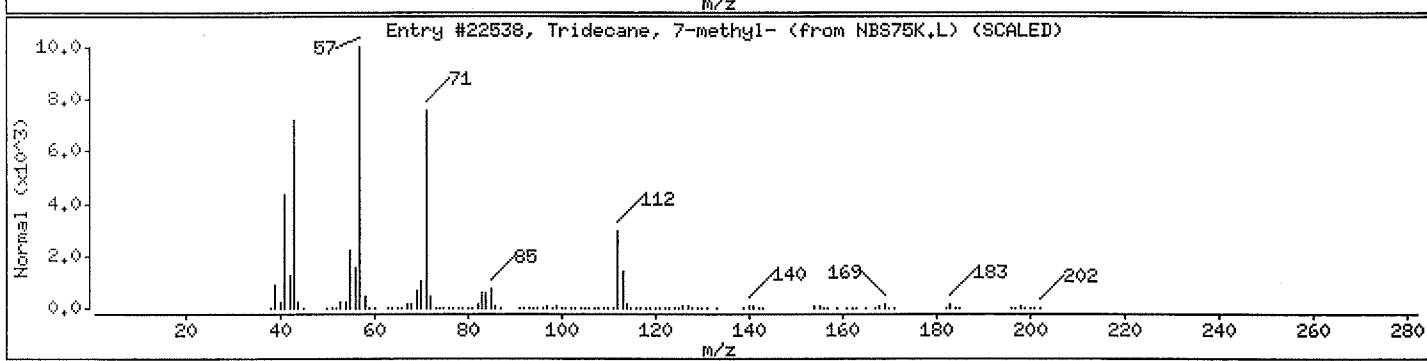
Sample Info: DNCGT1AE,,2,,0,1,0,8260BDA,M,D13556

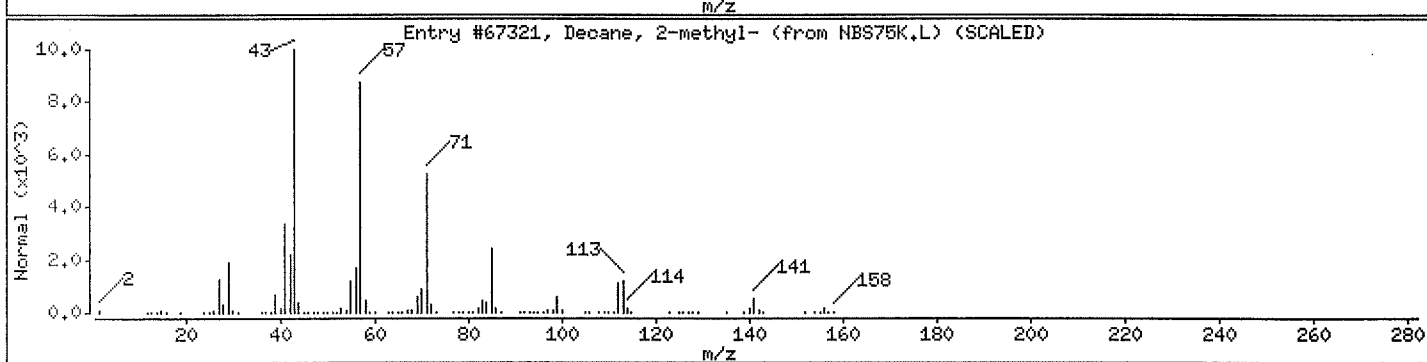
Operator: AD

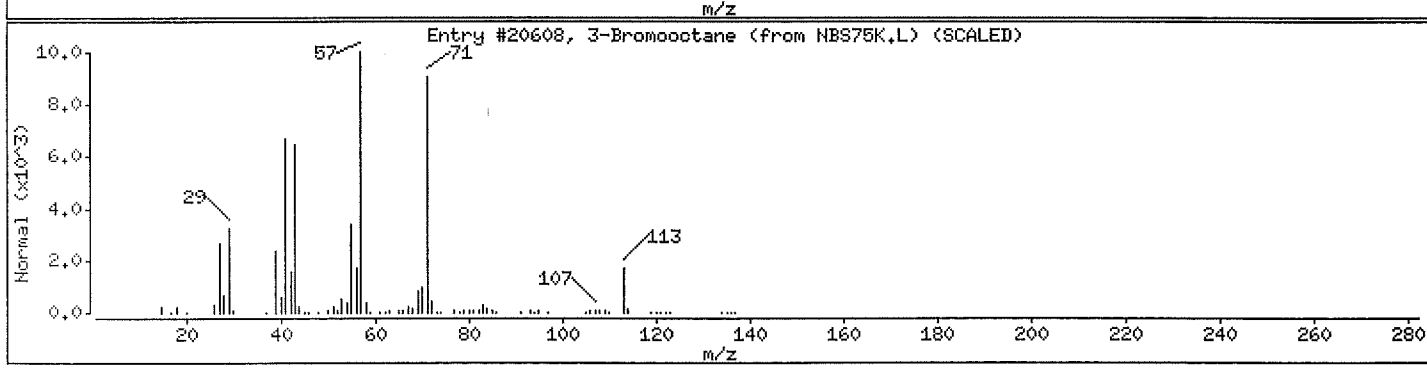
Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tridecane, 7-methyl-	26730-14-3	NBS75K.L	22538	90	C14H30	198
Decane, 2-methyl-	6975-98-0	NBS75K.L	67321	72	C11H24	156
3-Bromooctane	999-64-4	NBS75K.L	20608	53	C8H17Br	192









Data File: \\SANP2021\D\chem\md.i\1029BD.B\D13556.D

Date : 30-OCT-2000 00:42

Client ID: D13556

Instrument: md.i

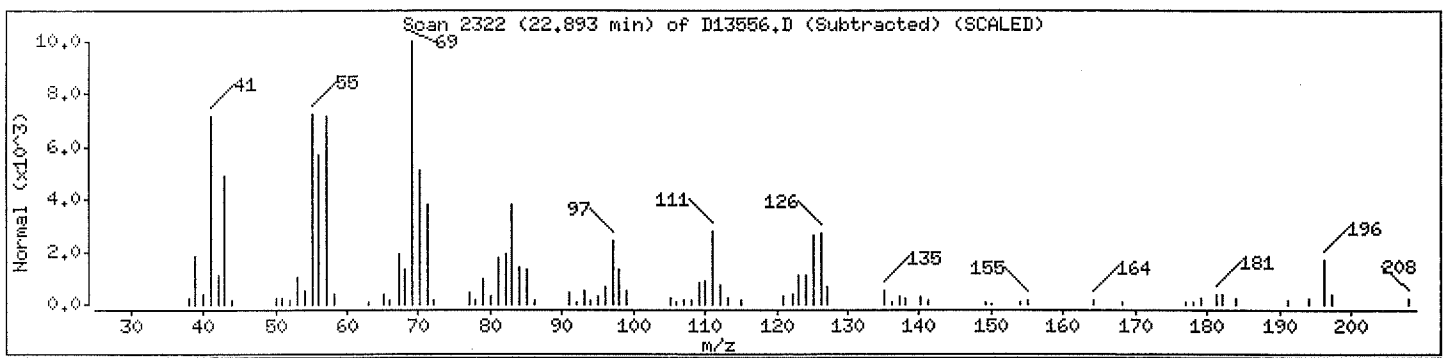
Sample Info: DNCGT1AE,,2,,0,1,0,8260BDA.M,D13556

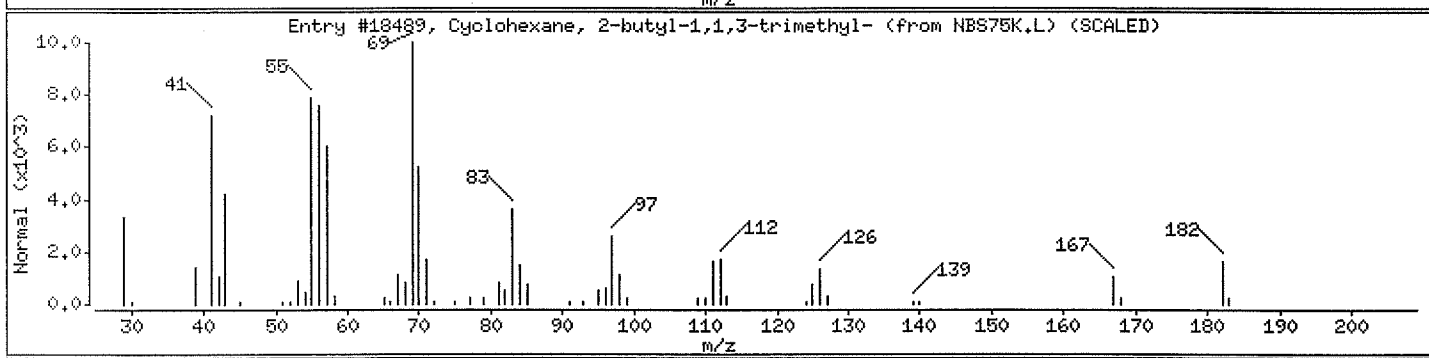
Operator: AD

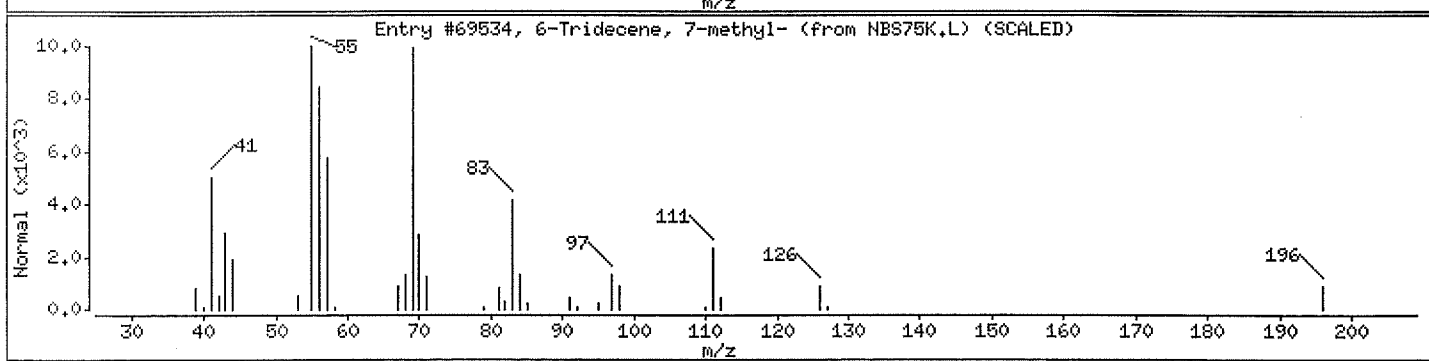
Column phase: J&W DB-624

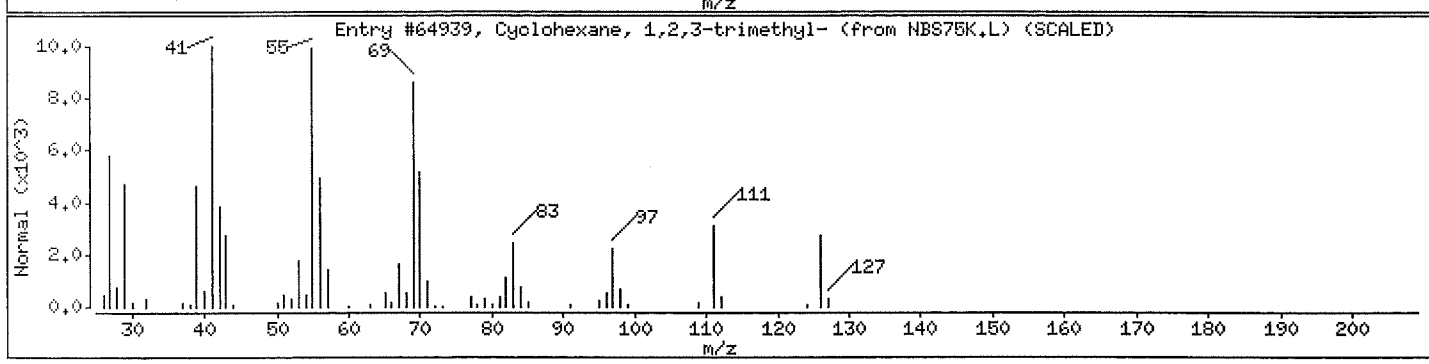
Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, 2-butyl-1,1,3-trimethyl-	54676-39-0	NBS75K.L	18489	81	C13H26	182
6-Tridecene, 7-methyl-	24949-42-6	NBS75K.L	69534	76	C14H28	196
Cyclohexane, 1,2,3-trimethyl-	1678-97-3	NBS75K.L	64939	62	C9H18	126









Data File: \\SANP2021\D\chem\md.i\1029BD.B\D13556.D

Date : 30-OCT-2000 00:42

Client ID: D13556

Instrument: md.i

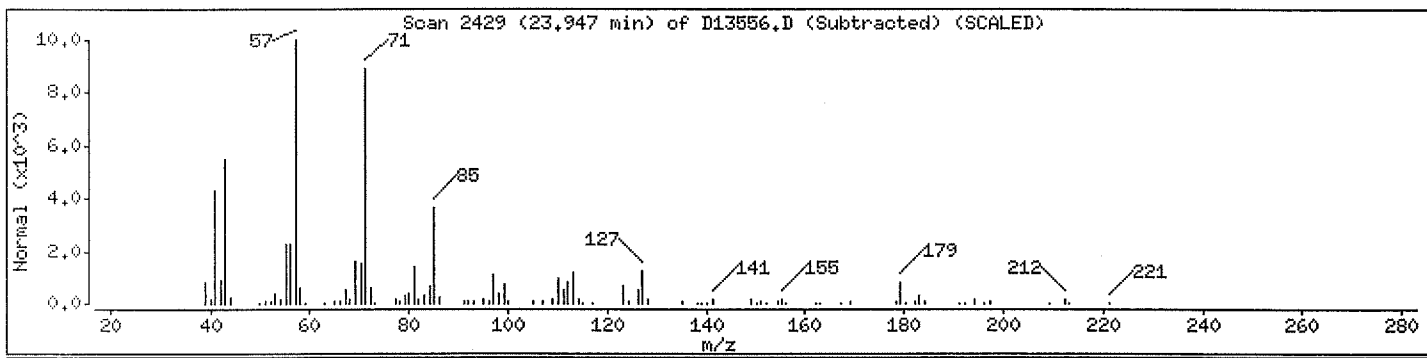
Sample Info: DNCGT1AE,,2,,0,1,0,8260BDA.M,D13556

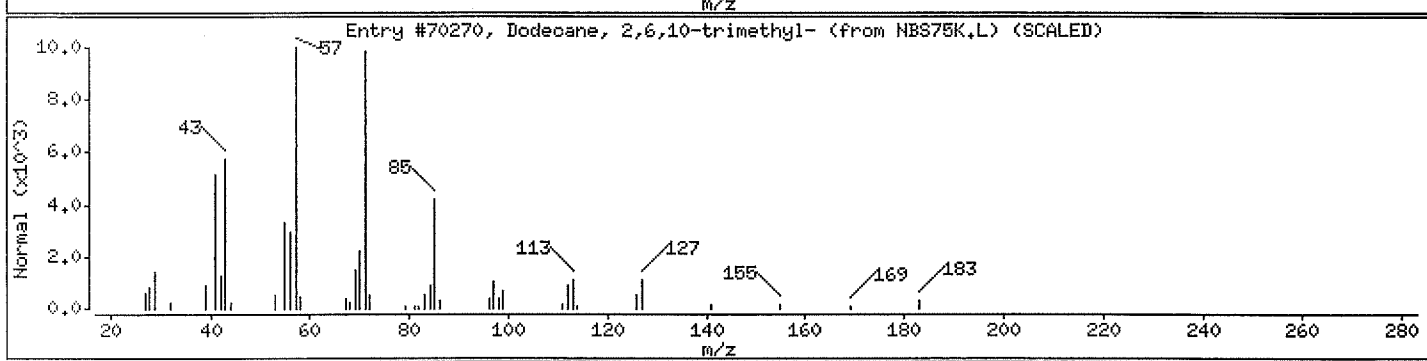
Operator: AD

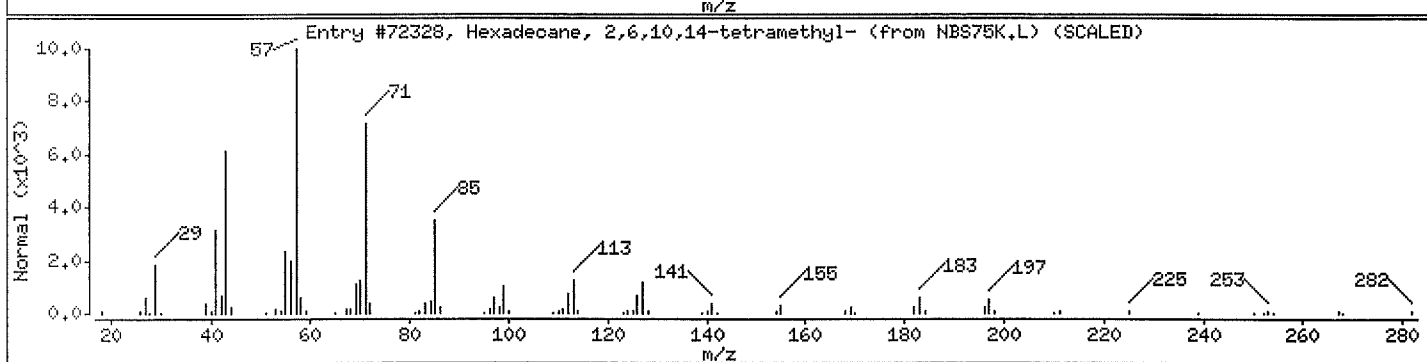
Column phase: J&W DB-624

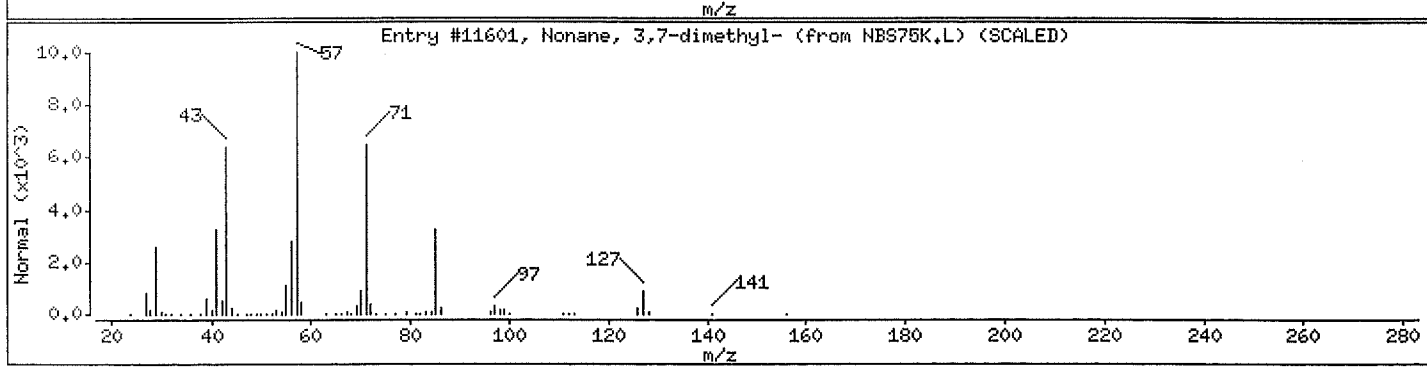
Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NBS75K.L	70270	90	C15H32	212
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NBS75K.L	72328	86	C20H42	282
Nonane, 3,7-dimethyl-	17302-32-8	NBS75K.L	11601	81	C11H24	156









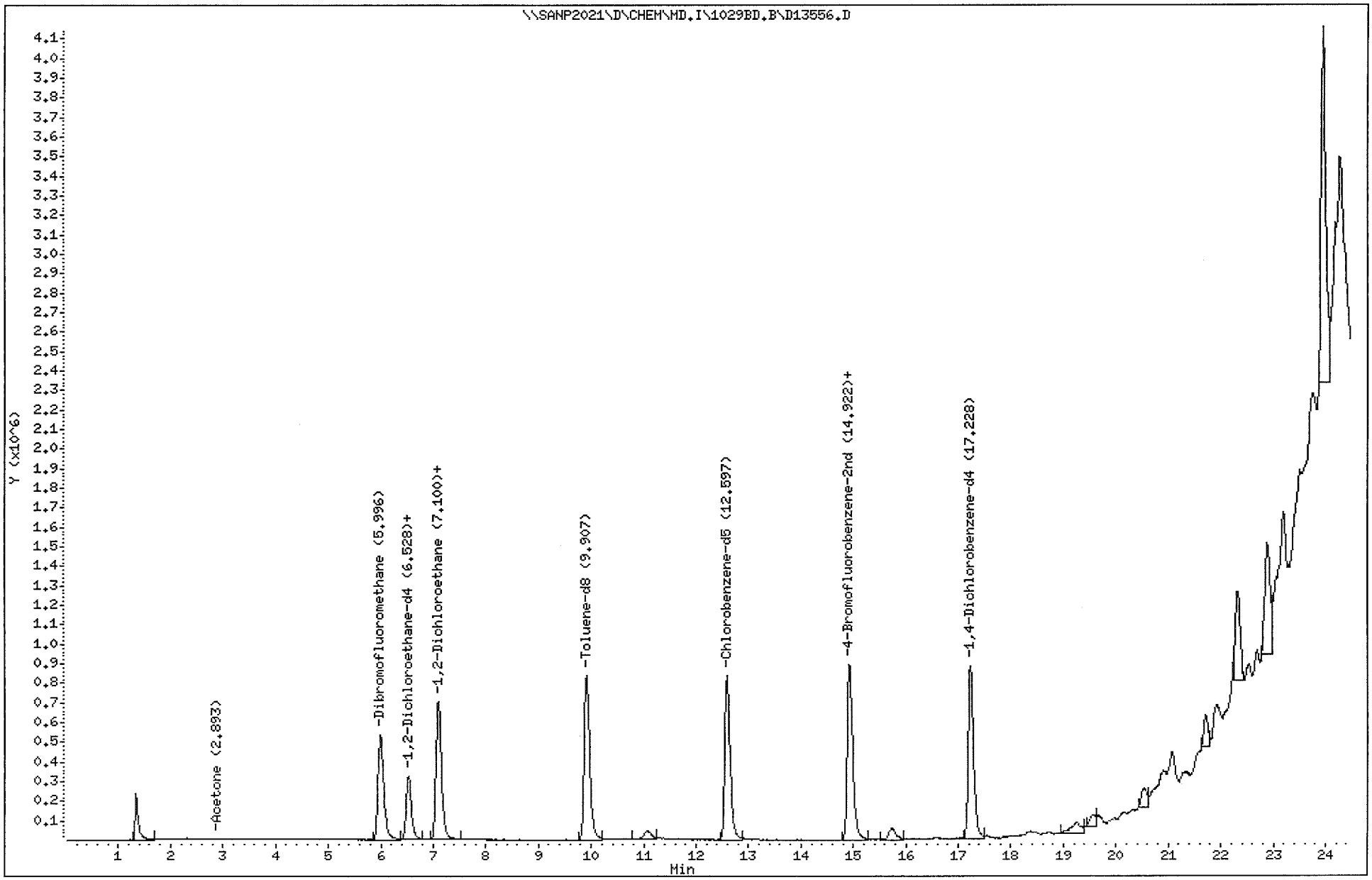
Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13556.D
Date : 30-OCT-2000 00:42
Client ID: D13556
Sample Info: DNCGT1AE,,2,,0,1,0,8260BDA.M,D13556

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000613

BOE-C6-0175644

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13556.D

Date : 30-OCT-2000 00:42

Client ID: D13556

Instrument: md.i

Sample Info: DNCGT1AE,,2,,0,1,0,8260BDA.M,D13556

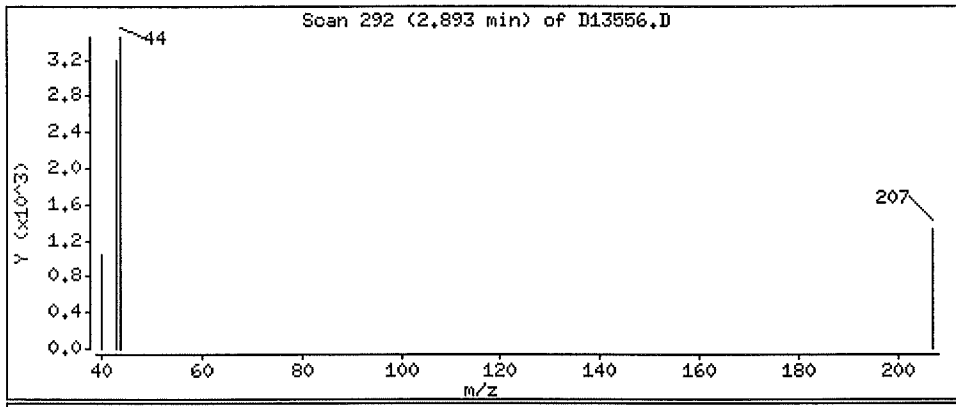
Operator: AD

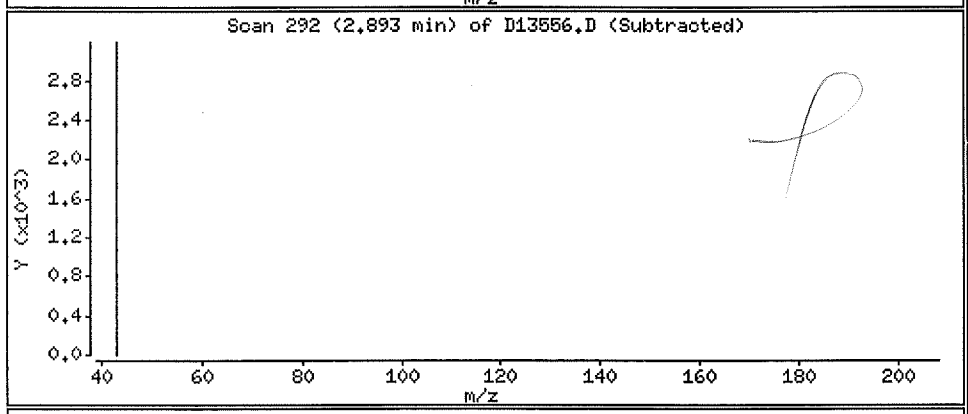
Column phase: J&W DB-624

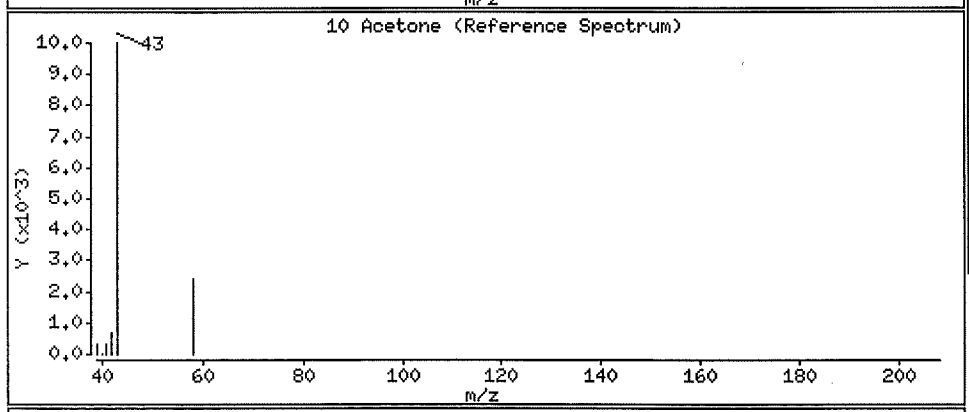
Column diameter: 0.53

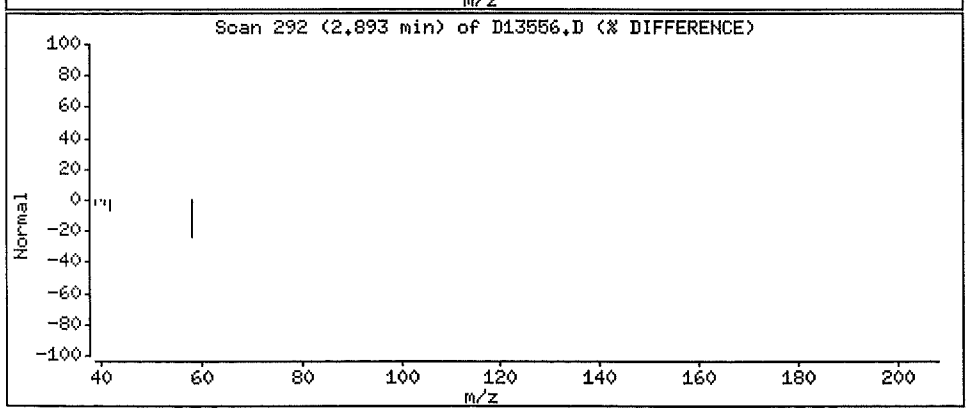
10 Acetone

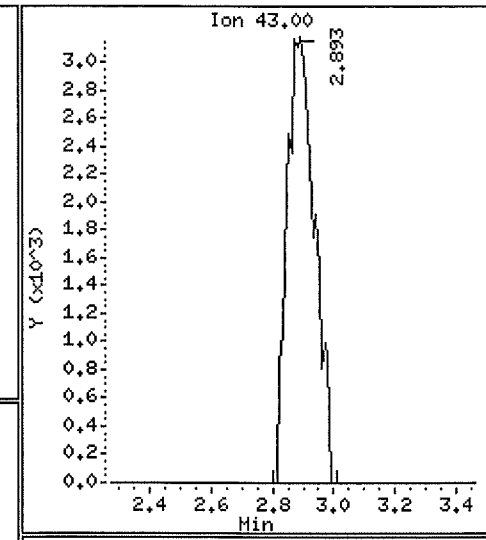
Concentration: 7.20 ug/Kg

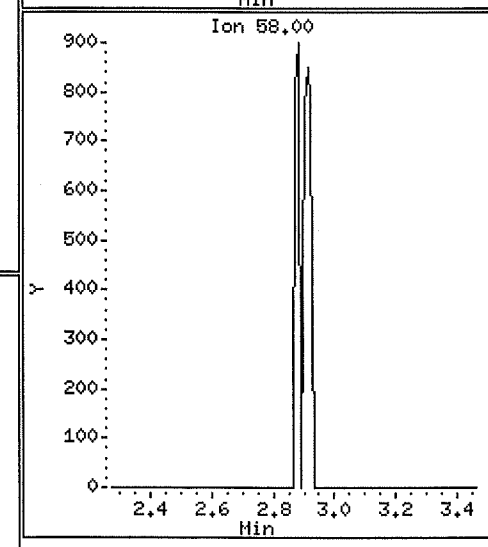












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13556.D

Date : 30-OCT-2000 00:42

Client ID: D13556

Instrument: md.i

Sample Info: DNCGT1AE,,2,,0,1,0,8260BDA.M,D13556

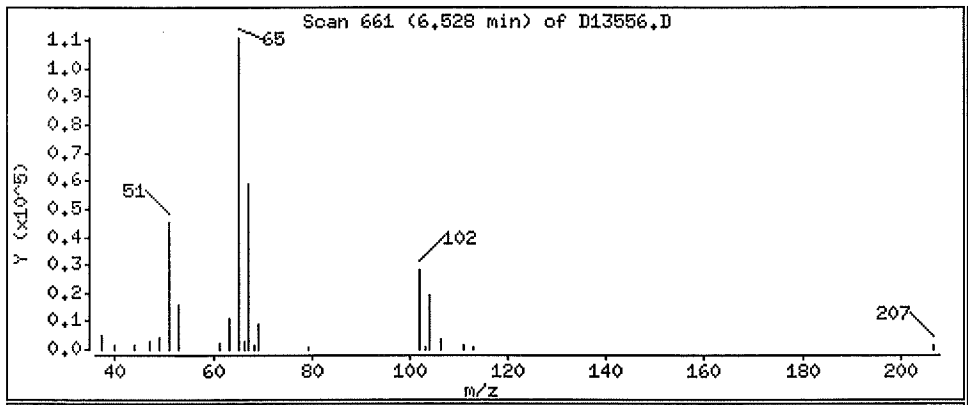
Operator: AD

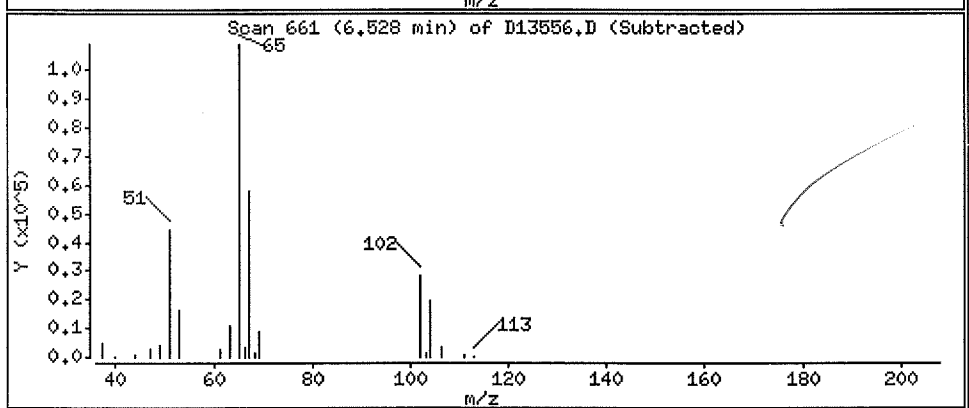
Column phase: J&W DB-624

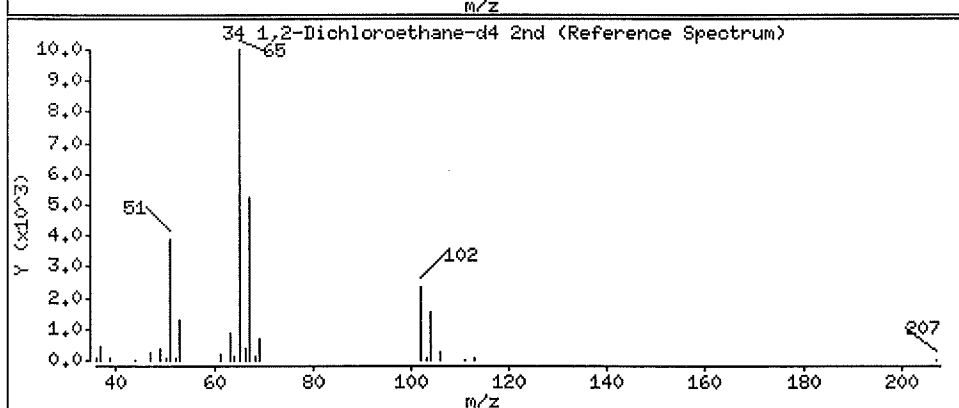
Column diameter: 0.53

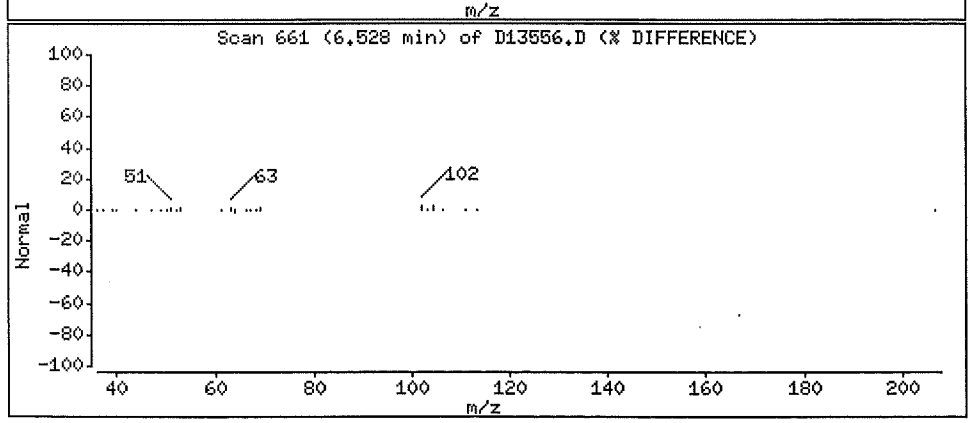
34 1,2-Dichloroethane-d4 2nd

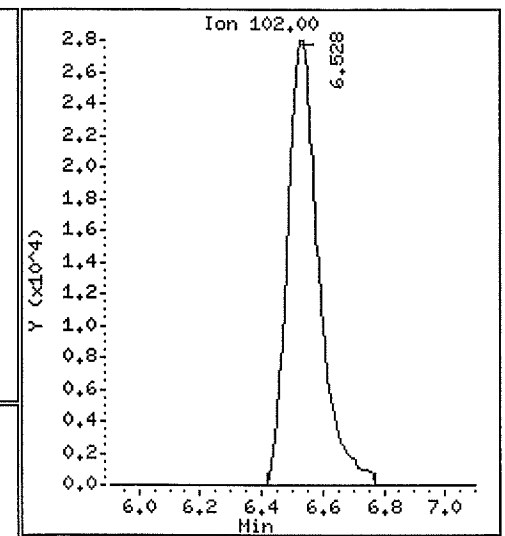
Concentration: 50.21 ug/Kg

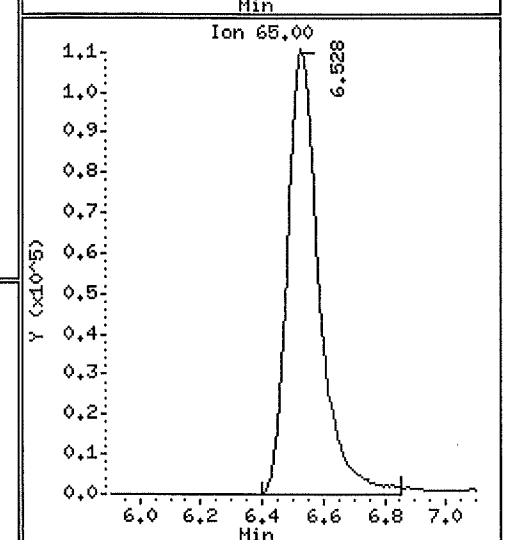












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13556.D

Date : 30-OCT-2000 00:42

Client ID: D13556

Instrument: md.i

Sample Info: DNCGT1AE,,2,,0,1,0,8260BDA.M,D13556

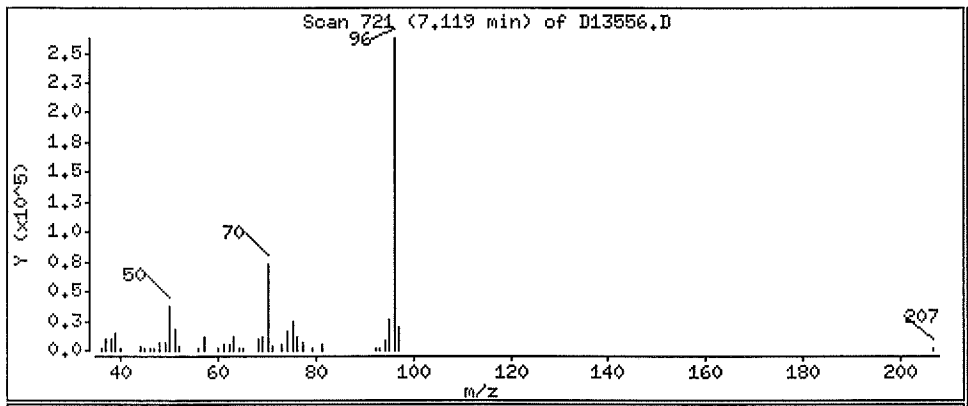
Operator: AD

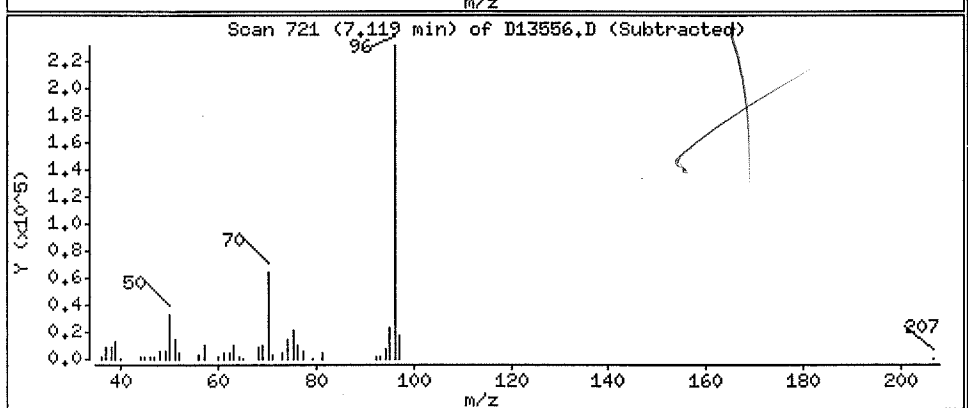
Column phase: J&W DB-624

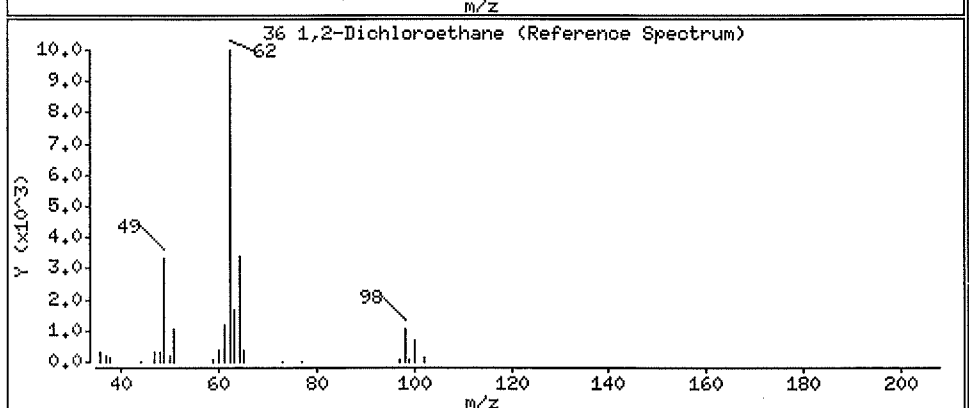
Column diameter: 0.53

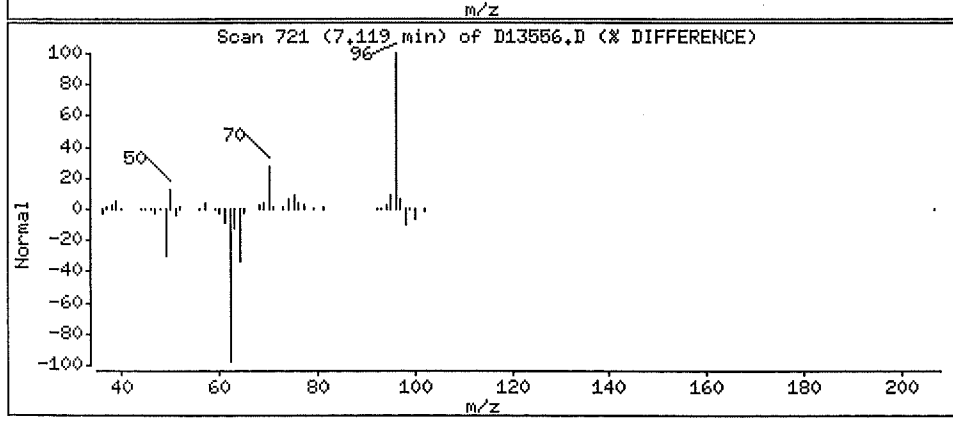
36 1,2-Dichloroethane

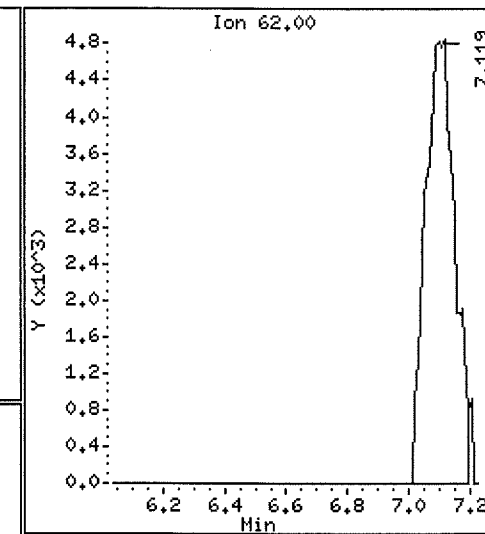
Concentration: 1.59 ug/Kg

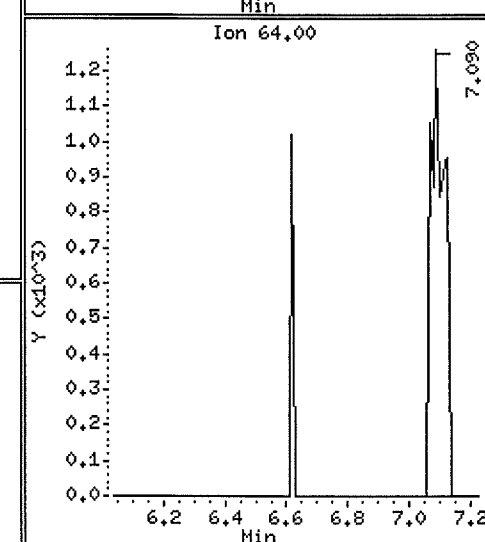


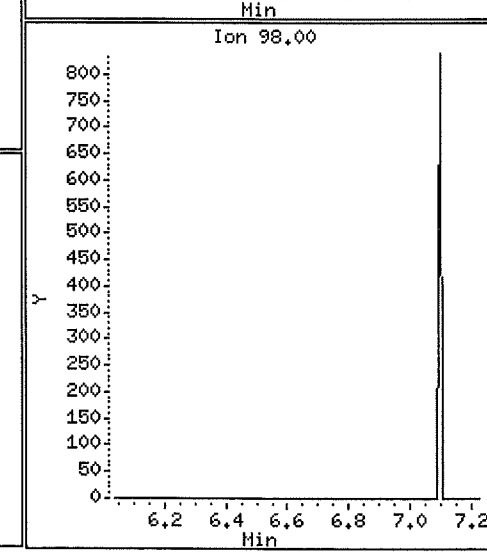












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13556.D

Date : 30-OCT-2000 00:42

Client ID: D13556

Instrument: md.i

Sample Info: DNCGT1AE,,2,,0,1,0,8260BDA.M,D13556

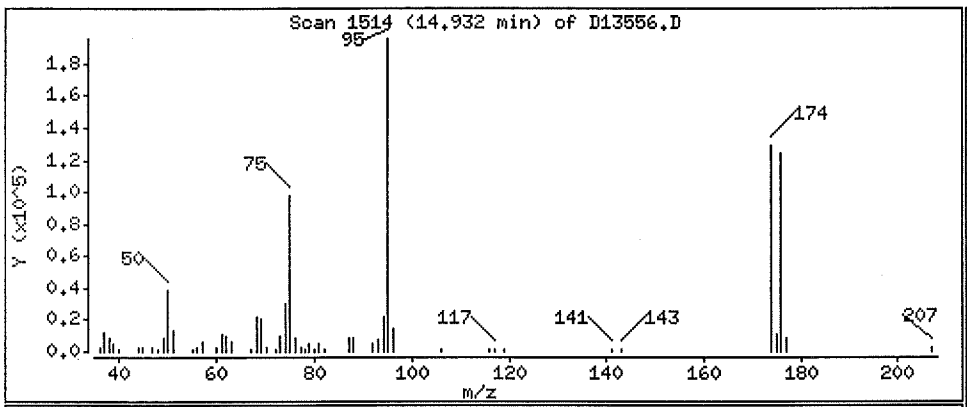
Operator: AD

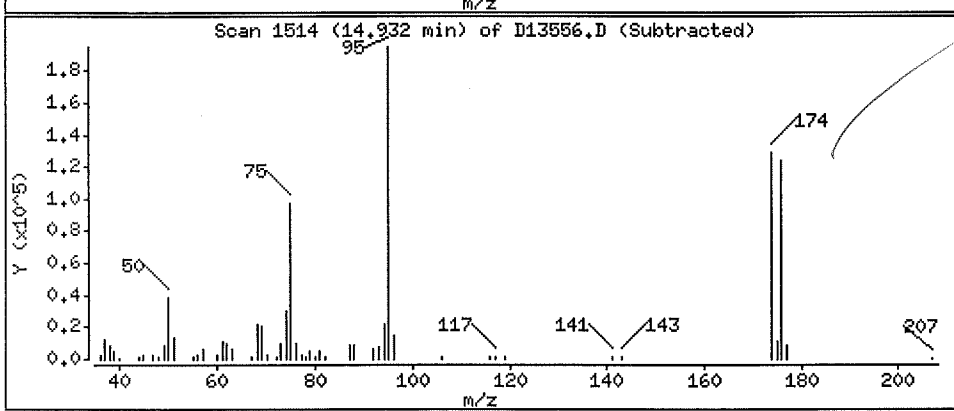
Column phase: J&W DB-624

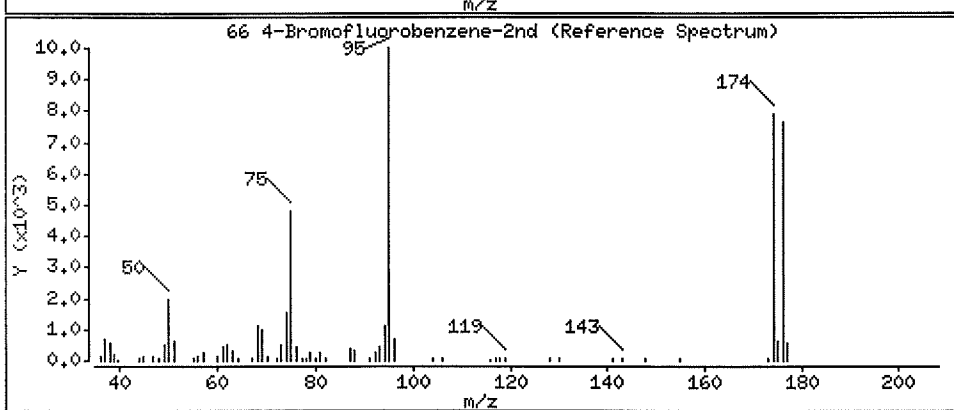
Column diameter: 0.53

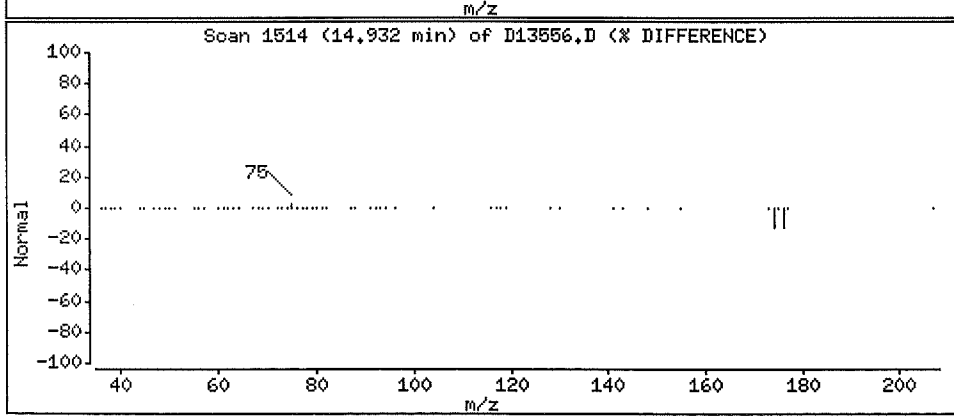
66 4-Bromofluorobenzene-2nd

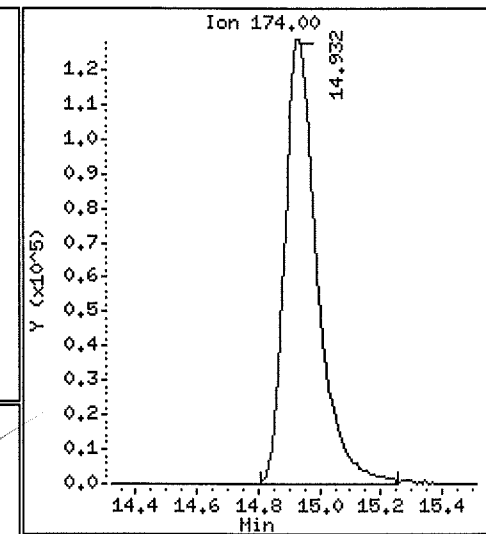
Concentration: 51.82 ug/Kg

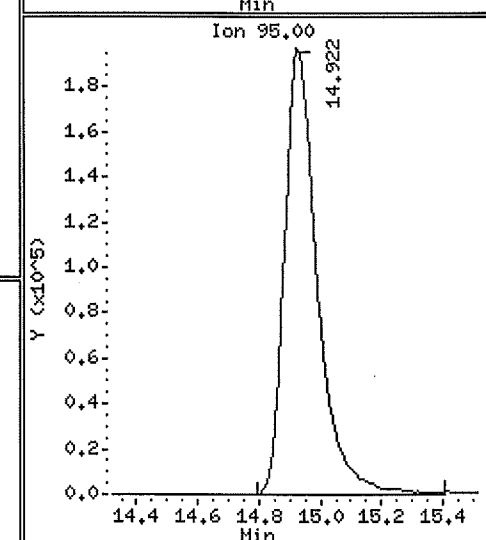


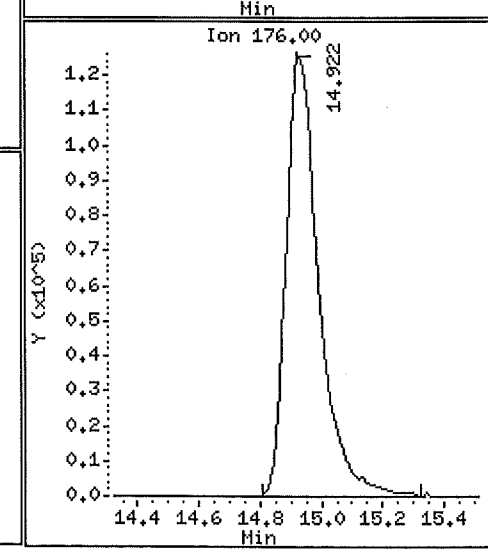












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13557.D
Lab Smp Id: DNCGW1AE Client Smp ID: D13557
Inj Date : 30-OCT-2000 01:13
Operator : AD Inst ID: md.i
Smp Info : DNCGW1AE,,2,,0,1,0,8260BDA.M,D13557
Misc Info : E0J180165-14,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.863	2.867	(0.404)	34414	11.9397	11.94(Q)
24 2-Butanone	43	5.277	5.252	(0.745)	29462	5.64381	5.64
$ 29 Dibromofluoromethane	111	5.967	5.971	(0.843)	1302086	49.5372	49.54
$ 33 1,2-Dichloroethane-d4	65	6.509	6.493	(0.919)	813293	42.4389	42.44
34 1,2-Dichloroethane-d4 2nd	102	6.509	6.503	(0.919)	194749	46.9899	46.99
36 1,2-Dichloroethane	62	7.080	6.631	(1.000)	33763	1.58641	1.59(aQ)
* 38 Fluorobenzene	96	7.080	7.074	(1.000)	2223272	50.0000	
$ 47 Toluene-d8	98	9.908	9.902	(0.787)	2165887	49.7616	49.76
* 56 Chlorobenzene-d5	117	12.587	12.582	(1.000)	1841088	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.932	14.917	(0.866)	1030990	46.6429	46.64
$ 67 4-Bromofluorobenzene	95	14.922	14.936	(0.866)	1591794	43.4293	43.43
69 1,1,2,2-Tetrachloroethane(**)	83	15.021	15.311	(0.871)	32712	1.10979	1.11(aQ)
70 1,2,3-Trichloropropane	110	15.523	15.330	(0.901)	10239	1.24341	1.24(aQ)
* 79 1,4-Dichlorobenzene-d4	152	17.238	17.232	(1.000)	1173367	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13557.D
Lab Smp Id: DNCGW1AE Client Smp ID: D13557
Inj Date : 30-OCT-2000 01:13
Operator : AD Inst ID: md.i
Smp Info : DNCGW1AE,,2,,0,1,0,8260BDA.M,D13557
Misc Info : E0J180165-14,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.080	5280067	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	1142525	10.8192267	10.82	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCGW1AE
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13557
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ aw	1.326	10.82	J

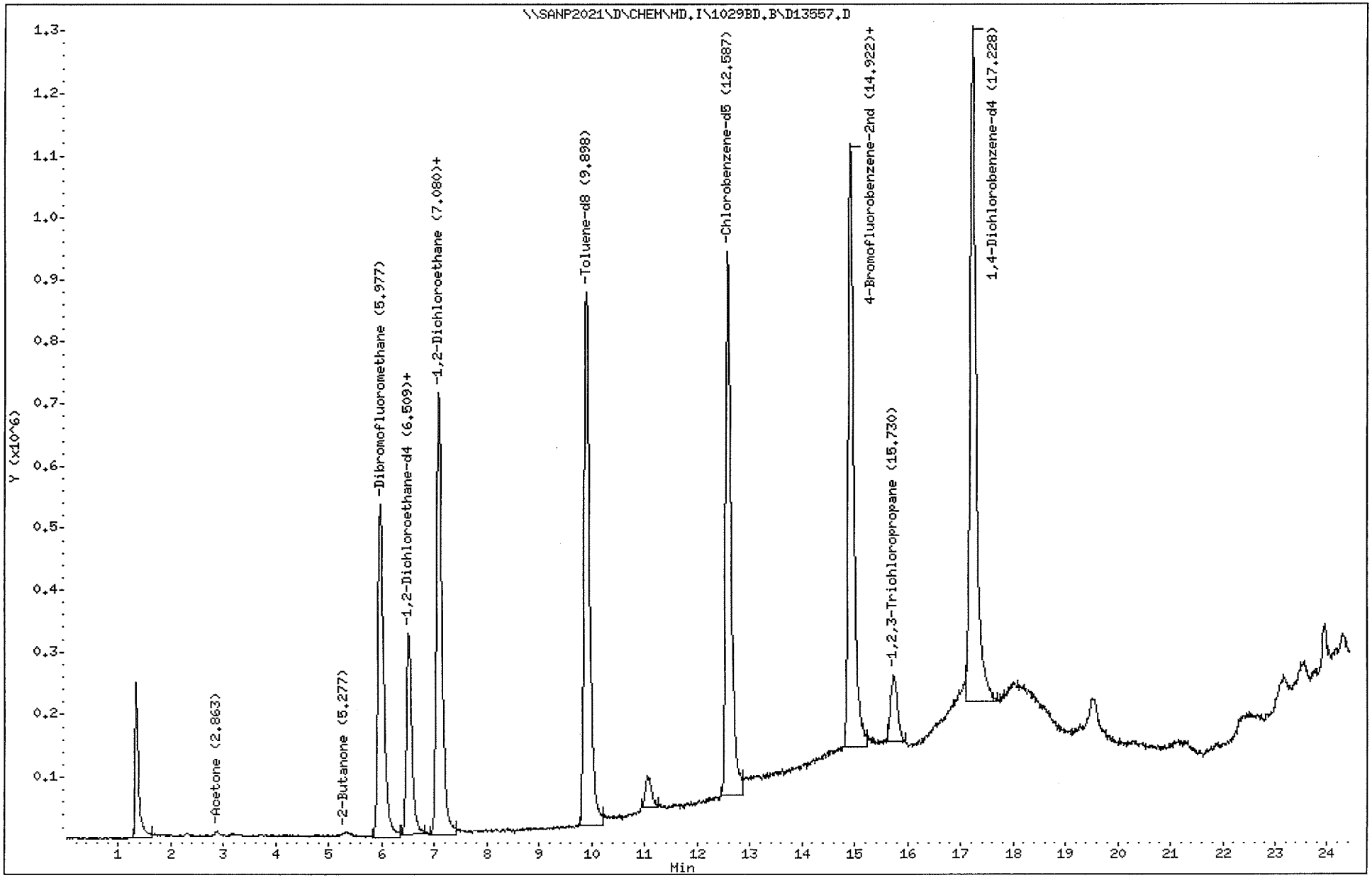
Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13557.D
Date : 30-OCT-2000 01:13
Client ID: D13557
Sample Info: DNCGW1AE,,2,,0,1,0,8260BDA.M,D13557

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000622

BOE-C6-0175653

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13557.D

Date : 30-OCT-2000 01:13

Client ID: D13557

Instrument: md.i

Sample Info: DNCGW1AE,,2,,0,1,0,8260BDA.M,D13557

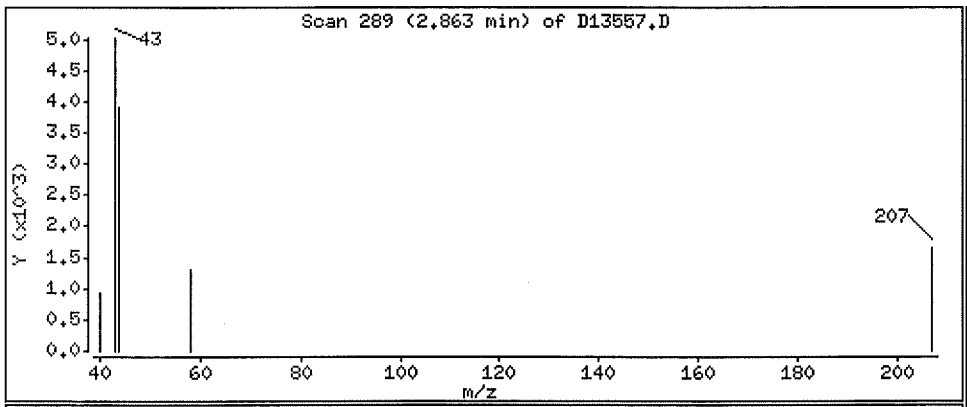
Operator: AD

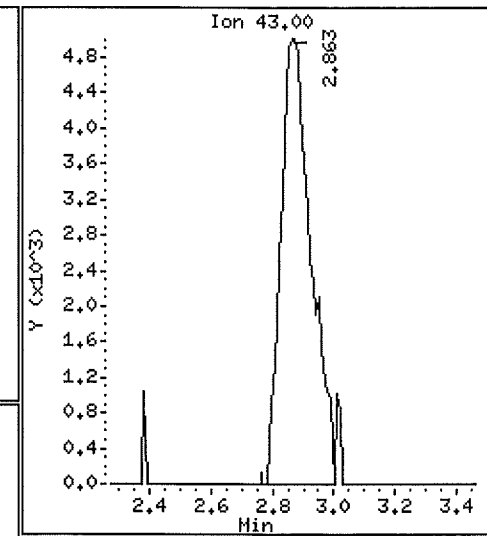
Column phase: J&W DB-624

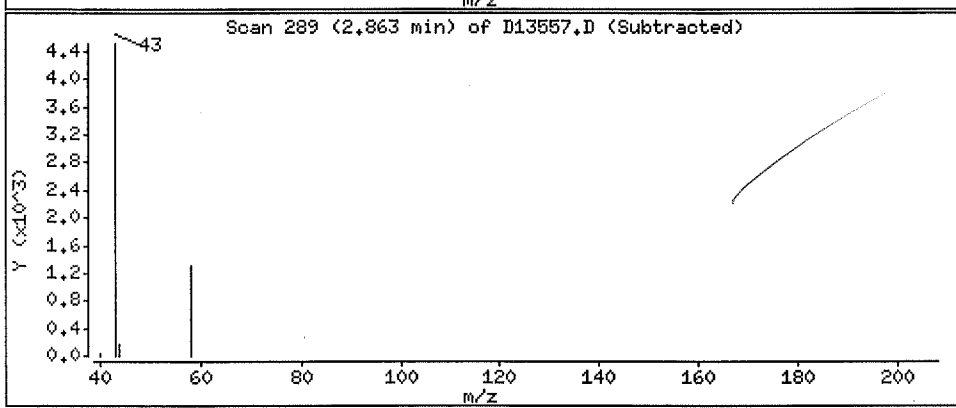
Column diameter: 0.53

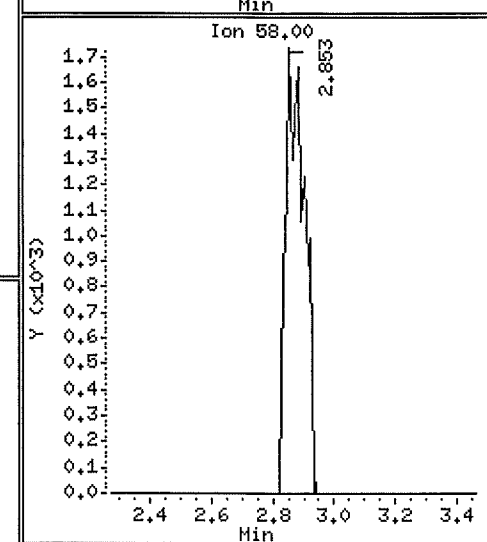
10 Acetone

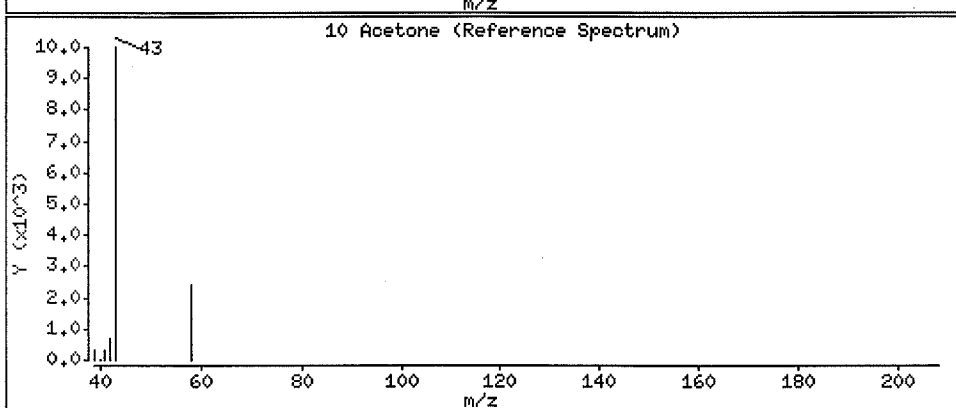
Concentration: 11.94 ug/Kg

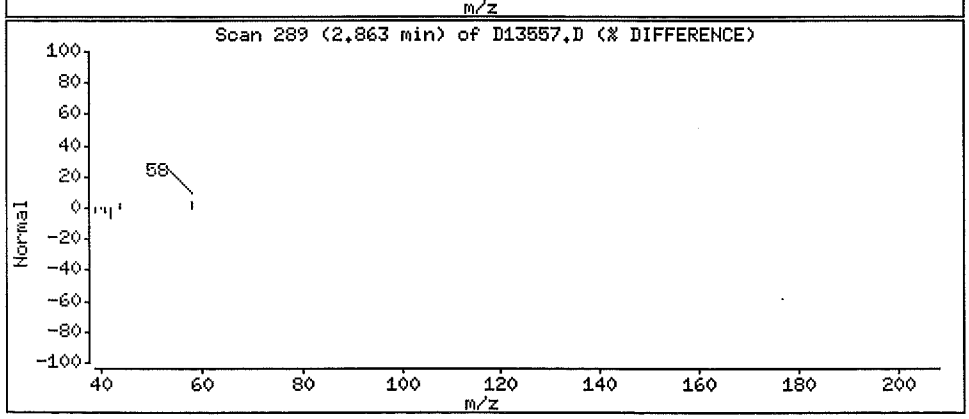












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13557.D

Date : 30-OCT-2000 01:13

Client ID: D13557

Instrument: md.i

Sample Info: DNCGW1AE,,2,,0,1,0,8260BDA.M,D13557

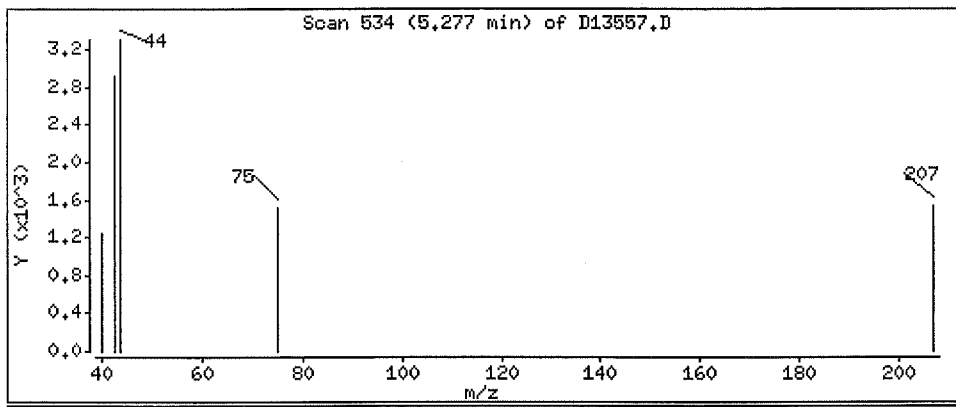
Operator: AD

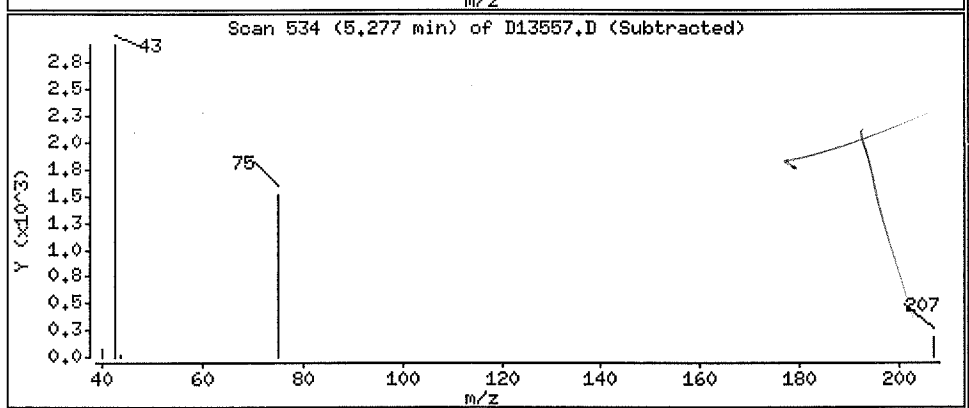
Column phase: J&W DB-624

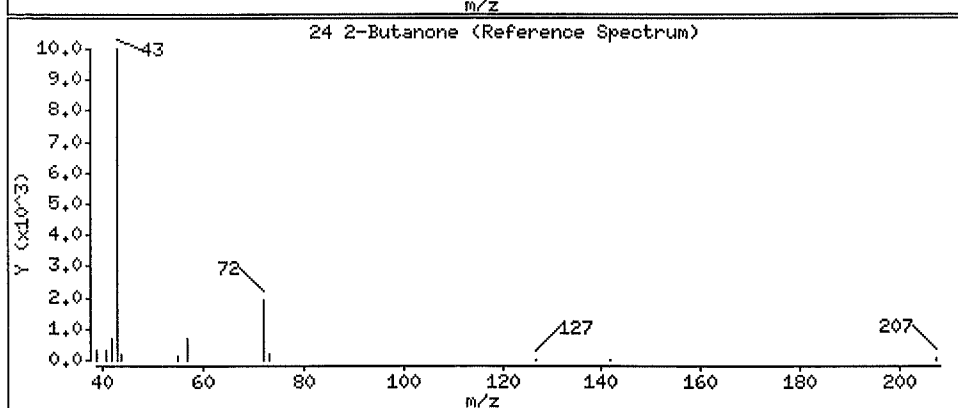
Column diameter: 0.53

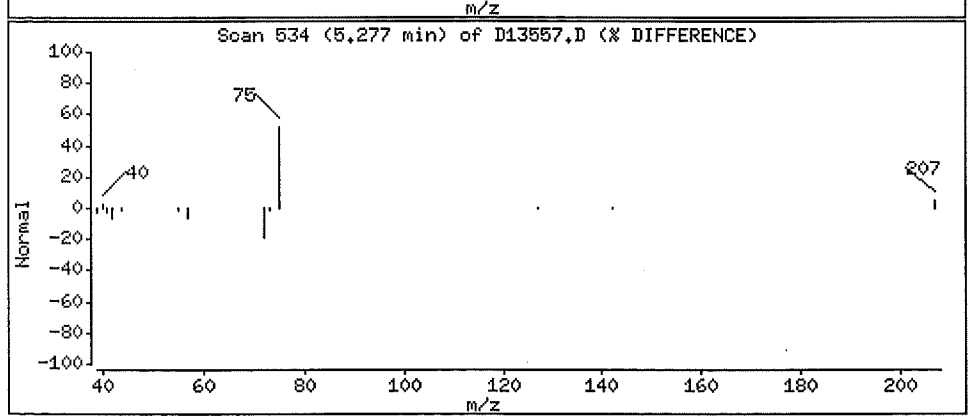
24 2-Butanone

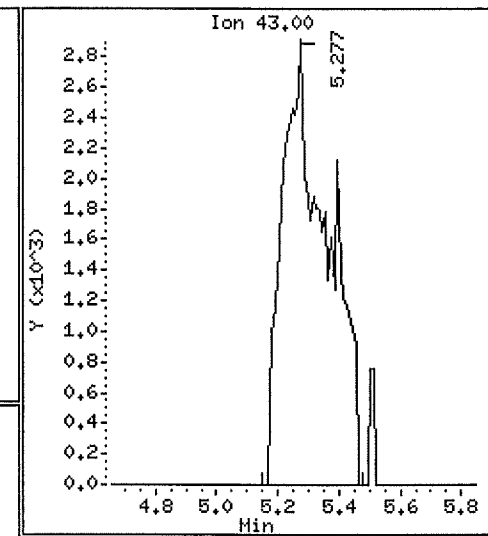
Concentration: 5.64 ug/Kg

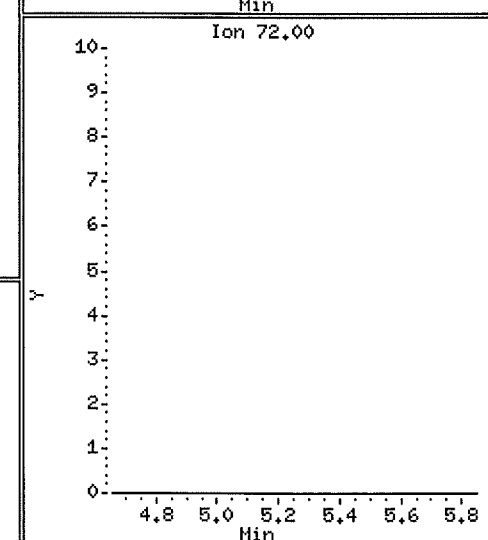












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13557.D

Date : 30-OCT-2000 01:13

Client ID: D13557

Instrument: md.i

Sample Info: DNCGW1AE,,2,,0,1,0,8260BDA,M,D13557

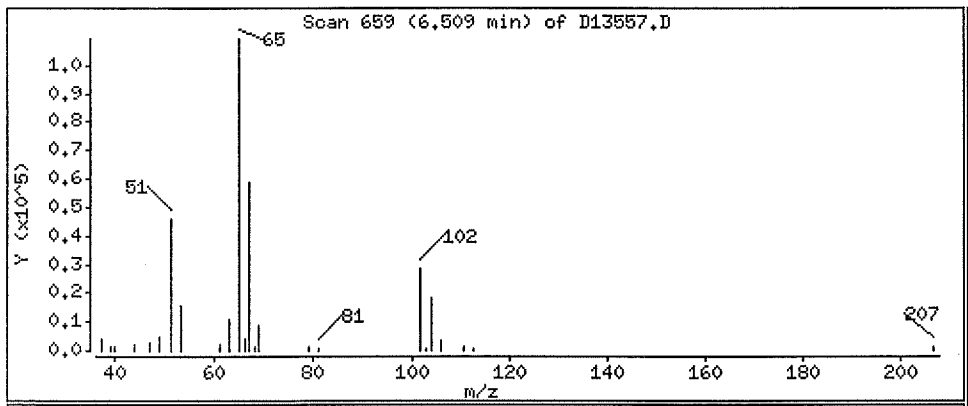
Operator: AD

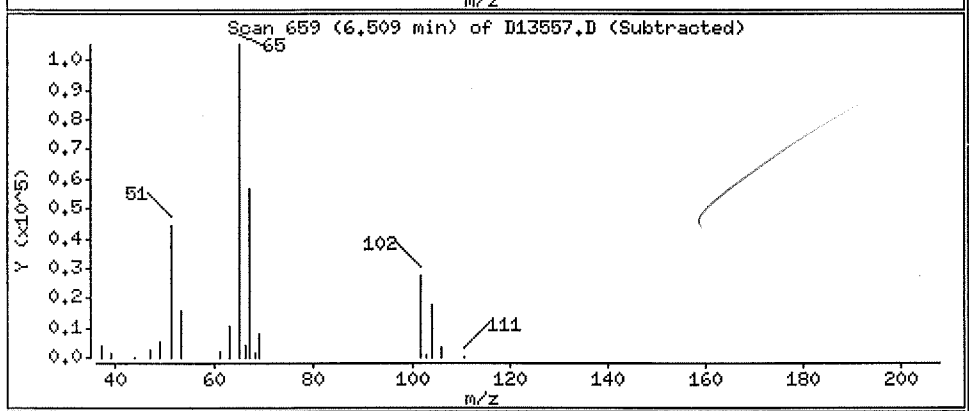
Column phase: J&W DB-624

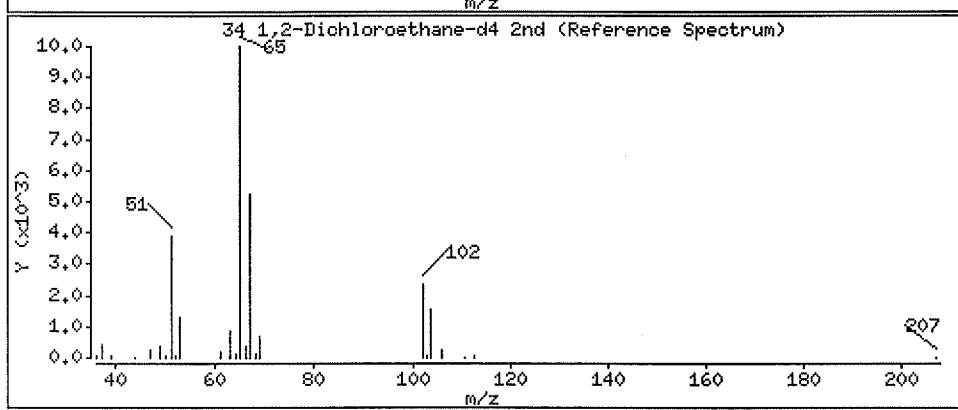
Column diameter: 0.53

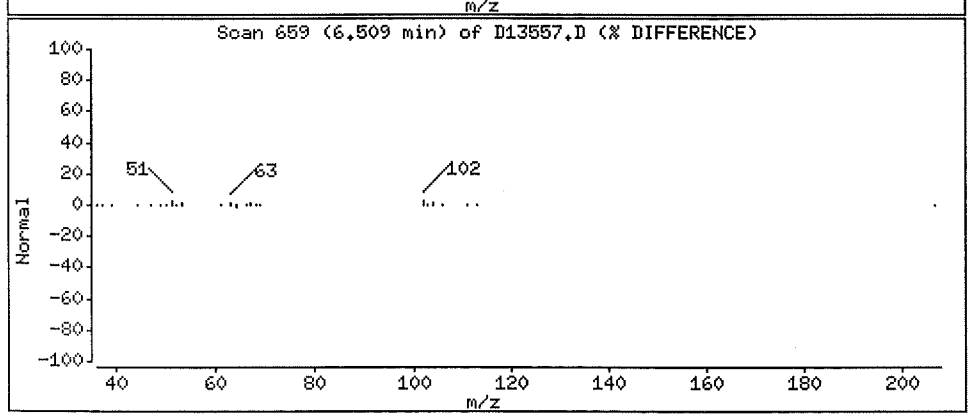
34 1,2-Dichloroethane-d4 2nd

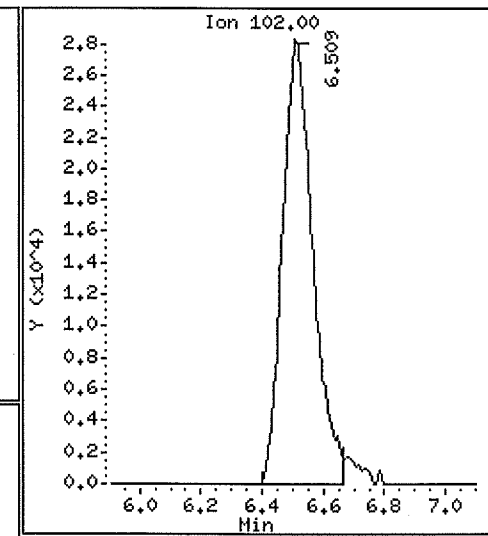
Concentration: 46.99 ug/Kg

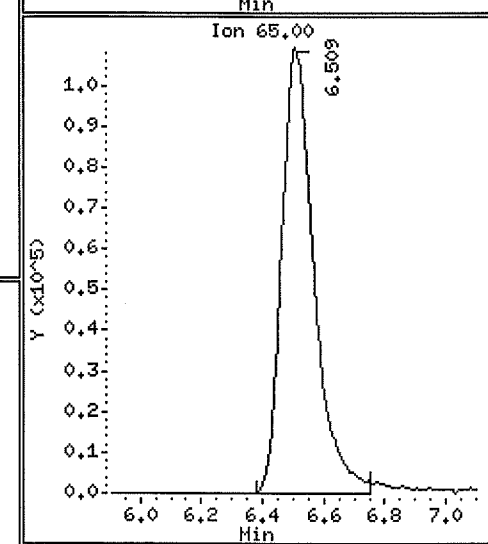












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13557.D

Date : 30-OCT-2000 01:13

Client ID: D13557

Instrument: md.i

Sample Info: DNCGW1AE,,2,,0,1,0,8260BDA.M,D13557

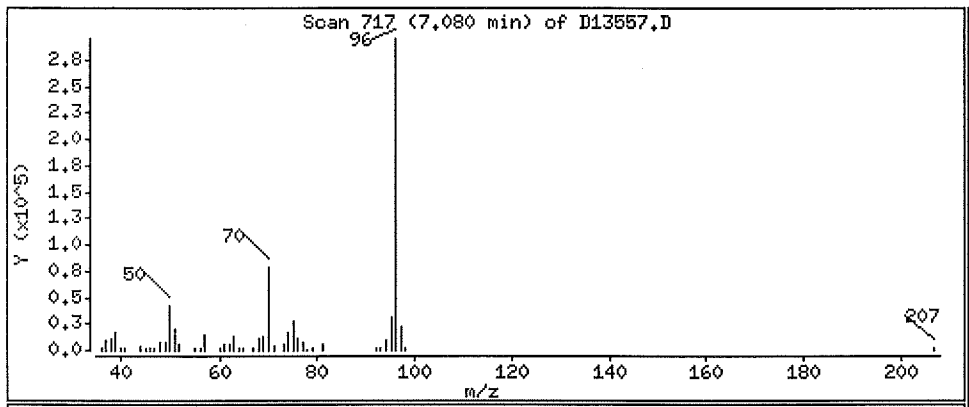
Operator: AD

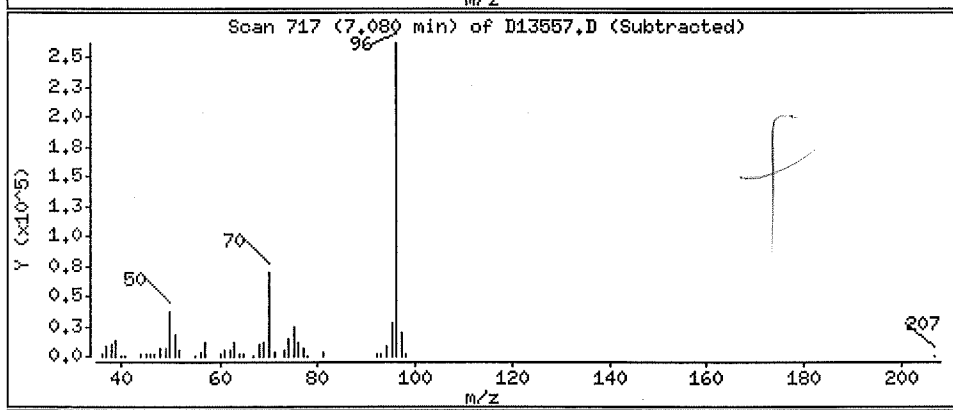
Column phase: J&W DB-624

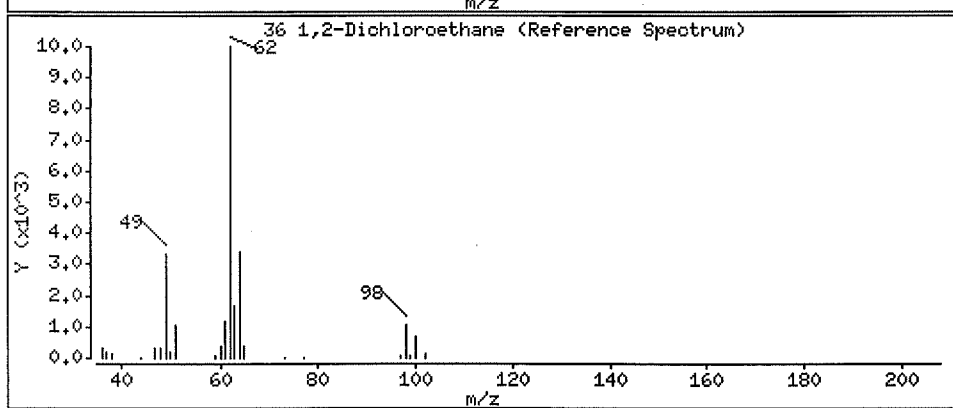
Column diameter: 0.53

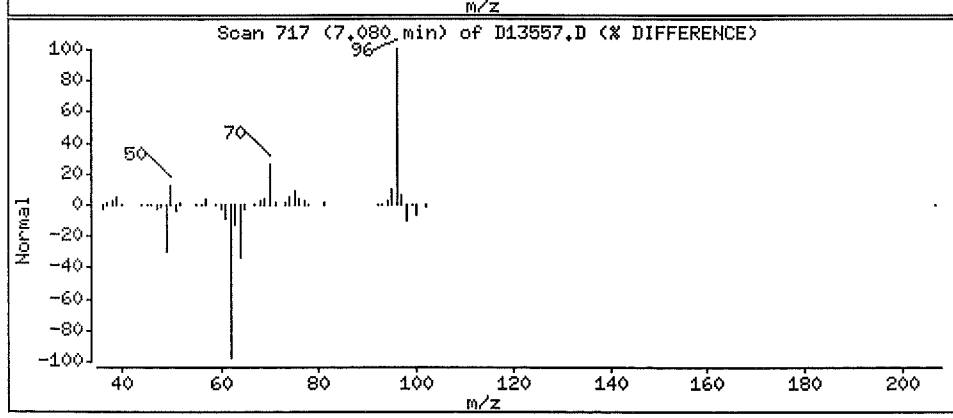
36 1,2-Dichloroethane

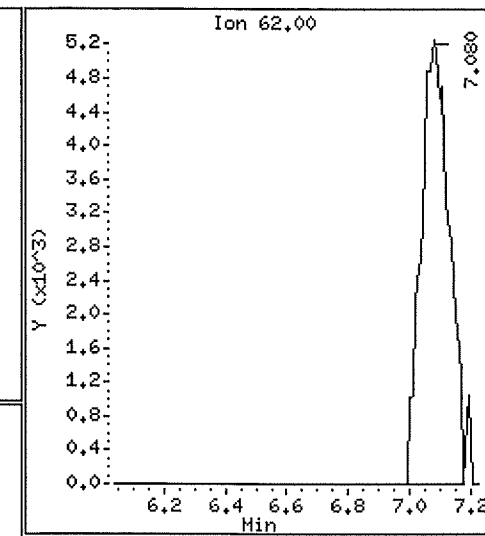
Concentration: 1.59 ug/Kg

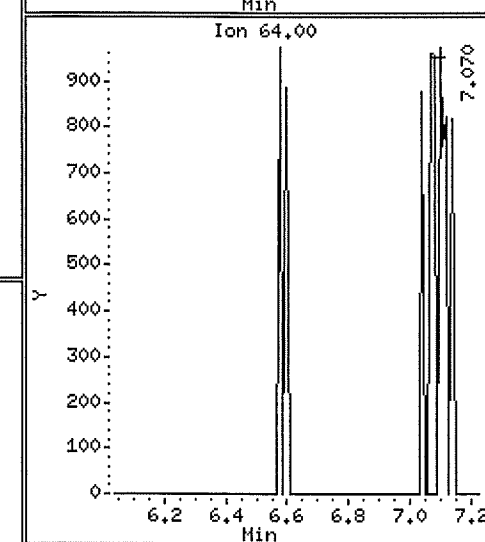


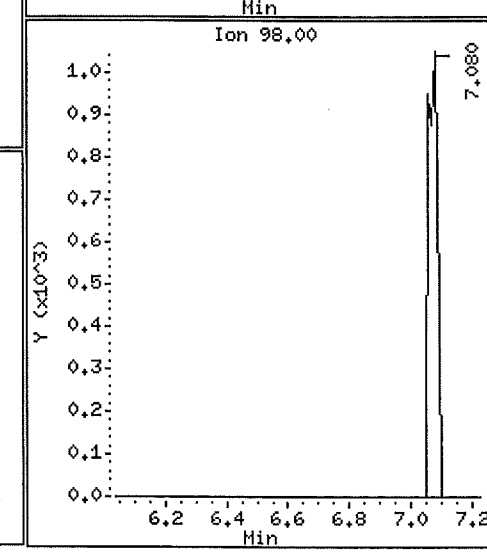












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13557.D

Date : 30-OCT-2000 01:13

Client ID: D13557

Instrument: md.i

Sample Info: DNCGW1AE,,2,,0,1,0,8260BDA.M,D13557

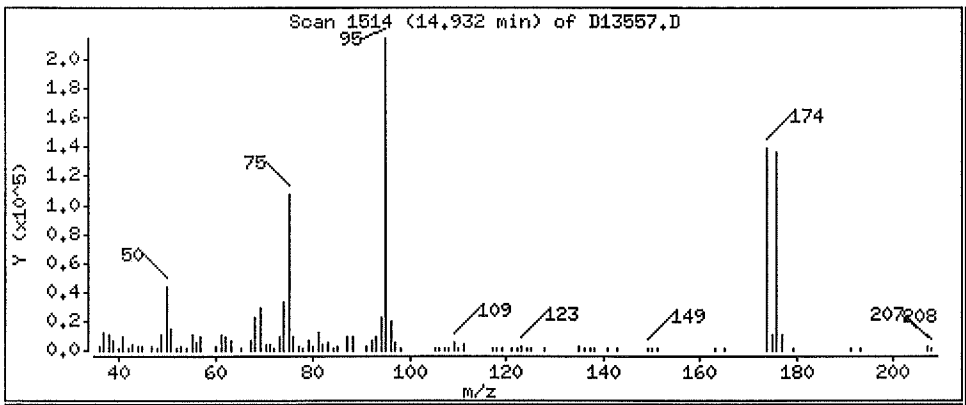
Operator: AD

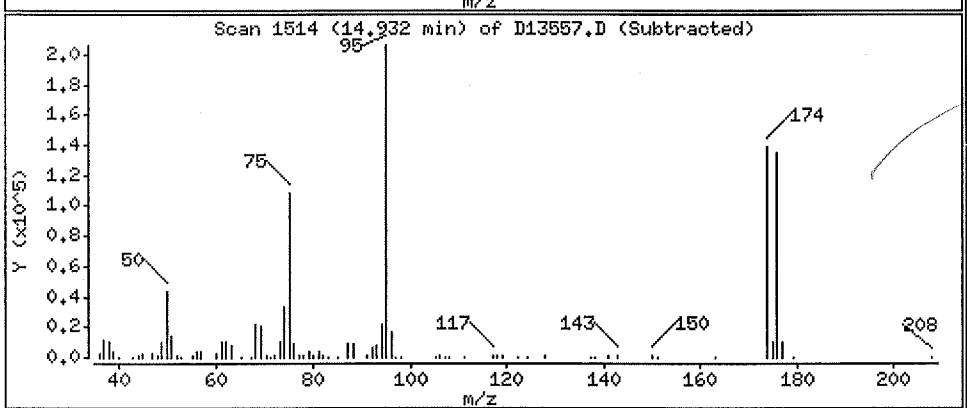
Column phase: J&W DB-624

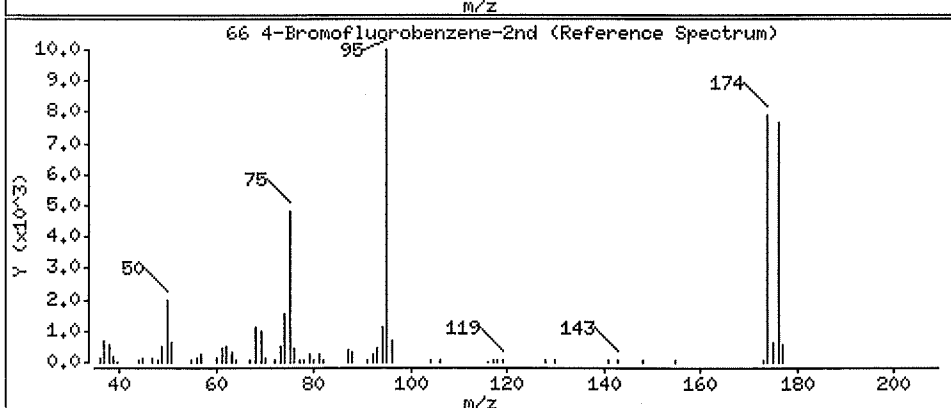
Column diameter: 0.53

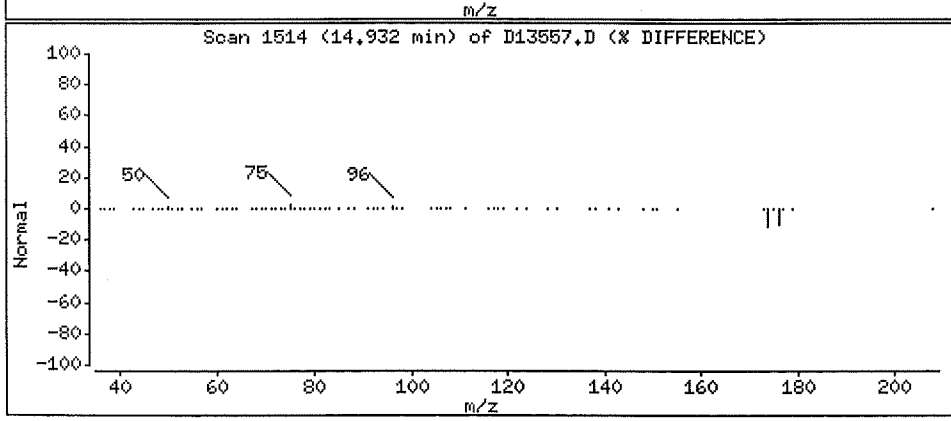
66 4-Bromofluorobenzene-2nd

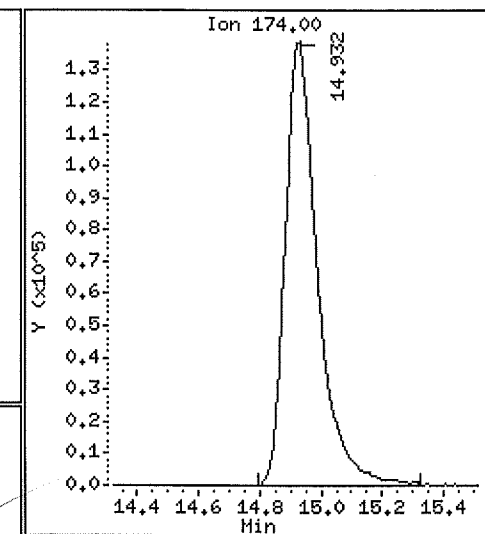
Concentration: 46.64 ug/Kg

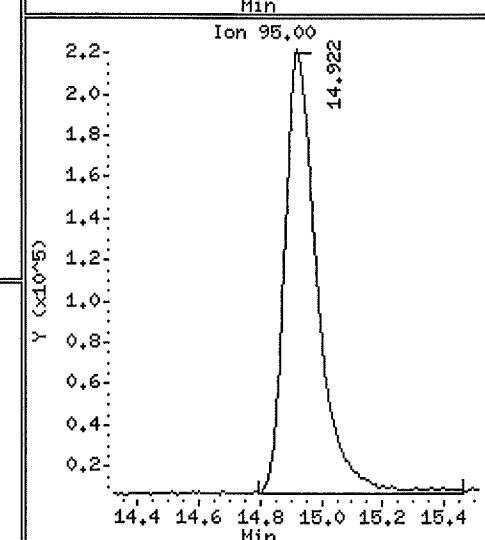


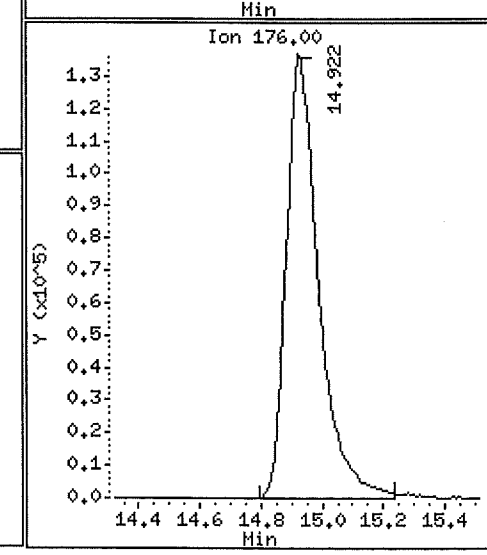












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13557.D

Date : 30-OCT-2000 01:13

Client ID: D13557

Instrument: md.i

Sample Info: DNCGW1AE,,2,,0,1,0,8260BDA.M,D13557

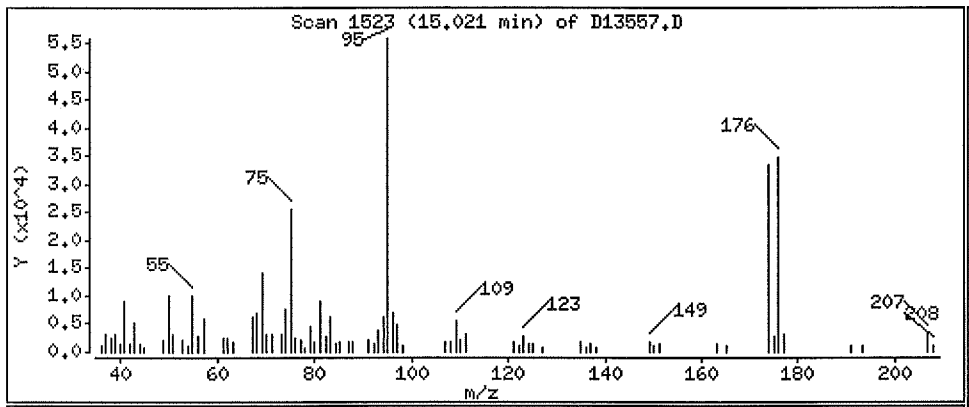
Operator: AD

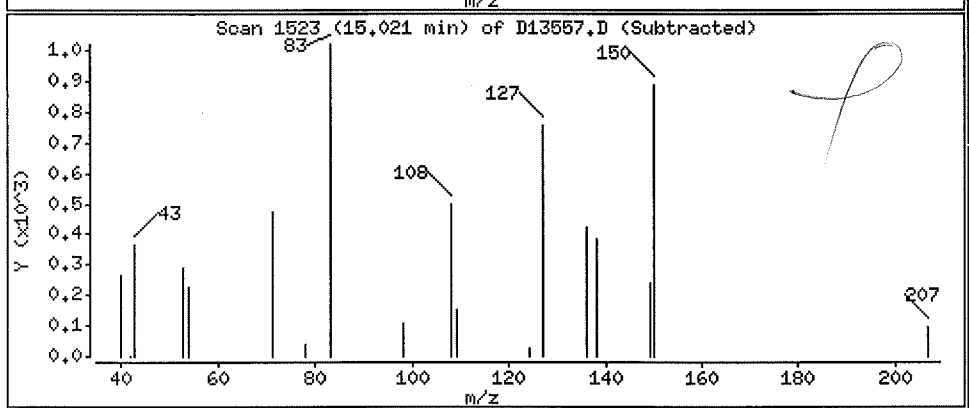
Column phase: J&W DB-624

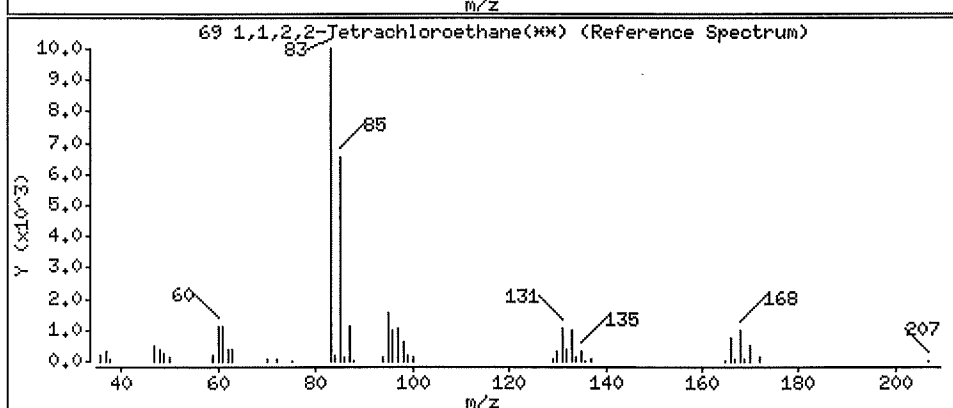
Column diameter: 0.53

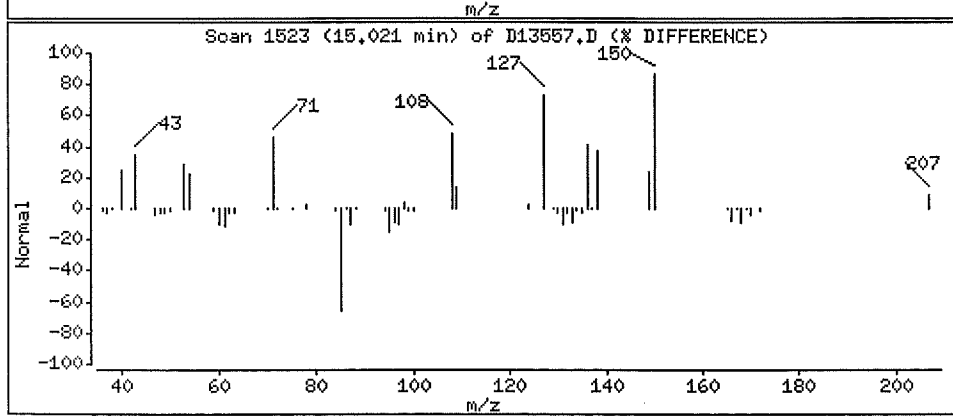
69 1,1,2,2-Tetrachloroethane(**)

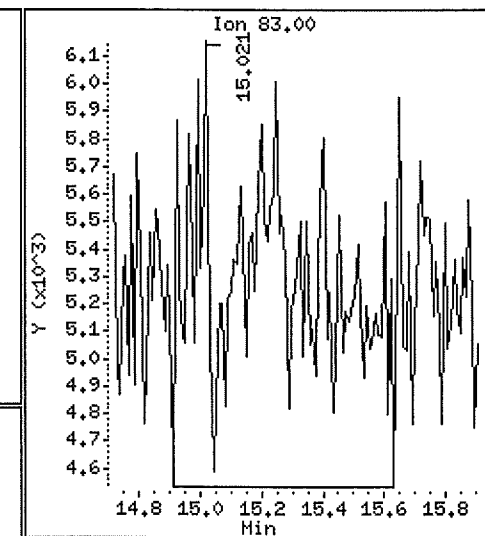
Concentration: 1.11 ug/Kg

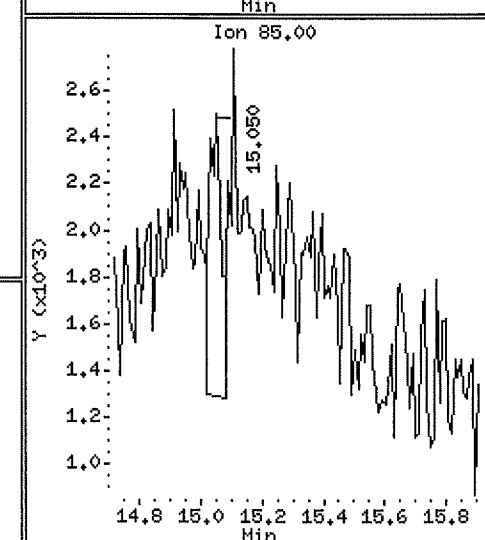


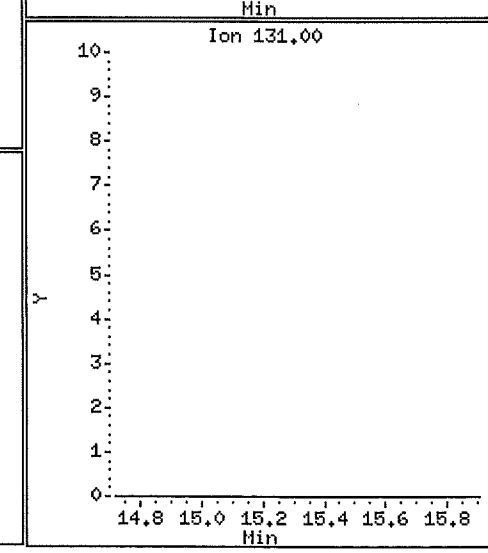












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13557.D

Date : 30-OCT-2000 01:13

Client ID: D13557

Instrument: md.i

Sample Info: DNCGW1AE,,2,,0,1,0,8260BDA.M,D13557

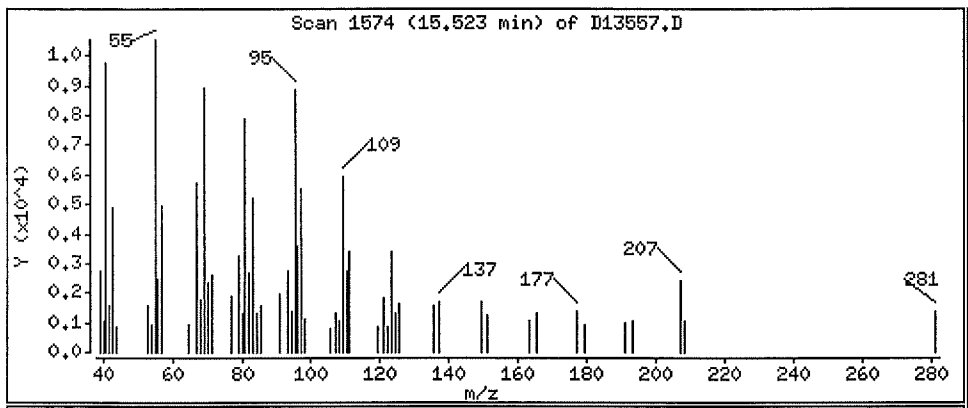
Operator: AD

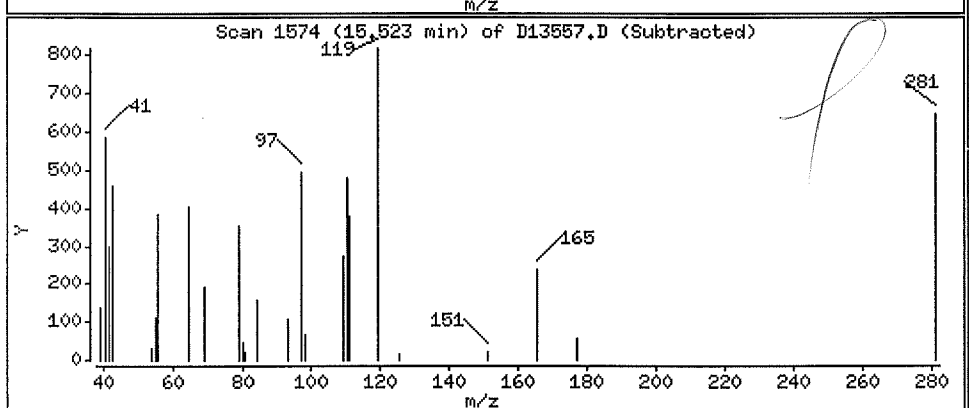
Column phase: J&W DB-624

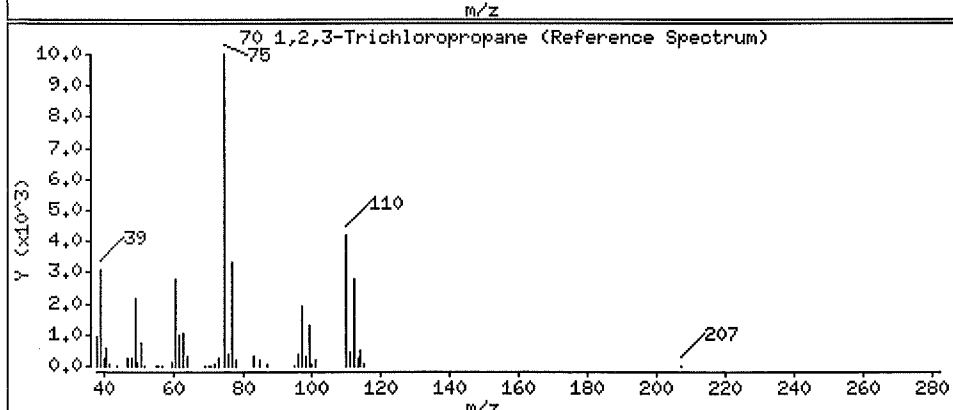
Column diameter: 0.53

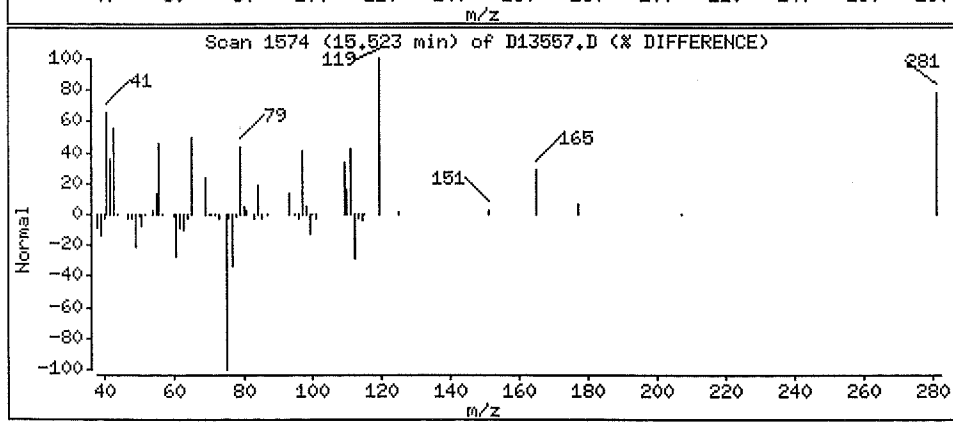
70 1,2,3-Trichloropropane

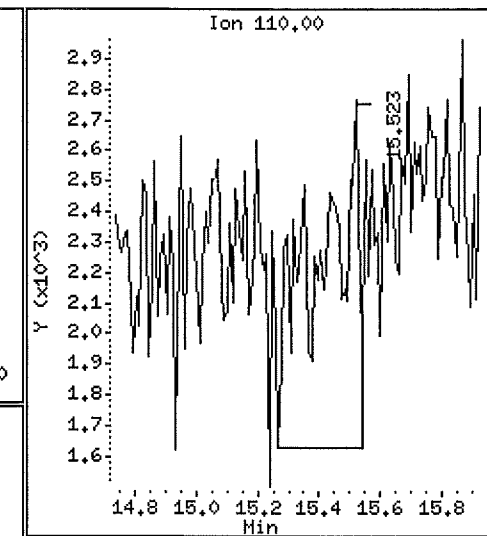
Concentration: 1.24 ug/Kg

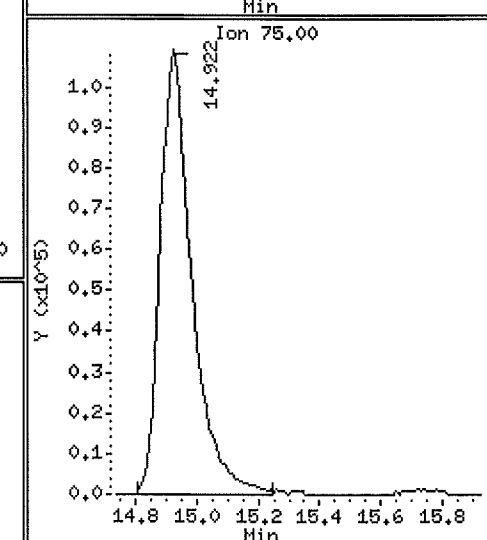


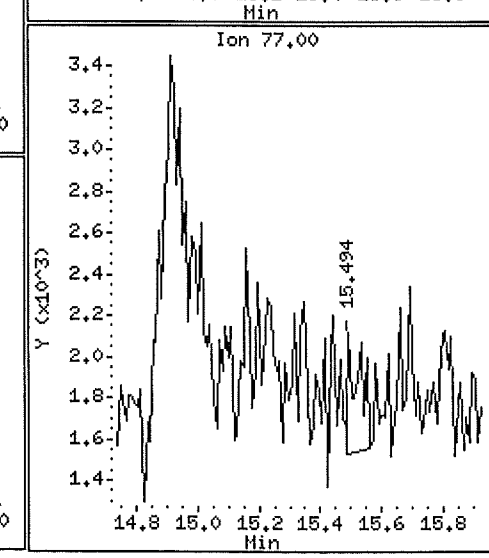












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13557.D

Date : 30-OCT-2000 01:13

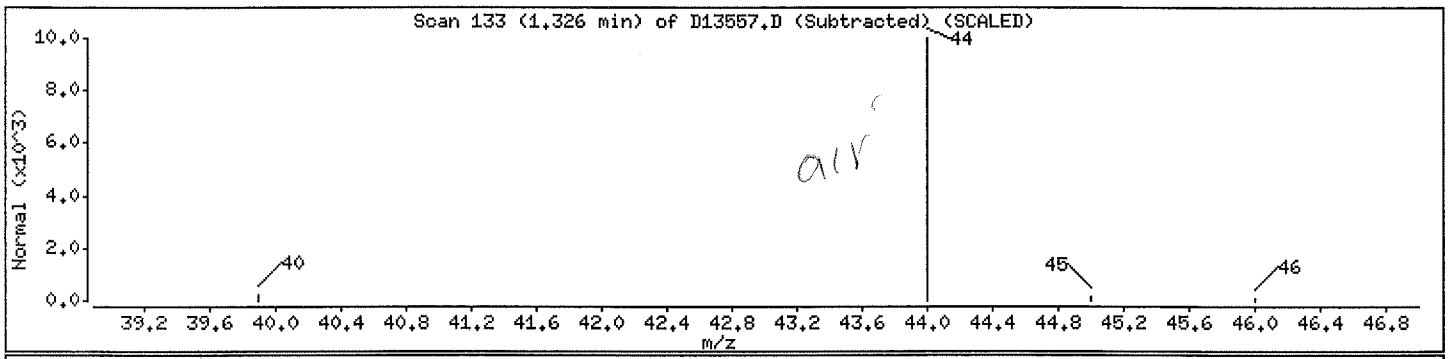
Client ID: D13557 Instrument: md.i

Sample Info: DNCGW1AE,,2,,0,1,0,8260BDA.M,D13557

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13558.D
Lab Smp Id: DNCG81AE Client Smp ID: D13558
Inj Date : 30-OCT-2000 01:44
Operator : AD Inst ID: md.i
Smp Info : DNCG81AE,,2,,0,1,0,8260BDA.M,D13558
Misc Info : E0J180165-16,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.982	5.971	(0.844)	1288902	48.9772	48.98
$ 33 1,2-Dichloroethane-d4	65	6.514	6.493	(0.919)	797244	41.5518	41.55
34 1,2-Dichloroethane-d4 2nd	102	6.514	6.503	(0.919)	194556	46.8874	46.89
36 1,2-Dichloroethane	62	7.085	6.631	(1.000)	32000	1.50176	1.50(aQ)
* 38 Fluorobenzene	96	7.085	7.074	(1.000)	2225928	50.0000	
$ 47 Toluene-d8	98	9.903	9.902	(0.786)	2155286	50.0274	50.03
* 56 Chlorobenzene-d5	117	12.593	12.582	(1.000)	1822346	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.928	14.917	(0.866)	1030208	46.9736	46.97
$ 67 4-Bromofluorobenzene	95	14.928	14.936	(0.866)	1590093	43.7237	43.72
* 79 1,4-Dichlorobenzene-d4	152	17.233	17.232	(1.000)	1164221	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13558.D
Lab Smp Id: DNCG81AE Client Smp ID: D13558
Inj Date : 30-OCT-2000 01:44
Operator : AD Inst ID: md.i
Smp Info : DNCG81AE,,2,,0,1,0,8260BDA.M,D13558
Misc Info : E0J180165-16,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.085	5161015	50.000
* 79 1,4-Dichlorobenzene-d4	17.233	7495237	50.000

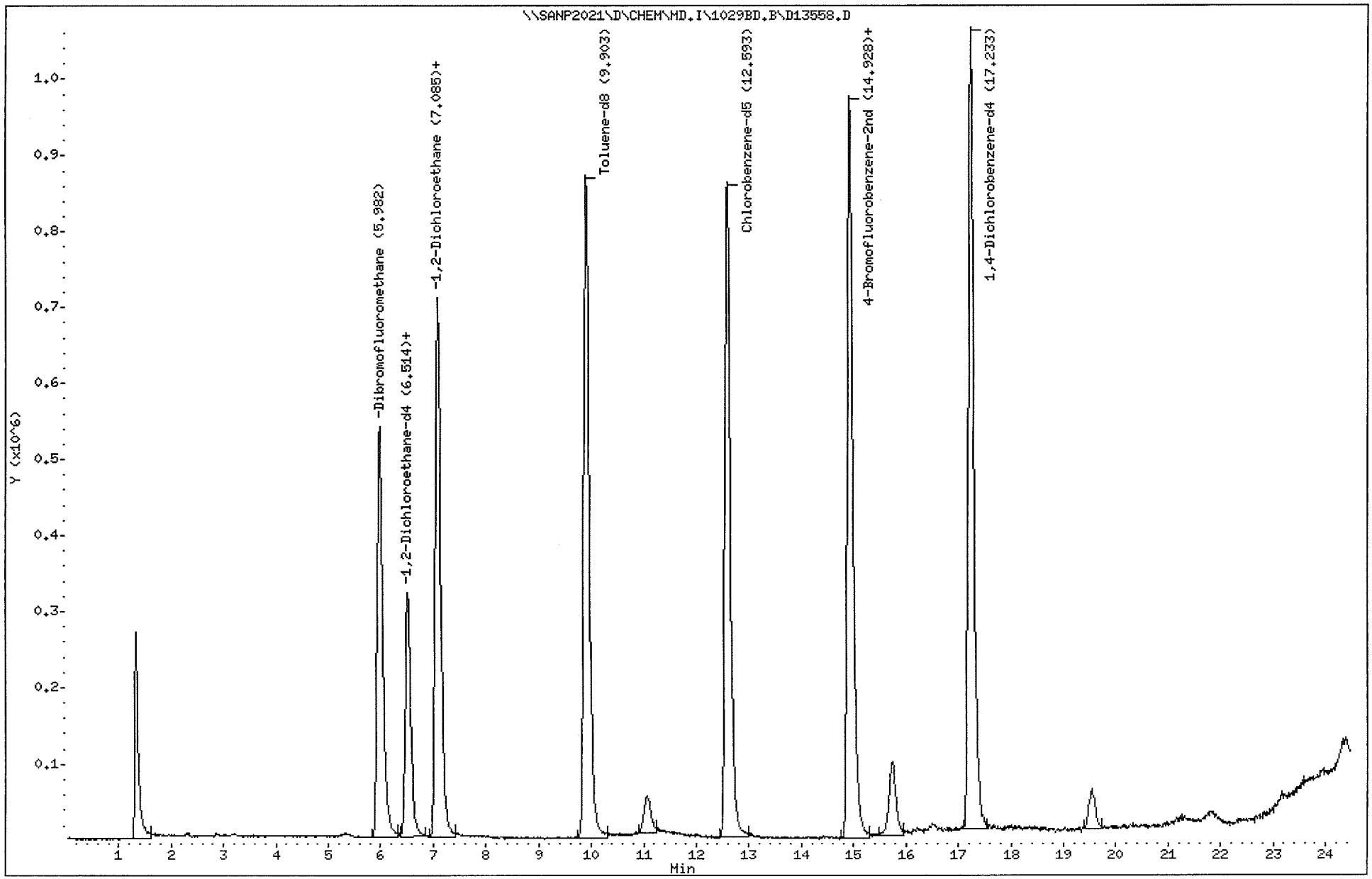
	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.331	1234816	11.9629219	11.96	0		0	38
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
15.755	907825	6.05601008	6.06	90	NBS75K.L	41966	79

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13558.D
Date : 30-OCT-2000 01:44
Client ID: D13558
Sample Info: DNCG81AE,,2,,0,1,0,8260BDA.M,D13558

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



000634

BOE-C6-0175665

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13558.D

Date : 30-OCT-2000 01:44

Client ID: D13558

Instrument: md.i

Sample Info: DNCG81AE,,2,,0,1,0,8260BDA.M,D13558

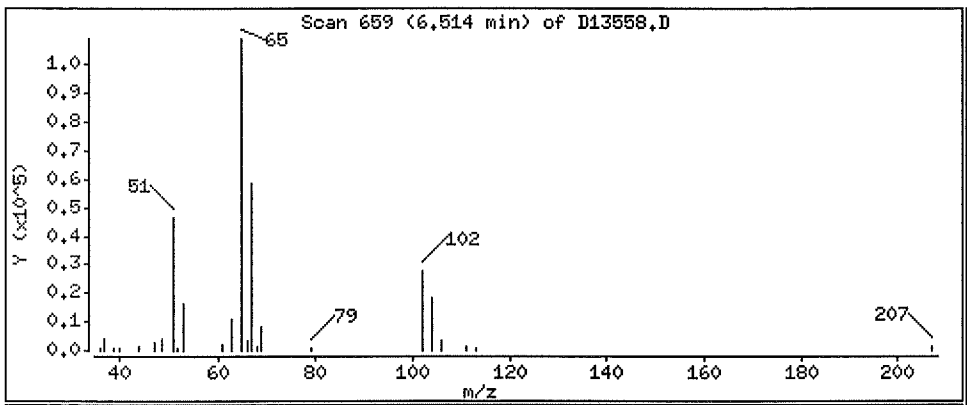
Operator: AD

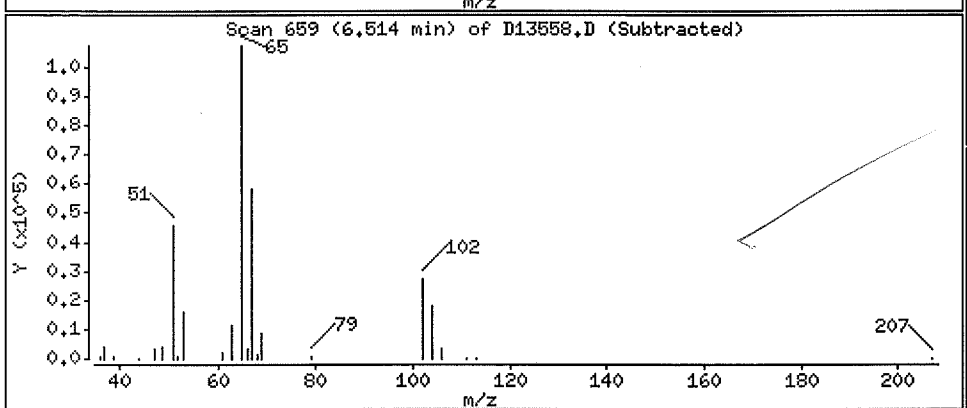
Column phase: J&W DB-624

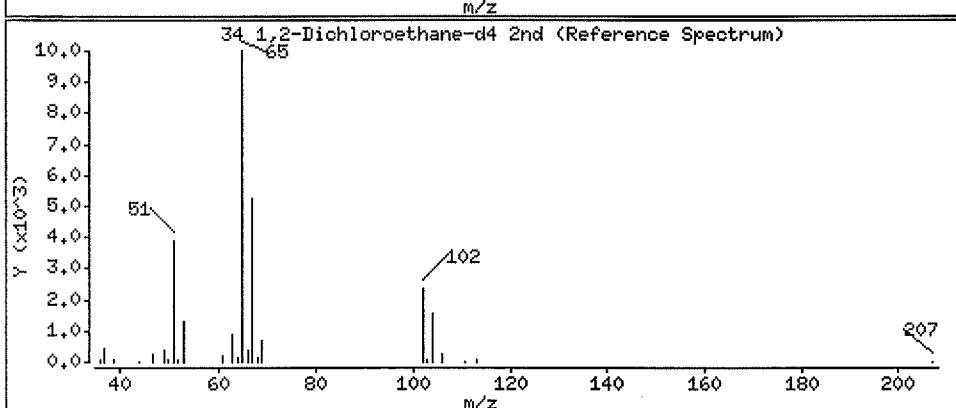
Column diameter: 0.53

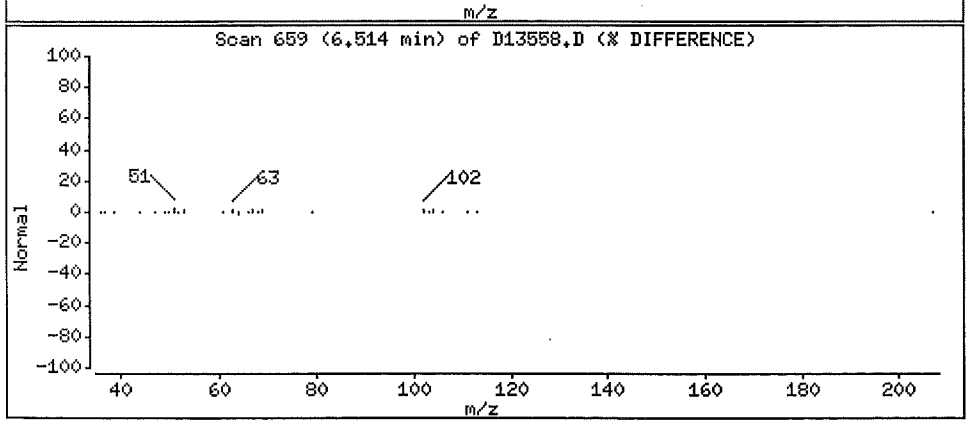
34 1,2-Dichloroethane-d4 2nd

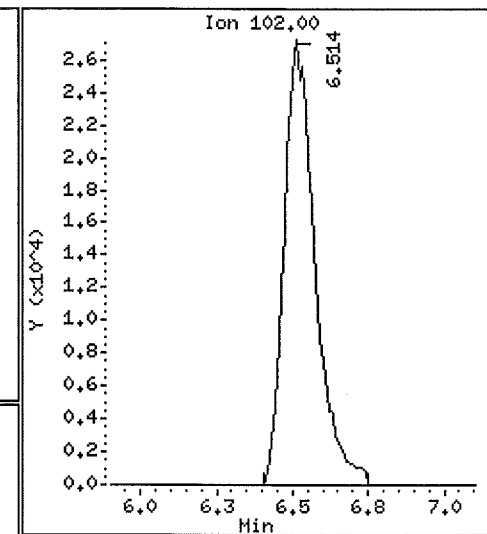
Concentration: 46.89 ug/Kg

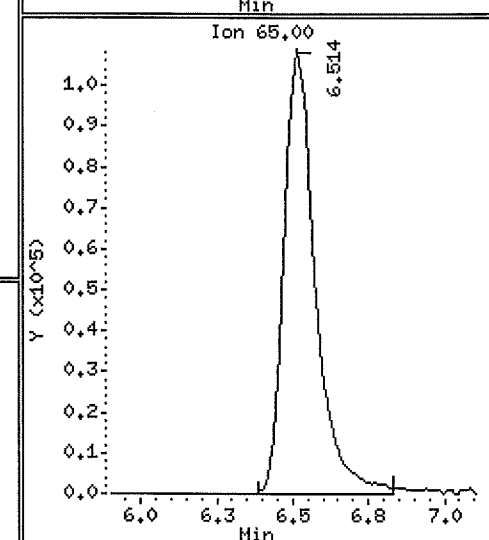












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13558.D

Date : 30-OCT-2000 01:44

Client ID: D13558

Instrument: md.i

Sample Info: DNCG81AE,,2,,0,1,0,8260BDA.M,D13558

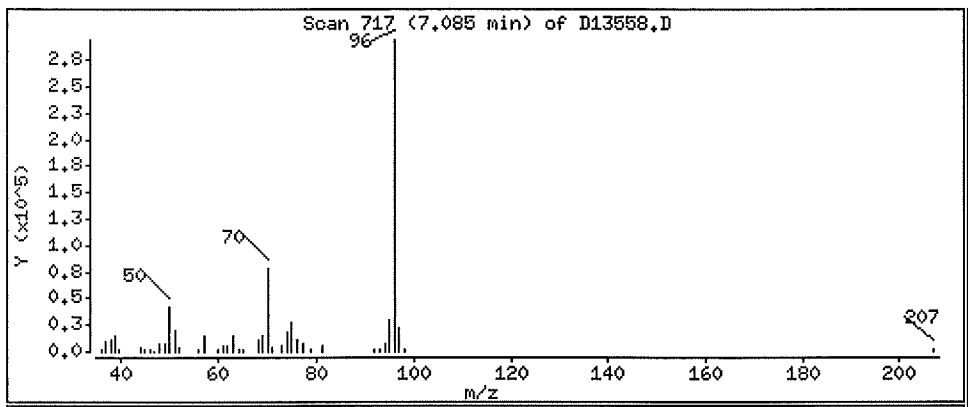
Operator: AD

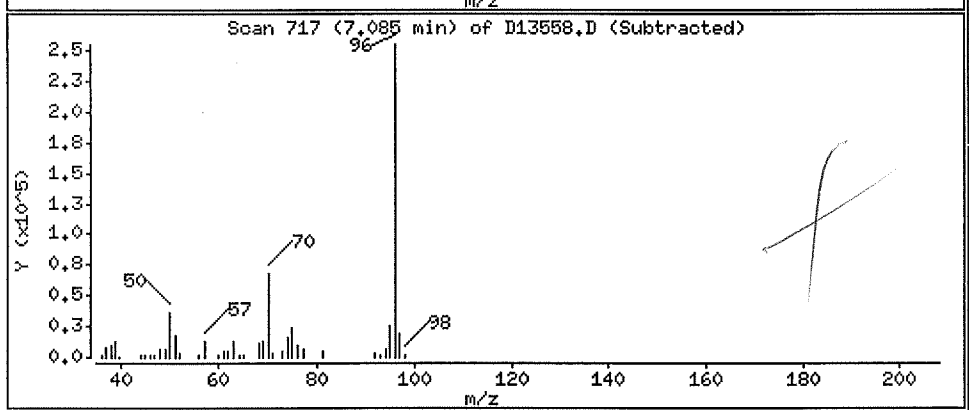
Column phase: J&W DB-624

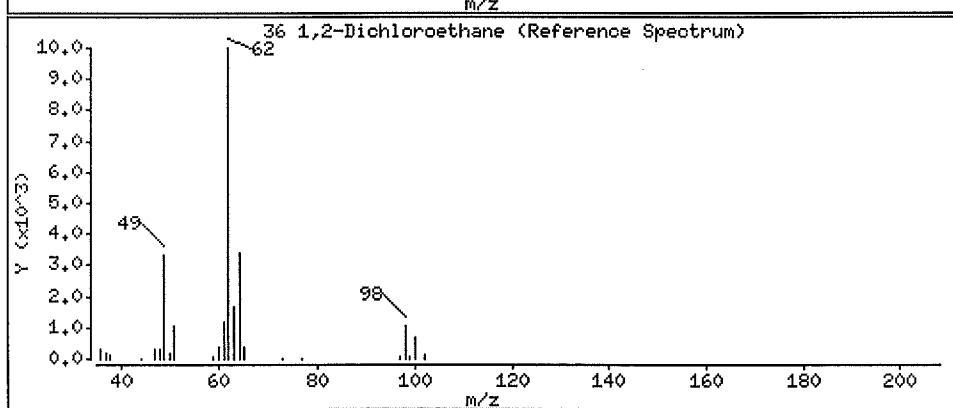
Column diameter: 0.53

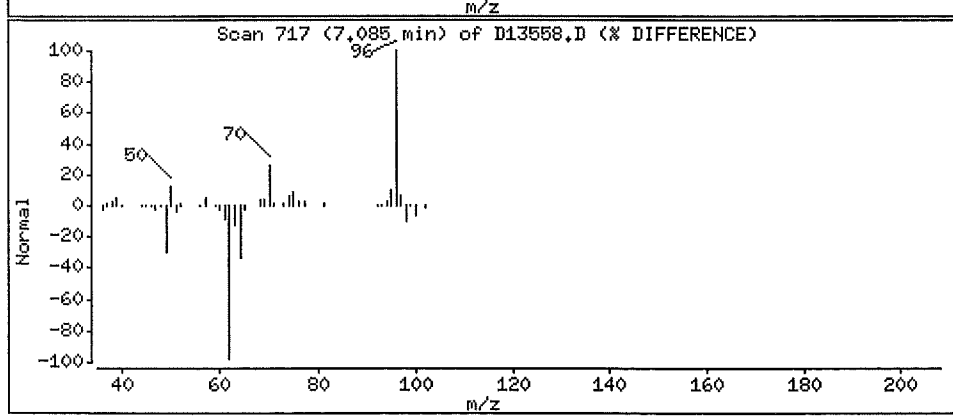
36 1,2-Dichloroethane

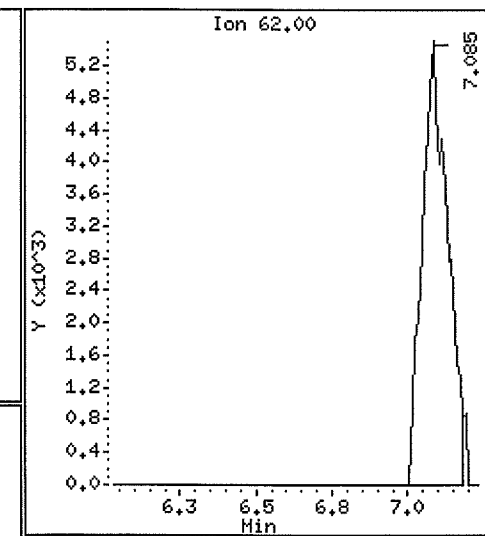
Concentration: 1.50 ug/Kg

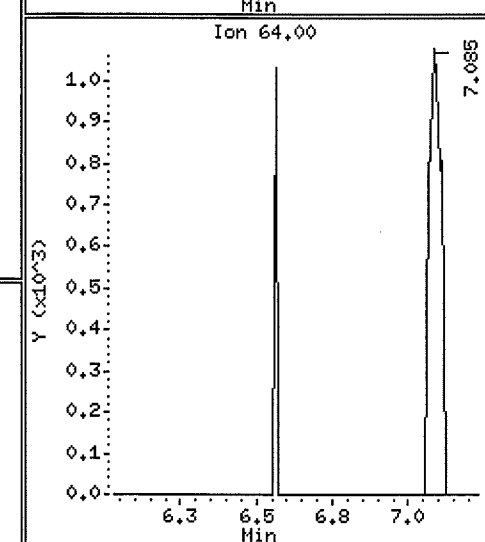


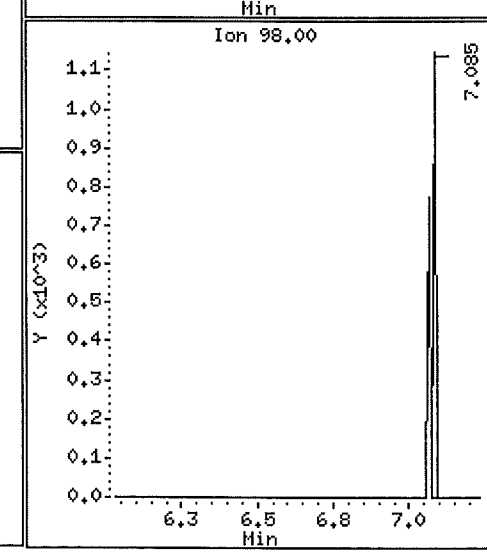












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13558.D

Date : 30-OCT-2000 01:44

Client ID: D13558

Instrument: md.i

Sample Info: DNCG81AE,,2,,0,1,0,8260BDA.M,D13558

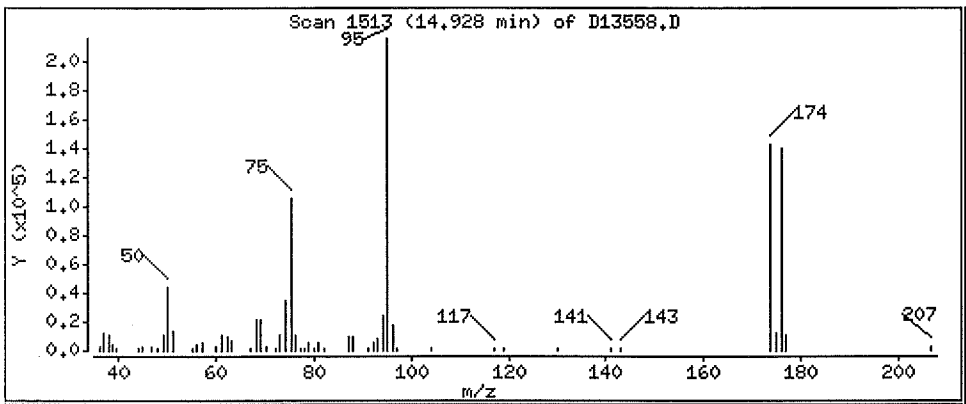
Operator: AD

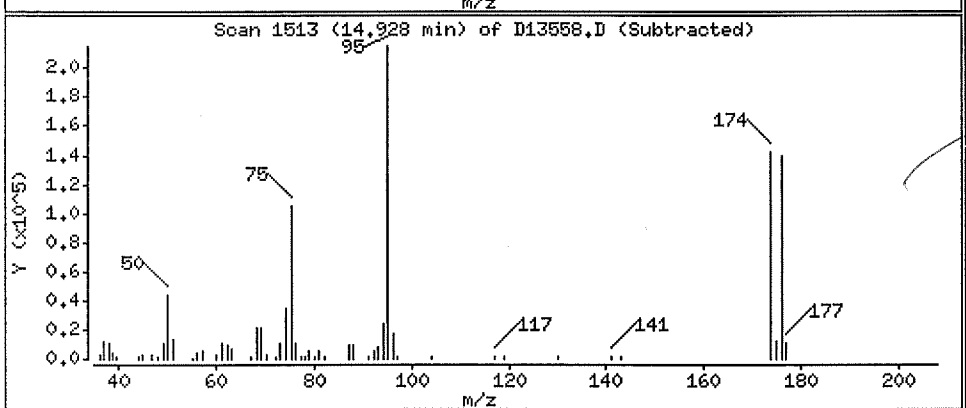
Column phase: J&W DB-624

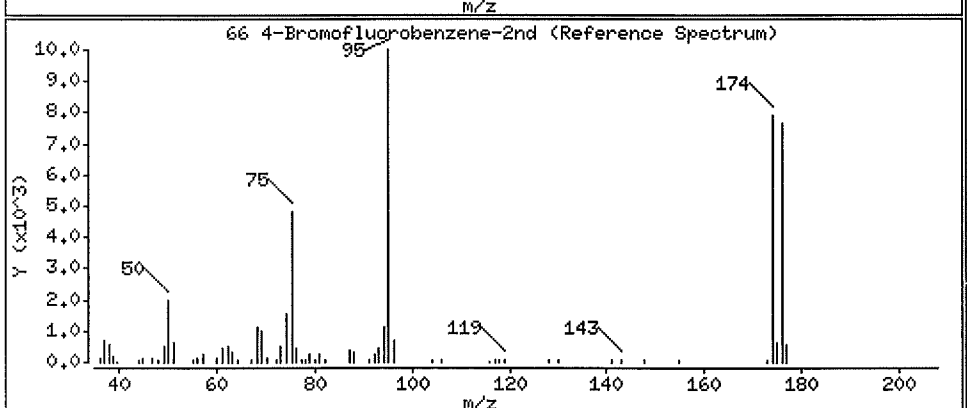
Column diameter: 0.53

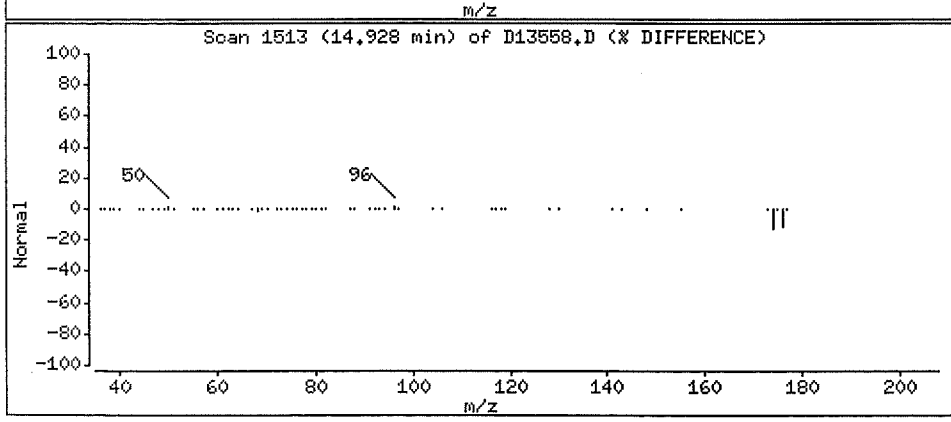
66 4-Bromofluorobenzene-2nd

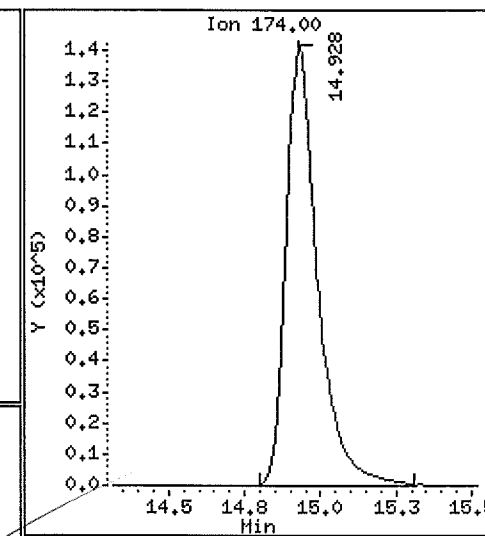
Concentration: 46.97 ug/Kg

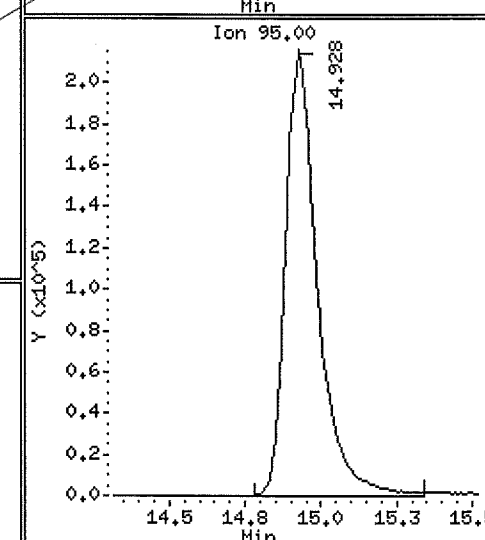


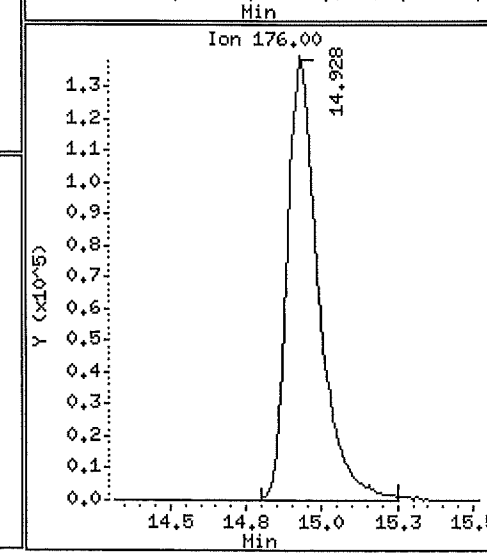












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13558.D

Date : 30-OCT-2000 01:44

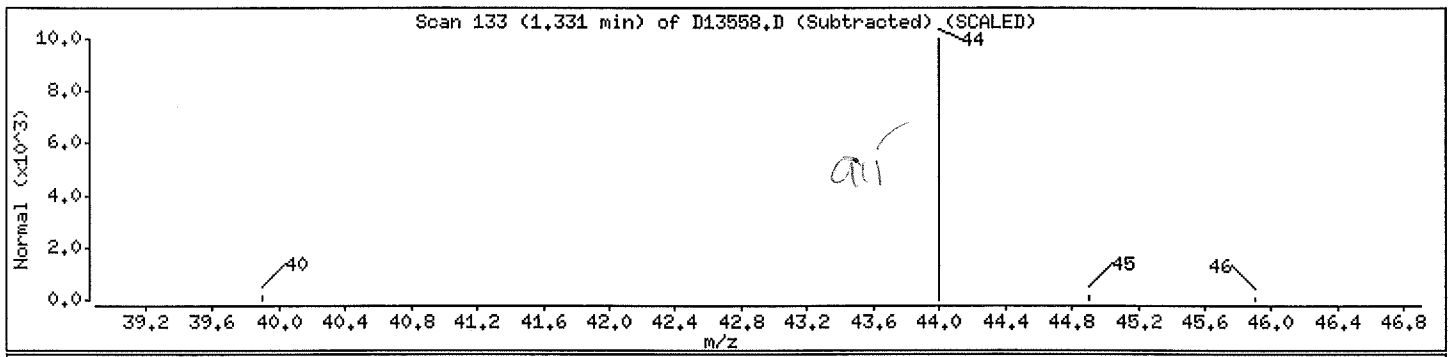
Client ID: D13558 Instrument: md.i

Sample Info: DNCG81AE,,2,,0,1,0,8260BDA.M,D13558

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13558.D

Date : 30-OCT-2000 01:44

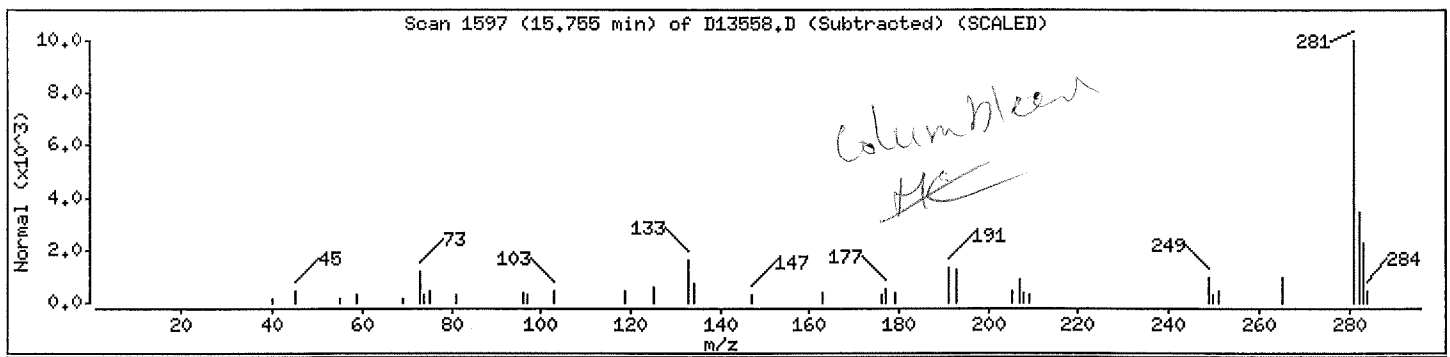
Client ID: D13558 Instrument: md.i

Sample Info: DNCG81AE,,2,,0,1,0,8260BDA.M,D13558

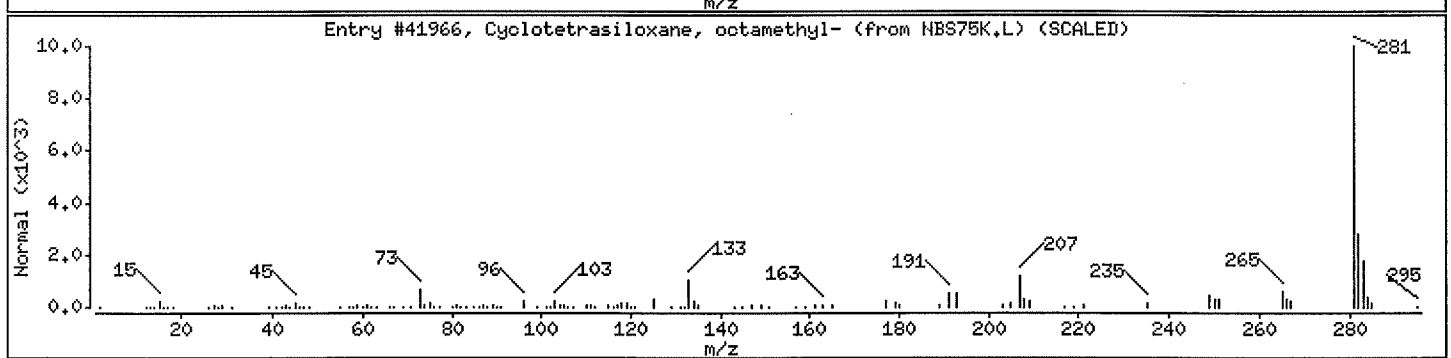
Operator: AD

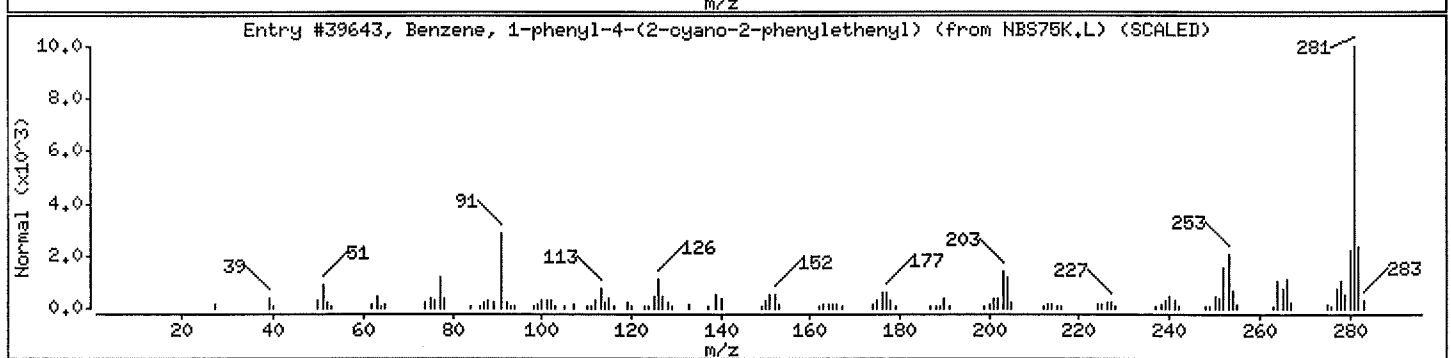
Column phase: J&W DB-624 Column diameter: 0.53

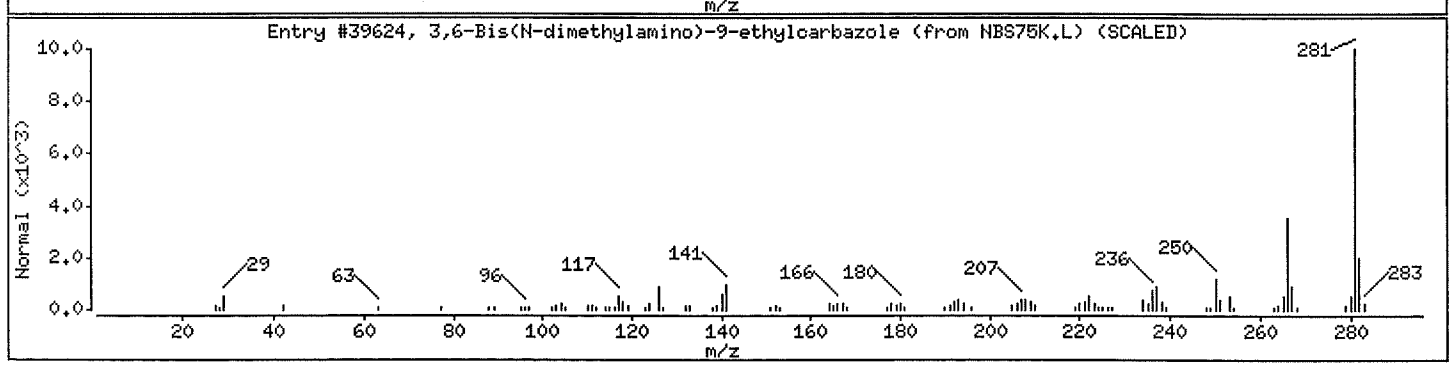
Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NBS75K.L	41966	90	C8H24O4Si4	296
Benzene, 1-phenyl-4-(2-cyano-2-phenyleth	27869-56-3	NBS75K.L	39643	38	C21H15N	281
3,6-Bis(N-dimethylamino)-9-ethylcarbazol	57103-04-5	NBS75K.L	39624	33	C18H23N3	281



Column bleed







STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13559.D
Lab Smp Id: DNCG91AE Client Smp ID: D13559
Inj Date : 30-OCT-2000 02:16
Operator : AD Inst ID: md.i
Smp Info : DNCG91AE,,2,,0,1,0,8260BDA.M,D13559
Misc Info : E0J180165-17,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.869	2.867	(0.405)	15482	5.36392	5.36(Q)
$ 29 Dibromofluoromethane	111	5.982	5.971	(0.844)	1266952	48.1346	48.13
$ 33 1,2-Dichloroethane-d4	65	6.505	6.493	(0.918)	796770	41.5198	41.52
34 1,2-Dichloroethane-d4 2nd	102	6.505	6.503	(0.918)	194989	46.9836	46.98
36 1,2-Dichloroethane	62	7.086	6.631	(1.000)	34067	1.59847	1.60(aQ)
* 38 Fluorobenzene	96	7.086	7.074	(1.000)	2226319	50.0000	
$ 47 Toluene-d8	98	9.904	9.902	(0.786)	2135653	48.0296	48.03
* 56 Chlorobenzene-d5	117	12.593	12.582	(1.000)	1880854	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.928	14.917	(0.866)	1021966	46.2117	46.21
$ 67 4-Bromofluorobenzene	95	14.928	14.936	(0.866)	1562258	42.6024	42.60
* 79 1,4-Dichlorobenzene-d4	152	17.234	17.232	(1.000)	1173948	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13559.D
Lab Smp Id: DNCG91AE Client Smp ID: D13559
Inj Date : 30-OCT-2000 02:16
Operator : AD Inst ID: md.i
Smp Info : DNCG91AE,,2,,0,1,0,8260BDA.M,D13559
Misc Info : E0J180165-17,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.086	5170779	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	1089651	10.5366245	10.54	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCG91AE
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13559
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ alk	1.322	10.54	J

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13559.D

Date : 30-OCT-2000 02:16

Client ID: D13559

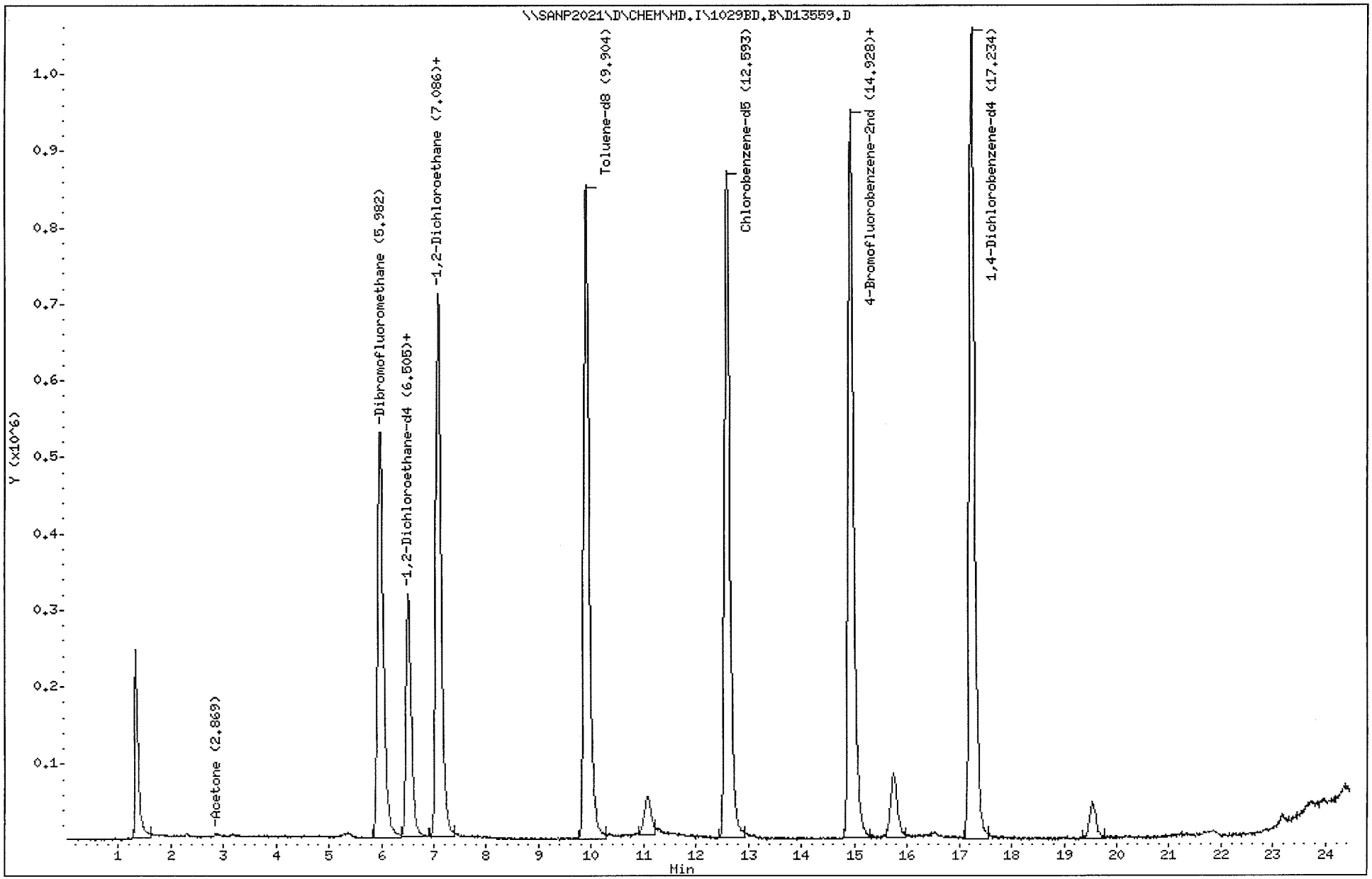
Sample Info: DNCG91AE,,2,,0,1,0,8260BDA.M,D13559

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



000644

BOE-C6-0175675

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13559.D

Date : 30-OCT-2000 02:16

Client ID: D13559

Instrument: md.i

Sample Info: DNCG91AE,,2,,0,1,0,8260BDA.M,D13559

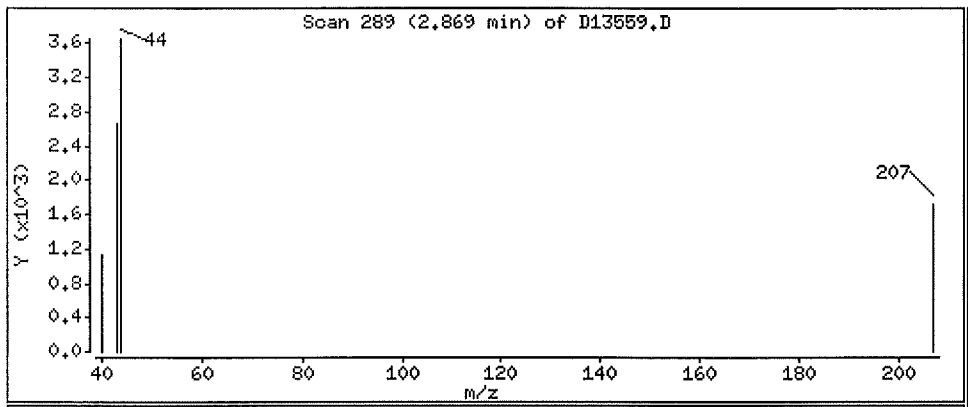
Operator: AD

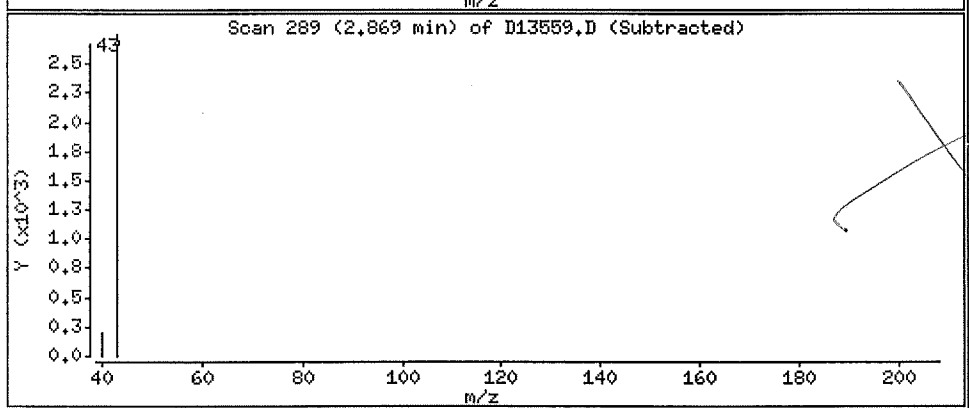
Column phase: J&W DB-624

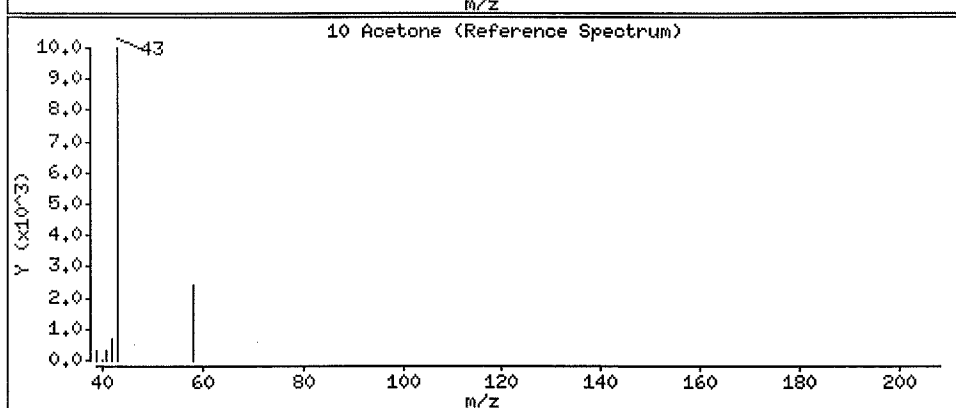
Column diameter: 0.53

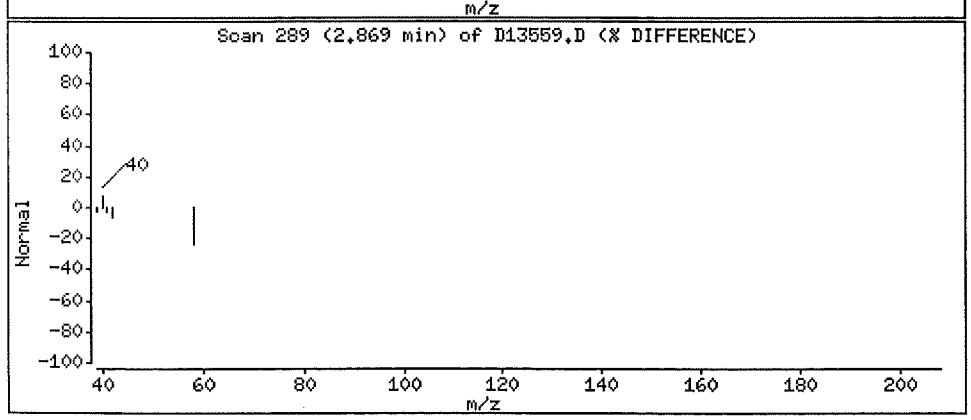
10 Acetone

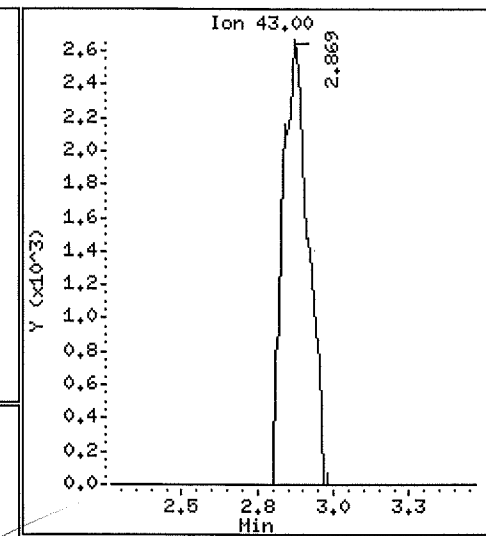
Concentration: 5.36 ug/Kg

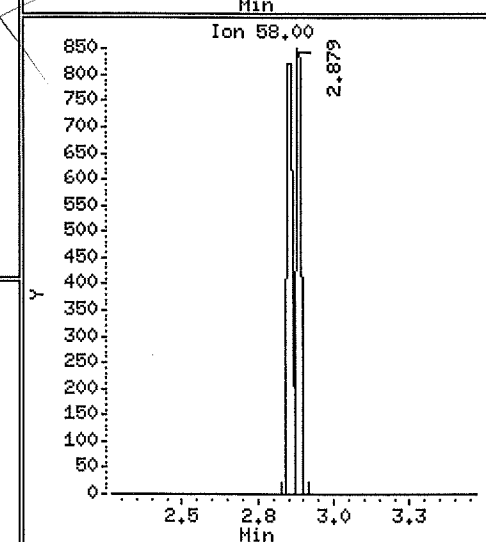












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13559.D

Date : 30-OCT-2000 02:16

Client ID: D13559

Instrument: md.i

Sample Info: DNCG91AE,,2,,0,1,0,8260BDA.M,D13559

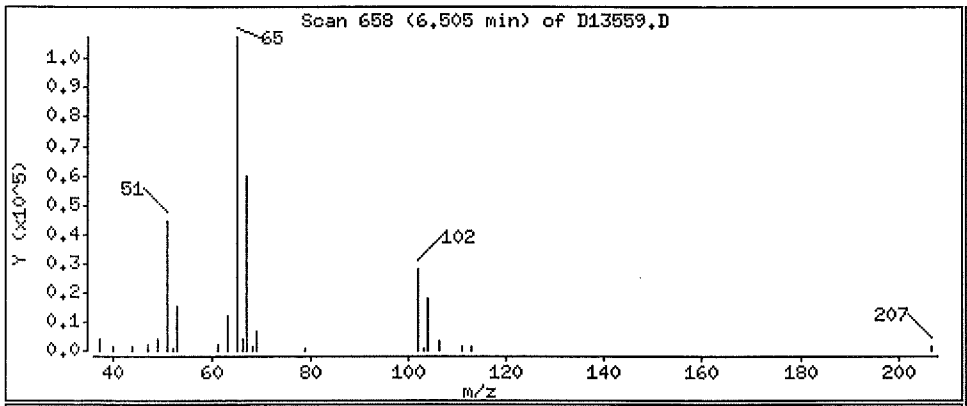
Operator: AD

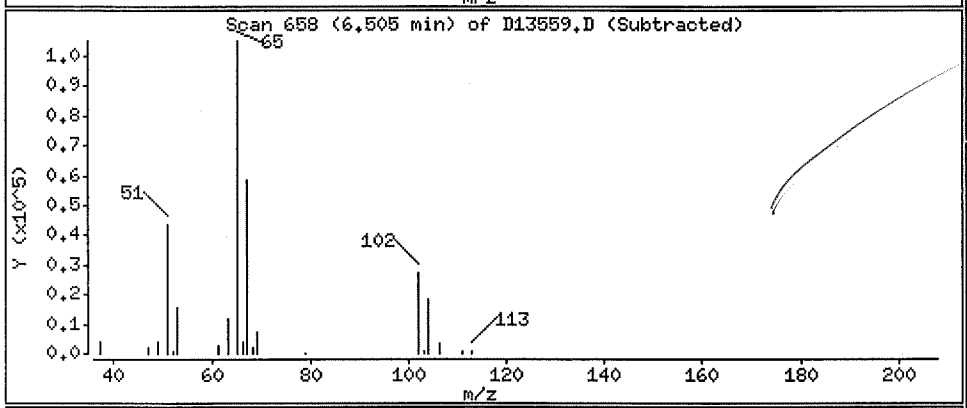
Column phase: J&W DB-624

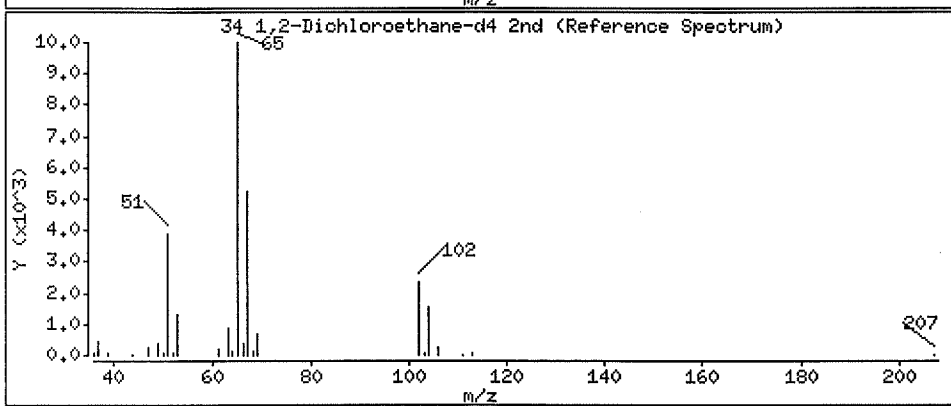
Column diameter: 0.53

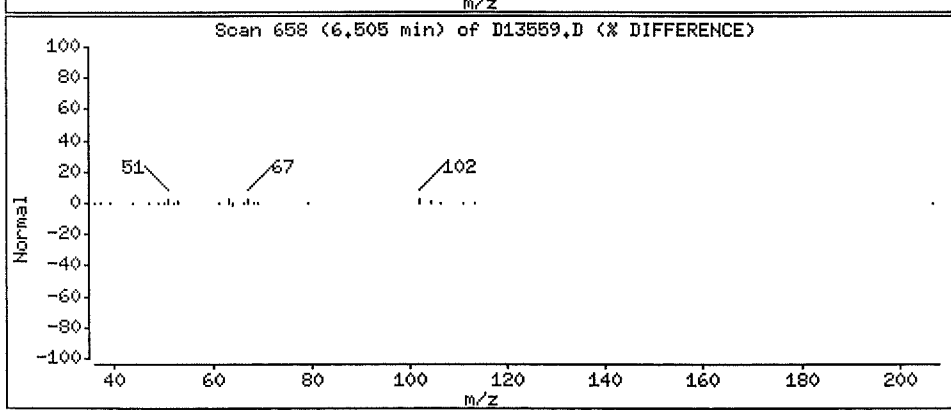
34 1,2-Dichloroethane-d4 2nd

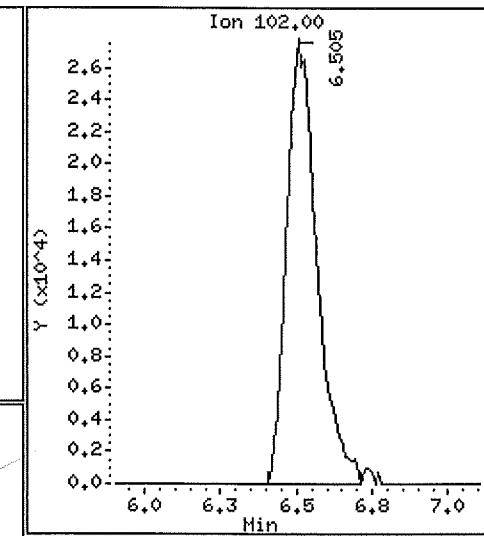
Concentration: 46.98 ug/Kg

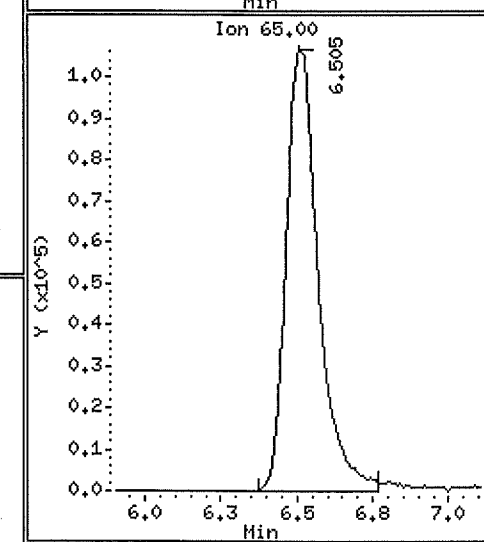












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13559.D

Date : 30-OCT-2000 02:16

Client ID: D13559

Instrument: md.i

Sample Info: DNCG91AE,,2,,0,1,0,8260BDA.M,D13559

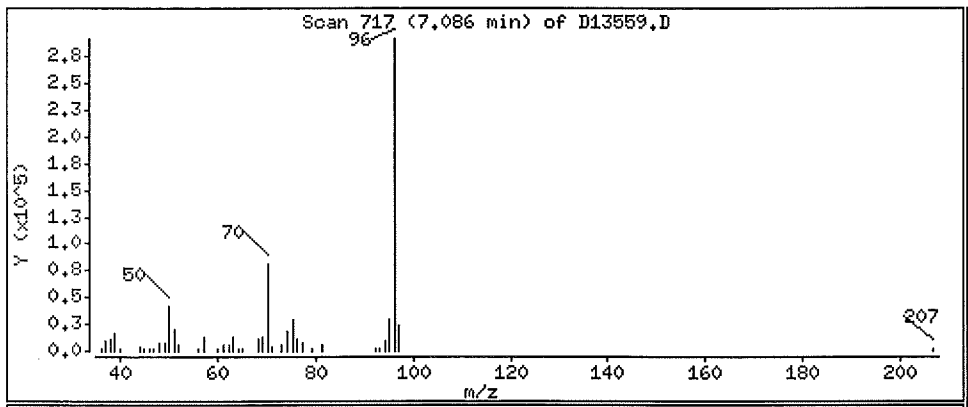
Operator: AD

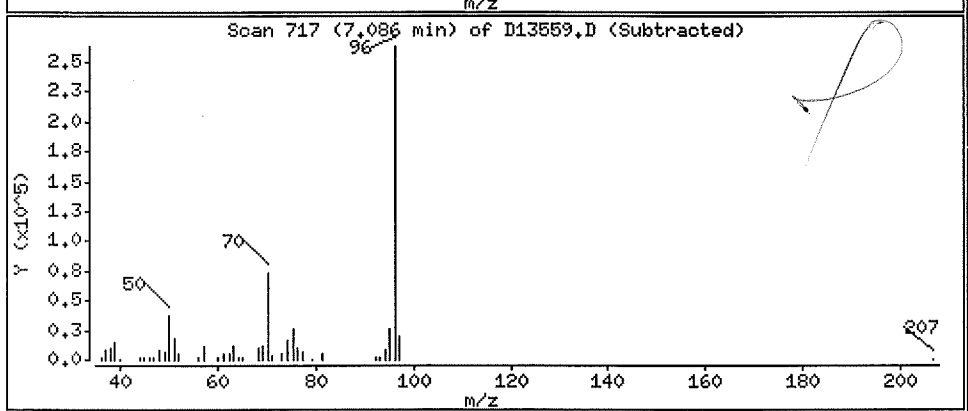
Column phase: J&W DB-624

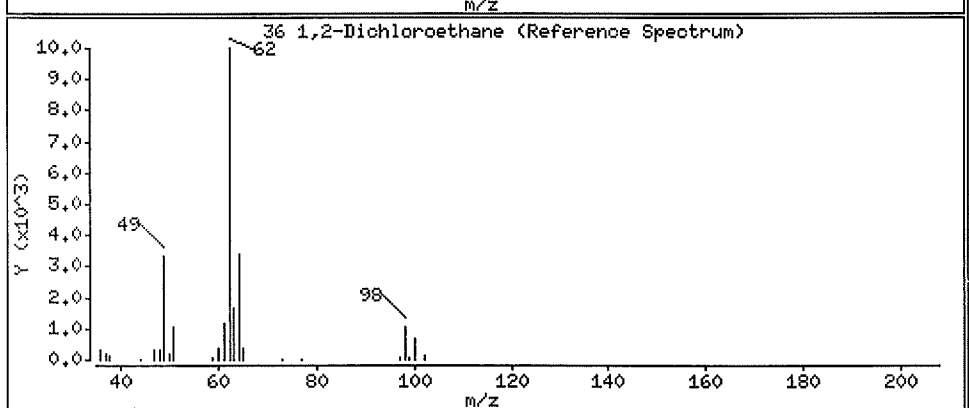
Column diameter: 0.53

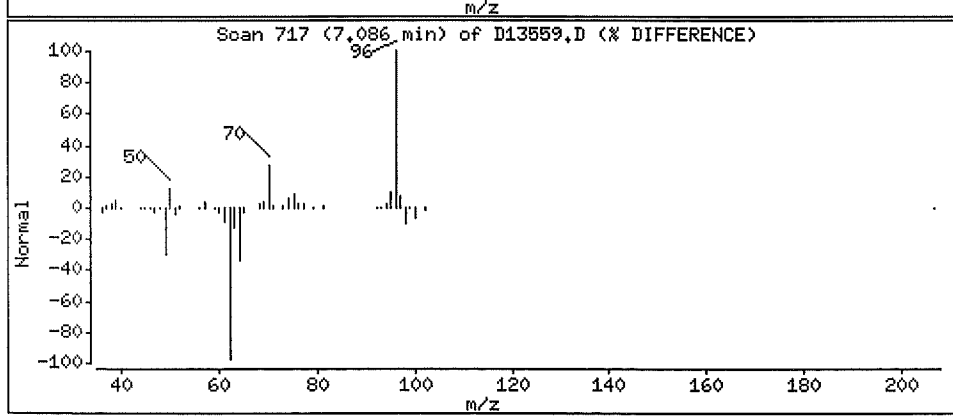
36 1,2-Dichloroethane

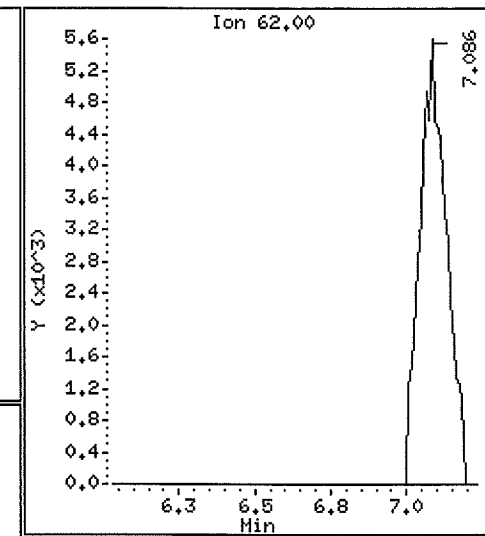
Concentration: 1.60 ug/Kg

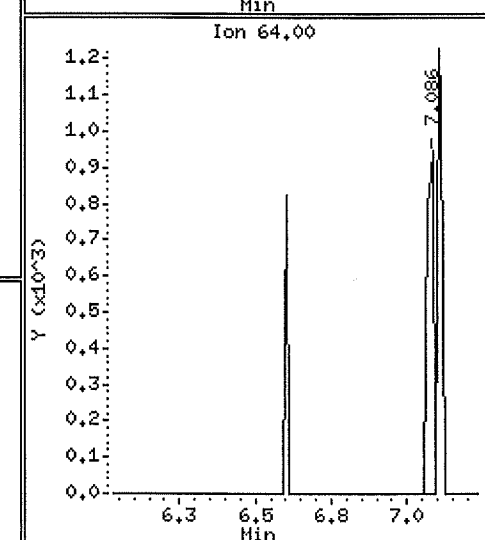


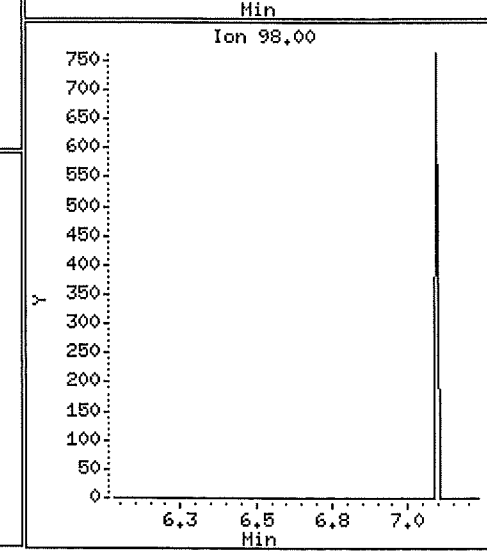












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13559.D

Date : 30-OCT-2000 02:16

Client ID: D13559

Instrument: md.i

Sample Info: DNCG91AE,,2,,0,1,0,8260BDA.M,D13559

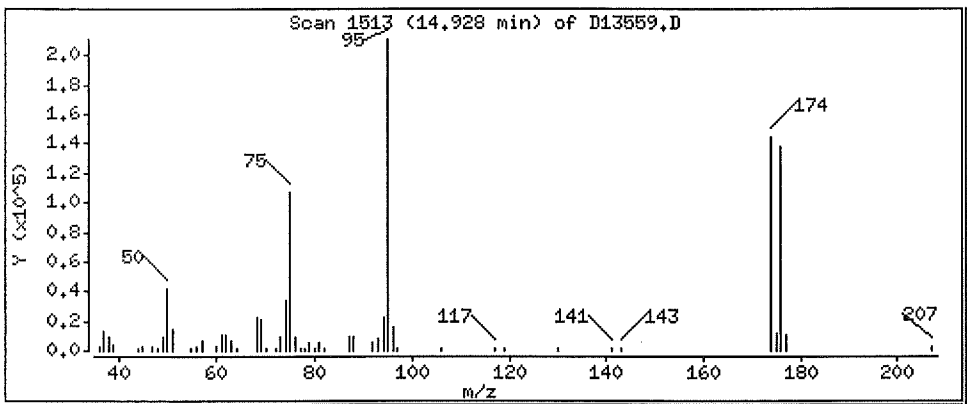
Operator: AD

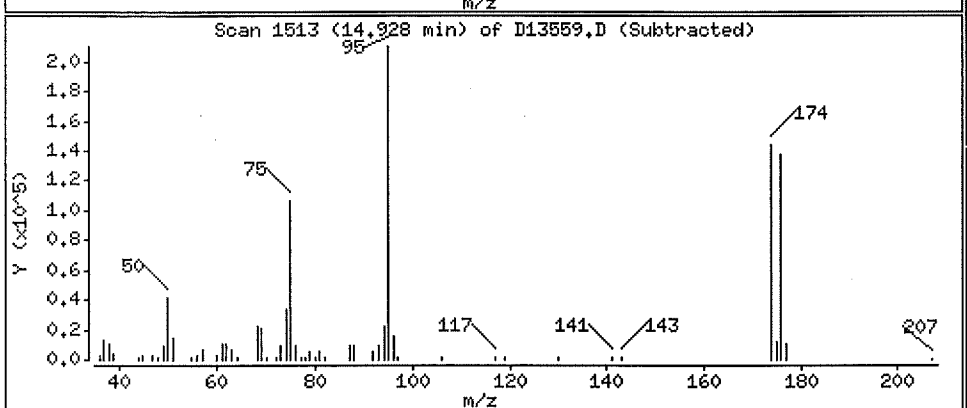
Column phase: J&W DB-624

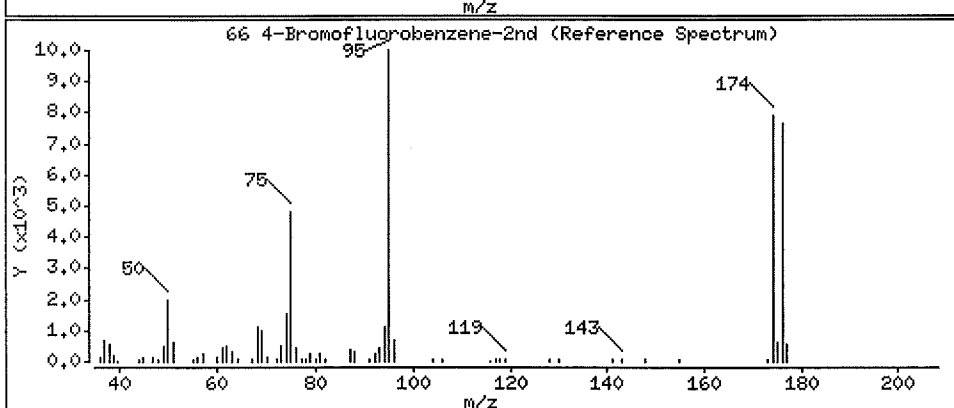
Column diameter: 0.53

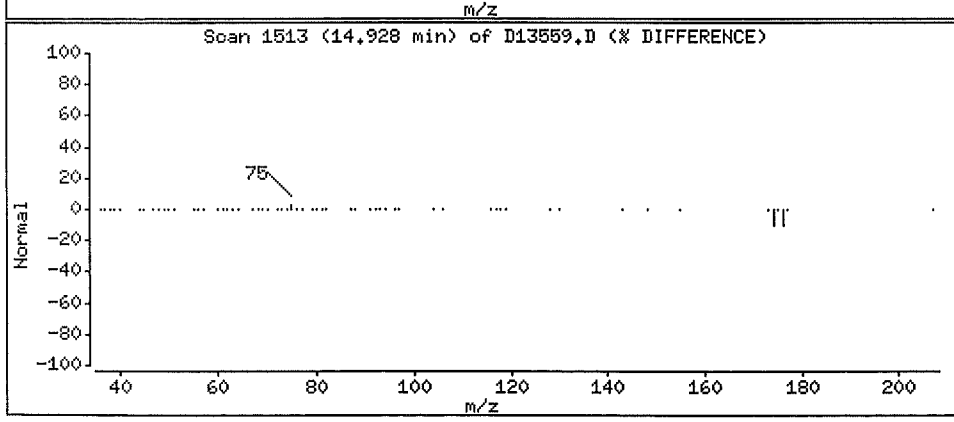
66 4-Bromofluorobenzene-2nd

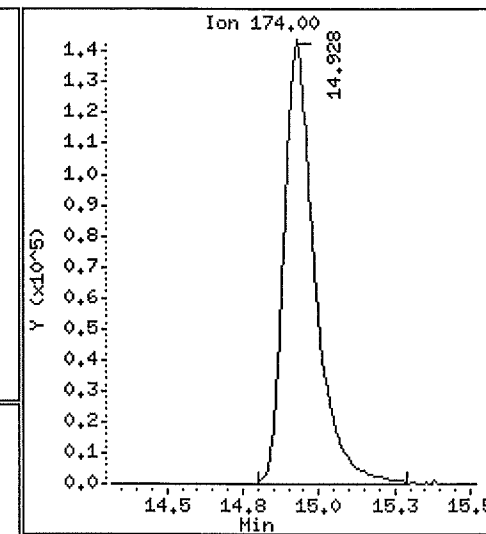
Concentration: 46.21 ug/Kg

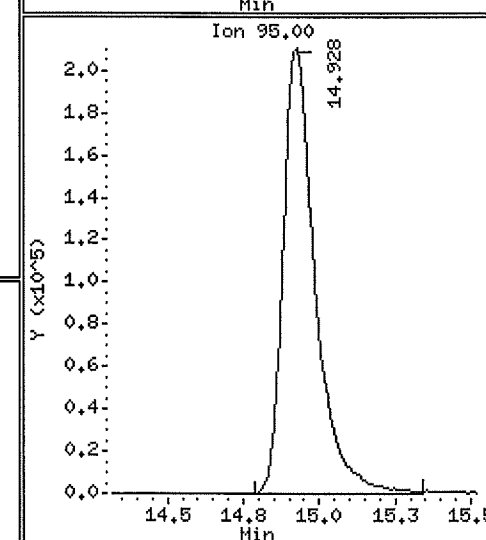


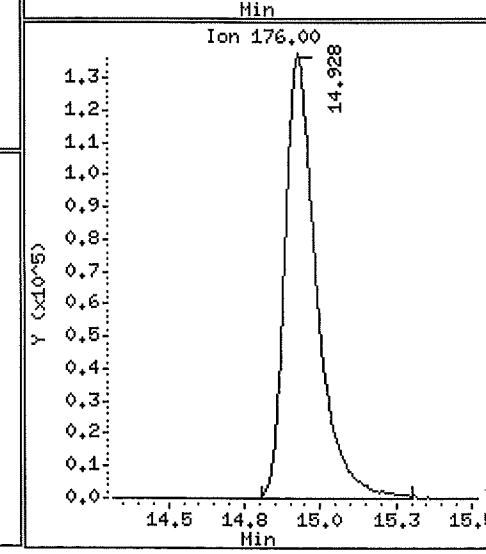












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13559.D

Date : 30-OCT-2000 02:16

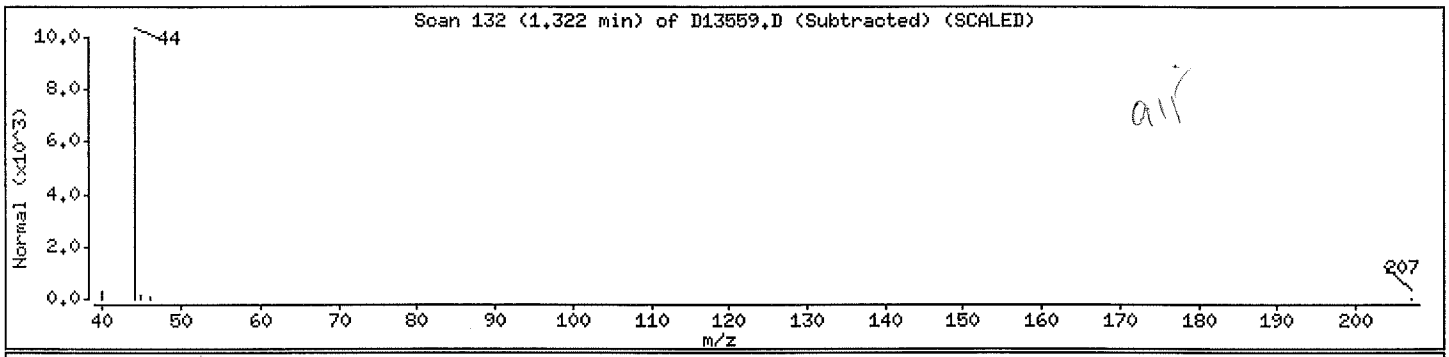
Client ID: D13559 Instrument: md.i

Sample Info: DNCG91AE,,2,,0,1,0,8260BDA.M,D13559

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13560.D
Lab Smp Id: DNCHA1AX Client Smp ID: D13560
Inj Date : 30-OCT-2000 02:47
Operator : AD Inst ID: md.i
Smp Info : DNCHA1AX,,2,,0,1,0,8260BDA.M,D13560
Misc Info : E0J180165-18,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.963	5.971	(0.843)	1267680	48.6248	48.62
$ 33 1,2-Dichloroethane-d4	65	6.505	6.493	(0.919)	770062	40.5134	40.51
34 1,2-Dichloroethane-d4 2nd	102	6.505	6.503	(0.919)	193944	47.1805	47.18
36 1,2-Dichloroethane	62	7.076	6.631	(1.000)	33886	1.60527	1.60(aQ)
* 38 Fluorobenzene	96	7.076	7.074	(1.000)	2205143	50.0000	
$ 47 Toluene-d8	98	9.904	9.902	(0.787)	2103033	49.4242	49.42
* 56 Chlorobenzene-d5	117	12.584	12.582	(1.000)	1799865	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.919	14.917	(0.866)	984916	46.7438	46.74
$ 67 4-Bromofluorobenzene	95	14.919	14.936	(0.866)	1510271	43.2260	43.23
* 79 1,4-Dichlorobenzene-d4	152	17.234	17.232	(1.000)	1118509	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13560.D
Lab Smp Id: DNCHA1AX Client Smp ID: D13560
Inj Date : 30-OCT-2000 02:47
Operator : AD Inst ID: md.i
Smp Info : DNCHA1AX,,2,,0,1,0,8260BDA.M,D13560
Misc Info : E0J180165-18,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.076	5066758	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.323	1916332	18.9108305	18.91	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCHA1AX
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13560
Sample Date:
Sample Point:
Date Received:
Level: LOW

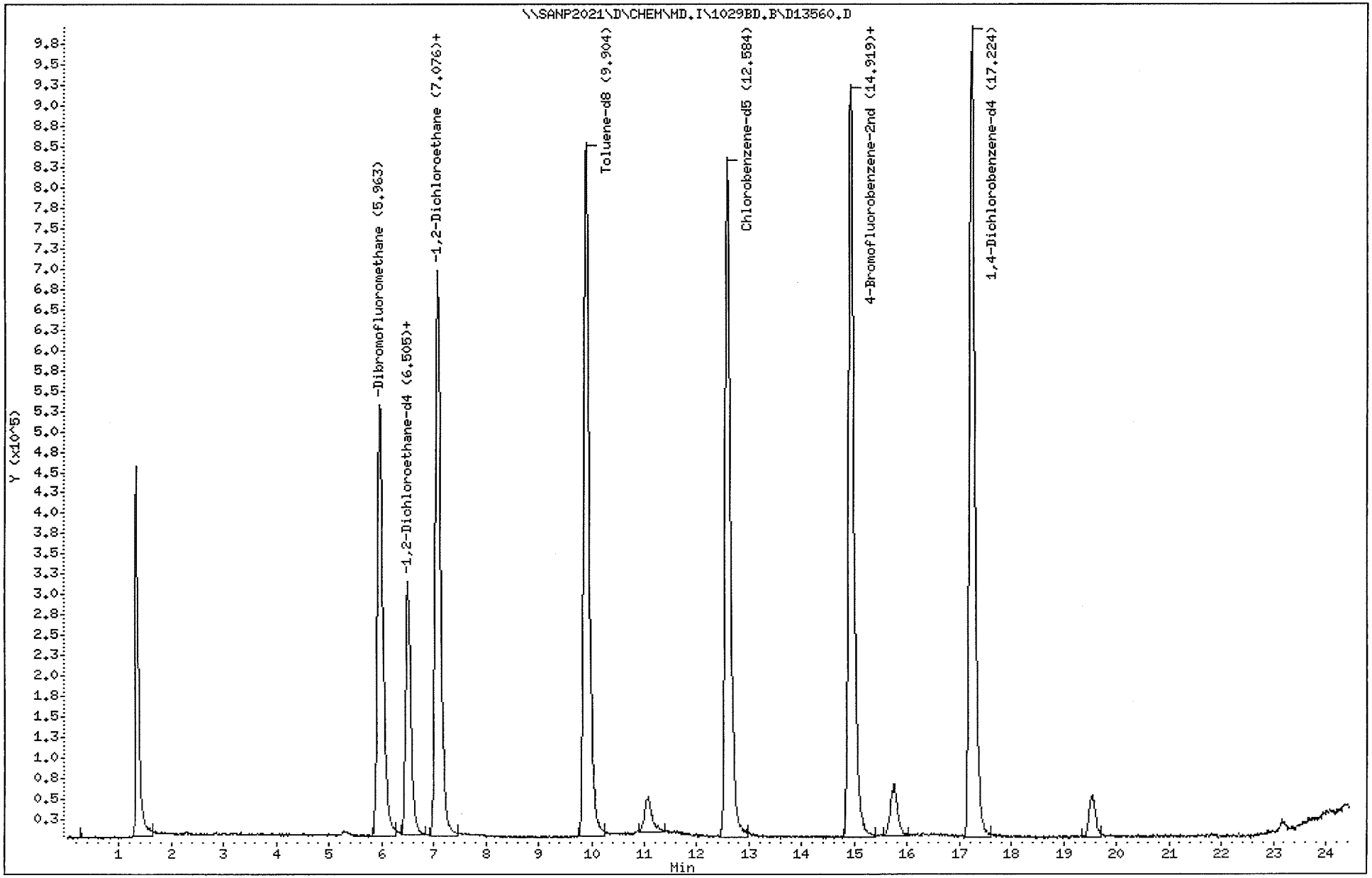
Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ Gh	1.323	18.91	J

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13560.D
Date : 30-OCT-2000 02:47
Client ID: D13560
Sample Info: DNCHA1AX,,2,,0,1,0,8260BDA.M,D13560

Instrument: md.i
Operator: AD
Column phase: J&W DB-624
Column diameter: 0.53



000654

BOE-C6-0175685

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13560.D

Date : 30-OCT-2000 02:47

Client ID: D13560

Instrument: md.i

Sample Info: DNCHA1AX,,2,,0,1,0,8260BDA.M,D13560

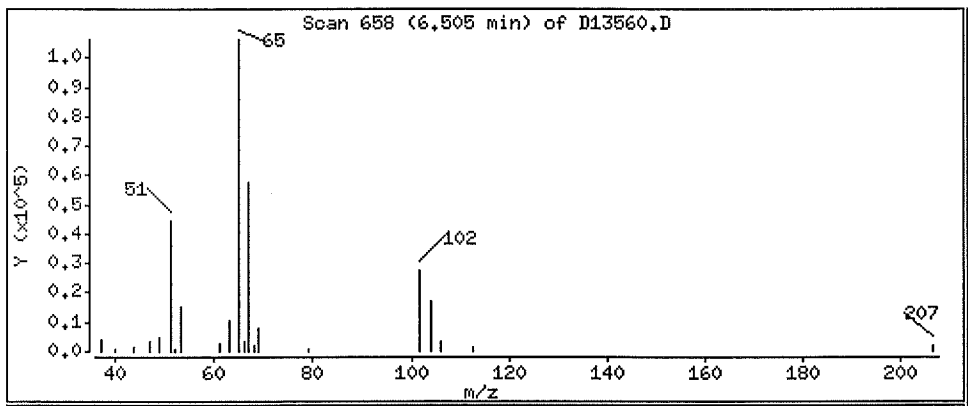
Operator: AD

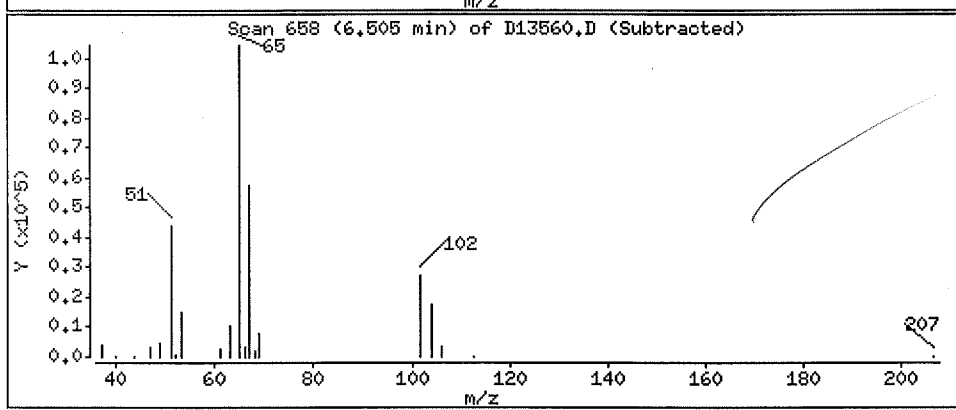
Column phase: J&W DB-624

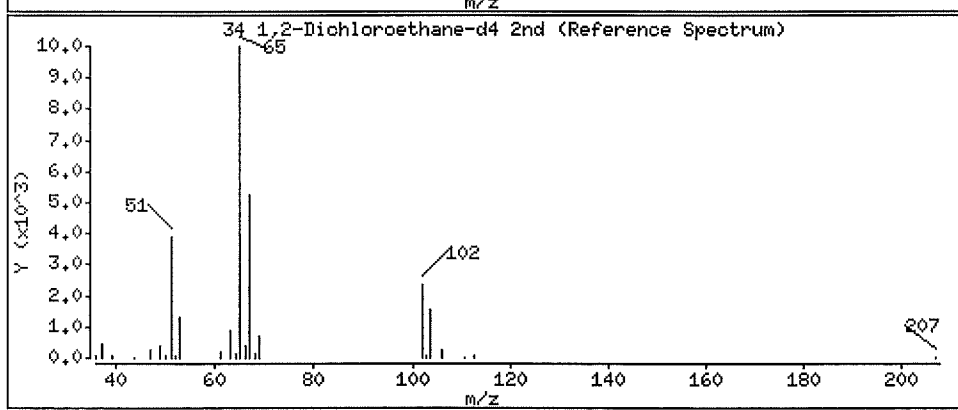
Column diameter: 0.53

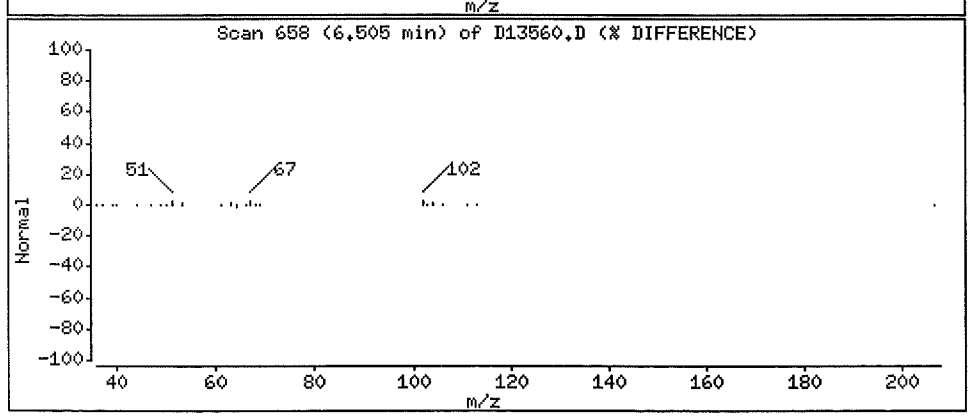
34 1,2-Dichloroethane-d4 2nd

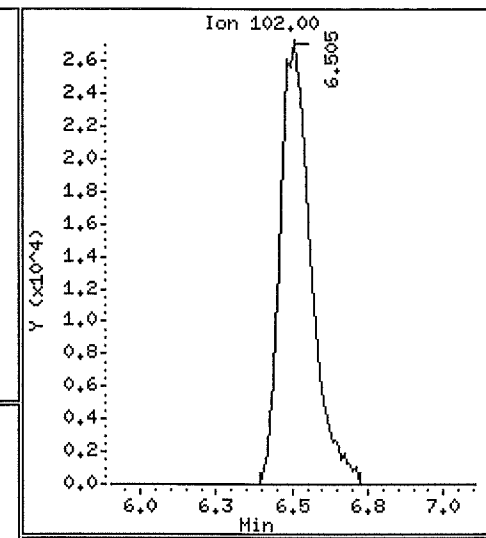
Concentration: 47.18 ug/Kg

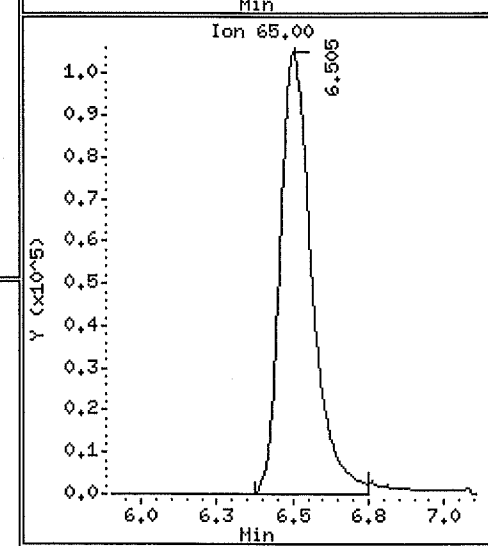












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13560.D

Date : 30-OCT-2000 02:47

Client ID: D13560

Instrument: md.i

Sample Info: DNCHA1AX,,2,,0,1,0,8260BDA.M,D13560

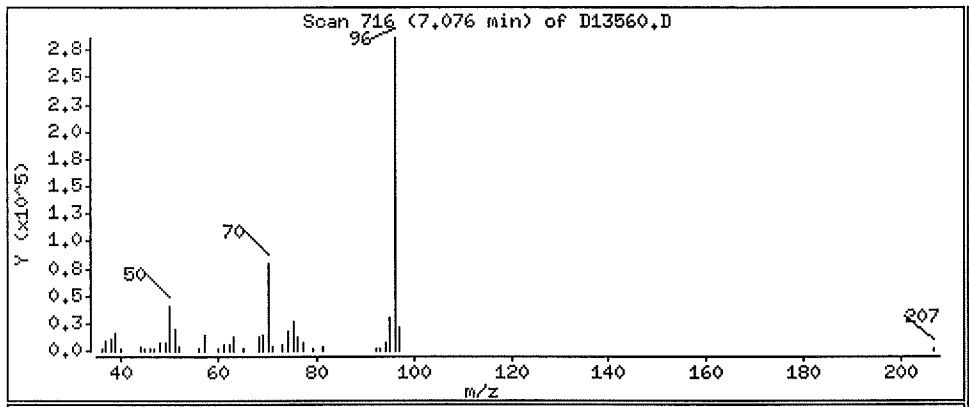
Operator: AD

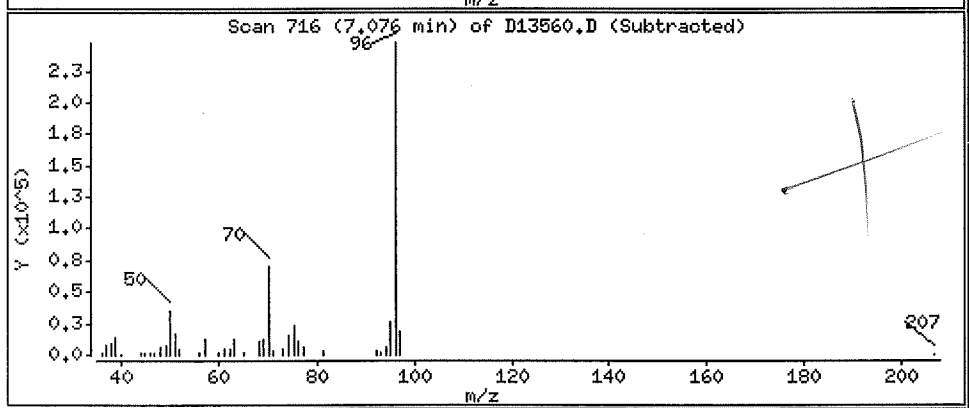
Column phase: J&W DB-624

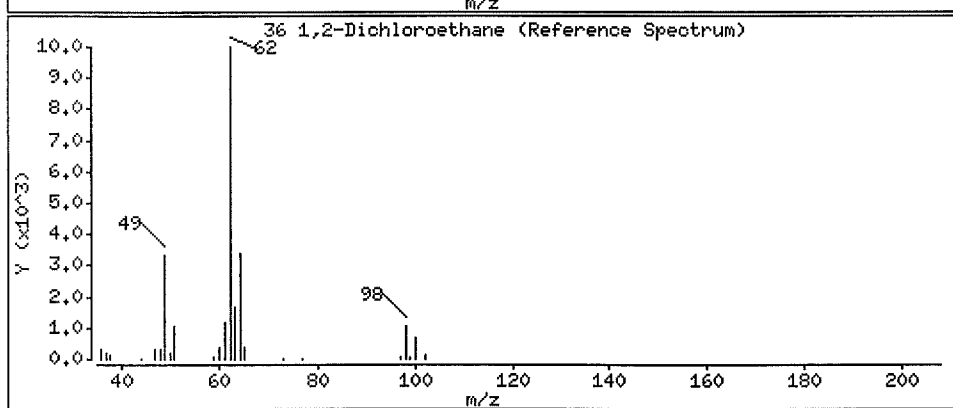
Column diameter: 0.53

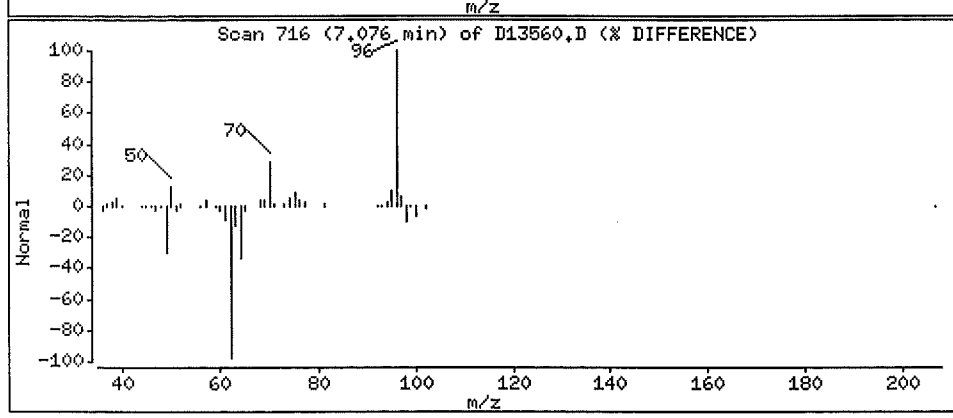
36 1,2-Dichloroethane

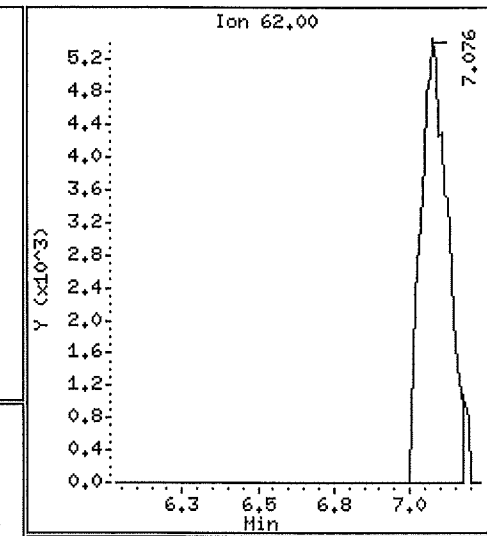
Concentration: 1.60 ug/Kg

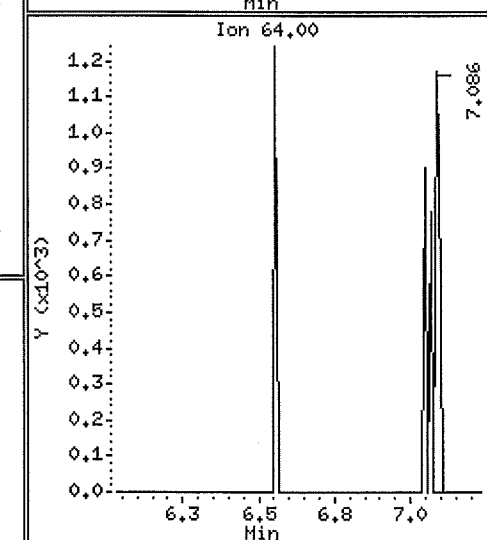


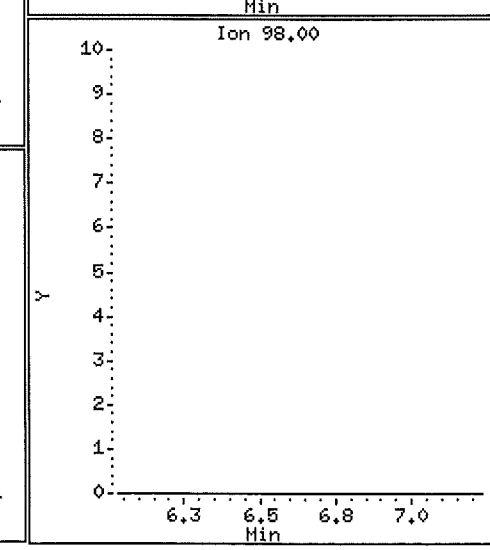












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13560.D

Date : 30-OCT-2000 02:47

Client ID: D13560

Instrument: md.i

Sample Info: DNCHA1AX,,2,,0,1,0,8260BDA.M,D13560

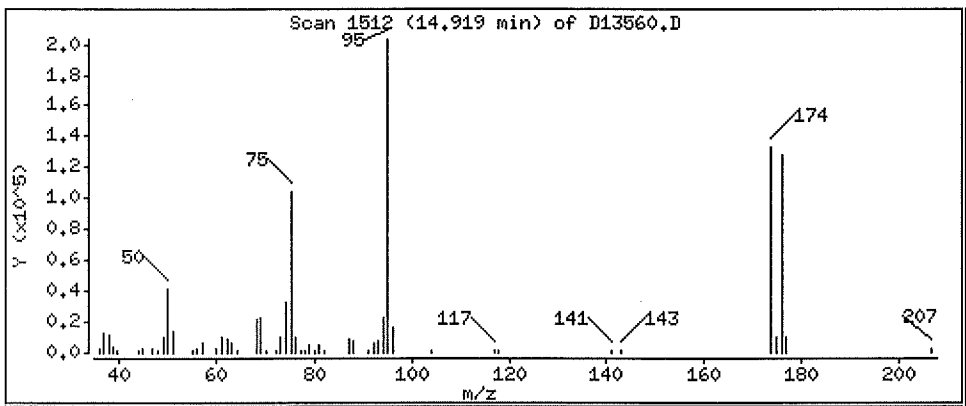
Operator: AD

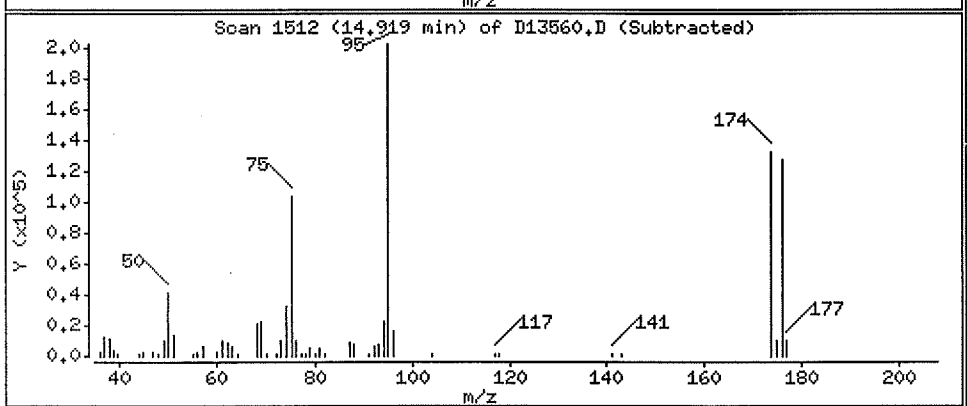
Column phase: J&W DB-624

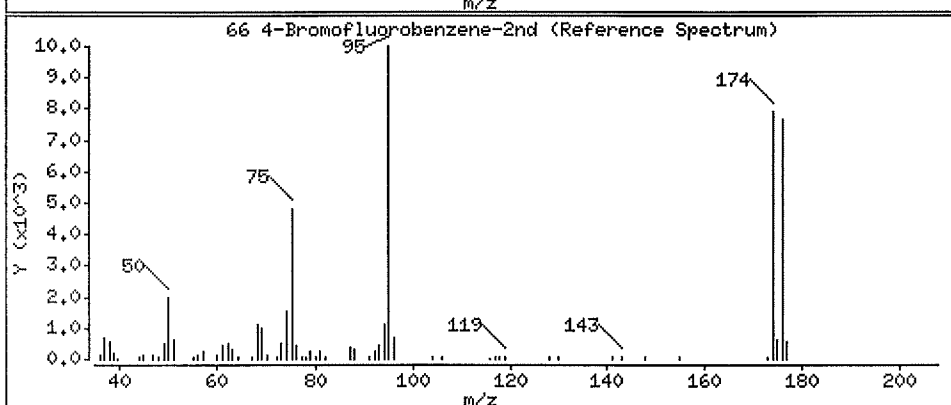
Column diameter: 0.53

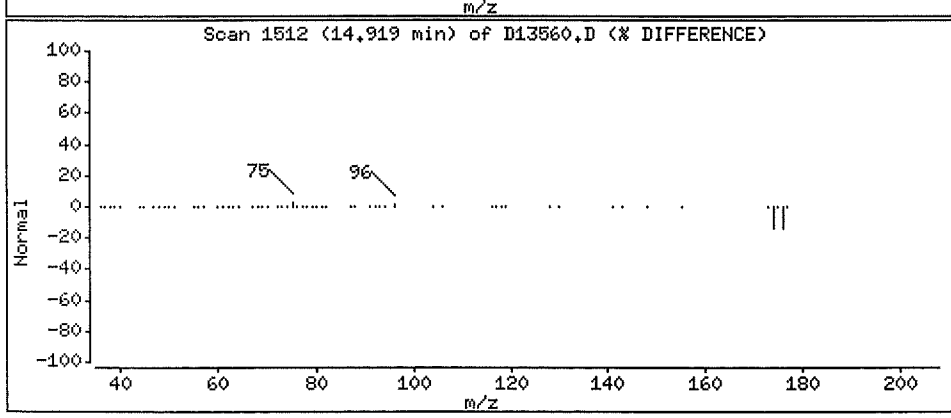
66 4-Bromofluorobenzene-2nd

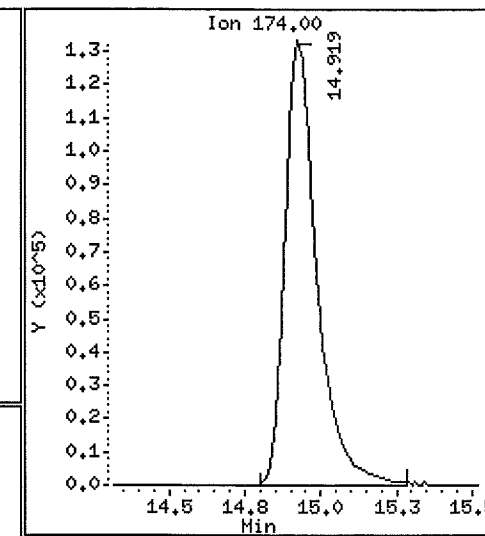
Concentration: 46.74 ug/Kg

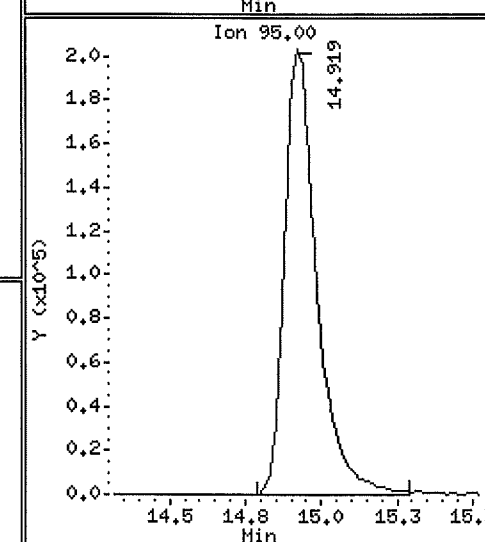


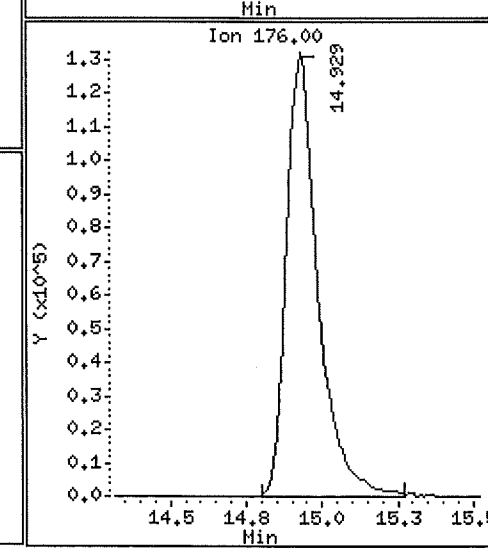












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13560.D

Date : 30-OCT-2000 02:47

Client ID: D13560

Instrument: md.i

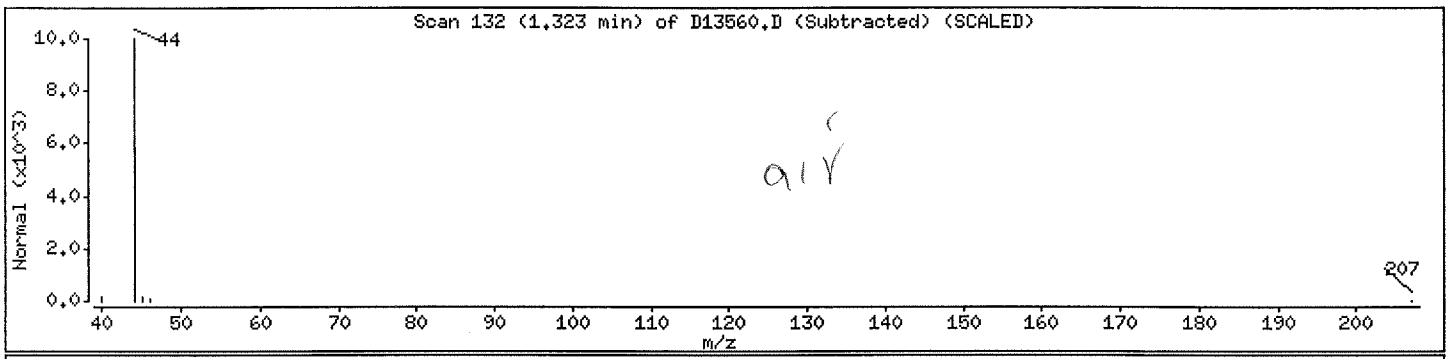
Sample Info: DNCHA1AX,,2,,0,1,0,8260BDA.M,D13560

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13561.D
Lab Smp Id: DNCHG1A3 Client Smp ID: D13561
Inj Date : 30-OCT-2000 03:18
Operator : AD Inst ID: md.i
Smp Info : DNCHG1A3,,2,,0,1,0,8260BDA.M,D13561
Misc Info : E0J180165-19,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.858	2.867	(0.404)	15001	5.24767	5.25
$ 29 Dibromofluoromethane	111	5.952	5.971	(0.841)	1277632	49.0086	49.01
$ 33 1,2-Dichloroethane-d4	65	6.494	6.493	(0.918)	779646	41.0194	41.02
34 1,2-Dichloroethane-d4 2nd	102	6.494	6.503	(0.918)	195083	47.4595	47.46
36 1,2-Dichloroethane	62	7.065	6.631	(0.999)	33755	1.59911	1.60(aQ)
* 38 Fluorobenzene	96	7.075	7.074	(1.000)	2205048	50.0000	
$ 47 Toluene-d8	98	9.893	9.902	(0.786)	2098566	48.0935	48.09
* 56 Chlorobenzene-d5	117	12.583	12.582	(1.000)	1845738	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.927	14.917	(0.866)	1001864	45.9349	45.93
$ 67 4-Bromofluorobenzene	95	14.918	14.936	(0.866)	1523460	42.1241	42.12
* 79 1,4-Dichlorobenzene-d4	152	17.233	17.232	(1.000)	1157791	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13561.D
Lab Smp Id: DNCHG1A3 Client Smp ID: D13561
Inj Date : 30-OCT-2000 03:18
Operator : AD Inst ID: md.i
Smp Info : DNCHG1A3,,2,,0,1,0,8260BDA.M,D13561
Misc Info : E0J180165-19,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.075	5075561	50.000
* 79 1,4-Dichlorobenzene-d4	17.233	7371135	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.321	1627590	16.0335908	16.03	0		0	38
Benzene, 1-phenyl-4-(2-cyano-2-phenyleth				CAS #: 27869-56-3			
15.735	782713	5.30930993	5.31	50	NBS75K.L	39643	79

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCHG1A3
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13561
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.321	16.03	J
2. 27869-56-3	Benzene, 1-phenyl-4-(2-cyan	15.735	5.31	NJ

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13561.D

Date : 30-OCT-2000 03:18

Client ID: D13561

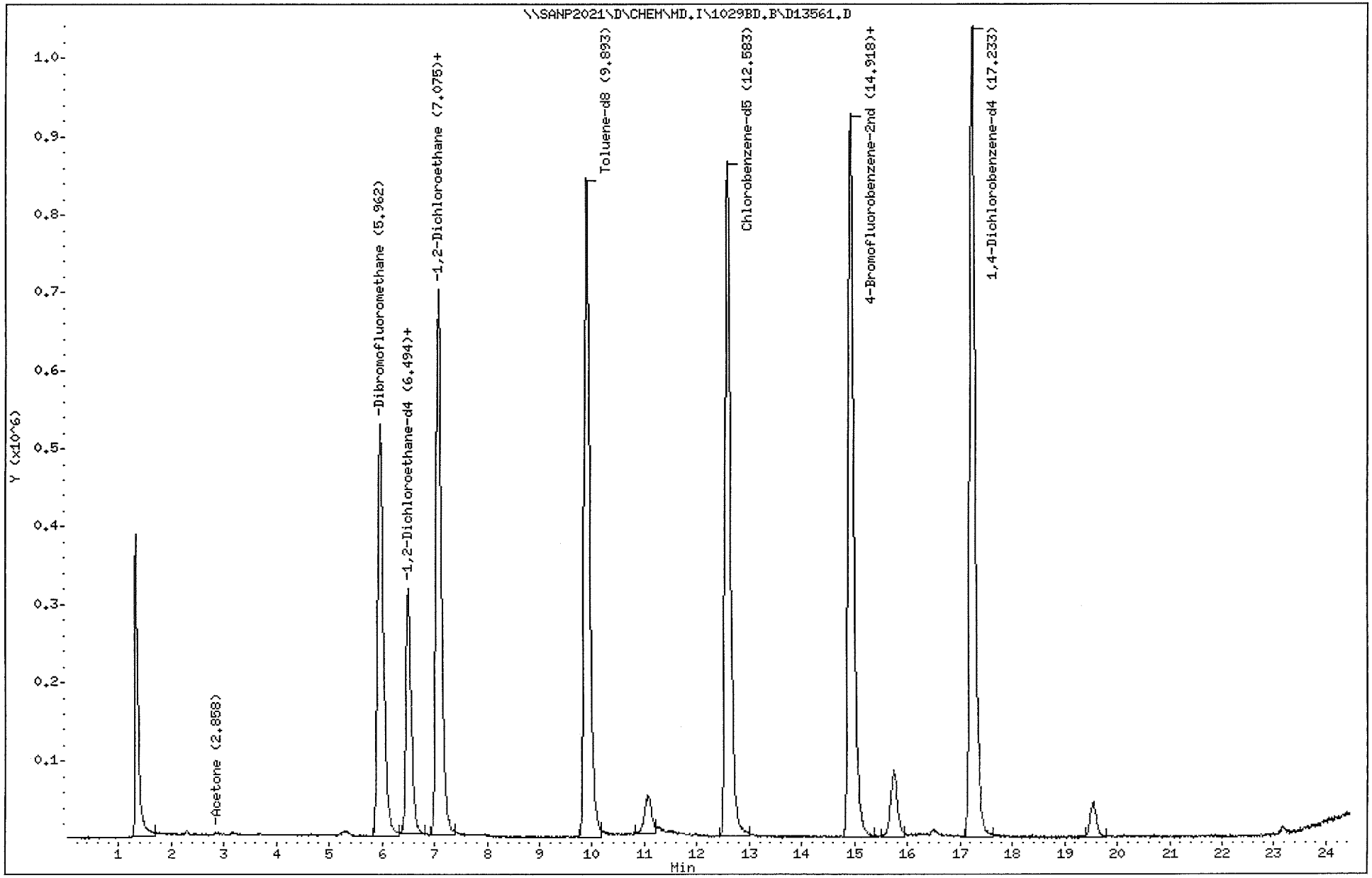
Sample Info: DNCHG1A3,,2,,0,1,0,8260BDA.M,D13561

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



000663

BOE-C6-0175694

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13561.D

Date : 30-OCT-2000 03:18

Client ID: D13561

Instrument: md.i

Sample Info: DNCHG1A3,,2,,0,1,0,8260BDA,M,D13561

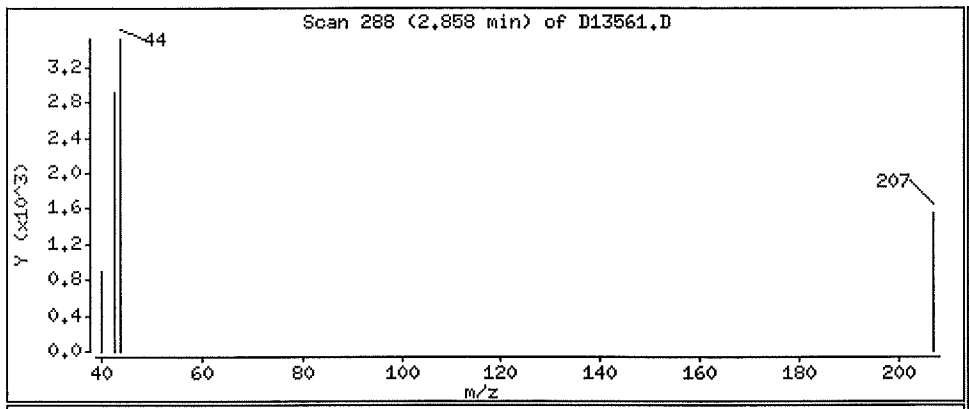
Operator: AD

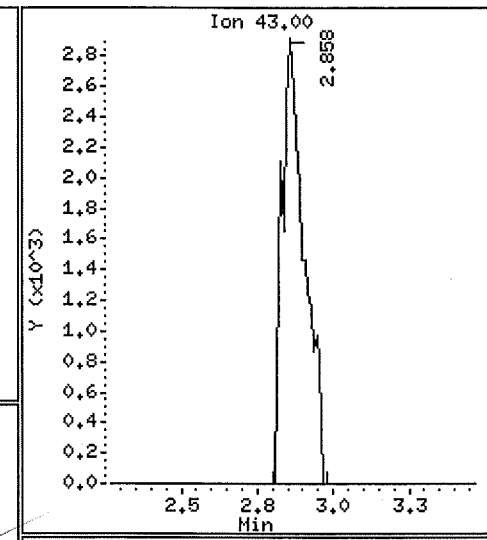
Column phase: J&W DB-624

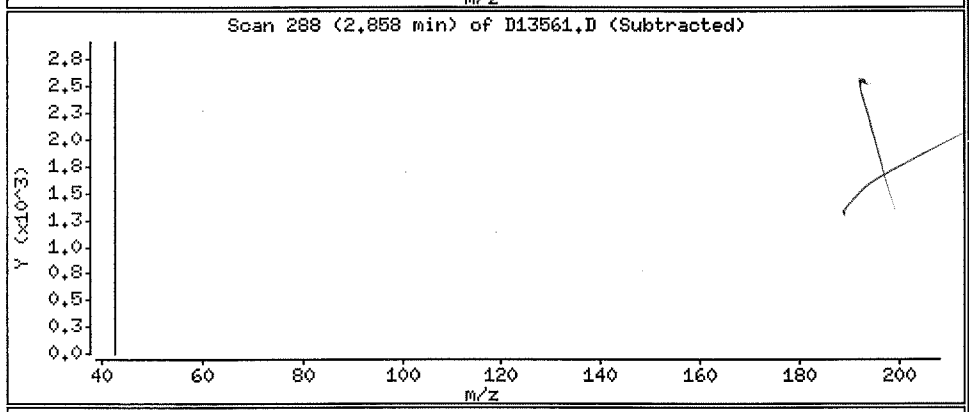
Column diameter: 0.53

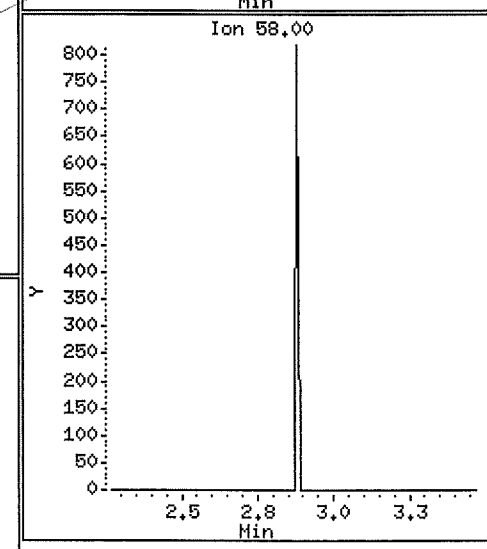
10 Acetone

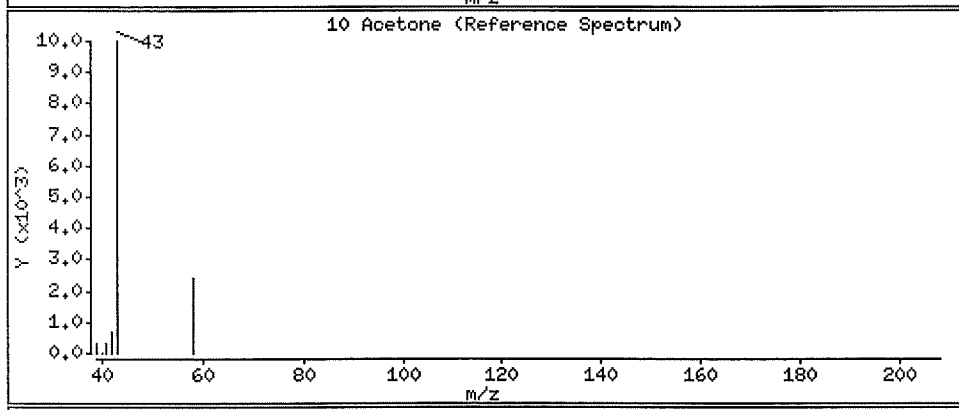
Concentration: 5.25 ug/Kg

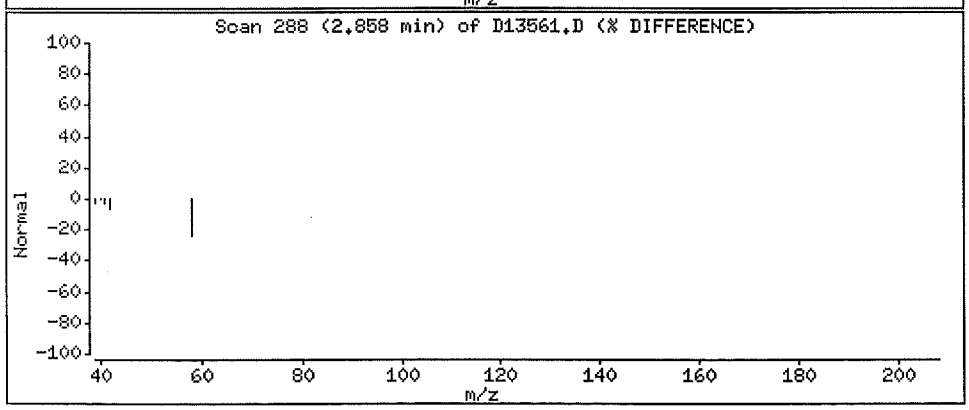












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13561.D

Date : 30-OCT-2000 03:18

Client ID: D13561

Instrument: md.i

Sample Info: DNCHG1A3,,2,,0,1,0,8260BDA.M,D13561

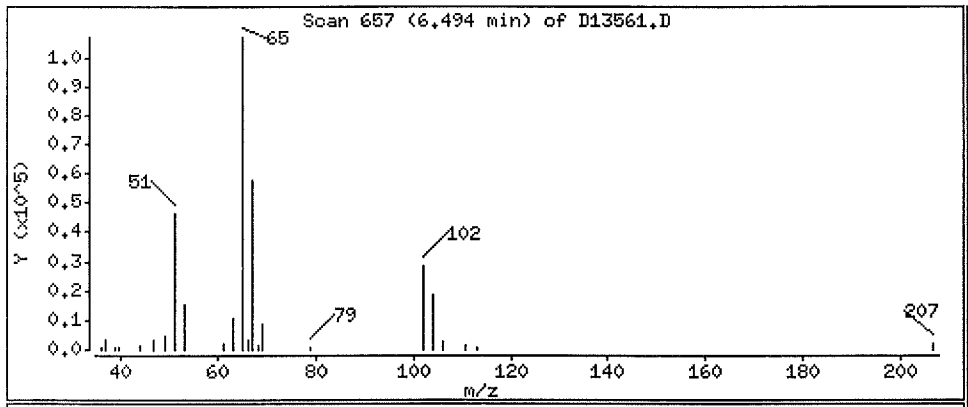
Operator: AD

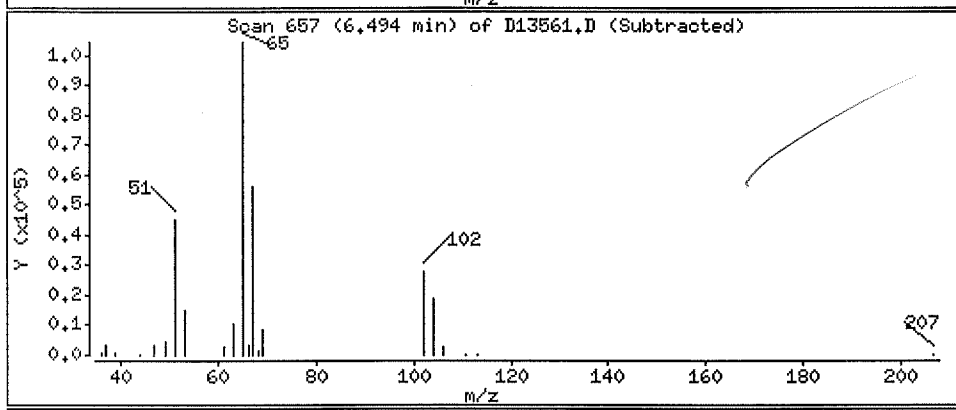
Column phase: J&W DB-624

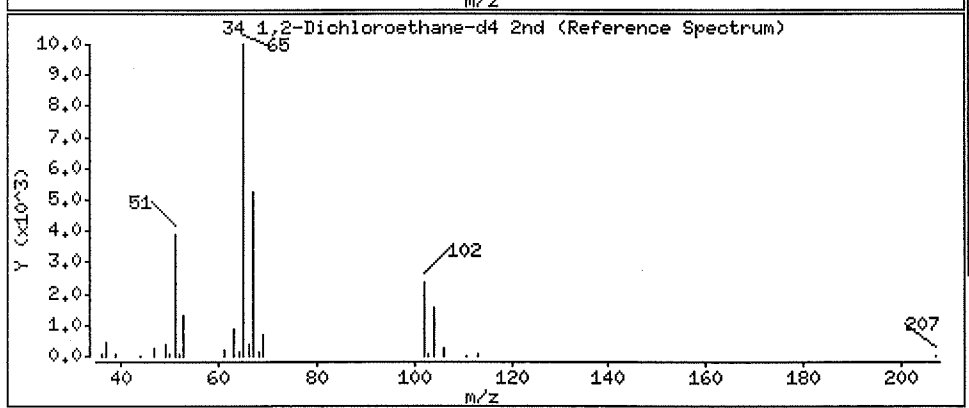
Column diameter: 0.53

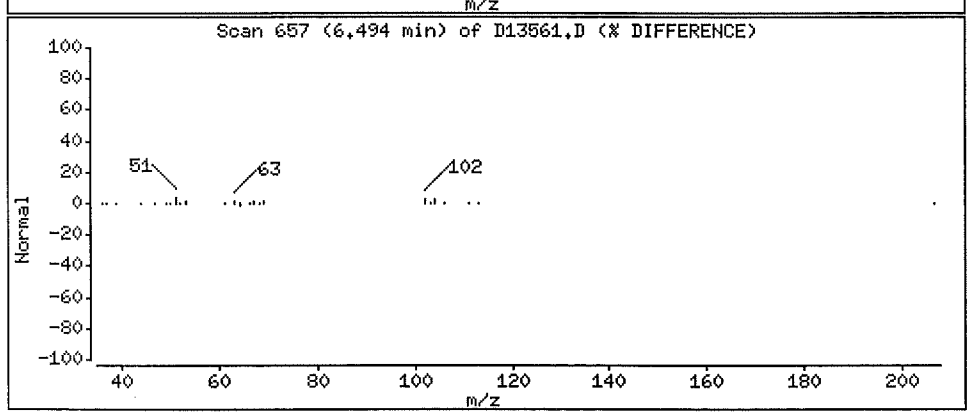
34 1,2-Dichloroethane-d4 2nd

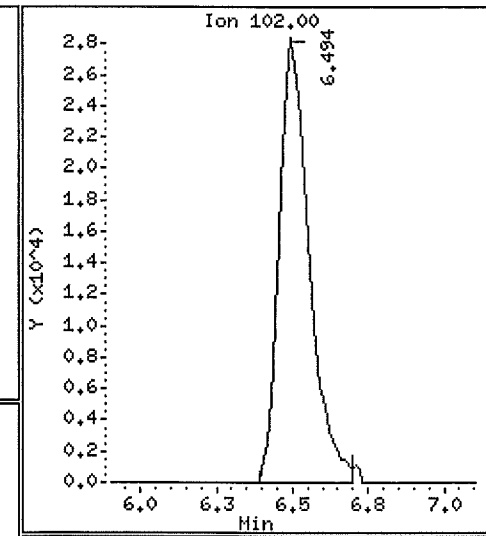
Concentration: 47.46 ug/Kg

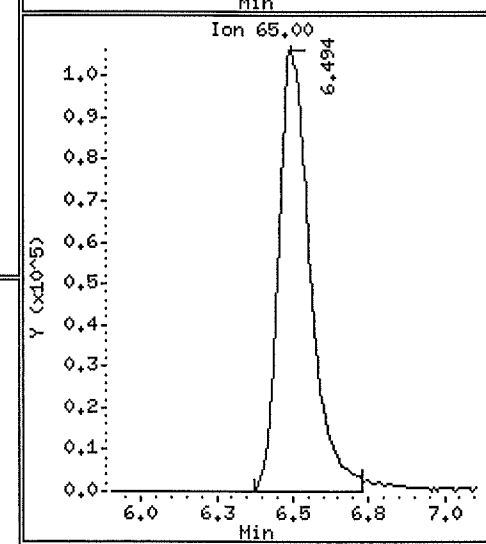












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13561.D

Date : 30-OCT-2000 03:18

Client ID: D13561

Instrument: md.i

Sample Info: DNCHG1A3,,2,,0,1,0,8260BDA.M,D13561

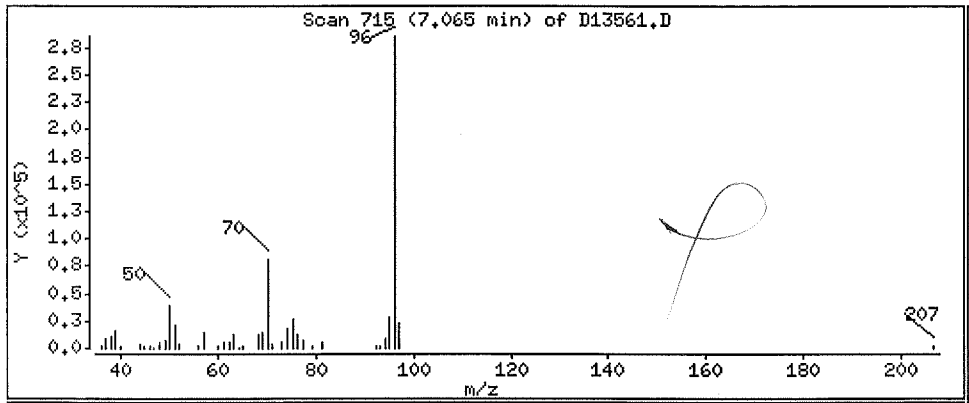
Operator: AD

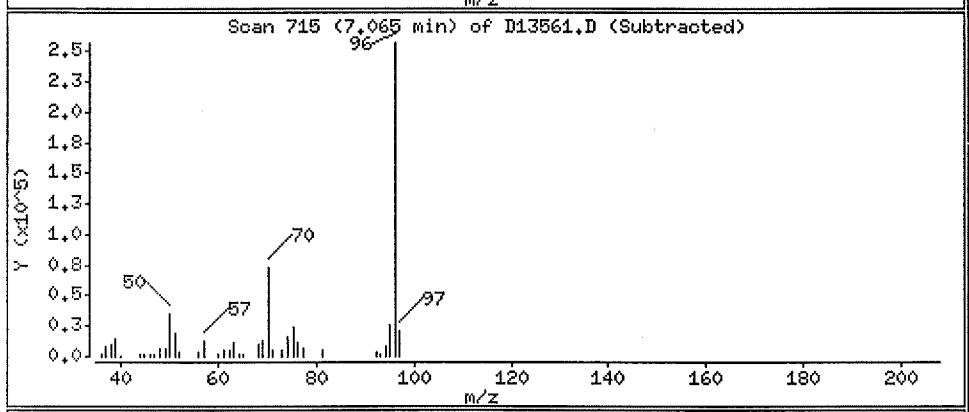
Column phase: J&W DB-624

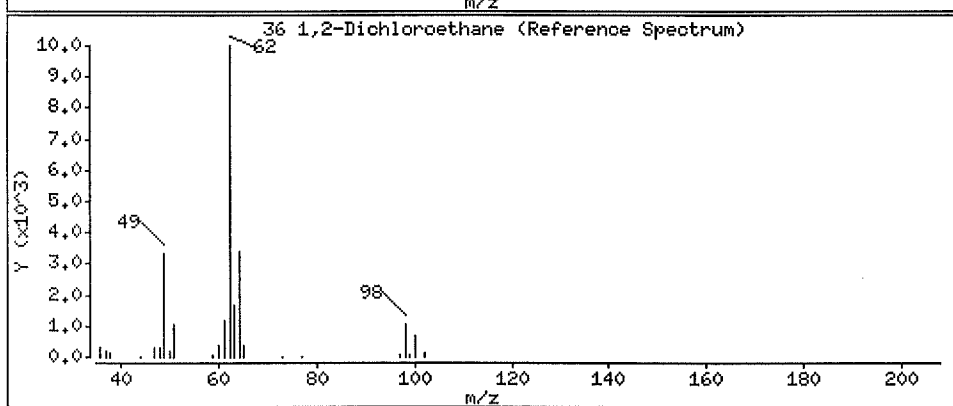
Column diameter: 0.53

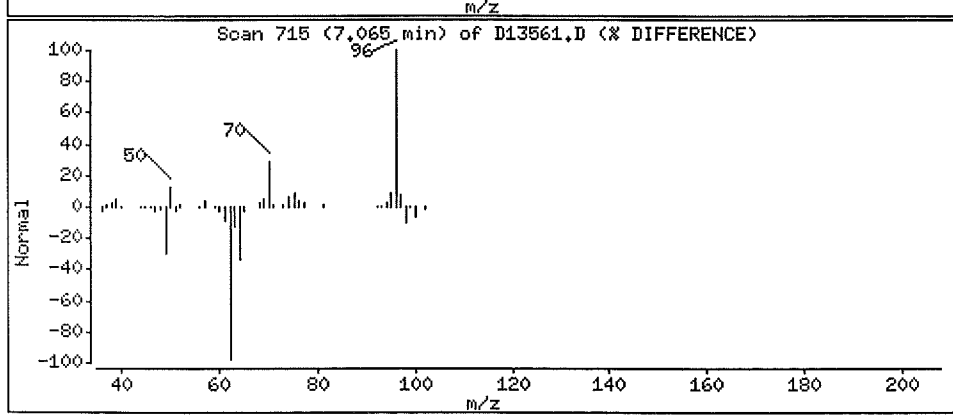
36 1,2-Dichloroethane

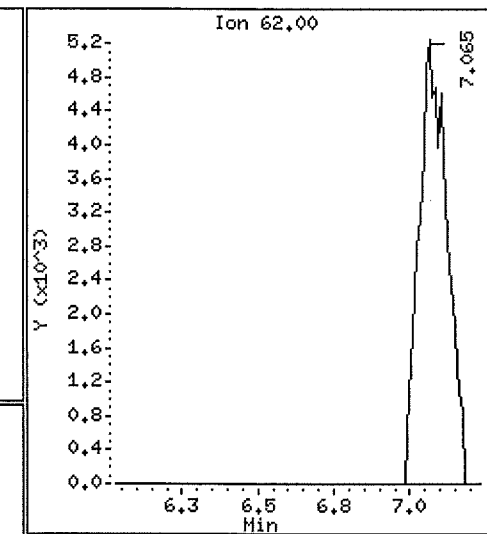
Concentration: 1.60 ug/Kg

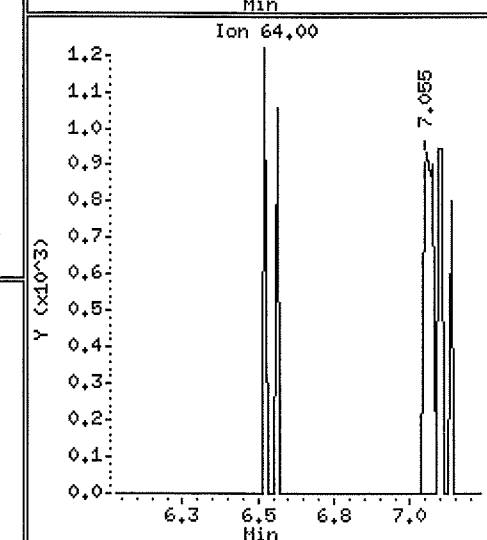


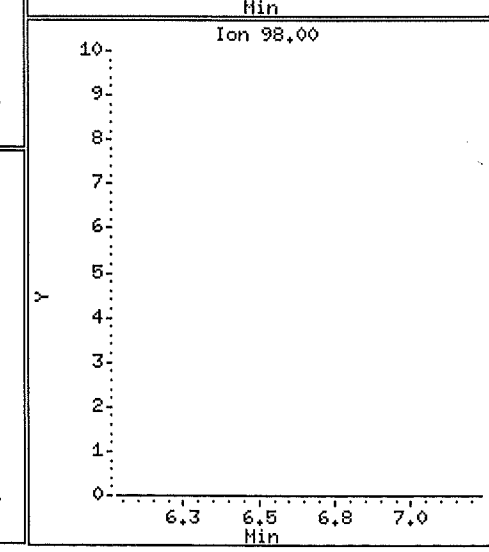












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13561.D

Date : 30-OCT-2000 03:18

Client ID: D13561

Instrument: md.i

Sample Info: DNCHG1A3,,2,,0,1,0,8260BDA.M,D13561

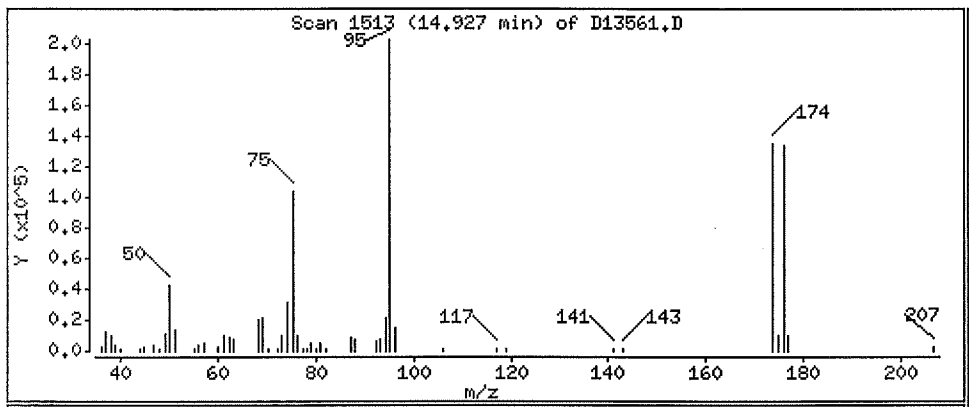
Operator: AD

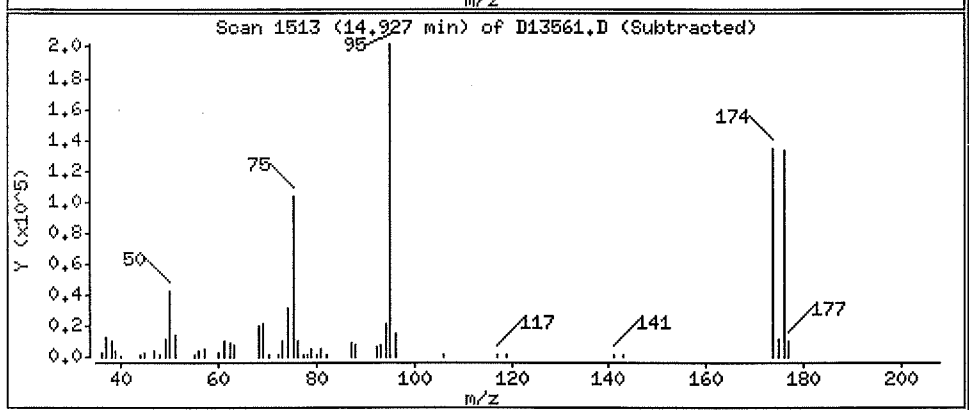
Column phase: J&W DB-624

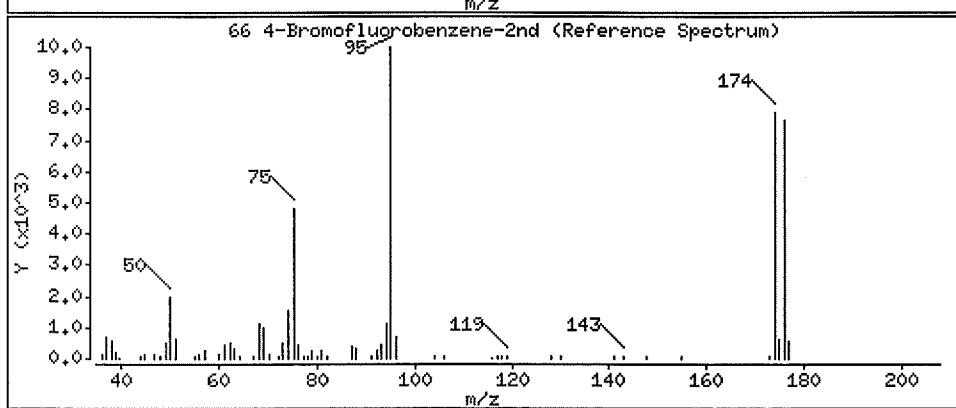
Column diameter: 0.53

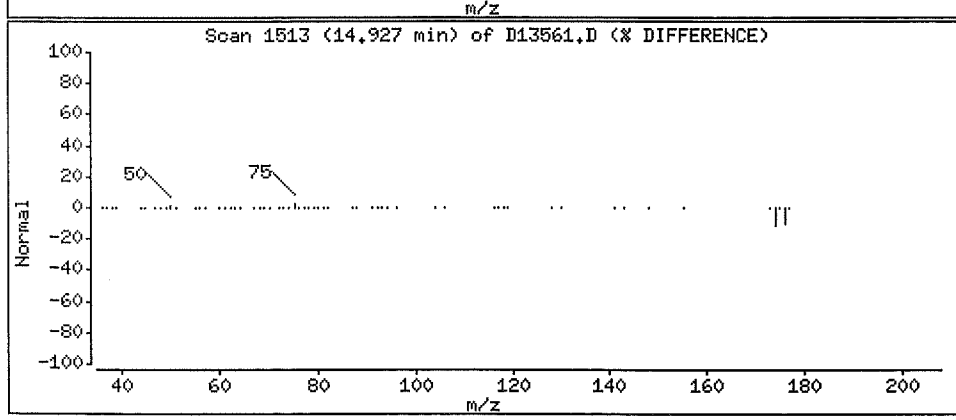
66 4-Bromofluorobenzene-2nd

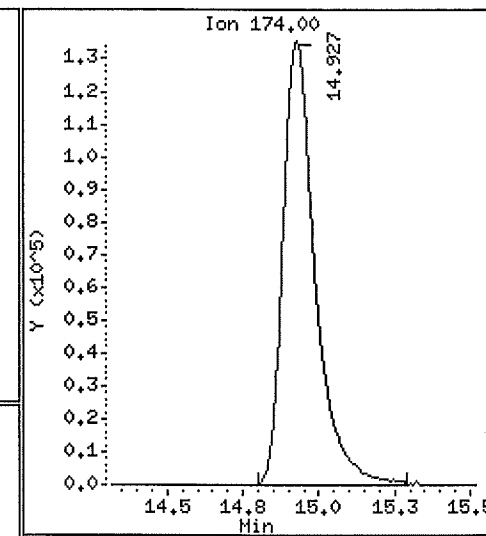
Concentration: 45.93 ug/Kg

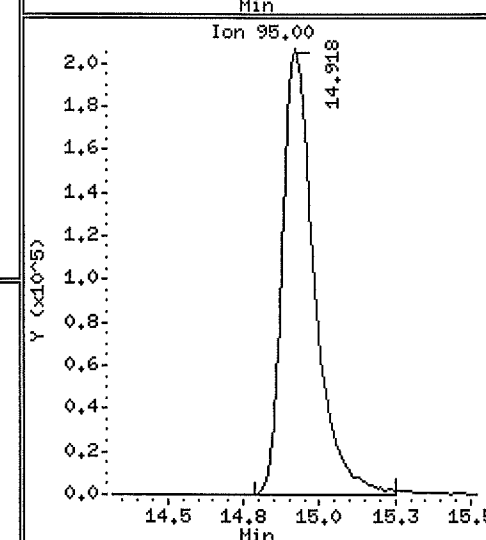


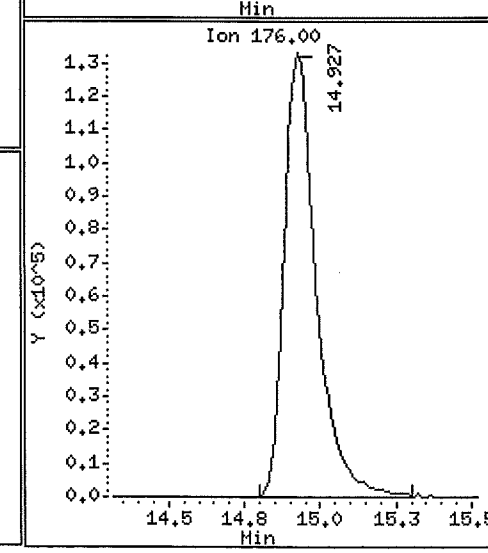












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13561.D

Date : 30-OCT-2000 03:18

Client ID: D13561

Instrument: md.i

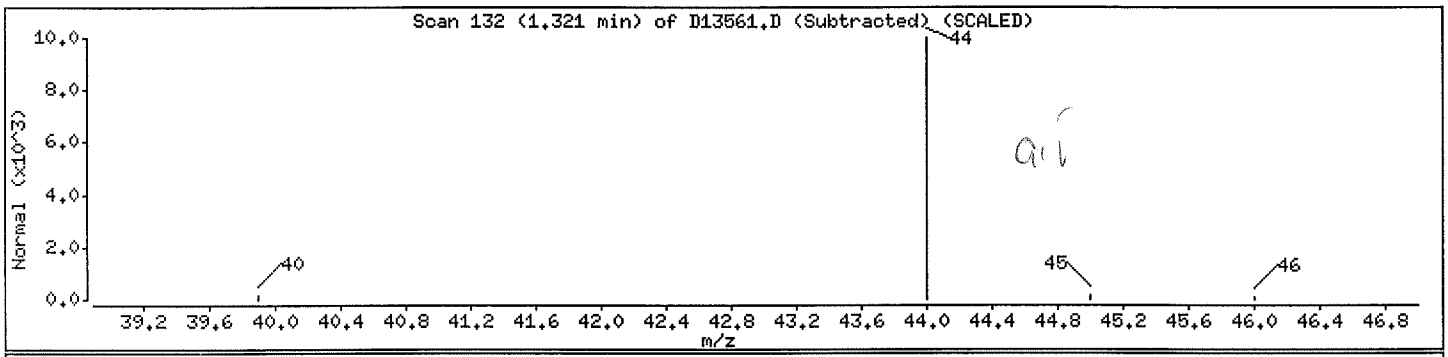
Sample Info: DNCHG1A3,,2,,0,1,0,8260BDA.M,D13561

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13561.D

Date : 30-OCT-2000 03:18

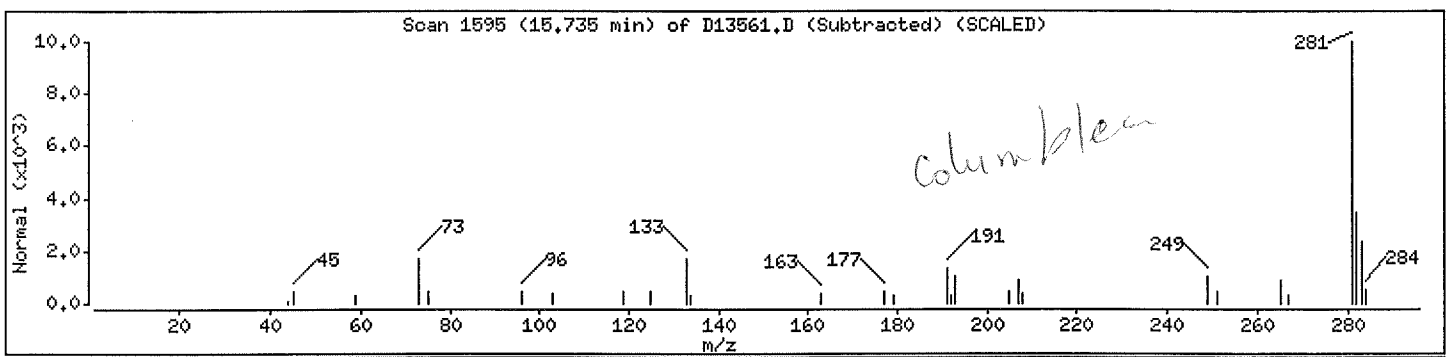
Client ID: D13561 Instrument: md.i

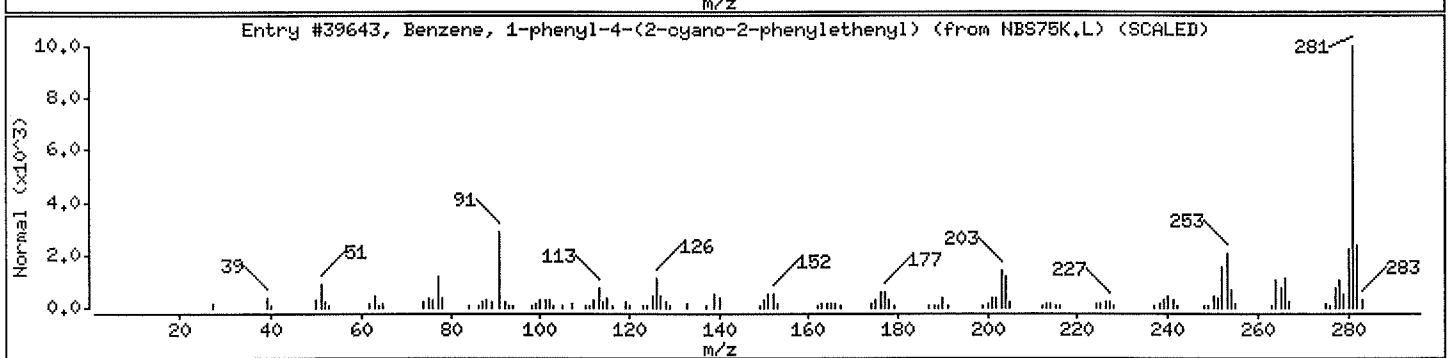
Sample Info: DNCHG1A3,,2,,0,1,0,8260BDA.M,D13561

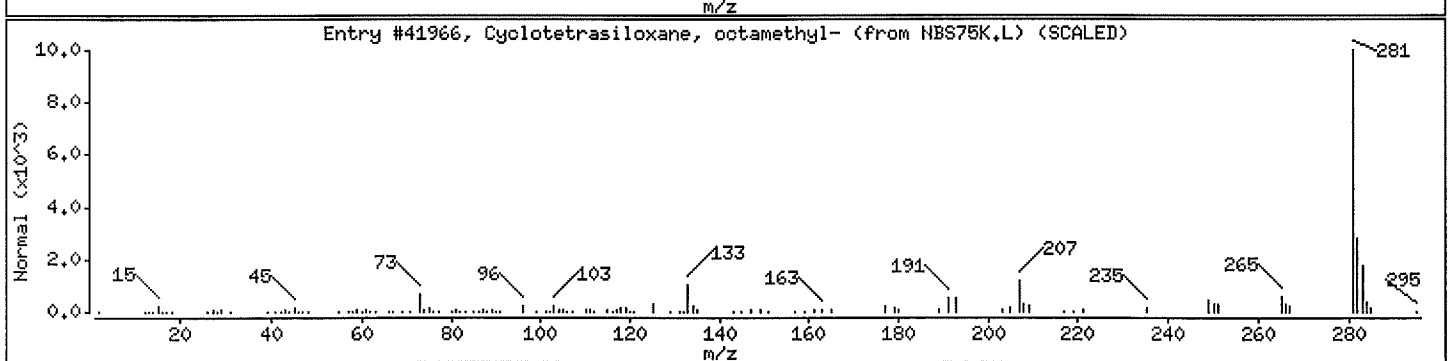
Operator: AD

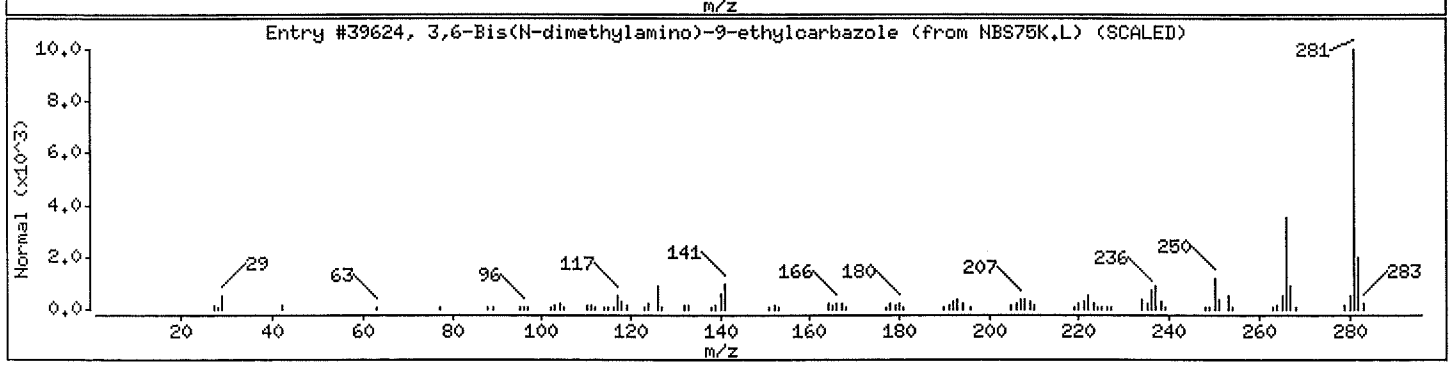
Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1-phenyl-4-(2-cyano-2-phenyleth	27869-56-3	NBS75K.L	39643	50	C21H15N	281
Cyclotetrasiloxane, octamethyl-	556-67-2	NBS75K.L	41966	38	C8H24O4Si4	296
3,6-Bis(N-dimethylamino)-9-ethylcarbazol	57103-04-5	NBS75K.L	39624	33	C18H23N3	281









STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13562.D
Lab Smp Id: DNCHL1AE Client Smp ID: D13562
Inj Date : 30-OCT-2000 03:49
Operator : AD Inst ID: md.i
Smp Info : DNCHL1AE,,2,,0,1,0,8260BDA.M,D13562
Misc Info : E0J180165-20,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.849	2.867	(0.402)	20256	7.01663	7.02(Q)
$ 29 Dibromofluoromethane	111	5.972	5.971	(0.843)	1294279	49.1632	49.16
$ 33 1,2-Dichloroethane-d4	65	6.514	6.493	(0.919)	812340	42.3229	42.32
34 1,2-Dichloroethane-d4 2nd	102	6.504	6.503	(0.918)	202126	48.6937	48.69
36 1,2-Dichloroethane	62	7.086	6.631	(1.000)	34209	1.60482	1.60(aQ)
* 38 Fluorobenzene	96	7.086	7.074	(1.000)	2226755	50.0000	
$ 47 Toluene-d8	98	9.894	9.902	(0.786)	2138187	48.3112	48.31
* 56 Chlorobenzene-d5	117	12.593	12.582	(1.000)	1872109	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.918	14.917	(0.866)	1021794	45.6002	45.60
$ 67 4-Bromofluorobenzene	95	14.918	14.936	(0.866)	1559630	41.9750	41.97
* 79 1,4-Dichlorobenzene-d4	152	17.234	17.232	(1.000)	1189492	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13562.D
Lab Smp Id: DNCHL1AE Client Smp ID: D13562
Inj Date : 30-OCT-2000 03:49
Operator : AD Inst ID: md.i
Smp Info : DNCHL1AE,,2,,0,1,0,8260BDA.M,D13562
Misc Info : E0J180165-20,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.086	5104587	50.000
* 56 Chlorobenzene-d5	12.593	6212141	50.000
* 79 1,4-Dichlorobenzene-d4	17.233	7532172	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	1125725	11.0265992	11.03	0		0	38

RT	AREA	CONCENTRATIONS ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Cyclotrisiloxane, hexamethyl-					CAS #: 541-05-9		
11.056	627393	5.04973518	5.05	78	NBS75K.L	70586	56
Cyclotetrasiloxane, octamethyl-					CAS #: 556-67-2		
15.726	854939	5.67524605	5.68	64	NBS75K.L	41966	79

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCHL1AE
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13562
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.322	11.03	J
2. 541-05-9	Cyclotrisiloxane, hexamethy	11.056	5.05	NJ
3. 556-67-2	Cyclotetrasiloxane, octamet	15.726	5.68	NJ

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13562.D

Date : 30-OCT-2000 03:49

Client ID: D13562

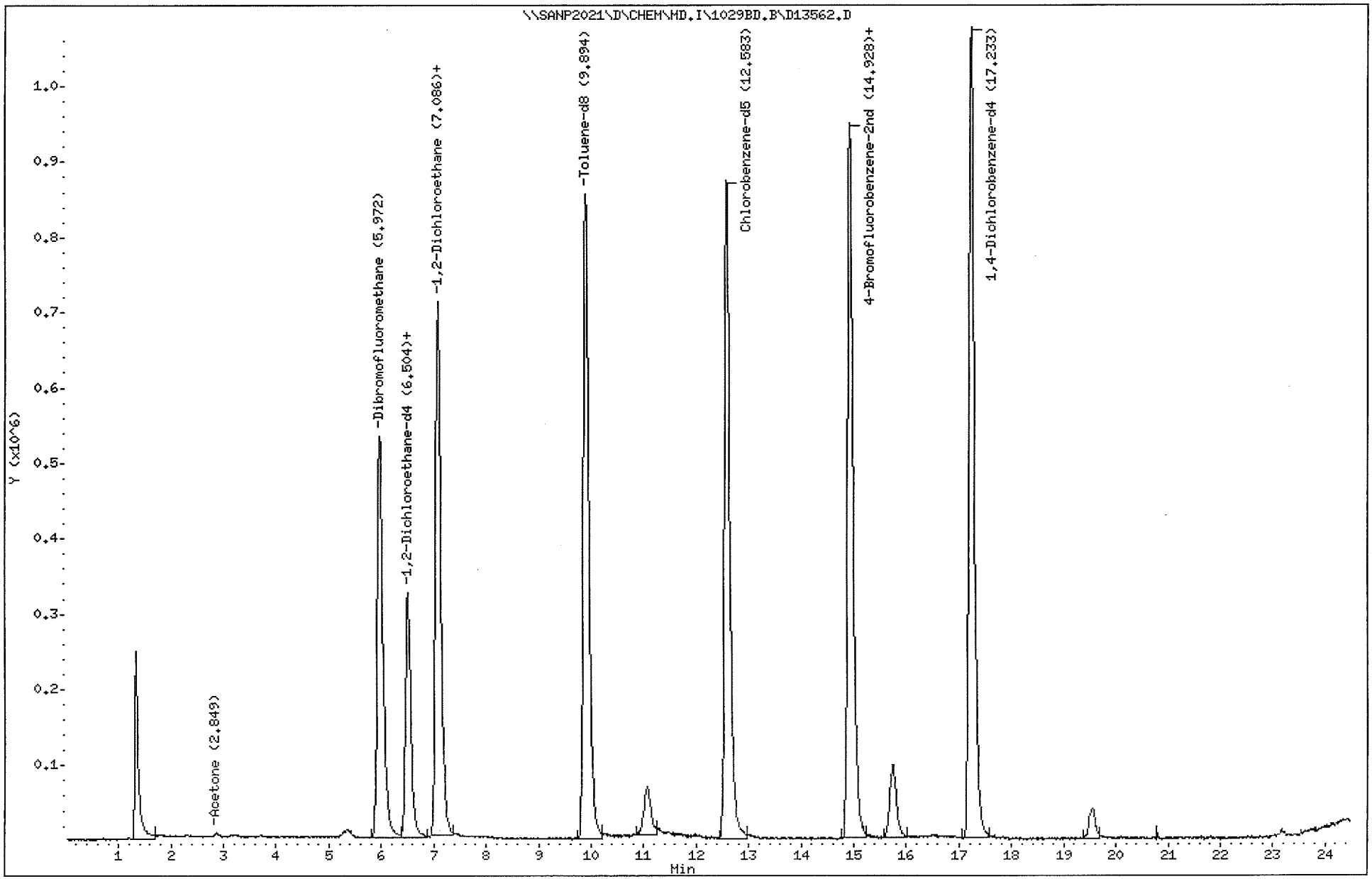
Sample Info: DNCHL1AE,,2,,0,1,0,8260BDA.M,D13562

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



000675

BOE-C6-0175706

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13562.D

Date : 30-OCT-2000 03:49

Client ID: D13562

Instrument: md.i

Sample Info: DNCHL1AE,,2,,0,1,0,8260BDA.M,D13562

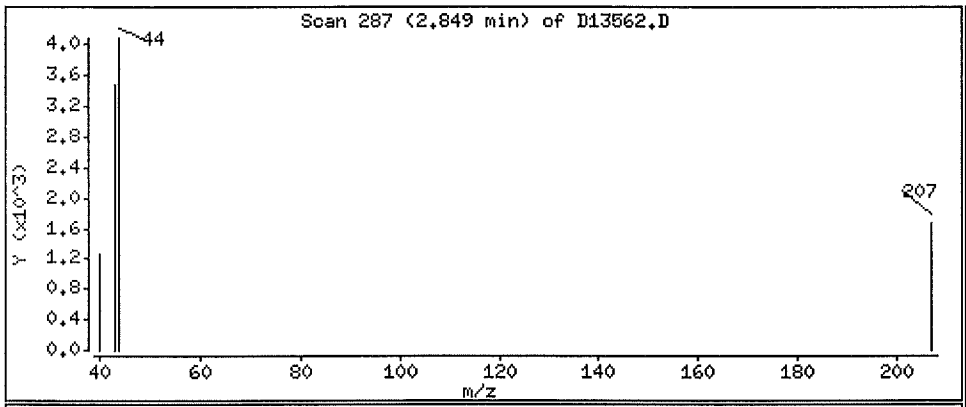
Operator: AD

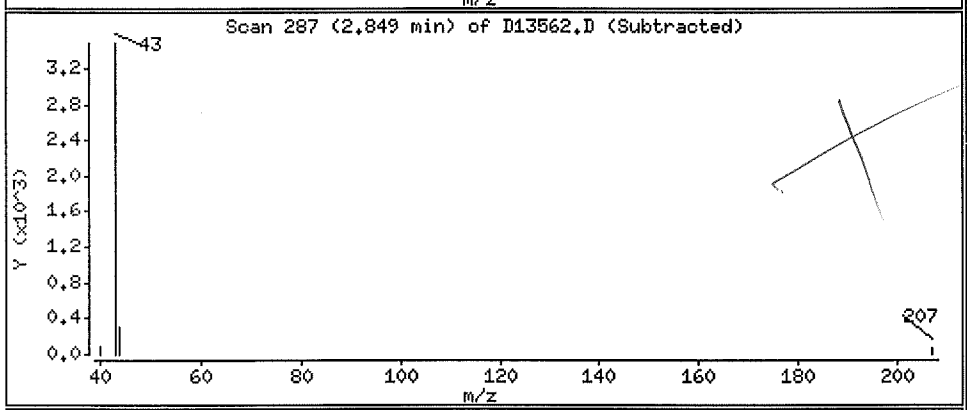
Column phase: J&W DB-624

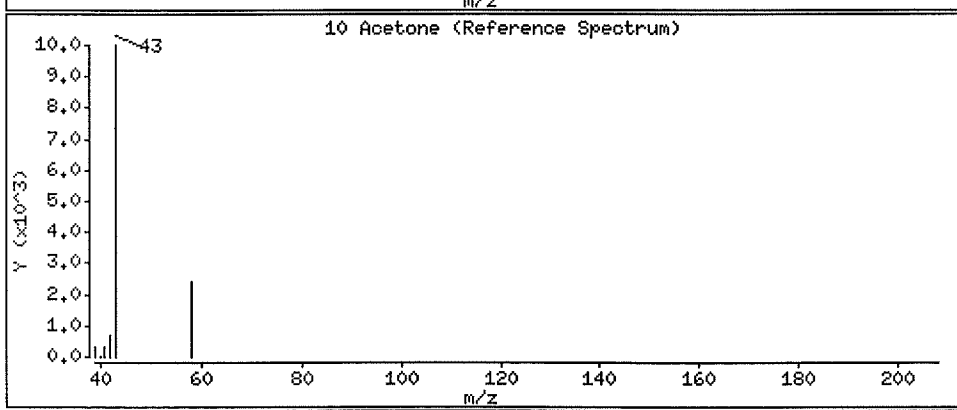
Column diameter: 0.53

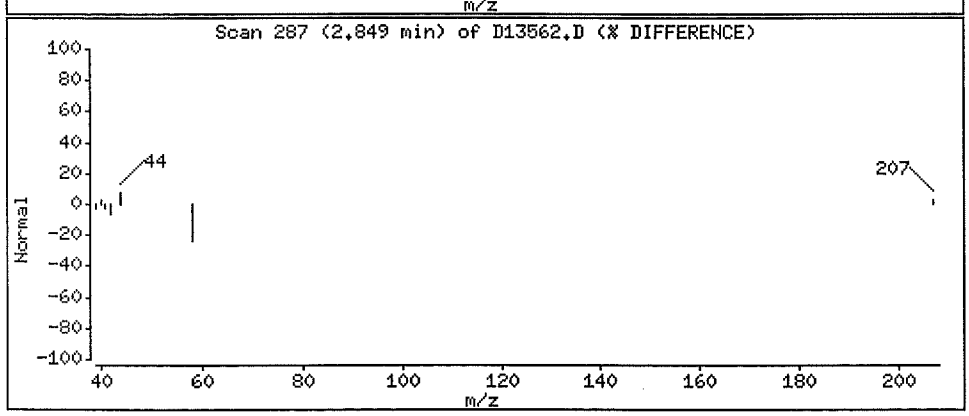
10 Acetone

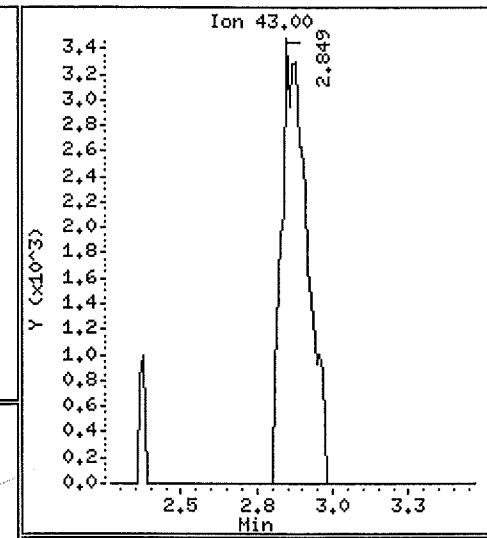
Concentration: 7.02 ug/Kg

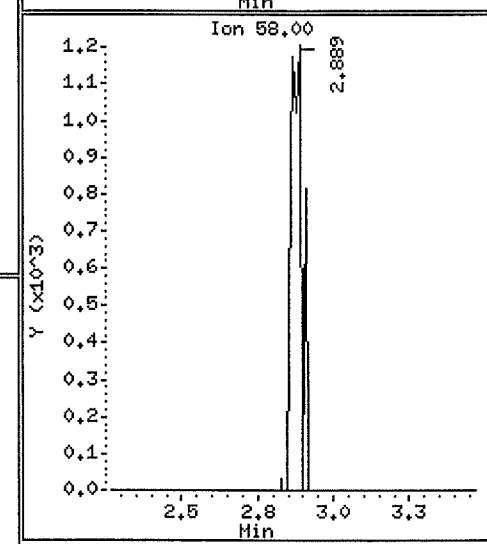












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13562.D

Date : 30-OCT-2000 03:49

Client ID: D13562

Instrument: md.i

Sample Info: DNCHL1AE,,2,,0,1,0,8260BDA.M,D13562

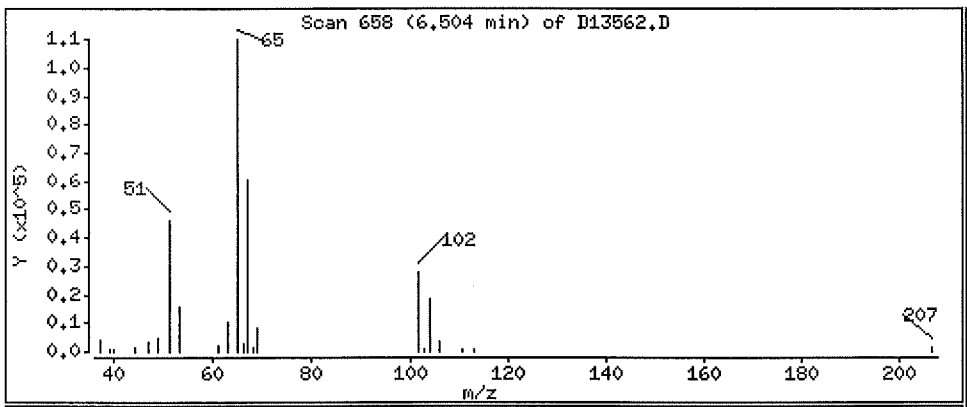
Operator: AD

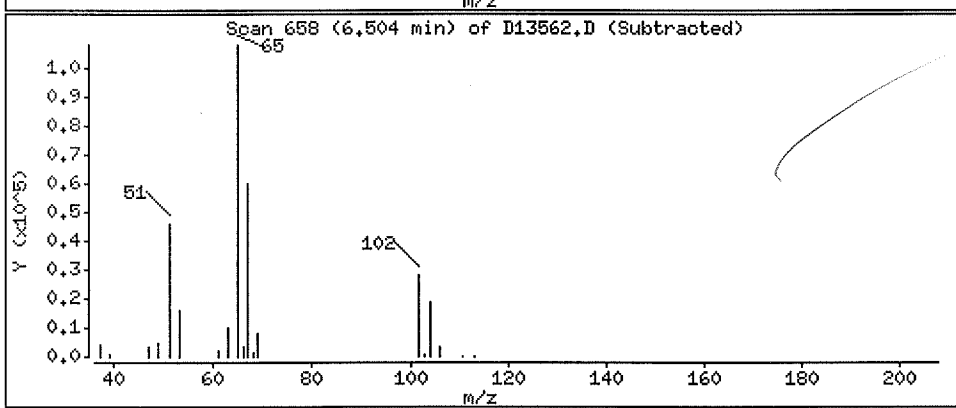
Column phase: J&W DB-624

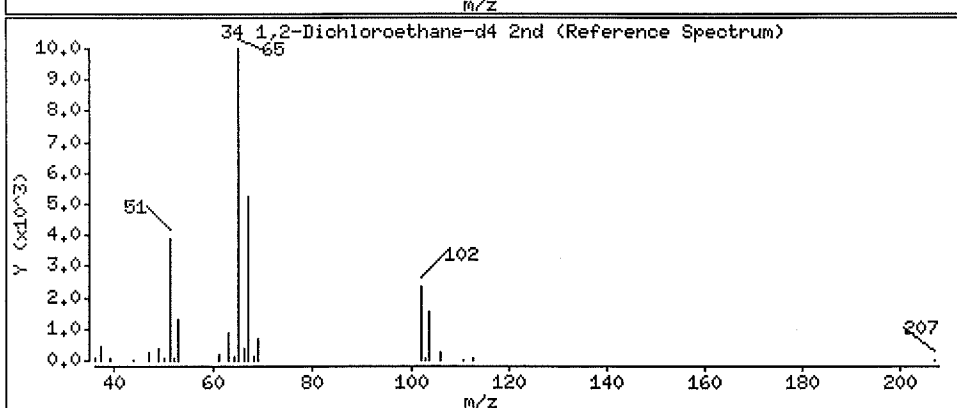
Column diameter: 0.53

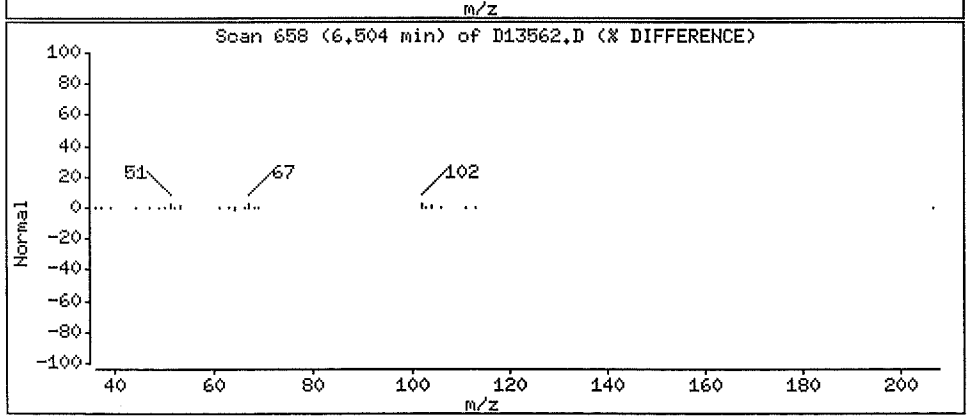
34 1,2-Dichloroethane-d4 2nd

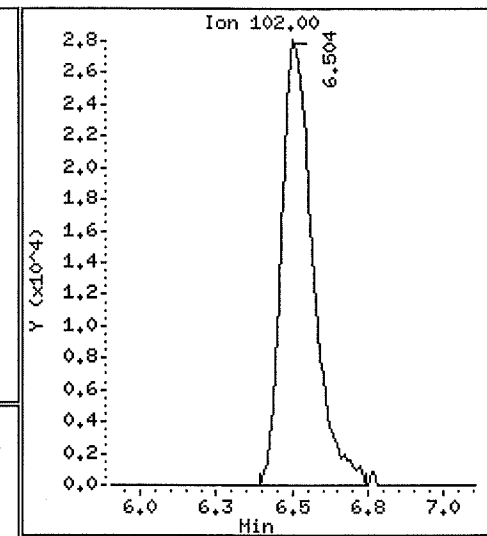
Concentration: 48.69 ug/Kg

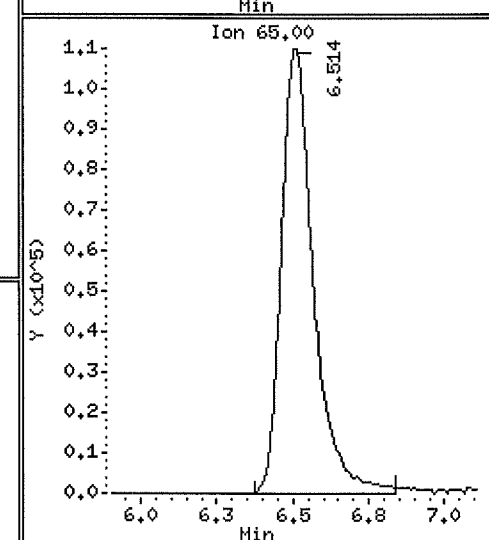












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13562.D

Date : 30-OCT-2000 03:49

Client ID: D13562

Instrument: md.i

Sample Info: DNCHL1AE,,2,,0,1,0,8260BDA,M,D13562

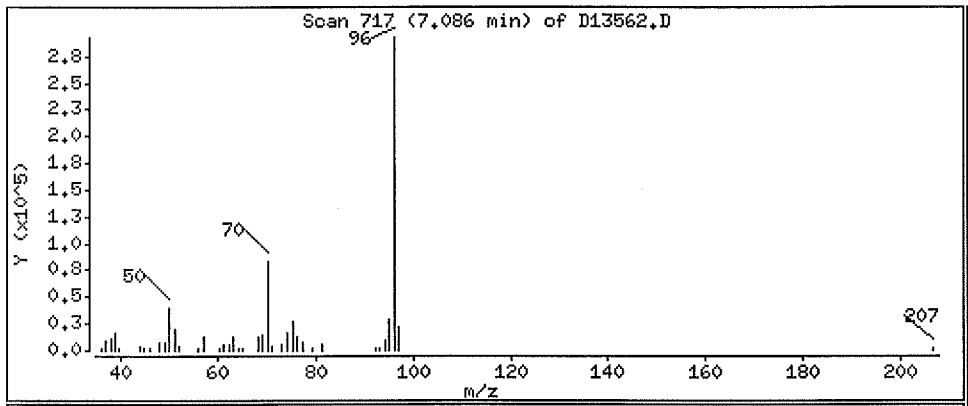
Operator: AD

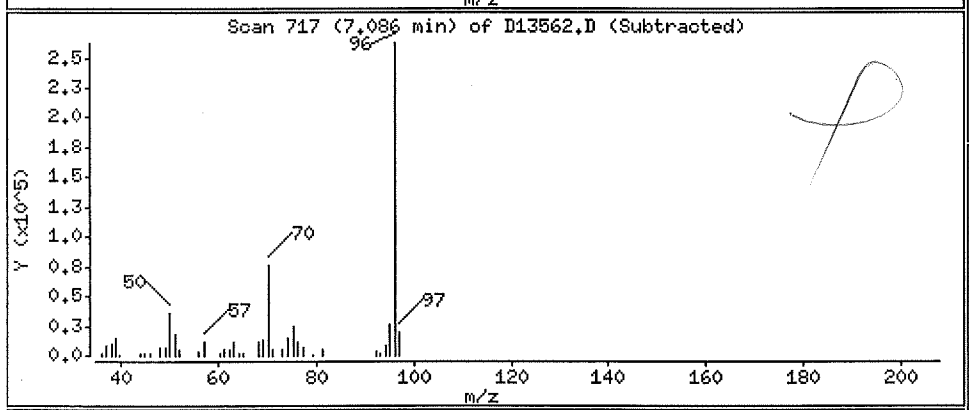
Column phase: J&W DB-624

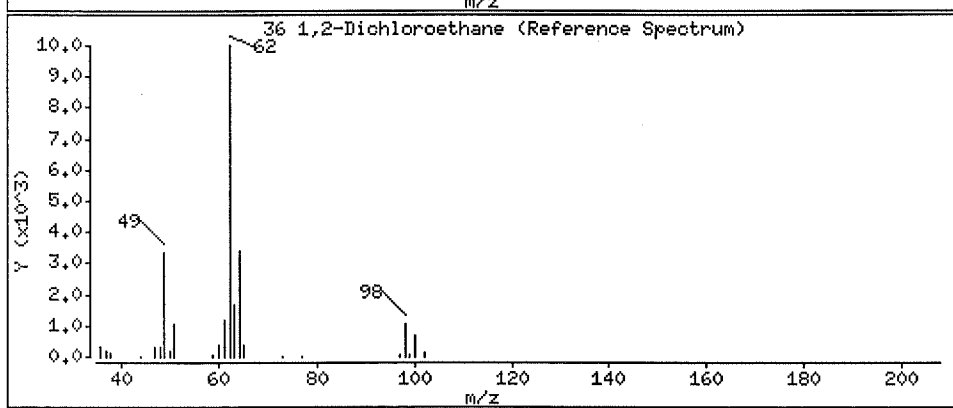
Column diameter: 0.53

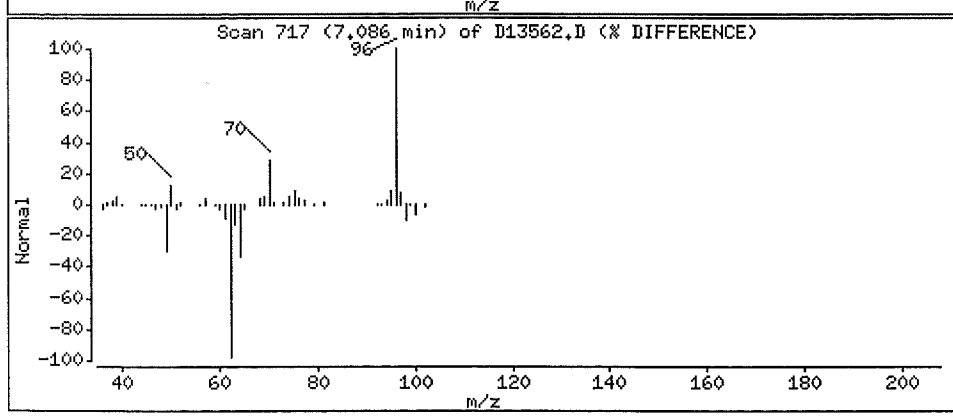
36 1,2-Dichloroethane

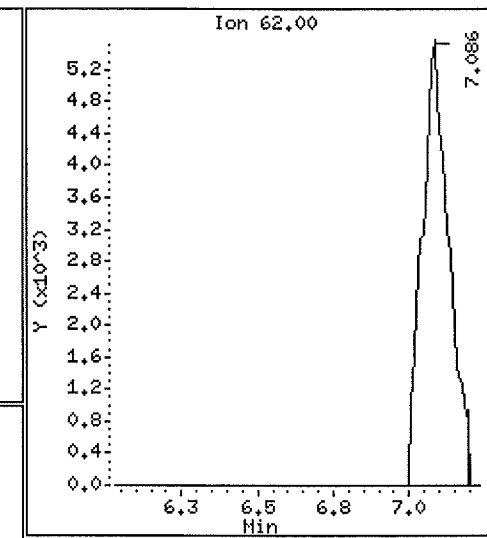
Concentration: 1.60 ug/Kg

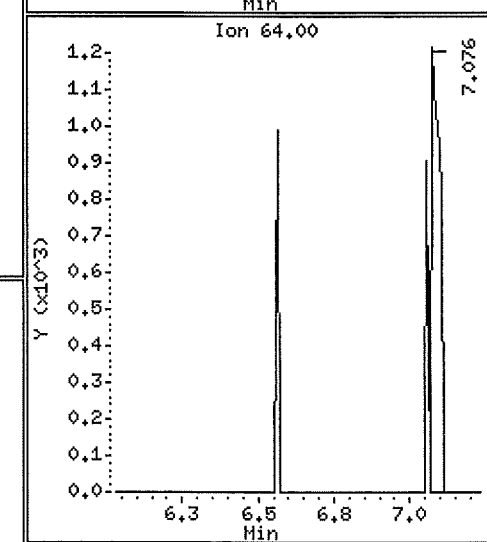


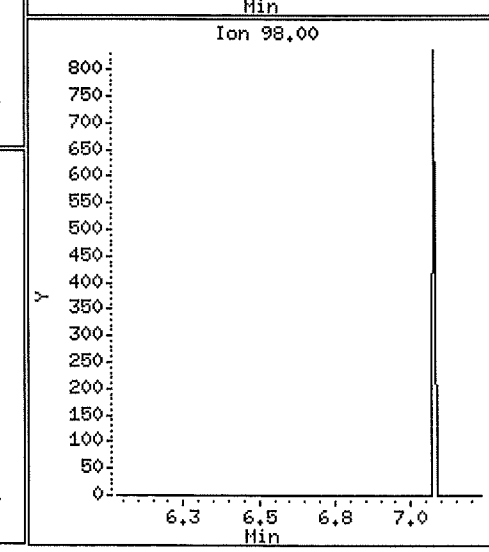












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13562.D

Date : 30-OCT-2000 03:49

Client ID: D13562

Instrument: md.i

Sample Info: DNCHL1AE,,2,,0,1,0,8260BDA.M,D13562

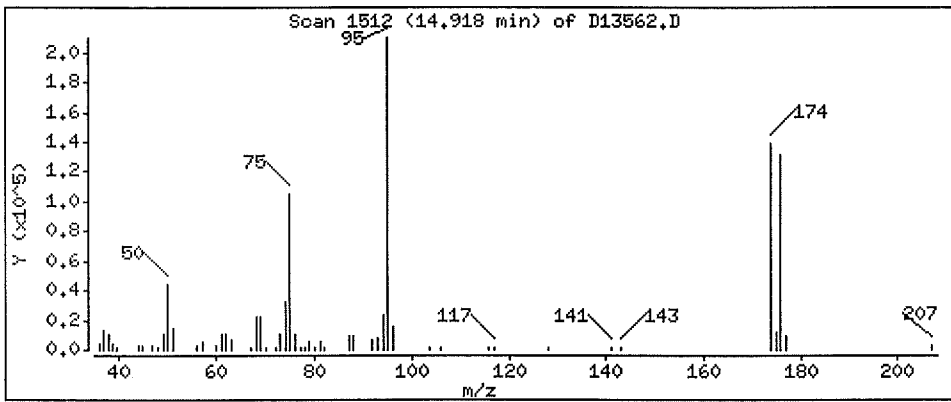
Operator: AD

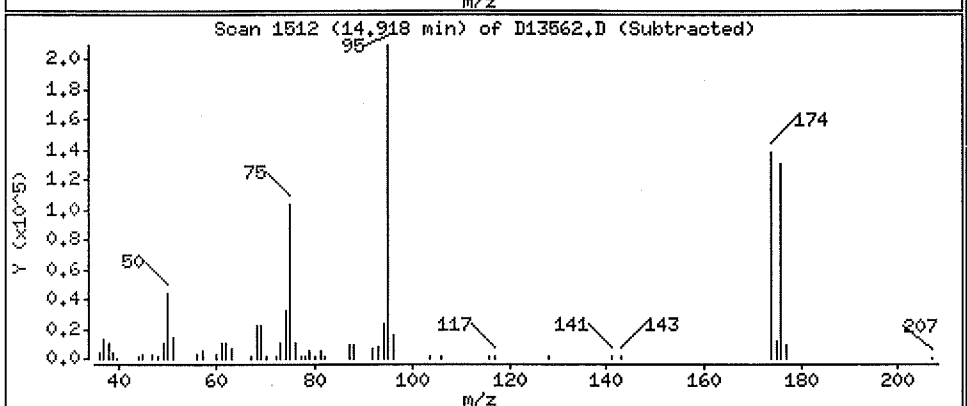
Column phase: J&W DB-624

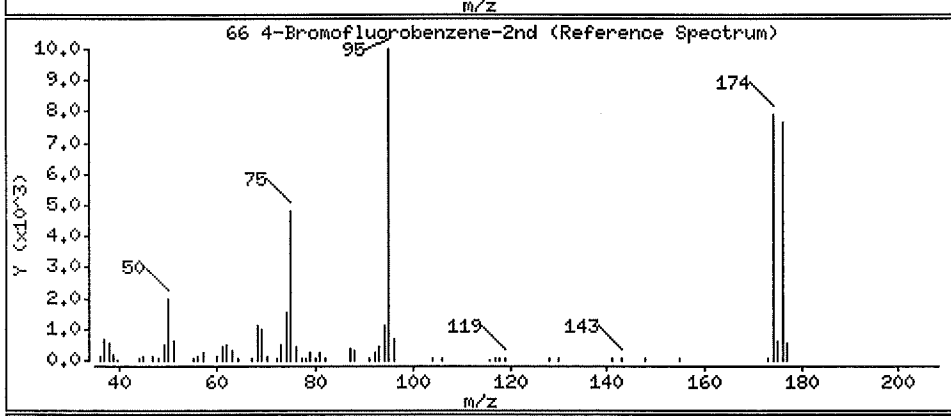
Column diameter: 0.53

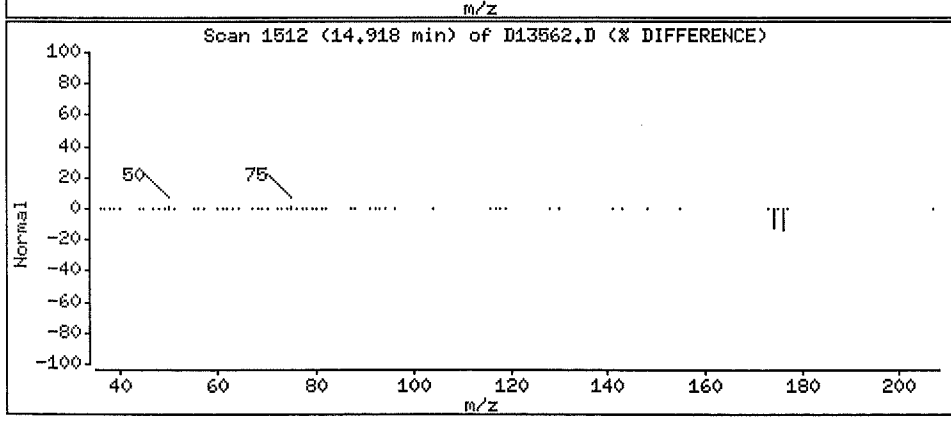
66 4-Bromofluorobenzene-2nd

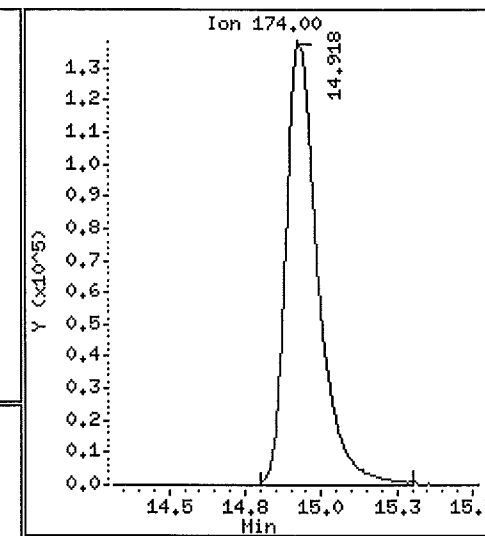
Concentration: 45.60 ug/Kg

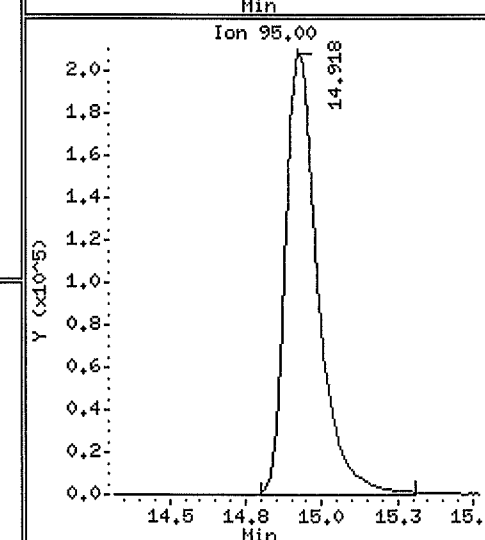


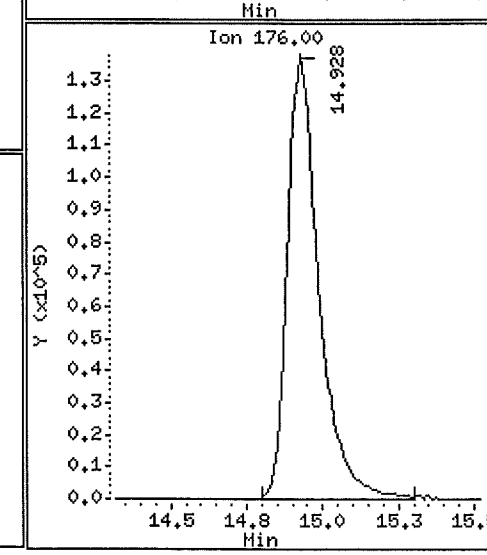












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13562.D

Date : 30-OCT-2000 03:49

Client ID: D13562

Instrument: md.i

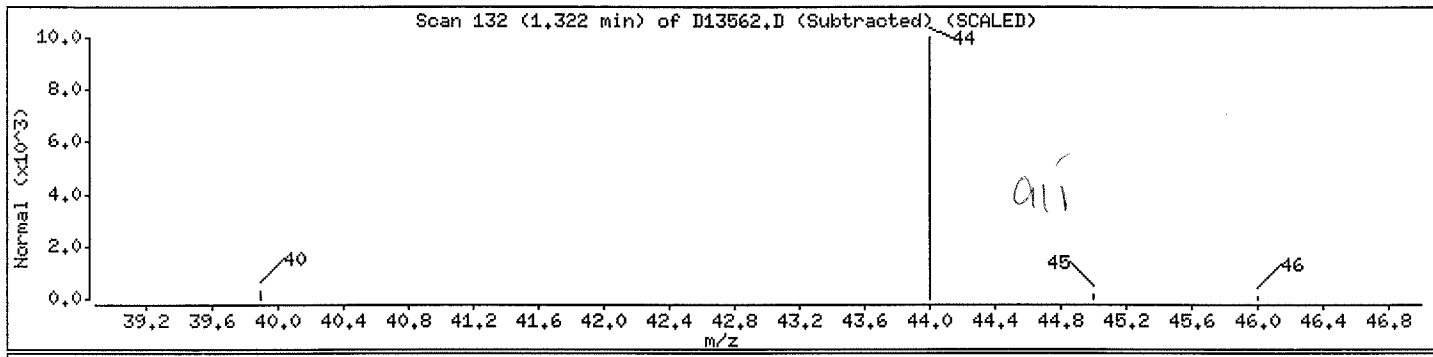
Sample Info: DNCHL1AE,,2,,0,1,0,8260BDA.M,D13562

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13562.D

Date : 30-OCT-2000 03:49

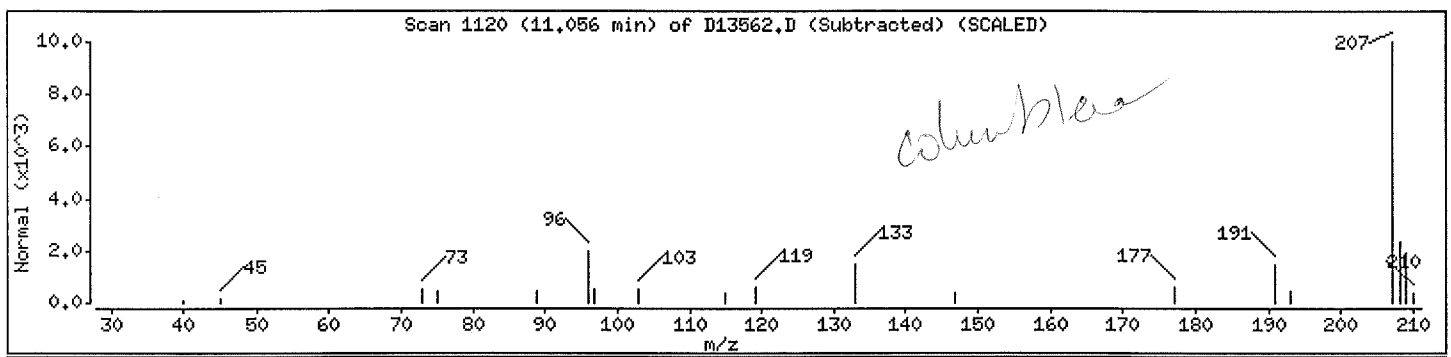
Client ID: D13562 Instrument: md.i

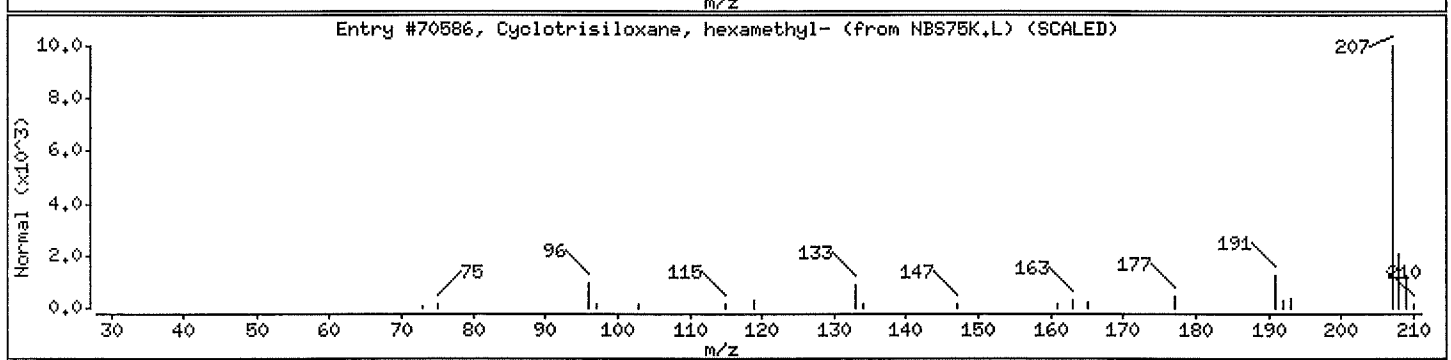
Sample Info: DNCHL1AE,,2,,0,1,0,8260BDA.M,D13562

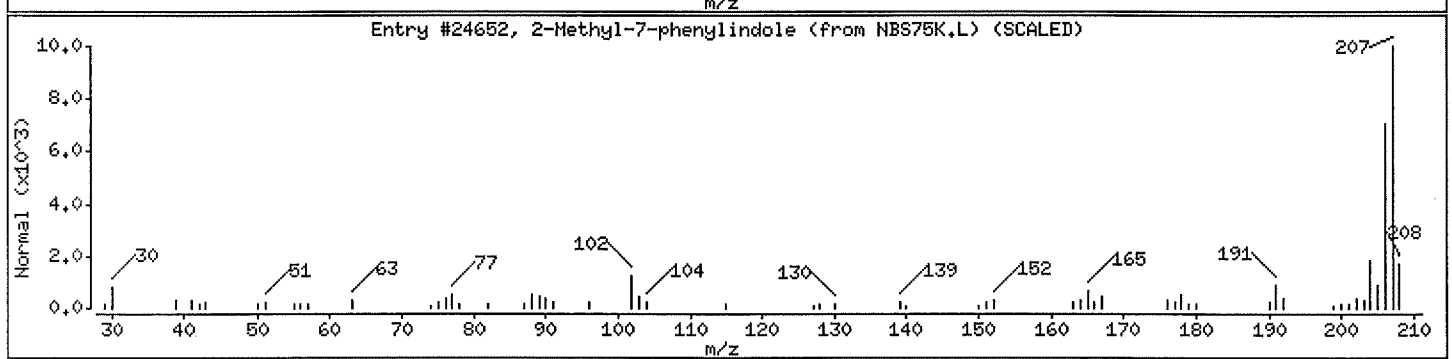
Operator: AD

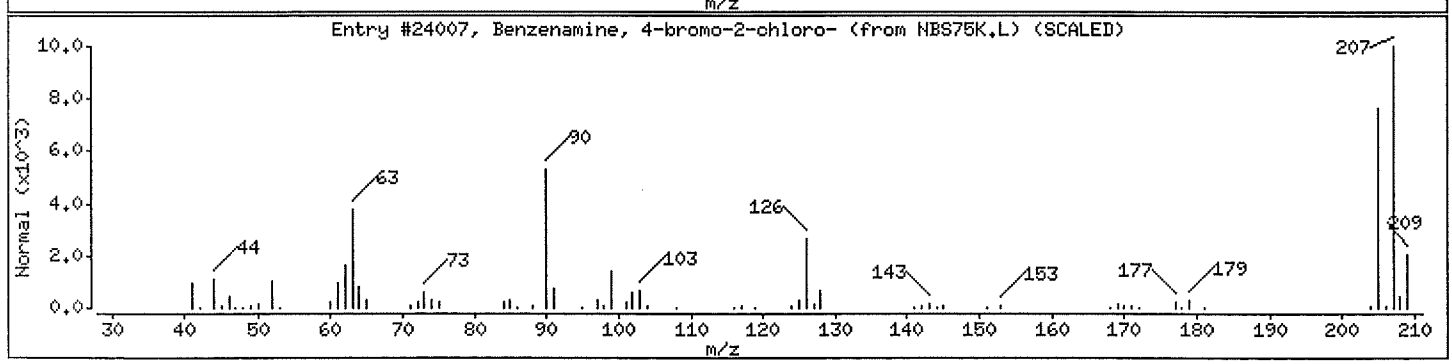
Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotrisiloxane, hexamethyl-	541-05-9	NBS75K.L	70586	78	C6H18O3Si3	222
2-Methyl-7-phenylindole	0-00-0	NBS75K.L	24652	50	C15H13N	207
Benzenamine, 4-bromo-2-chloro-	38762-41-3	NBS75K.L	24007	37	C6H5BrClN	205









Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13562.D

Date : 30-OCT-2000 03:49

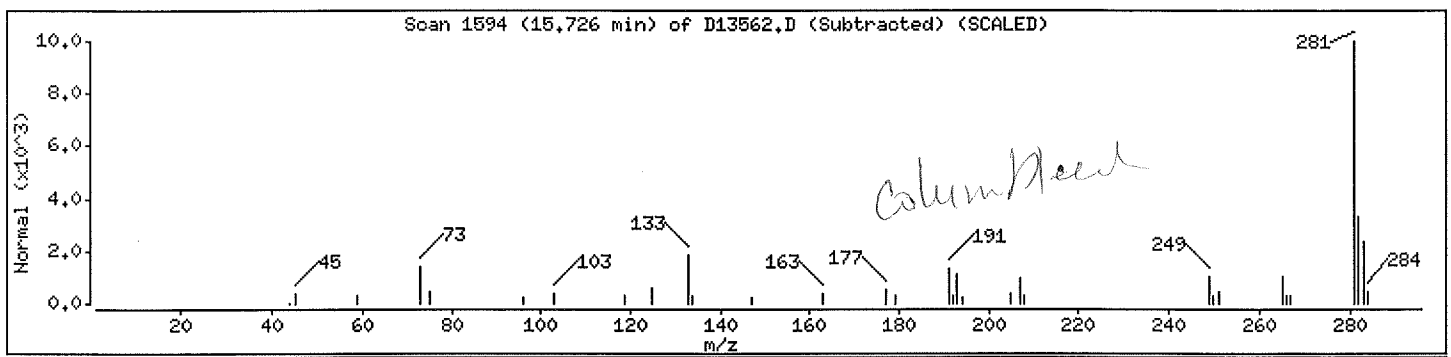
Client ID: D13562 Instrument: md.i

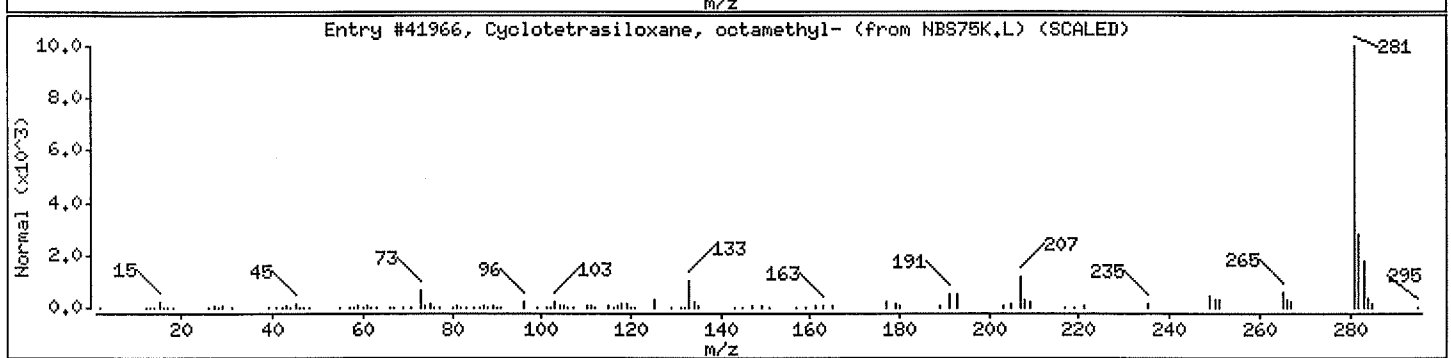
Sample Info: DNCHL1AE,,2,,0,1,0,8260BDA.M,D13562

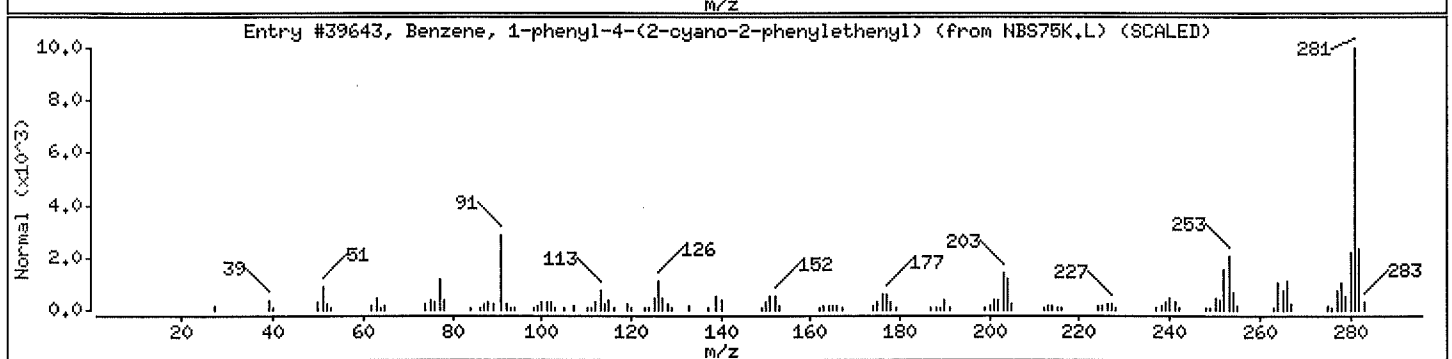
Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NBS75K.L	41966	64	C8H24O4Si4	296
Benzene, 1-phenyl-4-(2-cyano-2-phenyleth	27869-56-3	NBS75K.L	39643	47	C21H15N	281







STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13563.D
Lab Smp Id: DNCHP1AE Client Smp ID: D13563
Inj Date : 30-OCT-2000 04:20
Operator : AD Inst ID: md.i
Smp Info : DNCHP1AE,,2,,0,1,0,8260BDA.M,D13563
Misc Info : E0J180165-21,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.883	2.867	(0.406)	40790	14.7546	14.75(Q)
$ 29 Dibromofluoromethane	111	5.996	5.971	(0.845)	1197941	47.5172	47.52
$ 33 1,2-Dichloroethane-d4	65	6.528	6.493	(0.920)	752603	40.9456	40.94
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.503	(0.920)	186283	46.8627	46.86
36 1,2-Dichloroethane	62	7.100	6.631	(1.000)	34158	1.67333	1.67(aQ)
* 38 Fluorobenzene	96	7.100	7.074	(1.000)	2132403	50.0000	
$ 47 Toluene-d8	98	9.908	9.902	(0.786)	1974637	47.2911	47.29
* 56 Chlorobenzene-d5	117	12.597	12.582	(1.000)	1766208	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.922	14.917	(0.866)	937847	44.9083	44.91
$ 67 4-Bromofluorobenzene	95	14.922	14.936	(0.866)	1436500	41.4825	41.48
* 79 1,4-Dichlorobenzene-d4	152	17.238	17.232	(1.000)	1108589	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13563.D
Lab Smp Id: DNCHP1AE Client Smp ID: D13563
Inj Date : 30-OCT-2000 04:20
Operator : AD Inst ID: md.i
Smp Info : DNCHP1AE,,2,,0,1,0,8260BDA.M,D13563
Misc Info : E0J180165-21,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.100	4923576	50.000
* 79 1,4-Dichlorobenzene-d4	17.238	6992645	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	1101773	11.1887433	11.19	0		0	38
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
15.740	852197	6.09352462	6.09	78	NBS75K.L	41966	79

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCHP1AE
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13563
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.326	11.19	J
2. 556-67-2	Cyclotetrasiloxane, octamet	15.740	6.09	NJ

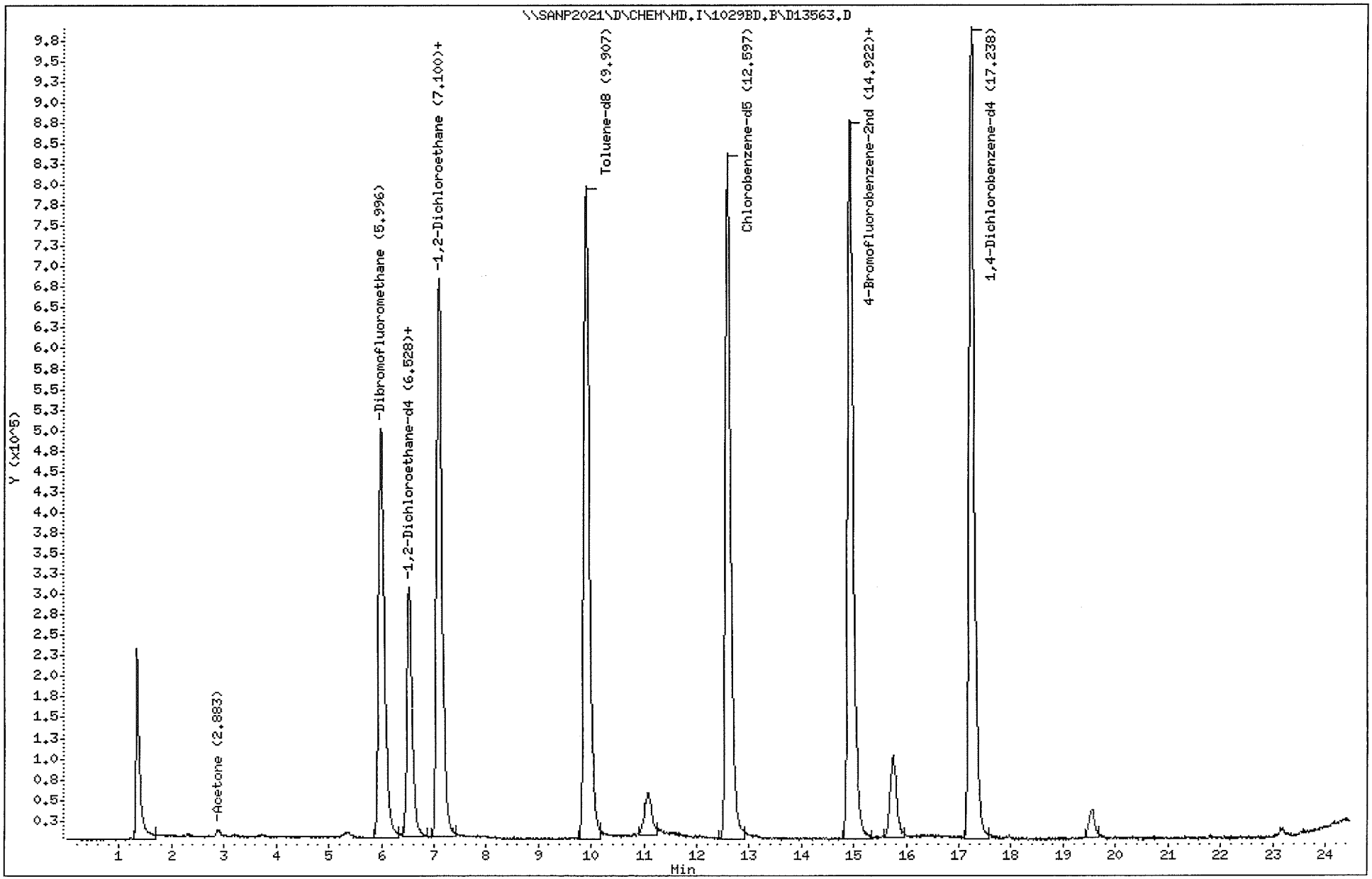
Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13563.D
Date : 30-OCT-2000 04:20
Client ID: D13563
Sample Info: DNCHP1AE,,2,,0,1,0,8260BDA.M,D13563

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000687

BOE-C6-0175718

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13563.D

Date : 30-OCT-2000 04:20

Client ID: D13563

Instrument: md.i

Sample Info: DNCHP1AE,,2,,0,1,0,8260BDA,M,D13563

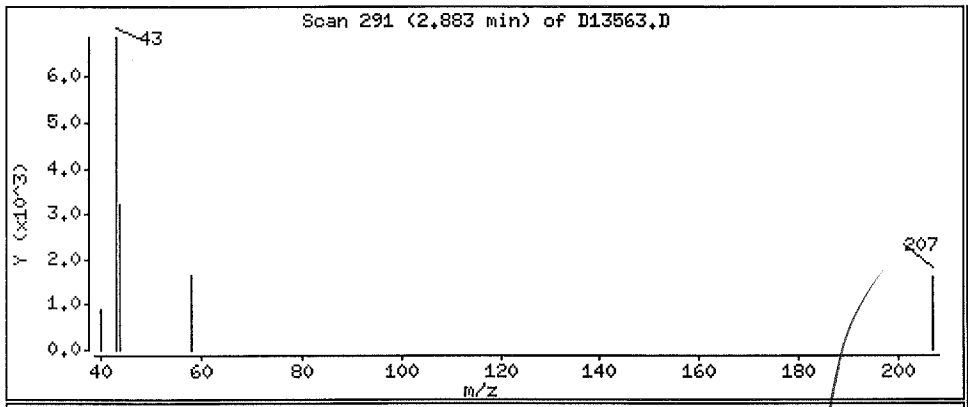
Operator: AD

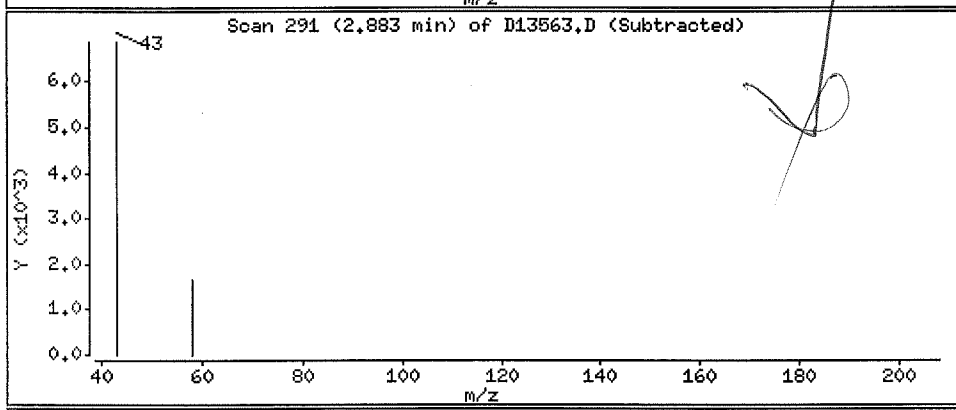
Column phase: J&W DB-624

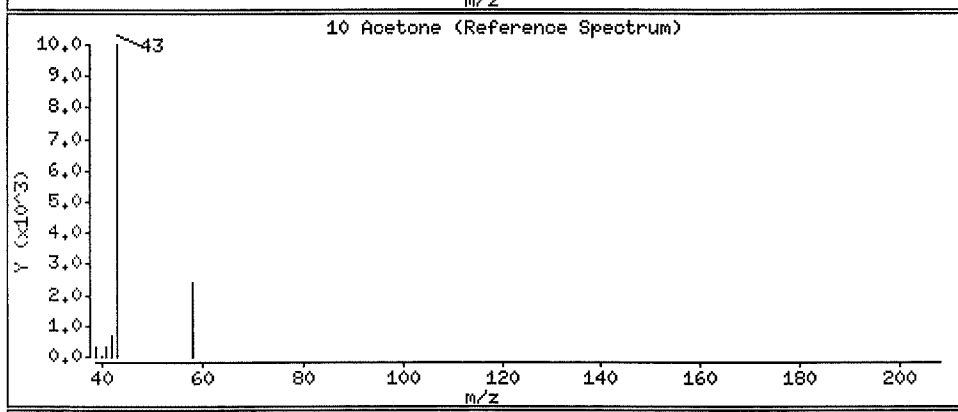
Column diameter: 0.53

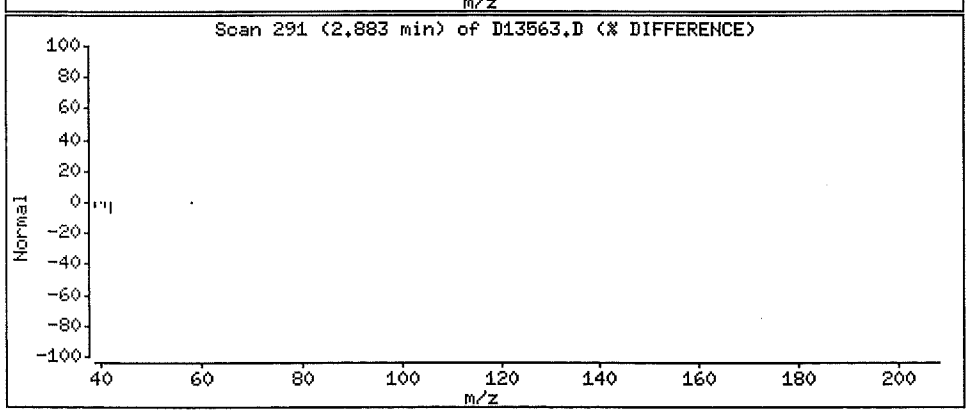
10 Acetone

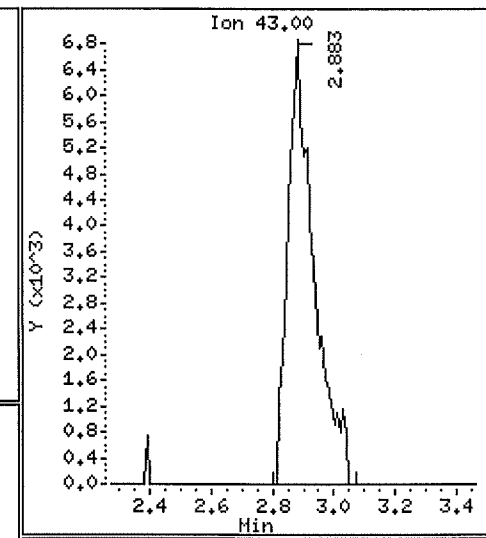
Concentration: 14.75 ug/Kg

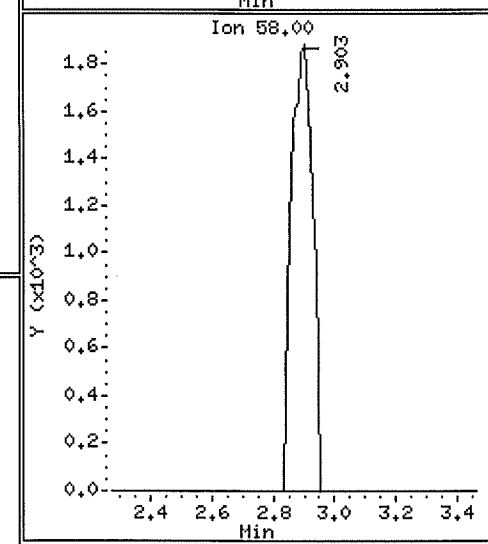












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13563.D

Date : 30-OCT-2000 04:20

Client ID: D13563

Instrument: md.i

Sample Info: DNCHP1AE,,2,,0,1,0,8260BDA.M,D13563

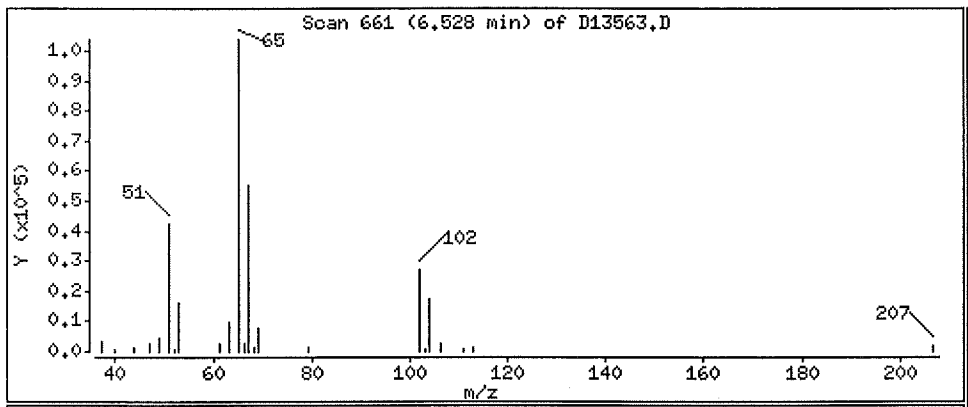
Operator: AD

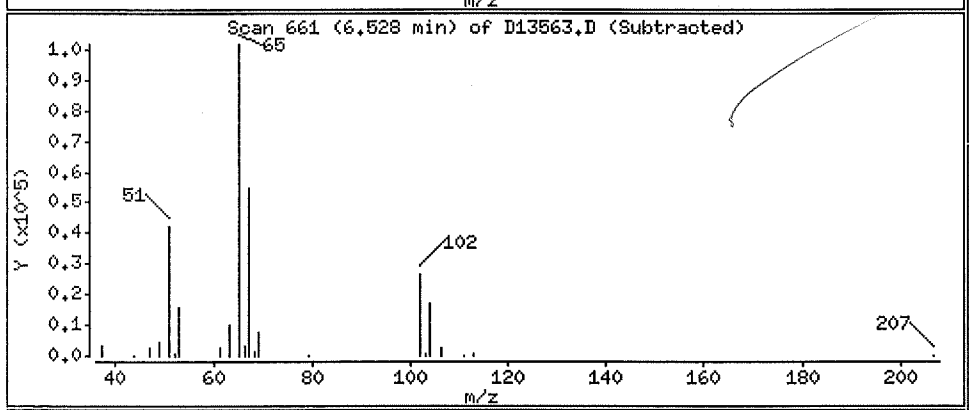
Column phase: J&W DB-624

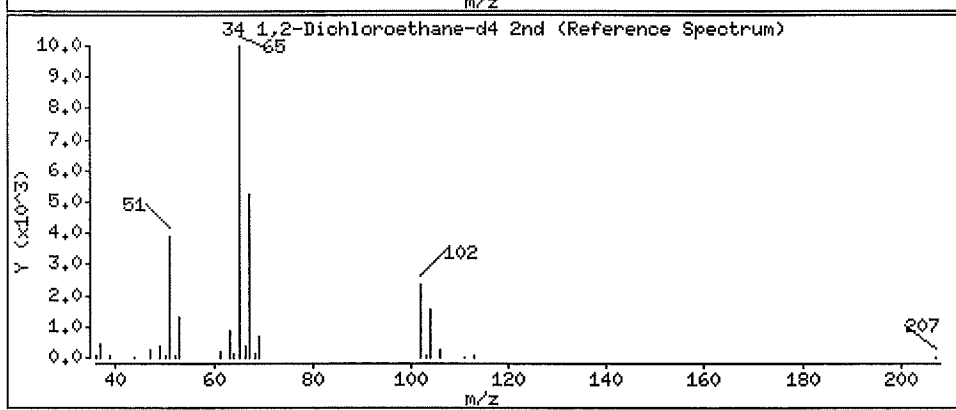
Column diameter: 0.53

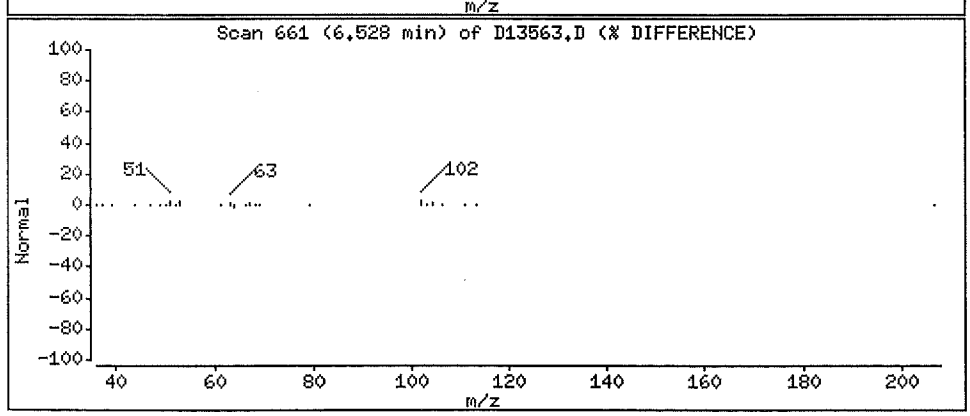
34 1,2-Dichloroethane-d4 2nd

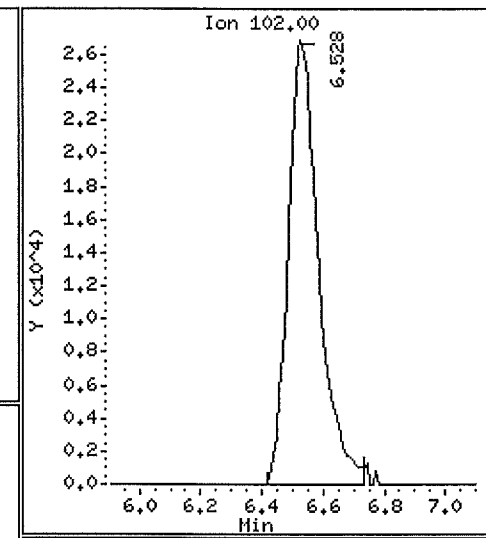
Concentration: 46.86 ug/Kg

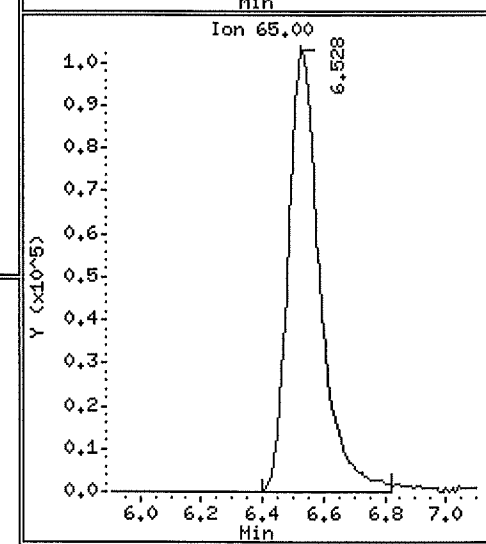












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13563.D

Date : 30-OCT-2000 04:20

Client ID: D13563

Instrument: md.i

Sample Info: DNCHP1AE,,2,,0,1,0,8260BDA.M,D13563

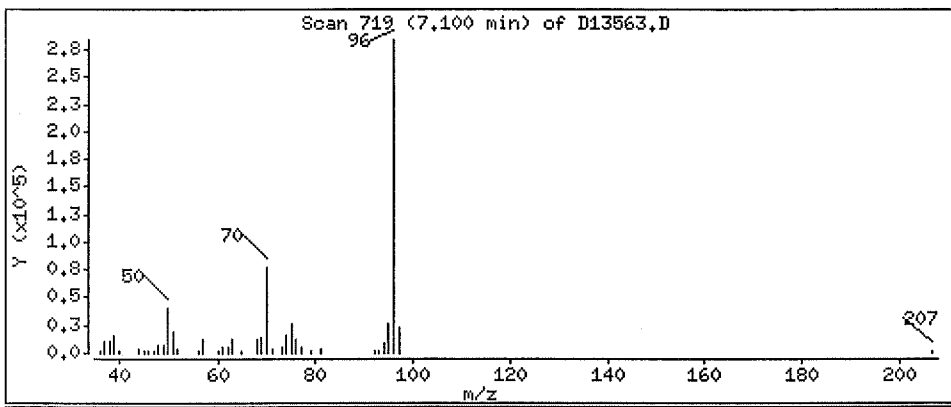
Operator: AD

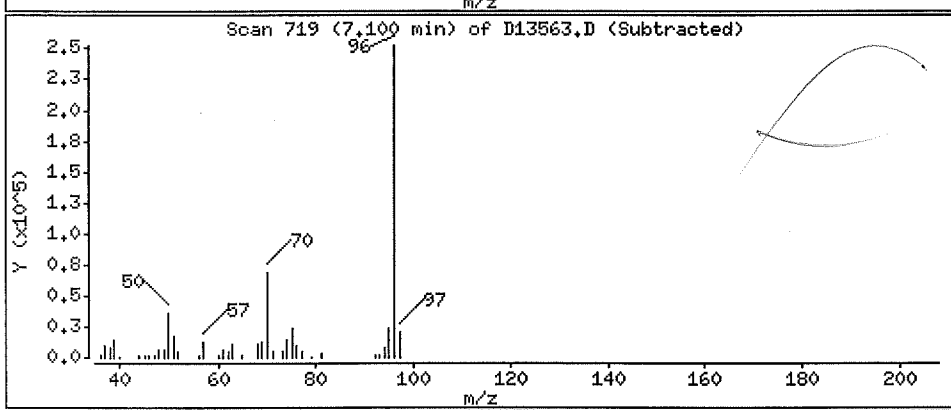
Column phase: J&W DB-624

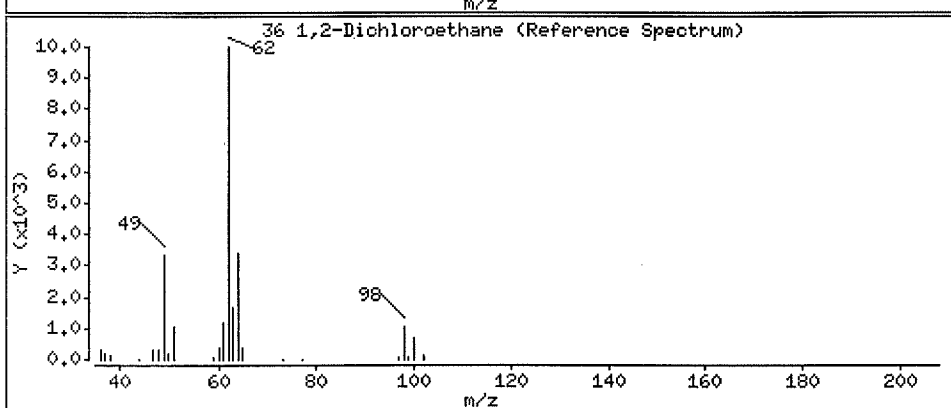
Column diameter: 0.53

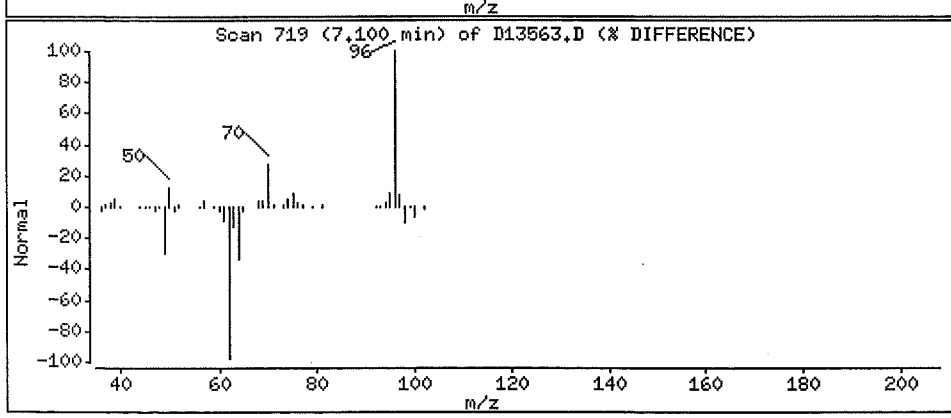
36 1,2-Dichloroethane

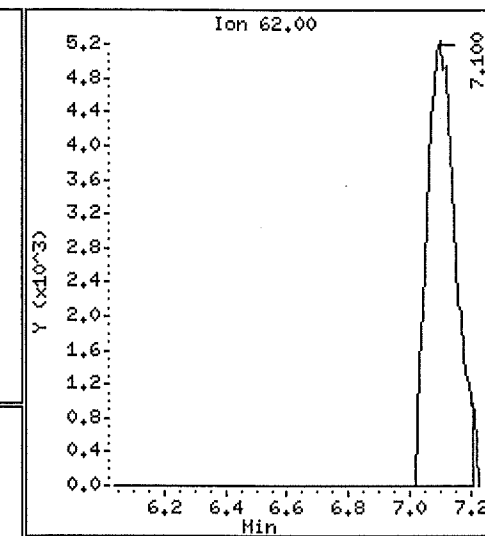
Concentration: 1.67 ug/Kg

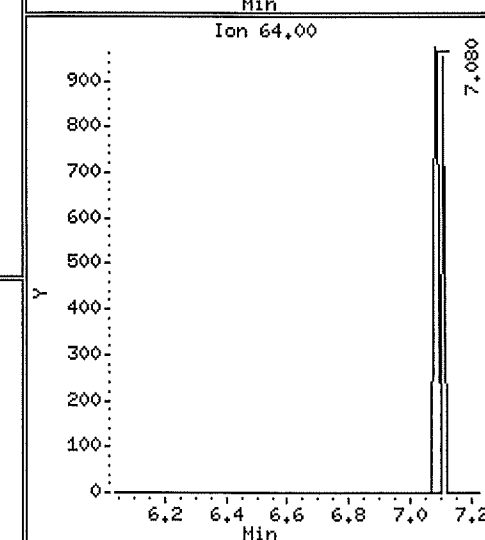


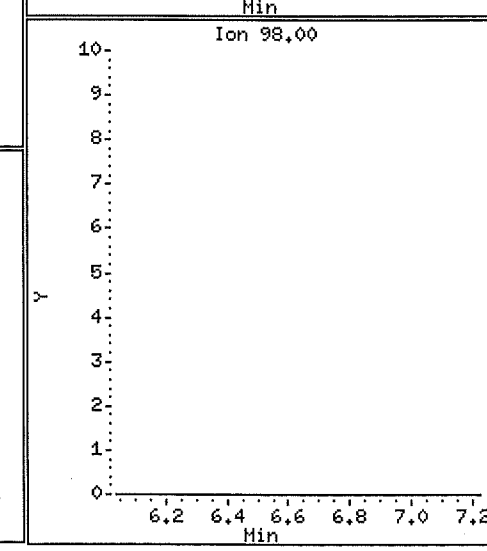












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13563.D

Date : 30-OCT-2000 04:20

Client ID: D13563

Instrument: md.i

Sample Info: DNCHP1AE,,2,,0,1,0,8260BDA.M,D13563

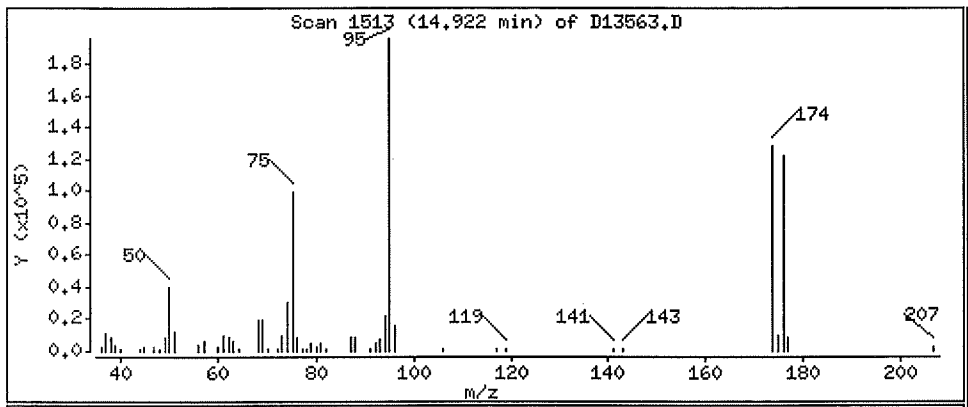
Operator: AD

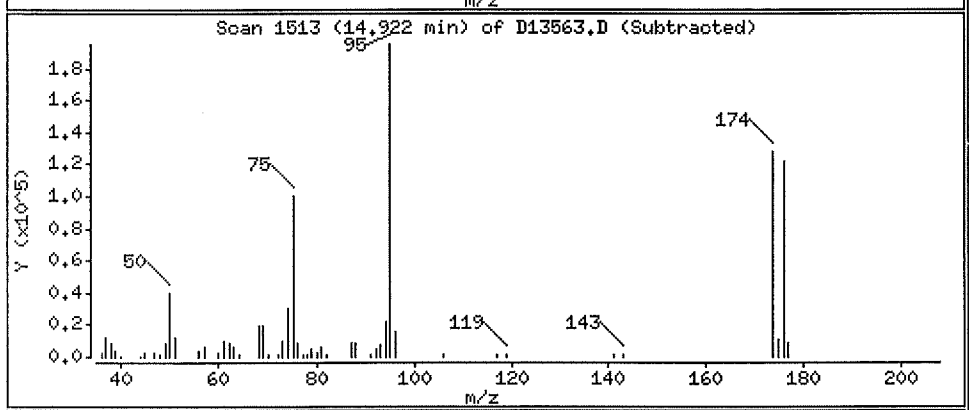
Column phase: J&W DB-624

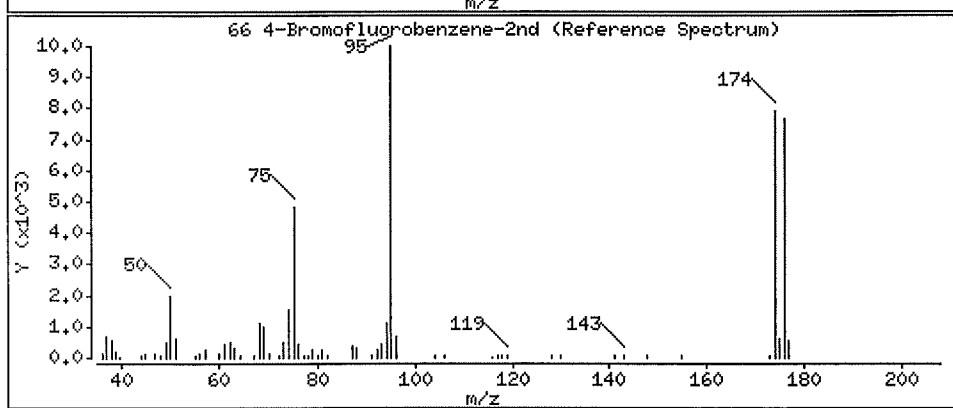
Column diameter: 0.53

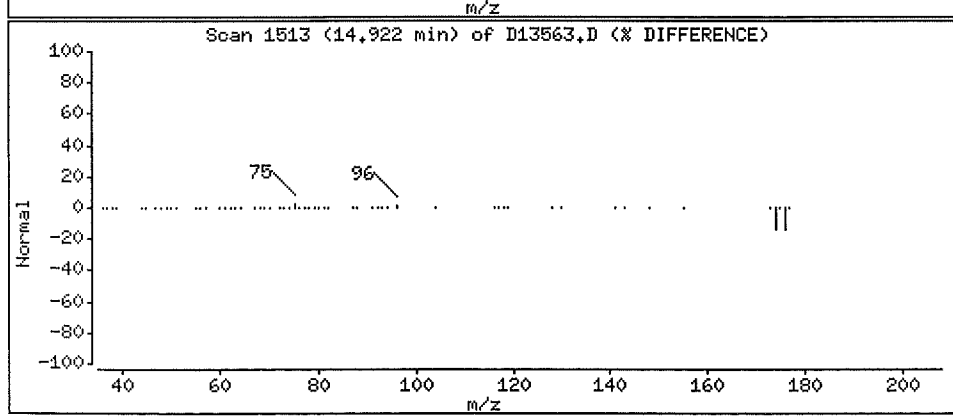
66 4-Bromofluorobenzene-2nd

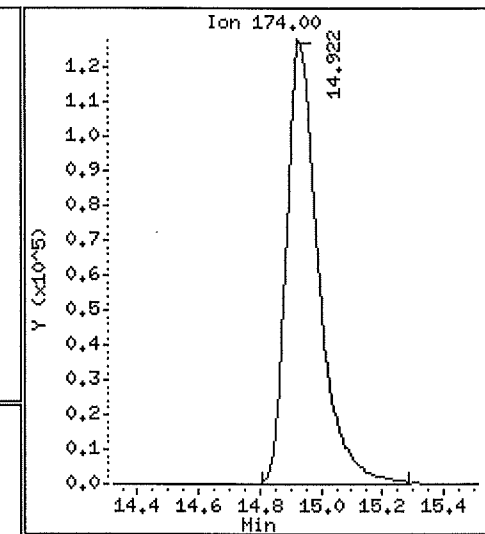
Concentration: 44.91 ug/Kg

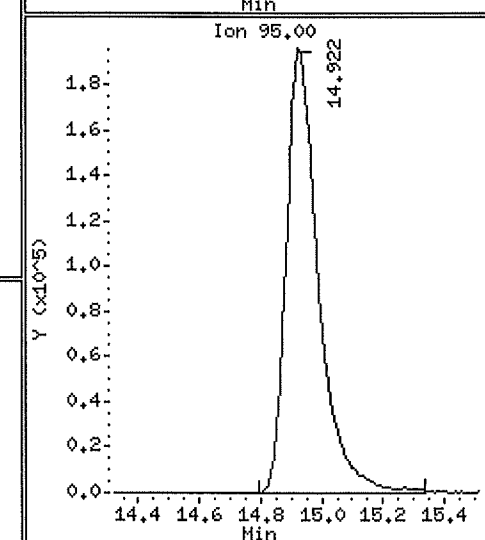


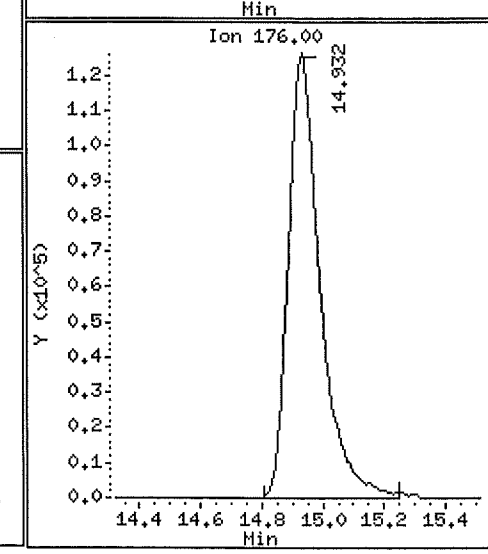












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13563.D

Date : 30-OCT-2000 04:20

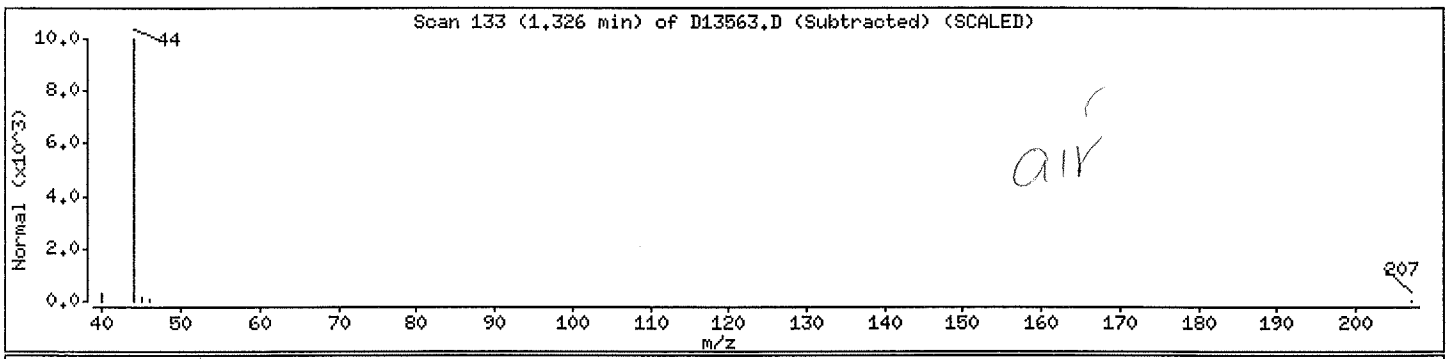
Client ID: D13563 Instrument: md.i

Sample Info: DNCHP1AE,,2,,0,1,0,8260BDA.M,D13563

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13563.D

Date : 30-OCT-2000 04:20

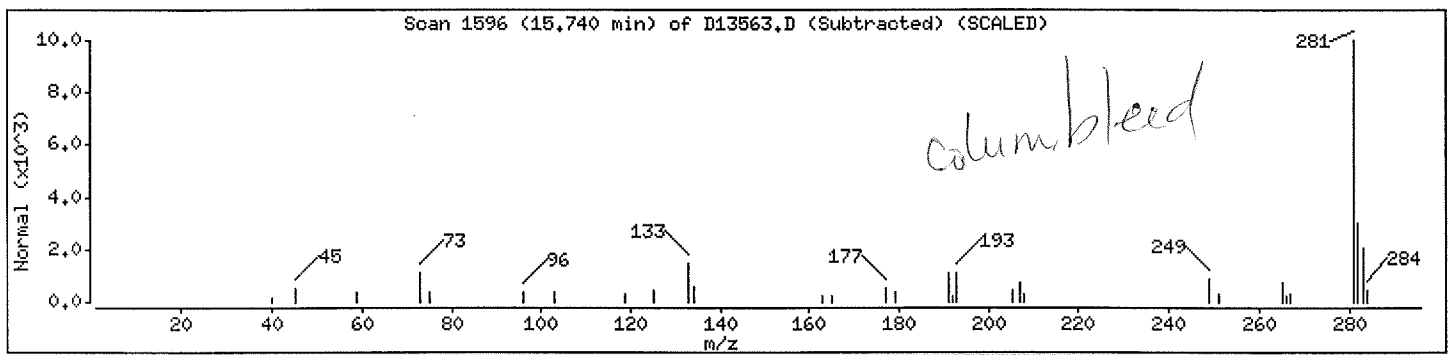
Client ID: D13563 Instrument: md.i

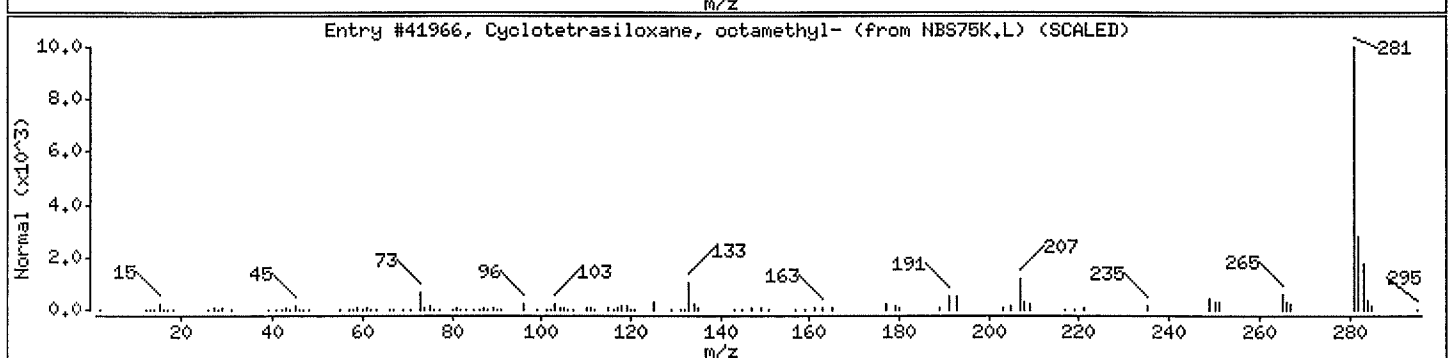
Sample Info: DNCHP1AE,,2,,0,1,0,8260BDA.M,D13563

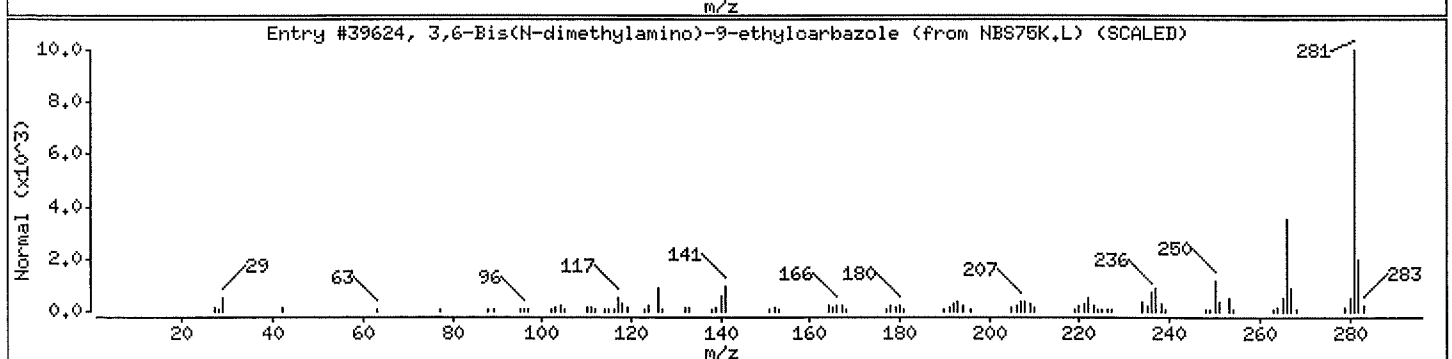
Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NBS75K.L	41966	78	C8H24O4Si4	296
3,6-Bis(N-dimethylamino)-9-ethylcarbazol	57103-04-5	NBS75K.L	39624	25	C18H23N3	281







STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13564.D
Lab Smp Id: DNCJF1AF Client Smp ID: D13564
Inj Date : 30-OCT-2000 04:52
Operator : AD Inst ID: md.i
Smp Info : DNCJF1AF,,2,,0,1,0,8260BDA.M,D13564
Misc Info : E0J180165-22,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.966	5.971	(0.843)	1202285	48.7086	48.71
$ 33 1,2-Dichloroethane-d4	65	6.498	6.493	(0.918)	755113	41.9600	41.96
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.503	(0.921)	183264	47.0885	47.09
36 1,2-Dichloroethane	62	7.090	6.631	(1.001)	31803	1.59125	1.59(aQ)
* 38 Fluorobenzene	96	7.080	7.074	(1.000)	2087788	50.0000	
$ 47 Toluene-d8	98	9.898	9.902	(0.786)	1987874	48.6126	48.61
* 56 Chlorobenzene-d5	117	12.587	12.582	(1.000)	1729713	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.922	14.917	(0.866)	915785	47.3271	47.33
$ 67 4-Bromofluorobenzene	95	14.922	14.936	(0.866)	1398154	43.5750	43.57
* 79 1,4-Dichlorobenzene-d4	152	17.228	17.232	(1.000)	1027183	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13564.D
Lab Smp Id: DNCJF1AF Client Smp ID: D13564
Inj Date : 30-OCT-2000 04:52
Operator : AD Inst ID: md.i
Smp Info : DNCJF1AF,,2,,0,1,0,8260BDA.M,D13564
Misc Info : E0J180165-22,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.080	4797818	50.000
* 56 Chlorobenzene-d5	12.587	5683570	50.000
* 79 1,4-Dichlorobenzene-d4	17.228	6499259	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
1.326	1638870	17.0793188	17.08	0		0	38

RT	AREA	CONCENTRATIONS ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Cyclotrisiloxane, hexamethyl-					CAS #: 541-05-9		
11.060	714745	6.28782099	6.29	83	NBS75K.L	70586	56
Cyclotetrasiloxane, octamethyl-					CAS #: 556-67-2		
15.740	894175	6.87905024	6.88	78	NBS75K.L	41966	79

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCJF1AF
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13564
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.326	17.08	J
2. 541-05-9	Cyclotrisiloxane, hexamethy	11.060	6.29	NJ
3. 556-67-2	Cyclotetrasiloxane, octamet	15.740	6.88	NJ

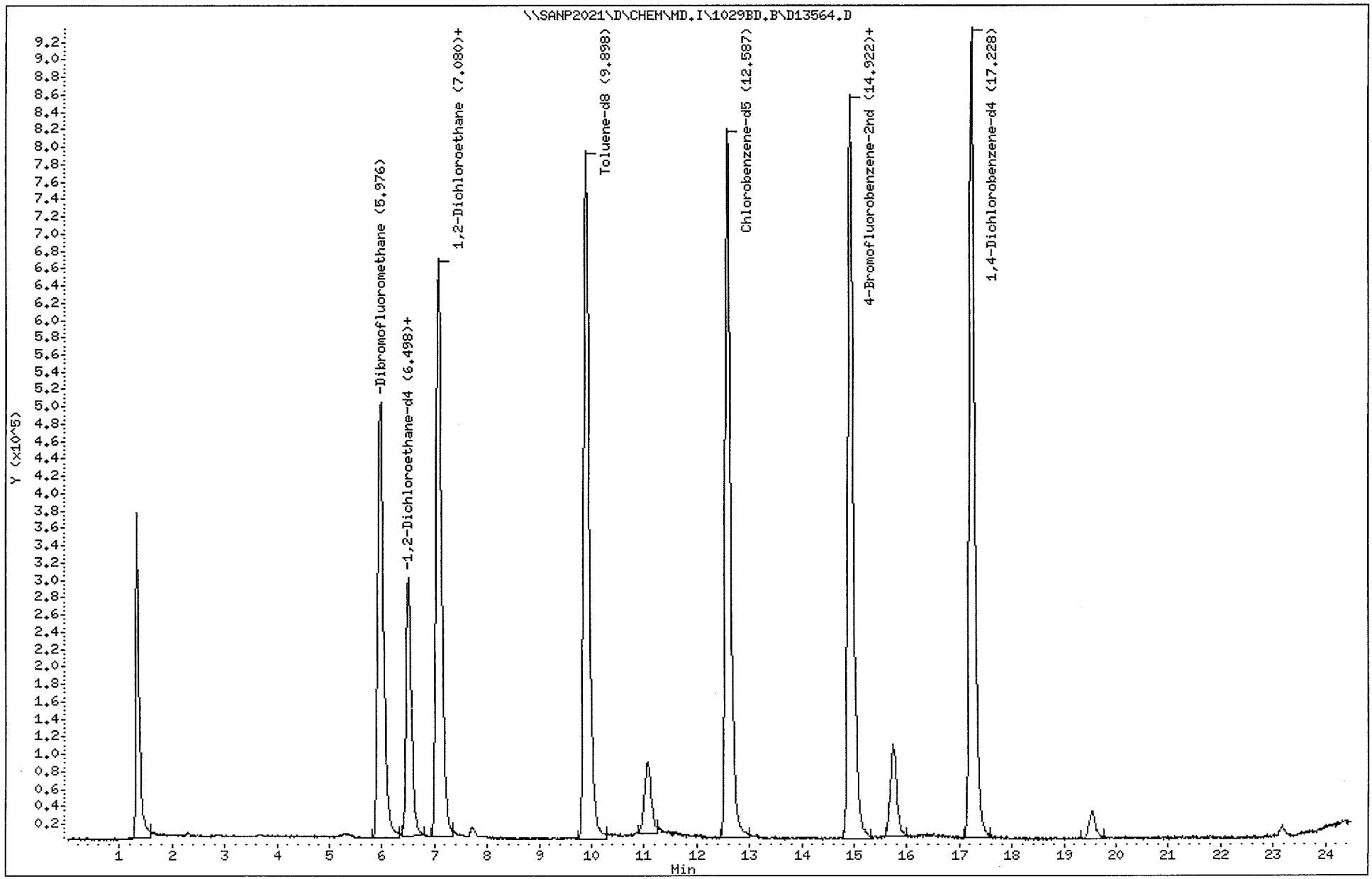
Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13564.D
Date : 30-OCT-2000 04:52
Client ID: D13564
Sample Info: DNCJF1AF,,2,,0,1,0,8260BDA.M,D13564

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0175730

000699

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13564.D

Date : 30-OCT-2000 04:52

Client ID: D13564

Instrument: md.i

Sample Info: DNCJF1AF,,2,,0,1,0,8260BDA.M,D13564

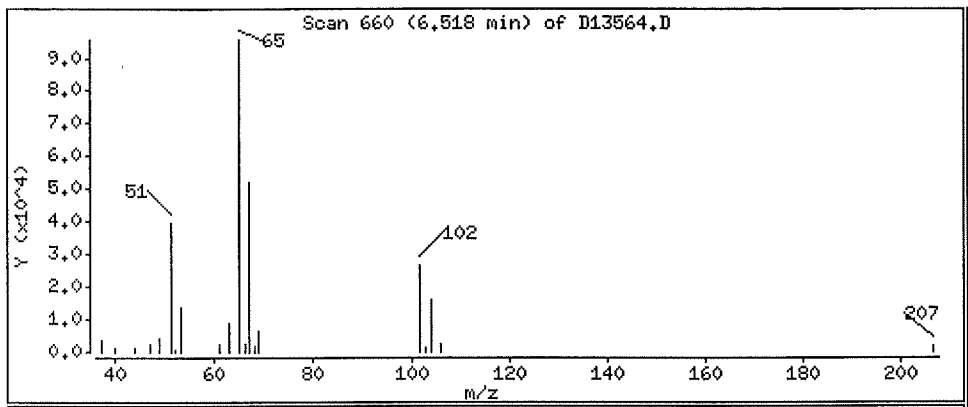
Operator: AD

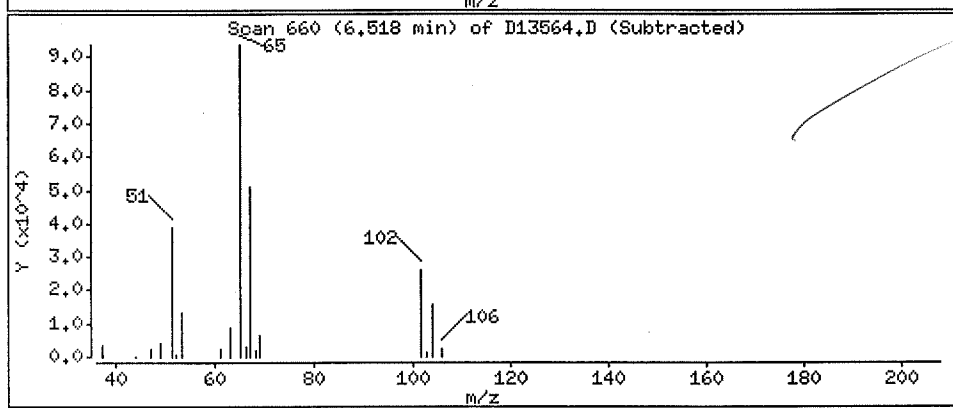
Column phase: J&W DB-624

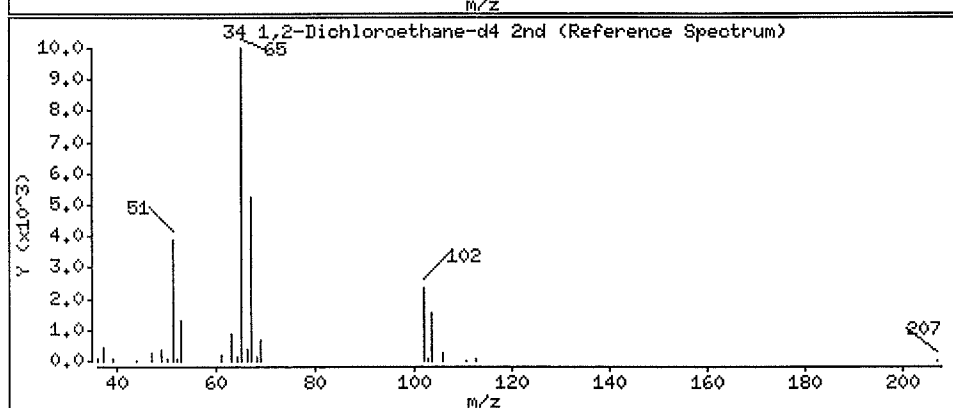
Column diameter: 0.53

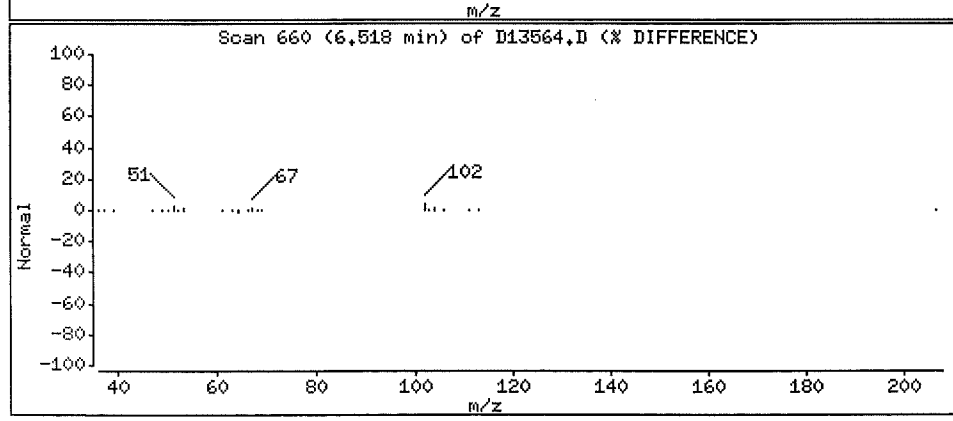
34 1,2-Dichloroethane-d4 2nd

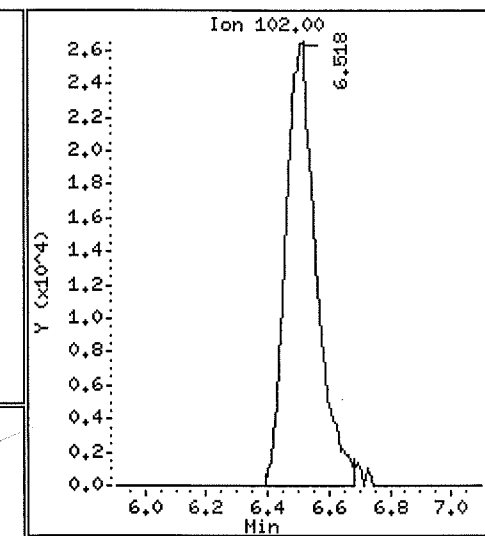
Concentration: 47.09 ug/Kg

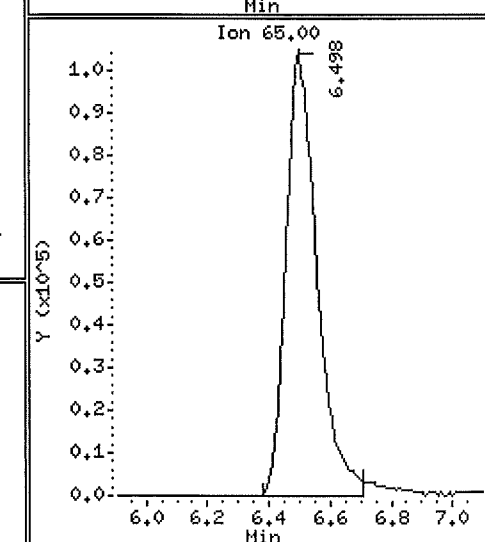












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13564.D

Date : 30-OCT-2000 04:52

Client ID: D13564

Instrument: md.i

Sample Info: DNCJF1AF,,2,,0,1,0,8260BDA.M,D13564

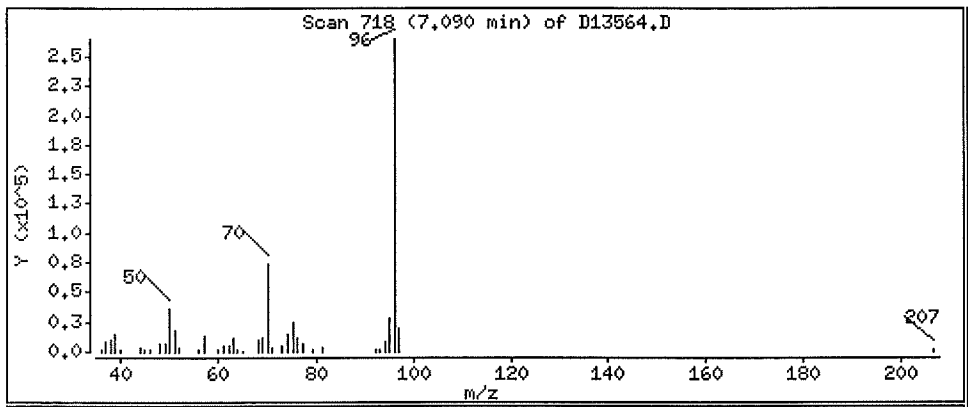
Operator: AD

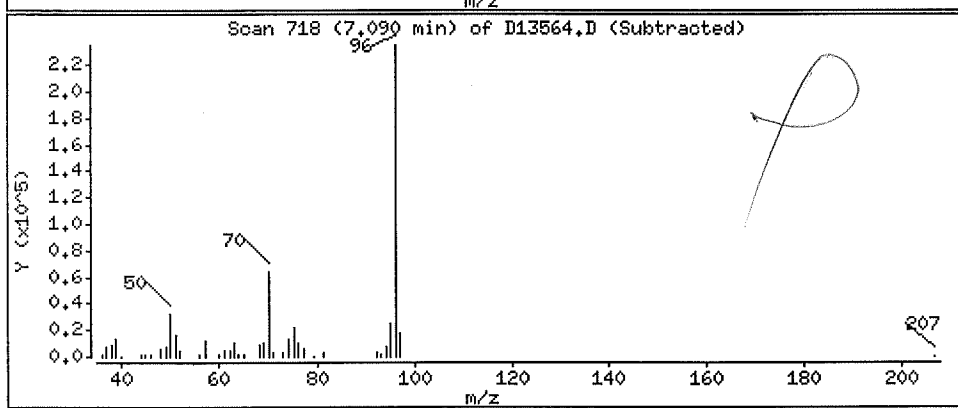
Column phase: J&W DB-624

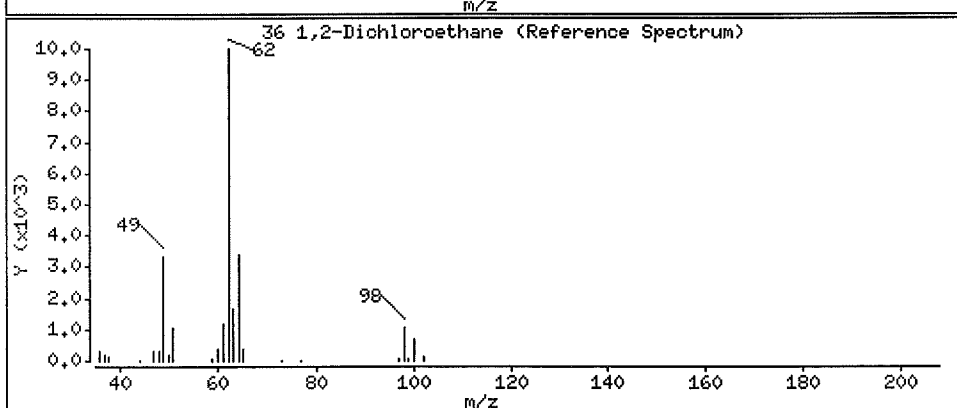
Column diameter: 0.53

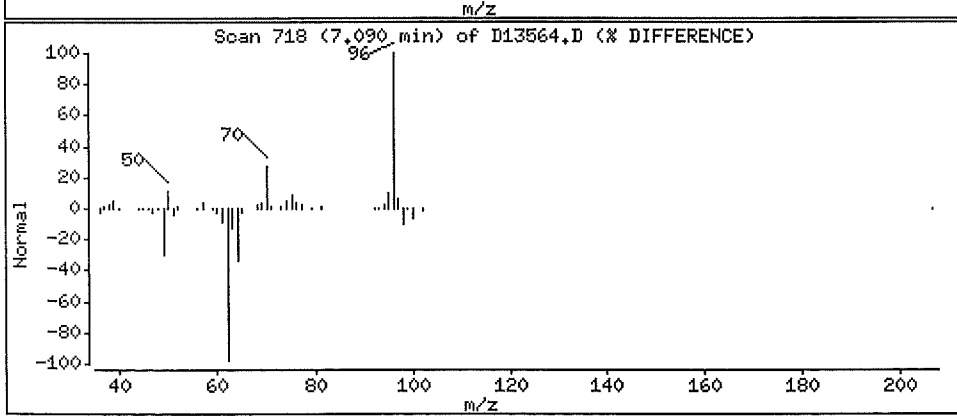
36 1,2-Dichloroethane

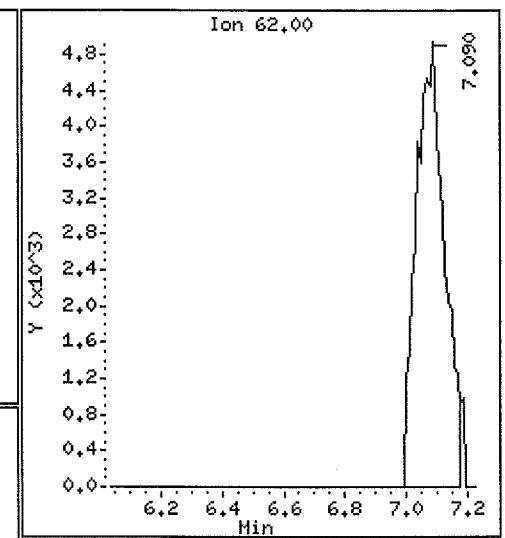
Concentration: 1.59 ug/Kg

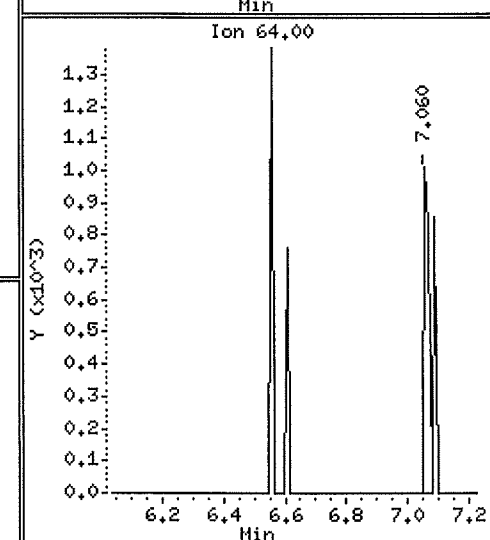


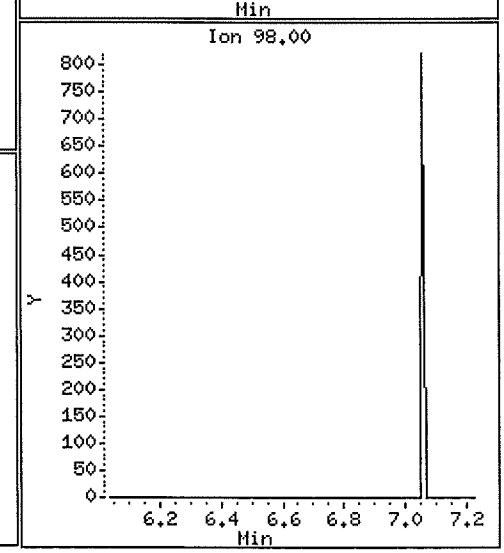












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13564.D

Date : 30-OCT-2000 04:52

Client ID: D13564

Instrument: md.i

Sample Info: DNCJF1AF,,2,,0,1,0,8260BDA.M,D13564

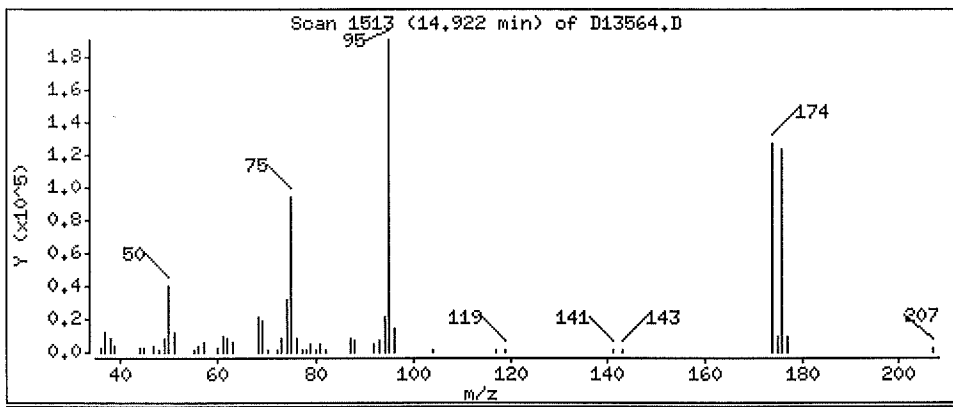
Operator: AD

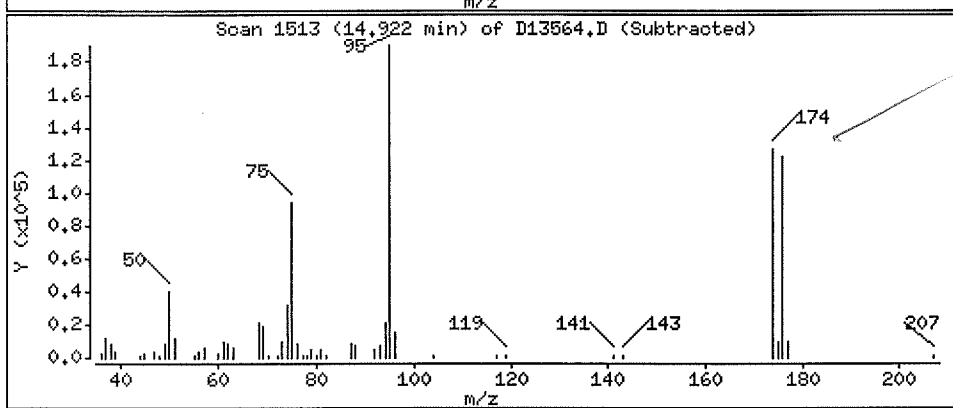
Column phase: J&W DB-624

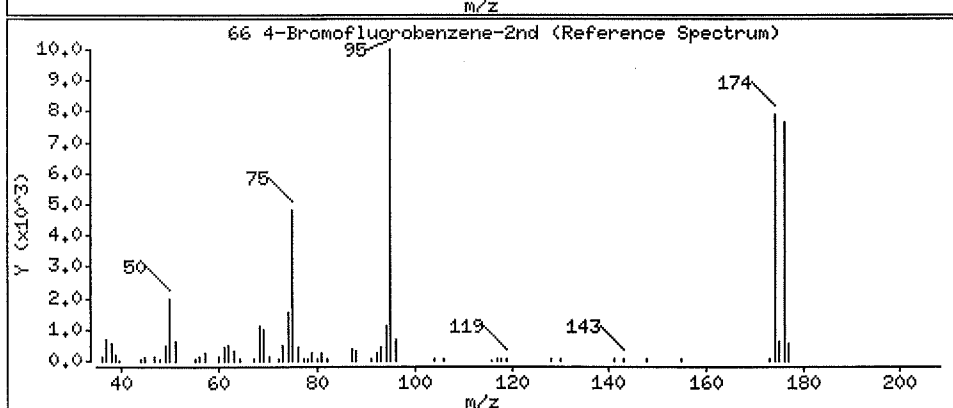
Column diameter: 0.53

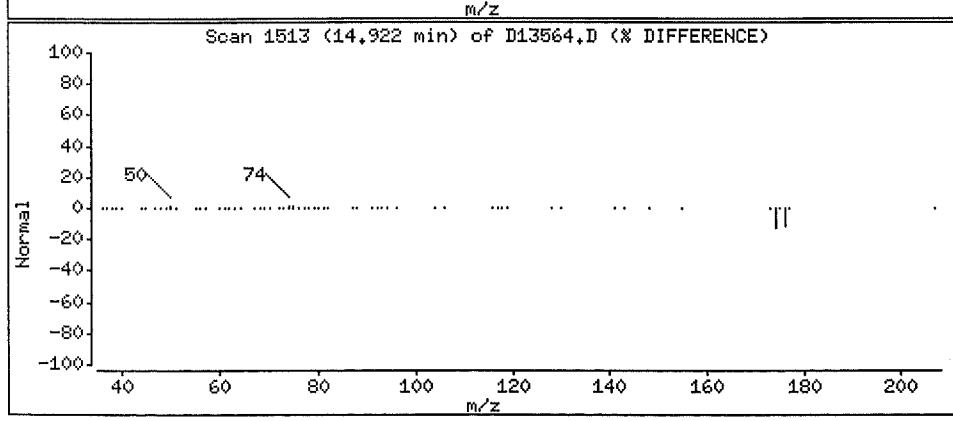
66 4-Bromofluorobenzene-2nd

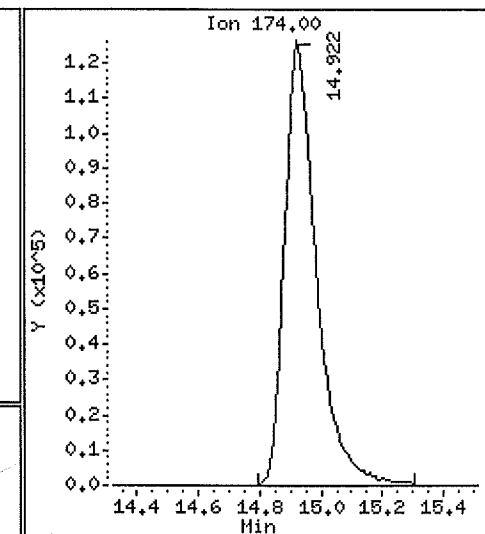
Concentration: 47.33 ug/Kg

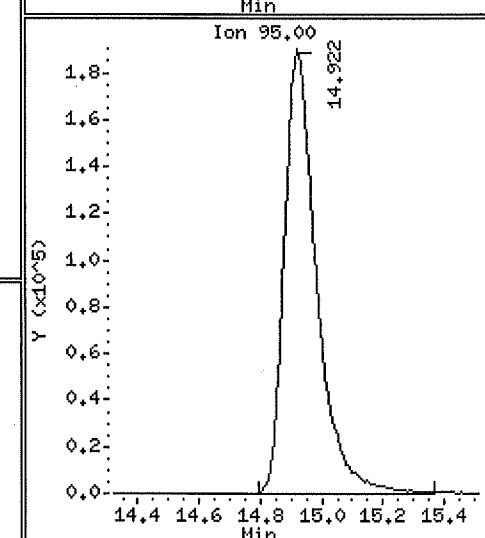


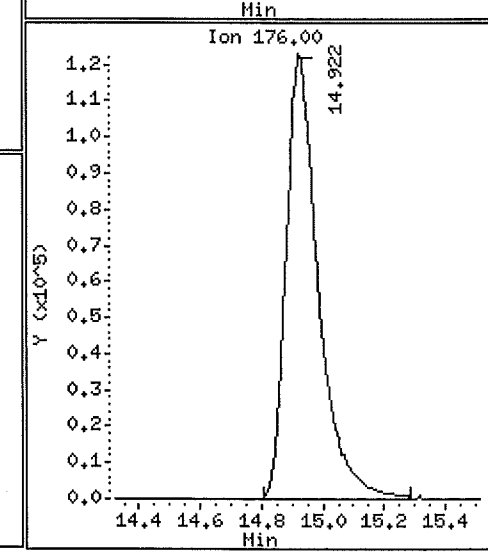












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13564.D

Date : 30-OCT-2000 04:52

Client ID: D13564

Instrument: md.i

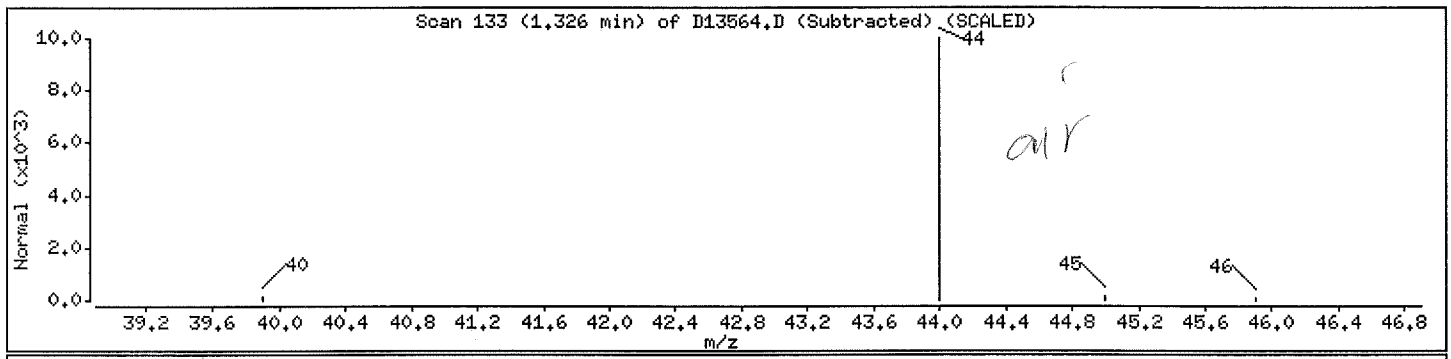
Sample Info: DNCJF1AF,,2,,0,1,0,8260BDA.M,D13564

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13564.D

Date : 30-OCT-2000 04:52

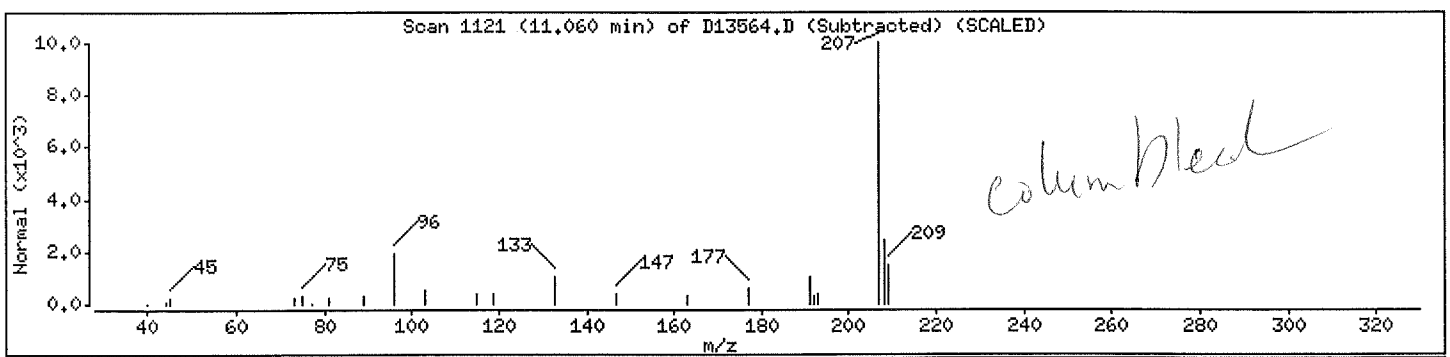
Client ID: D13564 Instrument: md.i

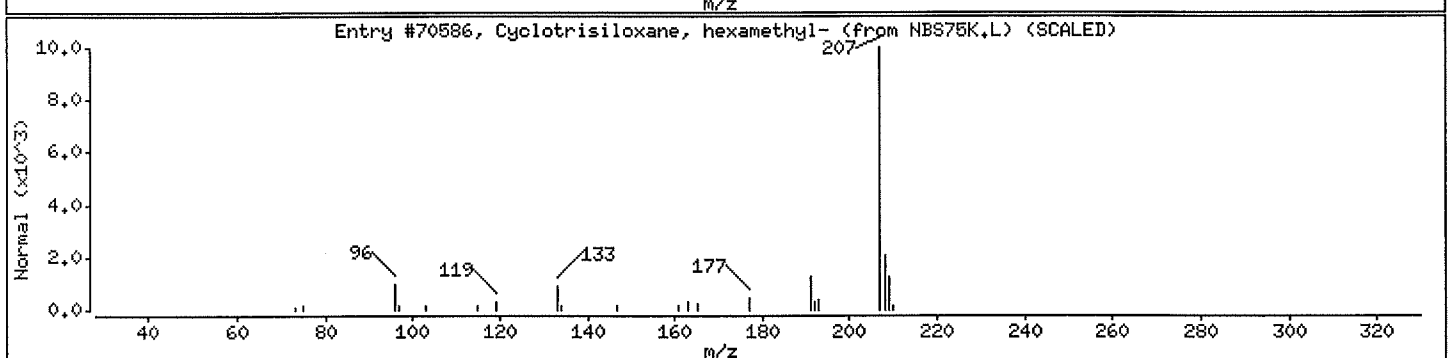
Sample Info: DNCJF1AF,,2,,0,1,0,8260BDA.M,D13564

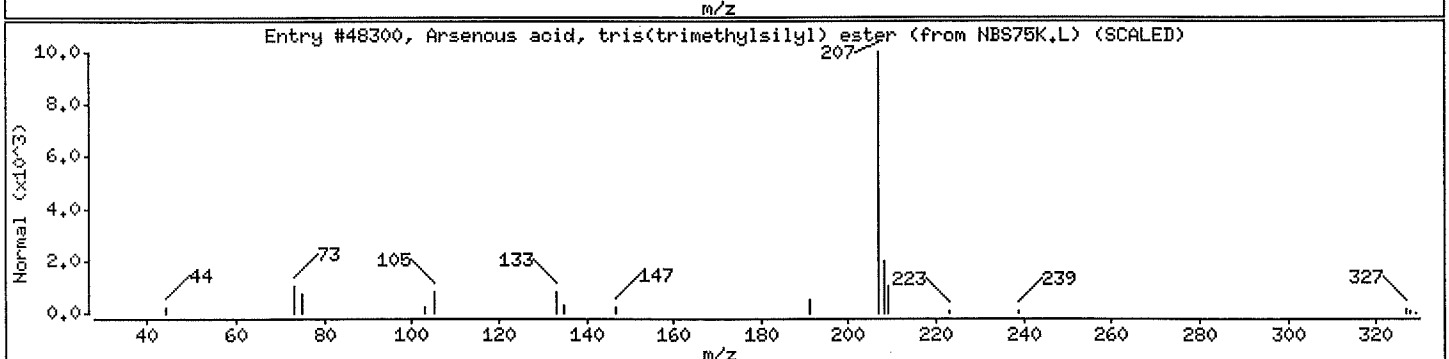
Operator: AD

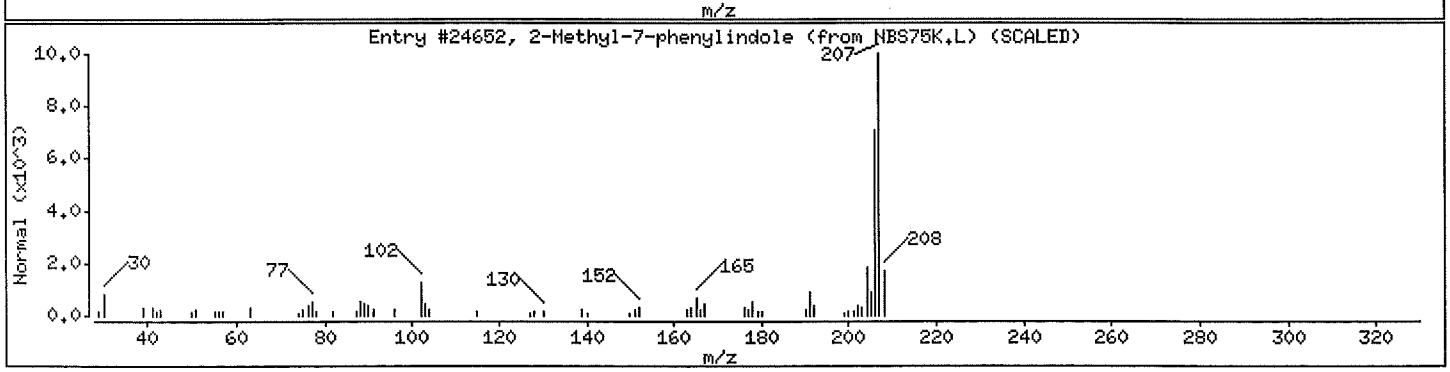
Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotrisiloxane, hexamethyl-	541-05-9	NBS75K.L	70586	83	C6H18O3Si3	222
Arsenous acid, tris(trimethylsilyl) este	55429-29-3	NBS75K.L	48300	56	C9H27AsO3Si3	342
2-Methyl-7-phenylindole	0-00-0	NBS75K.L	24652	42	C15H13N	207









Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13564.D

Date : 30-OCT-2000 04:52

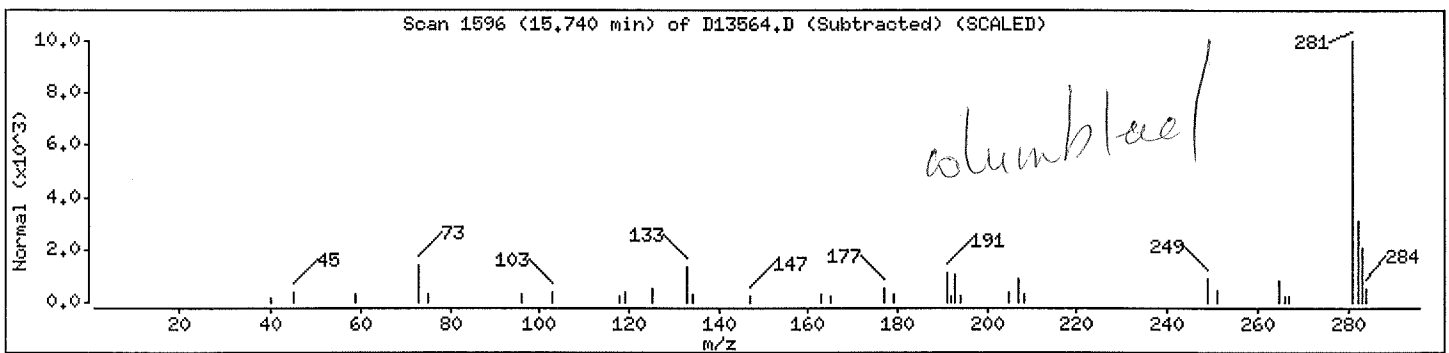
Client ID: D13564 Instrument: md.i

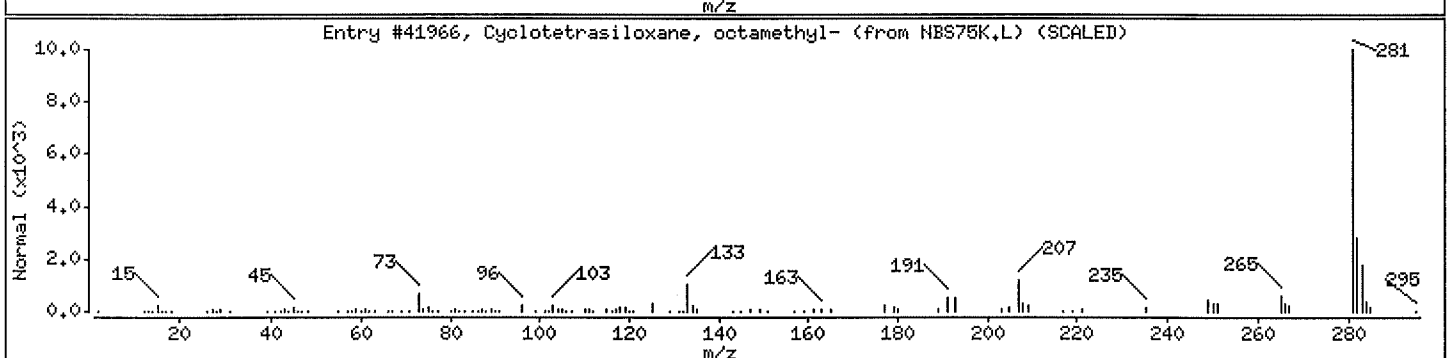
Sample Info: DNCJF1AF,,2,,0,1,0,8260BDA.M,D13564

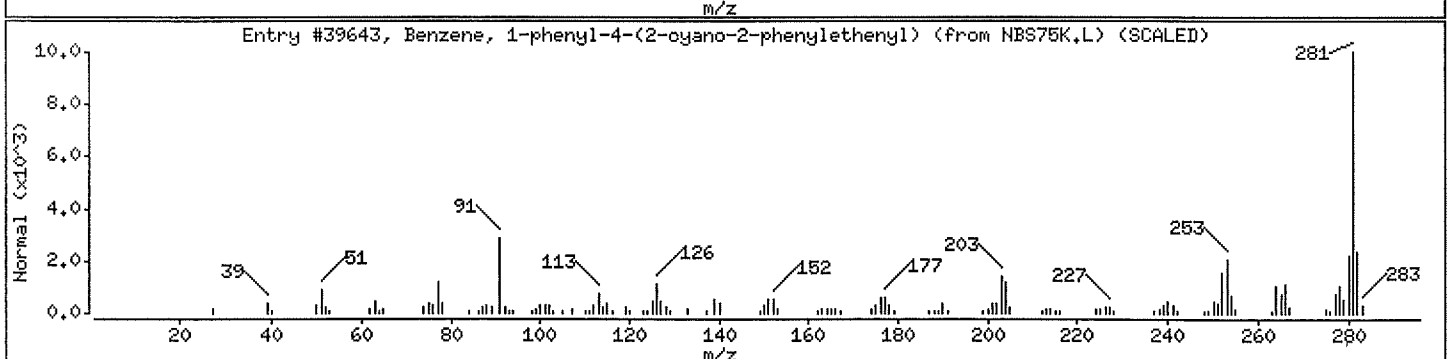
Operator: AD

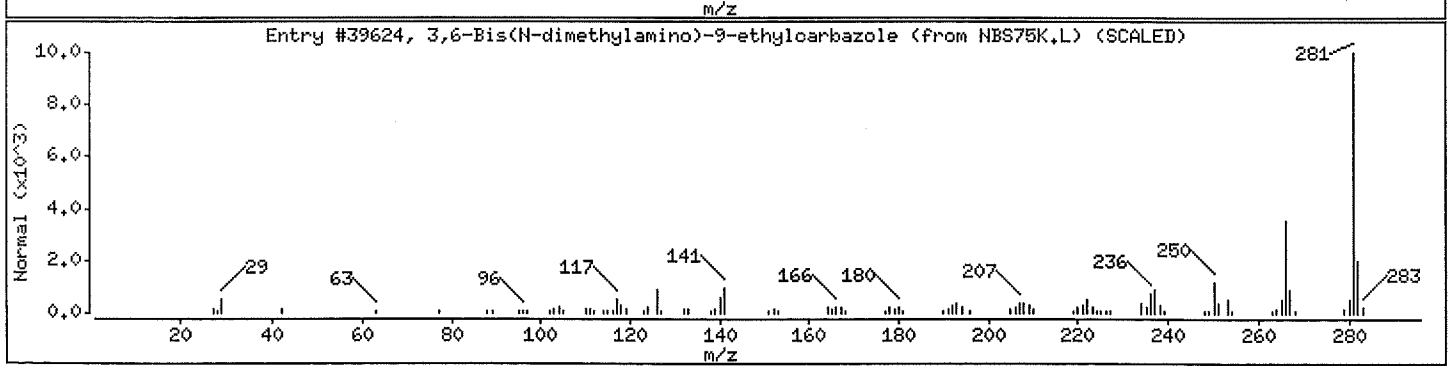
Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NBS75K.L	41966	78	C8H24O4Si4	296
Benzene, 1-phenyl-4-(2-cyano-2-phenyleth	27869-56-3	NBS75K.L	39643	50	C21H15N	281
3,6-Bis(N-dimethylamino)-9-ethylcarbazol	57103-04-5	NBS75K.L	39624	25	C18H23N3	281









STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13565.D
Lab Smp Id: DNCJF1AA Client Smp ID: D13565
Inj Date : 30-OCT-2000 05:23
Operator : AD Inst ID: md.i
Smp Info : DNCJF1AA,,2,,0,1,0,8260BDA.M,D13565
Misc Info : E0J180165-23,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.962	5.971	(0.843)	1227877	48.8508	48.85	
$ 33 1,2-Dichloroethane-d4	65	6.504	6.493	(0.919)	772889	42.1753	42.18	
34 1,2-Dichloroethane-d4 2nd	102	6.504	6.503	(0.919)	190573	48.0858	48.08	
* 38 Fluorobenzene	96	7.075	7.074	(1.000)	2126025	50.0000		
$ 47 Toluene-d8	98	9.893	9.902	(0.786)	2052150	49.0269	49.03	
* 56 Chlorobenzene-d5	117	12.583	12.582	(1.000)	1770550	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.918	14.917	(0.866)	969576	45.5857	45.58	
$ 67 4-Bromofluorobenzene	95	14.918	14.936	(0.866)	1480549	41.9793	41.98	
* 79 1,4-Dichlorobenzene-d4	152	17.223	17.232	(1.000)	1129062	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13565.D
Lab Smp Id: DNCJF1AA Client Smp ID: D13565
Inj Date : 30-OCT-2000 05:23
Operator : AD Inst ID: md.i
Smp Info : DNCJF1AA,,2,,0,1,0,8260BDA.M,D13565
Misc Info : E0J180165-23,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.075	4923025	50.000
* 79 1,4-Dichlorobenzene-d4	17.223	7140611	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	1471074	14.9407489	14.94	0		0	38
Benzene, 1-phenyl-4-(2-cyano-2-phenyleth				CAS #: 27869-56-3			
15.736	734839	5.14548987	5.14	50	NBS75K.L	39643	79

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCJF1AA
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13565
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.322	14.94	J
2. 27869-56-3	Benzene, 1-phenyl-4-(2-cyan	15.736	5.14	NJ

NO

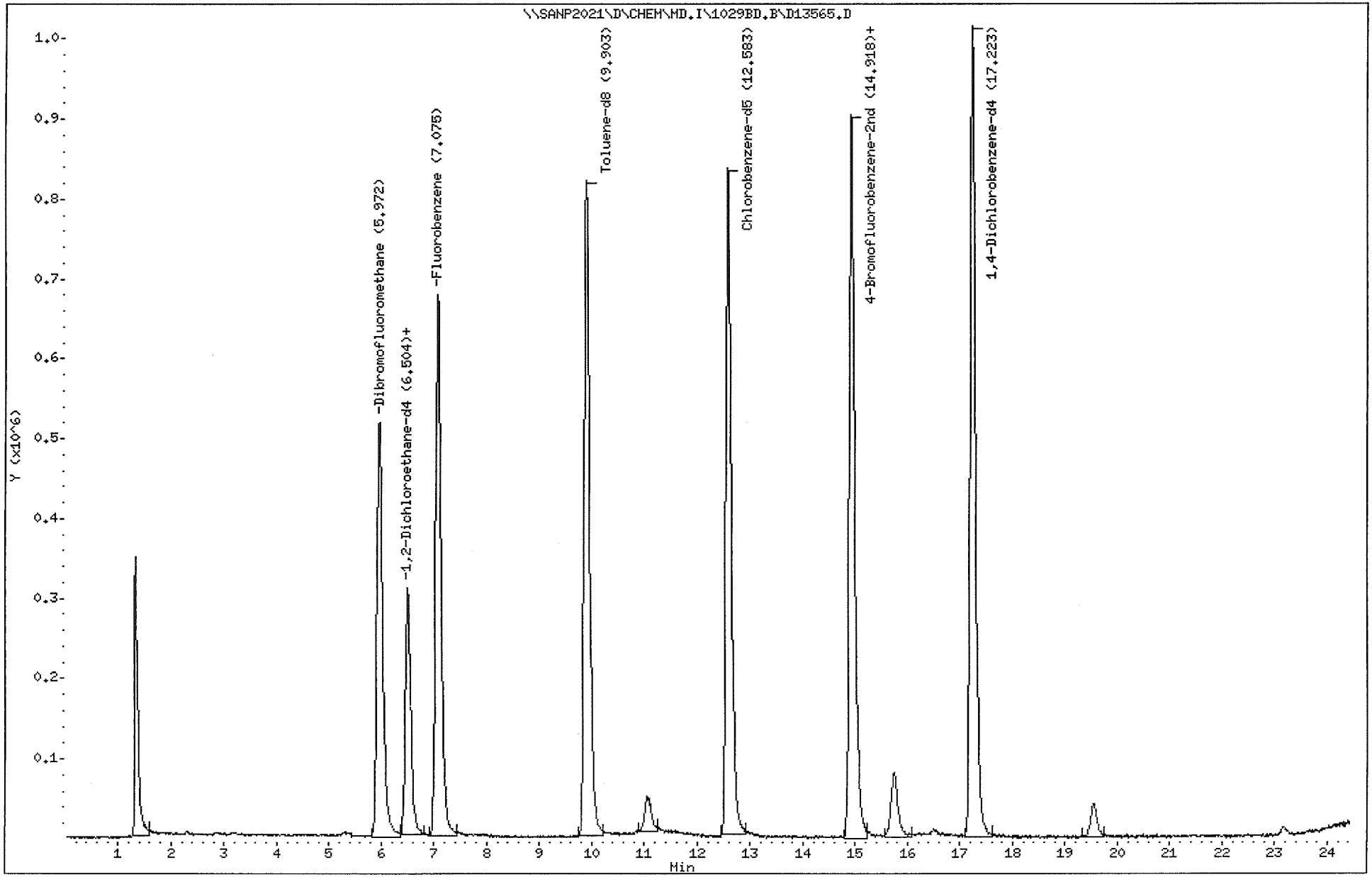
Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13565.D
Date : 30-OCT-2000 05:23
Client ID: D13565
Sample Info: DNCJF1AA,,2,,0,1,0,8260BDA.M,D13565

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000709

BOE-C6-0175740

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13565.D

Date : 30-OCT-2000 05:23

Client ID: D13565

Instrument: md.i

Sample Info: DNCJF1AA,,2,,0,1,0,8260BDA.M,D13565

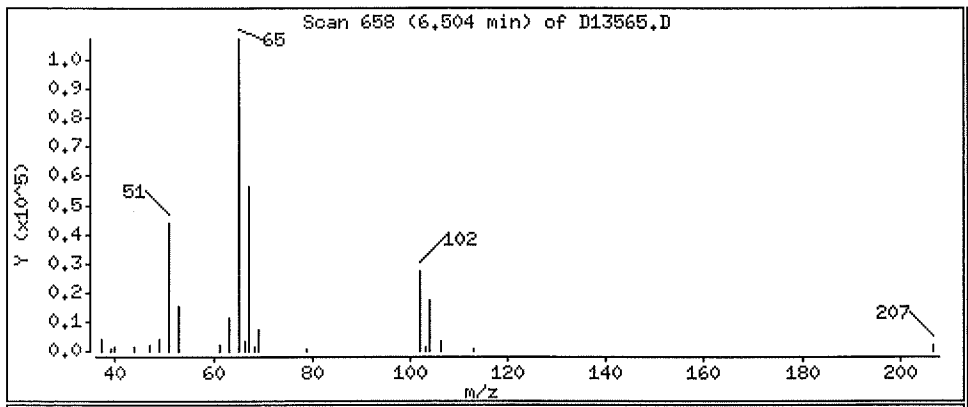
Operator: AD

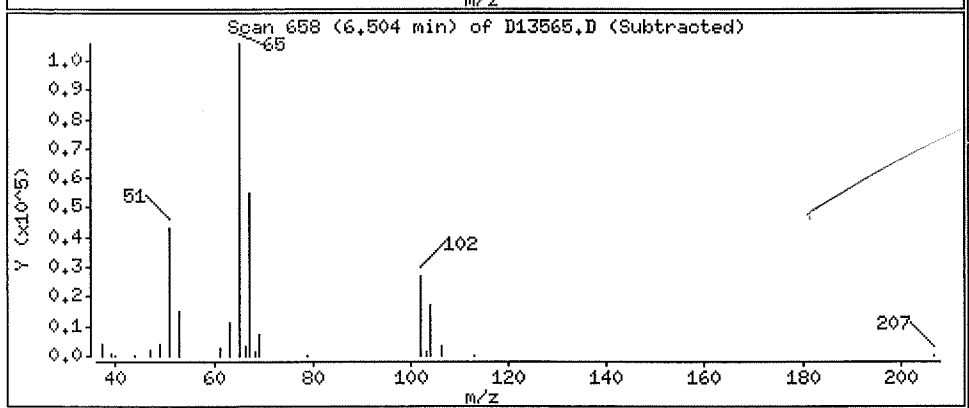
Column phase: J&W DB-624

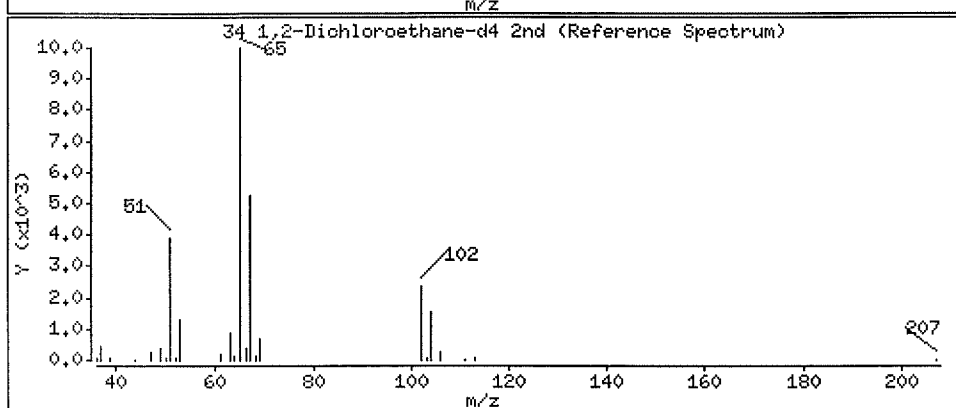
Column diameter: 0.53

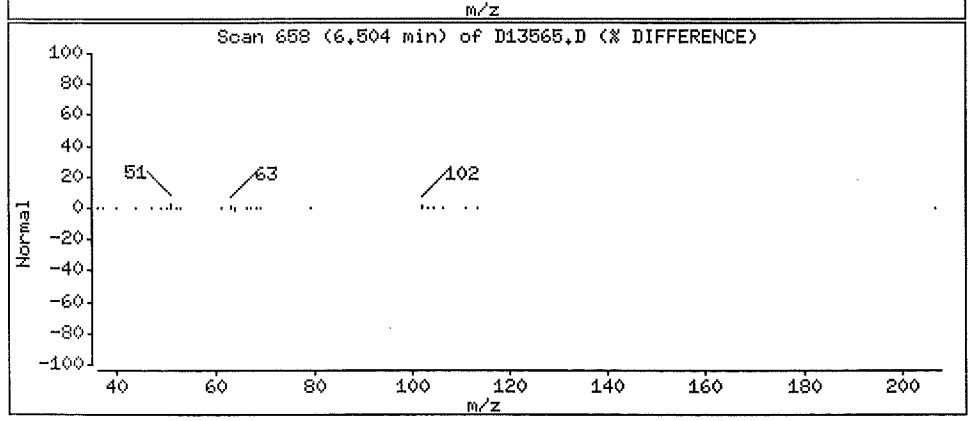
34 1,2-Dichloroethane-d4 2nd

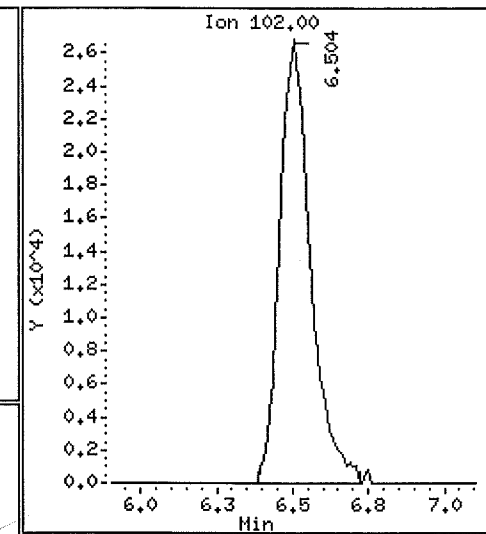
Concentration: 48.08 ug/Kg

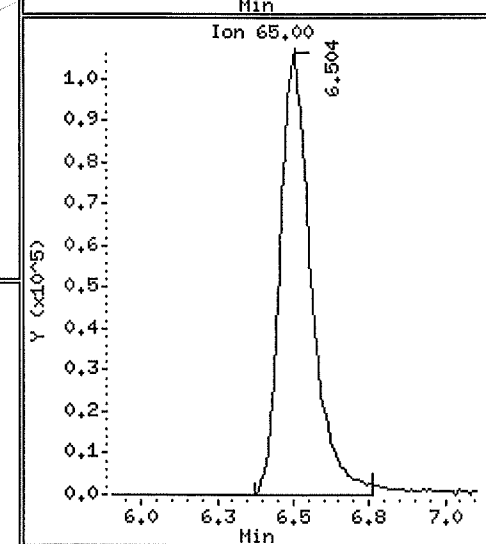












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13565.D

Date : 30-OCT-2000 05:23

Client ID: D13565

Instrument: md.i

Sample Info: DNCJF1AA,,2,,0,1,0,8260BDA.M,D13565

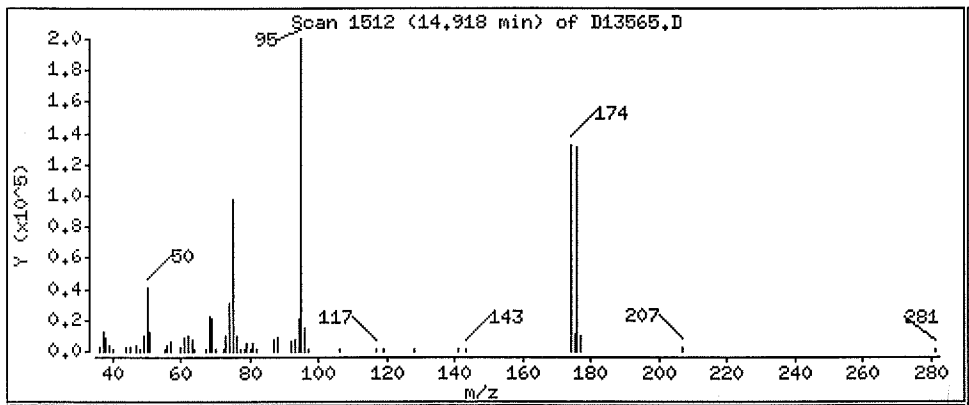
Operator: AD

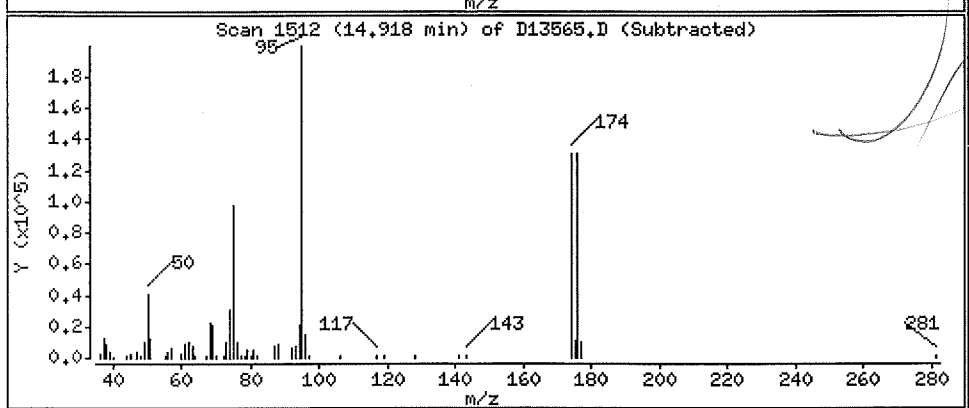
Column phase: J&W DB-624

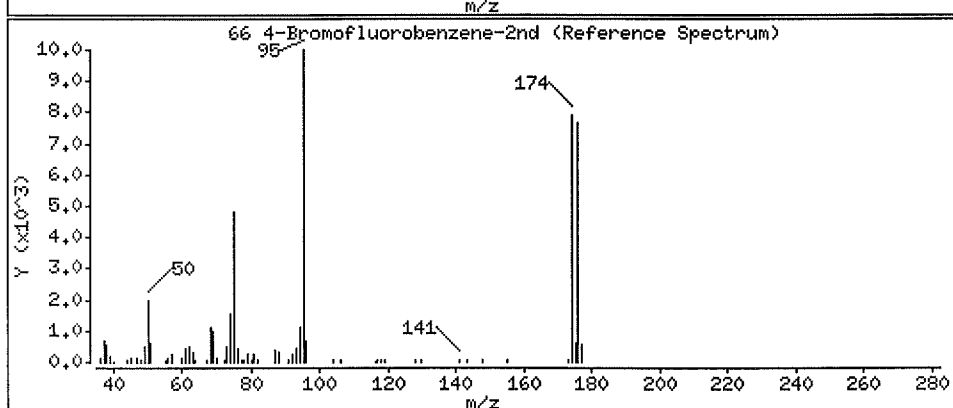
Column diameter: 0.53

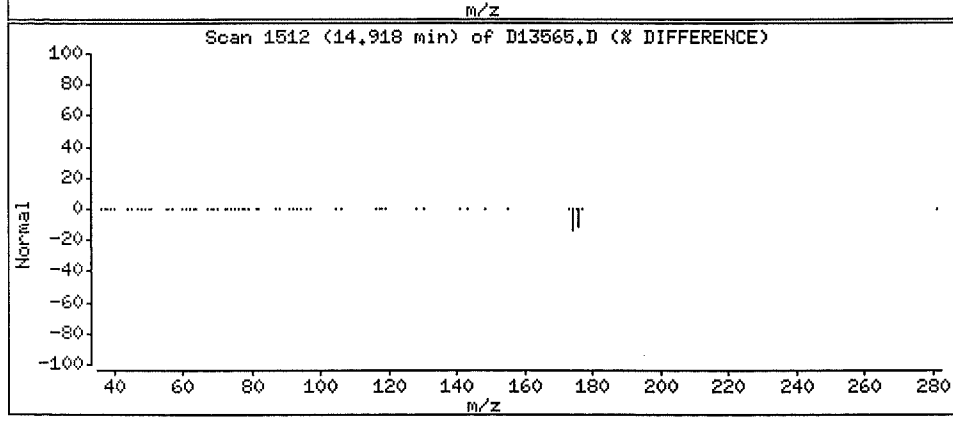
66 4-Bromofluorobenzene-2nd

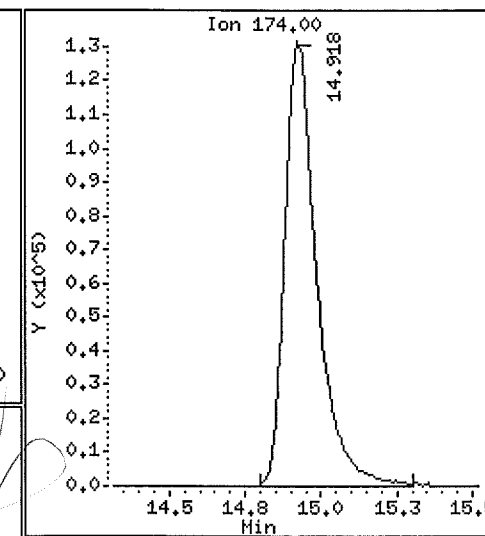
Concentration: 45.58 ug/Kg

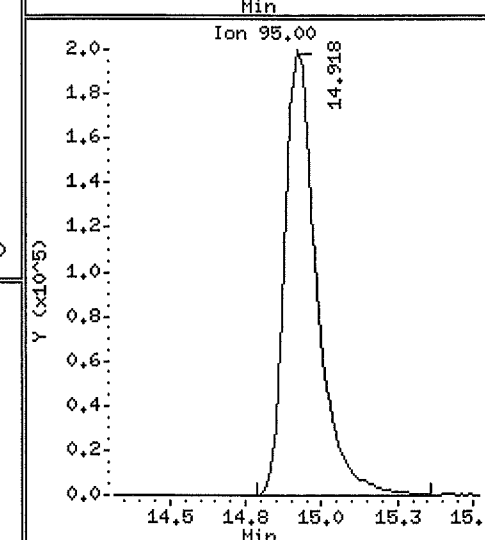


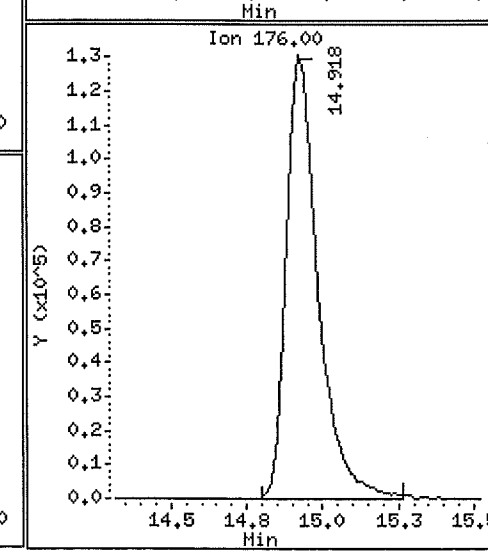












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13565.D

Date : 30-OCT-2000 05:23

Client ID: D13565

Instrument: md.i

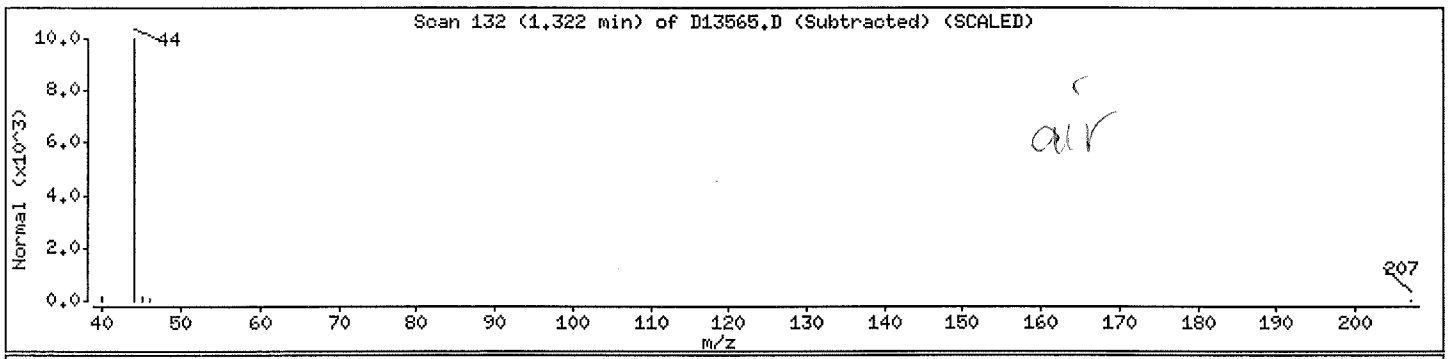
Sample Info: DNCJF1AA,,2,,0,1,0,8260BDA.M,D13565

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



000712

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13565.D

Date : 30-OCT-2000 05:23

Client ID: D13565

Instrument: md.i

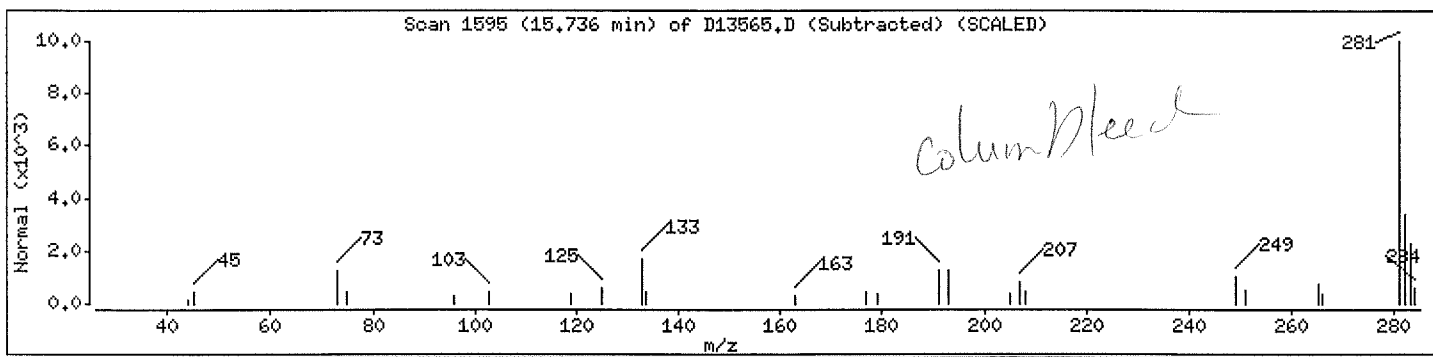
Sample Info: DNCJF1AA,,2,,0,1,0,8260BDA.M,D13565

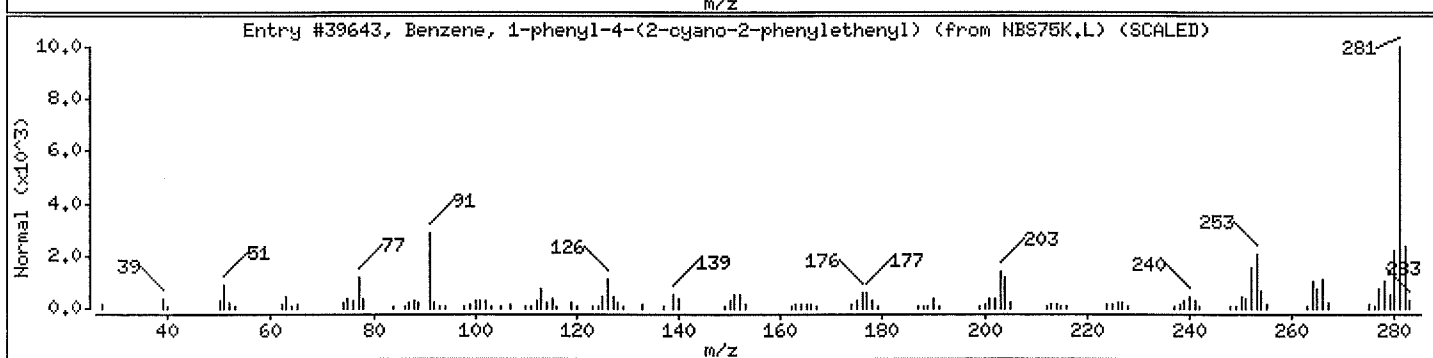
Operator: AD

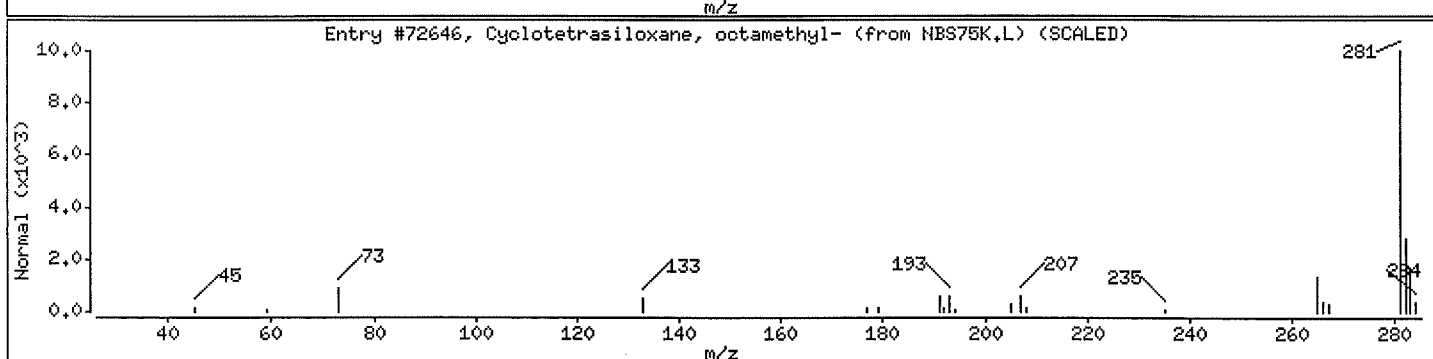
Column phase: J&W DB-624

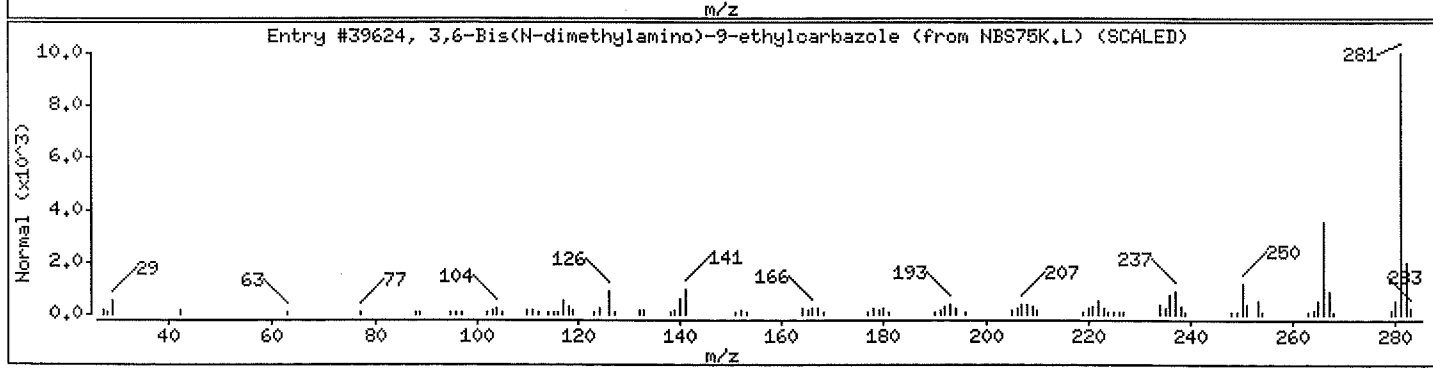
Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1-phenyl-4-(2-cyano-2-phenyleth	27869-56-3	NBS75K.L	39643	50	C21H15N	281
Cyclotetrasiloxane, octamethyl-	556-67-2	NBS75K.L	72646	45	C8H24O4Si4	296
3,6-Bis(N-dimethylamino)-9-ethylcarbazol	57103-04-5	NBS75K.L	39624	36	C18H23N3	281









STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13566.D
Lab Smp Id: DNCJH1AF Client Smp ID: D13566
Inj Date : 30-OCT-2000 05:54
Operator : AD Inst ID: md.i
Smp Info : DNCJH1AF,,2,,0,1,0,8260BDA.M,D13566
Misc Info : E0J180165-24,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.962	5.971	(0.844)	1219553	49.8135	49.81
$ 33 1,2-Dichloroethane-d4	65	6.494	6.493	(0.919)	755076	42.3021	42.30
34 1,2-Dichloroethane-d4 2nd	102	6.494	6.503	(0.919)	187666	48.6149	48.61
36 1,2-Dichloroethane	62	7.075	6.631	(1.001)	33354	1.68258	1.68(aQ)
* 38 Fluorobenzene	96	7.066	7.074	(1.000)	2070801	50.0000	
$ 47 Toluene-d8	98	9.893	9.902	(0.786)	1993341	48.4875	48.49
* 56 Chlorobenzene-d5	117	12.583	12.582	(1.000)	1738942	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.928	14.917	(0.866)	925829	46.7204	46.72
$ 67 4-Bromofluorobenzene	95	14.928	14.936	(0.866)	1409226	42.8866	42.89
* 79 1,4-Dichlorobenzene-d4	152	17.233	17.232	(1.000)	1051935	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13566.D
Lab Smp Id: DNCJH1AF Client Smp ID: D13566
Inj Date : 30-OCT-2000 05:54
Operator : AD Inst ID: md.i
Smp Info : DNCJH1AF,,2,,0,1,0,8260BDA.M,D13566
Misc Info : E0J180165-24,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.066	4858276	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	1387103	14.2756706	14.28	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCJH1AF
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13566
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ Cyl	1.322	14.28	J

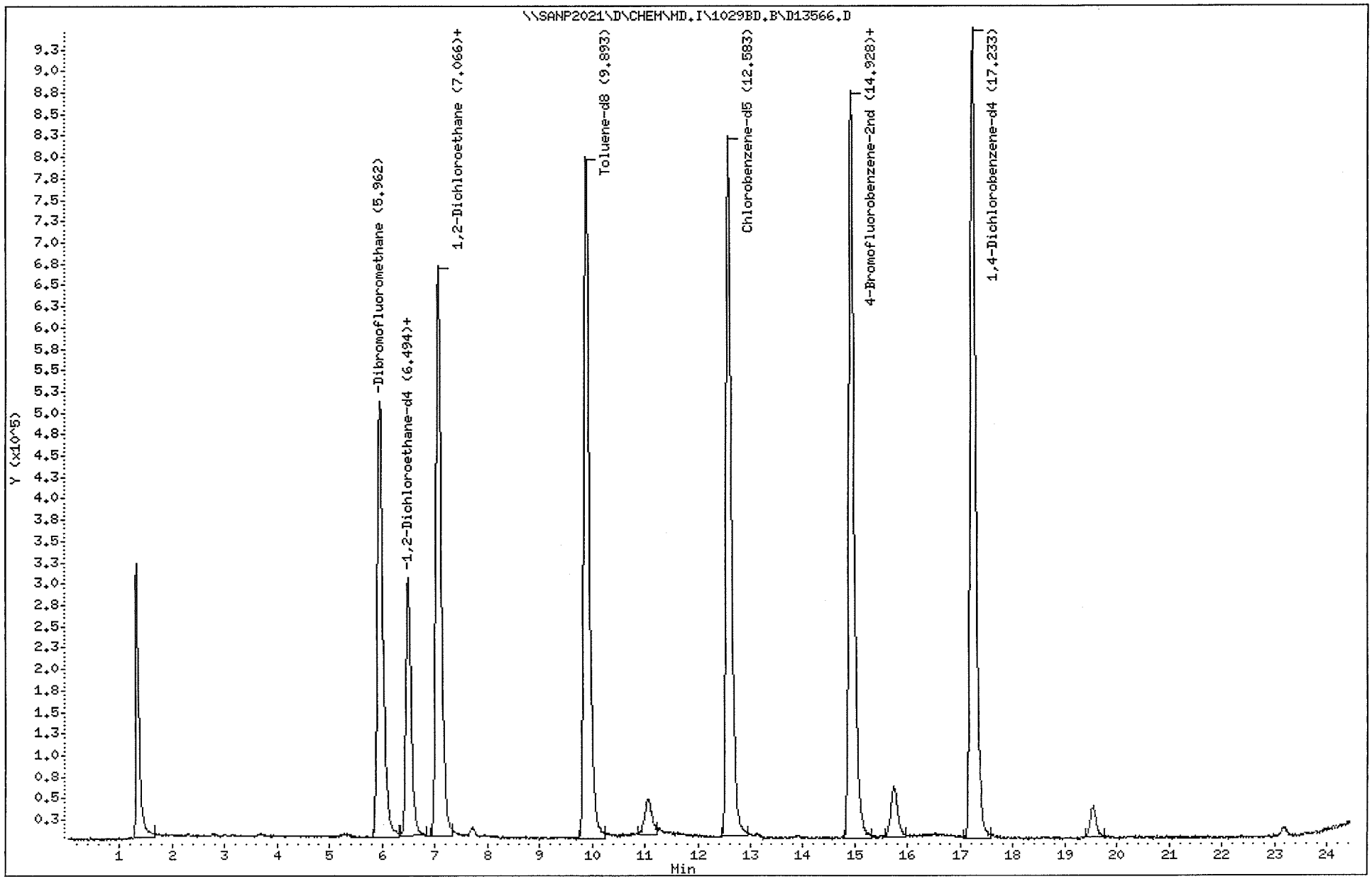
Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13566.D
Date : 30-OCT-2000 05:54
Client ID: D13566
Sample Info: DNCJH1AF,,2,,0,1,0,8260BDA.M,D13566

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000718

BOE-C6-0175749

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13566.D

Date : 30-OCT-2000 05:54

Client ID: D13566

Instrument: md.i

Sample Info: DNCJH1AF,,2,,0,1,0,8260BDA,M,D13566

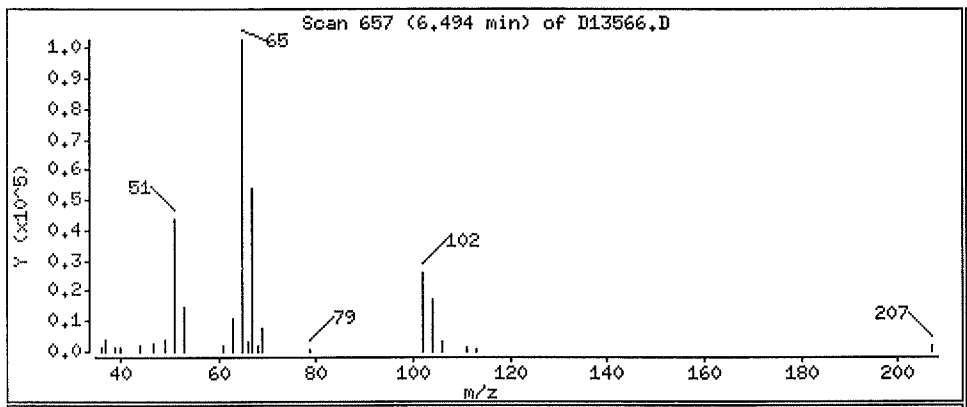
Operator: AD

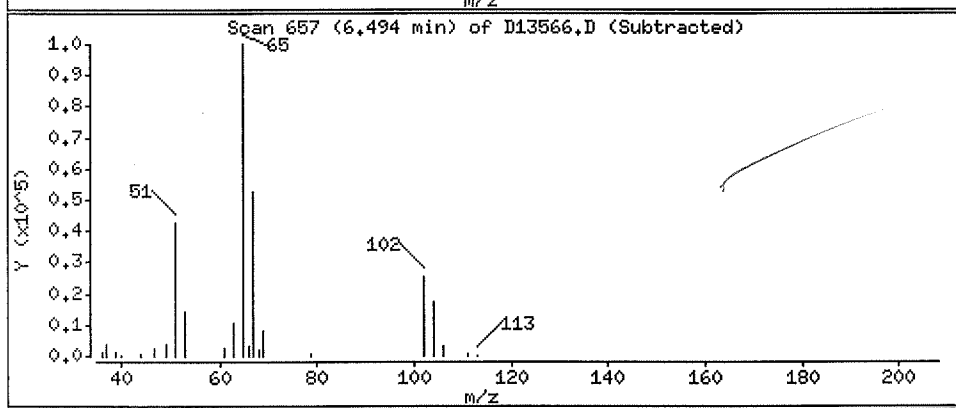
Column phase: J&W DB-624

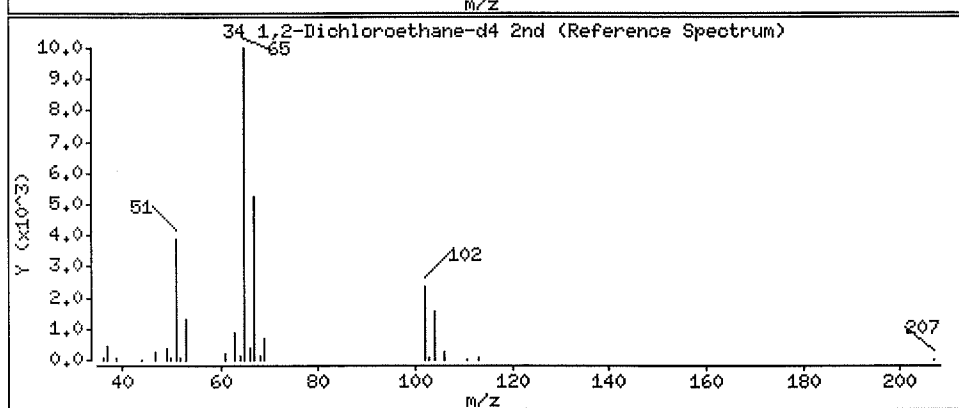
Column diameter: 0.53

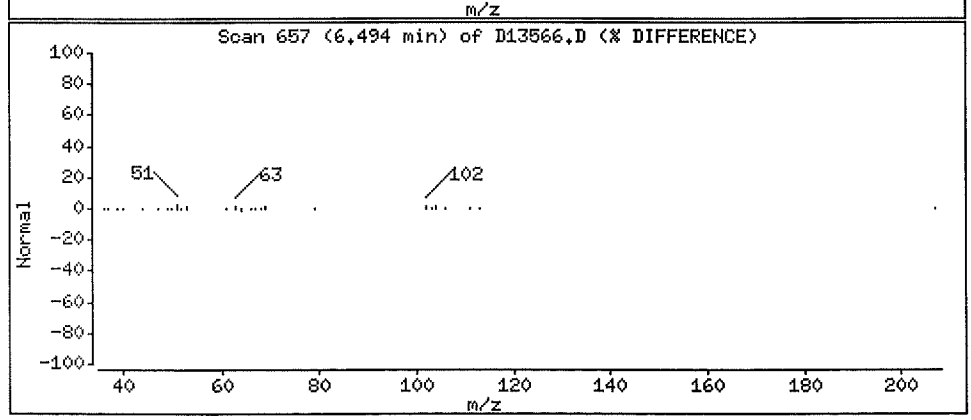
34 1,2-Dichloroethane-d4 2nd

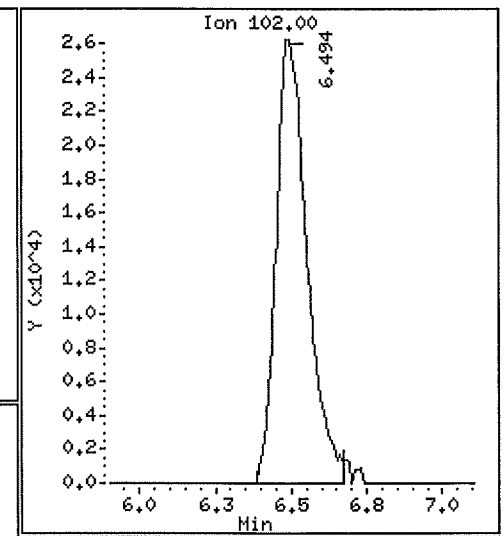
Concentration: 48.61 ug/Kg

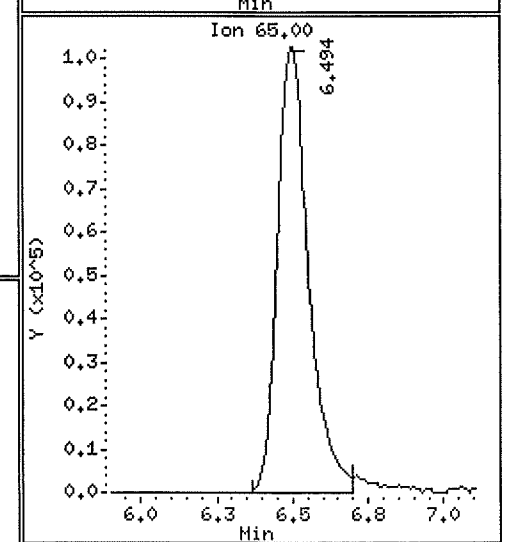












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13566.D

Date : 30-OCT-2000 05:54

Client ID: D13566

Instrument: md.i

Sample Info: DNCJH1AF,,2,,0,1,0,8260BDA.M,D13566

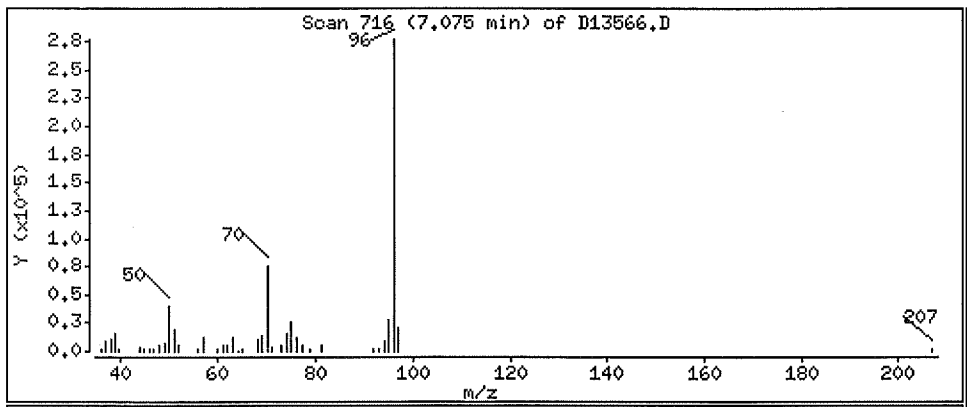
Operator: AD

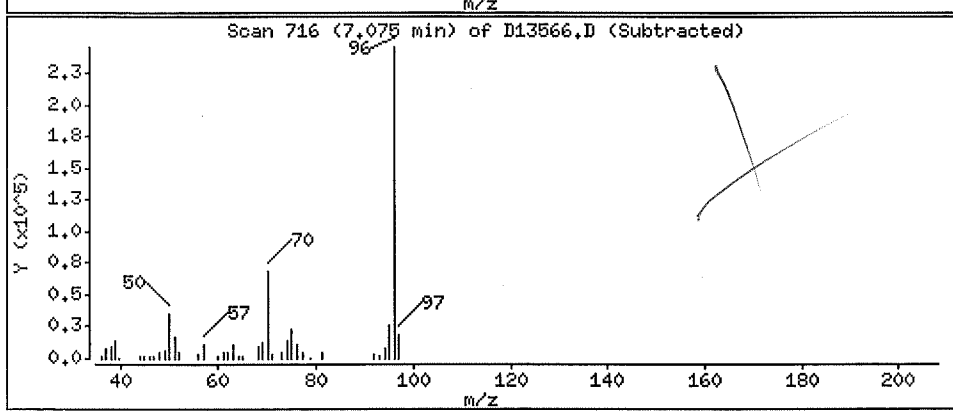
Column phase: J&W DB-624

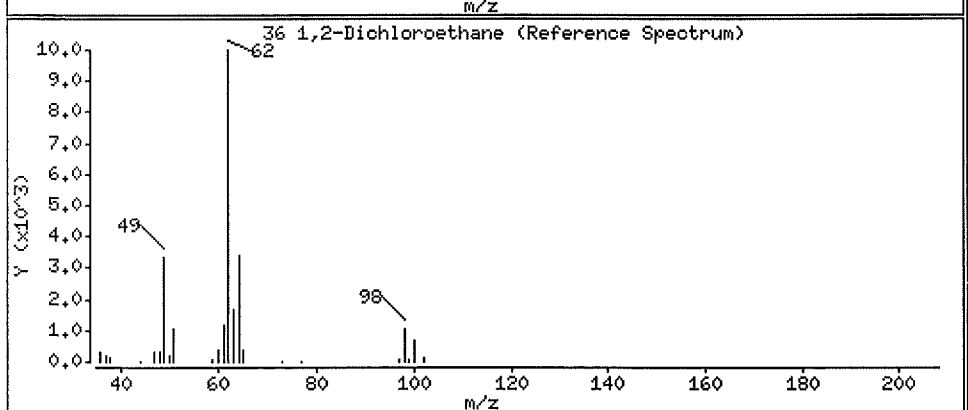
Column diameter: 0.53

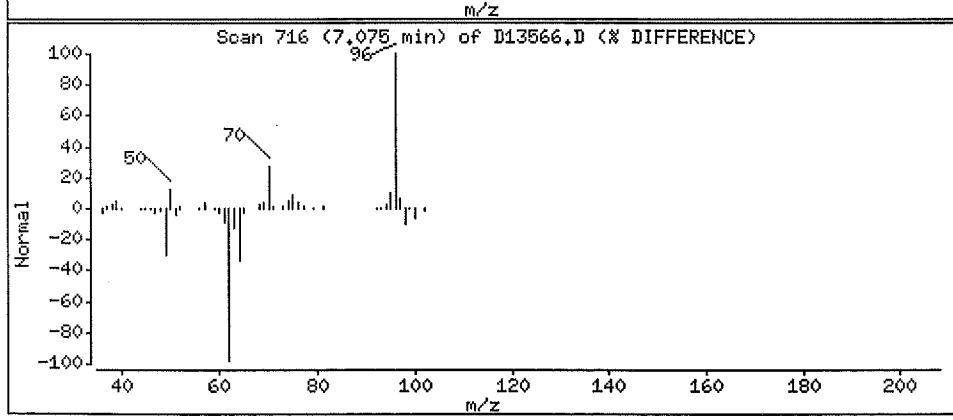
36 1,2-Dichloroethane

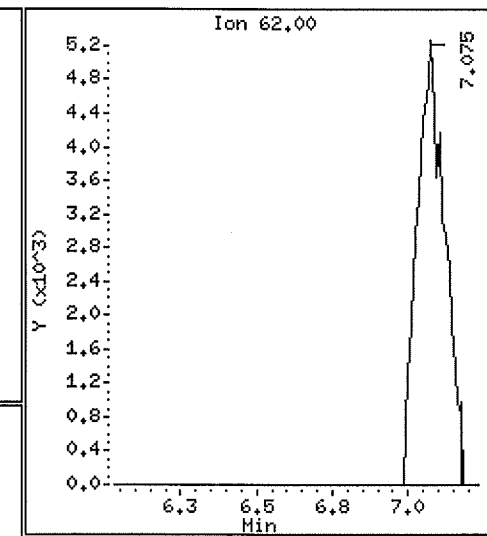
Concentration: 1.68 ug/Kg

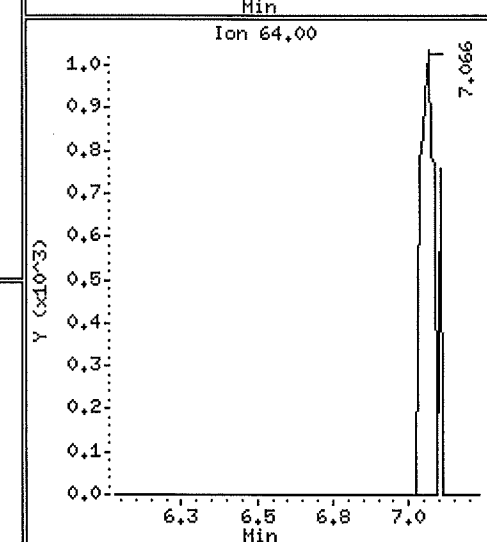


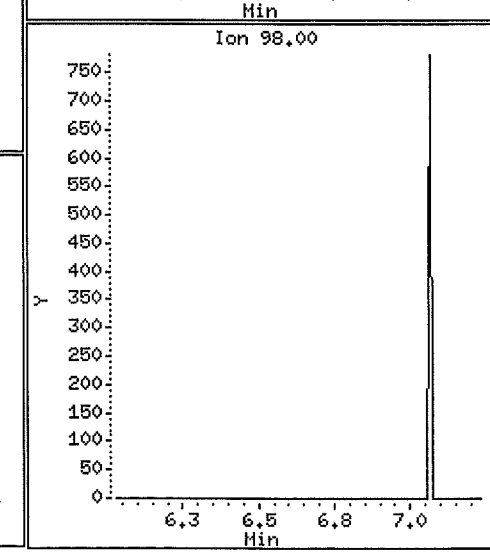












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13566.D

Date : 30-OCT-2000 05:54

Client ID: D13566

Instrument: md.i

Sample Info: DNCJH1AF,,2,,0,1,0,8260BDA.M,D13566

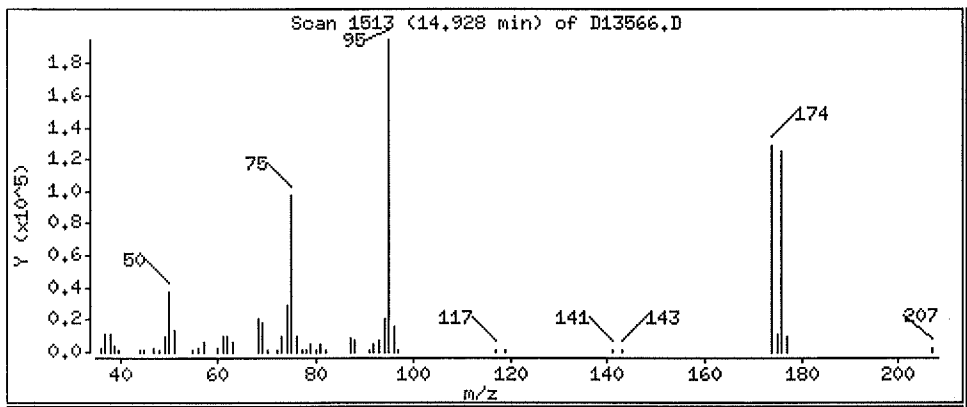
Operator: AD

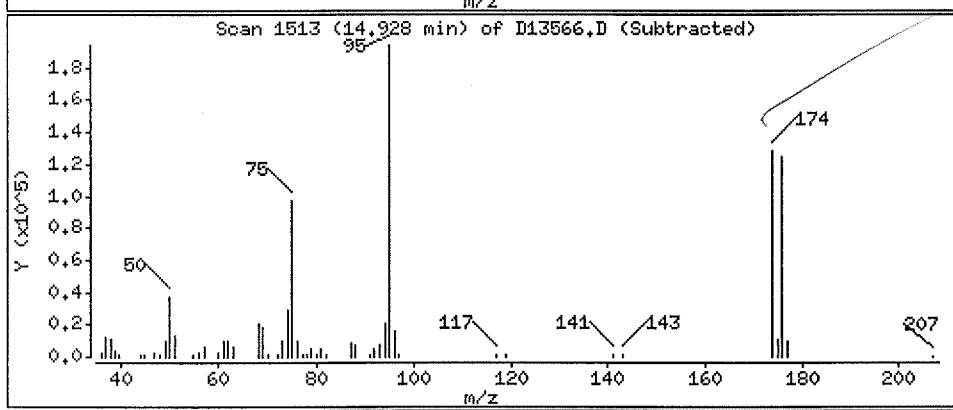
Column phase: J&W DB-624

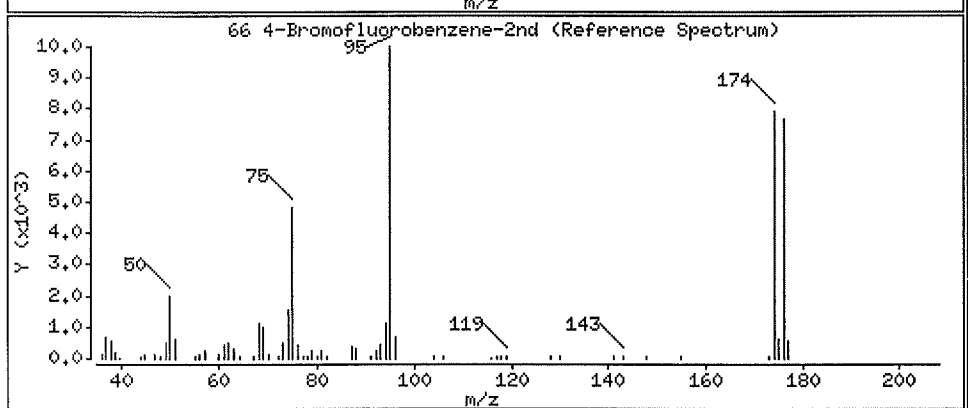
Column diameter: 0.53

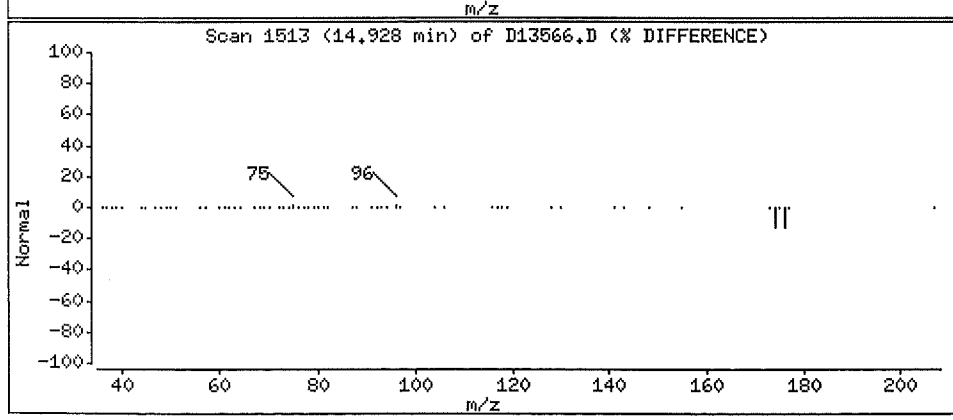
66 4-Bromofluorobenzene-2nd

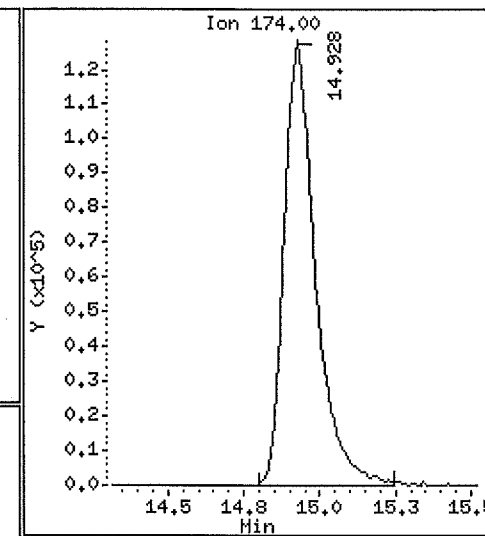
Concentration: 46.72 ug/Kg

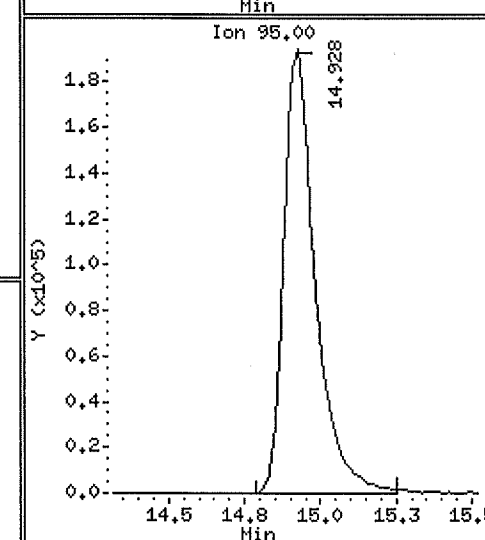


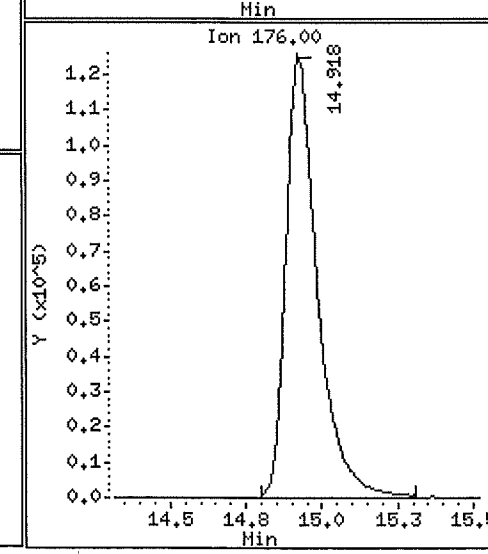












000721

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13566.D

Date : 30-OCT-2000 05:54

Client ID: D13566

Instrument: md.i

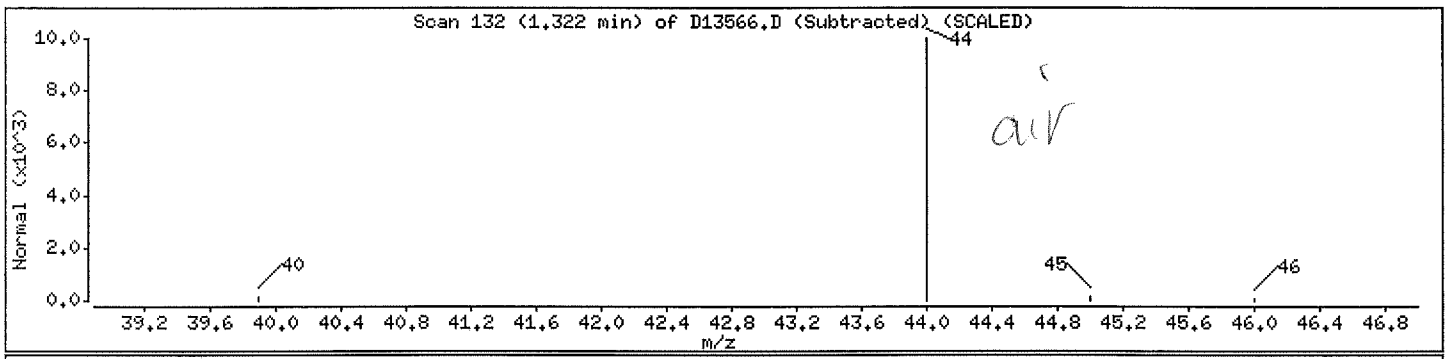
Sample Info: DNCJH1AF,,2,,0,1,0,8260BDA.M,D13566

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13567.D
Lab Smp Id: DNCJJ1AF Client Smp ID: D13567
Inj Date : 30-OCT-2000 06:25
Operator : AD Inst ID: md.i
Smp Info : DNCJJ1AF,,2,,0,1,0,8260BDA.M,D13567
Misc Info : E0J180165-25,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.963	5.971	(0.843)	1221881	49.2622	49.26
$ 33 1,2-Dichloroethane-d4	65	6.495	6.493	(0.918)	753216	41.6514	41.65
34 1,2-Dichloroethane-d4 2nd	102	6.495	6.503	(0.918)	186596	47.7117	47.71
36 1,2-Dichloroethane	62	7.066	6.631	(0.999)	32234	1.60500	1.60(aQ)
* 38 Fluorobenzene	96	7.076	7.074	(1.000)	2097972	50.0000	
$ 47 Toluene-d8	98	9.903	9.902	(0.786)	2001289	47.9074	47.91
* 56 Chlorobenzene-d5	117	12.593	12.582	(1.000)	1767017	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.918	14.917	(0.866)	947766	46.1765	46.18
$ 67 4-Bromofluorobenzene	95	14.928	14.936	(0.867)	1441904	42.3664	42.37
* 79 1,4-Dichlorobenzene-d4	152	17.224	17.232	(1.000)	1089545	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13567.D
Lab Smp Id: DNCJJ1AF Client Smp ID: D13567
Inj Date : 30-OCT-2000 06:25
Operator : AD Inst ID: md.i
Smp Info : DNCJJ1AF,,2,,0,1,0,8260BDA.M,D13567
Misc Info : E0J180165-25,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.076	4823414	50.000
* 79 1,4-Dichlorobenzene-d4	17.224	6896740	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	1496886	15.5168666	15.52	0		0	38
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
15.746	786274	5.70033056	5.70	83	NBS75K.L	41966	79

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCJJ1AF
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13567
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.322	15.52	J
2. 556-67-2	Cyclotetrasiloxane, octamet	15.746	5.70	NJ

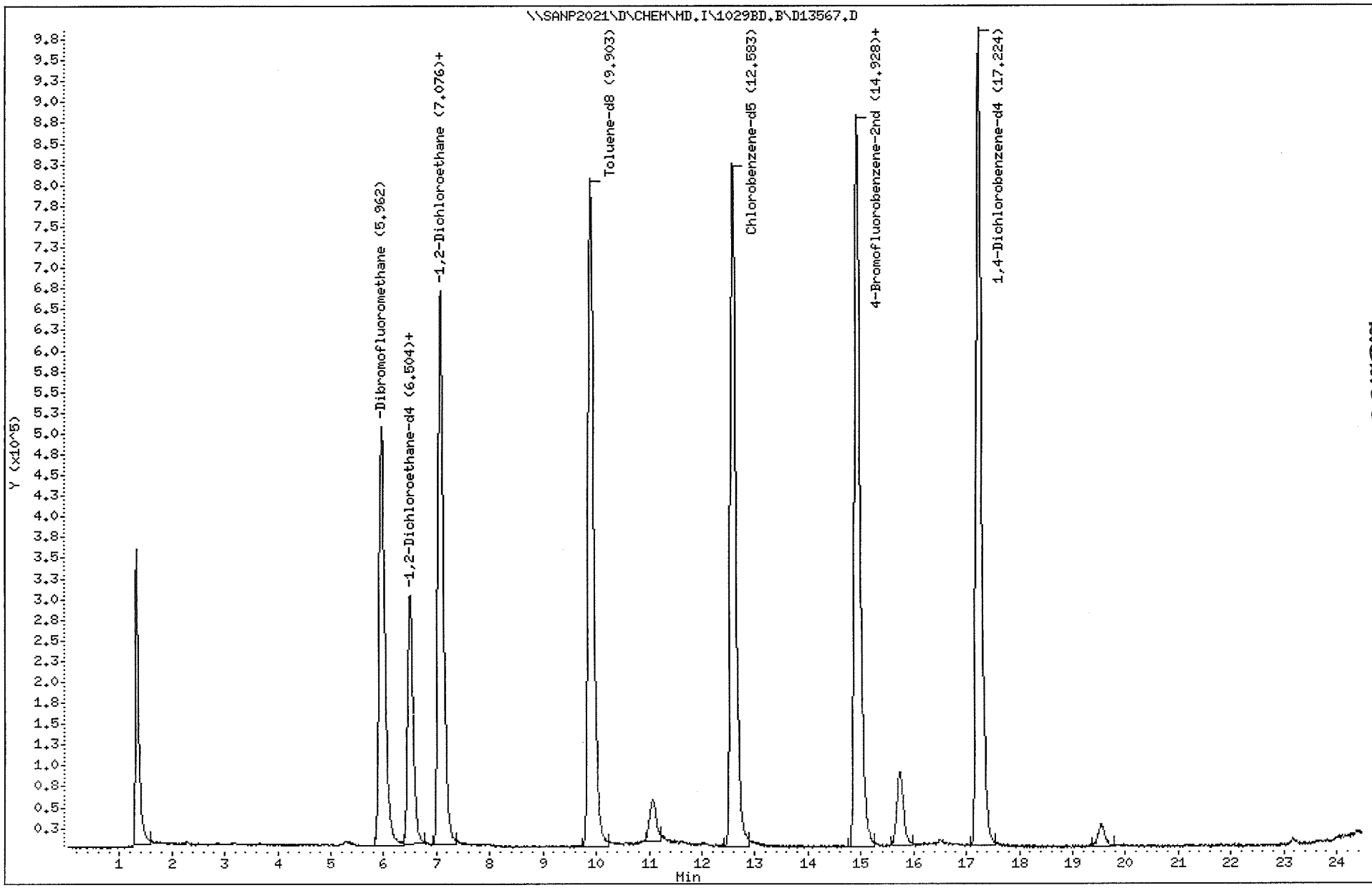
Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13567.D
Date : 30-OCT-2000 06:25
Client ID: D13567
Sample Info: DNCJJ1AF,,2,,0,1,0,8260BDA.M,D13567

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000727

BOE-C6-0175758

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13567.D

Date : 30-OCT-2000 06:25

Client ID: D13567

Instrument: md.i

Sample Info: DNCJJ1AF,,2,,0,1,0,8260BDA.M,D13567

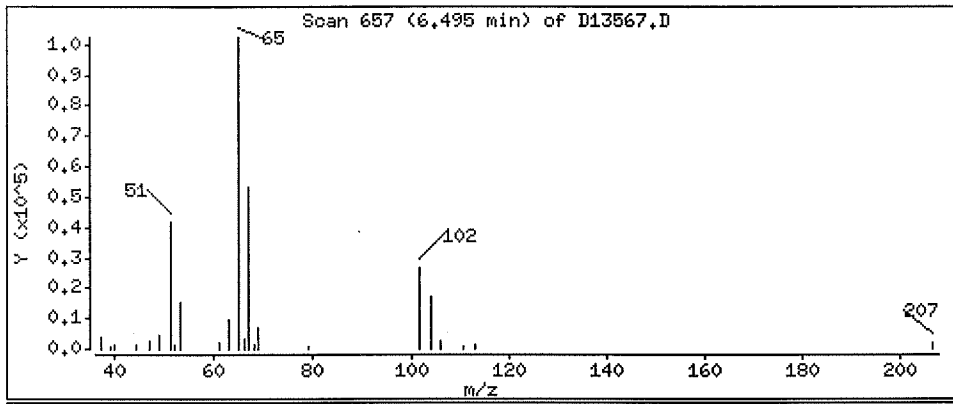
Operator: AD

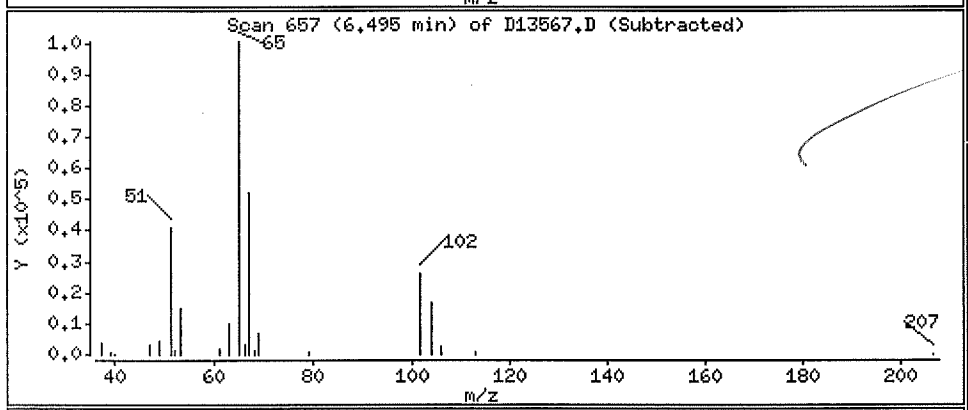
Column phase: J&W DB-624

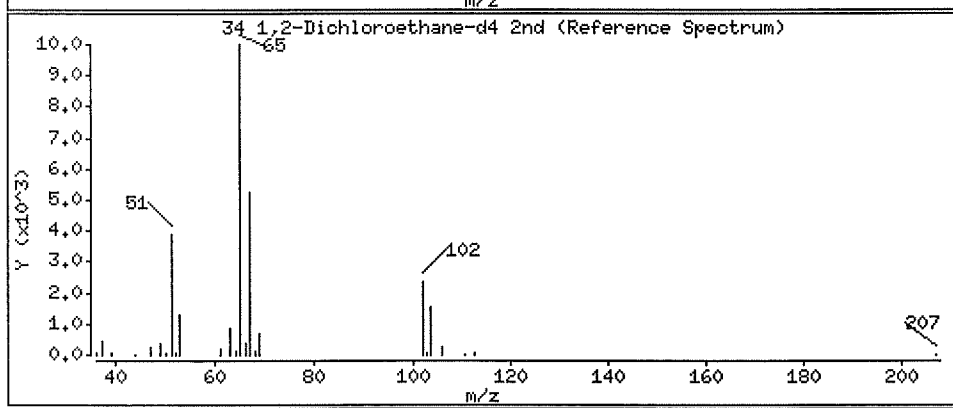
Column diameter: 0.53

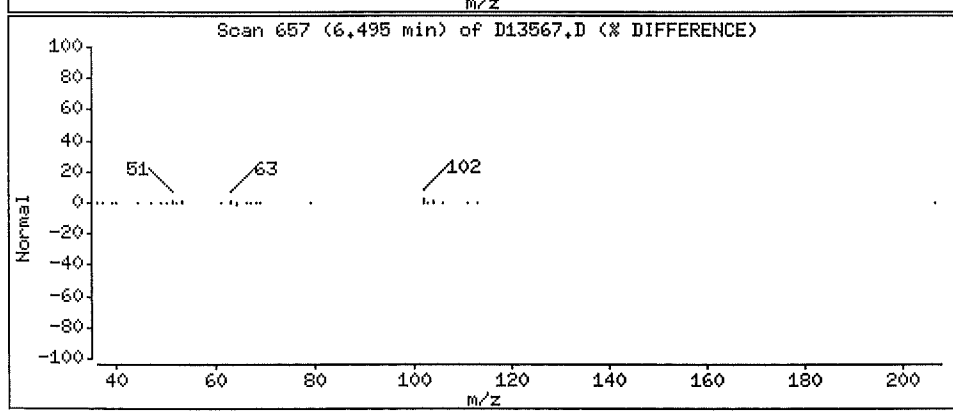
34 1,2-Dichloroethane-d4 2nd

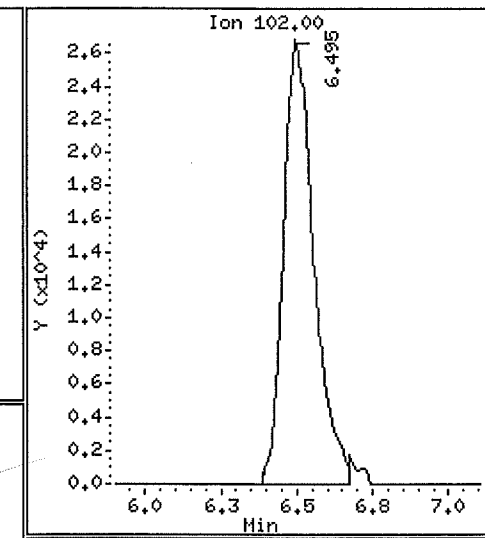
Concentration: 47.71 ug/Kg

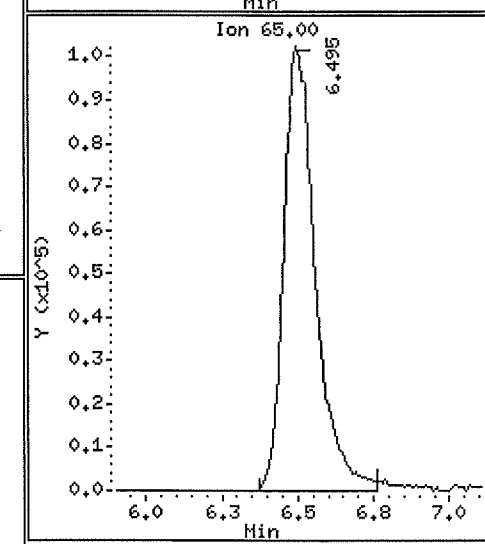












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13567.D

Date : 30-OCT-2000 06:25

Client ID: D13567

Instrument: md.i

Sample Info: DNCJJ1AF,,2,,0,1,0,8260BDA.M,D13567

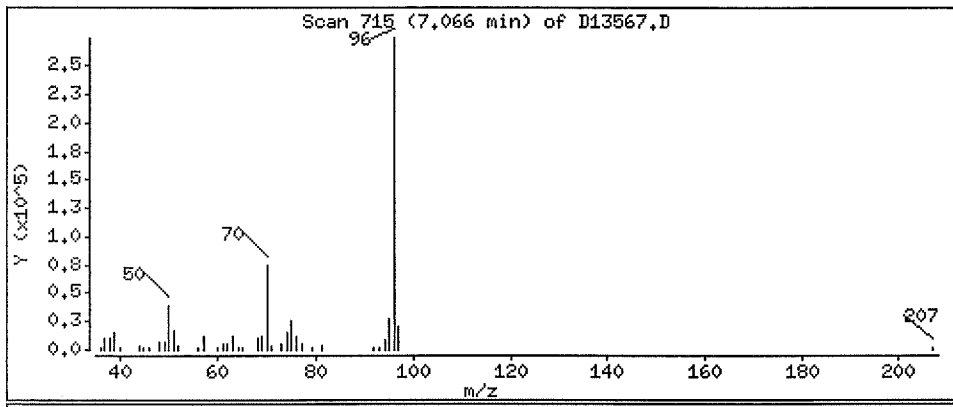
Operator: AD

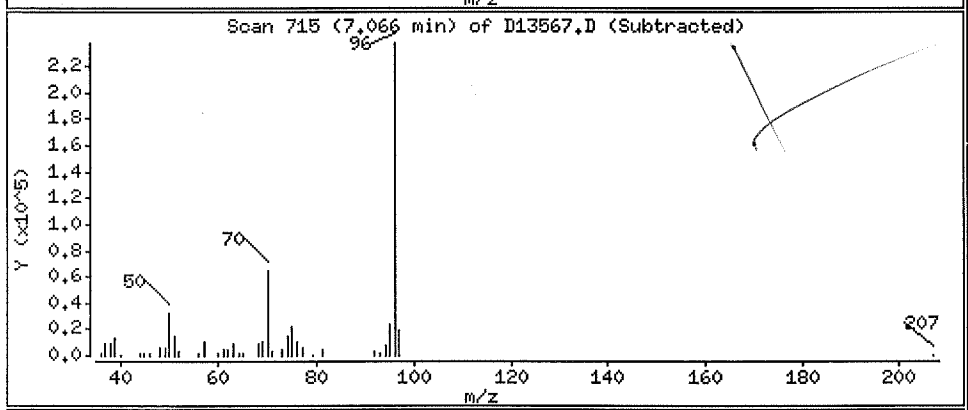
Column phase: J&W DB-624

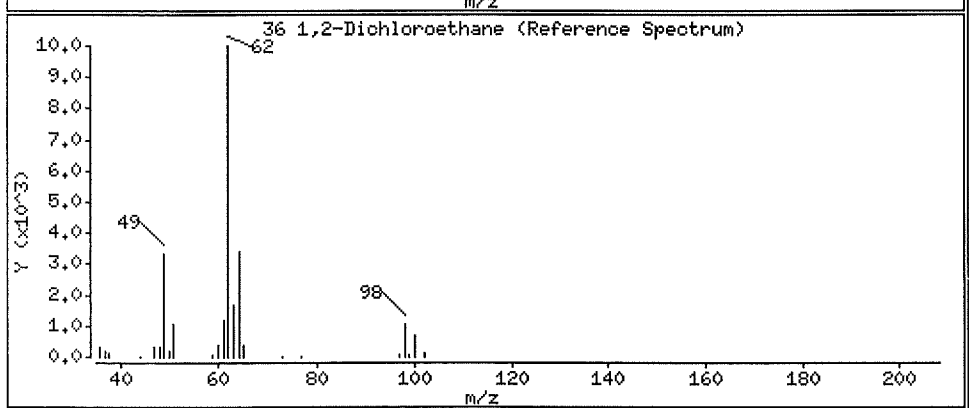
Column diameter: 0.53

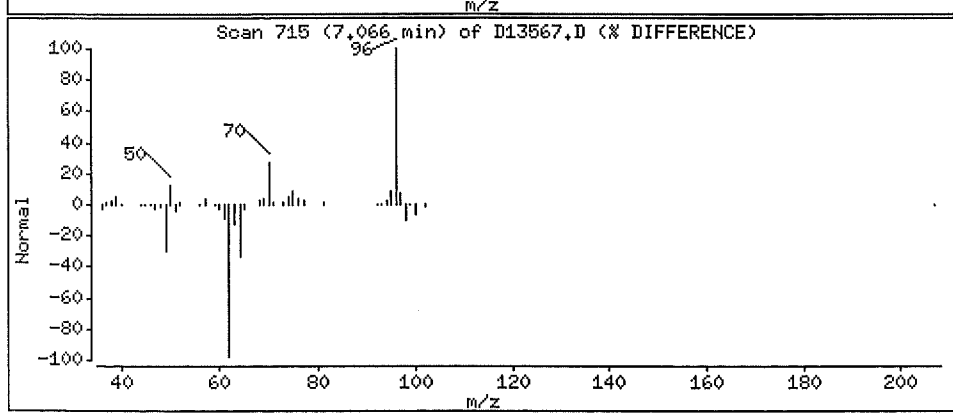
36 1,2-Dichloroethane

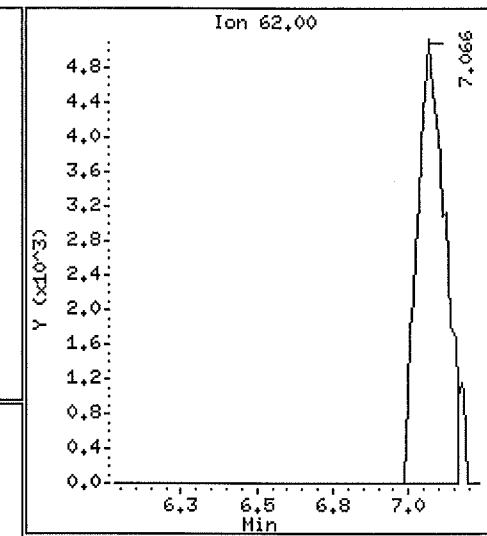
Concentration: 1.60 ug/Kg

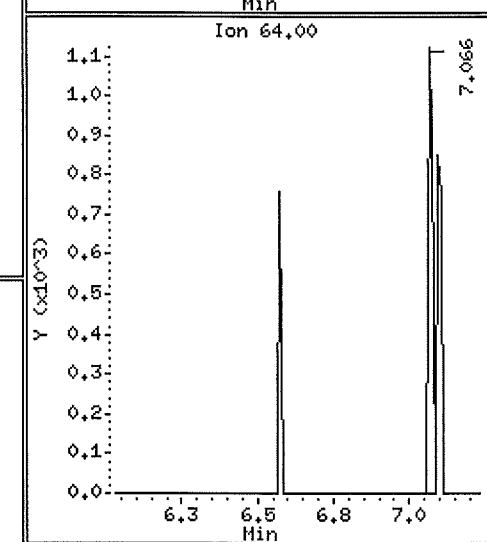


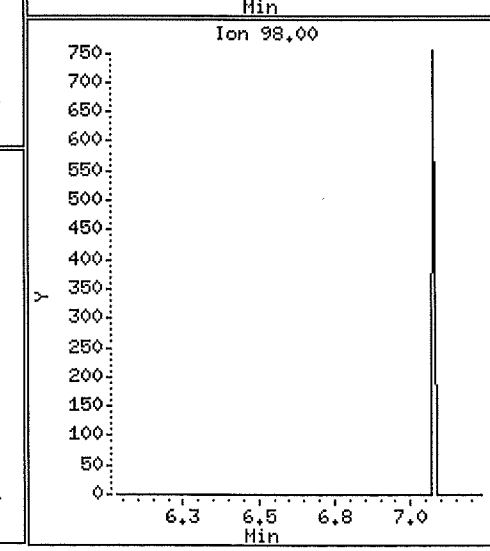












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13567.D

Date : 30-OCT-2000 06:25

Client ID: D13567

Instrument: md.i

Sample Info: DNCJJ1AF,,2,,0,1,0,8260BDA.M,D13567

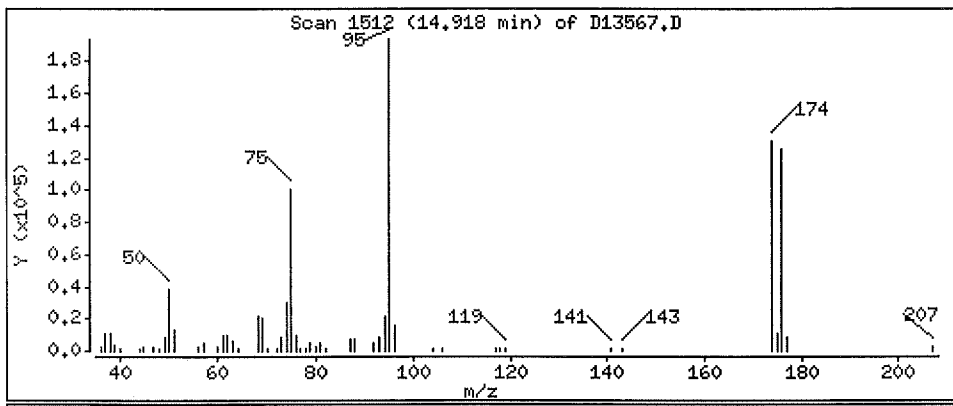
Operator: AD

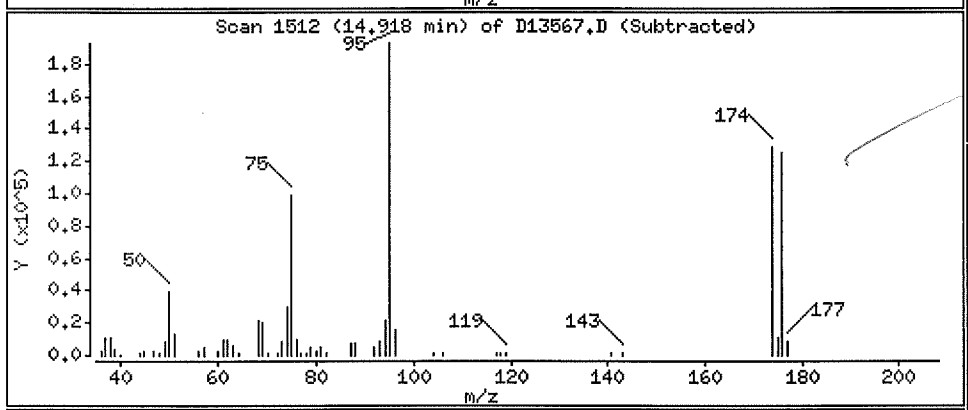
Column phase: J&W DB-624

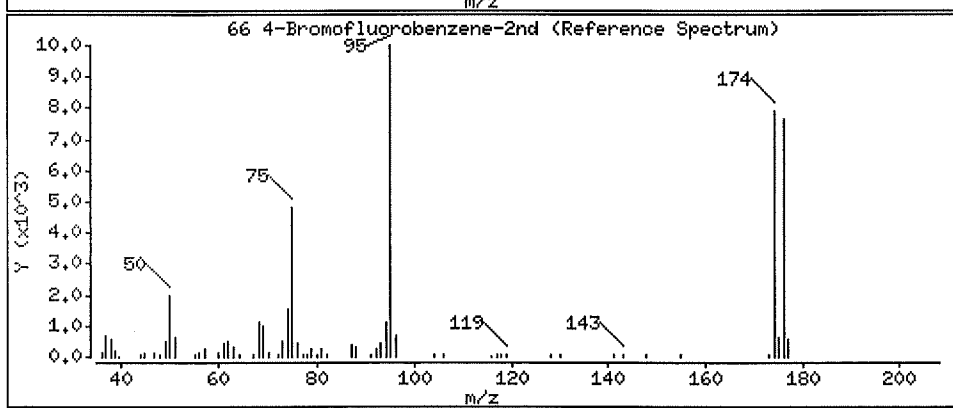
Column diameter: 0.53

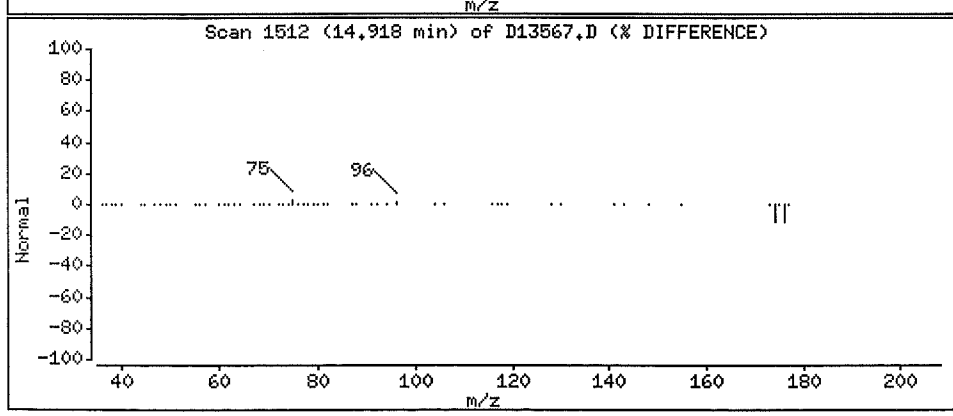
66 4-Bromofluorobenzene-2nd

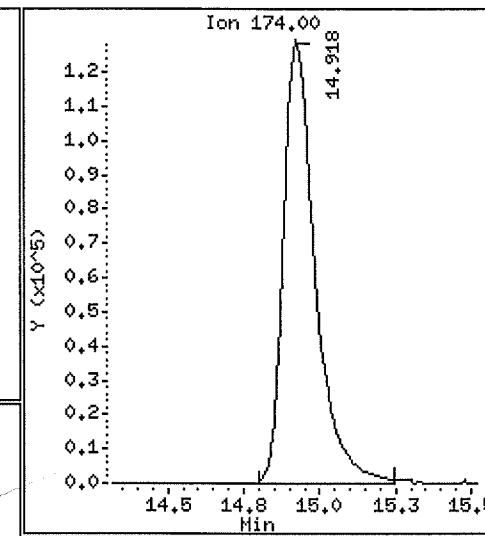
Concentration: 46.18 ug/Kg

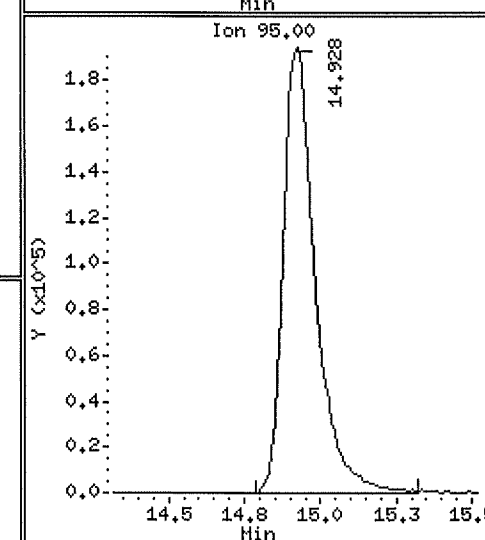


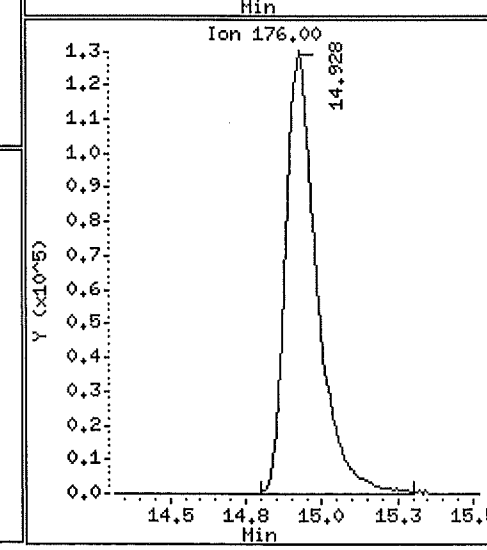












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13567.D

Date : 30-OCT-2000 06:25

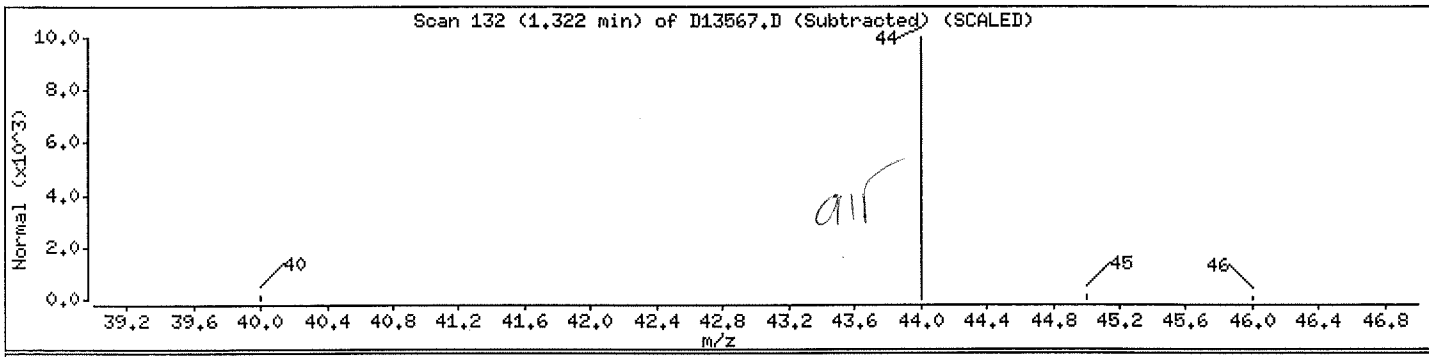
Client ID: D13567 Instrument: md.i

Sample Info: DNCJJ1AF,,2,,0,1,0,8260BDA.M,D13567

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13567.D

Date : 30-OCT-2000 06:25

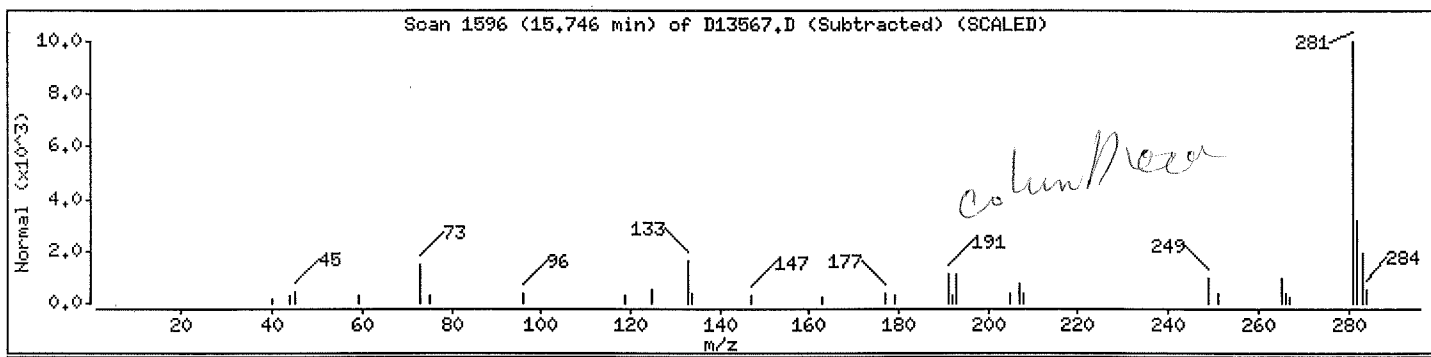
Client ID: D13567 Instrument: md.i

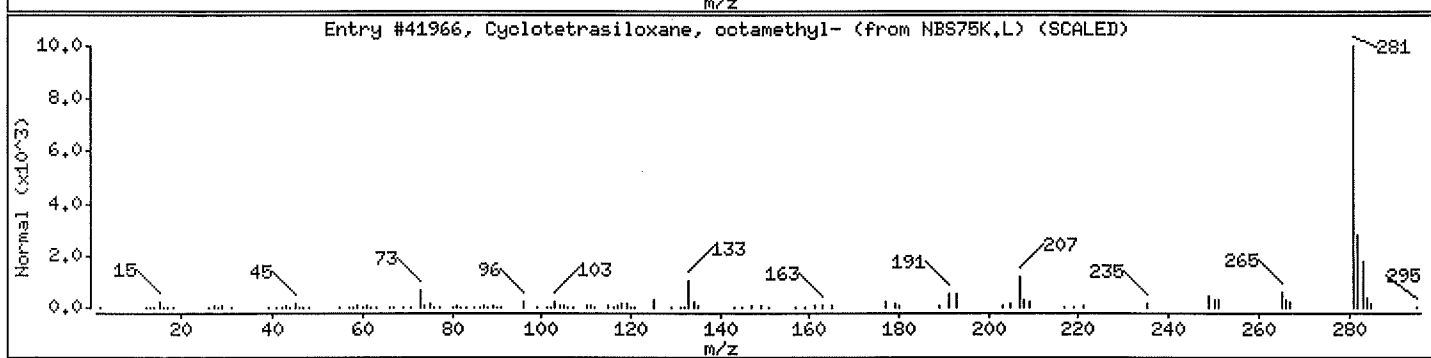
Sample Info: DNCJJ1AF,,2,,0,1,0,8260BDA.M,D13567

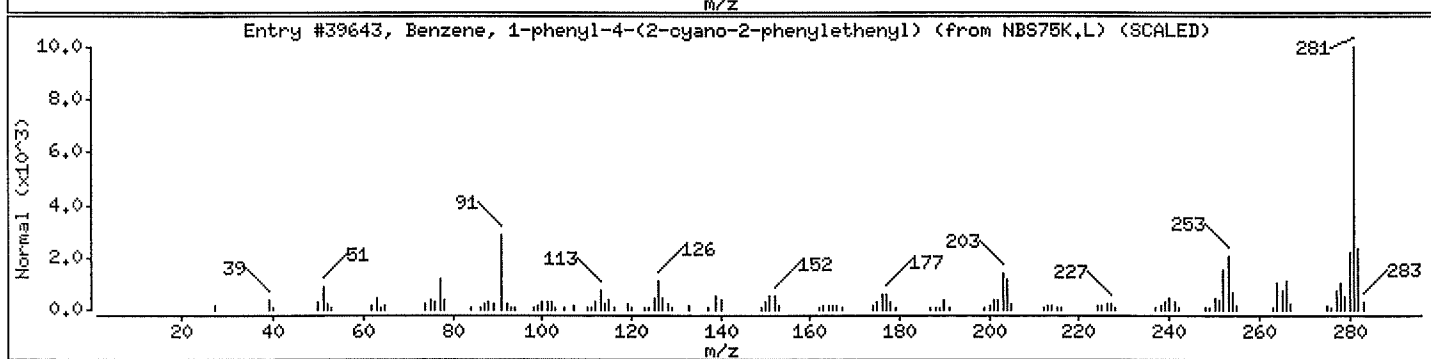
Operator: AD

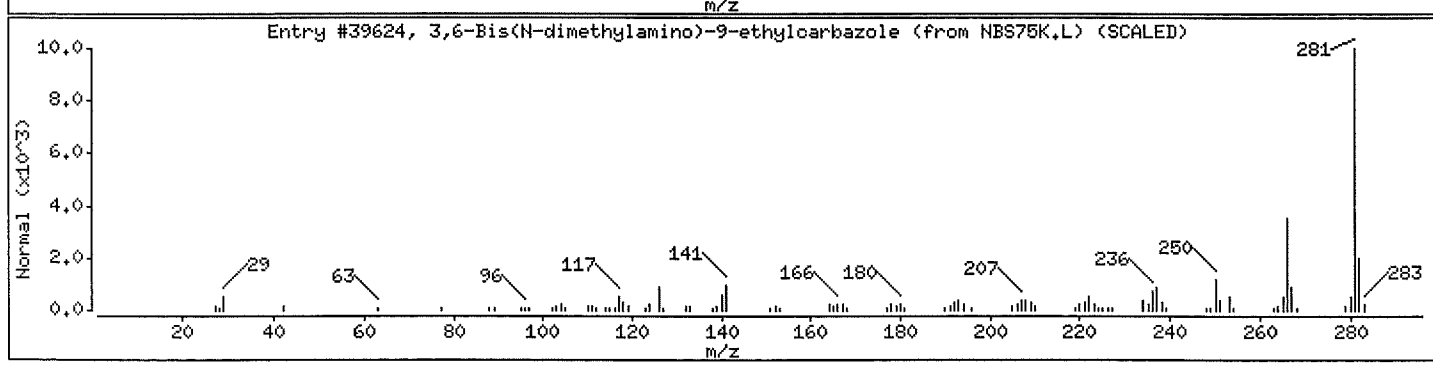
Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NBS75K.L	41966	83	C8H24O4Si4	296
Benzene, 1-phenyl-4-(2-cyano-2-phenyleth	27869-56-3	NBS75K.L	39643	50	C21H15N	281
3,6-Bis(N-dimethylamino)-9-ethylcarbazol	57103-04-5	NBS75K.L	39624	33	C18H23N3	281









STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13568.D
Lab Smp Id: DNCJL1AG Client Smp ID: D13568
Inj Date : 30-OCT-2000 06:57
Operator : AD Inst ID: md.i
Smp Info : DNCJL1AG,,2,,0,1,0,8260BDA.M,D13568
Misc Info : E0J180165-26,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.977	5.971	(0.843)	1225079	49.4602	49.46
$ 33 1,2-Dichloroethane-d4	65	6.519	6.493	(0.919)	762554	42.2267	42.23
34 1,2-Dichloroethane-d4 2nd	102	6.509	6.503	(0.918)	188409	48.2428	48.24
36 1,2-Dichloroethane	62	7.090	6.631	(1.000)	32179	1.60449	1.60(aQ)
* 38 Fluorobenzene	96	7.090	7.074	(1.000)	2095045	50.0000	
$ 47 Toluene-d8	98	9.898	9.902	(0.786)	2006253	48.2795	48.28
* 56 Chlorobenzene-d5	117	12.588	12.582	(1.000)	1757746	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.923	14.917	(0.866)	953791	45.6496	45.65
$ 67 4-Bromofluorobenzene	95	14.933	14.936	(0.866)	1448825	41.8182	41.82
* 79 1,4-Dichlorobenzene-d4	152	17.238	17.232	(1.000)	1109125	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029BD.B\D13568.D
Lab Smp Id: DNCJL1AG Client Smp ID: D13568
Inj Date : 30-OCT-2000 06:57
Operator : AD Inst ID: md.i
Smp Info : DNCJL1AG,,2,,0,1,0,8260BDA.M,D13568
Misc Info : E0J180165-26,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029BD.B\8260BDA.m
Meth Date : 29-Oct-2000 21:04 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.090	4882206	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.327	1287803	13.1887354	13.19	0		0	38

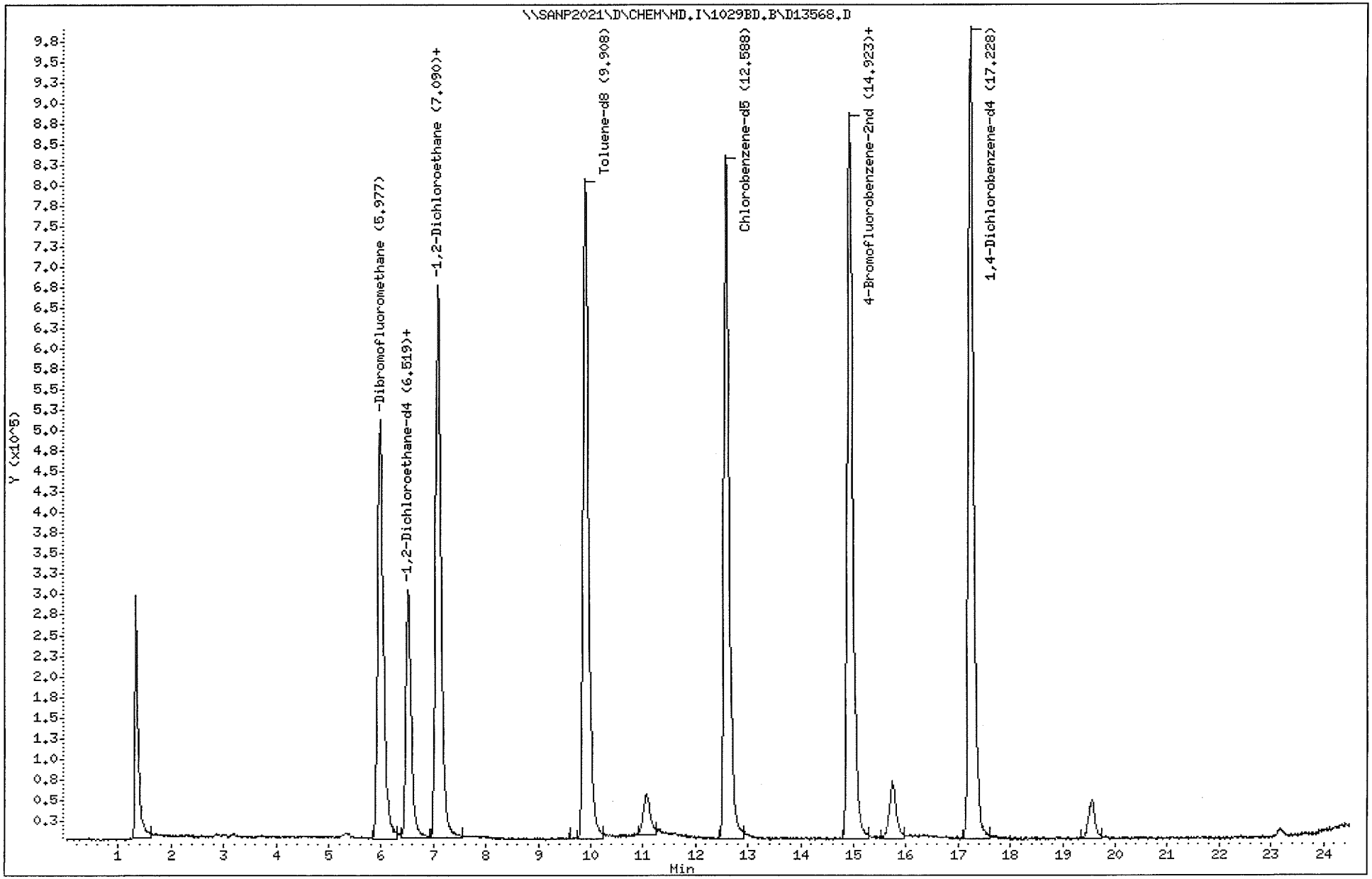
Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13568.D
Date : 30-OCT-2000 06:57
Client ID: D13568
Sample Info: DNCJL1AG,,2,,0,1,0,8260BDA.M,D13568

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0175767

Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13568.D

Date : 30-OCT-2000 06:57

Client ID: D13568

Instrument: md.i

Sample Info: DNCJL1AG,,2,,0,1,0,8260BDA.M,D13568

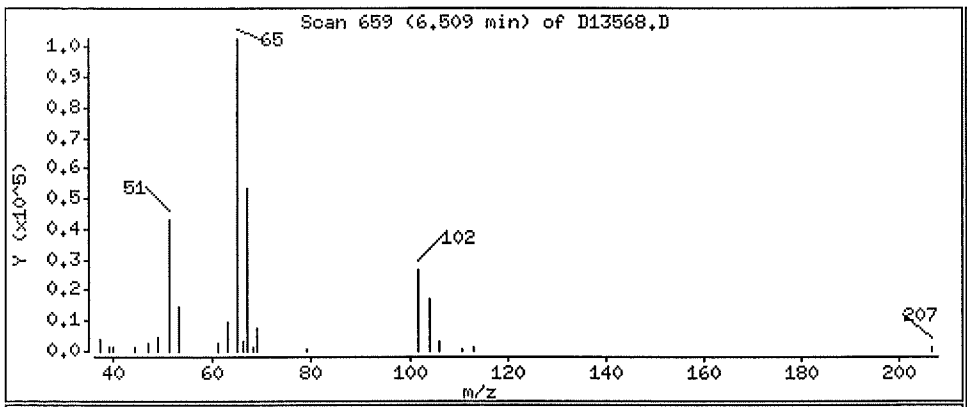
Operator: AD

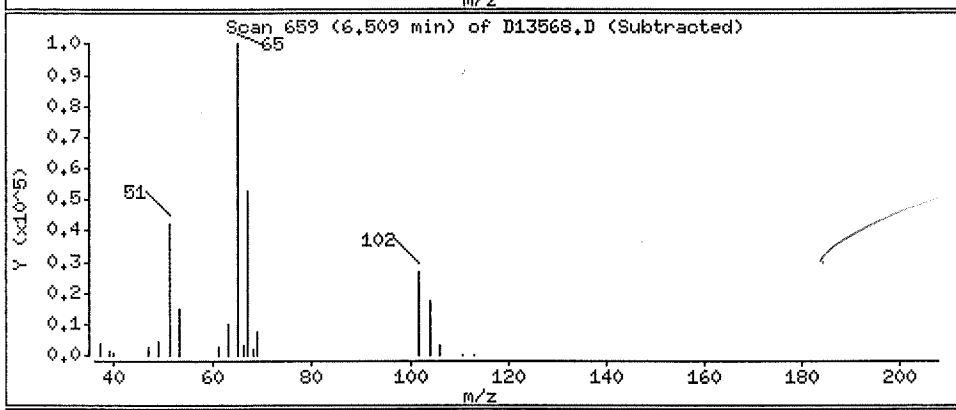
Column phase: J&W DB-624

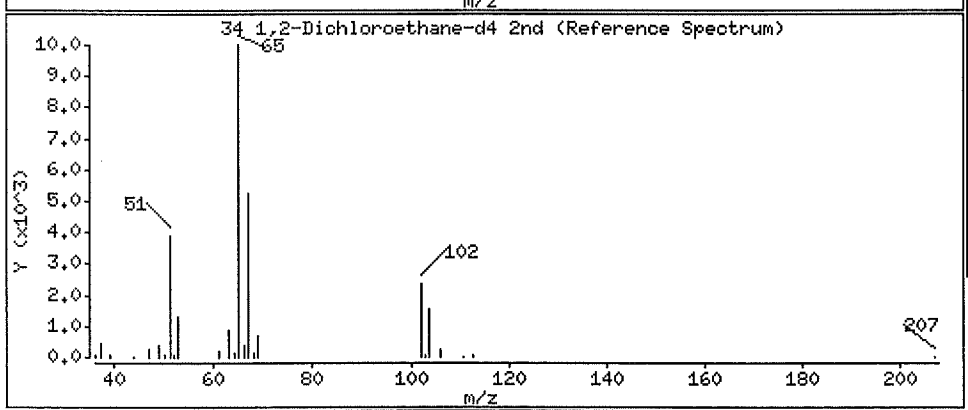
Column diameter: 0.53

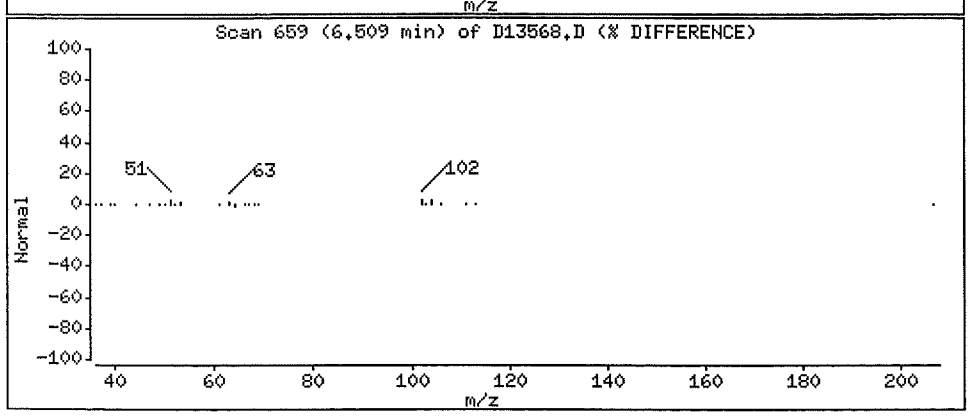
34 1,2-Dichloroethane-d4 2nd

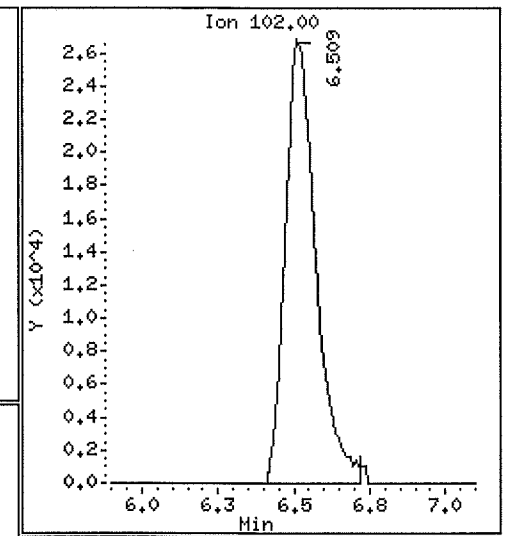
Concentration: 48.24 ug/Kg

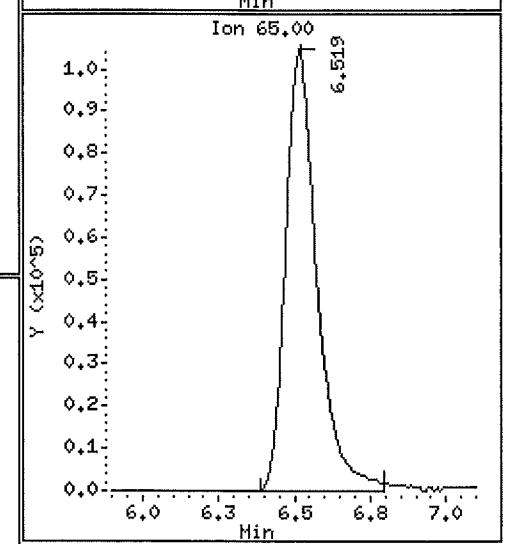












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13568.D

Date : 30-OCT-2000 06:57

Client ID: D13568

Instrument: md.i

Sample Info: DNCJL1AG,,2,,0,1,0,8260BDA.M,D13568

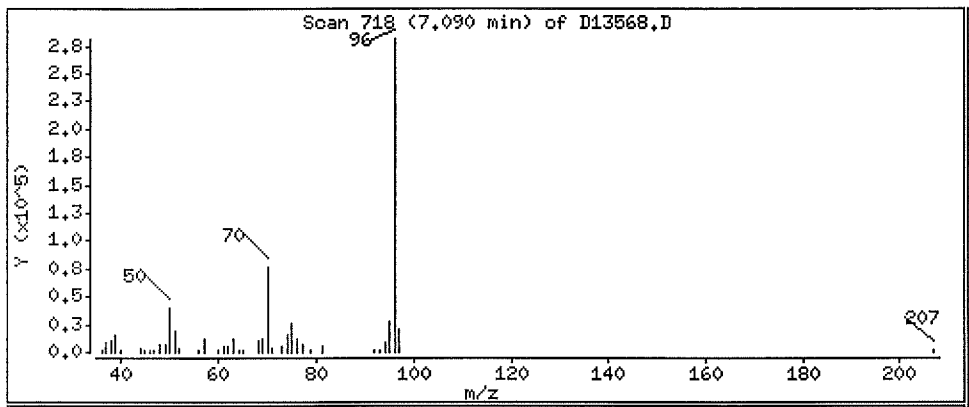
Operator: AD

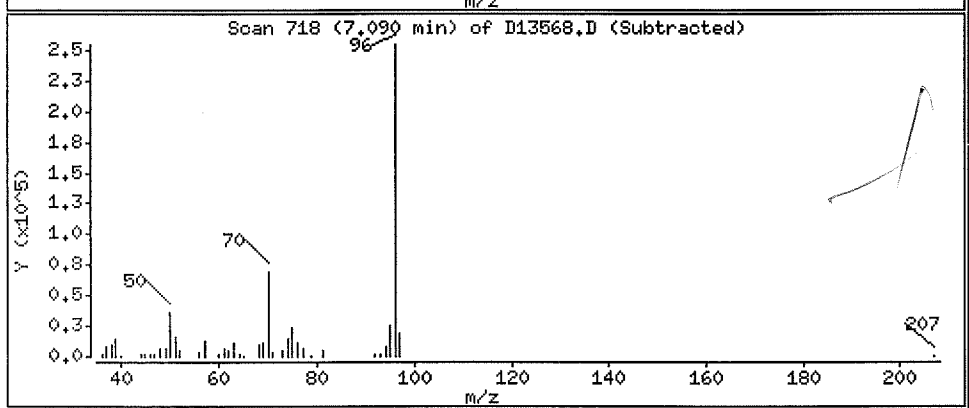
Column phase: J&W DB-624

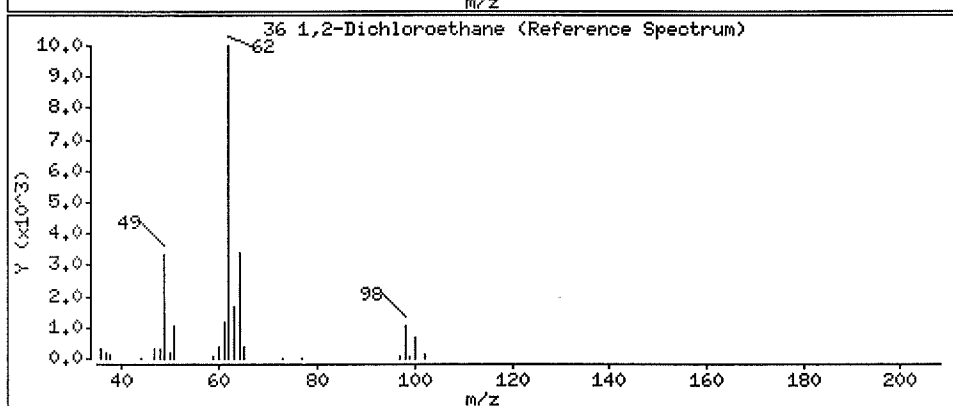
Column diameter: 0.53

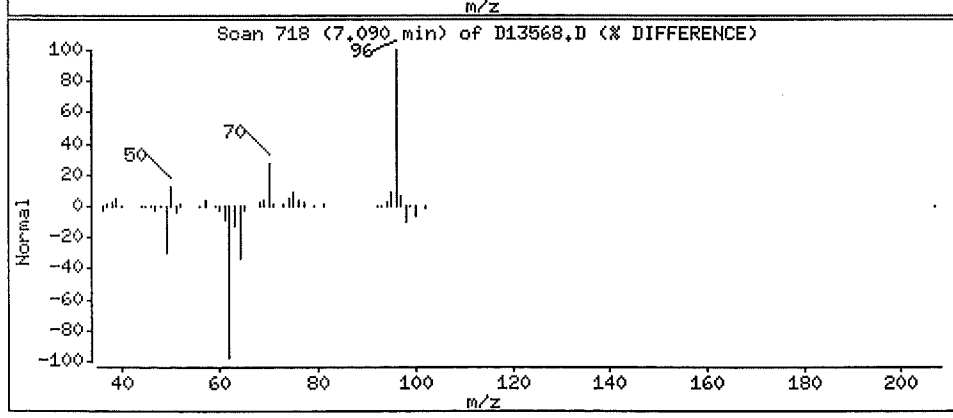
36 1,2-Dichloroethane

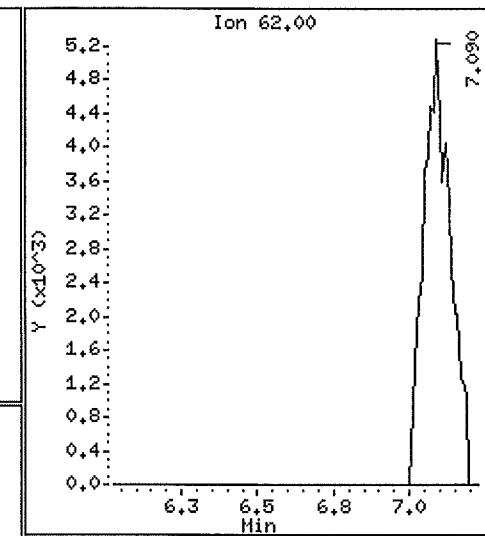
Concentration: 1.60 ug/Kg

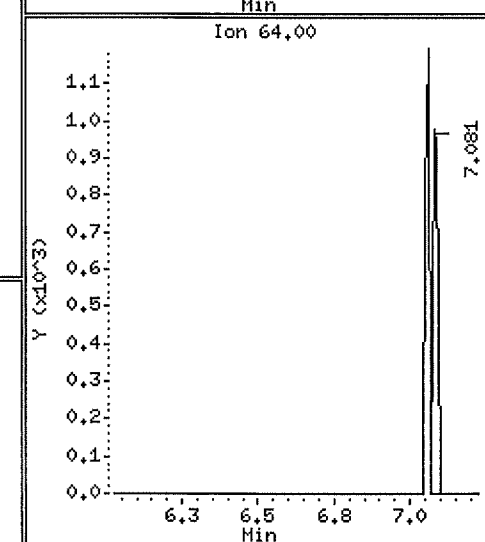


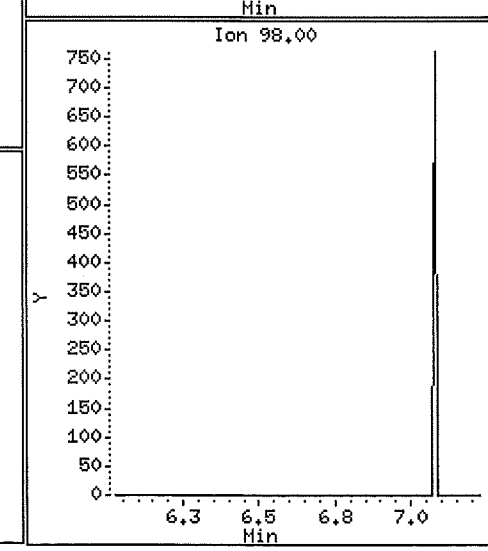












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13568.D

Date : 30-OCT-2000 06:57

Client ID: D13568

Instrument: md.i

Sample Info: DNCJL1AG,,2,,0,1,0,8260BDA.M,D13568

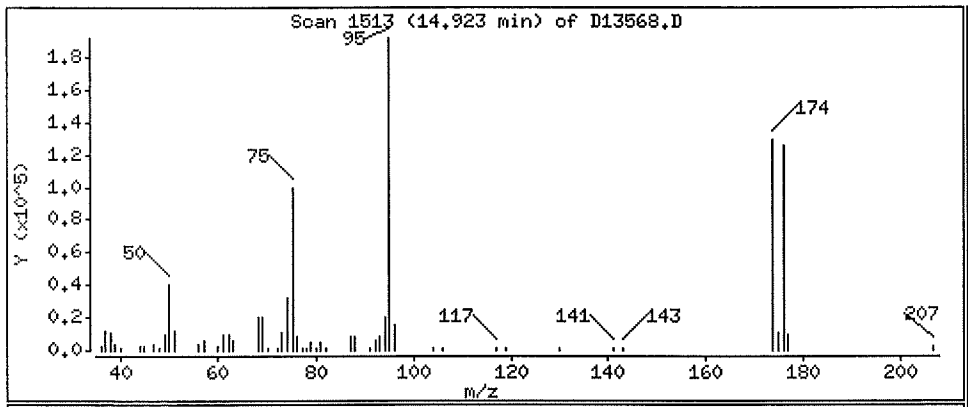
Operator: AD

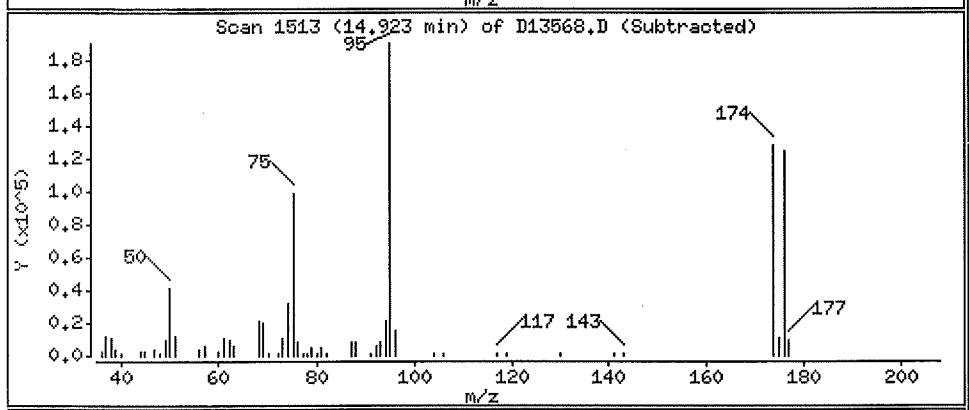
Column phase: J&W DB-624

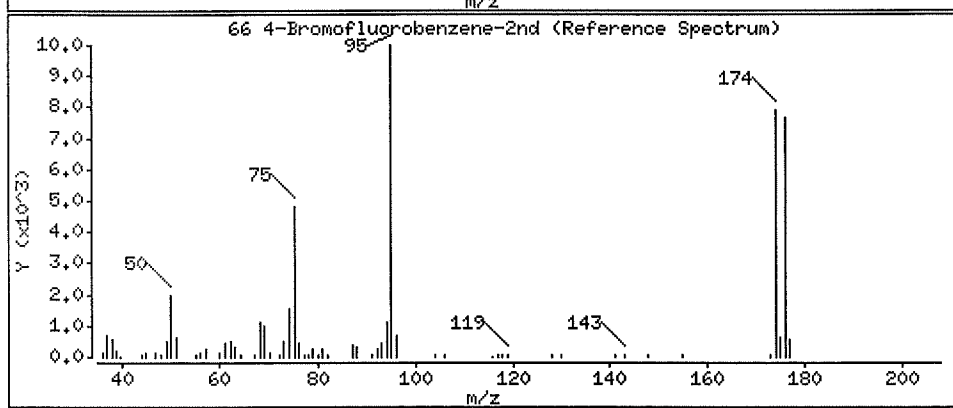
Column diameter: 0.53

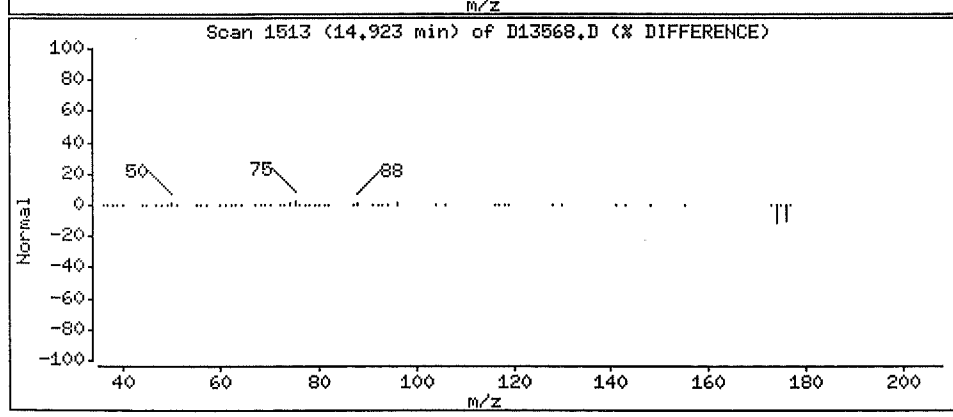
66 4-Bromofluorobenzene-2nd

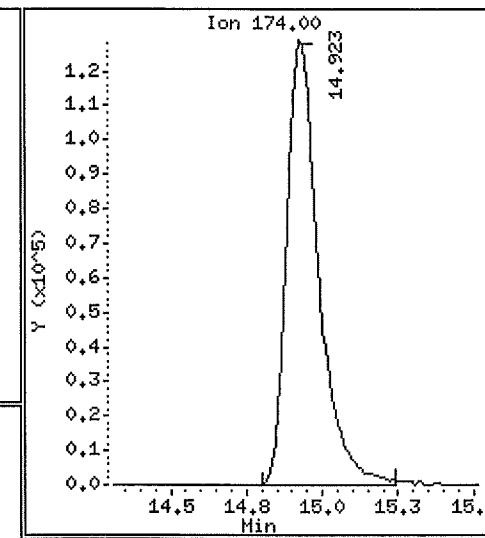
Concentration: 45.65 ug/Kg

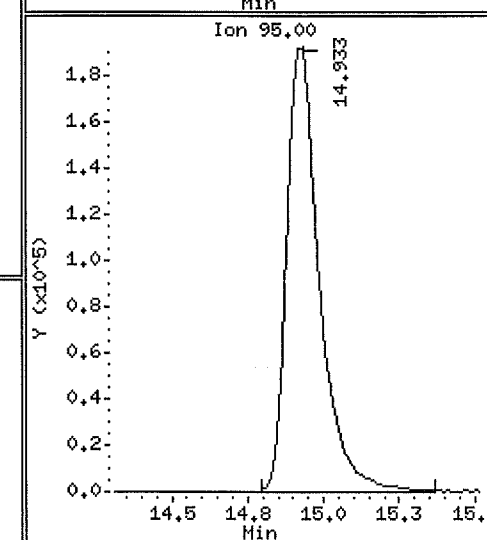


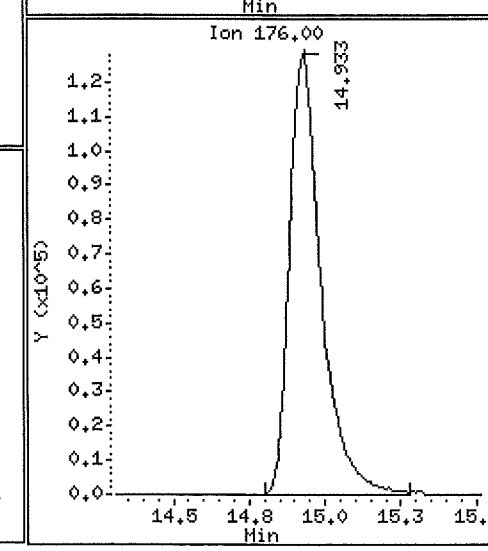












Data File: \\SANP2021\D\CHEM\MD.I\1029BD.B\D13568.D

Date : 30-OCT-2000 06:57

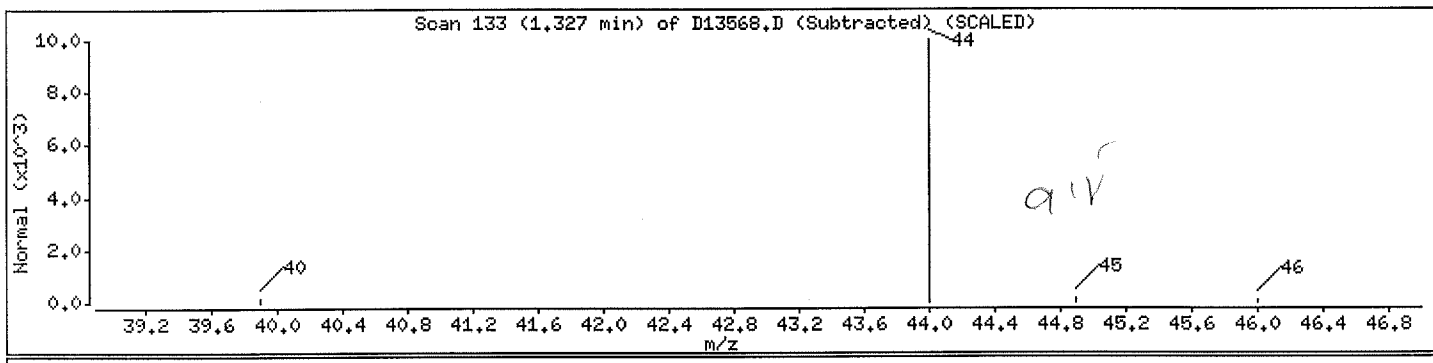
Client ID: D13568 Instrument: md.i

Sample Info: DNCJL1AG,,2,,0,1,0,8260BDA.M,D13568

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



8260B SAMPLE / QC DATA

DATE ANALYZED: 103000

INSTRUMENT ID: MSD

SAMPLES: EO3180165 - 27, 28, 29

STL Los Angeles

FJK 11/3/00

GC/MS VOA Run Log

Batch ID: 0305325

☐ EPA 524.2 ☐ EPA 624 ☐ SW8260B [SOP: CORP-MS-0002 Rev 2] ☐ 5030B ☐ 5035

Inst ID: MSD | EM Set: 1659 | Tune File: BFB | Seq File: 1030AD | Date: 10-30-00

Init. Cal ID: 8260 BDA 10-24-00

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
7:37	GFB	DT 1611	50ng BFB	—	—	1ul	—	—	✓			1265-2
7:53		DS 2600	50ppb 8260B STD	1	S	5g	1	212	✓			1279-1; 78-1; 84-1
8:36		D13569	LCS 1030AD	2				231	✓			1282-1
9:07		70	MB 1030AD	3				224	✓			
9:39		71	DNCJN1AA	4				222	✓			EQ180165-27
10:10		72	DNCJT1AA	5				222	✓			-28
10:41		73	DNCGC1AF	6				227	✓			-29
11:13		74	DND2E1AE	7				215	✓			EQ180363-1
11:44		75	DND2F1AE	8				218	✓			-2
12:15		76	DND2G1AE	9				220	✓			-3
12:46		77	DND2E1AF S	10				218	✓			-1 S 1282-1
13:18		78	DND2E1AG D	11				219	✓			-1 D ↓
13:49		79	DND2H1AD	12				219	✓			-4
14:20		80	DND2K1AF	13				223	✓			-5
14:51		81	DND2L1AD	14				220	✓			-6 *
15:22		82	DND2M1AG	15				222	✓			-7 •
15:53		83	DND2N1AE	16				216	✓			-8
16:25		84	DND2P1AD	17				202	✓			-9
16:56		85	DND2R1AE	18				206	✓			-10 *
17:27		86	DND2T1AD	19				204	✓			-11 •
17:58		87	DND2V1AE	20				204	✓			-12
18:29		88	DND2X1AF	21				207	✓			-13
19:00		89	DND21AD	22				208	✓			-14

000742

G:\FORMS\Run Log\MSV Runlog.DOC

Version 01/04/99

BOE-C6-0175773

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA86601

Lab File ID (Standard): DS2600 Date Analyzed: 10/30/00

Instrument ID: MD Time Analyzed: 0753

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	2442891	7.09	1953633	12.60	1250711	17.24
	UPPER LIMIT	4885782	7.59	3907266	13.10	2501422	17.74
	LOWER LIMIT	1221446	6.59	976817	12.10	625356	16.74
	EPA SAMPLE NO.						
01	D13569	2424649	7.09	1943037	12.60	1252491	17.25
02	D13570	2311260	7.10	1931489	12.60	1228740	17.24
03	D13571	2214152	7.07	1838632	12.59	1082869	17.24
04	D13572	2229588	7.09	1868067	12.60	1166120	17.23
05	D13573	2273953	7.07	1930679	12.59	1211965	17.23
06	D13574	2156692	7.08	1804183	12.59	1136379	17.23
07	D13575	2182795	7.08	1831275	12.59	1152360	17.24
08	D13576	2208176	7.09	1887657	12.59	1194793	17.24
09	D13577	2160705	7.09	1765796	12.58	1147099	17.23
10	D13578	2191872	7.08	1785352	12.59	1152124	17.23
11	D13579	2196483	7.10	1856344	12.58	1117542	17.23
12	D13580	2237325	7.07	1875053	12.59	1154528	17.24
13	D13581	2204575	7.08	1893212	12.60	1208217	17.24
14	D13582	2225077	7.08	1906264	12.60	1213630	17.24
15	D13583	2169913	7.08	1864398	12.60	1199101	17.25
16	D13584	2020289	7.08	1695418	12.59	1088573	17.23
17	D13585	2063252	7.09	1745774	12.59	1099041	17.23
18	D13586	2047589	7.08	1752286	12.60	1107002	17.23
19	D13587	2046045	7.08	1771108	12.59	1116286	17.24
20	D13588	2078731	7.08	1799208	12.60	1125270	17.24
21	D13589	2088187	7.08	1765534	12.60	1108879	17.25
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA

1/87 Rev.

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1030AD.B\DT1611.D
Lab Smp Id:
Inj Date : 30-OCT-2000 07:37
Operator : GFB
Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1265-2,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1030AD.B\BFB.M
Meth Date : 11-Jul-2000 09:15
Quant Type: ISTD
Cal Date :
Cal File:
Als bottle: 2
QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: all.sub
Target Version: 4.00
Sample Matrix: WATER
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

BM 10/30/2000

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
1.7599	1.8000	(0.000)	95	112989			0.00- 100.00	100.00
1.7599	1.8000	(0.000)	50	21112			15.00- 40.00	18.69
1.7599	1.8000	(0.000)	75	54112			30.00- 60.00	47.89
1.7599	1.8000	(0.000)	96	8017			5.00- 9.00	7.10
1.7599	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7599	1.8000	(0.000)	174	76853			50.00- 0.00	68.02
1.7599	1.8000	(0.000)	175	6135			5.00- 9.00	7.98
1.7599	1.8000	(0.000)	176	76725			95.00- 101.00	99.83
1.7599	1.8000	(0.000)	177	5741			5.00- 9.00	7.48

Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\DT1611.D

Date : 30-OCT-2000 07:37

Client ID:

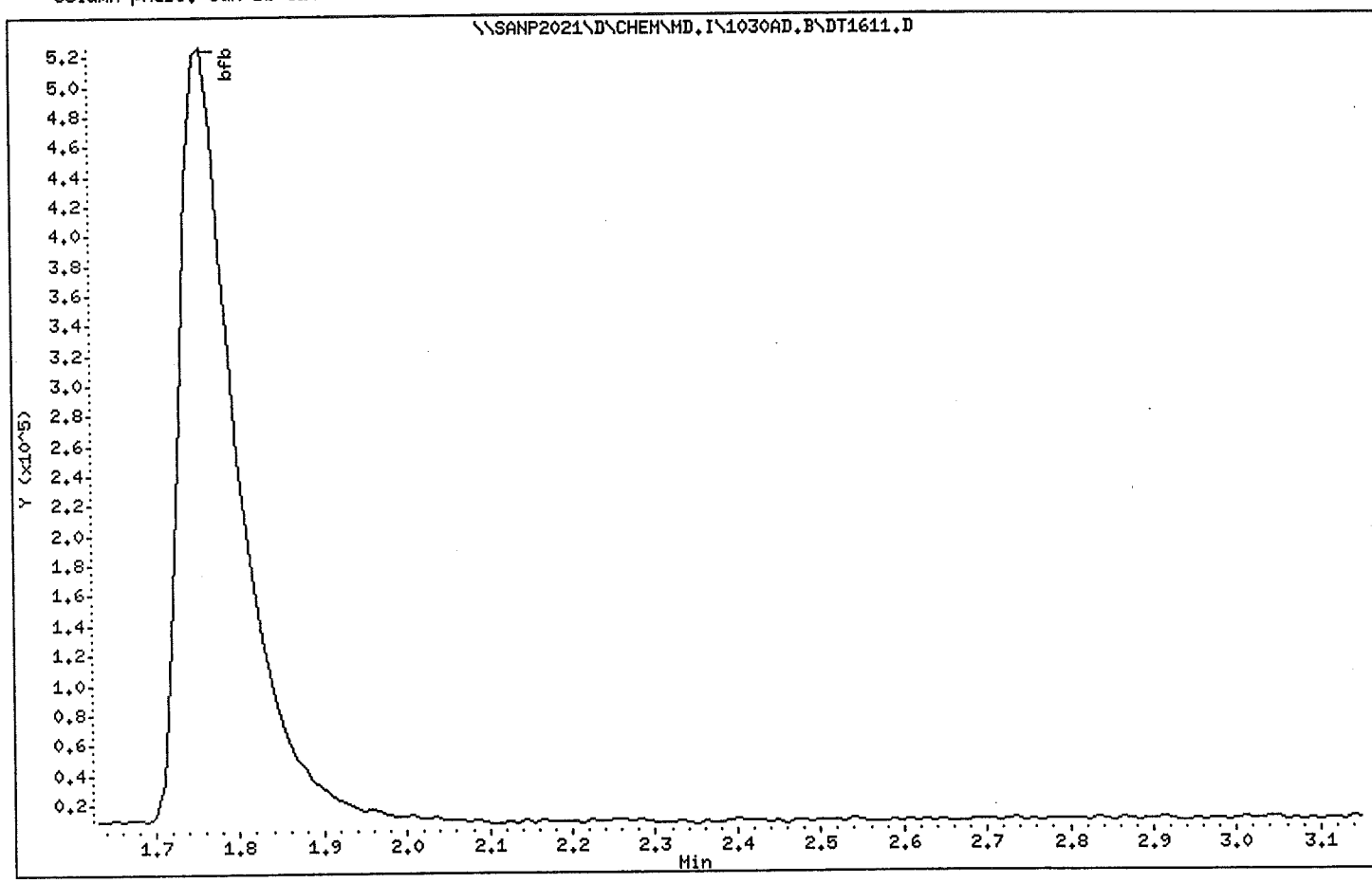
Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\DT1611.D

Date : 30-OCT-2000 07:37

Client ID:

Instrument: md.i

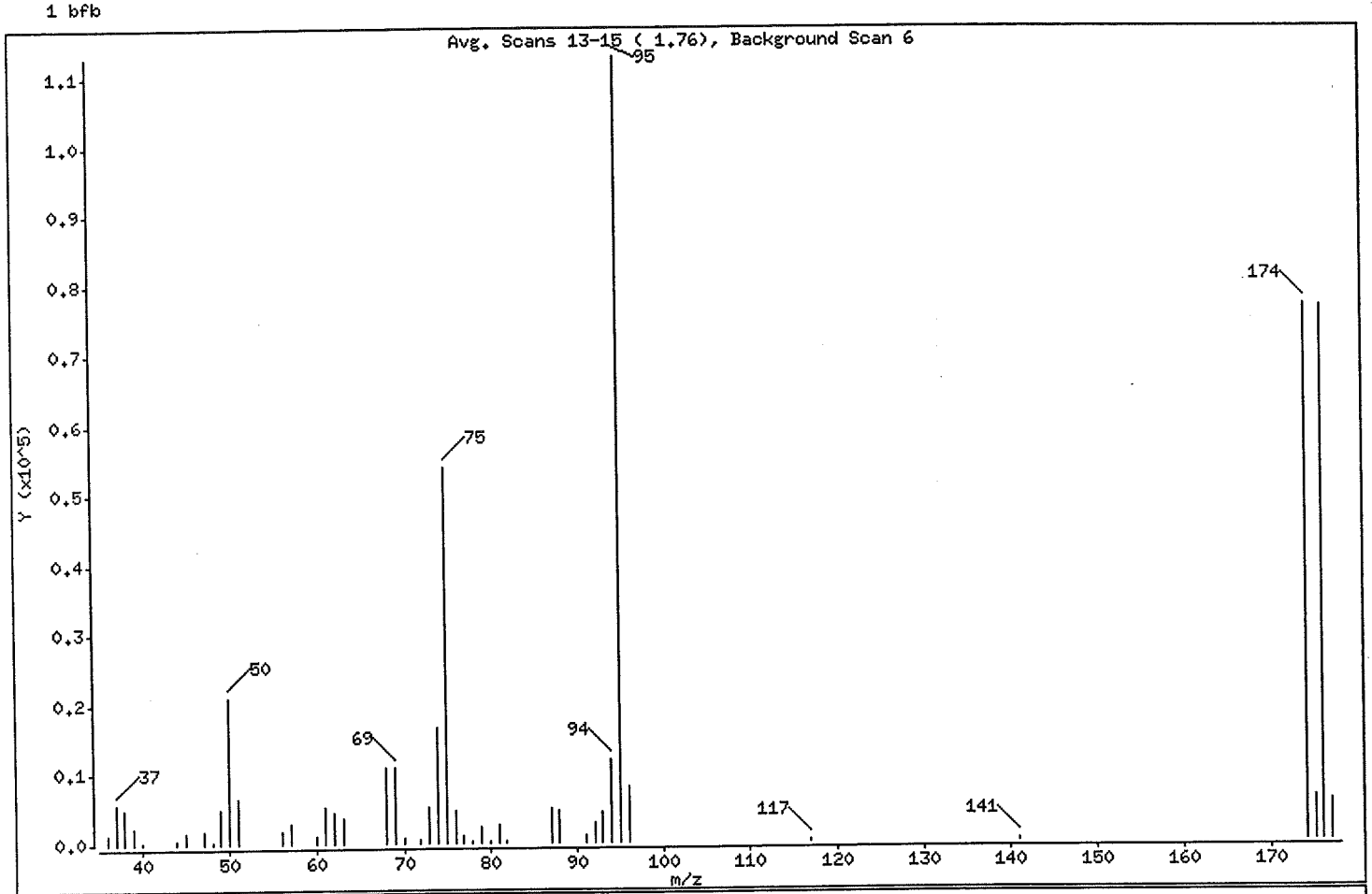
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.69
75	30.00 - 60.00% of mass 95	47.89
96	5.00 - 9.00% of mass 95	7.10
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	68.02
175	5.00 - 9.00% of mass 174	5.43 (7.98)
176	95.00 - 101.00% of mass 174	67.90 (99.83)
177	5.00 - 9.00% of mass 176	5.08 (7.48)

Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\DT1611.D

Date : 30-OCT-2000 07:37

Client ID:

Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1611.D
Spectrum: Avg. Scans 13-15 (1.76), Background Scan 6
Location of Maximum: 95.00
Number of points: 46

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1359	56.00	1816	75.00	54112	93.00	4320
37.00	5772	57.00	2909	76.00	4753	94.00	11950
38.00	4869	60.00	1168	77.00	1114	95.00	112984
39.00	2223	61.00	5316	78.00	291	96.00	8017
40.00	310	62.00	4437	79.00	2438	117.00	250
44.00	428	63.00	3560	80.00	350	141.00	267
45.00	1517	68.00	10799	81.00	2641	174.00	76848
47.00	1734	69.00	10835	82.00	264	175.00	6135
48.00	312	70.00	774	87.00	4996	176.00	76720
49.00	4868	72.00	537	88.00	4566	177.00	5741
50.00	21112	73.00	5096	91.00	988		
51.00	6567	74.00	16712	92.00	2786		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2600.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m

Injection Date: 30-OCT-2000 07:53
Init. Cal. Date(s): 24-OCT-2000 24-OCT-2000
Init. Cal. Times: 12:13 14:20

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	1 Dichlorodifluoromethane	0.35932	0.40442	0.010	12.6	50.0
	2 Vinyl chloride (*)	0.24059	0.27095	0.010	12.6	20.0
	3 Chloromethane (**)	0.27602	0.25440	0.100	-7.8	50.0
	4 Bromomethane	0.15127	0.18663	0.010	23.4	50.0
	5 Chloroethane	0.12884	0.17026	0.010	32.2	50.0
	6 Trichlorofluoromethane	0.53680	0.66840	0.010	24.5	50.0
	7 Acrolein	0.01768	0.01678	0.001	-5.1	50.0
	8 1,1-Dichloroethene(*)	0.24399	0.22816	0.010	-6.5	20.0
	9 1,1,2-Trichlorotrifluoroeth	0.30468	0.29776	0.010	-2.3	50.0
	10 Acetone	0.06482	0.05860	0.010	-9.6	50.0
	11 Iodomethane	0.27257	0.33324	0.001	22.3	50.0
	12 Carbon disulfide	0.54902	0.50482	0.010	-8.1	50.0
	13 Methylene chloride	0.27188	0.27691	0.010	1.8	50.0
	14 t-Butanol	0.00651	0.00570	0.001	-12.6	20.0
	15 trans-1,2-Dichloroethene	0.28525	0.28532	0.010	0.0	50.0
	16 Acrylonitrile	0.05231	0.05551	0.001	6.1	20.0
	17 Methyl-tert-butyl ether[MTB	0.71954	0.68933	0.010	-4.2	50.0
	18 1,1-Dichloroethane (**)	0.54274	0.54743	0.100	0.9	50.0
	19 Vinyl acetate	0.79238	0.72983	0.010	-7.9	50.0
	20 Isopropyl ether	1.13268	1.02923	0.010	-9.1	20.0
	21 2,2-Dichloropropane	0.53598	0.51337	0.010	-4.2	50.0
	22 Tert-butyl ethyl ether	0.98904	0.91340	0.010	-7.6	20.0
	23 cis-1,2-Dichloroethene	0.30423	0.32376	0.010	6.4	50.0
	24 2-Butanone	0.11740	0.11297	0.010	-3.8	50.0
	25 Bromochloromethane	0.18007	0.20493	0.010	13.8	50.0
	26 Chloroform (*)	0.69643	0.71639	0.010	2.9	20.0
	27 Tetrahydrofuran	0.09862	0.09129	0.010	-7.4	50.0
M	28 1,2-Dichloroethene (total)	0.29474	0.30454	0.010	3.3	50.0
$	29 Dibromofluoromethane	0.59113	0.62598	0.010	5.9	50.0
	30 1,1,1-Trichloroethane	0.62645	0.63877	0.010	2.0	50.0
	31 Carbon Tetrachloride	0.57812	0.59027	0.010	2.1	50.0
	32 1,1-Dichloropropene	0.53688	0.53301	0.010	-0.7	50.0
$	33 1,2-Dichloroethane-d4	0.43098	0.39150	0.010	-9.2	50.0
	34 1,2-Dichloroethane-d4 2nd	0.09321	0.10070	0.010	8.0	50.0
	35 Benzene	0.89846	0.92632	0.010	3.1	50.0

10-31-00

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2600.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m

Injection Date: 30-OCT-2000 07:53
Init. Cal. Date(s): 24-OCT-2000 24-OCT-2000
Init. Cal. Times: 12:13 14:20

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	36 1,2-Dichloroethane	0.47865	0.45388	0.010	-5.2	50.0
	37 Tert-amyl methyl ether	0.96596	0.89082	0.010	-7.8	20.0
	39 Trichloroethene	0.39012	0.43805	0.010	12.3	50.0
	40 1,2-Dichloropropane(*)	0.40033	0.39274	0.010	-1.9	20.0
	41 Dibromomethane	0.33551	0.33367	0.010	-0.5	50.0
	42 Bromodichloromethane	0.68558	0.69326	0.010	1.1	50.0
	43 1-Bromo-2-chloroethane	0.62726	0.56104	0.010	-10.6	50.0
	44 2-Chloroethylvinyl ether	0.05840	0.06208	0.010	6.3	20.0
	45 cis-1,3-Dichloropropene	0.59057	0.58394	0.010	-1.1	50.0
	46 4-Methyl-2-pentanone	0.36909	0.34965	0.010	-5.3	50.0
$	47 Toluene-d8	1.18205	1.21177	0.010	2.5	50.0
	48 Toluene (*)	1.31962	1.35234	0.010	2.5	20.0
	49 trans-1,3-Dichloropropene	0.65186	0.63290	0.010	-2.9	50.0
	50 1,1,2-Trichloroethane	0.45747	0.46280	0.010	1.2	50.0
	51 Tetrachloroethene	0.45939	0.50816	0.010	10.6	50.0
	52 1,3-Dichloropropane	0.76925	0.75558	0.010	-1.8	50.0
	53 2-Hexanone	0.34052	0.30795	0.010	-9.6	50.0
	54 Dibromochloromethane	0.70662	0.70917	0.010	0.4	50.0
	55 1,2-Dibromoethane	0.63968	0.64328	0.010	0.6	50.0
	57 Chlorobenzene (**)	1.01584	1.07588	0.300	5.9	50.0
	58 1,1,1,2-Tetrachloroethane	0.53293	0.56161	0.010	5.4	50.0
	59 Ethylbenzene (*)	0.48544	0.50871	0.010	4.8	20.0
	60 m,p-Xylenes	0.59890	0.64298	0.010	7.4	50.0
	61 o-Xylene	0.59580	0.61742	0.010	3.6	50.0
	62 Styrene	0.95410	1.01261	0.010	6.1	50.0
M	63 Xylenes (total)	0.59787	0.63446	0.010	6.1	50.0
	64 Bromoform (**)	0.52838	0.55934	0.100	5.9	50.0
	65 Isopropylbenzene	1.76913	1.87106	0.010	5.8	50.0
	66 4-Bromofluorobenzene-2nd	0.94190	0.92201	0.010	-2.1	50.0
$	67 4-Bromofluorobenzene	1.56185	1.39669	0.010	-10.6	50.0
	68 Bromobenzene	0.88483	0.90896	0.010	2.7	50.0
	69 1,1,2,2-Tetrachloroethane(*	1.25607	1.14718	0.300	-8.7	50.0
	70 1,2,3-Trichloropropane	0.35090	0.34394	0.010	-2.0	50.0
	71 n-Propylbenzene	3.24826	3.08467	0.010	-5.0	50.0
	72 2-Chlorotoluene	0.69859	0.69854	0.010	-0.0	50.0
	73 4-Chlorotoluene	0.73473	0.73554	0.010	0.1	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 30-OCT-2000 07:53
Lab File ID: DS2600.D Init. Cal. Date(s): 24-OCT-2000 24-OCT-2000
Analysis Type: SOIL Init. Cal. Times: 12:13 14:20
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.46442	2.40563	0.010	-2.4	50.0
75 tert-Butylbenzene	2.52551	2.52443	0.010	-0.0	50.0
76 1,2,4-Trimethylbenzene	2.47398	2.44344	0.010	-1.2	50.0
77 sec-Butylbenzene	3.37956	3.38560	0.010	0.2	50.0
78 1,3-Dichlorobenzene	1.48278	1.54211	0.010	4.0	50.0
80 1,4-Dichlorobenzene	1.57159	1.64056	0.010	4.4	50.0
81 p-Isopropyltoluene	2.62904	2.67021	0.010	1.6	50.0
82 1,2-Dichlorobenzene	1.42843	1.45934	0.010	2.2	50.0
83 n-Butylbenzene	2.66820	2.70361	0.010	1.3	50.0
84 1,2-Dibromo-3-chloropropane	0.33197	0.32245	0.010	-2.9	50.0
85 1,2,4-Trichlorobenzene	1.13411	1.20851	0.010	6.6	50.0
86 Hexachlorobutadiene	0.61891	0.76348	0.010	23.4	50.0
87 Napthalene	2.14822	2.13753	0.010	-0.5	50.0
88 1,2,3-Trichlorobenzene	1.04576	1.10169	0.010	5.3	50.0

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2600.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m
Misc Info: 1279-1;78-1;84-1,,5,,2,all.SUB

Calibration Date: 30-OCT-2000
Calibration Time: 07:53

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2442891	1221446	4885782	2442891	0.00
56 Chlorobenzene-d5	1953633	976817	3907266	1953633	0.00
79 1,4-Dichlorobenze	1250711	625356	2501422	1250711	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.09	0.00
56 Chlorobenzene-d5	12.60	12.10	13.10	12.60	0.00
79 1,4-Dichlorobenze	17.24	16.74	17.74	17.24	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1030AD.B/DS2600.D
Inj. Date : 30-OCT-2000 07:53

ICAL Mid Point : //SANP2021/D/chem/md.i/1024AD.B/DS2581.D
Inj. Date : 24-OCT-2000 13:16

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.09	7.09	-0.00	2508747	2442891	97.4%
Chlorobenzene-d5	12.60	12.60	0.01	1950718	1953633	100.1%
1,4-Dichlorobenzene-d4	17.24	17.24	0.01	1222973	1250711	102.3%

8260B Area difference criteria: 50%-200%

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1030AD.B\DS2600.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 30-OCT-2000 07:53
Operator : GFB Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1279-1;78-1;84-1,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m
Meth Date : 30-Oct-2000 08:18 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.466	1.466	(0.207)	987961	50.0000	56.28
2 Vinyl chloride (*)	62	1.712	1.712	(0.241)	661893	50.0000	56.31
3 Chloromethane (**)	50	1.634	1.634	(0.230)	621479	50.0000	46.08
4 Bromomethane	94	1.988	1.988	(0.280)	455910	50.0000	61.68
5 Chloroethane	64	2.077	2.077	(0.293)	415927	50.0000	66.08
6 Trichlorofluoromethane	101	2.304	2.304	(0.325)	1632825	50.0000	62.26
7 Acrolein	56	2.708	2.708	(0.382)	409986	500.000	474.6(AQ)
8 1,1-Dichloroethene(*)	96	2.796	2.796	(0.394)	557372	50.0000	46.76
9 1,1,2-Trichlorotrifluoroethan	151	2.806	2.806	(0.396)	727402	50.0000	48.86
10 Acetone	43	2.875	2.875	(0.405)	715732	250.000	226.0(Q)
11 Iodomethane	142	2.954	2.954	(0.417)	1628143	100.000	122.2(A)
12 Carbon disulfide	76	3.013	3.013	(0.425)	1233214	50.0000	45.97
13 Methylene chloride	84	3.338	3.338	(0.471)	676449	50.0000	50.92
14 t-Butanol	59	3.584	3.584	(0.505)	347806	1250.00	1093

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	ON-COL (ug/Kg)
15 trans-1,2-Dichloroethene	96	3.673	3.673	(0.518)	697014	50.0000	50.01
16 Acrylonitrile	53	3.663	3.663	(0.517)	1356122	500.000	530.6(AQ)
17 Methyl-tert-butyl ether[MTBE]	73	3.722	3.722	(0.525)	1683951	50.0000	47.90
18 1,1-Dichloroethane (**)	63	4.264	4.264	(0.601)	1337308	50.0000	50.43
19 Vinyl acetate	43	4.402	4.402	(0.621)	3565771	100.000	92.10
20 Isopropyl ether	45	4.432	4.432	(0.625)	2514290	50.0000	45.43
21 2,2-Dichloropropane	77	5.161	5.161	(0.728)	1254111	50.0000	47.89
22 Tert-butyl ethyl ether	59	5.003	5.003	(0.705)	2231339	50.0000	46.18
23 cis-1,2-Dichloroethene	96	5.171	5.171	(0.729)	790904	50.0000	53.21
24 2-Butanone	43	5.259	5.259	(0.742)	1379856	250.000	240.6
25 Bromochloromethane	128	5.555	5.555	(0.783)	500621	50.0000	56.90
26 Chloroform (*)	83	5.722	5.722	(0.807)	1750054	50.0000	51.43
27 Tetrahydrofuran	42	5.663	5.663	(0.799)	223009	50.0000	46.28
M 28 1,2-Dichloroethene (total)	100				1487919	100.000	103.2
$ 29 Dibromofluoromethane	111	5.979	5.979	(0.843)	1529207	50.0000	52.95
30 1,1,1-Trichloroethane	97	5.969	5.969	(0.842)	1560447	50.0000	50.98
31 Carbon Tetrachloride	117	6.235	6.235	(0.879)	1441956	50.0000	51.05
32 1,1-Dichloropropene	75	6.254	6.254	(0.882)	1302087	50.0000	49.64
$ 33 1,2-Dichloroethane-d4	65	6.520	6.520	(0.919)	956394	50.0000	45.42
34 1,2-Dichloroethane-d4 2nd	102	6.511	6.511	(0.918)	246007	50.0000	54.02
35 Benzene	78	6.589	6.589	(0.929)	2262890	50.0000	51.55
36 1,2-Dichloroethane	62	6.648	6.648	(0.937)	1108783	50.0000	47.41
37 Tert-amyl methyl ether	73	6.885	6.885	(0.971)	2176182	50.0000	46.11
* 38 Fluorobenzene	96	7.092	7.092	(1.000)	2442891	50.0000	
39 Trichloroethene	130	7.732	7.732	(1.090)	1070109	50.0000	56.14
40 1,2-Dichloropropane(*)	63	8.107	8.107	(1.143)	959414	50.0000	49.05
41 Dibromomethane	93	8.313	8.313	(1.172)	815108	50.0000	49.72
42 Bromodichloromethane	83	8.639	8.639	(1.218)	1693569	50.0000	50.56
43 1-Bromo-2-chloroethane	63	9.151	9.151	(1.290)	1370549	50.0000	44.72
44 2-Chloroethylvinyl ether	106	9.249	9.249	(1.304)	303311	100.000	106.3(A)
45 cis-1,3-Dichloropropene	75	9.447	9.447	(1.332)	1426502	50.0000	49.44
46 4-Methyl-2-pentanone	43	9.791	9.791	(1.381)	4270783	250.000	236.8
$ 47 Toluene-d8	98	9.900	9.900	(0.786)	2367353	50.0000	51.26
48 Toluene (*)	91	10.028	10.028	(0.796)	2641983	50.0000	51.24
49 trans-1,3-Dichloropropene	75	10.501	10.501	(0.833)	1236449	50.0000	48.54
50 1,1,2-Trichloroethane	97	10.816	10.816	(0.858)	904133	50.0000	50.58
51 Tetrachloroethene	164	11.023	11.023	(0.875)	992767	50.0000	55.31
52 1,3-Dichloropropane	76	11.111	11.111	(0.882)	1476129	50.0000	49.11
53 2-Hexanone	43	11.358	11.358	(0.901)	3008125	250.000	226.1
54 Dibromochloromethane	129	11.535	11.535	(0.916)	1385461	50.0000	50.18
55 1,2-Dibromoethane	107	11.683	11.683	(0.927)	1256729	50.0000	50.28
* 56 Chlorobenzene-d5	117	12.599	12.599	(1.000)	1953633	50.0000	
57 Chlorobenzene (**)	112	12.648	12.648	(1.004)	2101868	50.0000	52.95
58 1,1,1,2-Tetrachloroethane	131	12.845	12.845	(1.020)	1097170	50.0000	52.69
59 Ethylbenzene (*)	106	12.905	12.905	(1.024)	993830	50.0000	52.40
60 m,p-Xylenes	106	13.151	13.151	(1.044)	2512283	100.000	107.4
61 o-Xylene	106	13.900	13.900	(1.103)	1206214	50.0000	51.81

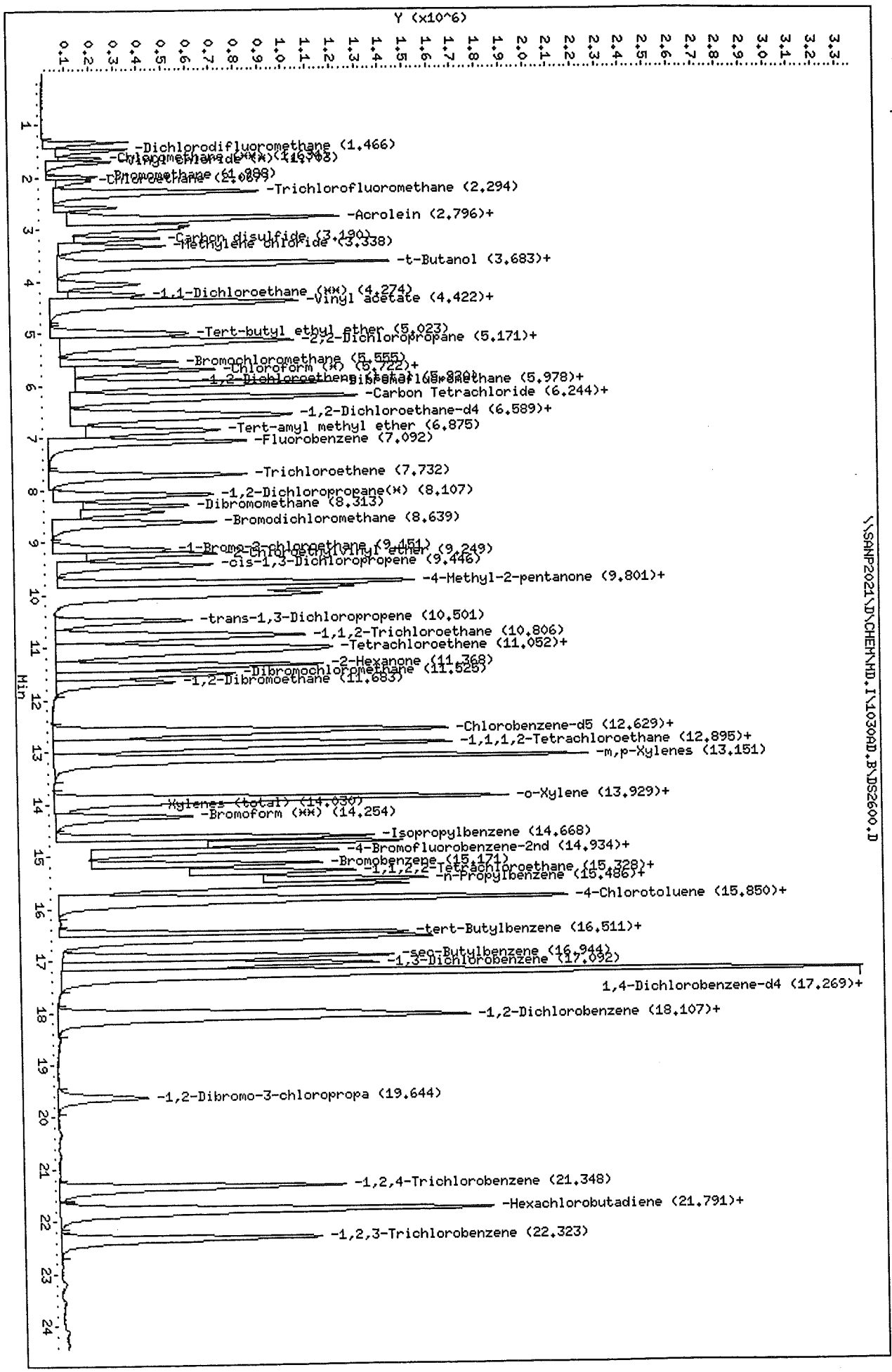
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.949	13.949	(1.107)	1978264	50.0000	53.07
M	63 Xylenes (total)	100				3718498	150.000	159.2
	64 Bromoform (**)	173	14.264	14.264	(1.132)	1092748	50.0000	52.93
	65 Isopropylbenzene	105	14.668	14.668	(1.164)	3655369	50.0000	52.88
	66 4-Bromofluorobenzene-2nd	174	14.934	14.934	(0.866)	1153170	50.0000	48.94
$	67 4-Bromofluorobenzene	95	14.934	14.934	(0.866)	1746853	50.0000	44.71
	68 Bromobenzene	156	15.171	15.171	(0.880)	1136844	50.0000	51.36
	69 1,1,2,2-Tetrachloroethane(**)	83	15.318	15.318	(0.889)	1434788	50.0000	45.66
	70 1,2,3-Trichloropropane	110	15.338	15.338	(0.890)	430170	50.0000	49.01
	71 n-Propylbenzene	91	15.496	15.496	(0.899)	3858025	50.0000	47.48
	72 2-Chlorotoluene	126	15.594	15.594	(0.905)	873671	50.0000	50.00
	73 4-Chlorotoluene	126	15.831	15.831	(0.918)	919953	50.0000	50.06
	74 1,3,5-Trimethylbenzene	105	15.880	15.880	(0.921)	3008745	50.0000	48.81
	75 tert-Butylbenzene	119	16.511	16.511	(0.958)	3157333	50.0000	49.98
	76 1,2,4-Trimethylbenzene	105	16.609	16.609	(0.963)	3056034	50.0000	49.38
	77 sec-Butylbenzene	105	16.954	16.954	(0.983)	4234403	50.0000	50.09
	78 1,3-Dichlorobenzene	146	17.102	17.102	(0.992)	1928738	50.0000	52.00
*	79 1,4-Dichlorobenzene-d4	152	17.240	17.240	(1.000)	1250711	50.0000	
	80 1,4-Dichlorobenzene	146	17.289	17.289	(1.003)	2051864	50.0000	52.19
	81 p-Isopropyltoluene	119	17.279	17.279	(1.002)	3339661	50.0000	50.78
	82 1,2-Dichlorobenzene	146	18.028	18.028	(1.046)	1825218	50.0000	51.08
	83 n-Butylbenzene	91	18.107	18.107	(1.050)	3381436	50.0000	50.66
	84 1,2-Dibromo-3-chloropropane	157	19.644	19.644	(1.139)	403288	50.0000	48.57
	85 1,2,4-Trichlorobenzene	180	21.348	21.348	(1.238)	1511500	50.0000	53.28
	86 Hexachlorobutadiene	225	21.772	21.772	(1.263)	954890	50.0000	61.68
	87 Napthalene	128	21.821	21.821	(1.266)	2673429	50.0000	49.75
	88 1,2,3-Trichlorobenzene	180	22.323	22.323	(1.295)	1377891	50.0000	52.67

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\DS2600.D
Date : 30-OCT-2000 07:53
Client ID:
Sample Info: 50 PPB 8260B STD,,3.0,,,8260BD0.M
Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1030AD.B\D13569.D
Lab Smp Id: LCS-1030AD
Client Smp ID: D13569
Inj Date : 30-OCT-2000 08:36
Operator : GFB
Inst ID: md.i
Smp Info : LCS-1030AD,LCS,2,,0,1,0,8260BDA.M,D13569
Misc Info : 1282-1,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m
Meth Date : 30-Oct-2000 08:18 beckmang
Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20
Cal File: DS2583.D
Als bottle: 2
QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

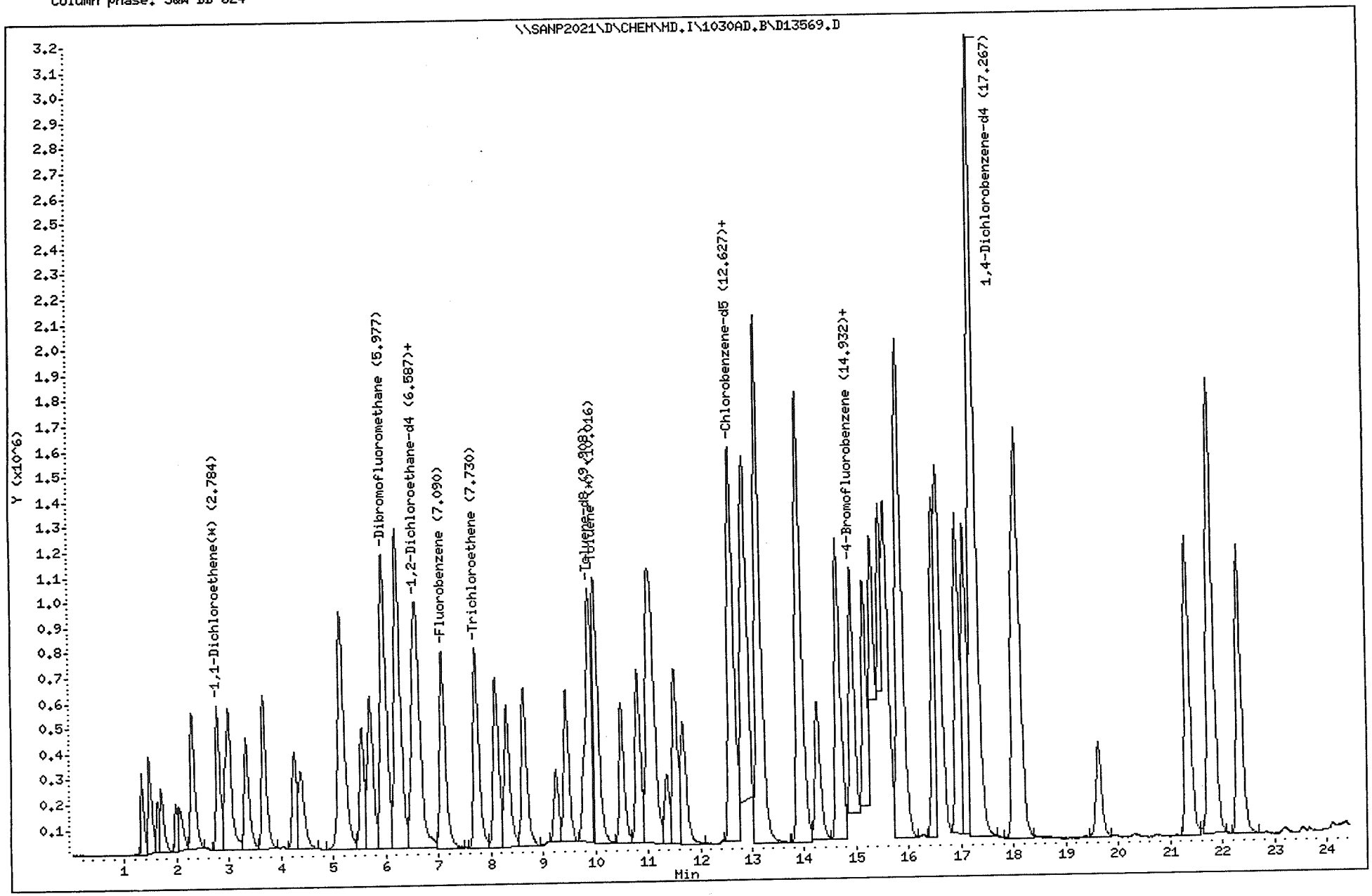
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	CONCENTRATIONS FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.784	2.796	(0.393)	606384	51.2496	51.25
$ 29 Dibromofluoromethane	111	5.976	5.979	(0.843)	1526267	53.2435	53.24
$ 33 1,2-Dichloroethane-d4	65	6.508	6.520	(0.918)	954898	45.6897	45.69
34 1,2-Dichloroethane-d4 2nd	102	6.508	6.511	(0.918)	245736	54.3680	54.37
35 Benzene	78	6.577	6.589	(0.928)	2166468	49.7251	49.72
* 38 Fluorobenzene	96	7.090	7.092	(1.000)	2424649	50.0000	
39 Trichloroethene	130	7.730	7.732	(1.090)	1027853	54.3313	54.33
$ 47 Toluene-d8	98	9.908	9.900	(0.786)	2349026	51.1376	51.14
48 Toluene (*)	91	10.026	10.028	(0.796)	2483373	48.4262	48.43
* 56 Chlorobenzene-d5	117	12.597	12.599	(1.000)	1943037	50.0000	
57 Chlorobenzene (**)	112	12.646	12.648	(1.004)	1948713	49.3641	49.36
$ 67 4-Bromofluorobenzene	95	14.932	14.934	(0.866)	1730702	44.2362	44.24
66 4-Bromofluorobenzene-2nd	174	14.932	14.934	(0.866)	1145100	48.5326	48.53
* 79 1,4-Dichlorobenzene-d4	152	17.247	17.240	(1.000)	1252491	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13569.D
Date : 30-OCT-2000 08:36
Client ID: D13569
Sample Info: LCS-1030AD,LCS,2,,0,1,0,8260BDA.M,D13569

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



BOE-C6-0175789

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1030AD.B\D13570.D
Lab Smp Id: MB-1030AD Client Smp ID: D13570
Inj Date : 30-OCT-2000 09:07
Operator : GFB Inst ID: md.i
Smp Info : MB-1030AD,BLANK,2,,0,1,0,8260BDA.M,D13570
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m
Meth Date : 30-Oct-2000 09:14 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.996	5.979	(0.845)	1364611	49.9396	49.94
$ 33 1,2-Dichloroethane-d4	65	6.518	6.520	(0.918)	849235	42.6274	42.63
34 1,2-Dichloroethane-d4 2nd	102	6.538	6.511	(0.921)	211743	49.1454	49.14
36 1,2-Dichloroethane	62	7.109	6.648	(1.001)	36894	1.66750	1.67(aQ)
* 38 Fluorobenzene	96	7.100	7.092	(1.000)	2311260	50.0000	
$ 47 Toluene-d8	98	9.908	9.900	(0.786)	2217802	48.5696	48.57
* 56 Chlorobenzene-d5	117	12.597	12.599	(1.000)	1931489	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.932	14.934	(0.866)	1077811	46.5636	46.56
$ 67 4-Bromofluorobenzene	95	14.922	14.934	(0.866)	1643052	42.8076	42.81
* 79 1,4-Dichlorobenzene-d4	152	17.238	17.240	(1.000)	1228740	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1030AD.B\D13570.D
Lab Smp Id: MB-1030AD
Client Smp ID: D13570
Inj Date : 30-OCT-2000 09:07
Operator : GFB
Inst ID: md.i
Smp Info : MB-1030AD,BLANK,2,,0,1,0,8260BDA.M,D13570
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m
Meth Date : 30-Oct-2000 09:14 beckmang
Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20
Cal File: DS2583.D
Als bottle: 3
QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.100	5372057	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.336	1401244	13.0419665	13.04	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1030AD
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13570
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

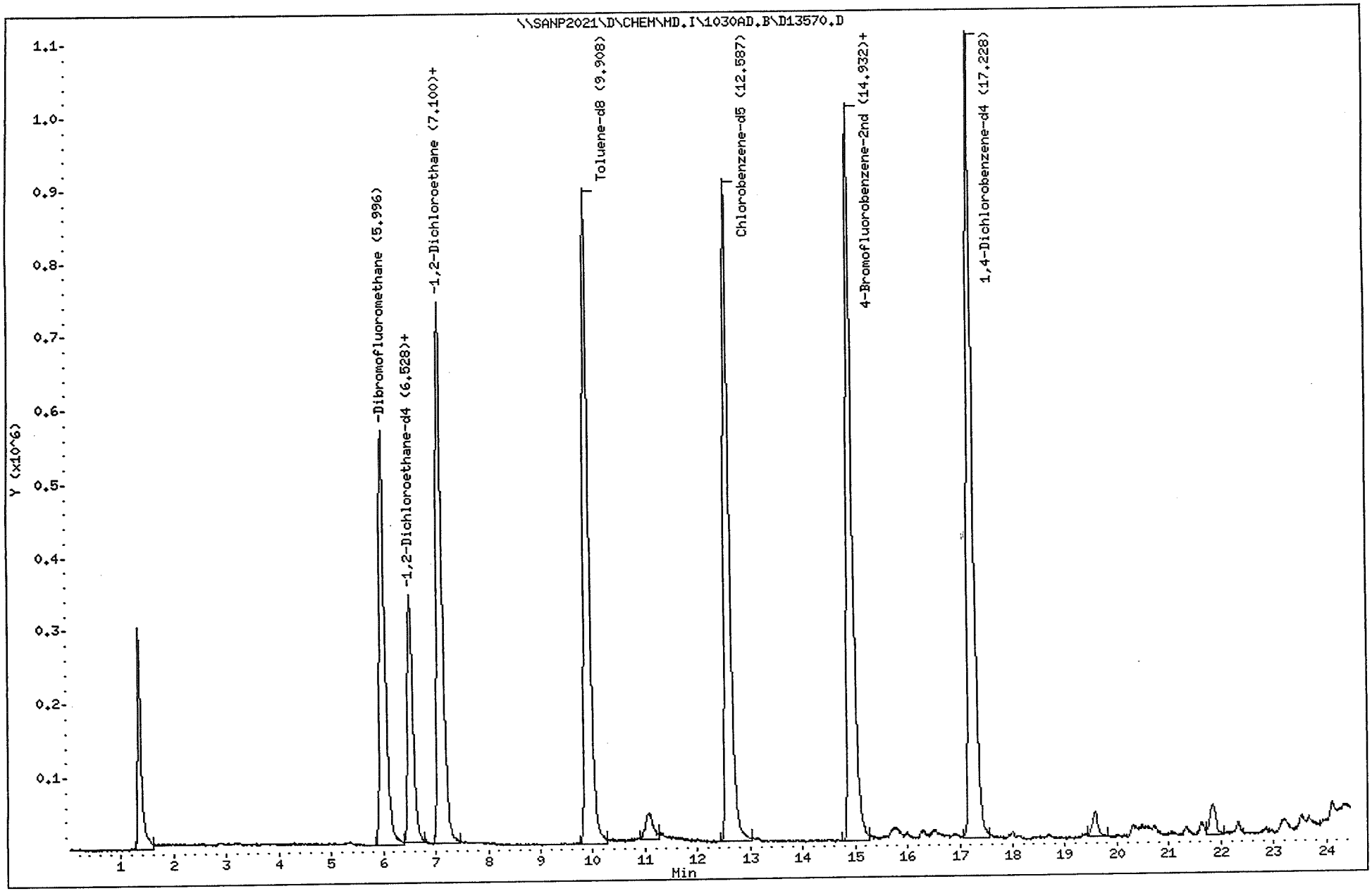
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ ND	1.336	13.04	J

Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13570.D
Date : 30-OCT-2000 09:07
Client ID: D13570
Sample Info: MB-1030AD,BLANK,2,,0,1,0,8260BDA.M,D13570

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



000763

BOE-C6-0175794

Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13570.D

Date : 30-OCT-2000 09:07

Client ID: D13570

Instrument: md.i

Sample Info: MB-1030AD,BLANK,2,,0,1,0,8260BDA.M,D13570

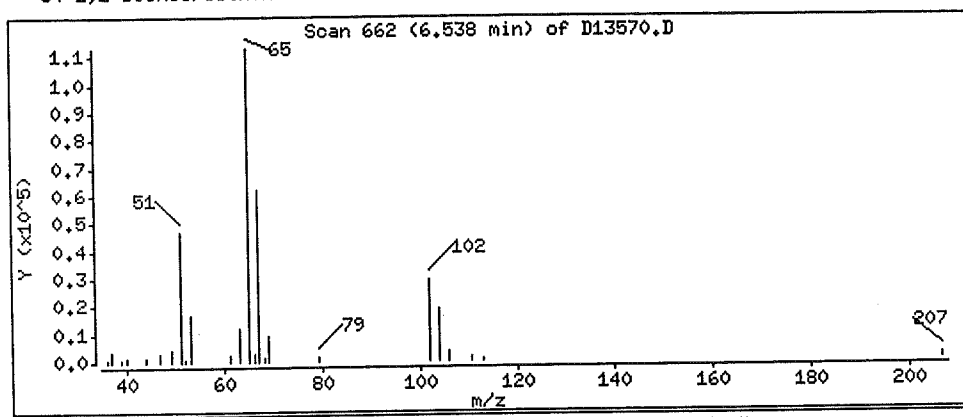
Operator: GFB

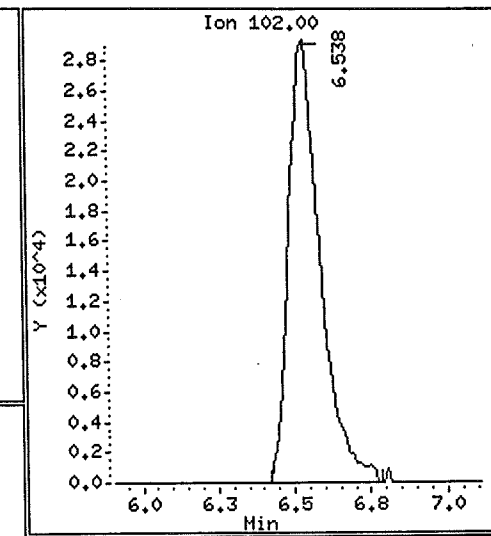
Column phase: J&W DB-624

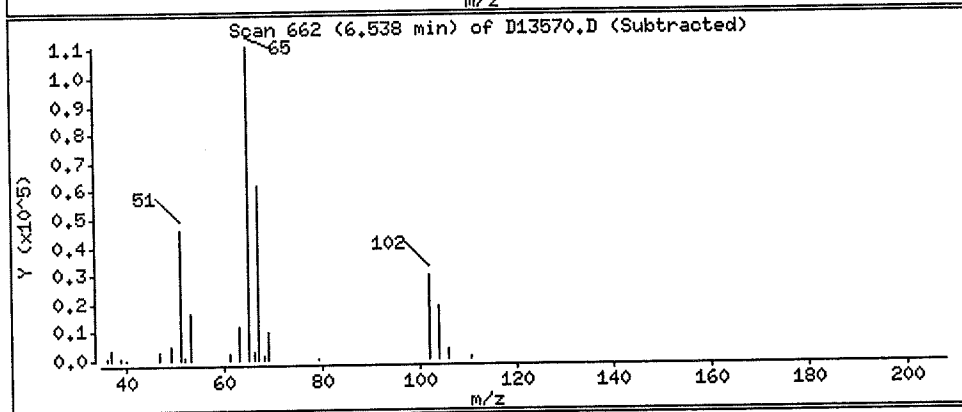
Column diameter: 0.53

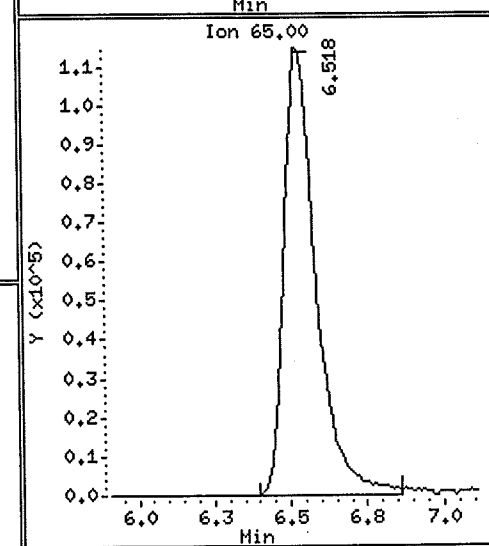
34 1,2-Dichloroethane-d4 2nd

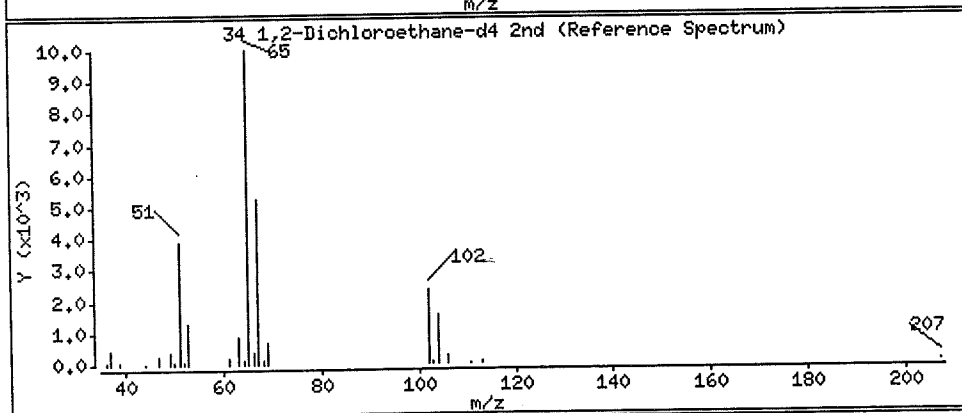
Concentration: 49.14 ug/Kg

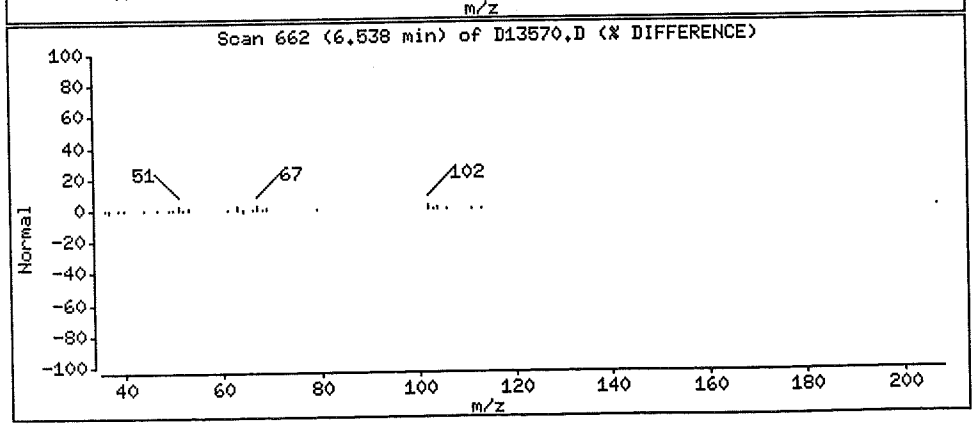












Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13570.D

Date : 30-OCT-2000 09:07

Client ID: D13570

Instrument: md.i

Sample Info: MB-1030AD,BLANK,2,,0,1,0,8260BDA.M,D13570

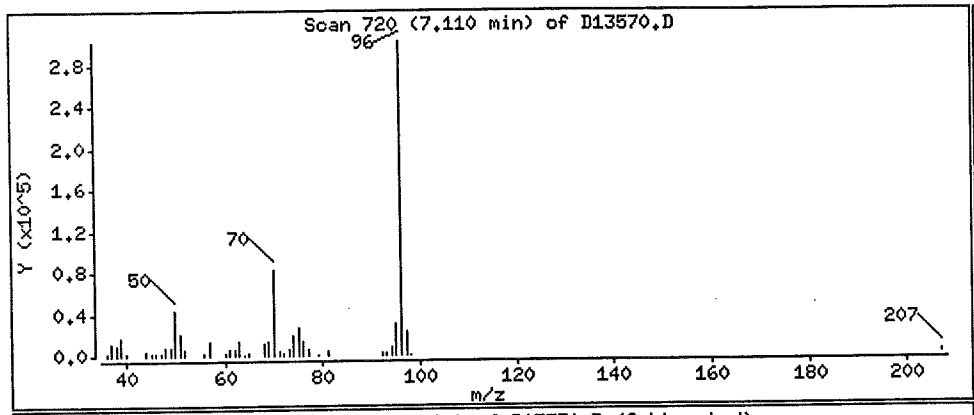
Operator: GFB

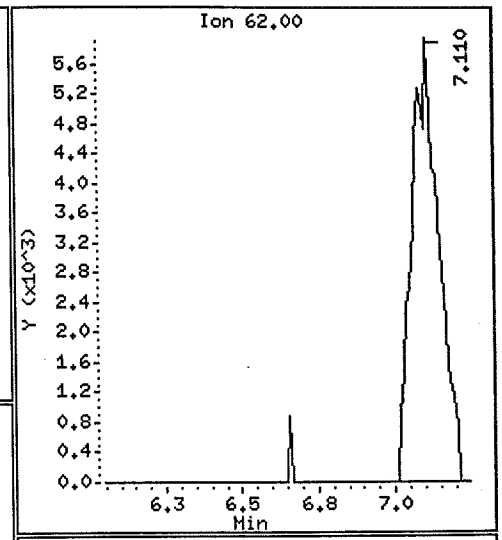
Column phase: J&W DB-624

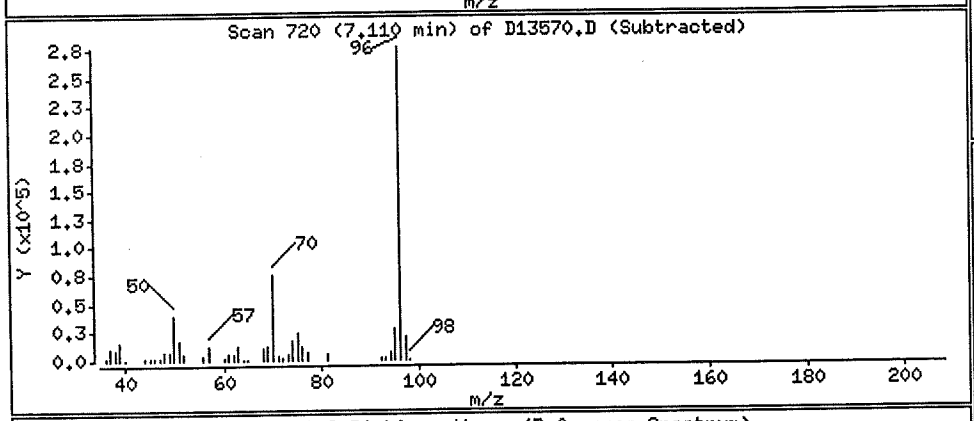
Column diameter: 0.53

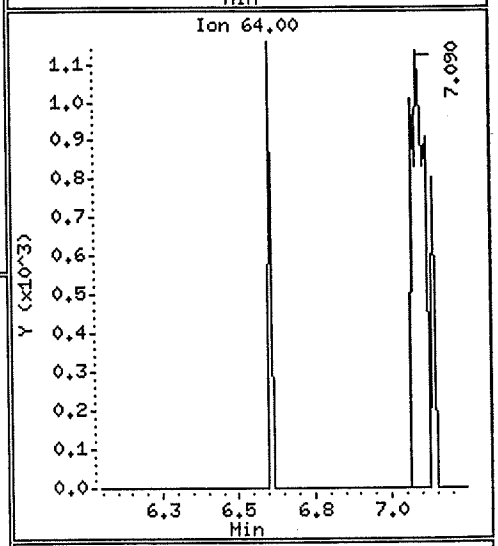
36 1,2-Dichloroethane

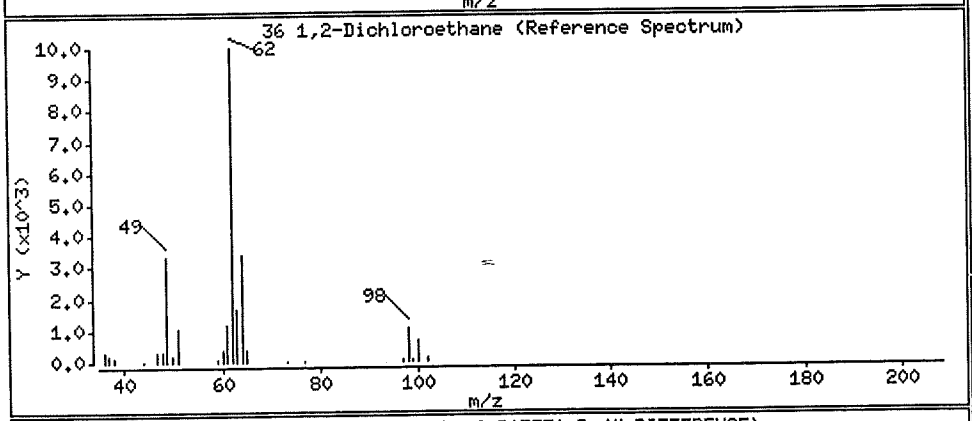
Concentration: 1.67 ug/Kg

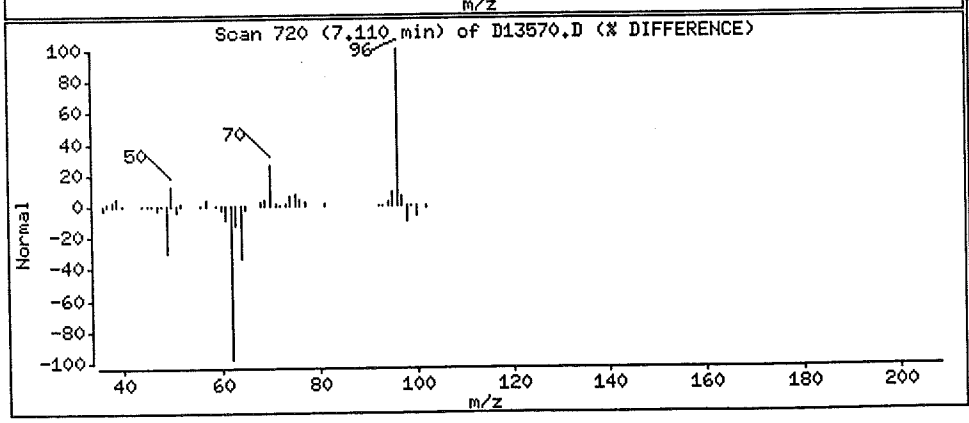


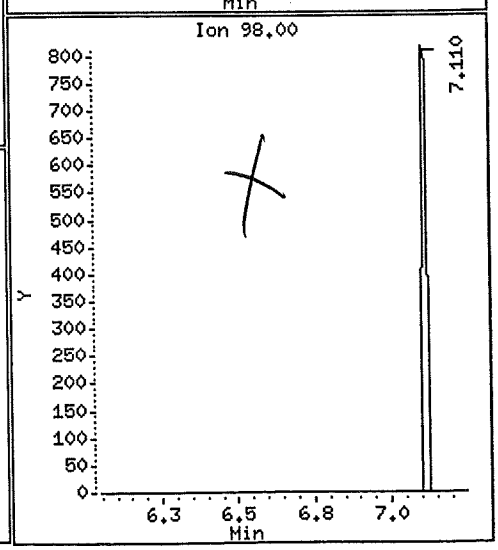












Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13570.D

Date : 30-OCT-2000 09:07

Client ID: D13570

Instrument: md.i

Sample Info: MB-1030AD,BLANK,2,,0,1,0,8260BDA.M,D13570

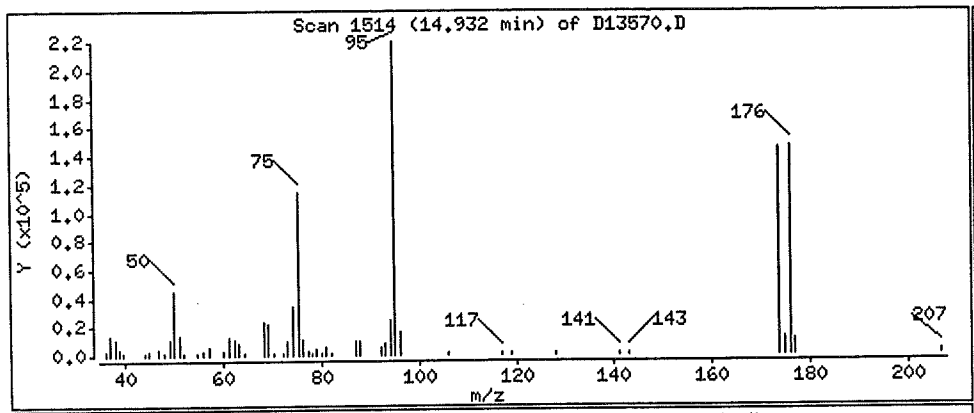
Operator: GFB

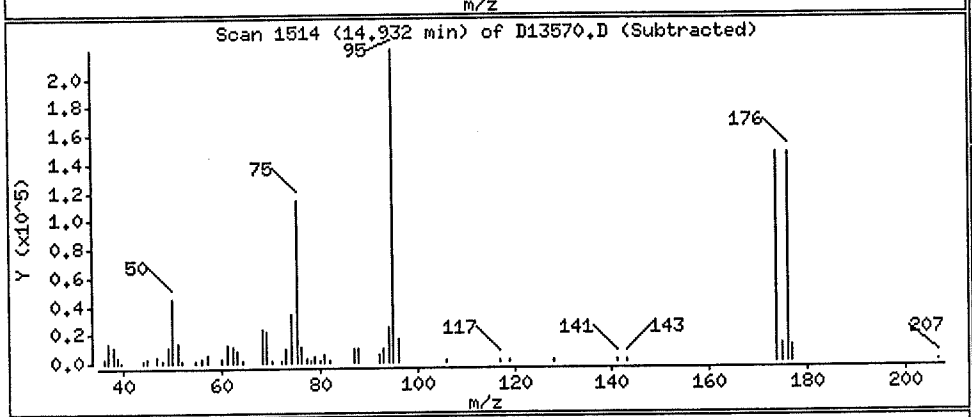
Column phase: J&W DB-624

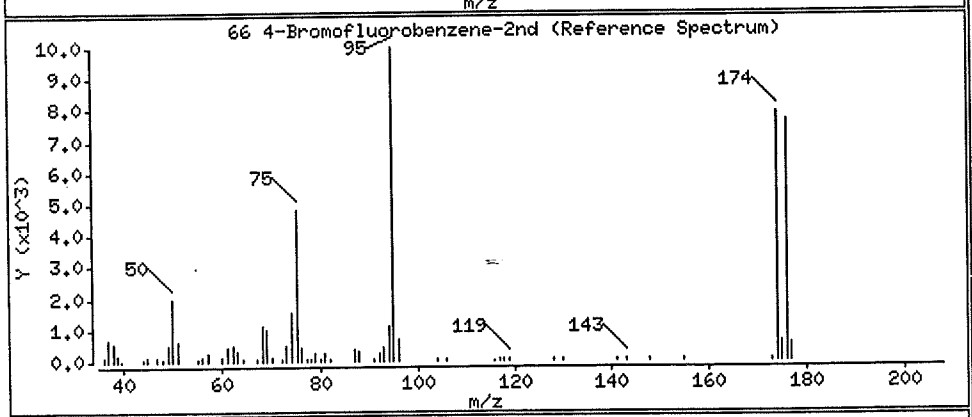
Column diameter: 0.53

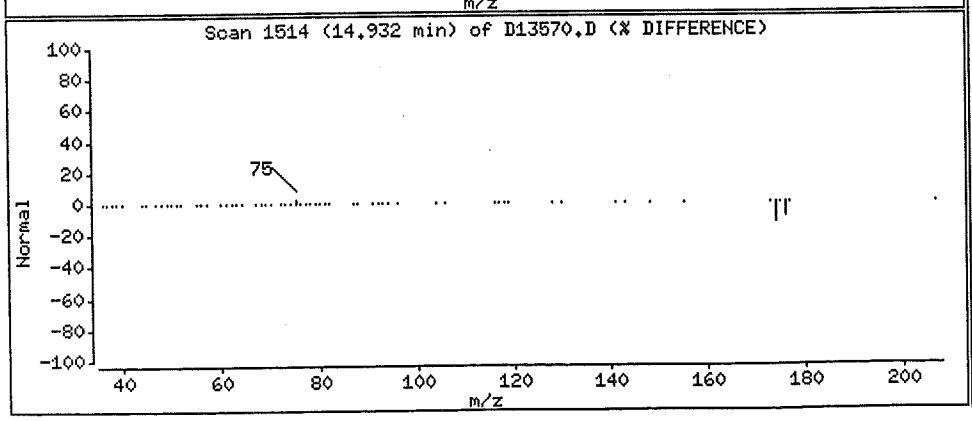
66 4-Bromofluorobenzene-2nd

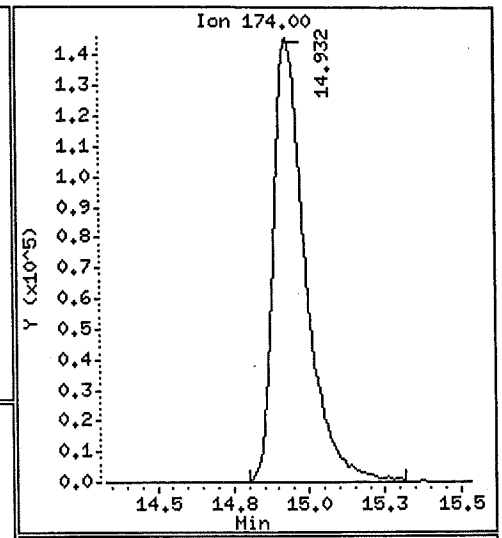
Concentration: 46.56 ug/Kg

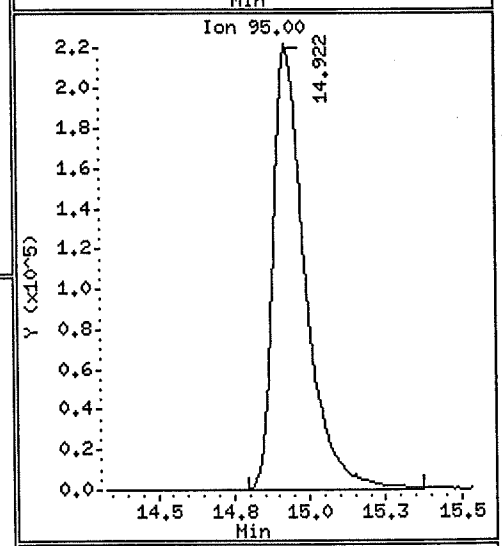


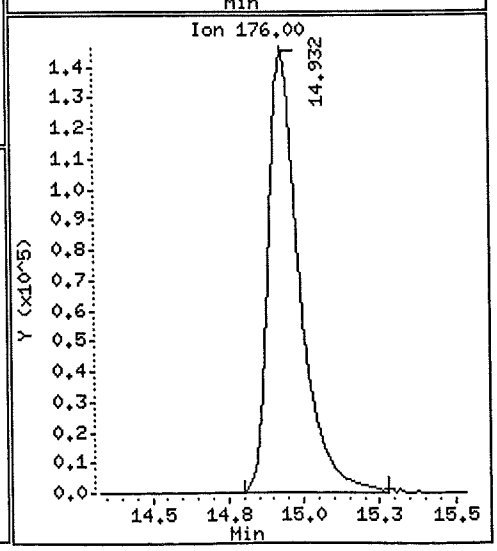












Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13570.D

Date : 30-OCT-2000 09:07

Client ID: D13570

Instrument: md.i

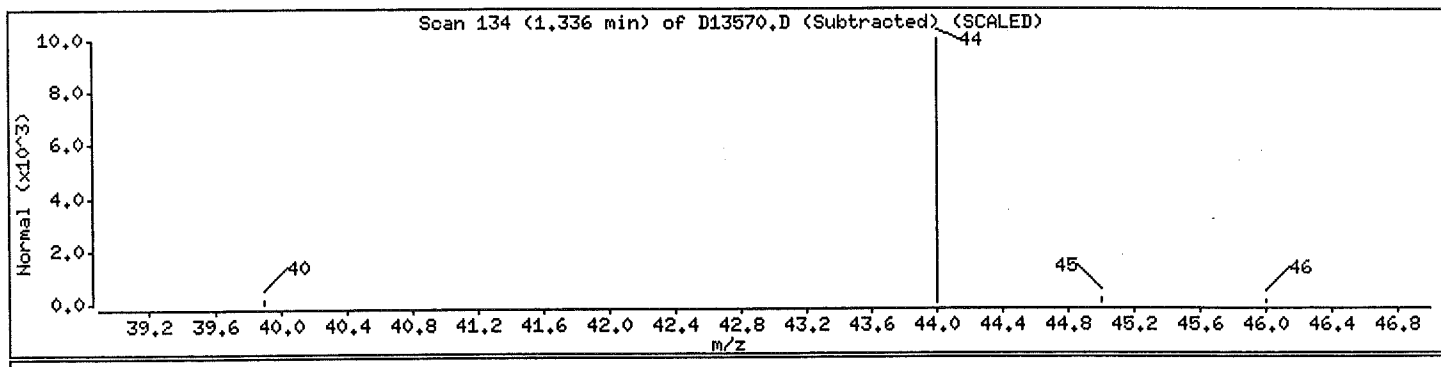
Sample Info: MB-1030AD,BLANK,2,,0,1,0,8260BDA.M,D13570

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



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STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1030AD.B\D13577.D
Lab Smp Id: DNCJN1AB
Client Smp ID: D13577
Inj Date : 30-OCT-2000 12:46
Operator : GFB
Inst ID: md.i
Smp Info : DNCJN1AB,MS,2,,0,1,0,8260BDA.M,D13577
Misc Info : 363-1S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m
Meth Date : 30-Oct-2000 09:14 beckmang
Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20
Cal File: DS2583.D
Als bottle: 10
QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

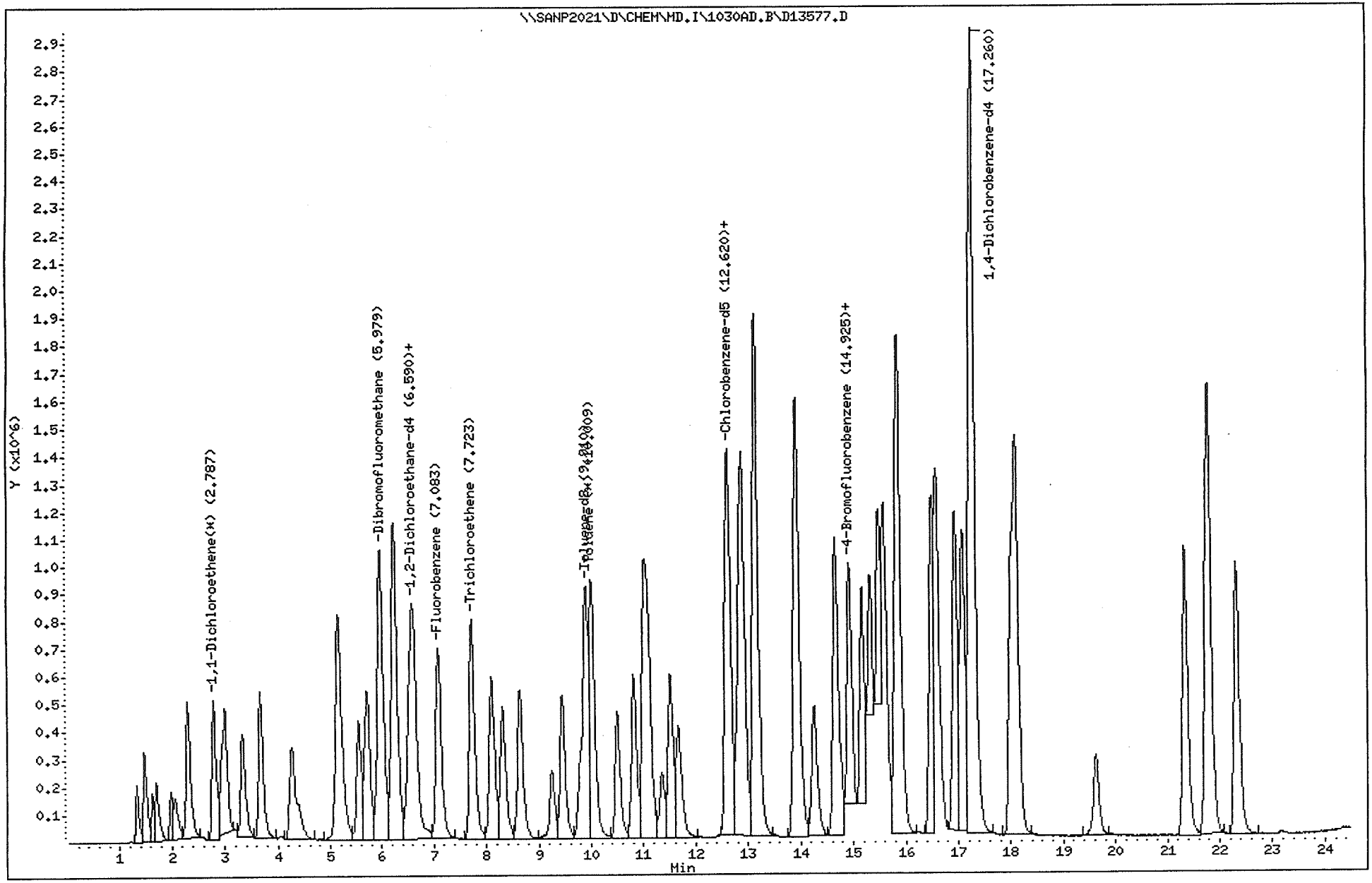
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	CONCENTRATIONS FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.787	2.796	(0.393)	524645	49.7579	49.76
$ 29 Dibromofluoromethane	111	5.979	5.979	(0.843)	1357633	53.1461	53.15
$ 33 1,2-Dichloroethane-d4	65	6.511	6.520	(0.918)	819083	43.9787	43.98
34 1,2-Dichloroethane-d4 2nd	102	6.521	6.511	(0.919)	205046	50.9071	50.91
35 Benzene	78	6.580	6.589	(0.928)	1906227	49.0966	49.10
* 38 Fluorobenzene	96	7.093	7.092	(1.000)	2160705	50.0000	
39 Trichloroethene	130	7.723	7.732	(1.089)	1039527	61.6606	61.66
$ 47 Toluene-d8	98	9.910	9.900	(0.788)	2132427	51.0819	51.08
48 Toluene (*)	91	10.019	10.028	(0.796)	2247963	48.2356	48.24
* 56 Chlorobenzene-d5	117	12.580	12.599	(1.000)	1765796	50.0000	
57 Chlorobenzene (**)	112	12.639	12.648	(1.005)	1749233	48.7586	48.76
$ 67 4-Bromofluorobenzene	95	14.925	14.934	(0.866)	1571186	43.8487	43.85
66 4-Bromofluorobenzene-2nd	174	14.925	14.934	(0.866)	1032563	47.7837	47.78
* 79 1,4-Dichlorobenzene-d4	152	17.231	17.240	(1.000)	1147099	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13577.D
Date : 30-OCT-2000 12:46
Client ID: D13577
Sample Info: DNCJN1AB,MS,2,,0,1,0,8260BDA.M,D13577

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



BOE-C6-0175800

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1030AD.B\D13578.D
Lab Smp Id: DNCJN1AC
Client Smp ID: D13578
Inj Date : 30-OCT-2000 13:18
Operator : GFB
Inst ID: md.i
Smp Info : DNCJN1AC,MSD,2,,0,1,0,8260BDA.M,D13578
Misc Info : 363-1D,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m
Meth Date : 30-Oct-2000 09:14 beckmang
Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20
Cal File: DS2583.D
Als bottle: 11
QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

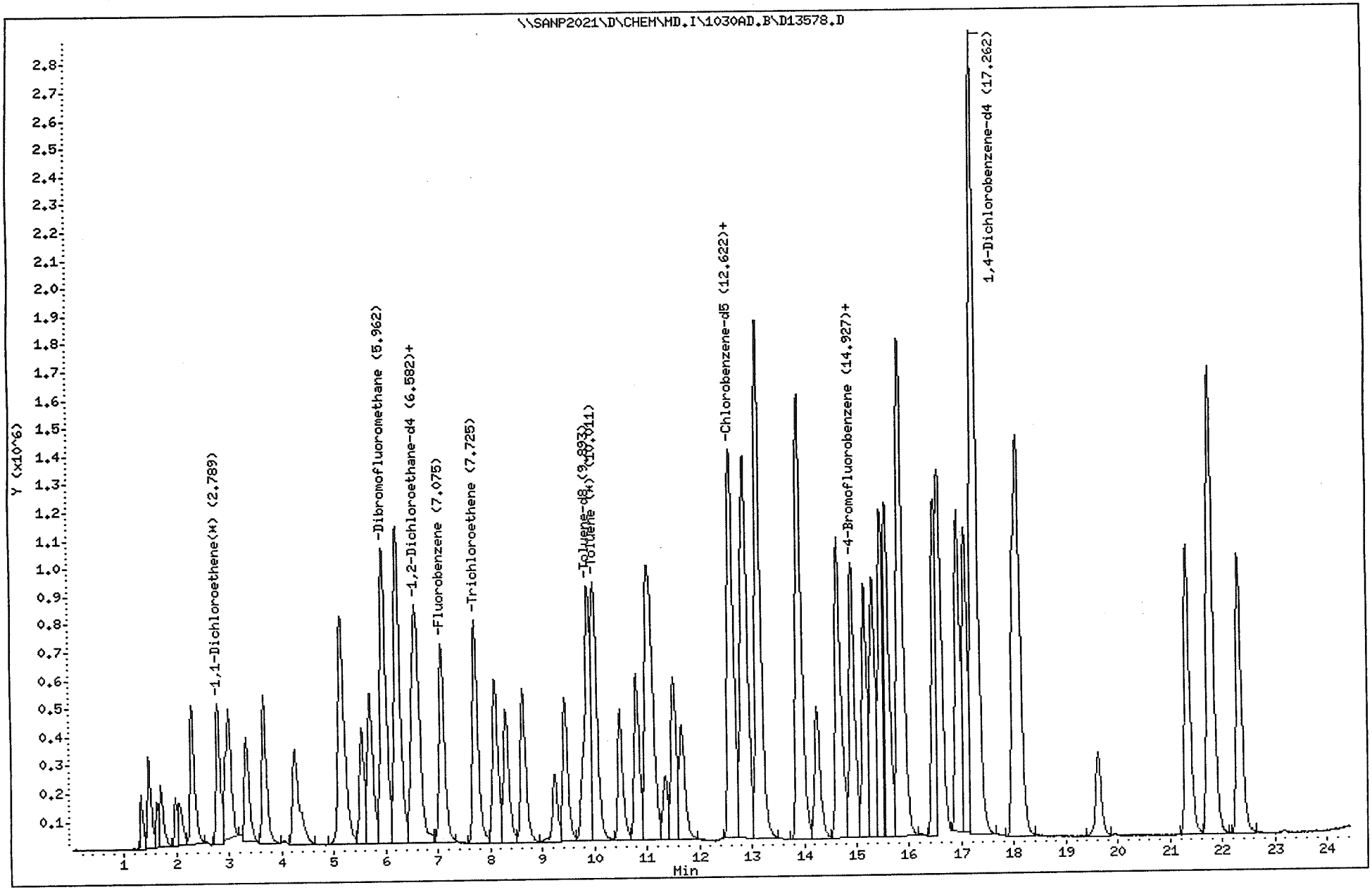
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.789	2.796	(0.394)	545574	51.0071	51.01
$ 29 Dibromofluoromethane	111	5.971	5.979	(0.843)	1377596	53.1608	53.16
$ 33 1,2-Dichloroethane-d4	65	6.503	6.520	(0.918)	837671	44.3372	44.34
34 1,2-Dichloroethane-d4 2nd	102	6.503	6.511	(0.918)	207568	50.8005	50.80
35 Benzene	78	6.572	6.589	(0.928)	1896827	48.1598	48.16
* 38 Fluorobenzene	96	7.085	7.092	(1.000)	2191872	50.0000	
39 Trichloroethene	130	7.725	7.732	(1.090)	1041515	60.9001	60.90
$ 47 Toluene-d8	98	9.902	9.900	(0.786)	2154180	51.0378	51.04
48 Toluene (*)	91	10.021	10.028	(0.796)	2228246	47.2889	47.29
* 56 Chlorobenzene-d5	117	12.592	12.599	(1.000)	1785352	50.0000	
57 Chlorobenzene (**)	112	12.641	12.648	(1.004)	1719908	47.4161	47.42
$ 67 4-Bromofluorobenzene	95	14.927	14.934	(0.866)	1573765	43.7291	43.73
66 4-Bromofluorobenzene-2nd	174	14.927	14.934	(0.866)	1036411	47.7527	47.75
* 79 1,4-Dichlorobenzene-d4	152	17.233	17.240	(1.000)	1152124	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13578.D
Date : 30-OCT-2000 13:18
Client ID: D13578
Sample Info: DNCJN1AC,MSD,2,,0,1,0,8260BDA.M,D13578

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



BOE-C6-0175802

000174

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1030AD.B\D13571.D
Lab Smp Id: DNCJN1AA Client Smp ID: D13571
Inj Date : 30-OCT-2000 09:39
Operator : GFB Inst ID: md.i
Smp Info : DNCJN1AA,,2,,0,1,0,8260BDA.M,D13571
Misc Info : E0J180165-27,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m
Meth Date : 30-Oct-2000 09:14 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.957	5.979	(0.843)	1304796	49.8448	49.84
$ 33 1,2-Dichloroethane-d4	65	6.499	6.520	(0.919)	789026	41.3422	41.34
34 1,2-Dichloroethane-d4 2nd	102	6.509	6.511	(0.921)	198145	48.0062	48.01
36 1,2-Dichloroethane	62	7.071	6.648	(1.000)	34709	1.63755	1.64(aQ)
* 38 Fluorobenzene	96	7.071	7.092	(1.000)	2214152	50.0000	
$ 47 Toluene-d8	98	9.898	9.900	(0.786)	2148954	49.4386	49.44
* 56 Chlorobenzene-d5	117	12.588	12.599	(1.000)	1838632	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.933	14.934	(0.866)	978824	47.9836	47.98
$ 67 4-Bromofluorobenzene	95	14.933	14.934	(0.866)	1503690	44.4542	44.45
* 79 1,4-Dichlorobenzene-d4	152	17.238	17.240	(1.000)	1082869	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1030AD.B\D13571.D
Lab Smp Id: DNCJN1AA Client Smp ID: D13571
Inj Date : 30-OCT-2000 09:39
Operator : GFB Inst ID: md.i
Smp Info : DNCJN1AA,,2,,0,1,0,8260BDA.M,D13571
Misc Info : E0J180165-27,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m
Meth Date : 30-Oct-2000 09:14 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.071	5155607	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	1859089	18.0297782	18.03	0		0	38

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TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCJN1AA
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13571
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ ND	1.317	18.03	_J__

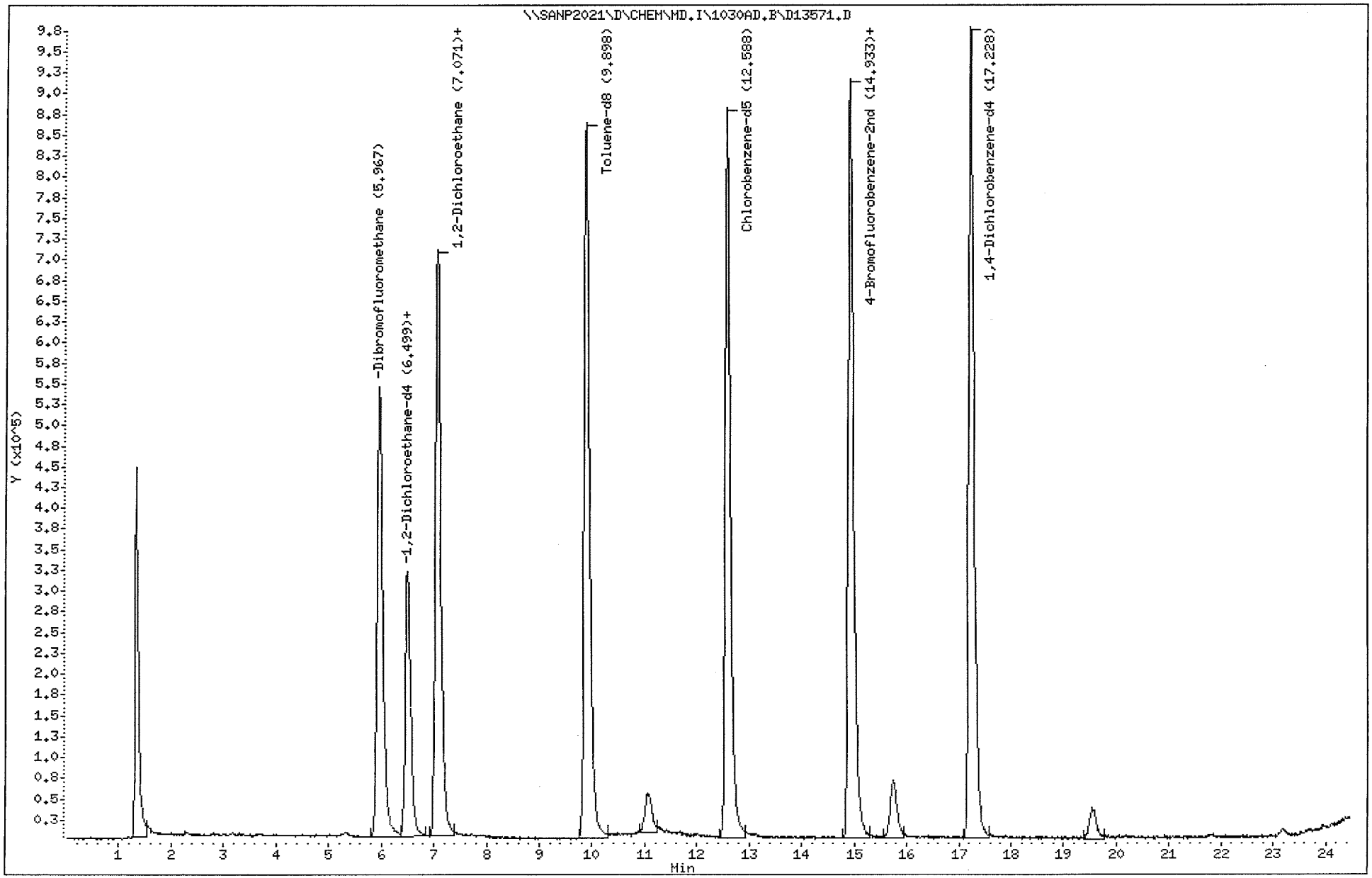
Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13571.D
Date : 30-OCT-2000 09:39
Client ID: D13571
Sample Info: DNCJN1AA,,2,,0,1,0,8260BDA.M,D13571

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0175807

000776

Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13571.D

Date : 30-OCT-2000 09:39

Client ID: D13571

Instrument: md.i

Sample Info: DNCJN1AA,,2,,0,1,0,8260BDA.M,D13571

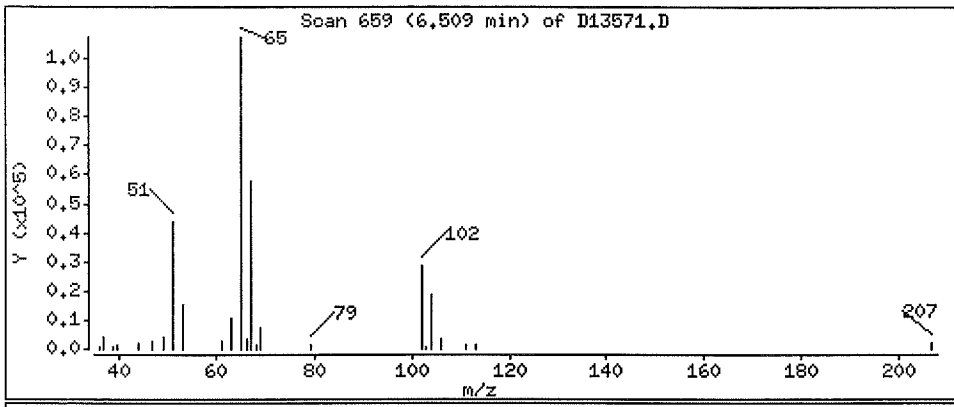
Operator: GFB

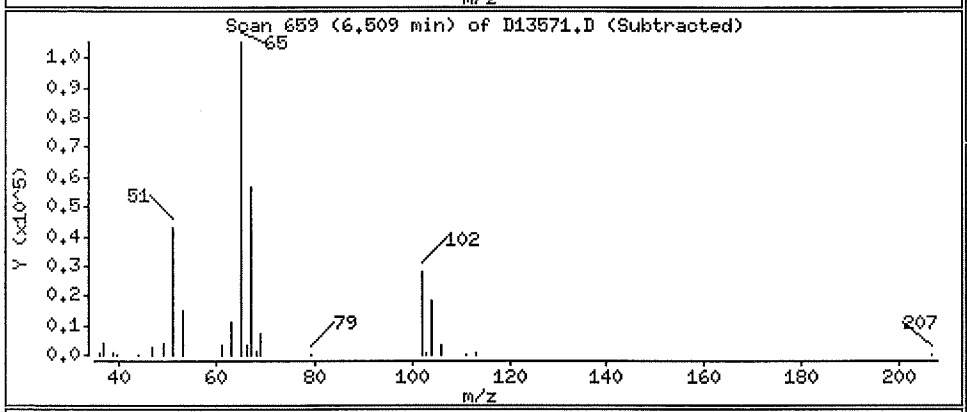
Column phase: J&W DB-624

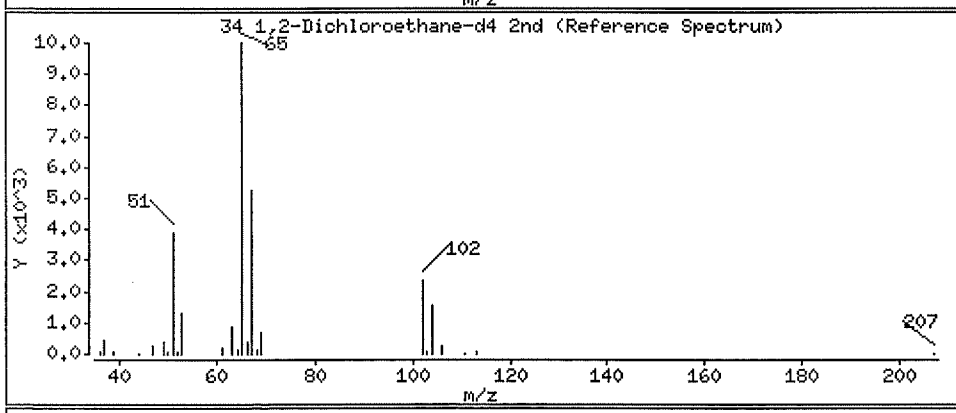
Column diameter: 0.53

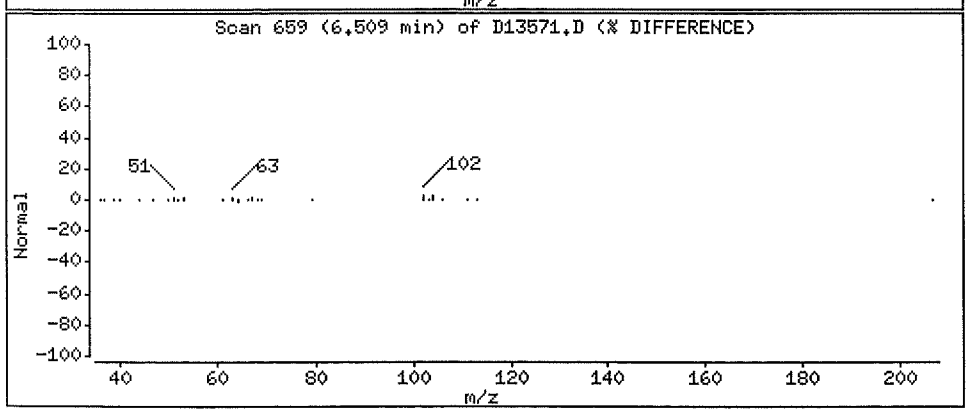
34 1,2-Dichloroethane-d4 2nd

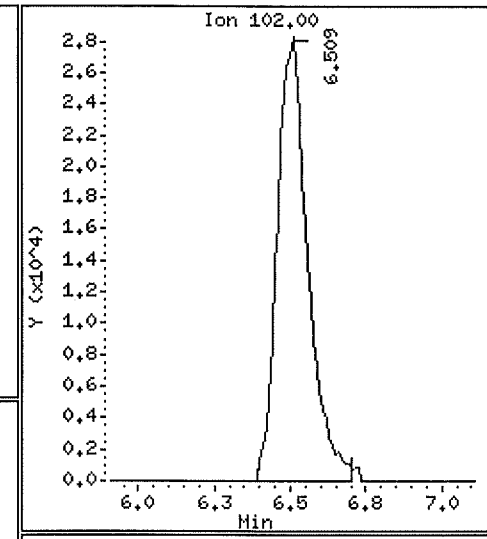
Concentration: 48.01 ug/Kg

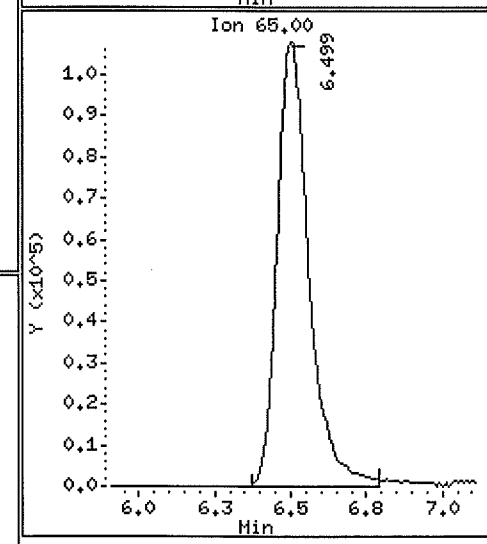












Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13571.D

Date : 30-OCT-2000 09:39

Client ID: D13571

Instrument: md.i

Sample Info: DNCJN1AA,,2,,0,1,0,8260BDA.M,D13571

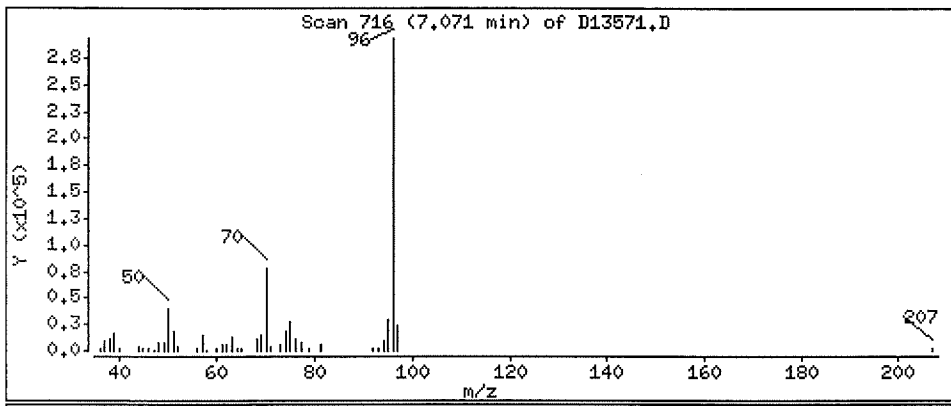
Operator: GFB

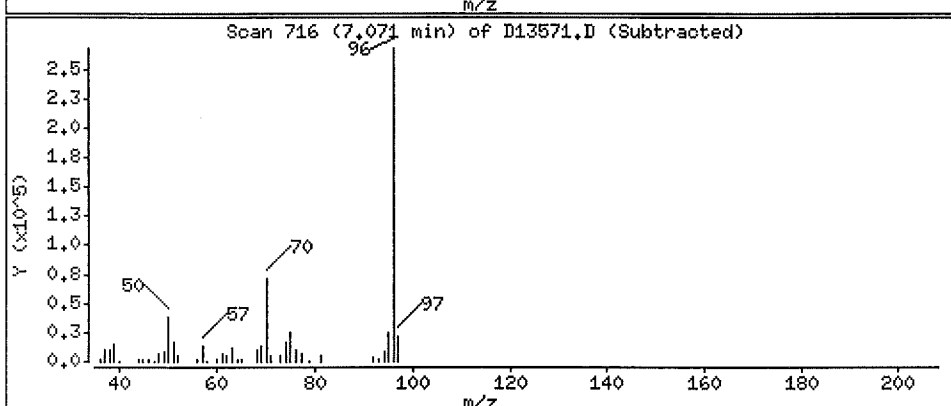
Column phase: J&W DB-624

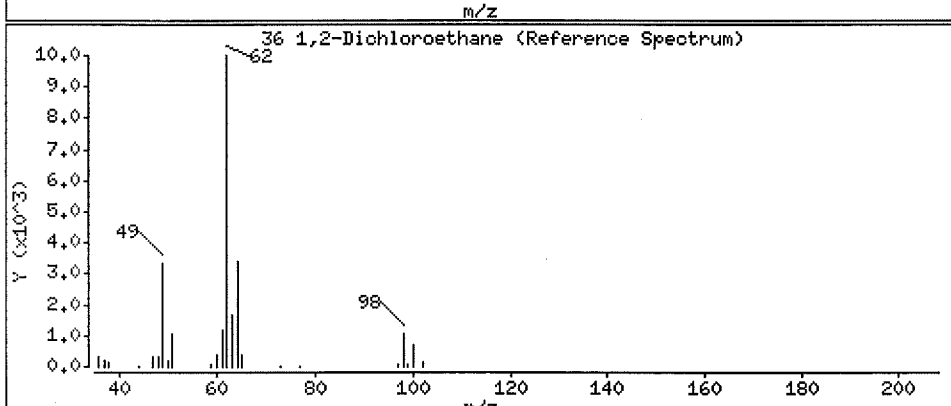
Column diameter: 0.53

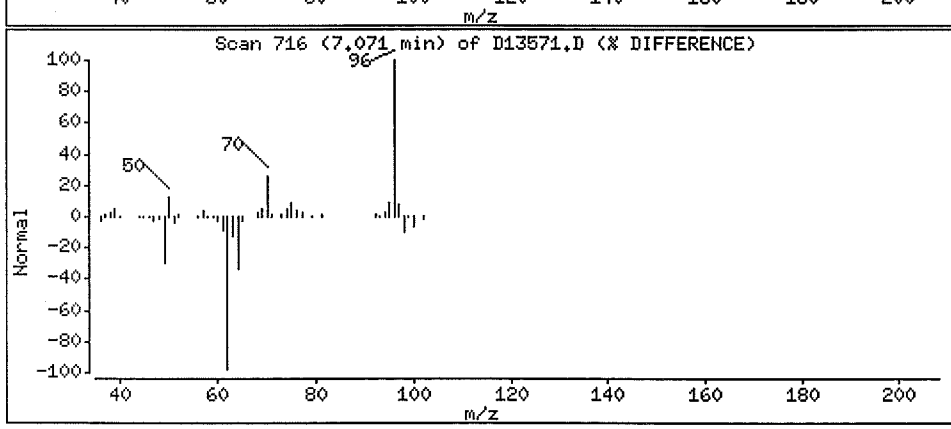
36 1,2-Dichloroethane

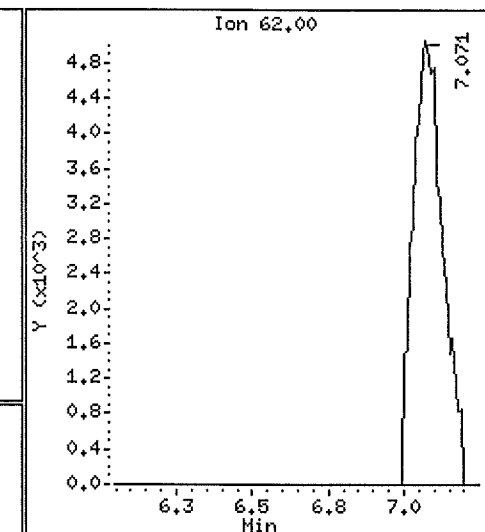
Concentration: 1.64 ug/Kg

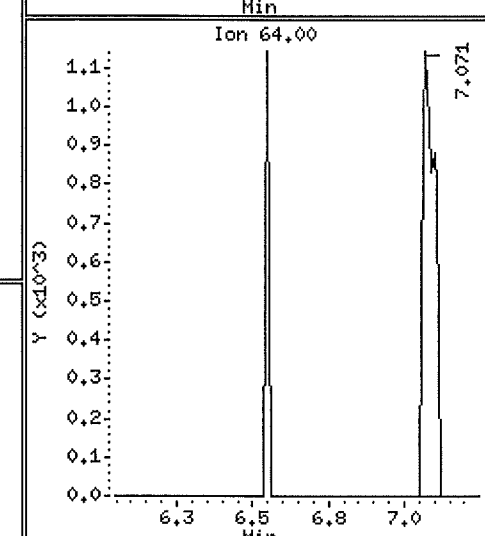


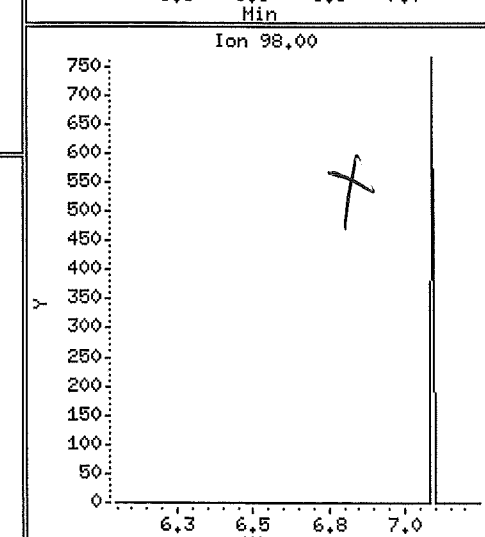












Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13571.D

Date : 30-OCT-2000 09:39

Client ID: D13571

Instrument: md.i

Sample Info: DNCJN1AA,,2,,0,1,0,8260BDA.M,D13571

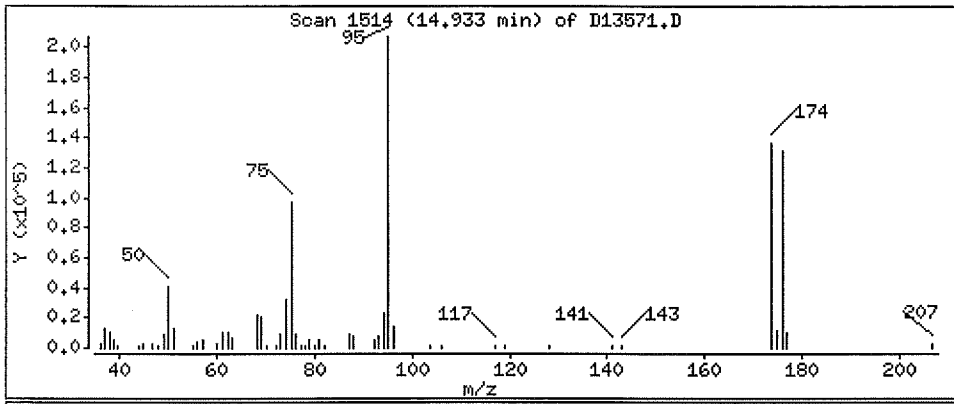
Operator: GFB

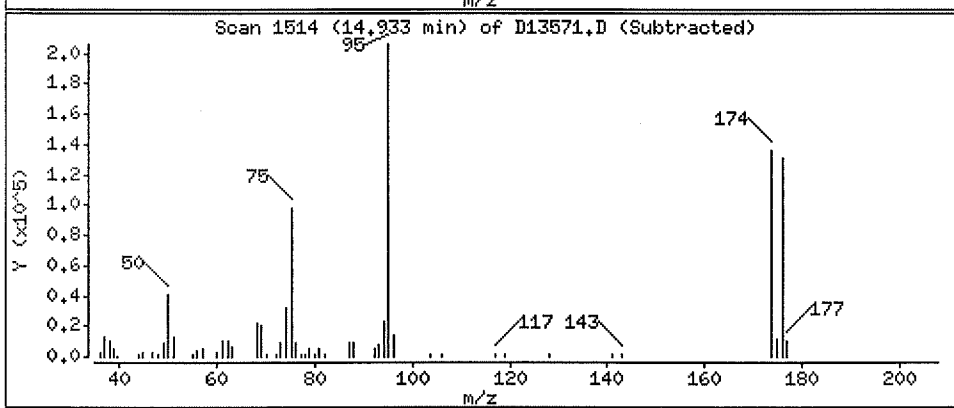
Column phase: J&W DB-624

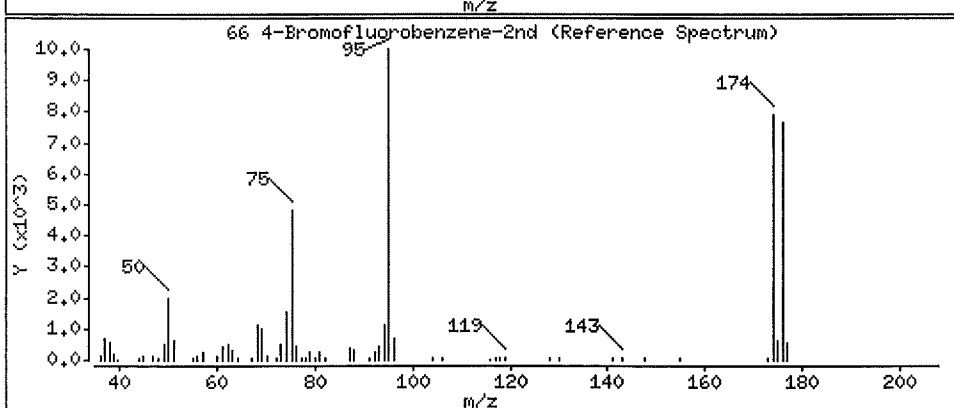
Column diameter: 0.53

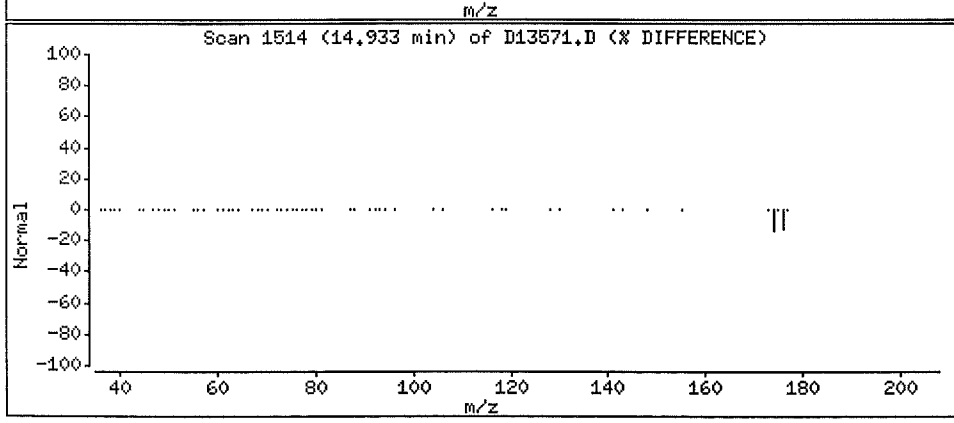
66 4-Bromofluorobenzene-2nd

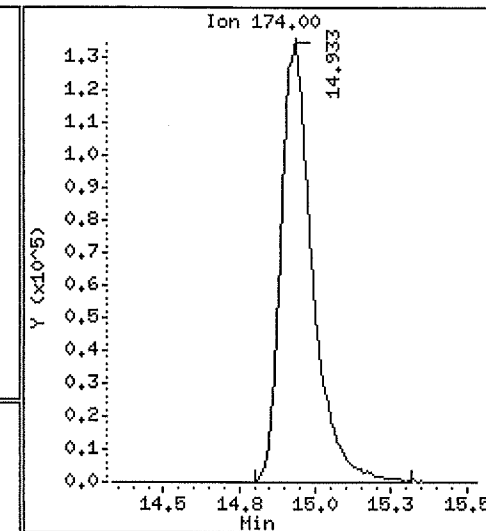
Concentration: 47.98 ug/Kg

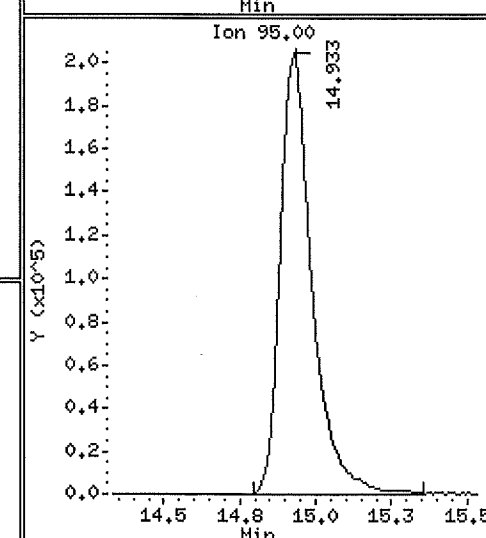


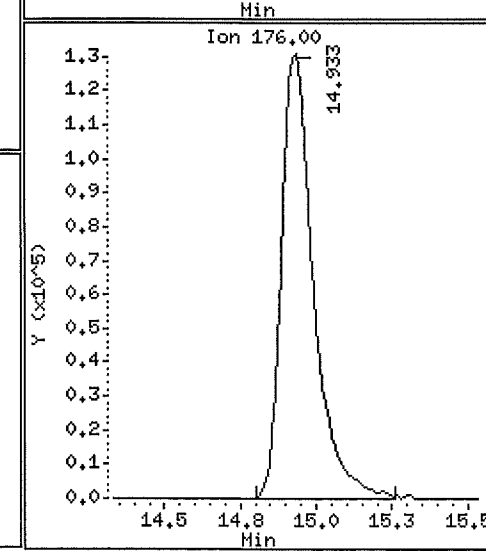












Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13571.D

Date : 30-OCT-2000 09:39

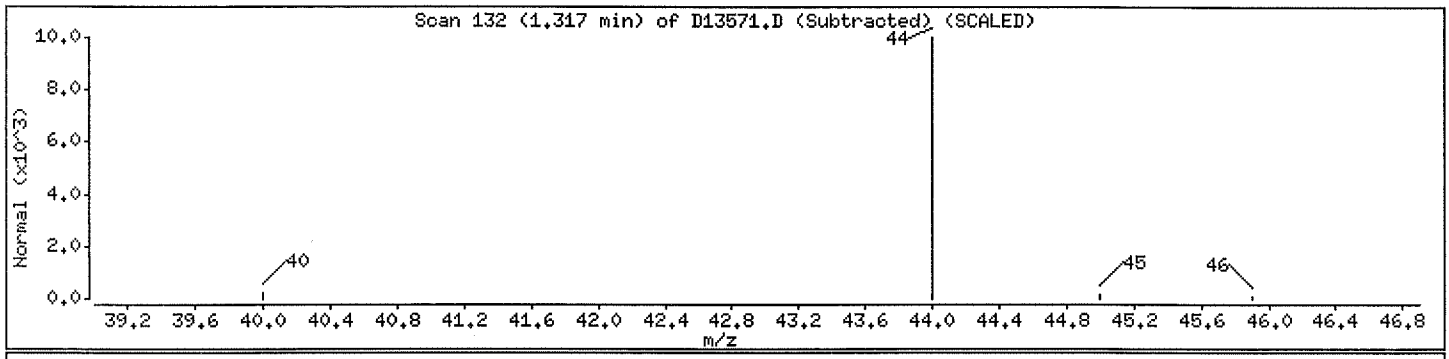
Client ID: D13571 Instrument: md.i

Sample Info: DNCJN1AA,,2,,0,1,0,8260BDA.M,D13571

Operator: GFB

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1030AD.B\D13572.D
Lab Smp Id: DNCJT1AA Client Smp ID: D13572
Inj Date : 30-OCT-2000 10:10
Operator : GFB Inst ID: md.i
Smp Info : DNCJT1AA,,2,,0,1,0,8260BDA.M,D13572
Misc Info : 165-28,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m
Meth Date : 30-Oct-2000 09:14 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.977	5.979	(0.843)	1288798	48.8928	48.89
$ 33 1,2-Dichloroethane-d4	65	6.519	6.520	(0.919)	807283	42.0060	42.00
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.511	(0.919)	200864	48.3281	48.33
36 1,2-Dichloroethane	62	7.080	6.648	(0.999)	35685	1.67193	1.67(aQ)
* 38 Fluorobenzene	96	7.090	7.092	(1.000)	2229588	50.0000	
$ 47 Toluene-d8	98	9.908	9.900	(0.786)	2180026	49.3632	49.36
* 56 Chlorobenzene-d5	117	12.597	12.599	(1.000)	1868067	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.923	14.934	(0.866)	1032431	46.9983	47.00
$ 67 4-Bromofluorobenzene	95	14.932	14.934	(0.867)	1565673	42.9821	42.98
* 79 1,4-Dichlorobenzene-d4	152	17.228	17.240	(1.000)	1166120	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1030AD.B\D13572.D
Lab Smp Id: DNCJT1AA Client Smp ID: D13572
Inj Date : 30-OCT-2000 10:10
Operator : GFB Inst ID: md.i
Smp Info : DNCJT1AA,,2,,0,1,0,8260BDA.M,D13572
Misc Info : 165-28,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m
Meth Date : 30-Oct-2000 09:14 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.090	5146127	50.000
* 79 1,4-Dichlorobenzene-d4	17.228	7428577	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	1782427	17.3181359	17.32	0		0	38
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
15.740	766195	5.15707461	5.16	72	NBS75K.L	41966	79

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCJT1AA
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13572
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~	1.326	17.32	J
2. 556-67-2	Cyclotetrasiloxane, octamet	15.740	5.16	NJ

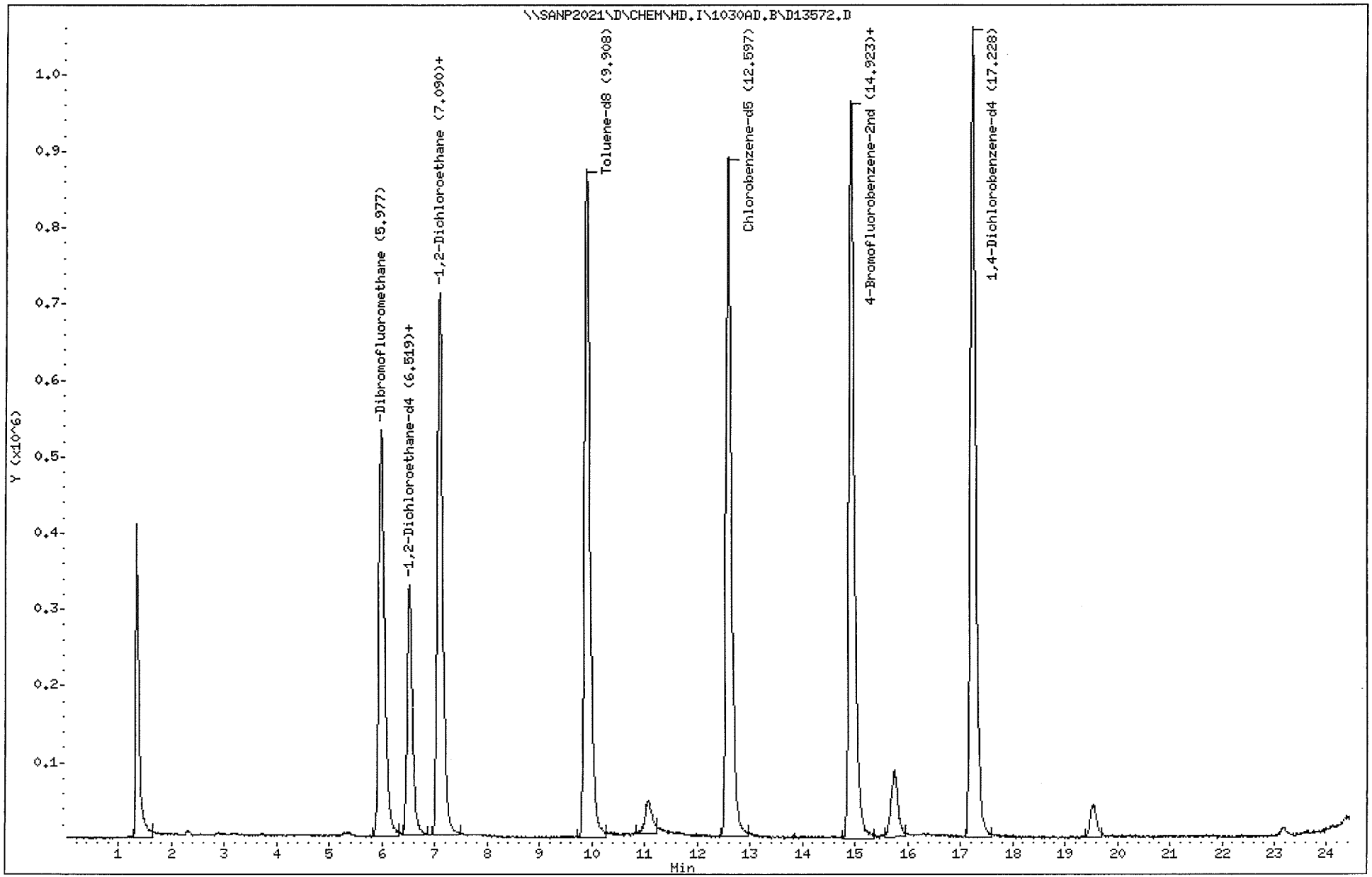
Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13572.D
Date : 30-OCT-2000 10:10
Client ID: D13572
Sample Info: DNCJT1AA,,2,,0,1,0,8260BDA.M,D13572

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0175816

000785

Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13572.D

Date : 30-OCT-2000 10:10

Client ID: D13572

Instrument: md.i

Sample Info: DNCJT1AA,,2,,0,1,0,8260BDA.M,D13572

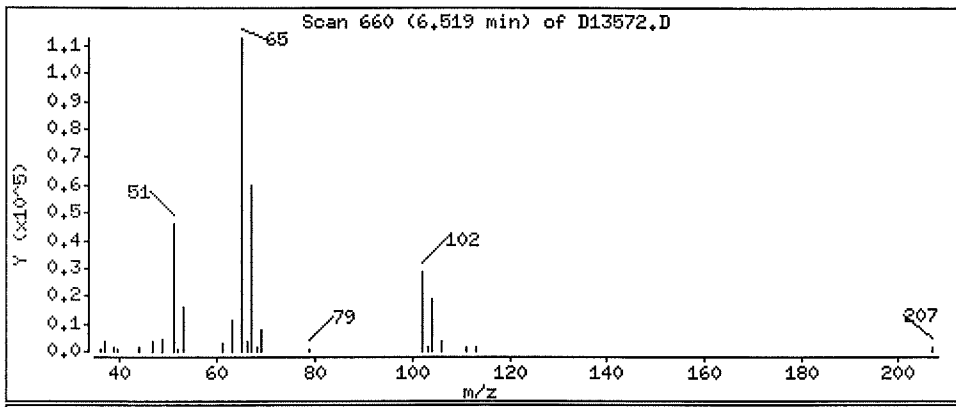
Operator: GFB

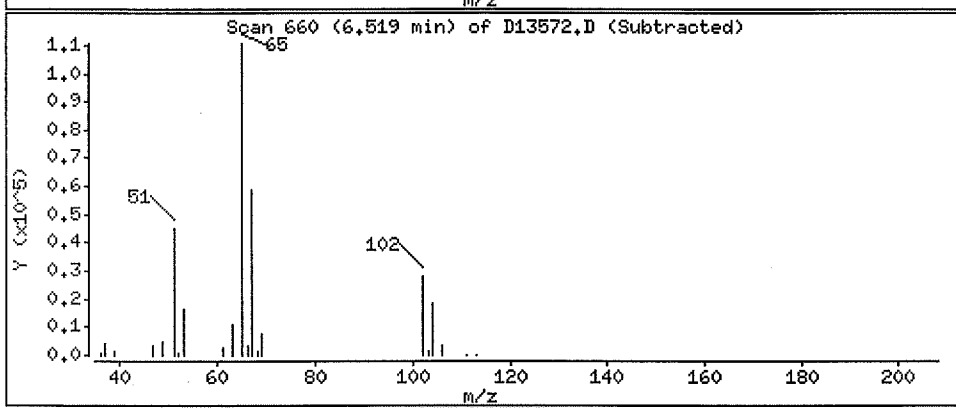
Column phase: J&W DB-624

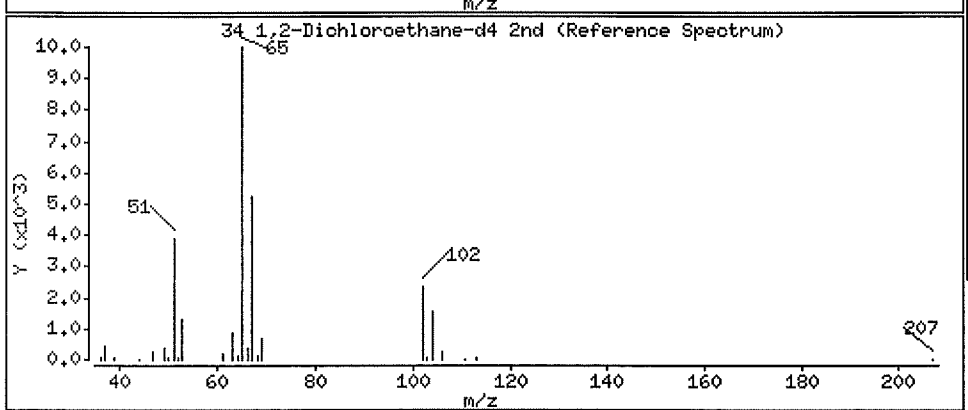
Column diameter: 0.53

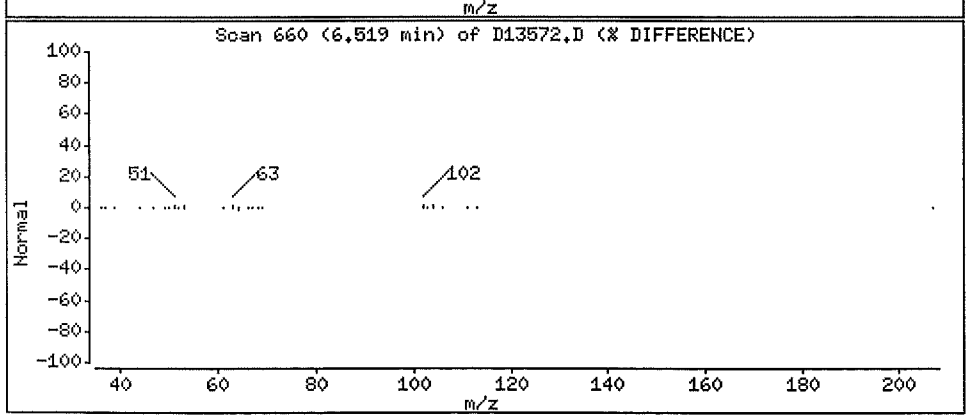
34 1,2-Dichloroethane-d4 2nd

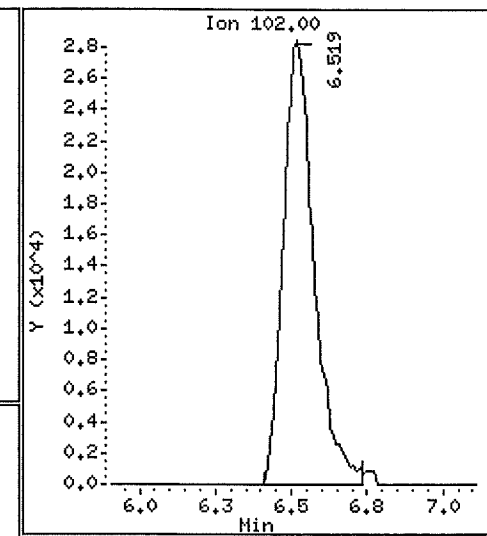
Concentration: 48.33 ug/Kg

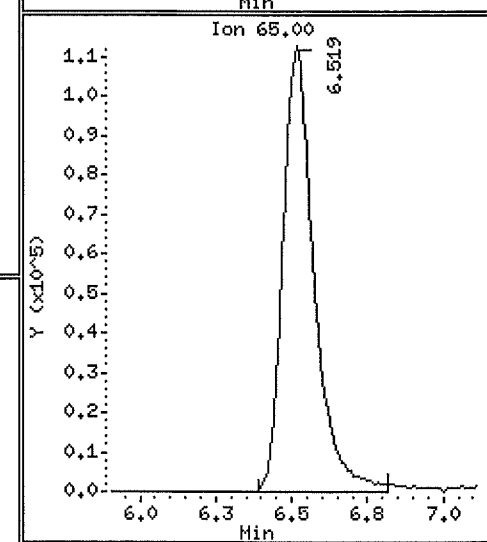












Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13572.D

Date : 30-OCT-2000 10:10

Client ID: D13572

Instrument: md.i

Sample Info: DNCJT1AA,,2,,0,1,0,8260BDA.M,D13572

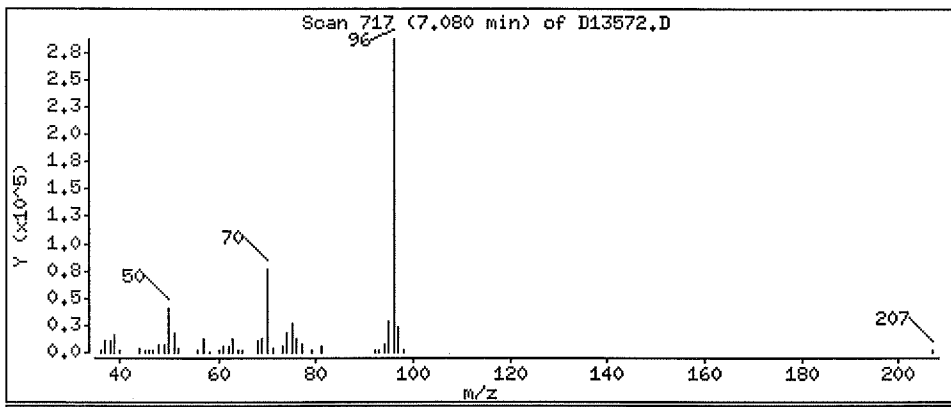
Operator: GFB

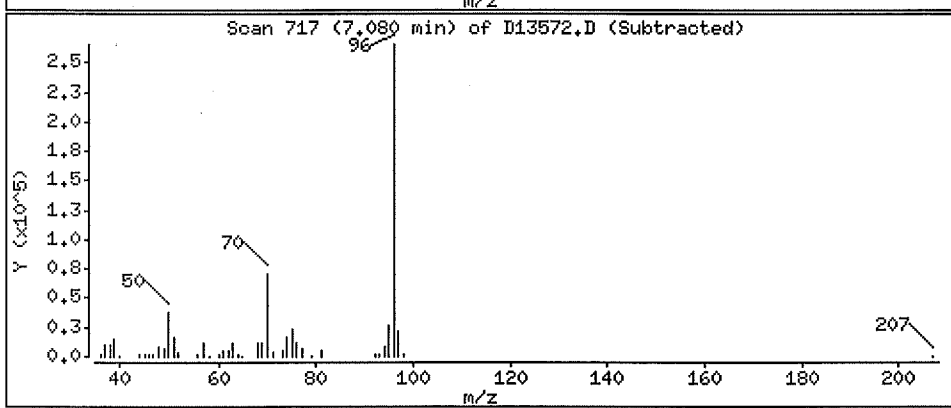
Column phase: J&W DB-624

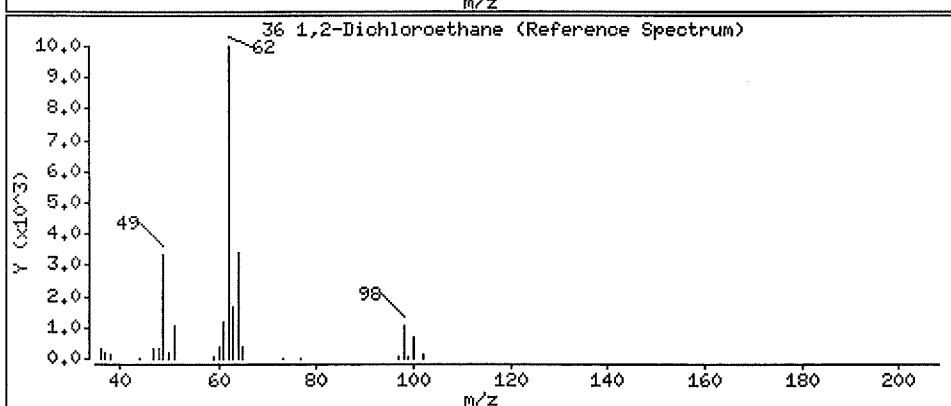
Column diameter: 0.53

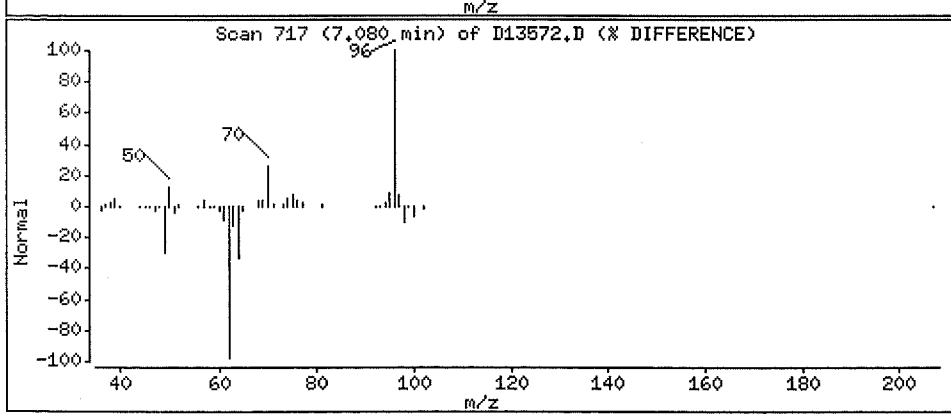
36 1,2-Dichloroethane

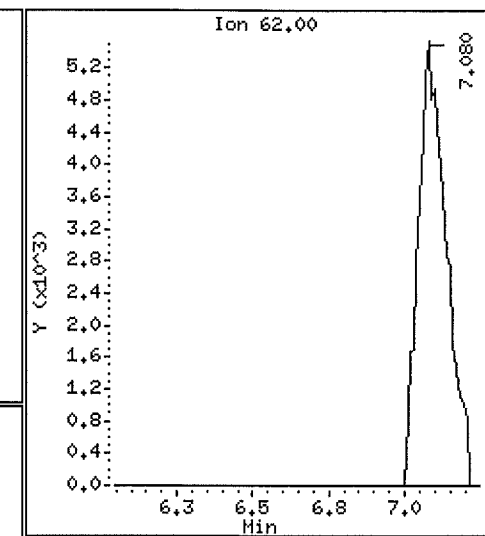
Concentration: 1.67 ug/Kg

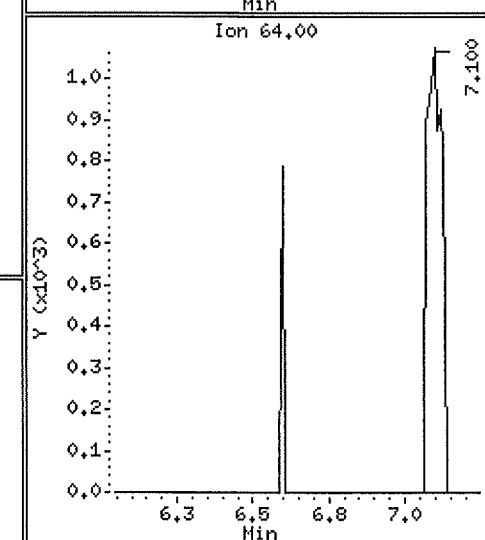


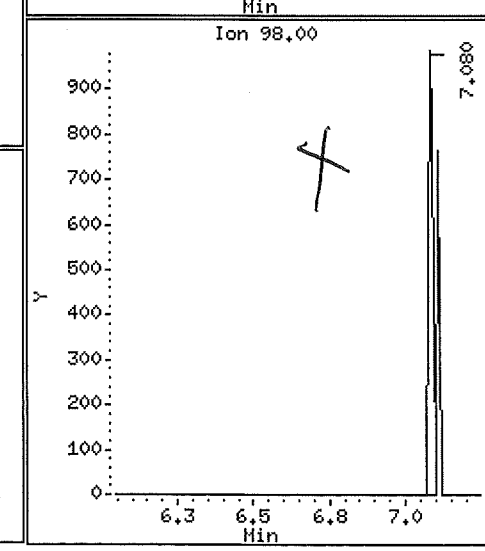












Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13572.D

Date : 30-OCT-2000 10:10

Client ID: D13572

Instrument: md.i

Sample Info: DNCJT1AA,,2,,0,1,0,8260BDA.M,D13572

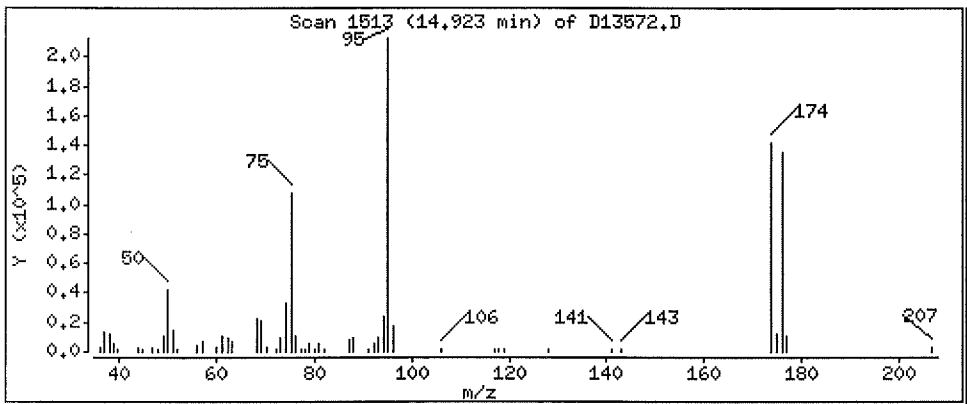
Operator: GFB

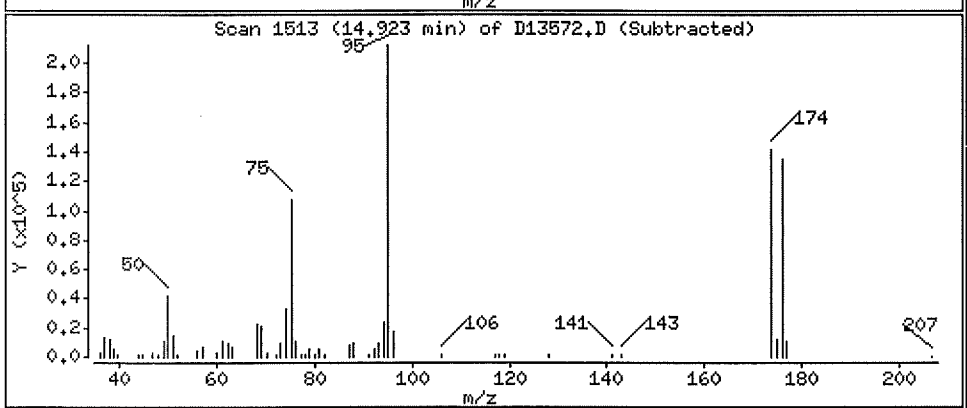
Column phase: J&W DB-624

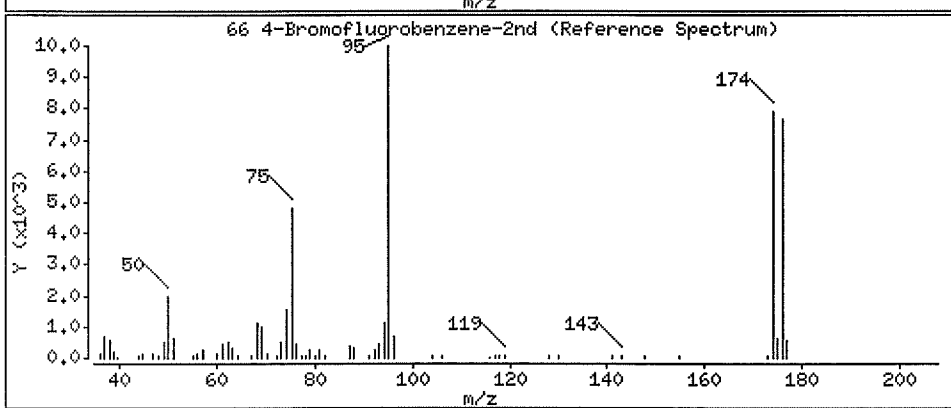
Column diameter: 0.53

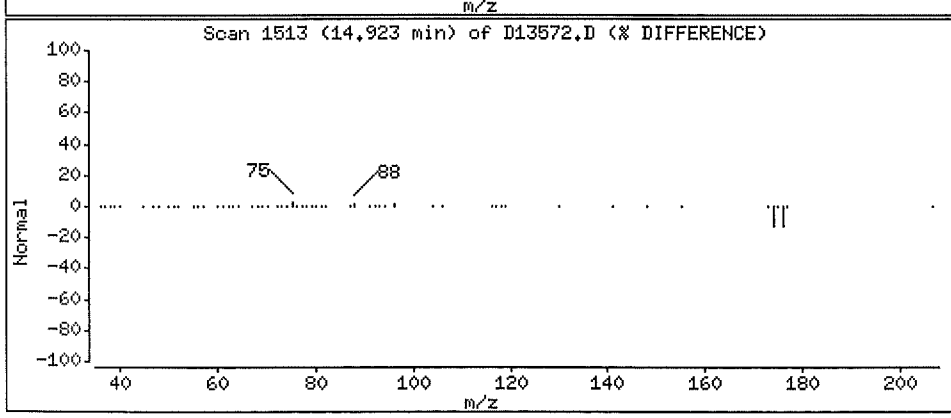
66 4-Bromofluorobenzene-2nd

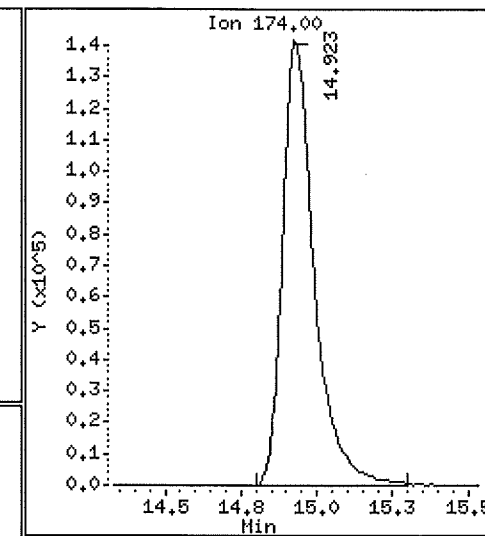
Concentration: 47.00 ug/Kg

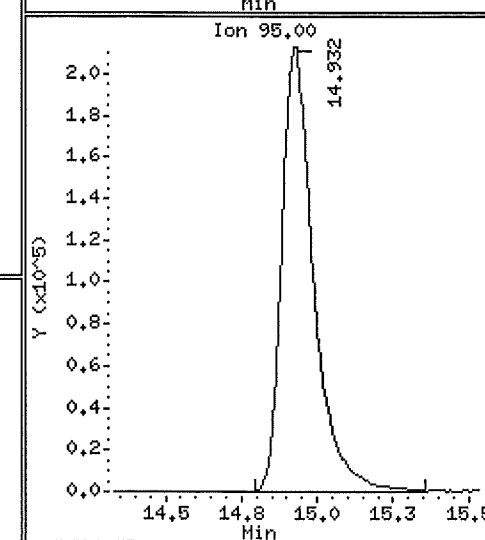


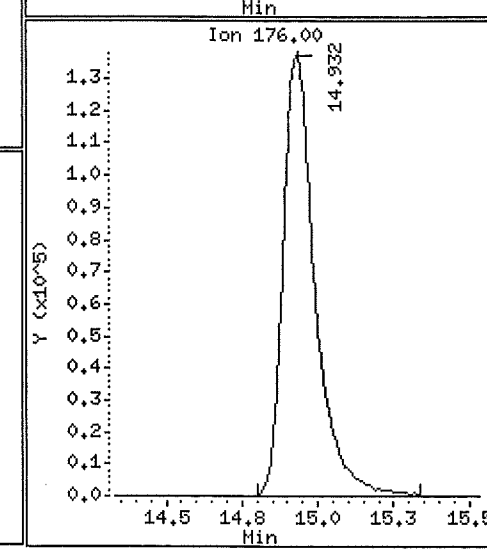












Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13572.D

Date : 30-OCT-2000 10:10

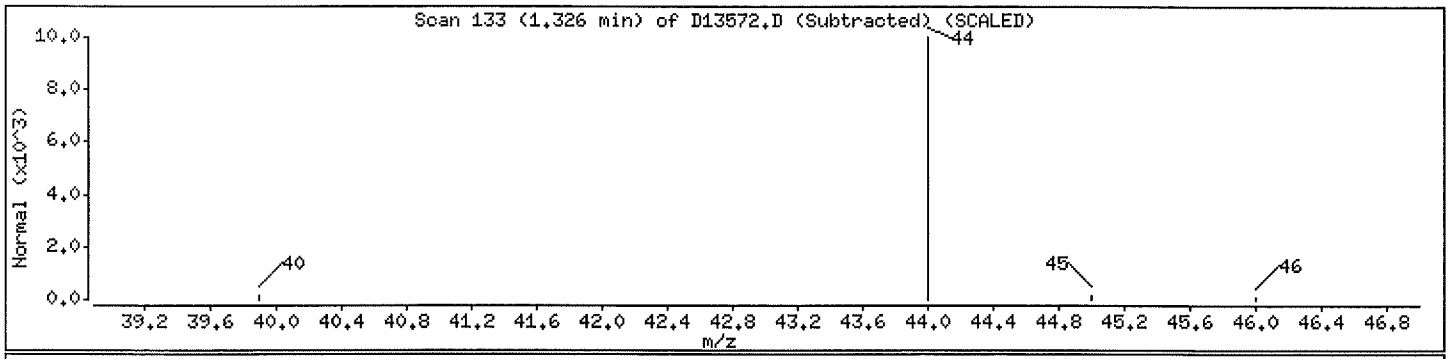
Client ID: D13572 Instrument: md.i

Sample Info: DNCJT1AA,,2,,0,1,0,8260BDA.M,D13572

Operator: GFB

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



X

Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13572.D

Date : 30-OCT-2000 10:10

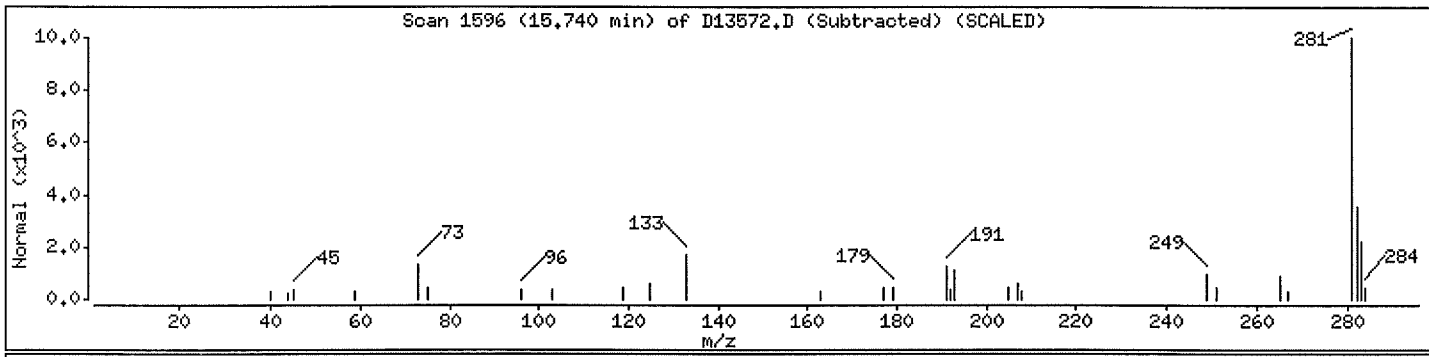
Client ID: D13572 Instrument: md.i

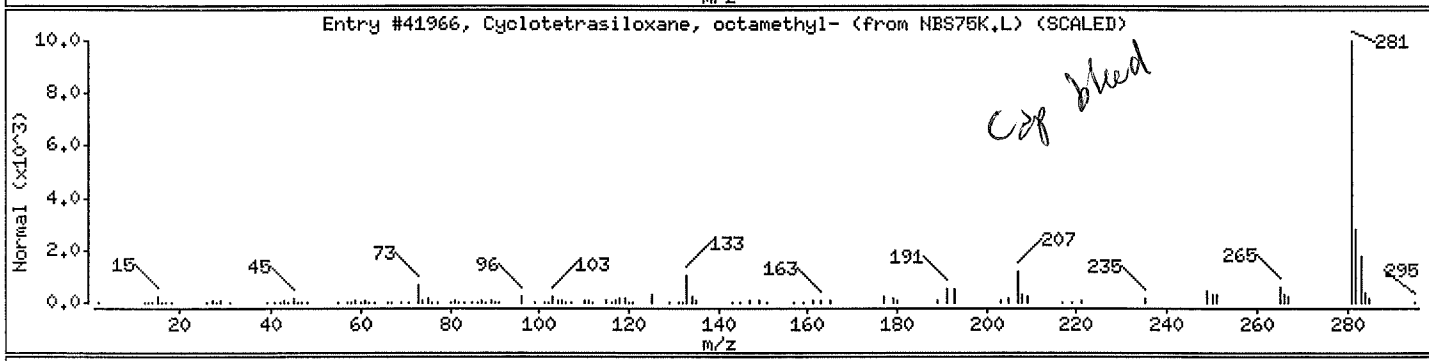
Sample Info: DNCJT1AA,,2,,0,1,0,8260BDA.M,D13572

Operator: GFB

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NBS75K.L	41966	72	C8H24O4Si4	296





STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1030AD.B\D13573.D
Lab Smp Id: DNCJW1AA Client Smp ID: D13573
Inj Date : 30-OCT-2000 10:41
Operator : GFB Inst ID: md.i
Smp Info : DNCJW1AA,,2,,0,1,0,8260BDA.M,D13573
Misc Info : 165-29,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m
Meth Date : 30-Oct-2000 09:14 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.959	5.979	(0.843)	1350780	50.2444	50.24
$ 33 1,2-Dichloroethane-d4	65	6.500	6.520	(0.919)	846887	43.2070	43.21
34 1,2-Dichloroethane-d4 2nd	102	6.500	6.511	(0.919)	210209	49.5898	49.59
36 1,2-Dichloroethane	62	7.072	6.648	(1.000)	36244	1.66499	1.66(aQ)
* 38 Fluorobenzene	96	7.072	7.092	(1.000)	2273953	50.0000	
$ 47 Toluene-d8	98	9.890	9.900	(0.786)	2185631	47.8851	47.88
* 56 Chlorobenzene-d5	117	12.589	12.599	(1.000)	1930679	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.924	14.934	(0.866)	1048955	45.9443	45.94
$ 67 4-Bromofluorobenzene	95	14.924	14.934	(0.866)	1608614	42.4905	42.49
* 79 1,4-Dichlorobenzene-d4	152	17.230	17.240	(1.000)	1211965	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1030AD.B\D13573.D
Lab Smp Id: DNCJW1AA Client Smp ID: D13573
Inj Date : 30-OCT-2000 10:41
Operator : GFB Inst ID: md.i
Smp Info : DNCJW1AA,,2,,0,1,0,8260BDA.M,D13573
Misc Info : 165-29,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1030AD.B\8260BDA.m
Meth Date : 30-Oct-2000 09:14 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.072	5314060	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.318	1358347	12.7806847	12.78	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCJW1AA
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13573
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ NJ	1.318	12.78	J

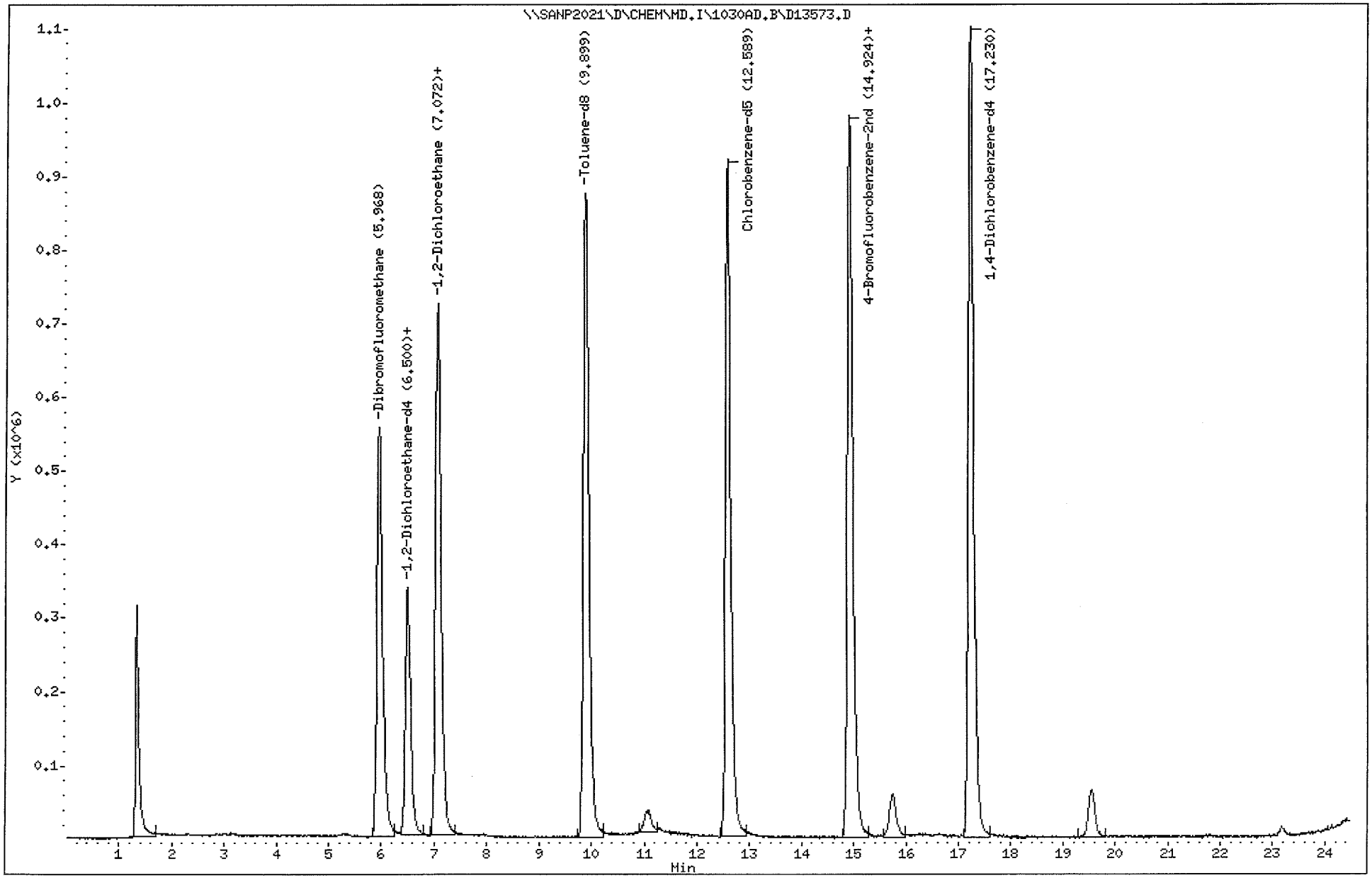
Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13573.D
Date : 30-OCT-2000 10:41
Client ID: D13573
Sample Info: DNCJW1AA,,2,,0,1,0,8260BDA.M,D13573

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000795

BOE-C6-0175826

Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13573.D

Date : 30-OCT-2000 10:41

Client ID: D13573

Instrument: md.i

Sample Info: DNCJW1AA,,2,,0,1,0,8260BDA.M,D13573

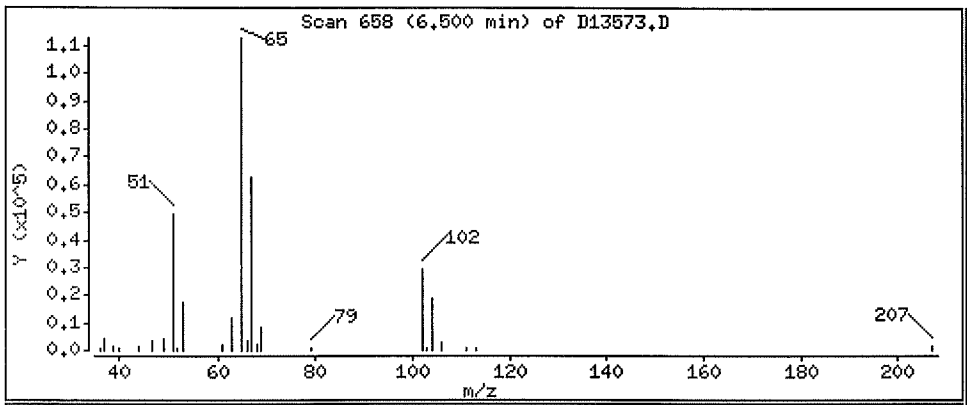
Operator: GFB

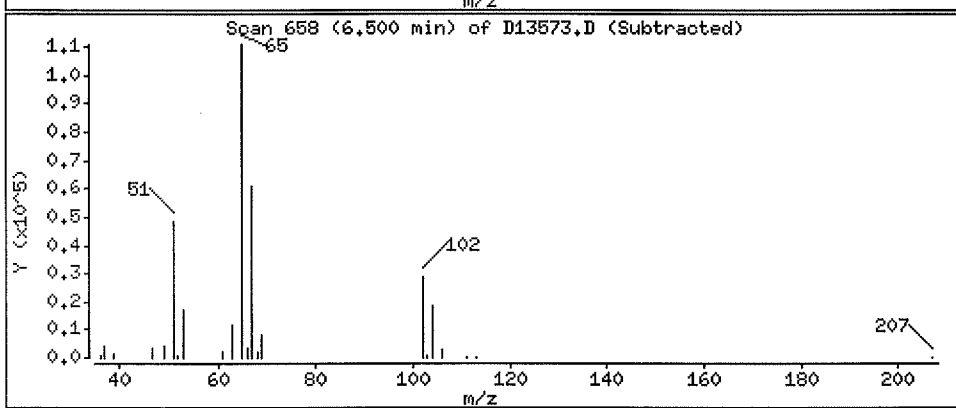
Column phase: J&W DB-624

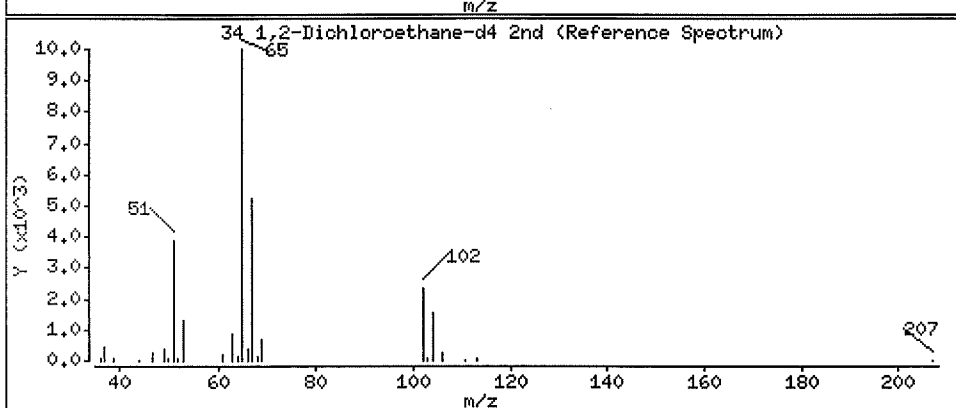
Column diameter: 0.53

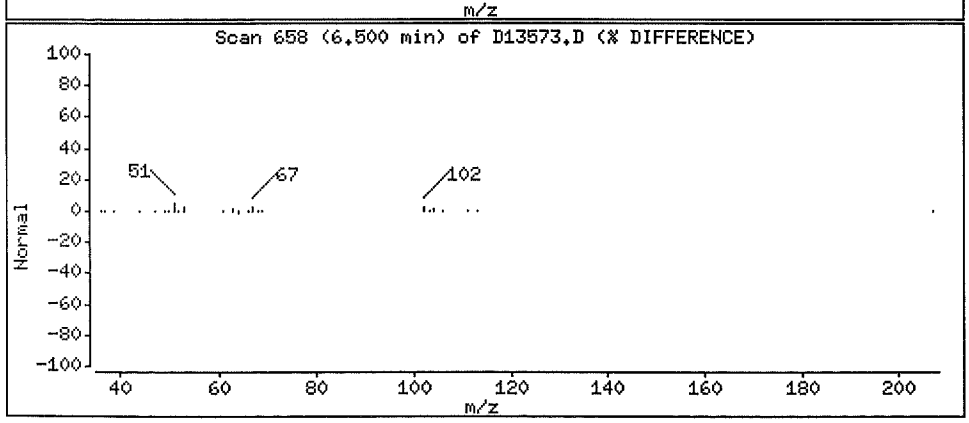
34 1,2-Dichloroethane-d4 2nd

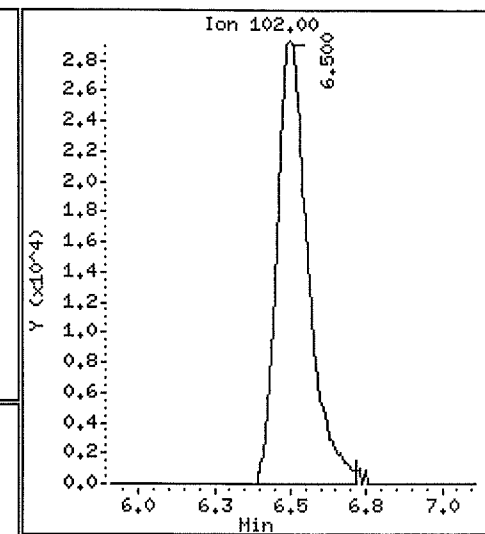
Concentration: 49.59 ug/Kg

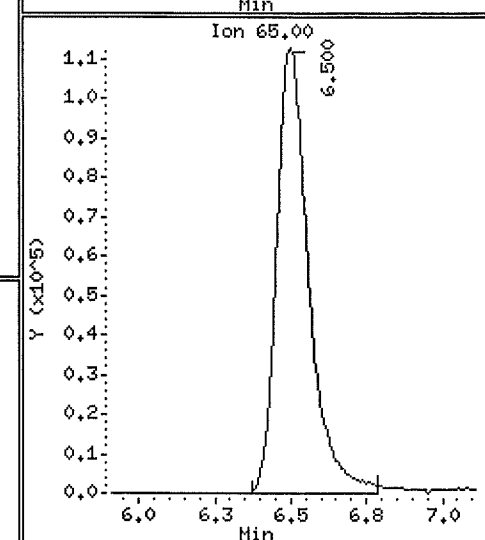












Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13573.D

Date : 30-OCT-2000 10:41

Client ID: D13573

Instrument: md.i

Sample Info: DNCJW1AA,,2,,0,1,0,8260BDA.M,D13573

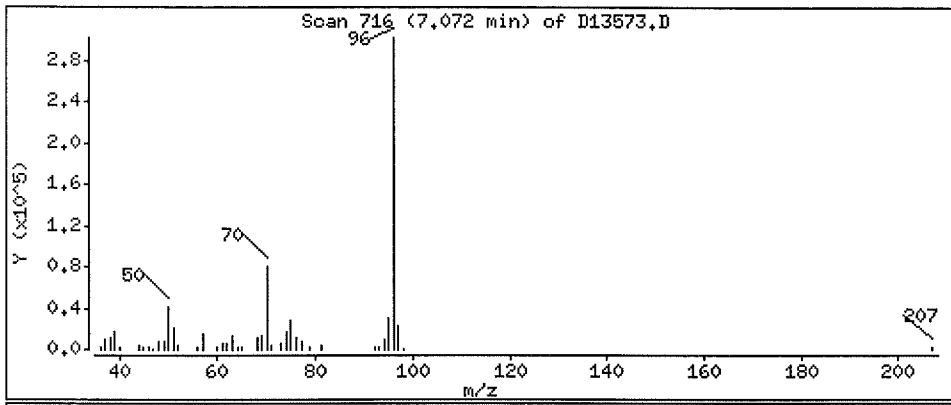
Operator: GFB

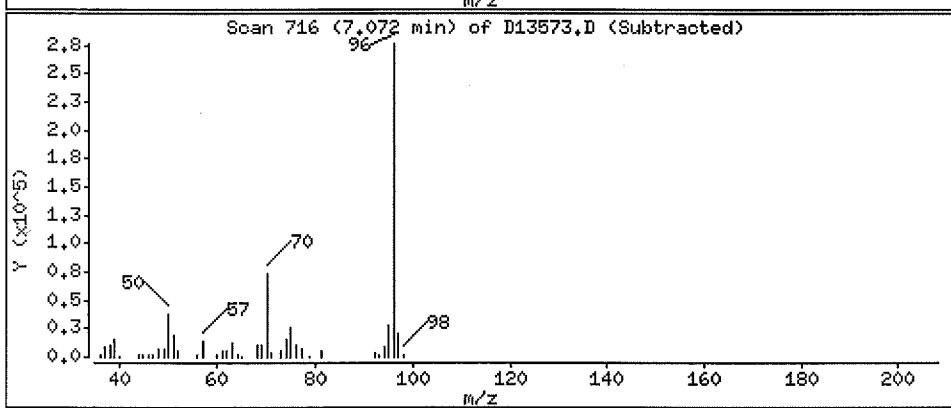
Column phase: J&W DB-624

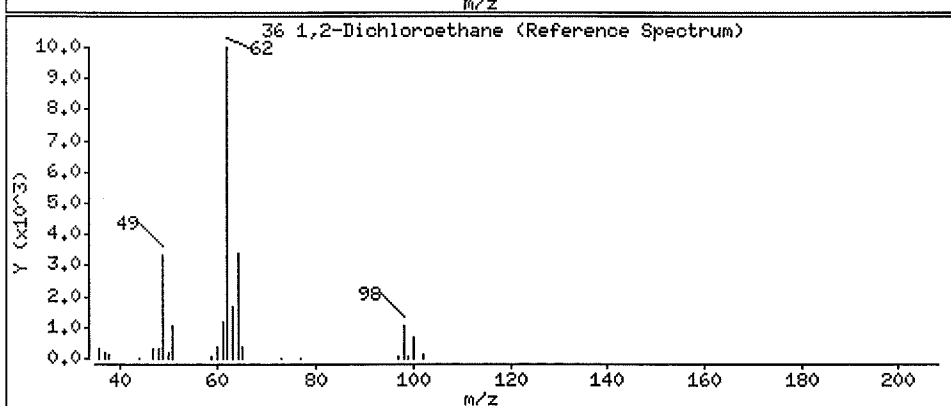
Column diameter: 0.53

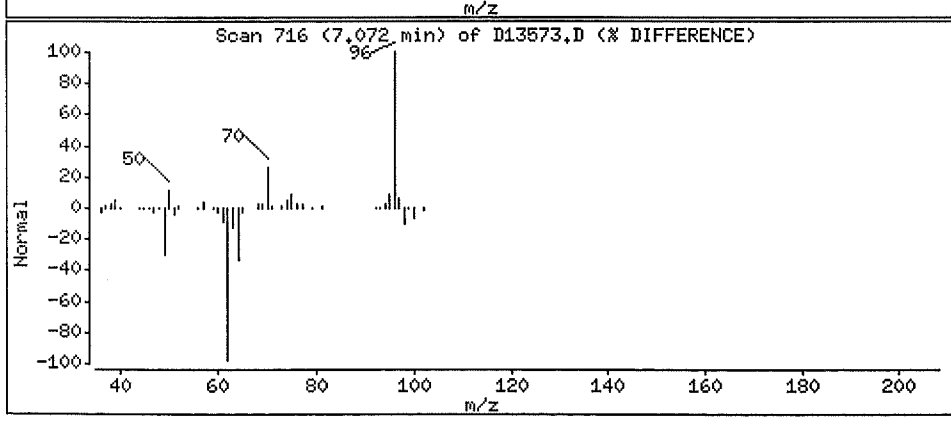
36 1,2-Dichloroethane

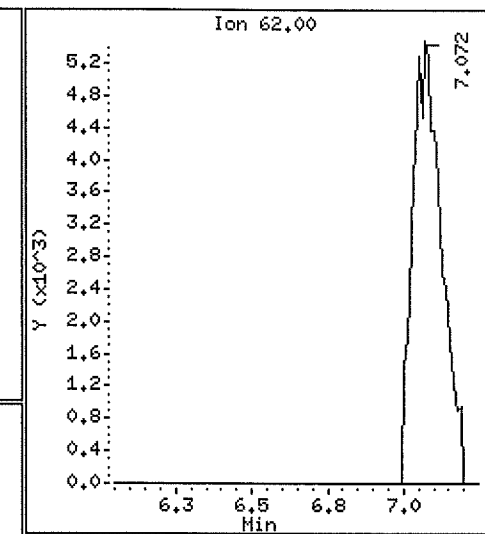
Concentration: 1.66 ug/Kg

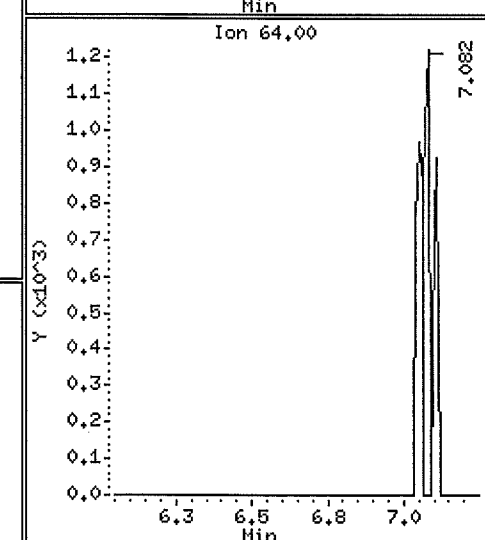


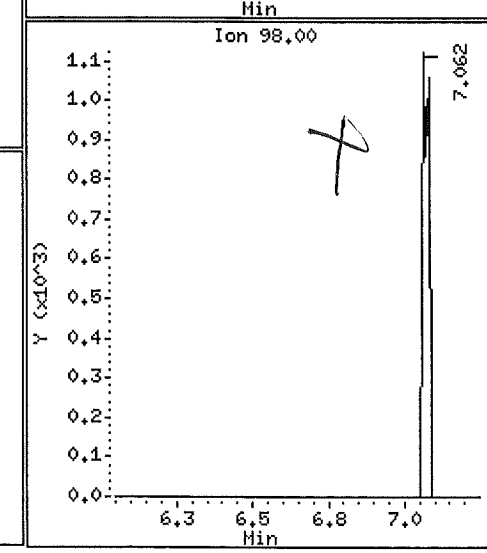












Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13573.D

Date : 30-OCT-2000 10:41

Client ID: D13573

Instrument: md.i

Sample Info: DNCJW1AA,,2,,0,1,0,8260BDA.M,D13573

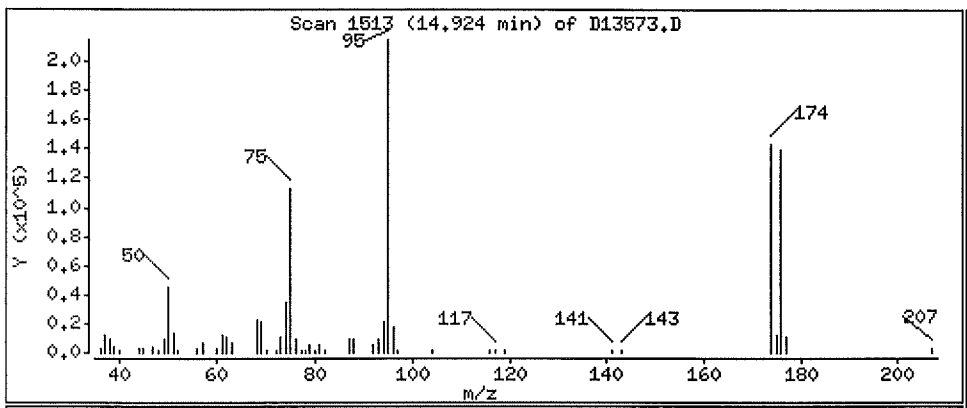
Operator: GFB

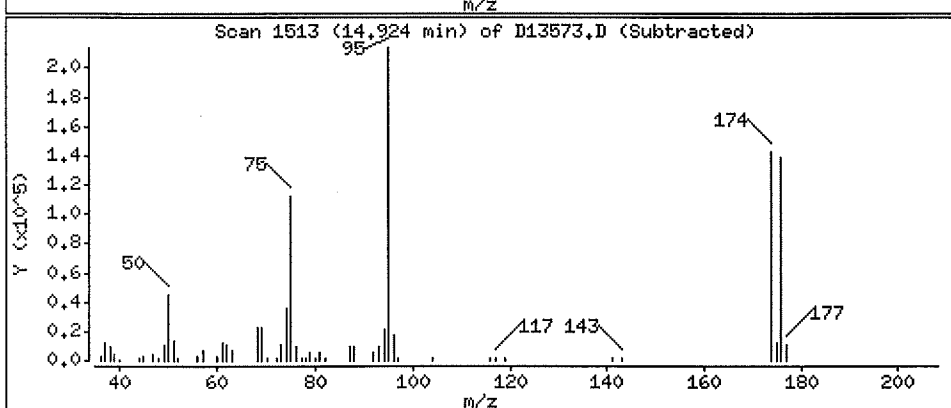
Column phase: J&W DB-624

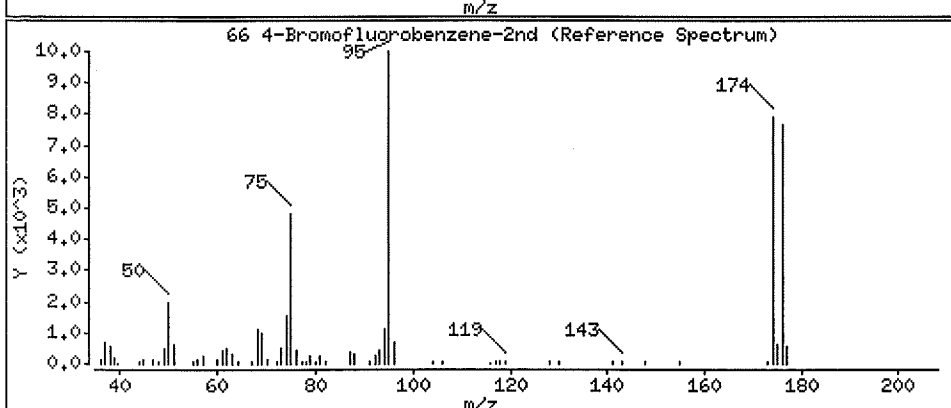
Column diameter: 0.53

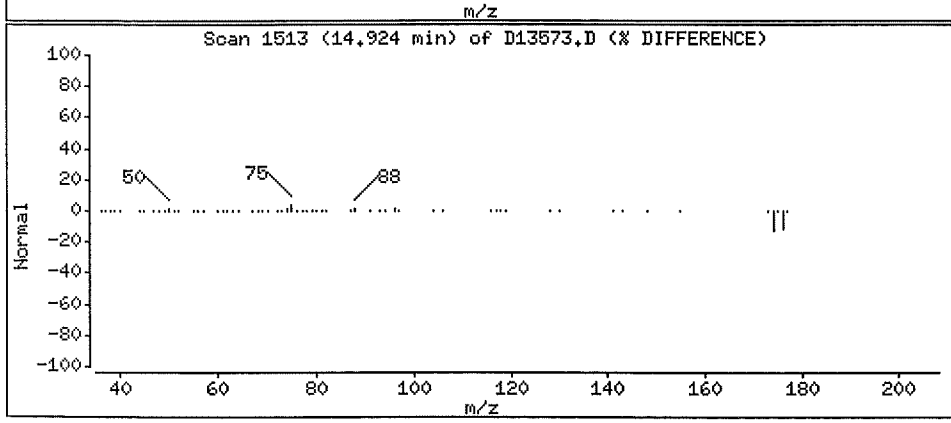
66 4-Bromofluorobenzene-2nd

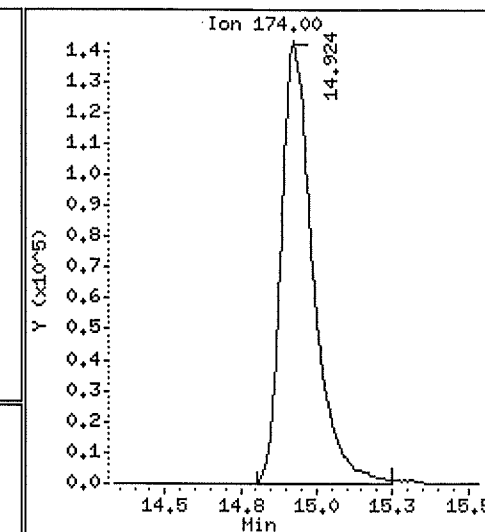
Concentration: 45.94 ug/Kg

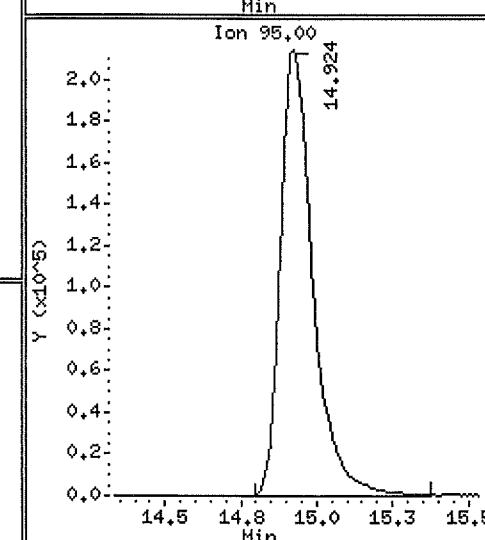


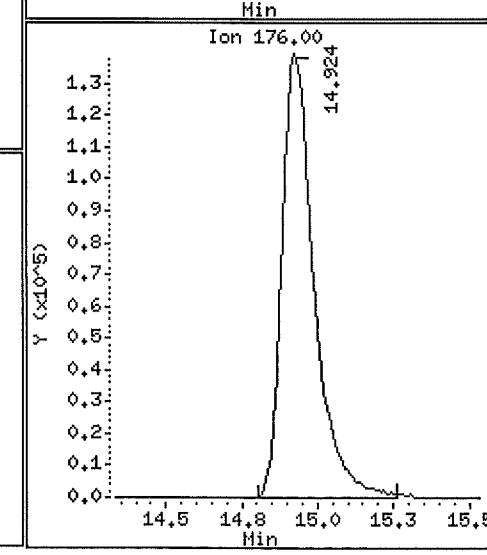












Data File: \\SANP2021\D\CHEM\MD.I\1030AD.B\D13573.D

Date : 30-OCT-2000 10:41

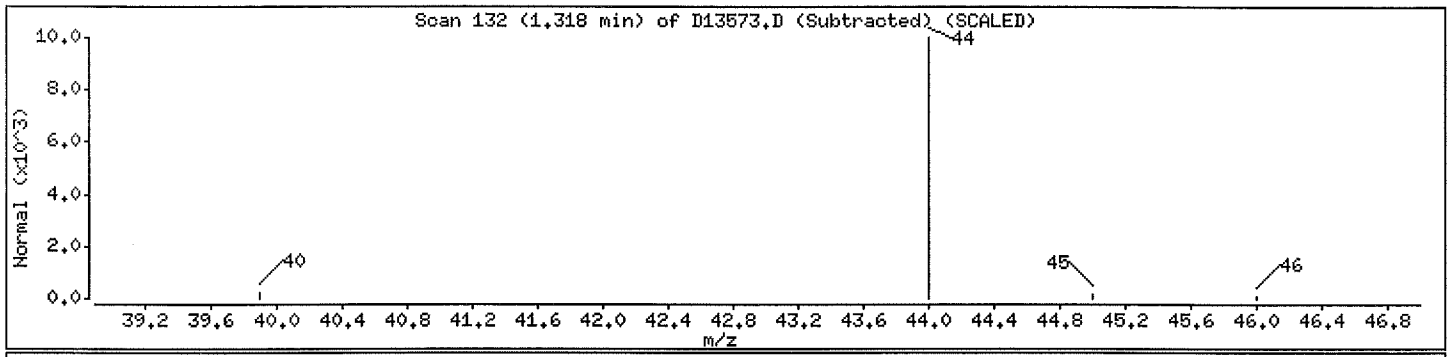
Client ID: D13573 Instrument: md.i

Sample Info: DNCJW1AA,,2,,0,1,0,8260BDA.M,D13573

Operator: GFB

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



8260B SAMPLE / QC DATA

DATE ANALYZED: 10/3/00

INSTRUMENT ID: MSD

SAMPLES: EO3180165-15

STL Los An

EJK 11/1/08

Batch ID: 030503

GC/MS VOA Run Log

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☑ 5030B ☐ 5035

Inst ID: MSD	EM Set: 1659	Tune File: BFB	Seq File: 1031AD
Init. Cal ID: 8260 BDA 10-24-00			Date: 10-31-00

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
7:27	BFB	DT 1613	50 ng BFB	—	—	1ul	—	—	✓			1265-2
7:43		DS 2602	50 ppb 8260B Std	1	S	5g	1	239	✓			1279-1; 85-1; 84-1
8:24		D 13611	LCS 1031AD	2				239	✓			1282-1
8:56		12	MB 1031AD	3				238	✓			
9:27		13	DNJXD1AD	4				231	✓			E0J200291-1
9:58		14	DNJXH1AD	5				231	✓			-2
10:29		15	DNJXK1AE	6				230	✓			-3
11:01		16	DNJXM1AE	7				226	✓			-4
11:33		17	DNJXN1AF	8				216	✓			-5
12:04		18	DNJXV1AE	9				220	✓			-6
12:35		19	DNJXW1AE	10				218	✓			-7
13:06		20	DNJXD1AE S	11				228	✓			-15 1282-1 0305284
13:38		21	DNJXD1AF D	12				227	✓			-10 ↓
14:09		22	DNJX01AE	13				219	✓			-9
14:40		23	DNJX11AE	14				211	✓			-10
15:11		24	DNJX21AE	15				214	✓			-11
15:42		25	DNJX61AE	16				215	✓			-13
16:13		26	DNJX71AE	17				214	✓			-14
16:44		27	DNJX81AD	18				216	✓			15
17:15		28	DNJX91AD	19				216	✓			16
17:46		29	DNJOA1AD	20				218	✓			17
18:17		30	DNJOD1AD	21				215	✓			18
18:48	↓	31	DNJOE1AD	22	↓	↓	↓	212	✓			19
19:20	↓	32	DNCG11AC	23	↓	↓	↓	212	✓			E0J180165-15

BOE-C6-0175832

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA86601

Lab File ID (Standard): DS2602 Date Analyzed: 10/31/00

Instrument ID: MD Time Analyzed: 0743

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	2389854	7.11	1867286	12.60	1191623	17.25
	UPPER LIMIT	4779708	7.61	3734572	13.10	2383246	17.75
	LOWER LIMIT	1194927	6.61	933643	12.10	595812	16.75
	EPA SAMPLE NO.						
01	D13611	2392945	7.08	1852383	12.59	1213255	17.24
02	D13612	2378708	7.08	1921682	12.61	1192892	17.24
03	D13613	2306383	7.08	1883091	12.60	1181976	17.24
04	D13614	2313251	7.08	1902719	12.59	1211184	17.24
05	D13615	2302277	7.08	1841272	12.59	1157766	17.24
06	D13616	2262751	7.08	1824986	12.60	1138938	17.24
07	D13617	2160577	7.08	1687764	12.59	885446	17.23
08	D13618	2201971	7.09	1789101	12.59	1113809	17.23
09	D13619	2181816	7.09	1751542	12.58	1101932	17.23
10	D13620	2280009	7.09	1791900	12.59	1170058	17.24
11	D13621	2273967	7.09	1792307	12.59	1130362	17.23
12	D13622	2192682	7.09	1758450	12.59	1077607	17.24
13	D13623	2113312	7.07	1692051	12.58	1045316	17.23
14	D13624	2140918	7.09	1722948	12.59	1069376	17.23
15	D13625	2150131	7.09	1717317	12.59	1024905	17.24
16	D13626	2144774	7.08	1759600	12.59	1090708	17.24
17	D13627	2159494	7.09	1747080	12.59	1098129	17.24
18	D13628	2162714	7.08	1768327	12.59	1090155	17.23
19	D13629	2183554	7.08	1775955	12.59	1106021	17.24
20	D13630	2156727	7.09	1773821	12.60	1101305	17.23
21	D13631	2105469	7.09	1710104	12.59	1042857	17.24
22	D13632	2122654	7.08	1715572	12.60	1071497	17.25

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

Data File: \\SANP2021\D\CHEM\MD.I\1031AD.B\DT1613.D

Date : 31-OCT-2000 07:27

Client ID:

Instrument: md.i

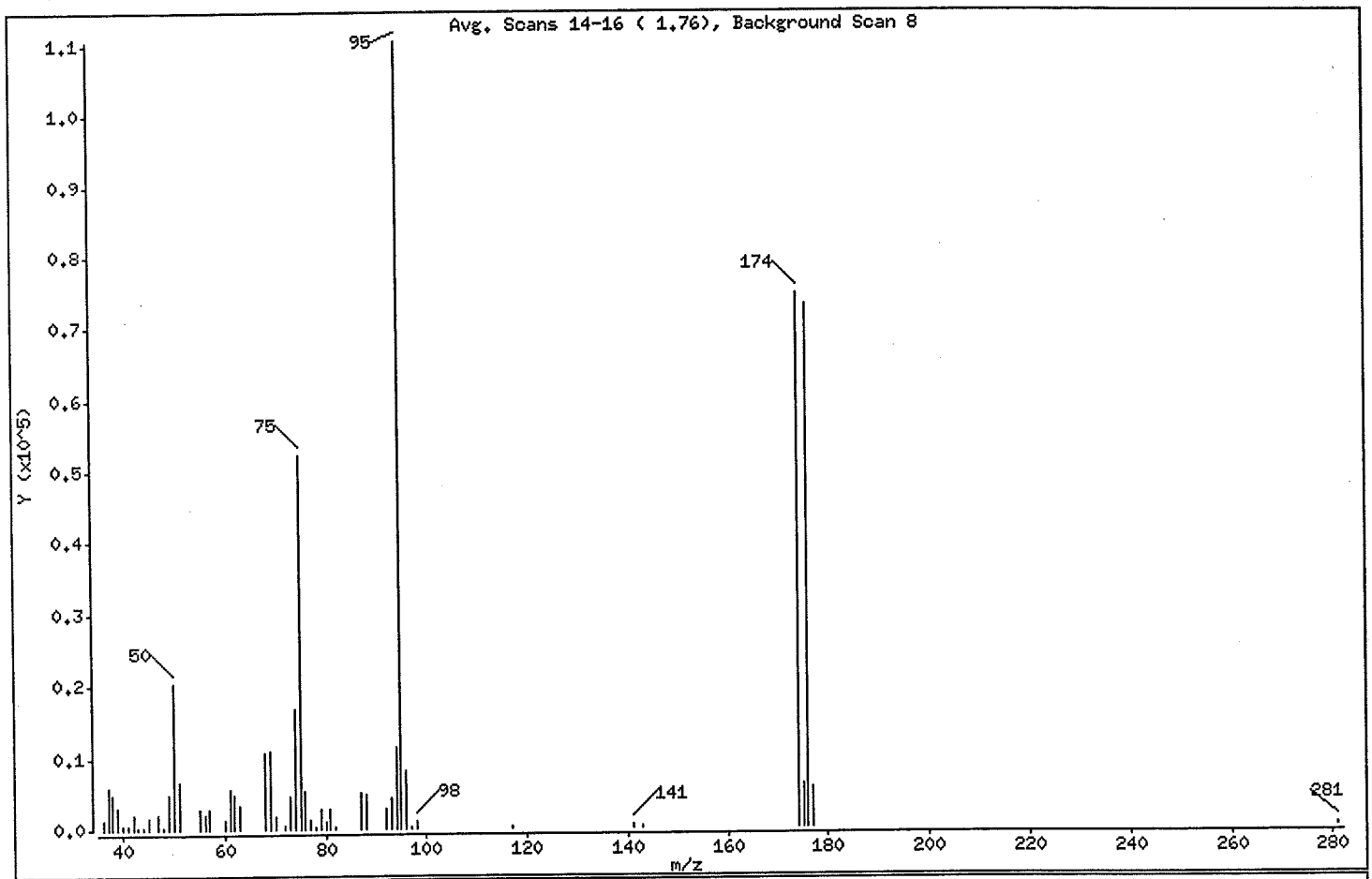
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.40
75	30.00 - 60.00% of mass 95	47.41
96	5.00 - 9.00% of mass 95	7.38
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	67.54
175	5.00 - 9.00% of mass 174	5.53 (8.18)
176	95.00 - 101.00% of mass 174	66.21 (98.03)
177	5.00 - 9.00% of mass 176	5.15 (7.77)

GFB 10/31/00

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1031AD.B\DT1613.D
Lab Smp Id:
Inj Date : 31-OCT-2000 07:27
Operator : GFB
Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1265-2,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1031AD.B\BFB.M
Meth Date : 11-Jul-2000 09:15
Quant Type: ISTD
Cal Date :
Cal File:
Als bottle: 2
QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: all.sub
Target Version: 4.00
Sample Matrix: WATER
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
1.7641	1.8000	(0.000)	95	110442			0.00- 100.00	100.00
1.7641	1.8000	(0.000)	50	20317			15.00- 40.00	18.40
1.7641	1.8000	(0.000)	75	52360			30.00- 60.00	47.41
1.7641	1.8000	(0.000)	96	8146			5.00- 9.00	7.38
1.7641	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7641	1.8000	(0.000)	174	74594			50.00- 0.00	67.54
1.7641	1.8000	(0.000)	175	6103			5.00- 9.00	8.18
1.7641	1.8000	(0.000)	176	73125			95.00- 101.00	98.03
1.7641	1.8000	(0.000)	177	5685			5.00- 9.00	7.77

Data File: \\SANP2021\D\CHEM\MD.I\1031AD.B\DT1613.D

Date : 31-OCT-2000 07:27

Client ID:

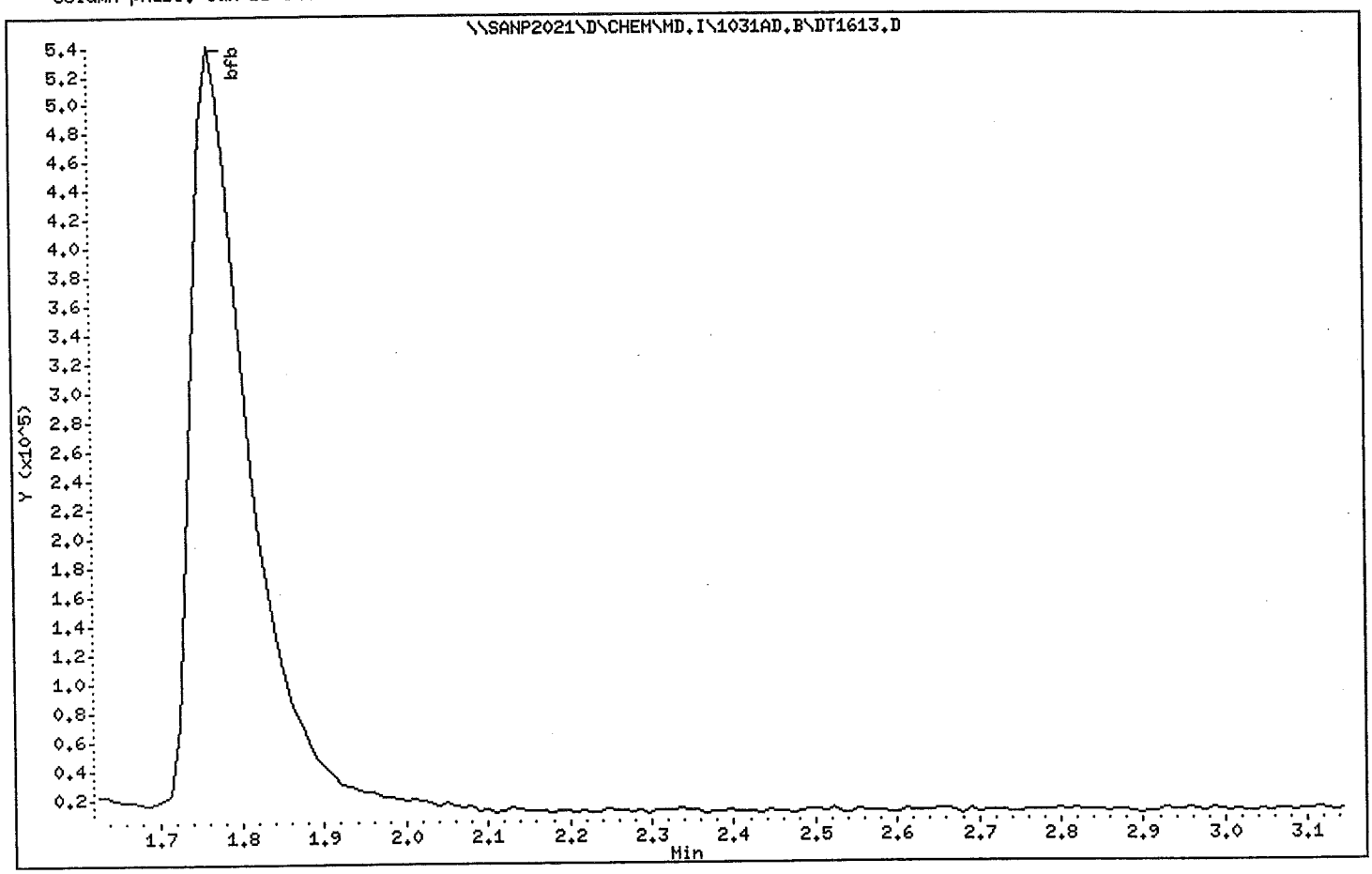
Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1031AD.B\DT1613.D

Date : 31-OCT-2000 07:27

Client ID:

Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1613.D
Spectrum: Avg. Scans 14-16 (1.76), Background Scan 8
Location of Maximum: 95.00
Number of points: 53

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1353	51.00	6630	75.00	52360	96.00	8146
37.00	5868	55.00	2908	76.00	5367	97.00	256
38.00	4794	56.00	1905	77.00	1316	98.00	1117
39.00	3007	57.00	2917	78.00	312	117.00	265
40.00	625	60.00	1230	79.00	2730	141.00	506
41.00	528	61.00	5551	80.00	992	143.00	269
42.00	1930	62.00	4754	81.00	2672	174.00	74592
43.00	310	63.00	3307	82.00	302	175.00	6103
44.00	234	68.00	10688	87.00	5024	176.00	73120
45.00	1438	69.00	10972	88.00	4708	177.00	5685
47.00	1906	70.00	1742	92.00	2816	281.00	158
48.00	260	72.00	530	93.00	4340		
49.00	4740	73.00	4680	94.00	11503		
50.00	20312	74.00	16664	95.00	110440		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2602.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1031AD.B\8260BDA.m

Injection Date: 31-OCT-2000 07:43
Init. Cal. Date(s): 24-OCT-2000 24-OCT-2000
Init. Cal. Times: 12:13 14:20

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	1 Dichlorodifluoromethane	0.35932	0.35118	0.010	-2.3	50.0
	2 Vinyl chloride (*)	0.24059	0.25115	0.010	4.4	20.0
	3 Chloromethane (**)	0.27602	0.24058	0.100	-12.8	50.0
	4 Bromomethane	0.15127	0.18255	0.010	20.7	50.0
	5 Chloroethane	0.12884	0.16325	0.010	26.7	50.0
	6 Trichlorofluoromethane	0.53680	0.62859	0.010	17.1	50.0
	7 Acrolein	0.01768	0.01524	0.001	-13.8	50.0
	8 1,1-Dichloroethene(*)	0.24399	0.21275	0.010	-12.8	20.0
	9 1,1,2-Trichlorotrifluoroeth	0.30468	0.28285	0.010	-7.2	50.0
	10 Acetone	0.06482	0.05607	0.010	-13.5	50.0
	11 Iodomethane	0.27257	0.32756	0.001	20.2	50.0
	12 Carbon disulfide	0.54902	0.46724	0.010	-14.9	50.0
	13 Methylene chloride	0.27188	0.26176	0.010	-3.7	50.0
	14 t-Butanol	0.00651	0.00546	0.001	-16.2	20.0
	15 trans-1,2-Dichloroethene	0.28525	0.27936	0.010	-2.1	50.0
	16 Acrylonitrile	0.05231	0.05328	0.001	1.9	20.0
	17 Methyl-tert-butyl ether[MTB	0.71954	0.67246	0.010	-6.5	50.0
	18 1,1-Dichloroethane (**)	0.54274	0.51153	0.100	-5.7	50.0
	19 Vinyl acetate	0.79238	0.68377	0.010	-13.7	50.0
	20 Isopropyl ether	1.13268	0.96211	0.010	-15.1	20.0
	21 2,2-Dichloropropane	0.53598	0.49069	0.010	-8.5	50.0
	22 Tert-butyl ethyl ether	0.98904	0.83281	0.010	-15.8	20.0
	23 cis-1,2-Dichloroethene	0.30423	0.30728	0.010	1.0	50.0
	24 2-Butanone	0.11740	0.10678	0.010	-9.0	50.0
	25 Bromochloromethane	0.18007	0.20567	0.010	14.2	50.0
	26 Chloroform (*)	0.69643	0.67575	0.010	-3.0	20.0
	27 Tetrahydrofuran	0.09862	0.09139	0.010	-7.3	50.0
M	28 1,2-Dichloroethene (total)	0.29474	0.29332	0.010	-0.5	50.0
$	29 Dibromofluoromethane	0.59113	0.61067	0.010	3.3	50.0
	30 1,1,1-Trichloroethane	0.62645	0.60185	0.010	-3.9	50.0
	31 Carbon Tetrachloride	0.57812	0.57152	0.010	-1.1	50.0
	32 1,1-Dichloropropene	0.53688	0.52201	0.010	-2.8	50.0
$	33 1,2-Dichloroethane-d4	0.43098	0.37518	0.010	-12.9	50.0
	34 1,2-Dichloroethane-d4 2nd	0.09321	0.09886	0.010	6.1	50.0
	35 Benzene	0.89846	0.86426	0.010	-3.8	50.0

GBB 10/31/00

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 31-OCT-2000 07:43
Lab File ID: DS2602.D Init. Cal. Date(s): 24-OCT-2000 24-OCT-2000
Analysis Type: SOIL Init. Cal. Times: 12:13 14:20
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1031AD.B\8260BDA.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	36 1,2-Dichloroethane	0.47865	0.42834	0.010	-10.5	50.0
	37 Tert-amyl methyl ether	0.96596	0.85327	0.010	-11.7	20.0
	39 Trichloroethene	0.39012	0.41930	0.010	7.5	50.0
	40 1,2-Dichloropropane(*)	0.40033	0.37357	0.010	6.7	20.0
	41 Dibromomethane	0.33551	0.31866	0.010	-5.0	50.0
	42 Bromodichloromethane	0.68558	0.66181	0.010	-3.5	50.0
	43 1-Bromo-2-chloroethane	0.62726	0.49209	0.010	-21.5	50.0
	44 2-Chloroethylvinyl ether	0.05840	0.05955	0.010	2.0	20.0
	45 cis-1,3-Dichloropropene	0.59057	0.55454	0.010	-6.1	50.0
	46 4-Methyl-2-pentanone	0.36909	0.33877	0.010	-8.2	50.0
$	47 Toluene-d8	1.18205	1.20676	0.010	2.1	50.0
	48 Toluene (*)	1.31962	1.32868	0.010	0.7	20.0
	49 trans-1,3-Dichloropropene	0.65186	0.61611	0.010	-5.5	50.0
	50 1,1,2-Trichloroethane	0.45747	0.45562	0.010	-0.4	50.0
	51 Tetrachloroethene	0.45939	0.50024	0.010	8.9	50.0
	52 1,3-Dichloropropane	0.76925	0.74398	0.010	-3.3	50.0
	53 2-Hexanone	0.34052	0.31130	0.010	-8.6	50.0
	54 Dibromochloromethane	0.70662	0.71229	0.010	0.8	50.0
	55 1,2-Dibromoethane	0.63968	0.64266	0.010	0.5	50.0
	57 Chlorobenzene (**)	1.01584	1.06037	0.300	4.4	50.0
	58 1,1,1,2-Tetrachloroethane	0.53293	0.55566	0.010	4.3	50.0
	59 Ethylbenzene (*)	0.48544	0.50479	0.010	4.0	20.0
	60 m,p-Xylenes	0.59890	0.63456	0.010	6.0	50.0
	61 o-Xylene	0.59580	0.61898	0.010	3.9	50.0
	62 Styrene	0.95410	1.00176	0.010	5.0	50.0
M	63 Xylenes (total)	0.59787	0.62937	0.010	5.3	50.0
	64 Bromoform (**)	0.52838	0.55779	0.100	5.6	50.0
	65 Isopropylbenzene	1.76913	1.84208	0.010	4.1	50.0
	66 4-Bromofluorobenzene-2nd	0.94190	0.93207	0.010	-1.0	50.0
$	67 4-Bromofluorobenzene	1.56185	1.40702	0.010	-9.9	50.0
	68 Bromobenzene	0.88483	0.90863	0.010	2.7	50.0
	69 1,1,2,2-Tetrachloroethane(*	1.25607	1.14440	0.300	-8.9	50.0
	70 1,2,3-Trichloropropane	0.35090	0.34430	0.010	-1.9	50.0
	71 n-Propylbenzene	3.24826	2.89369	0.010	-10.9	50.0
	72 2-Chlorotoluene	0.69859	0.68448	0.010	-2.0	50.0
	73 4-Chlorotoluene	0.73473	0.73286	0.010	-0.3	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2602.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1031AD.B\8260BDA.m

Injection Date: 31-OCT-2000 07:43
Init. Cal. Date(s): 24-OCT-2000 24-OCT-2000
Init. Cal. Times: 12:13 14:20

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.46442	2.37203	0.010	-3.7	50.0
75 tert-Butylbenzene	2.52551	2.48775	0.010	-1.5	50.0
76 1,2,4-Trimethylbenzene	2.47398	2.40511	0.010	-2.8	50.0
77 sec-Butylbenzene	3.37956	3.33291	0.010	-1.4	50.0
78 1,3-Dichlorobenzene	1.48278	1.50116	0.010	1.2	50.0
80 1,4-Dichlorobenzene	1.57159	1.66060	0.010	5.7	50.0
81 p-Isopropyltoluene	2.62904	2.62927	0.010	0.0	50.0
82 1,2-Dichlorobenzene	1.42843	1.45361	0.010	1.8	50.0
83 n-Butylbenzene	2.66820	2.62232	0.010	-1.7	50.0
84 1,2-Dibromo-3-chloropropane	0.33197	0.32549	0.010	-2.0	50.0
85 1,2,4-Trichlorobenzene	1.13411	1.19340	0.010	5.2	50.0
86 Hexachlorobutadiene	0.61891	0.70598	0.010	14.1	50.0
87 Napthalene	2.14822	2.14145	0.010	-0.3	50.0
88 1,2,3-Trichlorobenzene	1.04576	1.09719	0.010	4.9	50.0

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\chem\md.i\1031AD.B/DS2602.D
Inj. Date : 31-OCT-2000 07:43

ICAL Mid Point : //SANP2021/D/chem/md.i/1024AD.B/DS2581.D
Inj. Date : 24-OCT-2000 13:16

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.09	7.11	-0.02	2508747	2389854	95.3%
Chlorobenzene-d5	12.60	12.60	0.01	1950718	1867286	95.7%
1,4-Dichlorobenzene-d4	17.24	17.25	-0.00	1222973	1191623	97.4%

8260B Area difference criteria: 50%-200%

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2602.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1031AD.B\8260BDA.m
Misc Info: 1279-1;85-1;84-1,,5,,2,all.SUB

Calibration Date: 31-OCT-2000
Calibration Time: 07:43

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2389854	1194927	4779708	2389854	0.00
56 Chlorobenzene-d5	1867286	933643	3734572	1867286	0.00
79 1,4-Dichlorobenze	1191623	595812	2383246	1191623	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.11	6.61	7.61	7.11	0.00
56 Chlorobenzene-d5	12.60	12.10	13.10	12.60	0.00
79 1,4-Dichlorobenze	17.25	16.75	17.75	17.25	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1031AD.B\DS2602.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 31-OCT-2000 07:43
Operator : GFB Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1279-1;85-1;84-1,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1031AD.B\8260BDA.m
Meth Date : 31-Oct-2000 08:07 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.474	1.474	(0.207)	839269	50.0000	48.87
2 Vinyl chloride (*)	62	1.710	1.710	(0.241)	600203	50.0000	52.19
3 Chloromethane (**)	50	1.641	1.641	(0.231)	574949	50.0000	43.58
4 Bromomethane	94	1.986	1.986	(0.279)	436260	50.0000	60.34
5 Chloroethane	64	2.095	2.095	(0.295)	390134	50.0000	63.35
6 Trichlorofluoromethane	101	2.311	2.311	(0.325)	1502227	50.0000	58.55
7 Acrolein	56	2.715	2.715	(0.382)	364174	500.000	430.9(AQ)
8 1,1-Dichloroethene(*)	96	2.804	2.804	(0.394)	508442	50.0000	43.60
9 1,1,2-Trichlorotrifluoroethan	151	2.814	2.814	(0.396)	675971	50.0000	46.42
10 Acetone	43	2.893	2.893	(0.407)	670033	250.000	216.2(Q)
11 Iodomethane	142	2.962	2.962	(0.417)	1565653	100.000	120.2(A)
12 Carbon disulfide	76	3.021	3.021	(0.425)	1116629	50.0000	42.55
13 Methylene chloride	84	3.346	3.346	(0.471)	625576	50.0000	48.14
14 t-Butanol	59	3.602	3.602	(0.507)	326105	1250.00	1048

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.691	3.691	(0.519)	667640	50.0000	48.97
	16 Acrylonitrile	53	3.671	3.671	(0.516)	1273280	500.000	509.3(AQ)
	17 Methyl-tert-butyl ether[MTBE]	73	3.730	3.730	(0.525)	1607086	50.0000	46.73
	18 1,1-Dichloroethane (**)	63	4.292	4.292	(0.604)	1222492	50.0000	47.12
	19 Vinyl acetate	43	4.420	4.420	(0.622)	3268234	100.000	86.29
	20 Isopropyl ether	45	4.449	4.449	(0.626)	2299314	50.0000	42.47
	21 2,2-Dichloropropane	77	5.168	5.168	(0.727)	1172670	50.0000	45.77
	22 Tert-butyl ethyl ether	59	5.021	5.021	(0.706)	1990296	50.0000	42.10
	23 cis-1,2-Dichloroethene	96	5.188	5.188	(0.730)	734343	50.0000	50.50
	24 2-Butanone	43	5.277	5.277	(0.742)	1275922	250.000	227.4
	25 Bromochloromethane	128	5.572	5.572	(0.784)	491515	50.0000	57.11
	26 Chloroform (*)	83	5.730	5.730	(0.806)	1614944	50.0000	48.52
	27 Tetrahydrofuran	42	5.681	5.681	(0.799)	218417	50.0000	46.34
M	28 1,2-Dichloroethene (total)	100				1401983	100.000	99.47
$	29 Dibromofluoromethane	111	5.996	5.996	(0.843)	1459413	50.0000	51.65
	30 1,1,1-Trichloroethane	97	5.976	5.976	(0.841)	1438323	50.0000	48.04
	31 Carbon Tetrachloride	117	6.252	6.252	(0.879)	1365860	50.0000	49.43
	32 1,1-Dichloropropene	75	6.262	6.262	(0.881)	1247533	50.0000	48.62
$	33 1,2-Dichloroethane-d4	65	6.528	6.528	(0.918)	896619	50.0000	43.52
	34 1,2-Dichloroethane-d4 2nd	102	6.538	6.538	(0.920)	236261	50.0000	53.03
	35 Benzene	78	6.597	6.597	(0.928)	2065450	50.0000	48.10
	36 1,2-Dichloroethane	62	6.666	6.666	(0.938)	1023659	50.0000	44.74
	37 Tert-amyl methyl ether	73	6.893	6.893	(0.970)	2039180	50.0000	44.17
*	38 Fluorobenzene	96	7.109	7.109	(1.000)	2389854	50.0000	
	39 Trichloroethene	130	7.740	7.740	(1.089)	1002077	50.0000	53.74
	40 1,2-Dichloropropane(*)	63	8.124	8.124	(1.143)	892772	50.0000	46.66
	41 Dibromomethane	93	8.321	8.321	(1.170)	761561	50.0000	47.49
	42 Bromodichloromethane	83	8.646	8.646	(1.216)	1581624	50.0000	48.27
	43 1-Bromo-2-chloroethane	63	9.159	9.159	(1.288)	1176030	50.0000	39.22
	44 2-Chloroethylvinyl ether	106	9.257	9.257	(1.302)	284622	100.000	102.0(A)
	45 cis-1,3-Dichloropropene	75	9.454	9.454	(1.330)	1325261	50.0000	46.95
	46 4-Methyl-2-pentanone	43	9.799	9.799	(1.378)	4048051	250.000	229.4
$	47 Toluene-d8	98	9.917	9.917	(0.787)	2253358	50.0000	51.04
	48 Toluene (*)	91	10.035	10.035	(0.797)	2481027	50.0000	50.34
	49 trans-1,3-Dichloropropene	75	10.508	10.508	(0.834)	1150447	50.0000	47.26
	50 1,1,2-Trichloroethane	97	10.833	10.833	(0.860)	850778	50.0000	49.80
	51 Tetrachloroethene	164	11.040	11.040	(0.876)	934096	50.0000	54.45
	52 1,3-Dichloropropane	76	11.119	11.119	(0.883)	1389226	50.0000	48.36
	53 2-Hexanone	43	11.365	11.365	(0.902)	2906424	250.000	228.5
	54 Dibromochloromethane	129	11.533	11.533	(0.916)	1330043	50.0000	50.40
	55 1,2-Dibromoethane	107	11.691	11.691	(0.928)	1200026	50.0000	50.23
*	56 Chlorobenzene-d5	117	12.597	12.597	(1.000)	1867286	50.0000	
	57 Chlorobenzene (**)	112	12.656	12.656	(1.005)	1980019	50.0000	52.19
	58 1,1,1,2-Tetrachloroethane	131	12.843	12.843	(1.020)	1037573	50.0000	52.13
	59 Ethylbenzene (*)	106	12.912	12.912	(1.025)	942594	50.0000	51.99
	60 m,p-Xylenes	106	13.159	13.159	(1.045)	2369824	100.000	106.0
	61 o-Xylene	106	13.907	13.907	(1.104)	1155803	50.0000	51.94

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
62 Styrene	104	13.947	13.947	(1.107)	1870575	50.0000	52.50
M 63 Xylenes (total)	100				3525628	150.000	157.9
64 Bromoform (**)	173	14.272	14.272	(1.133)	1041561	50.0000	52.78
65 Isopropylbenzene	105	14.676	14.676	(1.165)	3439686	50.0000	52.06
66 4-Bromofluorobenzene-2nd	174	14.942	14.942	(0.866)	1110672	50.0000	49.48
$ 67 4-Bromofluorobenzene	95	14.932	14.932	(0.866)	1676635	50.0000	45.04
68 Bromobenzene	156	15.178	15.178	(0.880)	1082739	50.0000	51.34
69 1,1,2,2-Tetrachloroethane(**)	83	15.326	15.326	(0.889)	1363690	50.0000	45.55
70 1,2,3-Trichloropropane	110	15.346	15.346	(0.890)	410272	50.0000	49.06
71 n-Propylbenzene	91	15.494	15.494	(0.898)	3448185	50.0000	44.54
72 2-Chlorotoluene	126	15.602	15.602	(0.905)	815640	50.0000	48.99
73 4-Chlorotoluene	126	15.829	15.829	(0.918)	873298	50.0000	49.87
74 1,3,5-Trimethylbenzene	105	15.878	15.878	(0.921)	2826564	50.0000	48.12
75 tert-Butylbenzene	119	16.508	16.508	(0.957)	2964465	50.0000	49.25
76 1,2,4-Trimethylbenzene	105	16.607	16.607	(0.963)	2865984	50.0000	48.61
77 sec-Butylbenzene	105	16.952	16.952	(0.983)	3971571	50.0000	49.31
78 1,3-Dichlorobenzene	146	17.099	17.099	(0.991)	1788818	50.0000	50.62
* 79 1,4-Dichlorobenzene-d4	152	17.247	17.247	(1.000)	1191623	50.0000	
80 1,4-Dichlorobenzene	146	17.297	17.297	(1.003)	1978808	50.0000	52.83
81 p-Isopropyltoluene	119	17.277	17.277	(1.002)	3133097	50.0000	50.00
82 1,2-Dichlorobenzene	146	18.026	18.026	(1.045)	1732152	50.0000	50.88
83 n-Butylbenzene	91	18.124	18.124	(1.051)	3124819	50.0000	49.14
84 1,2-Dibromo-3-chloropropane	157	19.641	19.641	(1.139)	387855	50.0000	49.02
85 1,2,4-Trichlorobenzene	180	21.346	21.346	(1.238)	1422083	50.0000	52.61
86 Hexachlorobutadiene	225	21.789	21.789	(1.263)	841260	50.0000	57.03
87 Napthalene	128	21.829	21.829	(1.266)	2551800	50.0000	49.84
88 1,2,3-Trichlorobenzene	180	22.341	22.341	(1.295)	1307440	50.0000	52.46

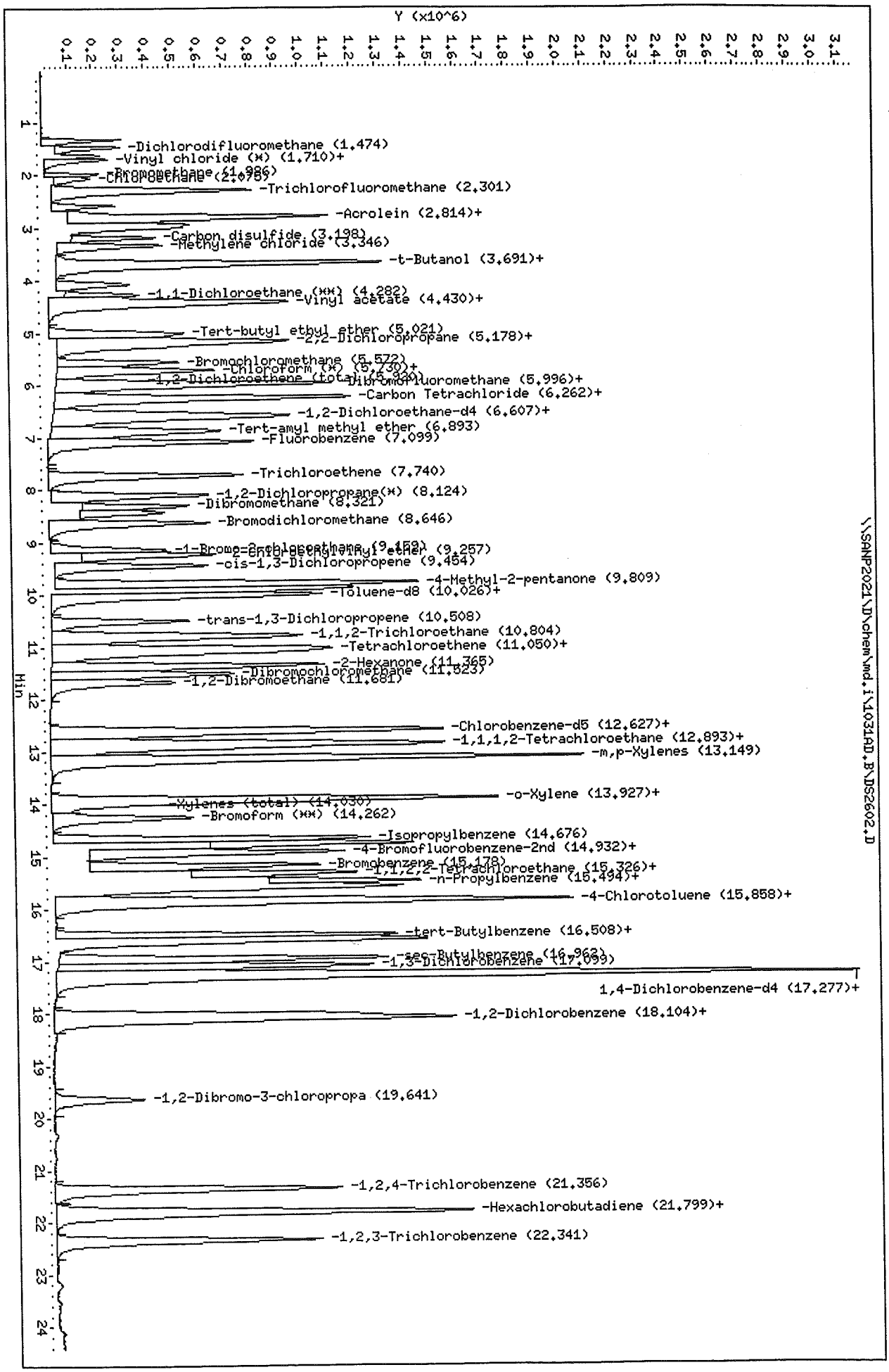
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\chem\md.i\1031AD.B\DS2602.D
Date : 31-OCT-2000 07:43
Client ID:
Sample Info: 50 PPB 8260B STD,,3,0,,,8260BDA.M

Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1031AD.B\D13611.D
Lab Smp Id: LCS-1031AD Client Smp ID: D13611
Inj Date : 31-OCT-2000 08:24
Operator : GFB Inst ID: md.i
Smp Info : LCS-1031AD,LCS,2,,0,1,0,8260BDA.M,D13611
Misc Info : 1282-1,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1031AD.B\8260BDA.m
Meth Date : 31-Oct-2000 08:07 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

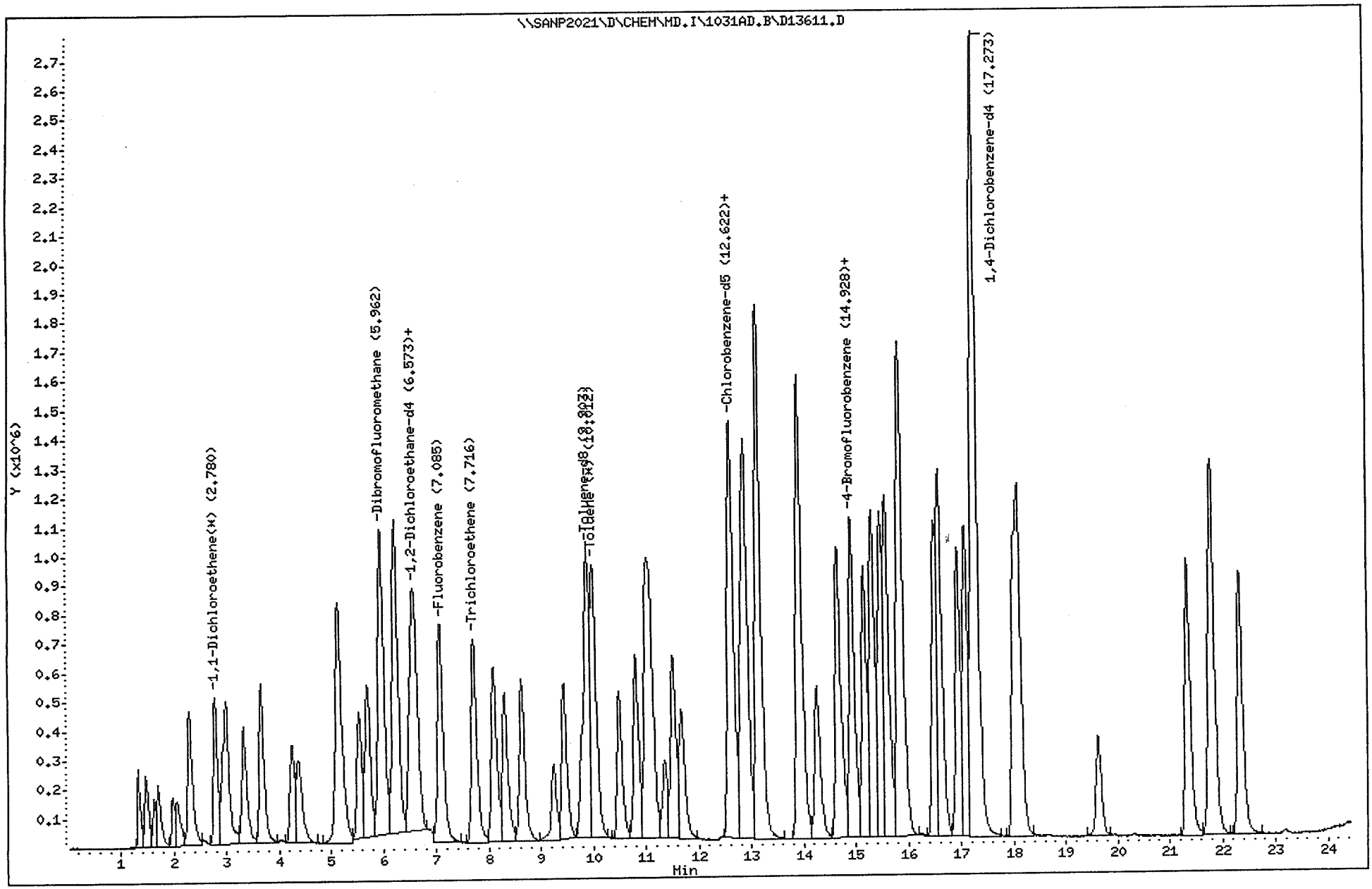
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.780	2.804	(0.393)	542256	46.4369	46.44
$ 29 Dibromofluoromethane	111	5.972	5.996	(0.844)	1508233	53.3115	53.31
$ 33 1,2-Dichloroethane-d4	65	6.504	6.528	(0.919)	944845	45.8076	45.81
34 1,2-Dichloroethane-d4 2nd	102	6.504	6.538	(0.919)	248317	55.6669	55.67
35 Benzene	78	6.573	6.597	(0.929)	1931250	44.9136	44.91
* 38 Fluorobenzene	96	7.075	7.109	(1.000)	2392945	50.0000	
39 Trichloroethene	130	7.716	7.740	(1.091)	934137	50.0318	50.03
$ 47 Toluene-d8	98	9.903	9.917	(0.786)	2352655	53.7231	53.72
48 Toluene (*)	91	10.021	10.035	(0.796)	2251675	46.0568	46.06
* 56 Chlorobenzene-d5	117	12.593	12.597	(1.000)	1852383	50.0000	
57 Chlorobenzene (**)	112	12.652	12.656	(1.005)	1771974	47.0837	47.08
$ 67 4-Bromofluorobenzene	95	14.938	14.932	(0.866)	1757308	46.3688	46.37
66 4-Bromofluorobenzene-2nd	174	14.928	14.942	(0.866)	1177727	51.5297	51.53
* 79 1,4-Dichlorobenzene-d4	152	17.243	17.247	(1.000)	1213255	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1031AD.B\D13611.D
Date : 31-OCT-2000 08:24
Client ID: D13611
Sample Info: LCS-1031AD,LCS,2,,0,1,0,8260BDA.M,D13611

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



000817

BOE-C6-0175848

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1031AD.B\D13612.D
Lab Smp Id: MB-1031AD Client Smp ID: D13612
Inj Date : 31-OCT-2000 08:56
Operator : GFB Inst ID: md.i
Smp Info : MB-1031AD,BLANK,2,,0,1,0,8260BDA.M,D13612
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1031AD.B\8260BDA.m
Meth Date : 31-Oct-2000 08:07 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.978	5.996	(0.844)	1371301	48.7614	48.76
$ 33 1,2-Dichloroethane-d4	65	6.510	6.528	(0.919)	856222	41.7595	41.76
34 1,2-Dichloroethane-d4 2nd	102	6.510	6.538	(0.919)	210236	47.4120	47.41
36 1,2-Dichloroethane	62	7.081	6.666	(1.000)	36237	1.59137	1.59(aQ)
* 38 Fluorobenzene	96	7.081	7.109	(1.000)	2378708	50.0000	
$ 47 Toluene-d8	98	9.909	9.917	(0.786)	2254084	49.6160	49.62
* 56 Chlorobenzene-d5	117	12.608	12.597	(1.000)	1921682	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.943	14.942	(0.867)	1092034	48.5959	48.60
$ 67 4-Bromofluorobenzene	95	14.933	14.932	(0.866)	1663665	44.6472	44.65
* 79 1,4-Dichlorobenzene-d4	152	17.239	17.247	(1.000)	1192892	50.0000	(Q)

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1031AD.B\D13612.D
Lab Smp Id: MB-1031AD Client Smp ID: D13612
Inj Date : 31-OCT-2000 08:56
Operator : GFB Inst ID: md.i
Smp Info : MB-1031AD,BLANK,2,,0,1,0,8260BDA.M,D13612
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1031AD.B\8260BDA.m
Meth Date : 31-Oct-2000 10:09 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

QC Flag Legend

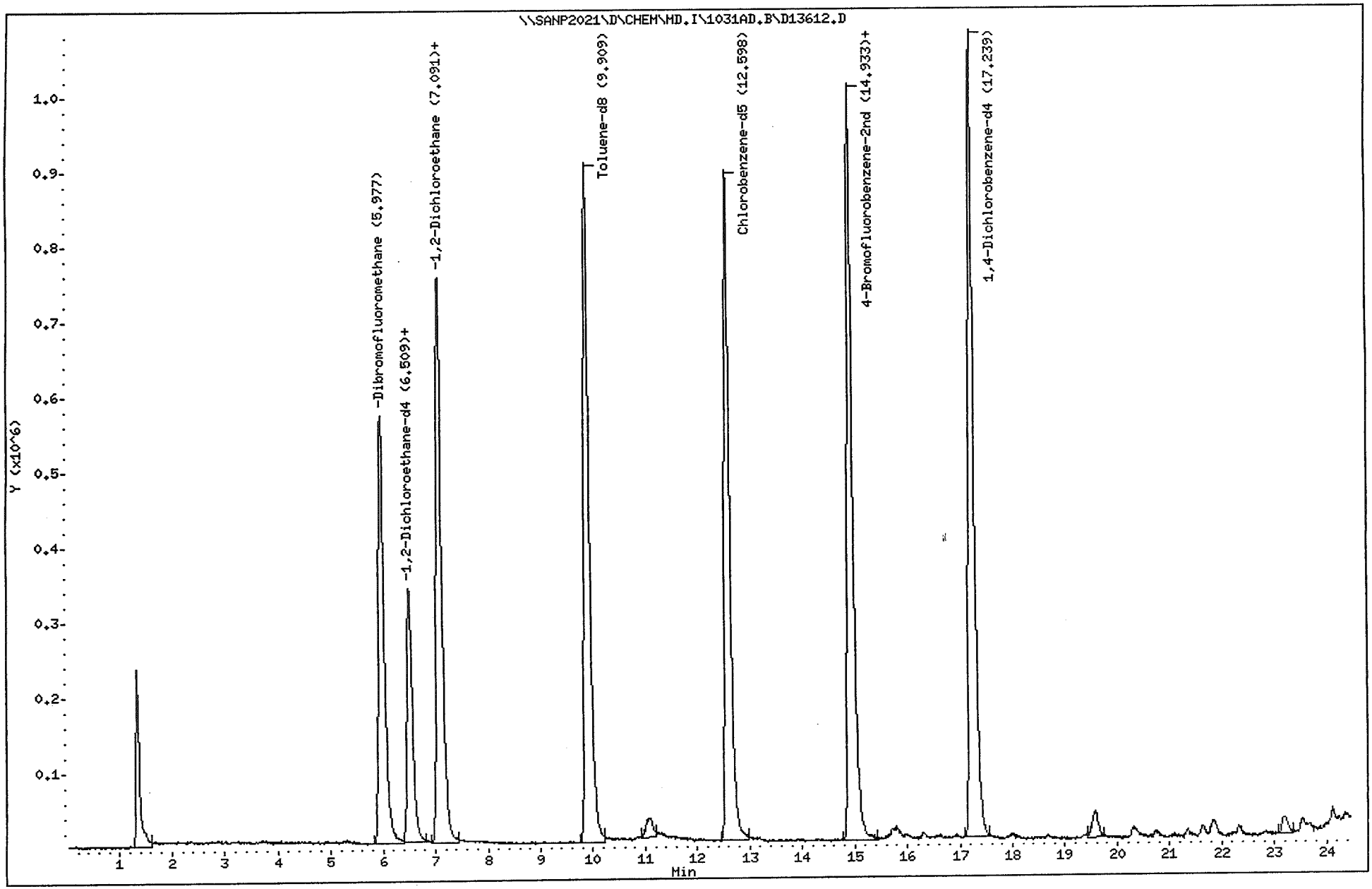
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1031AD.B\D13612.D
Date : 31-OCT-2000 08:56
Client ID: D13612
Sample Info: MB-1031AD,BLANK,2,,0,1,0,8260BDA.M,D13612

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



000821

BOE-C6-0175852

Data File: \\SANP2021\D\CHEM\MD.I\1031AD.B\D13612.D

Date : 31-OCT-2000 08:56

Client ID: D13612

Instrument: md.i

Sample Info: MB-1031AD,BLANK,2,,0,1,0,8260BDA.M,D13612

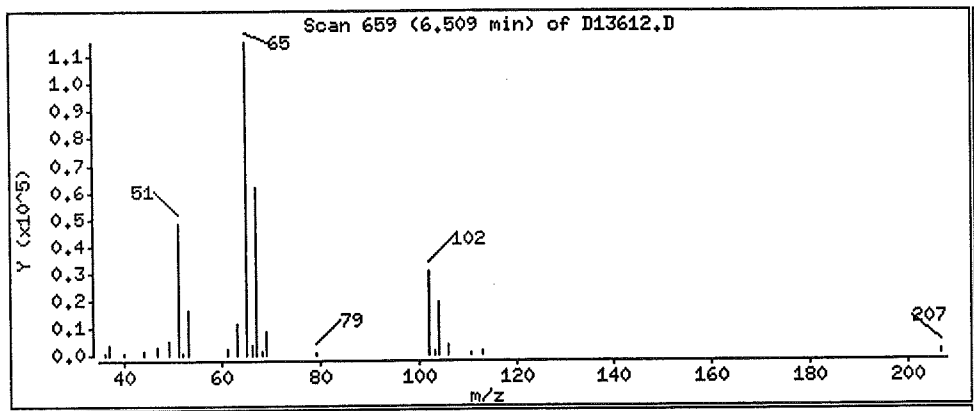
Operator: GFB

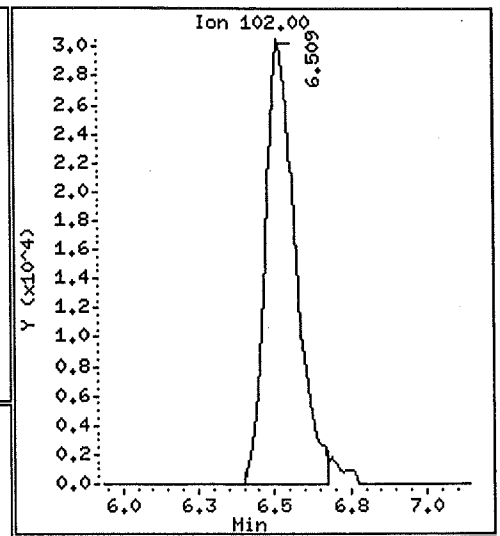
Column phase: J&W DB-624

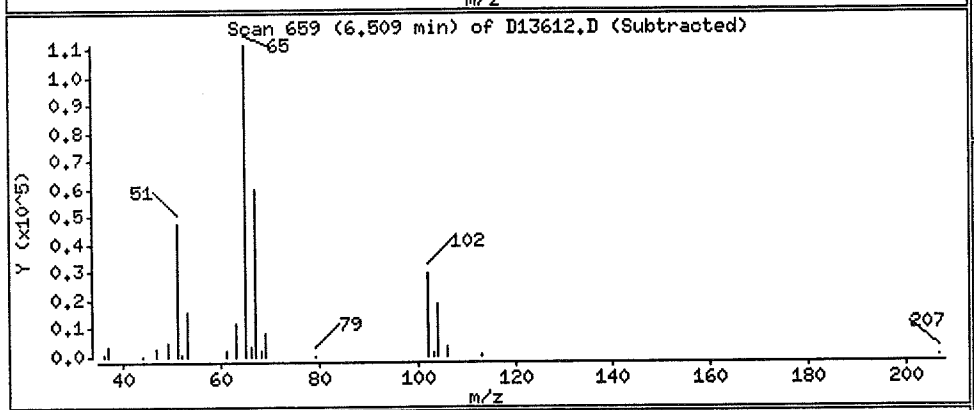
Column diameter: 0.53

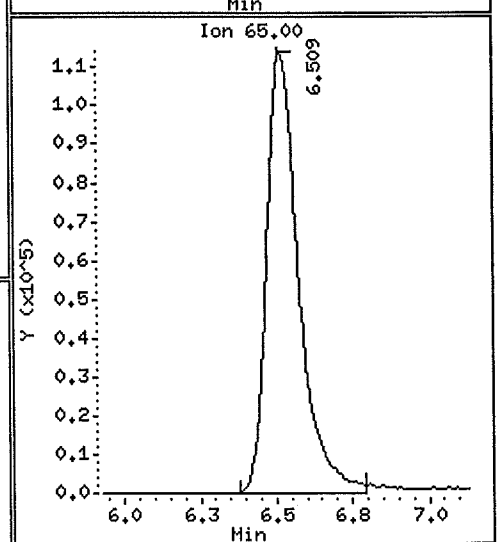
34 1,2-Dichloroethane-d4 2nd

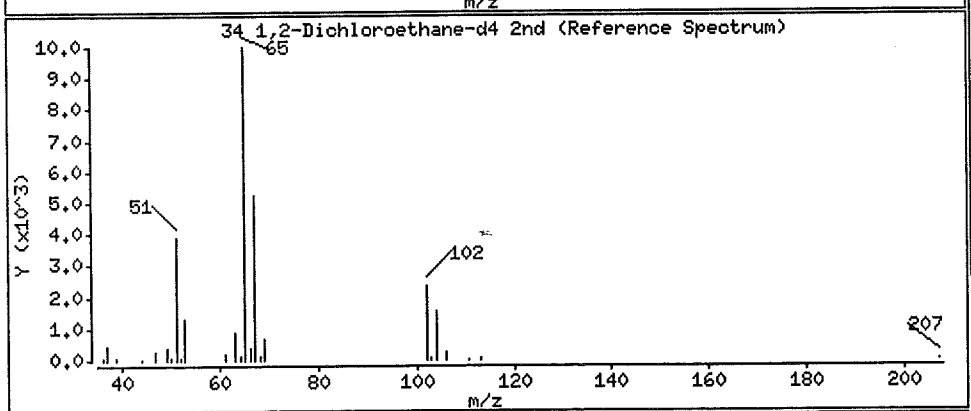
Concentration: 47.41 ug/Kg

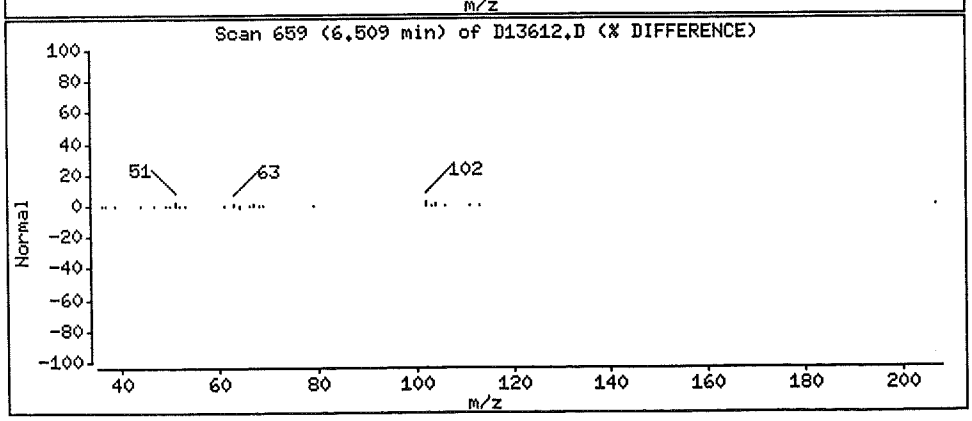












Data File: \\SANP2021\D\CHEM\MD.I\1031AD.B\D13612.D

Date : 31-OCT-2000 08:56

Client ID: D13612

Instrument: md.i

Sample Info: MB-1031AD,BLANK,2,,0,1,0,8260BDA.M,D13612

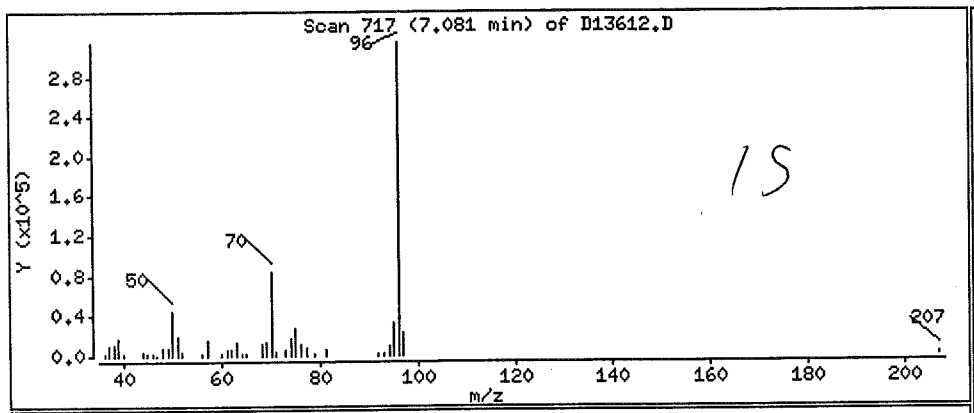
Operator: GFB

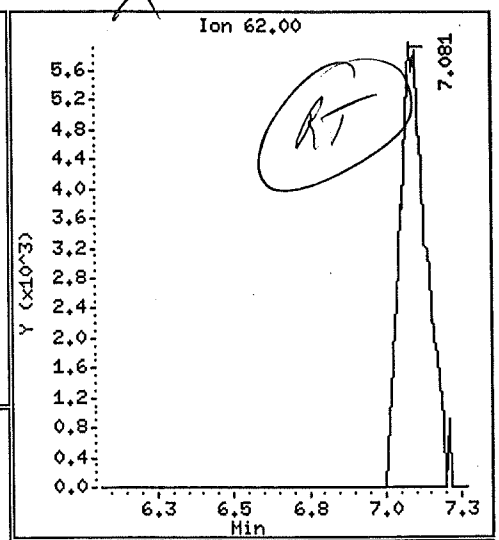
Column phase: J&W DB-624

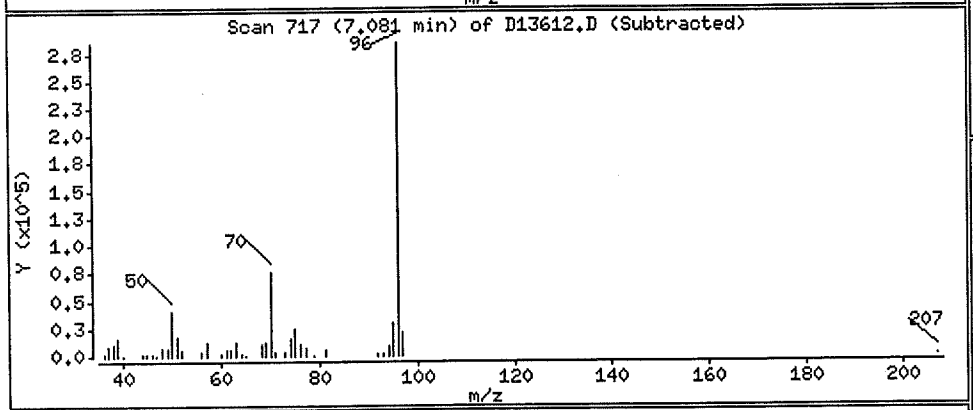
Column diameter: 0.53

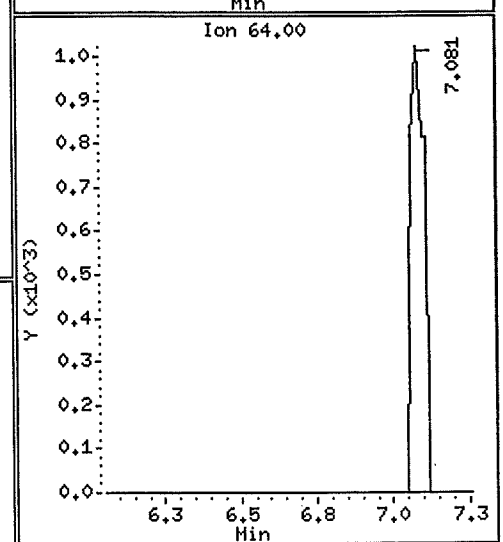
36 1,2-Dichloroethane

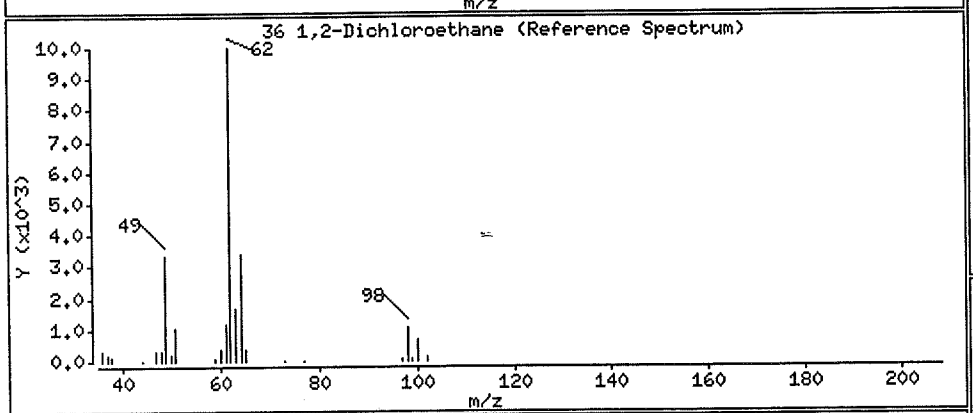
Concentration: ~~1.59~~ ug/Kg X

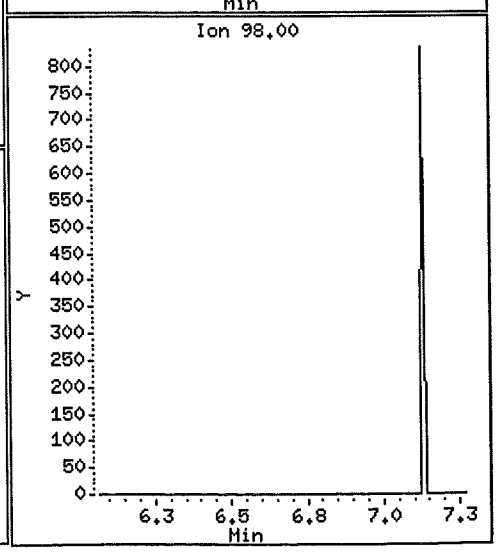


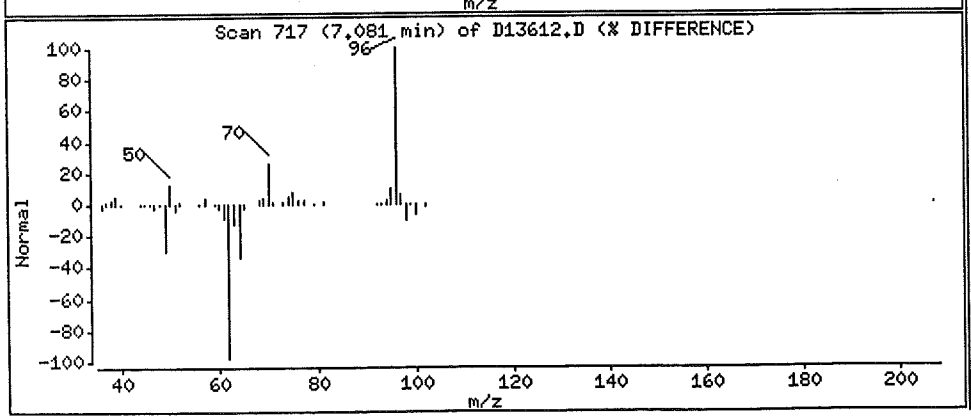












Data File: \\SANP2021\D\CHEM\MD.I\1031AD.B\D13612.D

Date : 31-OCT-2000 08:56

Client ID: D13612

Instrument: md.i

Sample Info: MB-1031AD,BLANK,2,,0,1,0,8260BDA.M,D13612

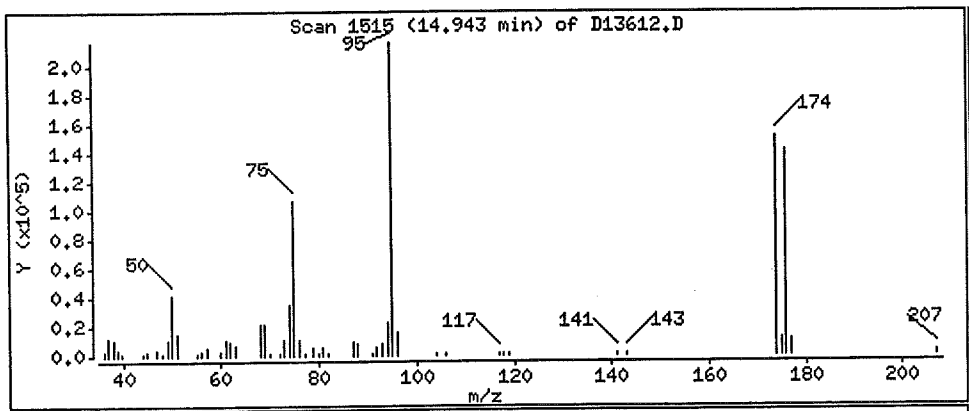
Operator: GFB

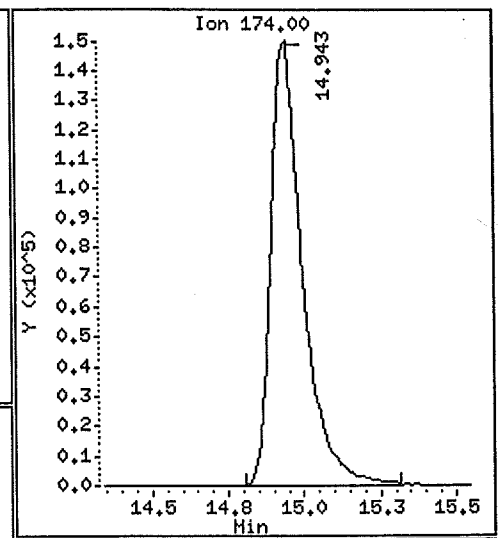
Column phase: J&W DB-624

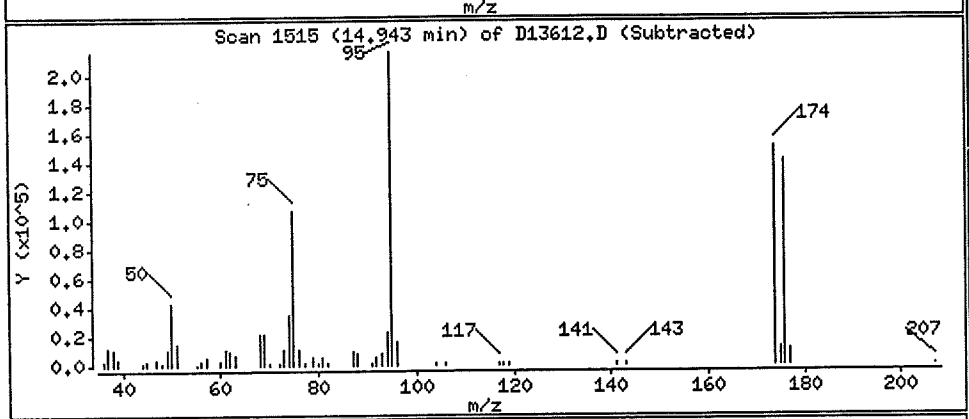
Column diameter: 0.53

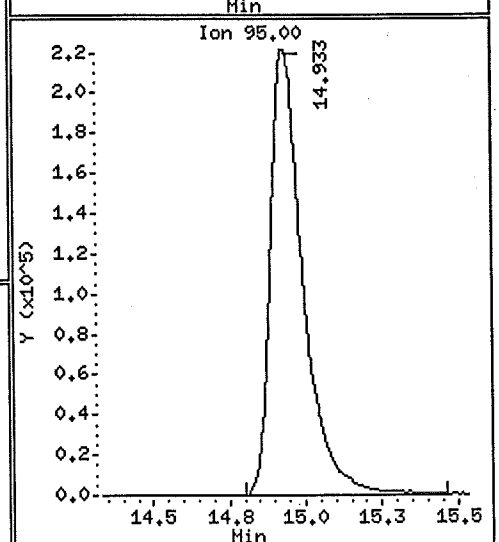
66 4-Bromofluorobenzene-2nd

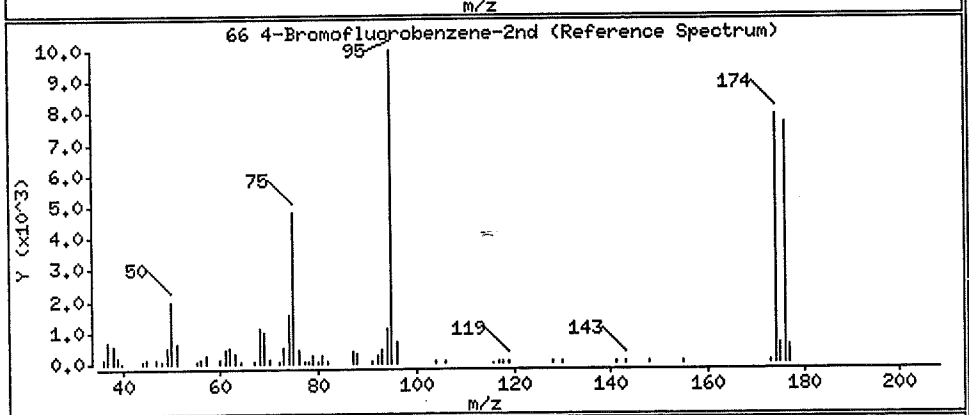
Concentration: 48.60 ug/Kg

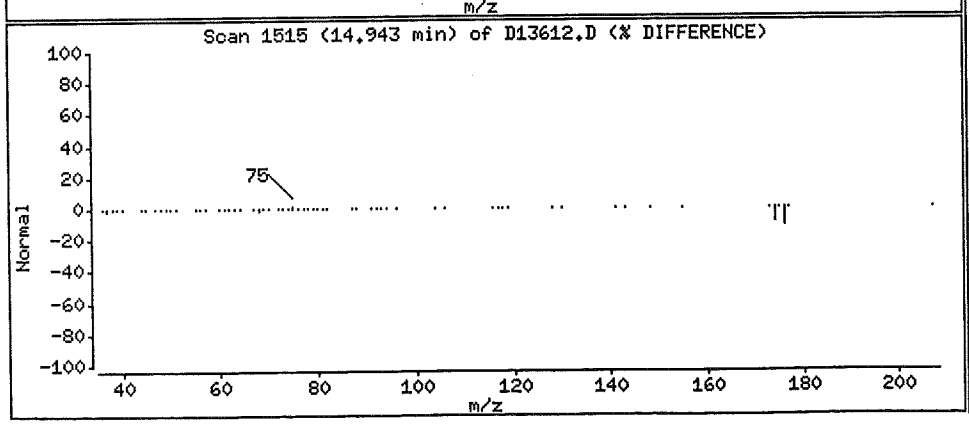


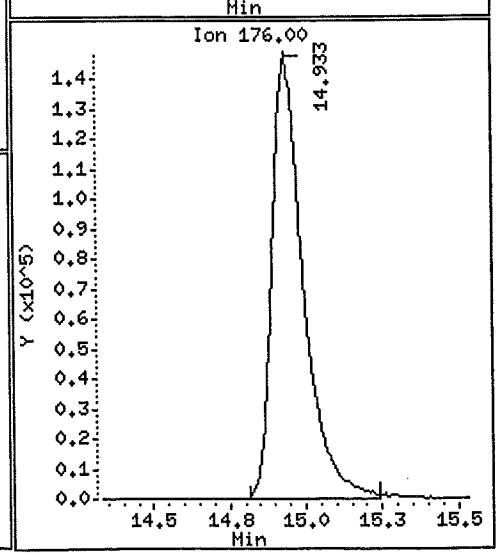












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1031AD.B\D13620.D
Lab Smp Id: DNJXD1AE Client Smp ID: D13620
Inj Date : 31-OCT-2000 13:06
Operator : GFB Inst ID: md.i
Smp Info : DNJXD1AE,MS,2,,0,1,0,8260BDA.M,D13620
Misc Info : 1282-1;291-1S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1031AD.B\8260BDA.m
Meth Date : 31-Oct-2000 10:09 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 11 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

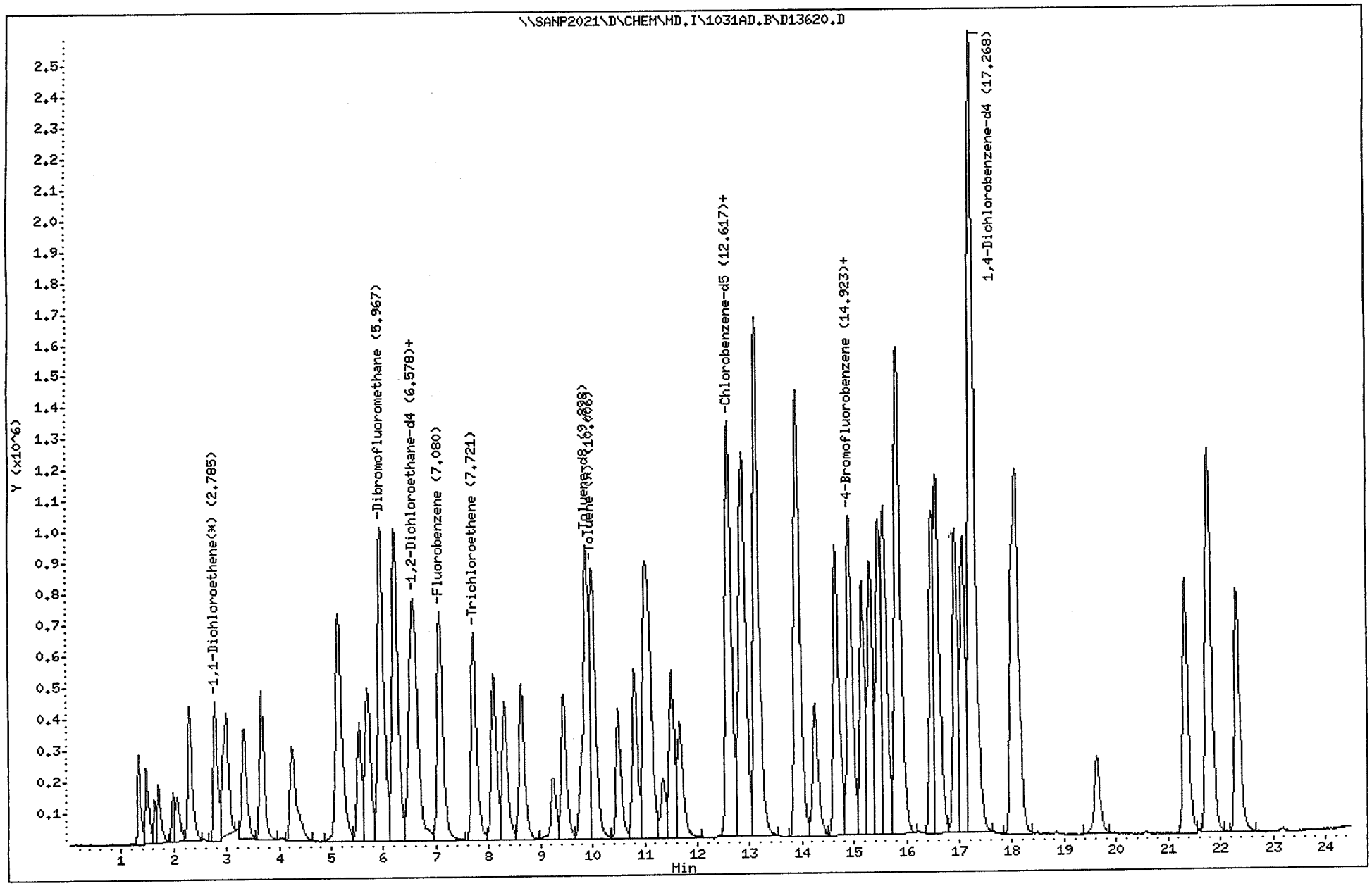
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.785	2.804	(0.393)	488743	43.9275	43.93
$ 29 Dibromofluoromethane	111	5.967	5.996	(0.842)	1406695	52.1853	52.18
$ 33 1,2-Dichloroethane-d4	65	6.509	6.528	(0.918)	847923	43.1449	43.14
34 1,2-Dichloroethane-d4 2nd	102	6.509	6.538	(0.918)	215612	50.7294	50.73
35 Benzene	78	6.578	6.597	(0.928)	1693076	41.3249	41.32
* 38 Fluorobenzene	96	7.090	7.109	(1.000)	2280009	50.0000	
39 Trichloroethene	130	7.721	7.740	(1.089)	853319	47.9670	47.97
$ 47 Toluene-d8	98	9.898	9.917	(0.786)	2207419	52.1080	52.11
48 Toluene (*)	91	10.016	10.035	(0.796)	2018118	42.6729	42.67
* 56 Chlorobenzene-d5	117	12.588	12.597	(1.000)	1791900	50.0000	
57 Chlorobenzene (**)	112	12.647	12.656	(1.005)	1561243	42.8846	42.88
$ 67 4-Bromofluorobenzene	95	14.923	14.932	(0.866)	1636624	44.7787	44.78
66 4-Bromofluorobenzene-2nd	174	14.933	14.942	(0.866)	1088406	49.3797	49.38
* 79 1,4-Dichlorobenzene-d4	152	17.238	17.247	(1.000)	1170058	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1031AD.B\D13620.D
Date : 31-OCT-2000 13:06
Client ID: D13620
Sample Info: DNJXD1AE,MS,2,,0,1,0,8260BDA.M,D13620

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



BOE-C6-0175857

000826

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1031AD.B\D13621.D
Lab Smp Id: DNJXD1AF Client Smp ID: D13621
Inj Date : 31-OCT-2000 13:38
Operator : GFB Inst ID: md.i
Smp Info : DNJXD1AF,MSD,2,,0,1,0,8260BDA.M,D13621
Misc Info : 1282-1;291-1D,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1031AD.B\8260BDA.m
Meth Date : 31-Oct-2000 10:09 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 12 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

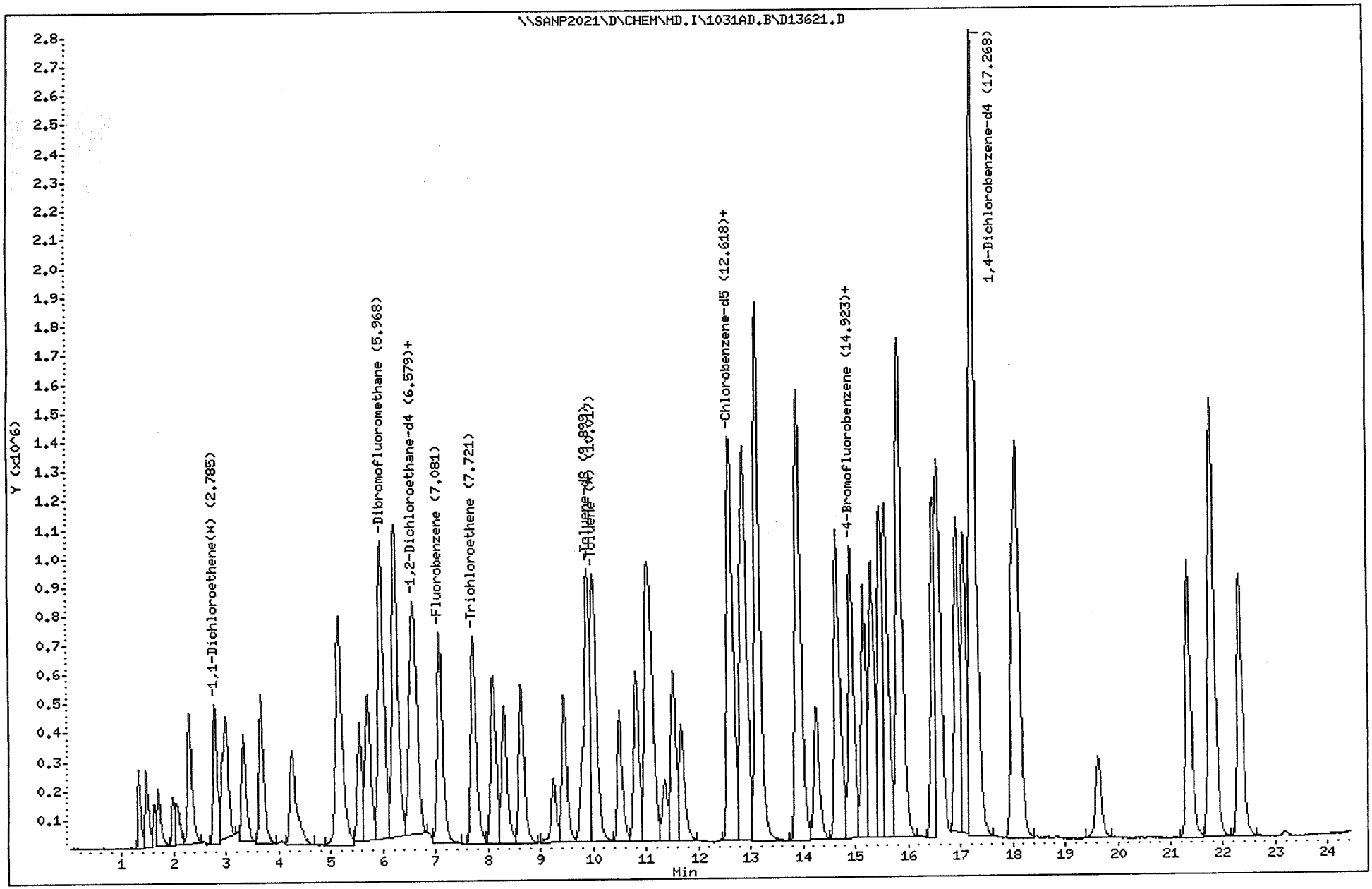
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.785	2.804	(0.393)	540614	48.7186	48.72
$ 29 Dibromofluoromethane	111	5.978	5.996	(0.843)	1411532	52.5039	52.50
$ 33 1,2-Dichloroethane-d4	65	6.510	6.528	(0.918)	841569	42.9354	42.94
34 1,2-Dichloroethane-d4 2nd	102	6.510	6.538	(0.918)	214221	50.5359	50.54
35 Benzene	78	6.579	6.597	(0.928)	1870020	45.7651	45.76
* 38 Fluorobenzene	96	7.091	7.109	(1.000)	2273967	50.0000	
39 Trichloroethene	130	7.731	7.740	(1.090)	941813	53.0821	53.08
$ 47 Toluene-d8	98	9.899	9.917	(0.786)	2203677	52.0079	52.01
48 Toluene (*)	91	10.027	10.035	(0.796)	2225244	47.0419	47.04
* 56 Chlorobenzene-d5	117	12.588	12.597	(1.000)	1792307	50.0000	
57 Chlorobenzene (**)	112	12.638	12.656	(1.004)	1705230	46.8290	46.83
$ 67 4-Bromofluorobenzene	95	14.923	14.932	(0.866)	1613081	45.6845	45.68
66 4-Bromofluorobenzene-2nd	174	14.923	14.942	(0.866)	1073267	50.4028	50.40
* 79 1,4-Dichlorobenzene-d4	152	17.229	17.247	(1.000)	1130362	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1031AD.B\D13621.D
Date : 31-OCT-2000 13:38
Client ID: D13621
Sample Info: DNJXD1AF,MSD,2,,0,1,0,8260BDA.M,D13621

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



000828

BOE-C6-0175859

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1031AD.B\D13632.D
Lab Smp Id: DNCG11AC Client Smp ID: D13632
Inj Date : 31-OCT-2000 19:20
Operator : GFB Inst ID: md.i
Smp Info : DNCG11AC,,2,,0,1,0,8260BDA.M,D13632
Misc Info : E0J180165-15,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1031AD.B\8260BDA.m
Meth Date : 31-Oct-2000 10:09 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.978	5.996	(0.844)	1232968	49.1312	49.13
$ 33 1,2-Dichloroethane-d4	65	6.510	6.528	(0.919)	749377	40.9573	40.96
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.538	(0.921)	190175	48.0616	48.06
36 1,2-Dichloroethane	62	7.081	6.666	(1.000)	33312	1.63937	1.64(aQ)
* 38 Fluorobenzene	96	7.081	7.109	(1.000)	2122654	50.0000	
$ 47 Toluene-d8	98	9.909	9.917	(0.787)	2031211	50.0818	50.08
* 56 Chlorobenzene-d5	117	12.598	12.597	(1.000)	1715572	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.943	14.942	(0.866)	978512	48.4775	48.48
$ 67 4-Bromofluorobenzene	95	14.923	14.932	(0.865)	1465629	43.7888	43.79
* 79 1,4-Dichlorobenzene-d4	152	17.249	17.247	(1.000)	1071497	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1031AD.B\D13632.D
Lab Smp Id: DNCG11AC Client Smp ID: D13632
Inj Date : 31-OCT-2000 19:20
Operator : GFB Inst ID: md.i
Smp Info : DNCG11AC,,2,,0,1,0,8260BDA.M,D13632
Misc Info : E0J180165-15,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1031AD.B\8260BDA.m
Meth Date : 31-Oct-2000 10:09 beckmang Quant Type: ISTD
Cal Date : 24-OCT-2000 14:20 Cal File: DS2583.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.081	4849061	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.327	1065043	10.9819443	10.98	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCG11AC
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13632
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ Gly	1.327	10.98	J

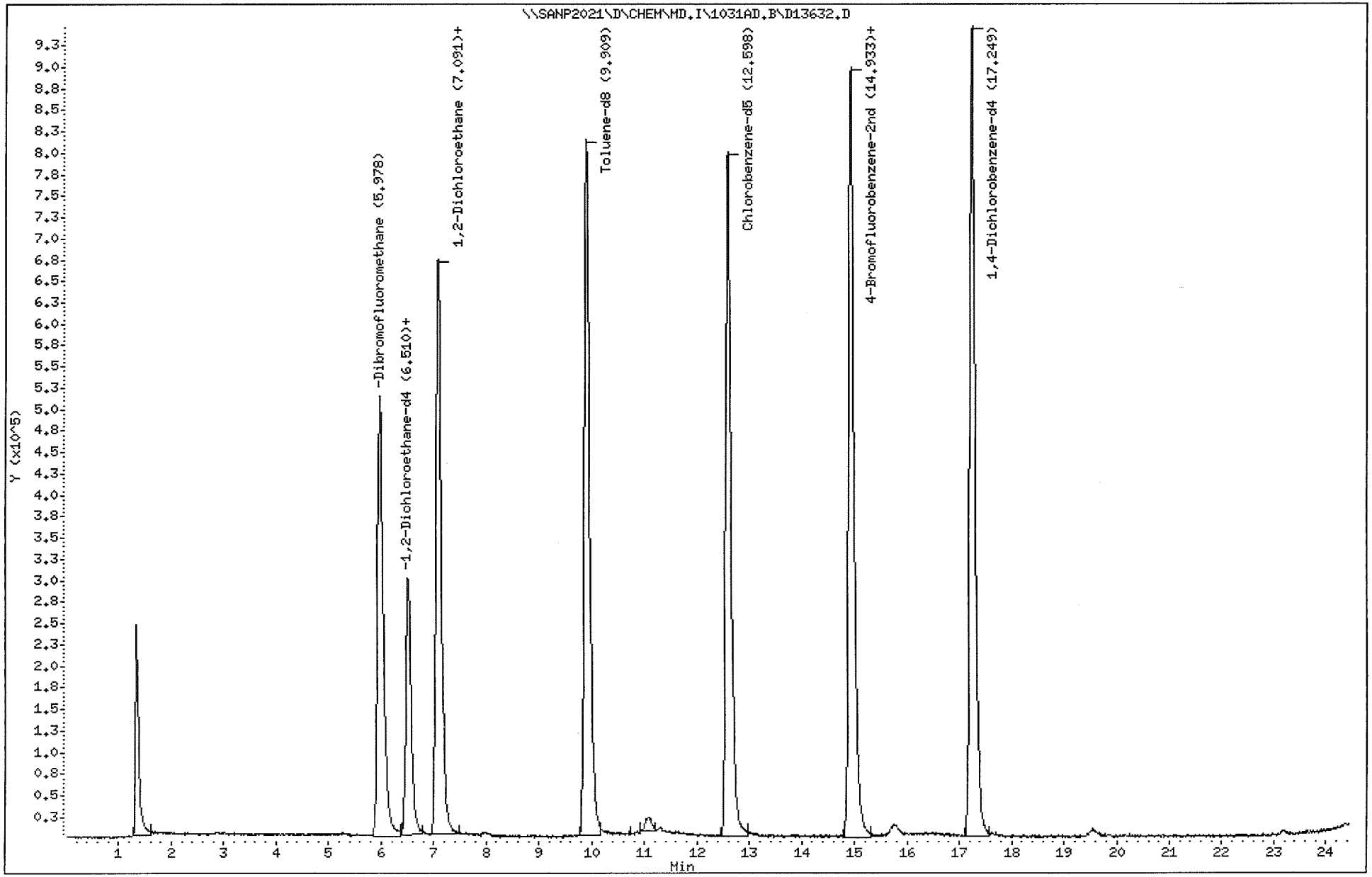
Data File: \\SANP2021\D\CHEM\MD.I\1031AD.B\D13632.D
Date : 31-OCT-2000 19:20
Client ID: D13632
Sample Info: DNCG11AC,,2,,0,1,0,8260BDA.M,D13632

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000833

BOE-C6-0175864

Data File: \\SANP2021\D\CHEM\MD.I\1031AD.B\D13632.D

Date : 31-OCT-2000 19:20

Client ID: D13632

Instrument: md.i

Sample Info: DNCG11AC,,2,,0,1,0,8260BDA.M,D13632

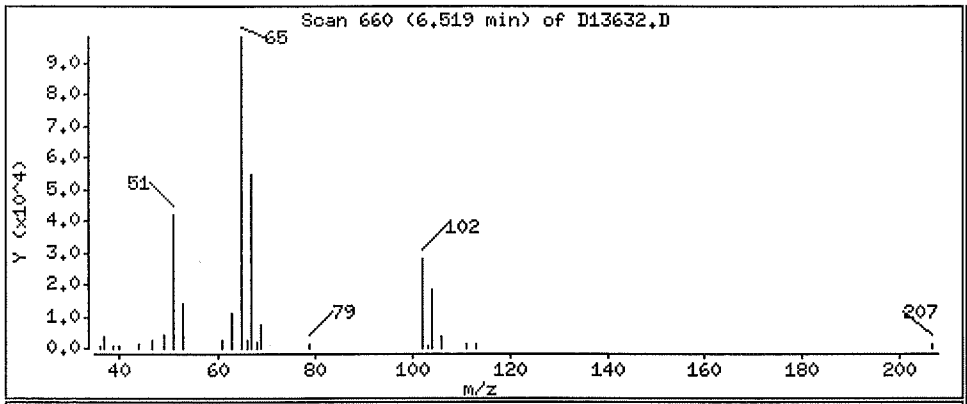
Operator: GFB

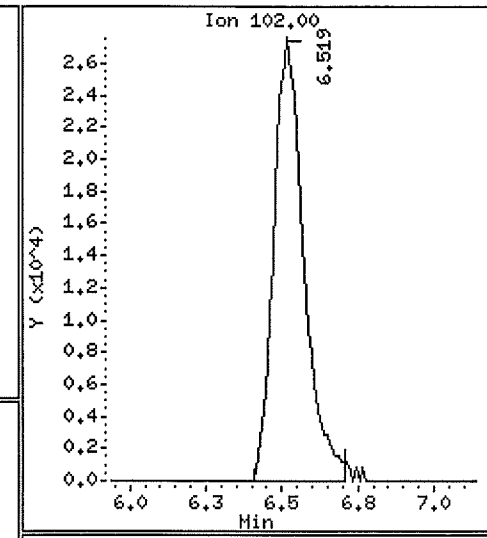
Column phase: J&W DB-624

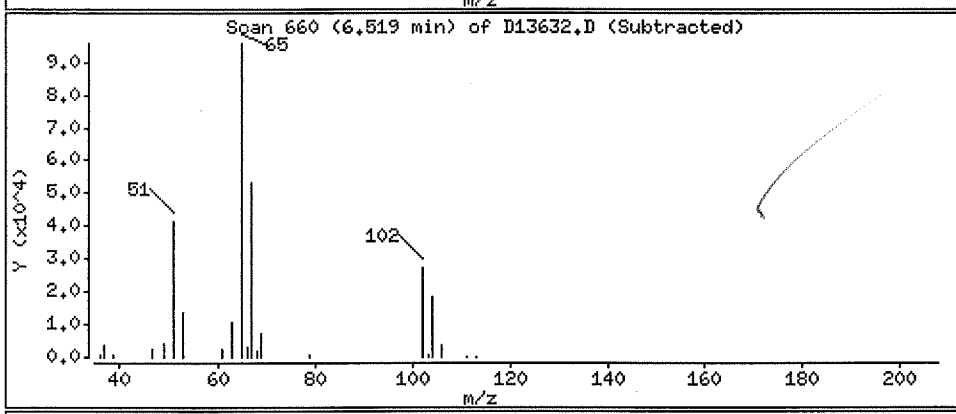
Column diameter: 0.53

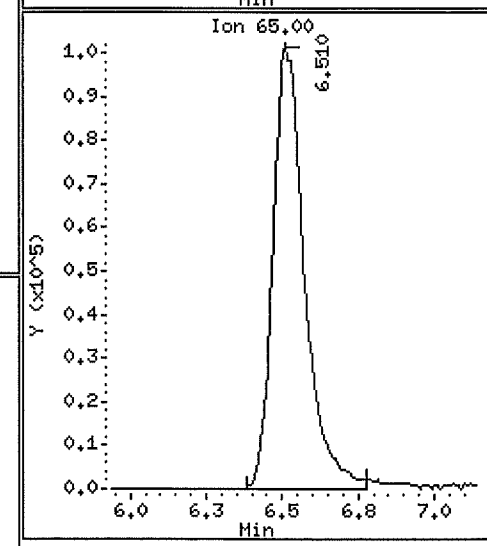
34 1,2-Dichloroethane-d4 2nd

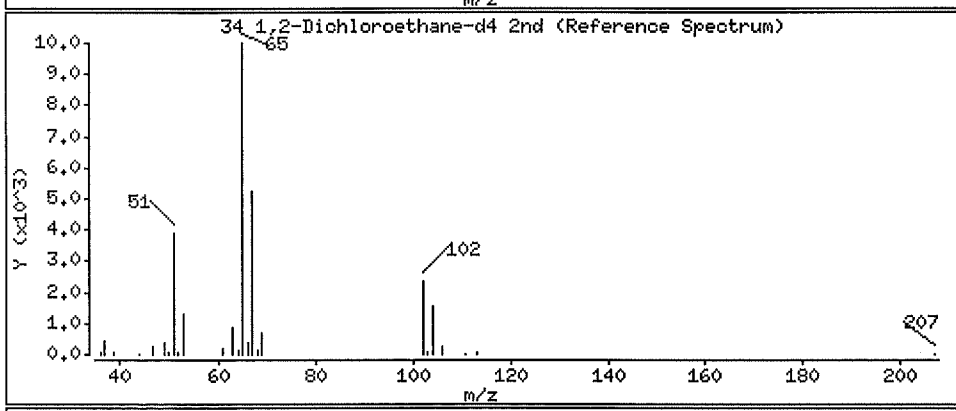
Concentration: 48.06 ug/Kg

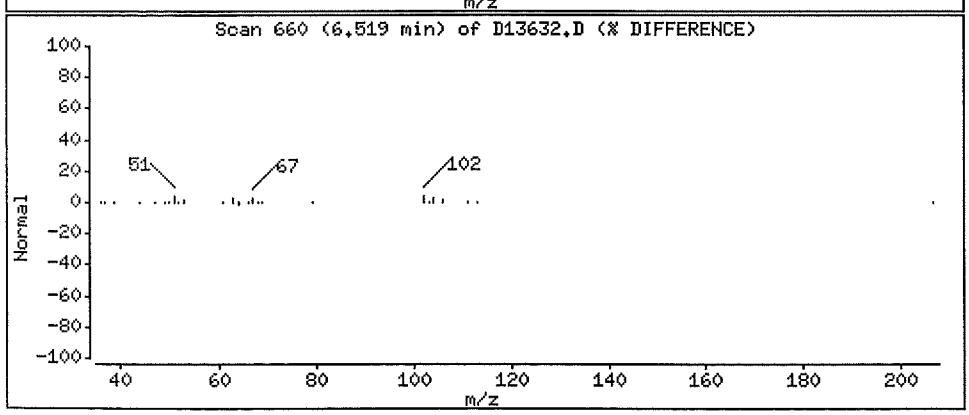












Data File: \\SANP2021\D\CHEM\MD.I\1031AD.B\D13632.D

Date : 31-OCT-2000 19:20

Client ID: D13632

Instrument: md.i

Sample Info: DNCG11AC,,2,,0,1,0,8260BDA.M,D13632

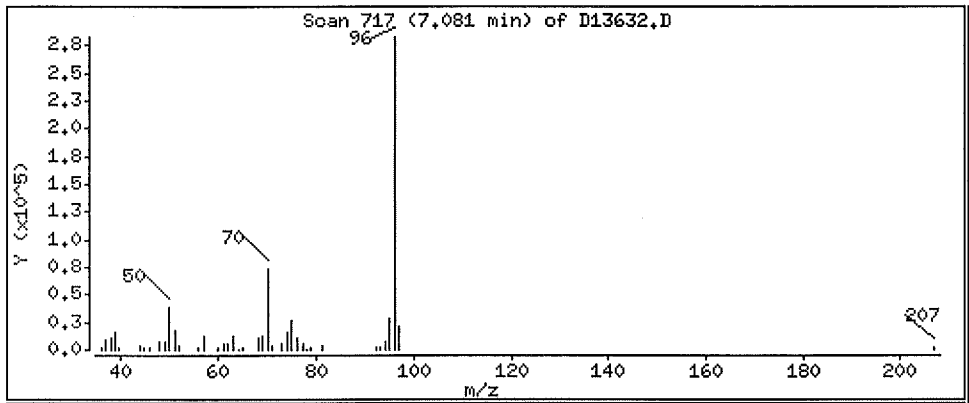
Operator: GFB

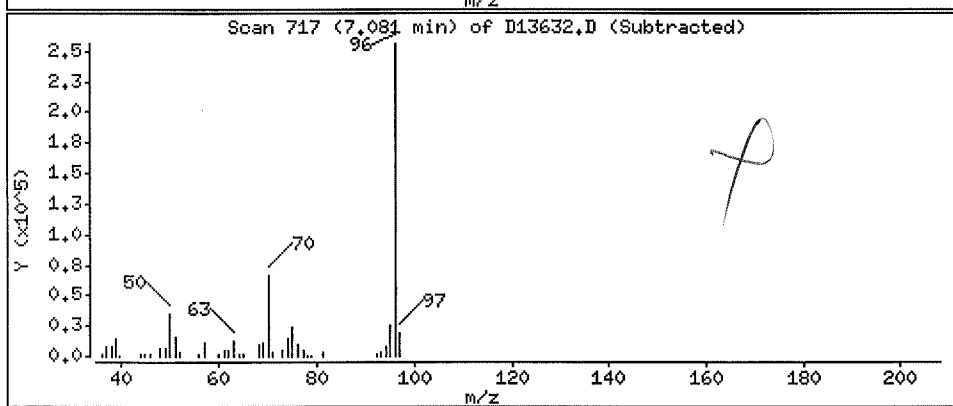
Column phase: J&W DB-624

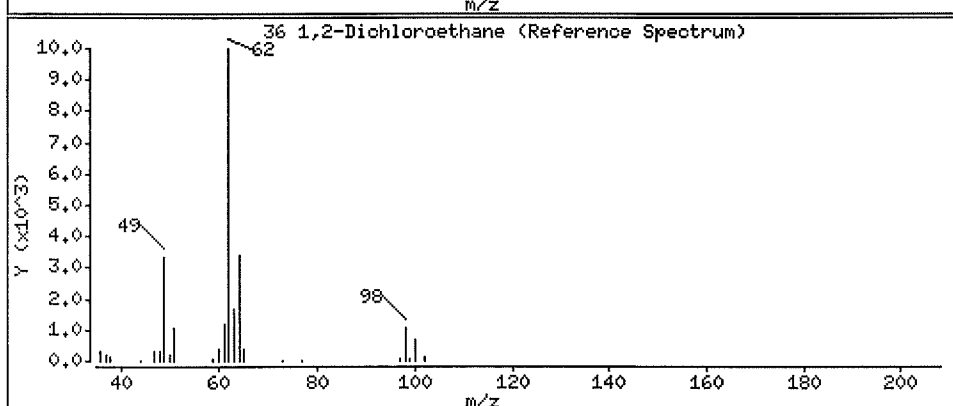
Column diameter: 0.53

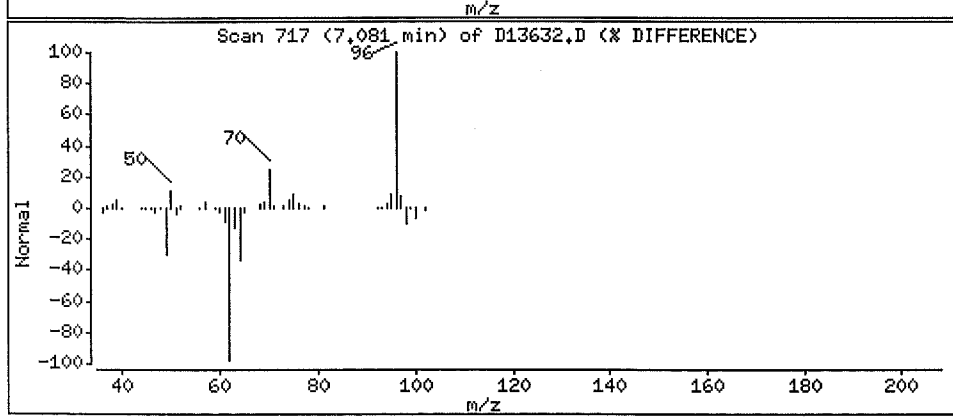
36 1,2-Dichloroethane

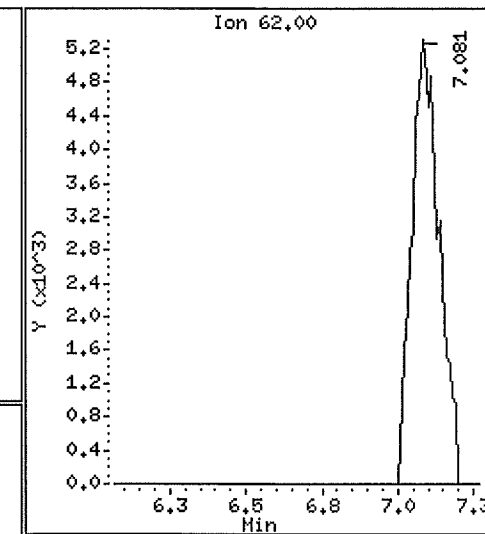
Concentration: 1.64 ug/Kg

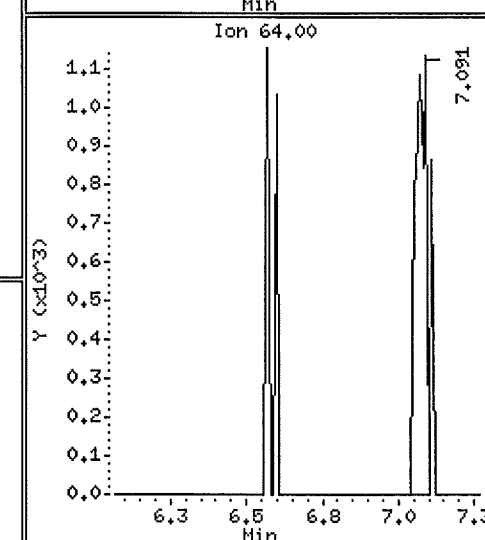


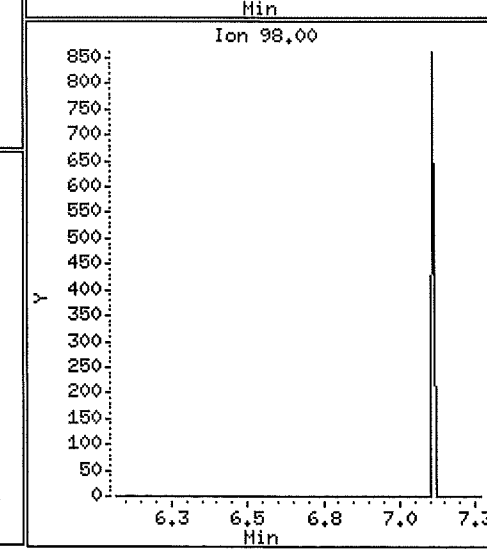












Data File: \\SANP2021\D\CHEM\MD.I\1031AD.B\D13632.D

Date : 31-OCT-2000 19:20

Client ID: D13632

Instrument: md.i

Sample Info: DNCG11AC,,2,,0,1,0,8260BDA.M,D13632

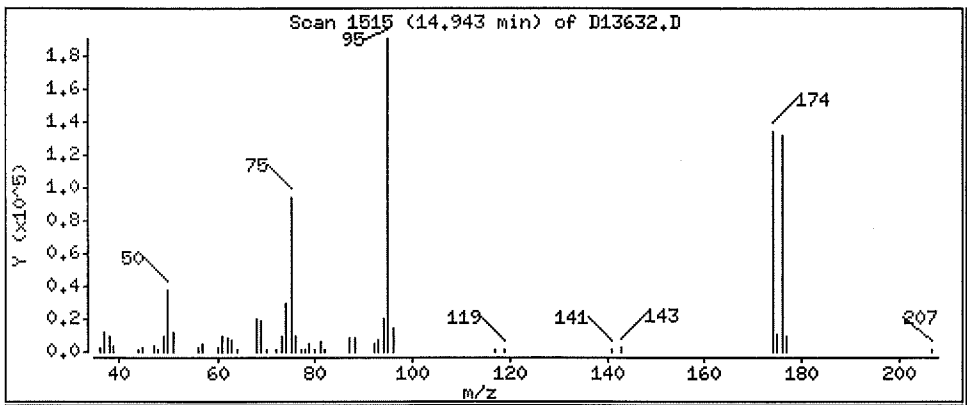
Operator: GFB

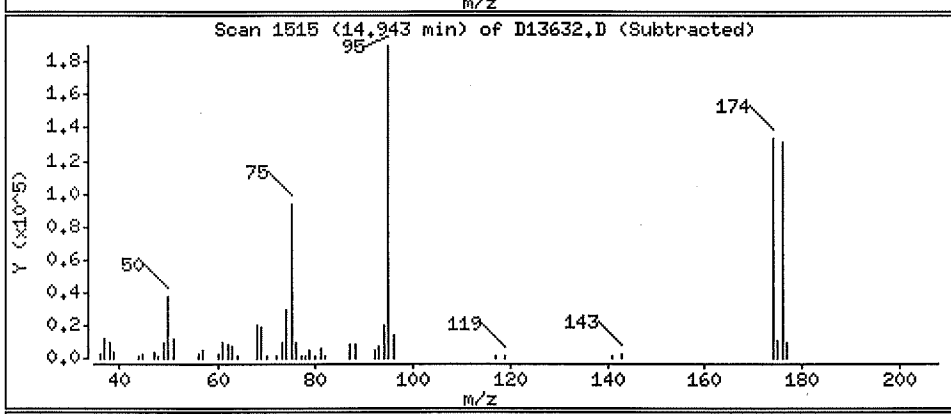
Column phase: J&W DB-624

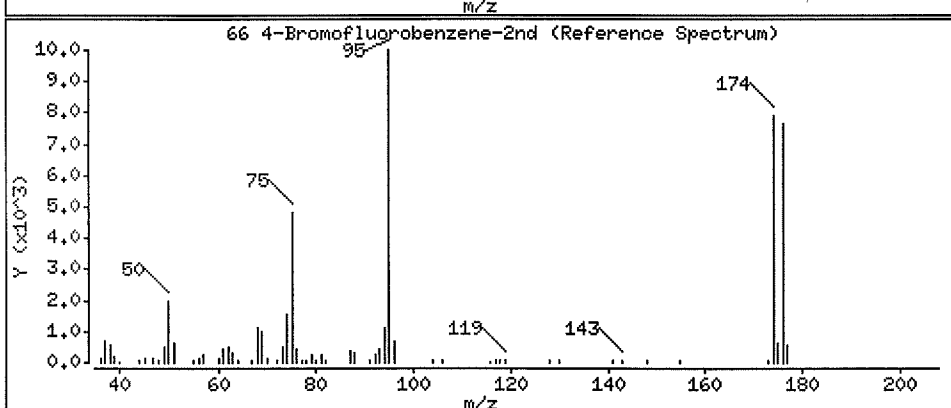
Column diameter: 0.53

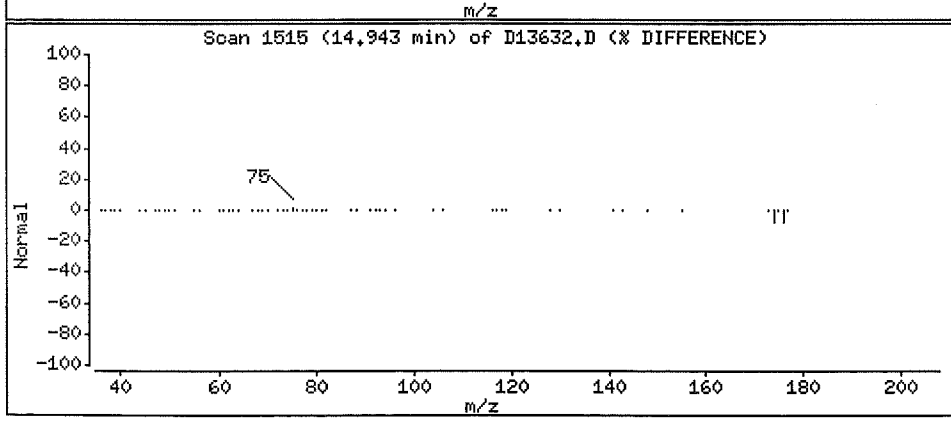
66 4-Bromofluorobenzene-2nd

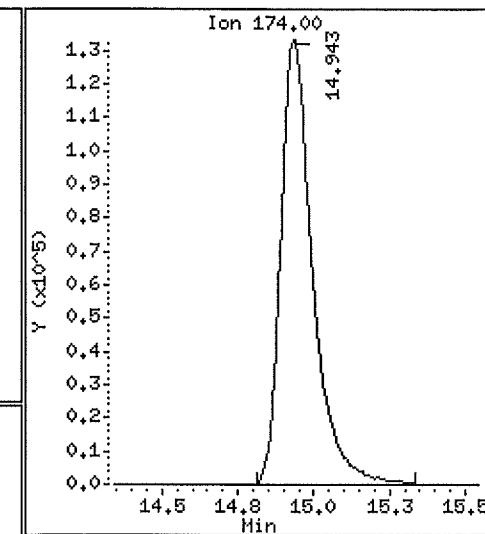
Concentration: 48.48 ug/Kg

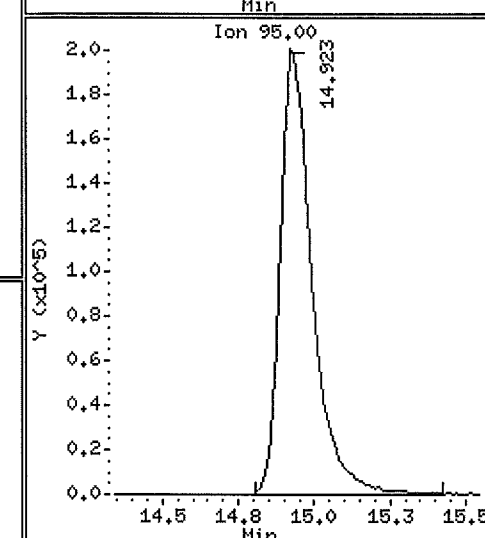


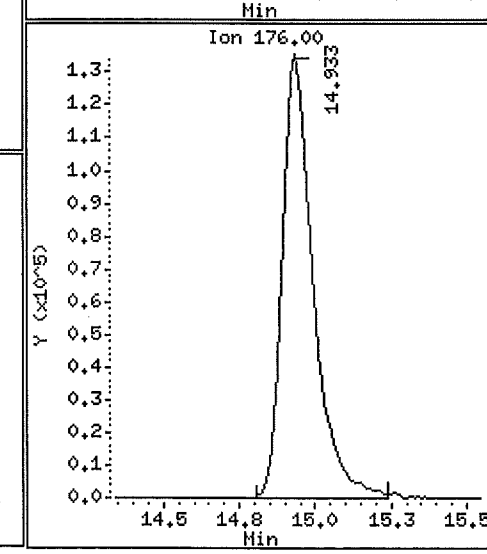












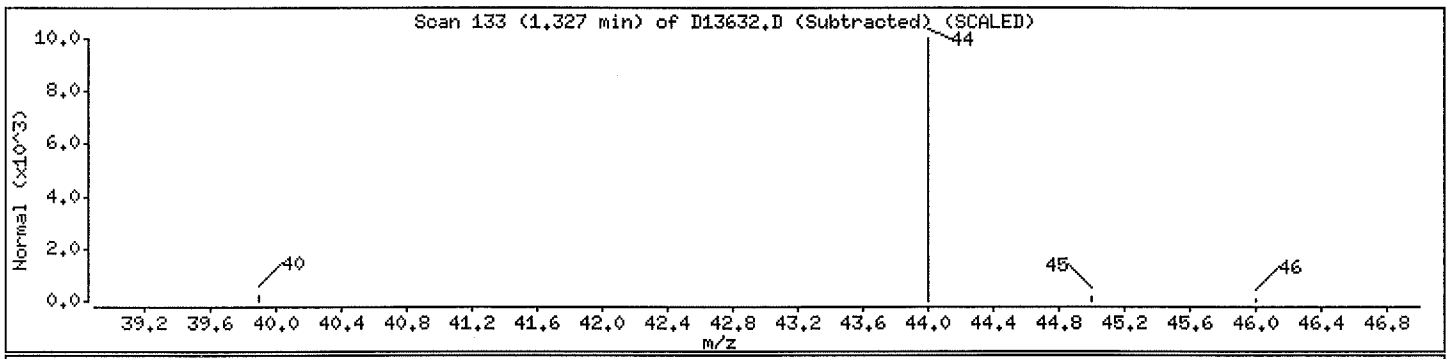
Data File: \\SANP2021\D\CHEM\MD.I\1031AD.B\D13632.D

Date : 31-OCT-2000 19:20

Client ID: D13632 Instrument: md.i

Sample Info: DNCG11AC,,2,,0,1,0,8260BDA.M,D13632

Operator: GFB

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN