8260B SAMPLE / QC DATA

DATE ANALYZED: 102900

INSTRUMENT ID: MSD

SAMPLES: ZO318016F-1→8

STL Los Ange.

FJK 11/1/00

GC/MS VOA Run Log

Batch ID: 0305269

☐ 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: 1029AD | Date: 10-29-00

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

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
												1265-2
8:58	GFB	DT 1609	50ng BFB	—	—	1ul		258	N	✓		1279-1; 78-1; 84-1
9:14		DS 2597	50ppb 8260B STD	1	S	5g	1	246	✓			↓
9:58		DS2598	↓	1				~~258~~ 250	✓	200		2282-1
10:44		D13531	LCS 1029AD	2				238	✓			
11:15		32	MB 1029AD	3				112	N	✓		EO)160201-22 Lowrs
11:46		33	DM8VP1AE	4				228	✓			-22S 1282-1
12:18		34	DM8VP1AH S	5	per 12/5/00			229	✓			-22D ↓
12:49		35	DM8VP1AE S D	6				228	✓			EO)180165-1
13:20		36	DNCE31C6	7				216	✓			EO)160201-22
13:52		37	DM8VP1AE	8				214	✓			EO)180165-3
14:23		38	DNCFG1AC	9				228	✓			-4
14:55		39	DNCF21A1	10				220	✓			-5
15:26		40	DNCFR1AE	11				143	N	✓		Lowrs -1MS 1282-1
15:57		41	DNCE31C8 S	12				223	✓			-1MSD ↓
16:28		42	DNCE31C8 D	13				226	✓			-6
16:59		43	DNCFW1AE	14				225	✓			-7
17:30		44	DNCF11A1	15				223	✓			-8
18:02		45	DNCF61AE	16				213	✓			-2
18:33	↓	46	DNCFA1A0	17	↓	↓	↓	227	✓			-1MS
19:06	MD	47	DNCE31C7S	18								

000433

000131

Version 01/04/99

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

BOE-C6-0173926

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

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

Lab File ID (Standard): DS2598 Date Analyzed: 10/29/00

Instrument ID: MD Time Analyzed: 0958

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	2462244	7.08	1887027	12.60	1209931	17.24
	UPPER LIMIT	4924488	7.58	3774054	13.10	2419862	17.74
	LOWER LIMIT	1231122	6.58	943514	12.10	604966	16.74
	EPA SAMPLE NO.						
01	D13531	2501416	7.08	1932619	12.59	1253171	17.23
02	D13532	2386128	7.08	1961408	12.58	1221323	17.23
03	D13533	1126134*	7.09	850913*	12.58	496568*	17.22
04	D13534	2282492	7.06	1812401	12.59	1176649	17.23
05	D13535	2298754	7.07	1827301	12.58	1173870	17.23
06	D13536	2281147	7.07	1830683	12.59	1049800	17.24
07	D13537	2166364	7.07	1805261	12.59	1112994	17.24
08	D13538	2142451	7.07	1775402	12.59	1107245	17.23
09	D13539	2289109	7.09	1895936	12.59	1212594	17.23
10	D13540	2201330	7.09	1801265	12.58	1137113	17.22
11	D13541	1436105	7.09	1053146	12.61	587462*	17.25
12	D13542	2231661	7.06	1770585	12.58	1053542	17.23
13	D13543	2262874	7.07	1906423	12.58	1219432	17.24
14	D13544	2250834	7.09	1871081	12.59	1168137	17.24
15	D13545	2235724	7.08	1869652	12.59	1183271	17.23
16	D13546	2133744	7.07	1779698	12.59	1114528	17.24
17	D13547	2271344	7.09	1827874	12.59	1194141	17.25
18							
19							
20							
21							
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\1029AD.B\DT1609.D
Lab Smp Id:
Inj Date : 29-OCT-2000 08:58
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\1029AD.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		
1.7637	1.8000	(0.000)	95	128661			0.00- 100.00	100.00
1.7637	1.8000	(0.000)	50	24384			15.00- 40.00	18.95
1.7637	1.8000	(0.000)	75	59227			30.00- 60.00	46.03
1.7637	1.8000	(0.000)	96	9272			5.00- 9.00	7.21
1.7637	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7637	1.8000	(0.000)	174	81688			50.00- 0.00	63.49
1.7637	1.8000	(0.000)	175	6640			5.00- 9.00	8.13
1.7637	1.8000	(0.000)	176	80749			95.00- 101.00	98.85
1.7637	1.8000	(0.000)	177	6276			5.00- 9.00	7.77

fm 10/29/2000

Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\DT1609.D

Date : 29-OCT-2000 08:58

Client ID:

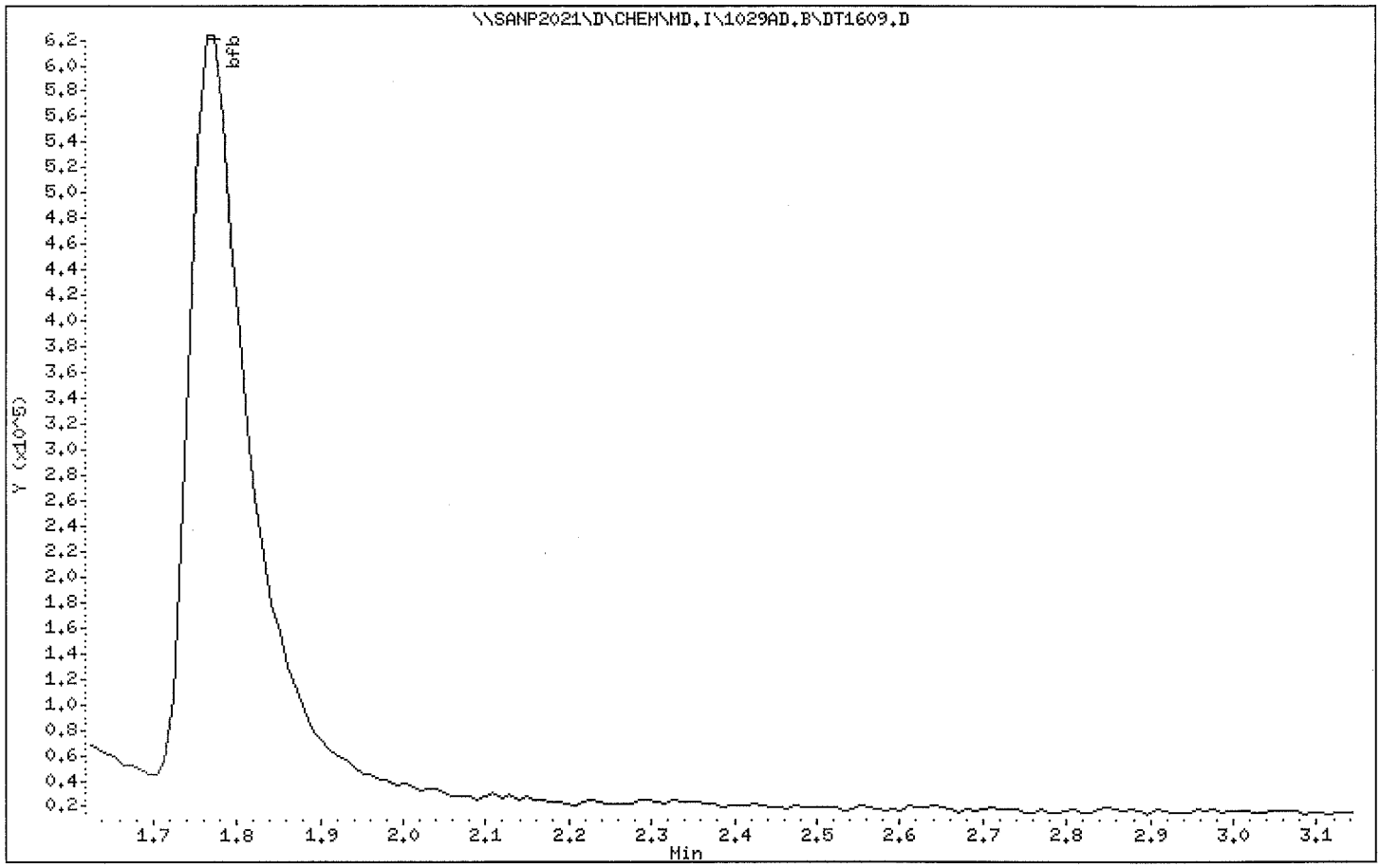
Instrument: md.i

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\1029AD.B\DT1609.D

Date : 29-OCT-2000 08:58

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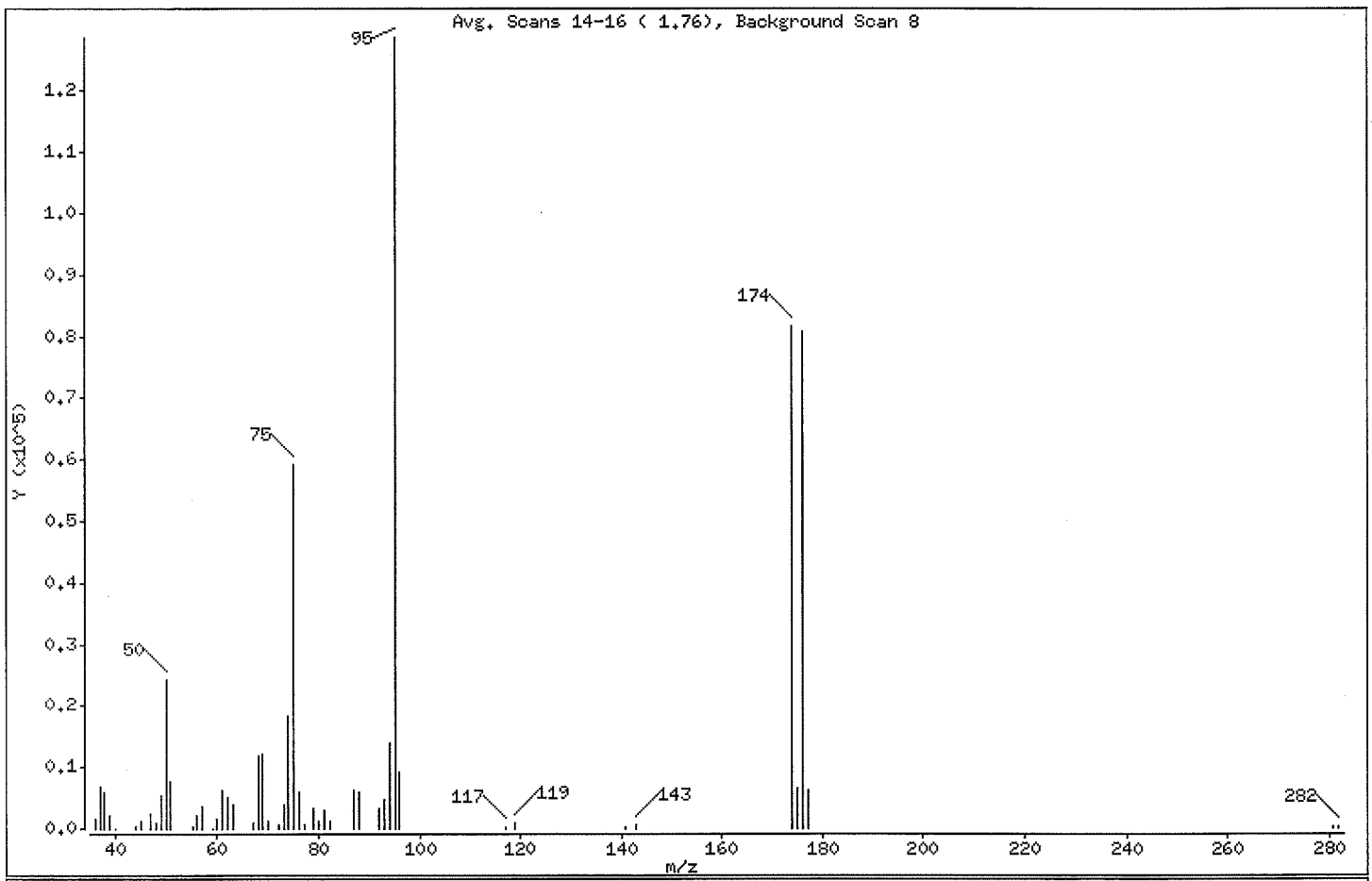
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

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	18.95
75	30.00 - 60.00% of mass 95	46.03
96	5.00 - 9.00% of mass 95	7.21
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	63.49
175	5.00 - 9.00% of mass 174	5.16 (8.13)
176	95.00 - 101.00% of mass 174	62.76 (98.85)
177	5.00 - 9.00% of mass 176	4.88 (7.77)

Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\DT1609.D

Date : 29-OCT-2000 08:58

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: DT1609.D
Spectrum: Avg. Scans 14-16 (1.76), Background Scan 8
Location of Maximum: 95.00
Number of points: 51

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1512	56.00	2170	74.00	18248	95.00	128656
37.00	6939	57.00	3490	75.00	59224	96.00	9272
38.00	5898	59.00	72	76.00	5863	117.00	304
39.00	2059	60.00	1514	77.00	707	119.00	878
40.00	49	61.00	6275	79.00	3106	141.00	285
44.00	213	62.00	5162	80.00	1215	143.00	531
45.00	1137	63.00	3857	81.00	2976	174.00	81688
47.00	2376	67.00	908	82.00	1091	175.00	6640
48.00	900	68.00	11738	87.00	6074	176.00	80744
49.00	5291	69.00	12063	88.00	5973	177.00	6276
50.00	24384	70.00	1220	92.00	3397	281.00	231
51.00	7749	72.00	598	93.00	4809	282.00	296
55.00	332	73.00	3855	94.00	13763		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 29-OCT-2000 09:58
Lab File ID: DS2598.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\1029AD.B\8260BDA.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	1 Dichlorodifluoromethane	0.35932	0.37890	0.010	5.4	50.0
	2 Vinyl chloride (*)	0.24059	0.26059	0.010	8.3	20.0
	3 Chloromethane (**)	0.27602	0.25077	0.100	-9.1	50.0
	4 Bromomethane	0.15127	0.18985	0.010	25.5	50.0
	5 Chloroethane	0.12884	0.16418	0.010	27.4	50.0
	6 Trichlorofluoromethane	0.53680	0.62237	0.010	15.9	50.0
	7 Acrolein	0.01768	0.01844	0.001	4.3	50.0
	8 1,1-Dichloroethene(*)	0.24399	0.21368	0.010	-12.4	20.0
	9 1,1,2-Trichlorotrifluoroeth	0.30468	0.25856	0.010	-15.1	50.0
	10 Acetone	0.06482	0.05961	0.010	-8.0	50.0
	11 Iodomethane	0.27257	0.32319	0.001	18.6	50.0
	12 Carbon disulfide	0.54902	0.49394	0.010	-10.0	50.0
	13 Methylene chloride	0.27188	0.25765	0.010	-5.2	50.0
	14 t-Butanol	0.00651	0.00601	0.001	-7.7	20.0
	15 trans-1,2-Dichloroethene	0.28525	0.27597	0.010	-3.3	50.0
	16 Acrylonitrile	0.05231	0.05553	0.001	6.2	20.0
	17 Methyl-tert-butyl ether[MTB	0.71954	0.68928	0.010	-4.2	50.0
	18 1,1-Dichloroethane (**)	0.54274	0.50967	0.100	-6.1	50.0
	19 Vinyl acetate	0.79238	0.73555	0.010	-7.2	50.0
	20 Isopropyl ether	1.13268	1.02041	0.010	-9.9	20.0
	21 2,2-Dichloropropane	0.53598	0.50100	0.010	-6.5	50.0
	22 Tert-butyl ethyl ether	0.98904	0.88714	0.010	-10.3	20.0
	23 cis-1,2-Dichloroethene	0.30423	0.28913	0.010	-5.0	50.0
	24 2-Butanone	0.11740	0.11302	0.010	-3.7	50.0
	25 Bromochloromethane	0.18007	0.19694	0.010	9.4	50.0
	26 Chloroform (*)	0.69643	0.67739	0.010	-2.7	20.0
	27 Tetrahydrofuran	0.09862	0.09560	0.010	-3.1	50.0
M	28 1,2-Dichloroethene (total)	0.29474	0.28255	0.010	-4.1	50.0
$	29 Dibromofluoromethane	0.59113	0.59773	0.010	1.1	50.0
	30 1,1,1-Trichloroethane	0.62645	0.58930	0.010	-5.9	50.0
	31 Carbon Tetrachloride	0.57812	0.56202	0.010	-2.8	50.0
	32 1,1-Dichloropropene	0.53688	0.50165	0.010	-6.6	50.0
$	33 1,2-Dichloroethane-d4	0.43098	0.42047	0.010	-2.4	50.0
	34 1,2-Dichloroethane-d4 2nd	0.09321	0.10522	0.010	12.9	50.0
	35 Benzene	0.89846	0.87604	0.010	-2.5	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2598.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m

Injection Date: 29-OCT-2000 09:58
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	0.43966	0.010	-8.1	50.0
	37 Tert-amyl methyl ether	0.96596	0.88243	0.010	-8.6	20.0
	39 Trichloroethene	0.39012	0.40124	0.010	2.8	50.0
	40 1,2-Dichloropropane(*)	0.40033	0.38024	0.010	-5.0	20.0
	41 Dibromomethane	0.33551	0.32061	0.010	-4.4	50.0
	42 Bromodichloromethane	0.68558	0.66678	0.010	-2.7	50.0
	43 1-Bromo-2-chloroethane	0.62726	0.51540	0.010	-17.8	50.0
	44 2-Chloroethylvinyl ether	0.05840	0.05913	0.010	1.2	20.0
	45 cis-1,3-Dichloropropene	0.59057	0.56738	0.010	-3.9	50.0
	46 4-Methyl-2-pentanone	0.36909	0.35513	0.010	-3.8	50.0
$	47 Toluene-d8	1.18205	1.29513	0.010	9.6	50.0
	48 Toluene (*)	1.31962	1.31566	0.010	-0.3	20.0
	49 trans-1,3-Dichloropropene	0.65186	0.65164	0.010	-0.0	50.0
	50 1,1,2-Trichloroethane	0.45747	0.46074	0.010	0.7	50.0
	51 Tetrachloroethene	0.45939	0.47512	0.010	3.4	50.0
	52 1,3-Dichloropropane	0.76925	0.76324	0.010	-0.8	50.0
	53 2-Hexanone	0.34052	0.33527	0.010	-1.5	50.0
	54 Dibromochloromethane	0.70662	0.73213	0.010	3.6	50.0
	55 1,2-Dibromoethane	0.63968	0.64414	0.010	0.7	50.0
	57 Chlorobenzene (**)	1.01584	1.04080	0.300	2.5	50.0
	58 1,1,1,2-Tetrachloroethane	0.53293	0.54878	0.010	3.0	50.0
	59 Ethylbenzene (*)	0.48544	0.47624	0.010	-1.9	20.0
	60 m,p-Xylenes	0.59890	0.60357	0.010	0.8	50.0
	61 o-Xylene	0.59580	0.59960	0.010	0.6	50.0
	62 Styrene	0.95410	0.98619	0.010	3.4	50.0
M	63 Xylenes (total)	0.59787	0.60224	0.010	0.7	50.0
	64 Bromoform (**)	0.52838	0.55451	0.100	4.9	50.0
	65 Isopropylbenzene	1.76913	1.70275	0.010	-3.8	50.0
	66 4-Bromofluorobenzene-2nd	0.94190	0.96596	0.010	2.6	50.0
$	67 4-Bromofluorobenzene	1.56185	1.51877	0.010	-2.8	50.0
	68 Bromobenzene	0.88483	0.87253	0.010	-1.4	50.0
	69 1,1,2,2-Tetrachloroethane(*	1.25607	1.17262	0.300	-6.6	50.0
	70 1,2,3-Trichloropropane	0.35090	0.34022	0.010	-3.0	50.0
	71 n-Propylbenzene	3.24826	2.82687	0.010	-13.0	50.0
	72 2-Chlorotoluene	0.69859	0.64769	0.010	-7.3	50.0
	73 4-Chlorotoluene	0.73473	0.69580	0.010	-5.3	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2598.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m

Injection Date: 29-OCT-2000 09:58
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	2.21107	0.010	-10.3	50.0
75 tert-Butylbenzene	2.52551	2.18358	0.010	-13.5	50.0
76 1,2,4-Trimethylbenzene	2.47398	2.22256	0.010	-10.2	50.0
77 sec-Butylbenzene	3.37956	2.75522	0.010	-18.5	50.0
78 1,3-Dichlorobenzene	1.48278	1.43146	0.010	-3.5	50.0
80 1,4-Dichlorobenzene	1.57159	1.55327	0.010	-1.2	50.0
81 p-Isopropyltoluene	2.62904	2.23242	0.010	-15.1	50.0
82 1,2-Dichlorobenzene	1.42843	1.37735	0.010	-3.6	50.0
83 n-Butylbenzene	2.66820	2.07406	0.010	-22.3	50.0
84 1,2-Dibromo-3-chloropropane	0.33197	0.32027	0.010	-3.5	50.0
85 1,2,4-Trichlorobenzene	1.13411	1.01080	0.010	-10.9	50.0
86 Hexachlorobutadiene	0.61891	0.40052	0.010	-35.3	50.0
87 Napthalene	2.14822	2.05127	0.010	-4.5	50.0
88 1,2,3-Trichlorobenzene	1.04576	0.93165	0.010	-10.9	50.0

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2598.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m
Misc Info: 1279-1;78-1;84-1,,5,,2,all.SUB

Calibration Date: 29-OCT-2000
Calibration Time: 09:14

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2589353	1294677	5178706	2462244	-4.91
56 Chlorobenzene-d5	1945501	972751	3891002	1887027	-3.01
79 1,4-Dichlorobenze	1239974	619987	2479948	1209931	-2.42

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.08	6.58	7.58	7.08	-0.01
56 Chlorobenzene-d5	12.59	12.09	13.09	12.60	0.08
79 1,4-Dichlorobenze	17.25	16.75	17.75	17.24	-0.06

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\1029AD.B/DS2598.D
Inj. Date : 29-OCT-2000 09:58

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	7.08	0.01	2508747	2462244	98.1%
Chlorobenzene-d5	12.60	12.60	0.01	1950718	1887027	96.7%
1,4-Dichlorobenzene-d4	17.24	17.24	0.01	1222973	1209931	98.9%

8260B Area difference criteria: 50%-200%

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029AD.B\DS2598.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 29-OCT-2000 09:58
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\1029AD.B\8260BDA.m
Meth Date : 29-Oct-2000 10:23 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	1.464	1.464	(0.207)	932932	50.0000	52.72
2 Vinyl chloride (*)	62	1.700	1.700	(0.240)	641624	50.0000	54.16
3 Chloromethane (**)	50	1.621	1.621	(0.229)	617457	50.0000	45.43
4 Bromomethane	94	1.976	1.976	(0.279)	467453	50.0000	62.75
5 Chloroethane	64	2.065	2.065	(0.292)	404258	50.0000	63.72
6 Trichlorofluoromethane	101	2.291	2.291	(0.324)	1532421	50.0000	57.97
7 Acrolein	56	2.695	2.695	(0.381)	454037	500.000	521.4(AQ)
8 1,1-Dichloroethene(*)	96	2.794	2.794	(0.395)	526142	50.0000	43.79
9 1,1,2-Trichlorotrifluoroethan	151	2.804	2.804	(0.396)	636626	50.0000	42.43
10 Acetone	43	2.873	2.873	(0.406)	733831	250.000	229.9(Q)
11 Iodomethane	142	2.942	2.942	(0.415)	1591550	100.000	118.6(A)
12 Carbon disulfide	76	3.010	3.010	(0.425)	1216192	50.0000	44.98
13 Methylene chloride	84	3.326	3.326	(0.470)	634404	50.0000	47.38
14 t-Butanol	59	3.572	3.572	(0.505)	370030	1250.00	1154

	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	3.671	3.671	(0.518)	679500	50.0000	48.37
	16 Acrylonitrile	53	3.651	3.651	(0.516)	1367385	500.000	530.8(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.710	3.710	(0.524)	1697187	50.0000	47.90
	18 1,1-Dichloroethane (**)	63	4.262	4.262	(0.602)	1254927	50.0000	46.95
	19 Vinyl acetate	43	4.400	4.400	(0.621)	3622198	100.000	92.83
	20 Isopropyl ether	45	4.429	4.429	(0.626)	2512504	50.0000	45.04
	21 2,2-Dichloropropane	77	5.138	5.138	(0.726)	1233590	50.0000	46.74
	22 Tert-butyl ethyl ether	59	5.001	5.001	(0.706)	2184359	50.0000	44.85
	23 cis-1,2-Dichloroethene	96	5.168	5.168	(0.730)	711896	50.0000	47.52
	24 2-Butanone	43	5.257	5.257	(0.743)	1391433	250.000	240.7
	25 Bromochloromethane	128	5.552	5.552	(0.784)	484903	50.0000	54.68
	26 Chloroform (*)	83	5.710	5.710	(0.807)	1667900	50.0000	48.63
	27 Tetrahydrofuran	42	5.651	5.651	(0.798)	235392	50.0000	48.47
M	28 1,2-Dichloroethene (total)	100				1391397	100.000	95.89
$	29 Dibromofluoromethane	111	5.976	5.976	(0.844)	1471761	50.0000	50.56
	30 1,1,1-Trichloroethane	97	5.956	5.956	(0.841)	1450999	50.0000	47.03
	31 Carbon Tetrachloride	117	6.232	6.232	(0.880)	1383839	50.0000	48.61
	32 1,1-Dichloropropene	75	6.252	6.252	(0.883)	1235183	50.0000	46.72
$	33 1,2-Dichloroethane-d4	65	6.508	6.508	(0.919)	1035289	50.0000	48.78
	34 1,2-Dichloroethane-d4 2nd	102	6.508	6.508	(0.919)	259075	50.0000	56.44
	35 Benzene	78	6.587	6.587	(0.930)	2157014	50.0000	48.75
	36 1,2-Dichloroethane	62	6.636	6.636	(0.937)	1082560	50.0000	45.93
	37 Tert-amyl methyl ether	73	6.872	6.872	(0.971)	2172768	50.0000	45.68
*	38 Fluorobenzene	96	7.079	7.079	(1.000)	2462244	50.0000	
	39 Trichloroethene	130	7.720	7.720	(1.090)	987941	50.0000	51.42
	40 1,2-Dichloropropane(*)	63	8.104	8.104	(1.145)	936235	50.0000	47.49
	41 Dibromomethane	93	8.321	8.321	(1.175)	789416	50.0000	47.78
	42 Bromodichloromethane	83	8.636	8.636	(1.220)	1641764	50.0000	48.63
	43 1-Bromo-2-chloroethane	63	9.148	9.148	(1.292)	1269031	50.0000	41.08(Q)
	44 2-Chloroethylvinyl ether	106	9.247	9.247	(1.306)	291168	100.000	101.2(A)
	45 cis-1,3-Dichloropropene	75	9.444	9.444	(1.334)	1397029	50.0000	48.04
	46 4-Methyl-2-pentanone	43	9.799	9.799	(1.384)	4372118	250.000	240.5
$	47 Toluene-d8	98	9.907	9.907	(0.786)	2443954	50.0000	54.78
	48 Toluene (*)	91	10.025	10.025	(0.796)	2482687	50.0000	49.85
	49 trans-1,3-Dichloropropene	75	10.498	10.498	(0.833)	1229669	50.0000	49.98
	50 1,1,2-Trichloroethane	97	10.813	10.813	(0.858)	869430	50.0000	50.36
	51 Tetrachloroethene	164	11.020	11.020	(0.875)	896560	50.0000	51.71
	52 1,3-Dichloropropane	76	11.109	11.109	(0.882)	1440252	50.0000	49.61
	53 2-Hexanone	43	11.355	11.355	(0.901)	3163341	250.000	246.1
	54 Dibromochloromethane	129	11.523	11.523	(0.915)	1381550	50.0000	51.80
	55 1,2-Dibromoethane	107	11.680	11.680	(0.927)	1215508	50.0000	50.35
*	56 Chlorobenzene-d5	117	12.597	12.597	(1.000)	1887027	50.0000	
	57 Chlorobenzene (**)	112	12.646	12.646	(1.004)	1964014	50.0000	51.23
	58 1,1,1,2-Tetrachloroethane	131	12.833	12.833	(1.019)	1035567	50.0000	51.49
	59 Ethylbenzene (*)	106	12.902	12.902	(1.024)	898670	50.0000	49.05
	60 m,p-Xylenes	106	13.148	13.148	(1.044)	2277889	100.000	100.8
	61 o-Xylene	106	13.907	13.907	(1.104)	1131456	50.0000	50.32

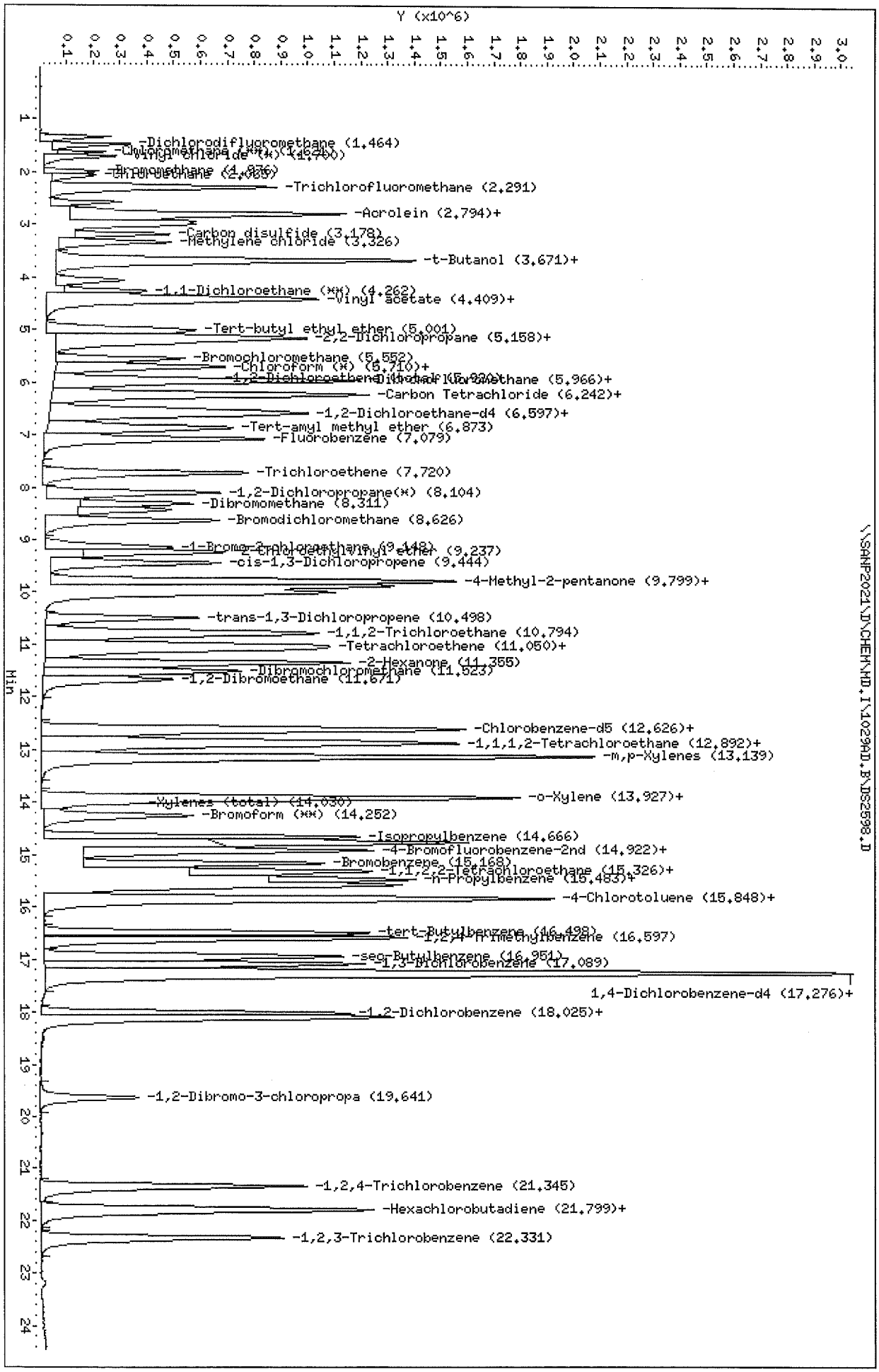
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.946	13.946	(1.107)	1860963	50.0000	51.68
M	63 Xylenes (total)	100				3409345	150.000	151.1
	64 Bromoform (**)	173	14.252	14.252	(1.131)	1046379	50.0000	52.47
	65 Isopropylbenzene	105	14.666	14.666	(1.164)	3213126	50.0000	48.12
	66 4-Bromofluorobenzene-2nd	174	14.932	14.932	(0.866)	1168742	50.0000	51.28
$	67 4-Bromofluorobenzene	95	14.932	14.932	(0.866)	1837606	50.0000	48.62
	68 Bromobenzene	156	15.168	15.168	(0.880)	1055706	50.0000	49.30
	69 1,1,2,2-Tetrachloroethane(**)	83	15.316	15.316	(0.889)	1418792	50.0000	46.68
	70 1,2,3-Trichloropropane	110	15.345	15.345	(0.890)	411648	50.0000	48.48
	71 n-Propylbenzene	91	15.483	15.483	(0.898)	3420319	50.0000	43.51
	72 2-Chlorotoluene	126	15.592	15.592	(0.905)	783664	50.0000	46.36
	73 4-Chlorotoluene	126	15.818	15.818	(0.918)	841873	50.0000	47.35
	74 1,3,5-Trimethylbenzene	105	15.868	15.868	(0.921)	2675244	50.0000	44.86
	75 tert-Butylbenzene	119	16.508	16.508	(0.958)	2641980	50.0000	43.23
	76 1,2,4-Trimethylbenzene	105	16.607	16.607	(0.963)	2689147	50.0000	44.92
	77 sec-Butylbenzene	105	16.951	16.951	(0.983)	3333631	50.0000	40.76
	78 1,3-Dichlorobenzene	146	17.089	17.089	(0.991)	1731969	50.0000	48.27
*	79 1,4-Dichlorobenzene-d4	152	17.237	17.237	(1.000)	1209931	50.0000	
	80 1,4-Dichlorobenzene	146	17.286	17.286	(1.003)	1879351	50.0000	49.42
	81 p-Isopropyltoluene	119	17.276	17.276	(1.002)	2701076	50.0000	42.46
	82 1,2-Dichlorobenzene	146	18.025	18.025	(1.046)	1666497	50.0000	48.21
	83 n-Butylbenzene	91	18.114	18.114	(1.051)	2509468	50.0000	38.87
	84 1,2-Dibromo-3-chloropropane	157	19.641	19.641	(1.139)	387502	50.0000	48.24
	85 1,2,4-Trichlorobenzene	180	21.345	21.345	(1.238)	1222993	50.0000	44.56
	86 Hexachlorobutadiene	225	21.759	21.759	(1.262)	484600	50.0000	32.36
	87 Napthalene	128	21.818	21.818	(1.266)	2481891	50.0000	47.74
	88 1,2,3-Trichlorobenzene	180	22.331	22.331	(1.296)	1127234	50.0000	44.54

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\1029AD.B\DS2598.D
Date : 29-OCT-2000 09:58
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\1029AD.B\D13531.D
Lab Smp Id: LCS-1029AD Client Smp ID: D13531
Inj Date : 29-OCT-2000 10:44
Operator : GFB Inst ID: md.i
Smp Info : LCS-1029AD,LCS,2,,0,1,0,8260BDA.M,D13531
Misc Info : 1282-1,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m
Meth Date : 29-Oct-2000 10:23 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	2.784	2.794	(0.393)	608767	49.8720	49.87
$ 29 Dibromofluoromethane	111	5.967	5.976	(0.843)	1531744	51.7947	51.79
$ 33 1,2-Dichloroethane-d4	65	6.499	6.508	(0.918)	971422	45.0538	45.05
34 1,2-Dichloroethane-d4 2nd	102	6.499	6.508	(0.918)	247233	53.0204	53.02
35 Benzene	78	6.568	6.587	(0.928)	2212963	49.2335	49.23
* 38 Fluorobenzene	96	7.080	7.079	(1.000)	2501416	50.0000	
39 Trichloroethene	130	7.710	7.720	(1.089)	1008585	51.6767	51.68
$ 47 Toluene-d8	98	9.898	9.907	(0.786)	2383266	52.1627	52.16
48 Toluene (*)	91	10.016	10.025	(0.796)	2473698	48.4976	48.50
* 56 Chlorobenzene-d5	117	12.587	12.597	(1.000)	1932619	50.0000	
57 Chlorobenzene (**)	112	12.637	12.646	(1.004)	1921838	48.9457	48.94
$ 67 4-Bromofluorobenzene	95	14.922	14.932	(0.866)	1776580	45.3842	45.38
66 4-Bromofluorobenzene-2nd	174	14.922	14.932	(0.866)	1130928	47.9060	47.90
* 79 1,4-Dichlorobenzene-d4	152	17.228	17.237	(1.000)	1253171	50.0000	

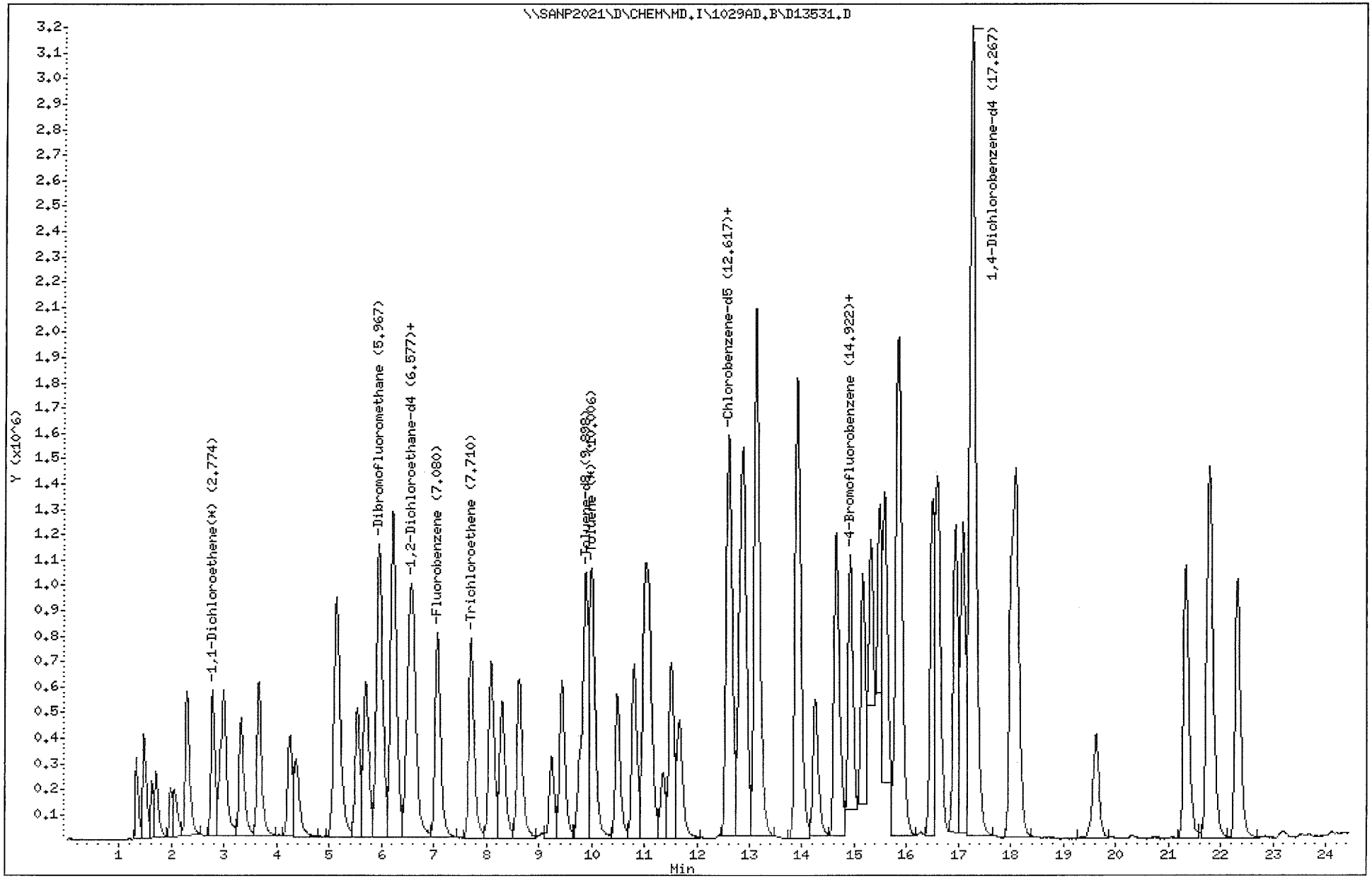
Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13531.D
Date : 29-OCT-2000 10:44
Client ID: D13531
Sample Info: LCS-1029AD,LCS,2,,0,1,0,8260BDA.M,D13531

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0173942

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029AD.B\D13532.D
Lab Smp Id: MB-1029AD Client Smp ID: D13532
Inj Date : 29-OCT-2000 11:15
Operator : GFB Inst ID: md.i
Smp Info : MB-1029AD,BLANK,2,,0,1,0,8260BDA.M,D13532
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m
Meth Date : 29-Oct-2000 11:12 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	5.962	5.976	(0.843)	1409855	49.9765	49.98
$ 33 1,2-Dichloroethane-d4	65	6.494	6.508	(0.918)	884112	42.9856	42.98
34 1,2-Dichloroethane-d4 2nd	102	6.494	6.508	(0.918)	214569	48.2387	48.24
36 1,2-Dichloroethane	62	7.066	6.636	(0.999)	35359	1.54798	1.55(aQ)
* 38 Fluorobenzene	96	7.075	7.079	(1.000)	2386128	50.0000	
$ 47 Toluene-d8	98	9.893	9.907	(0.786)	2280618	49.1833	49.18
* 56 Chlorobenzene-d5	117	12.583	12.597	(1.000)	1961408	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.918	14.932	(0.866)	1080426	46.9601	46.96
$ 67 4-Bromofluorobenzene	95	14.928	14.932	(0.866)	1686824	44.2150	44.21
* 79 1,4-Dichlorobenzene-d4	152	17.233	17.237	(1.000)	1221323	50.0000	(Q)

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1029AD.B\D13532.D
Lab Smp Id: MB-1029AD Client Smp ID: D13532
Inj Date : 29-OCT-2000 11:15
Operator : GFB Inst ID: md.i
Smp Info : MB-1029AD,BLANK,2,,0,1,0,8260BDA.M,D13532
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m
Meth Date : 29-Oct-2000 11:12 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	7.076	5647306	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	1242472	11.0005707	11.00	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

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

Client SDG: SDGa86601
Client Smp ID: D13532
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~~, Co2/air	1.322	11.00	J

BOE-C6-0173946

BOE-C6-0173949

BOE-C6-0173950

BOE-C6-0173951

BOE-C6-0173960

BOE-C6-0173961

Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13536.D

Date : 29-OCT-2000 13:20

Client ID: D13536

Instrument: md.i

Sample Info: DNCE31C6,,2,,0,1,0,8260BDA.M,D13536

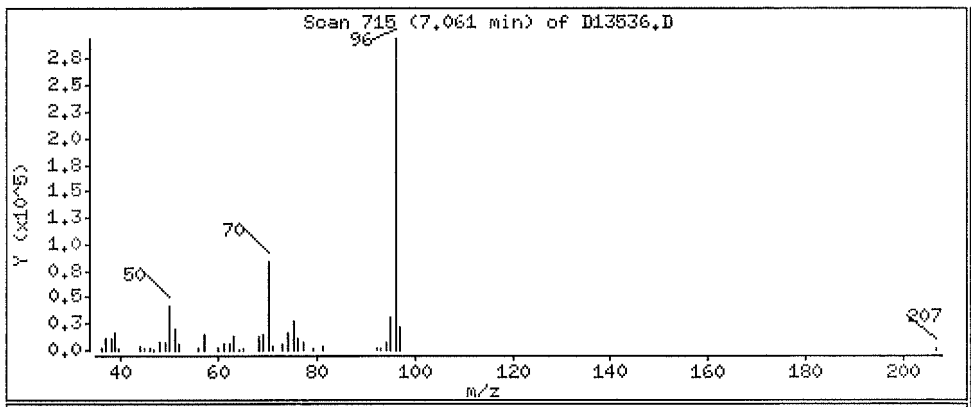
Operator: GFB

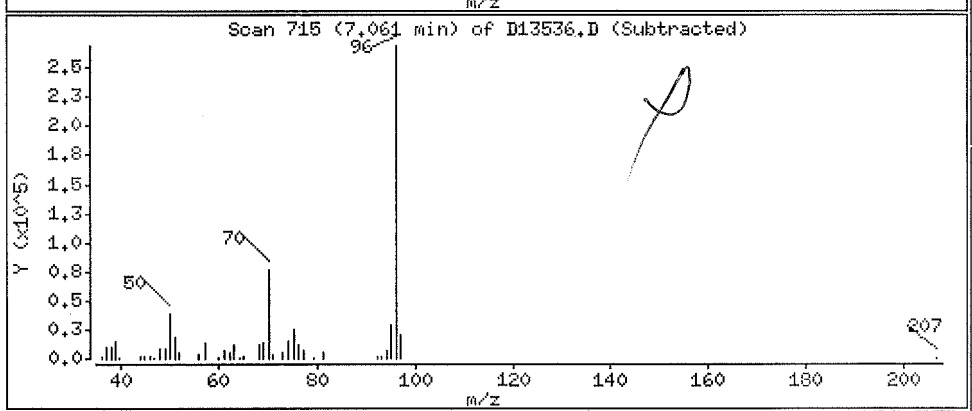
Column phase: J&W DB-624

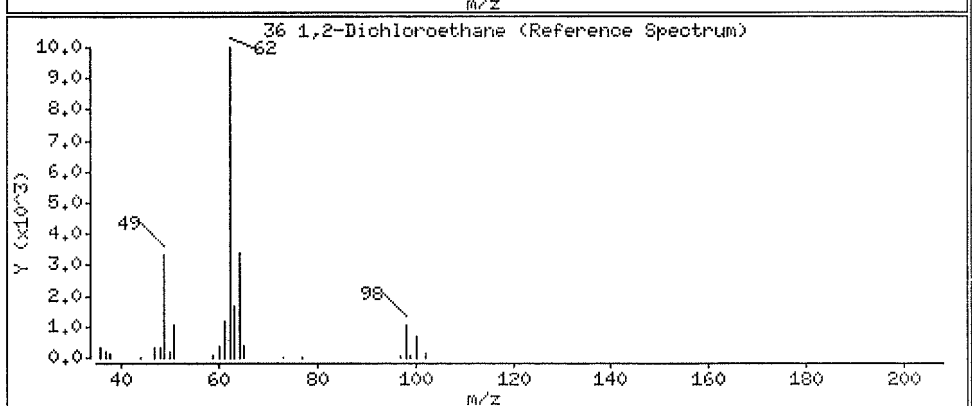
Column diameter: 0.53

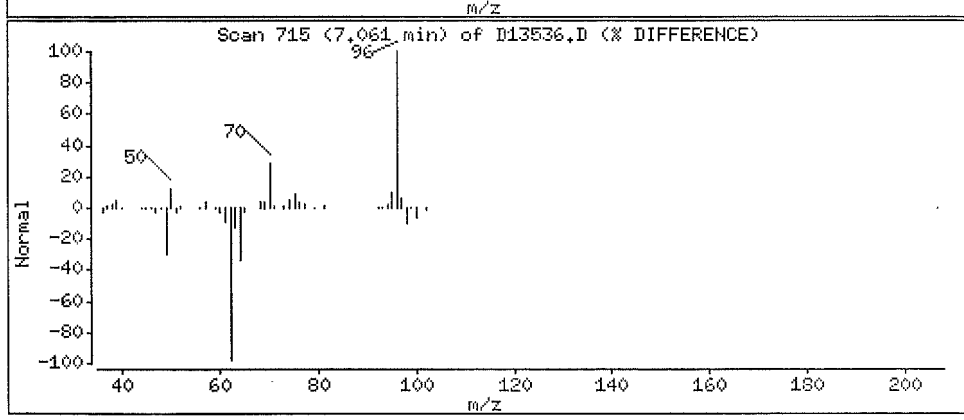
36 1,2-Dichloroethane

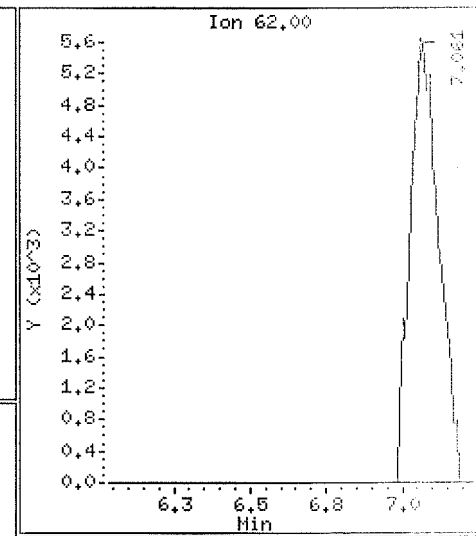
Concentration: 1.69 ug/Kg

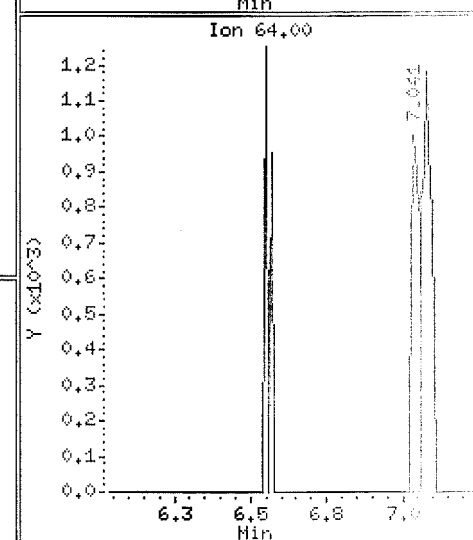


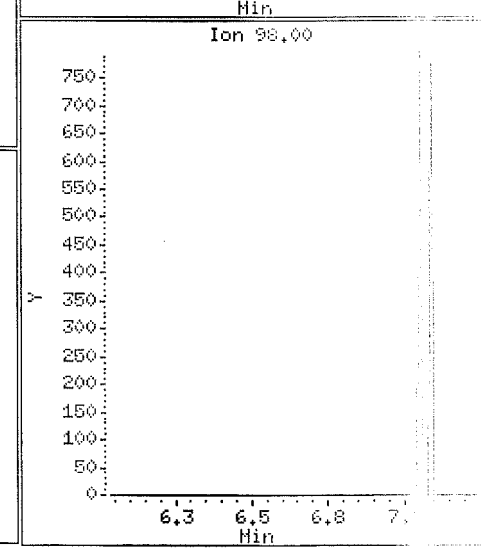












Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13536.D

Date : 29-OCT-2000 13:20

Client ID: D13536

Instrument: md.i

Sample Info: DNCE31C6,,2,,0,1,0,8260BDA.M,D13536

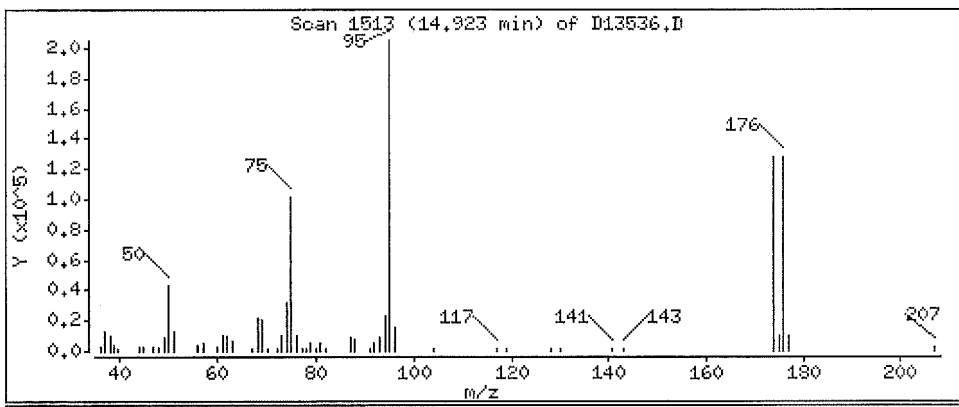
Operator: GFB

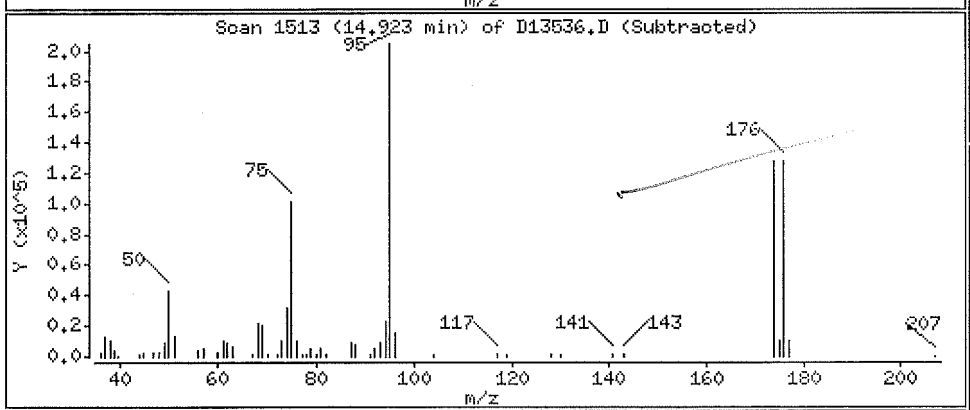
Column phase: J&W DB-624

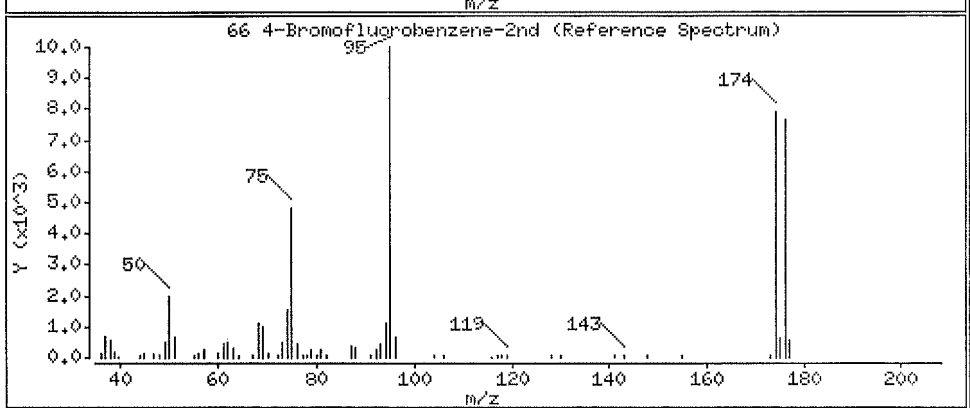
Column diameter: 0.53

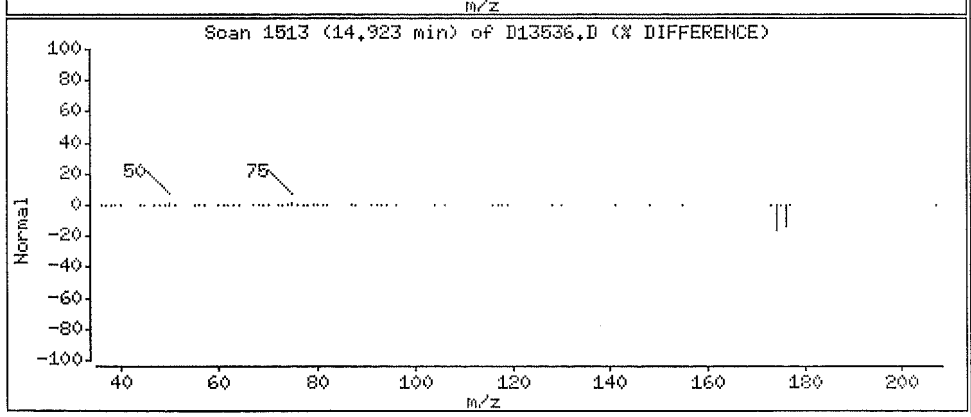
66 4-Bromofluorobenzene-2nd

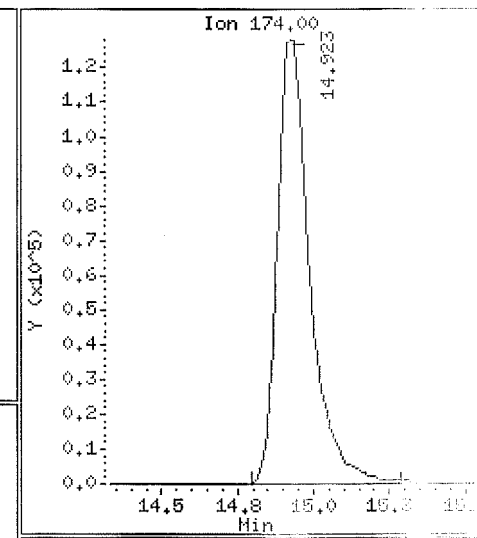
Concentration: 48.46 ug/Kg

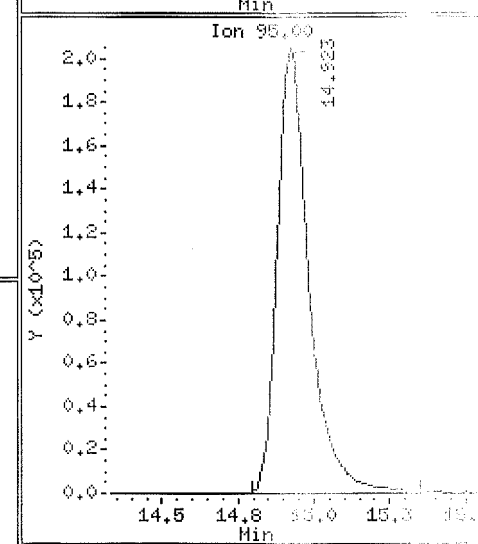


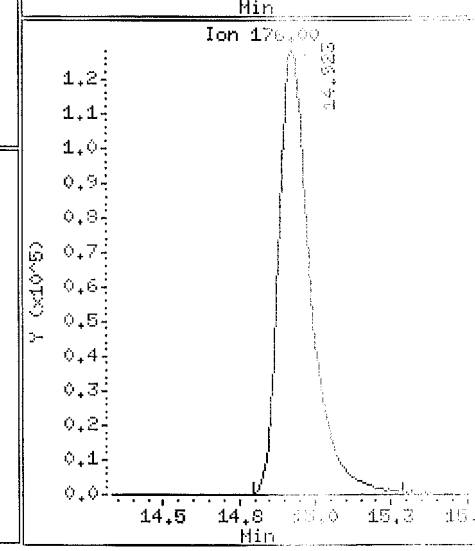












Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13536.D

Date : 29-OCT-2000 13:20

Client ID: D13536

Instrument: md.i

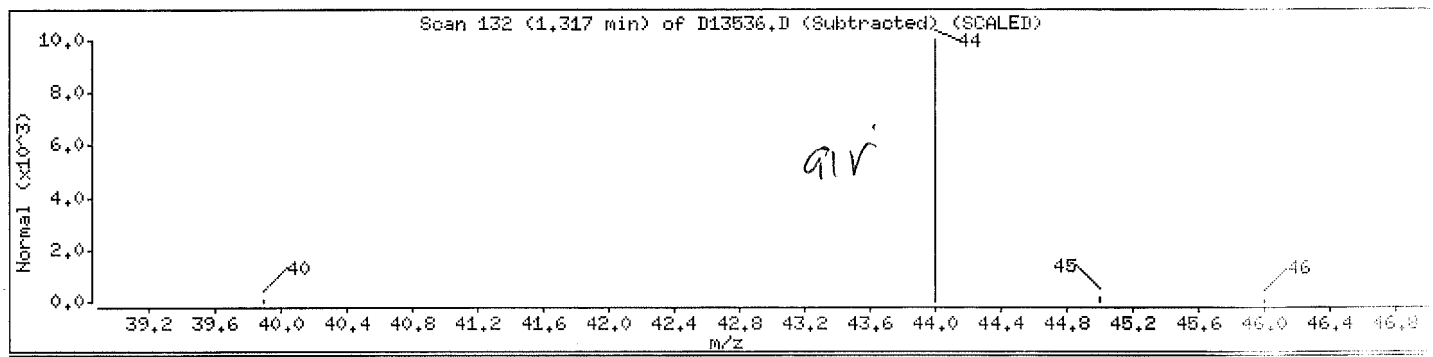
Sample Info: DNCE31C6,,2,,0,1,0,8260BDA.M,D13536

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\1029AD.B\D13546.D
Lab Smp Id: DNCFA1A0 Client Smp ID: D13546
Inj Date : 29-OCT-2000 18:33
Operator : GFB Inst ID: md.i
Smp Info : DNCFA1A0,,2,,0,1,0,8260BDA.M,D13546
Misc Info : 165-2,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m
Meth Date : 29-Oct-2000 11:12 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)
$ 29 Dibromofluoromethane	111	5.967	5.976	(0.844)	1240889	49.1898	49.19
$ 33 1,2-Dichloroethane-d4	65	6.499	6.508	(0.919)	757557	41.1891	41.19
34 1,2-Dichloroethane-d4 2nd	102	6.499	6.508	(0.919)	183563	46.1494	46.15
36 1,2-Dichloroethane	62	7.070	6.636	(1.000)	33873	1.65831	1.66(aQ)
* 38 Fluorobenzene	96	7.070	7.079	(1.000)	2133744	50.0000	
$ 47 Toluene-d8	98	9.898	9.907	(0.786)	2041901	48.5313	48.53
* 56 Chlorobenzene-d5	117	12.587	12.597	(1.000)	1779698	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.932	14.932	(0.866)	974350	46.4076	46.41
$ 67 4-Bromofluorobenzene	95	14.922	14.932	(0.866)	1483866	42.6220	42.62
* 79 1,4-Dichlorobenzene-d4	152	17.238	17.237	(1.000)	1114528	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\1029AD.B\D13546.D
Lab Smp Id: DNCFA1A0 Client Smp ID: D13546
Inj Date : 29-OCT-2000 18:33
Operator : GFB Inst ID: md.i
Smp Info : DNCFA1A0,,2,,0,1,0,8260BDA.M,D13546
Misc Info : 165-2,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m
Meth Date : 29-Oct-2000 11:12 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	7.070	4957695	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	1463730	14.7622035	14.76	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCFA1A0
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13546
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	1.317	14.76	J

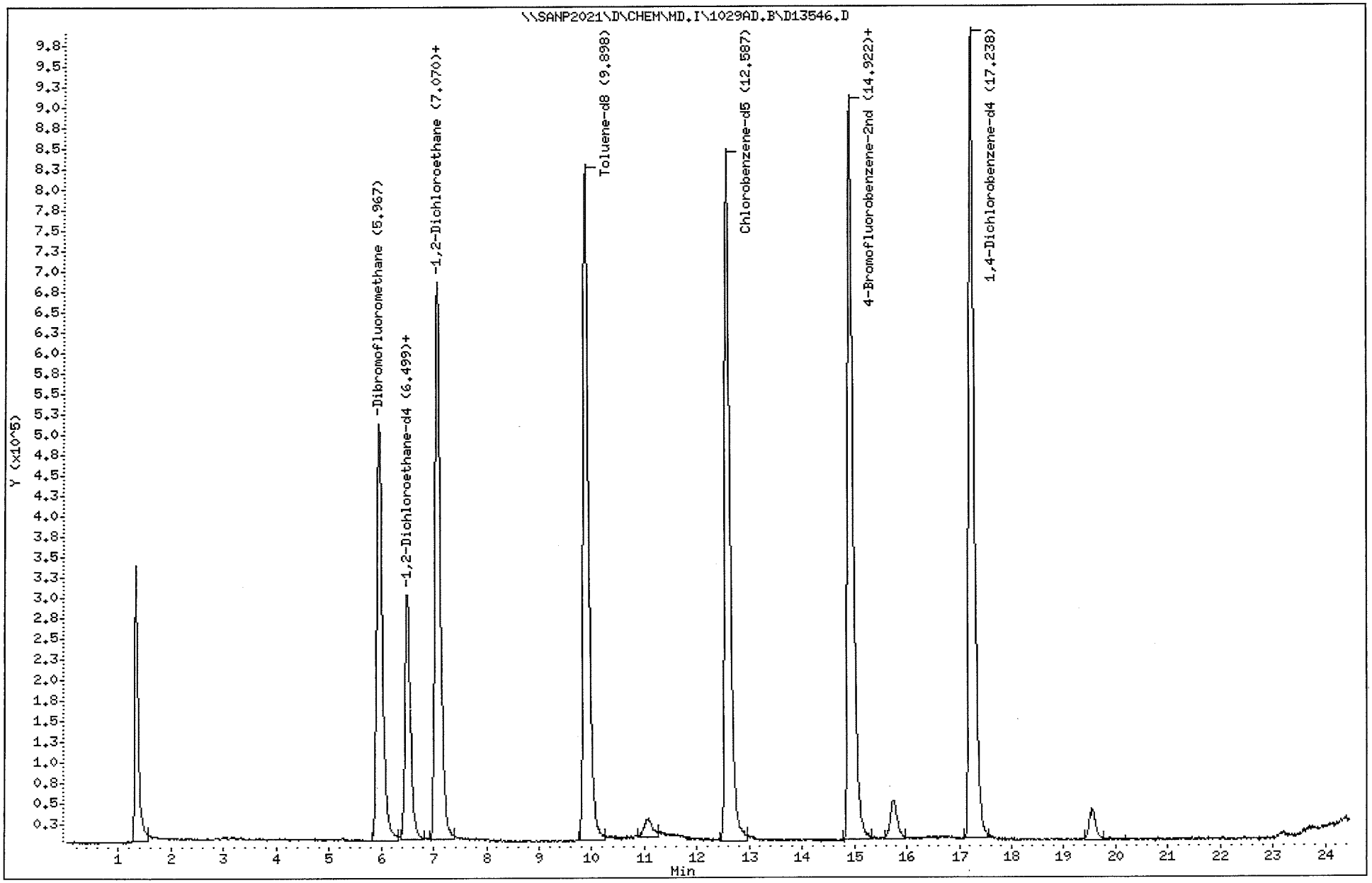
Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13546.D
Date : 29-OCT-2000 18:33
Client ID: D13546
Sample Info: DNCFA1A0,,2,,0,1,0,8260BDA.M,D13546

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0173969

Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13546.D

Date : 29-OCT-2000 18:33

Client ID: D13546

Instrument: md.i

Sample Info: DNCFA1A0,,2,,0,1,0,8260BDA.M,D13546

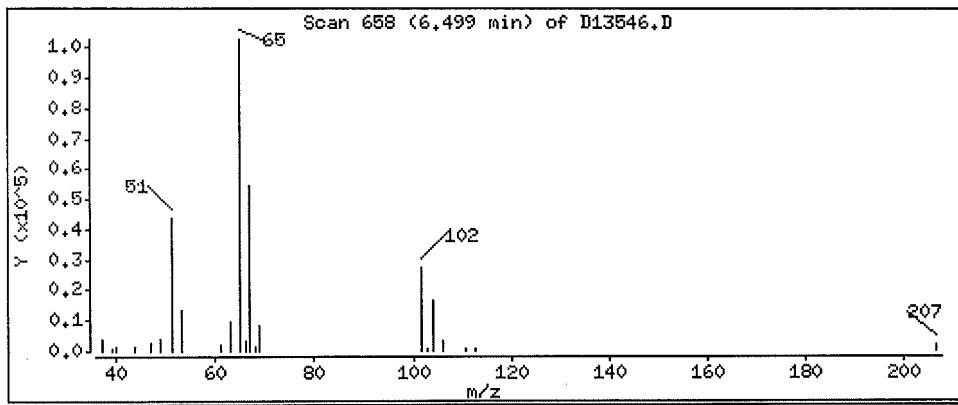
Operator: GFB

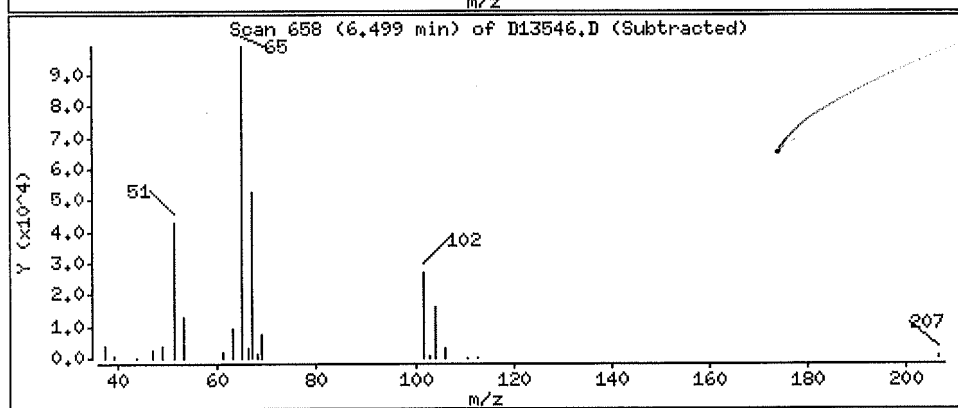
Column phase: J&W DB-624

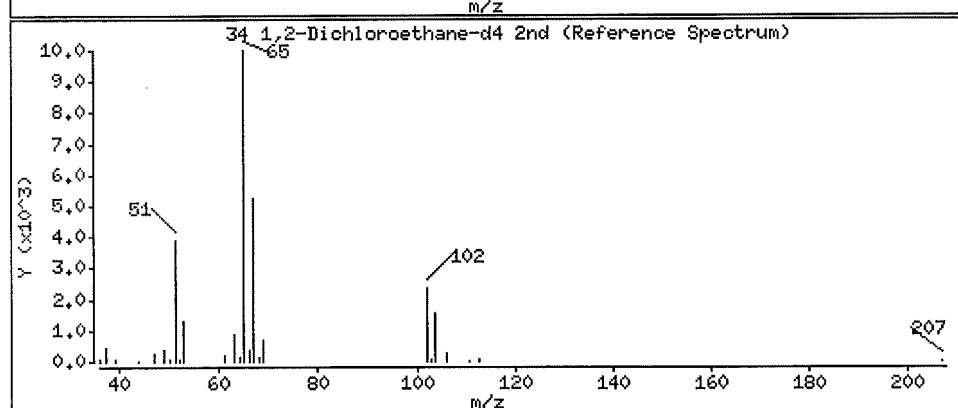
Column diameter: 0.53

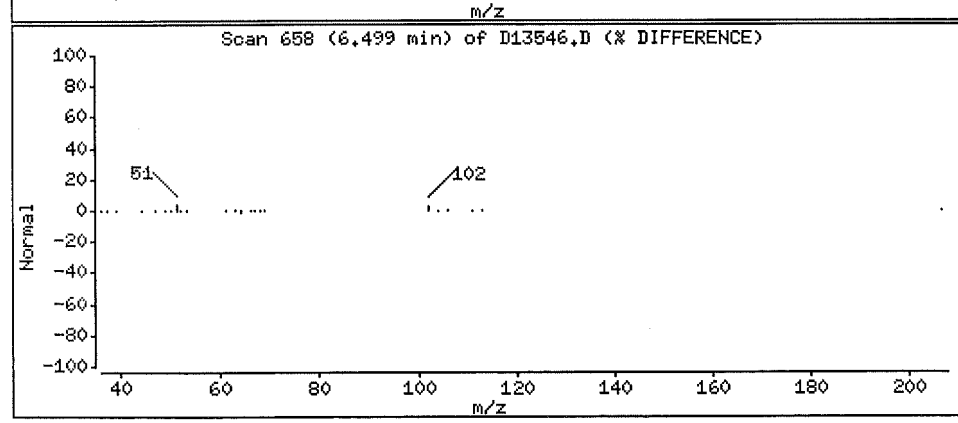
34 1,2-Dichloroethane-d4 2nd

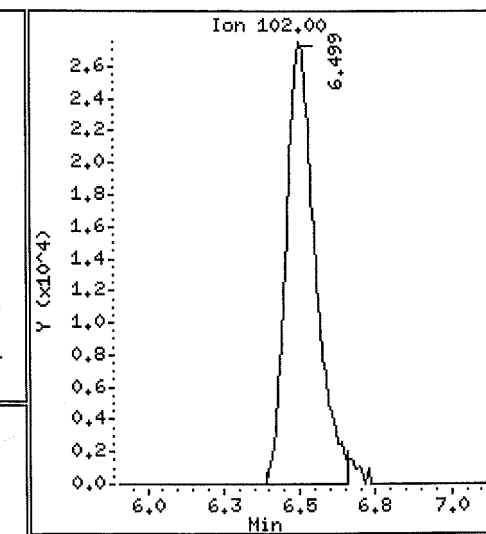
Concentration: 46.15 ug/Kg

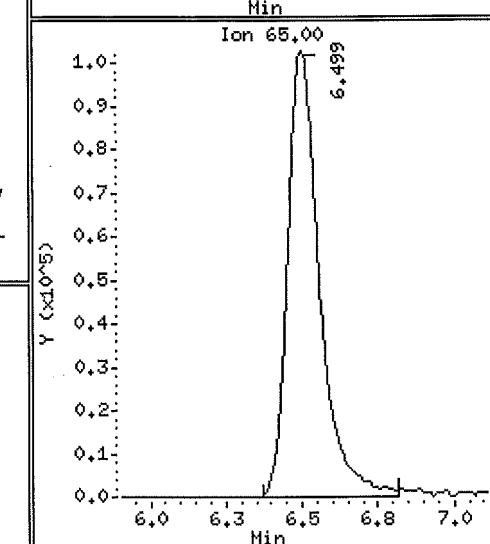












Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13546.D

Date : 29-OCT-2000 18:33

Client ID: D13546

Instrument: md.i

Sample Info: DNCFA1A0,,2,,0,1,0,8260BDA.M,D13546

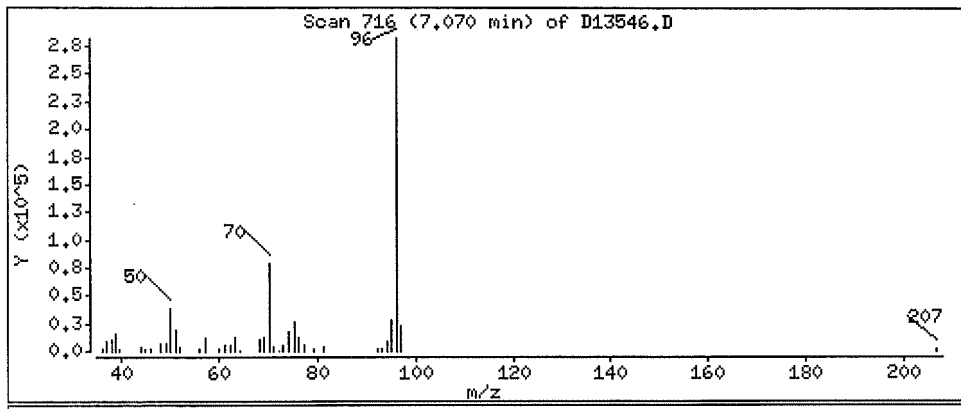
Operator: GFB

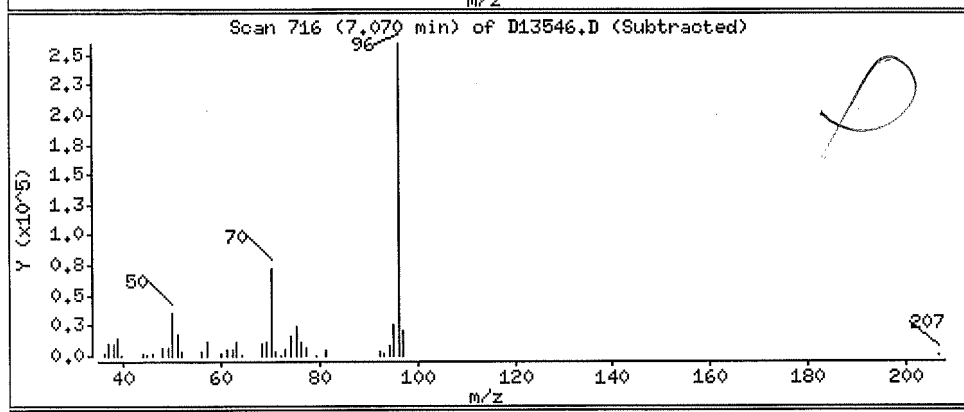
Column phase: J&W DB-624

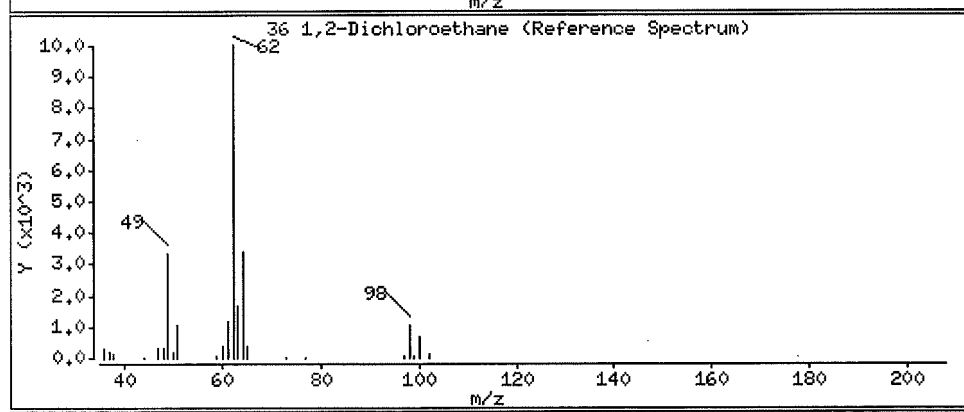
Column diameter: 0.53

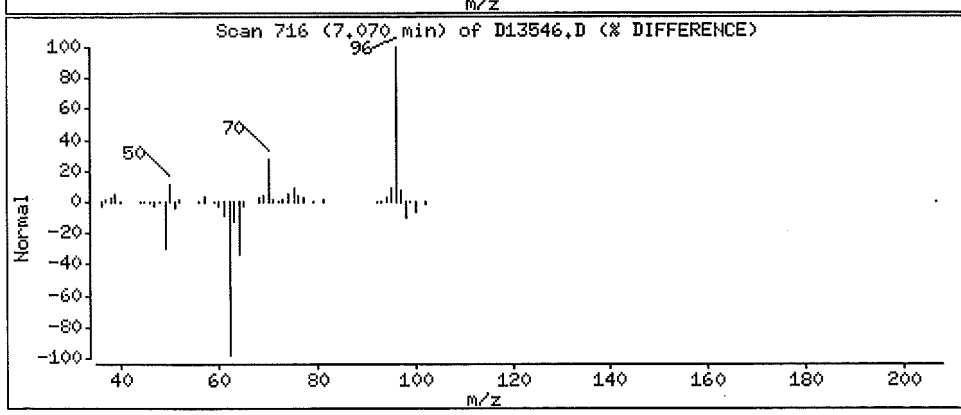
36 1,2-Dichloroethane

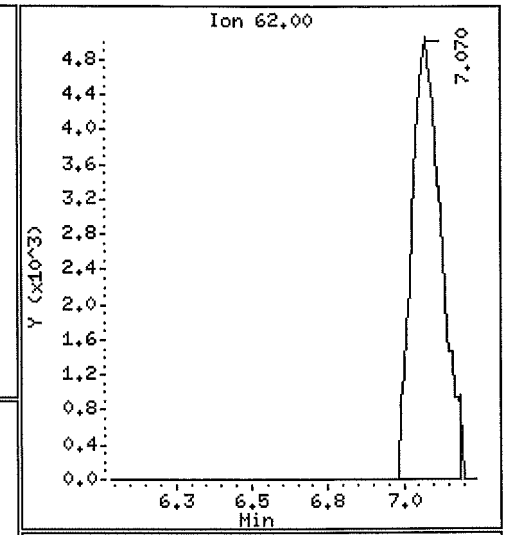
Concentration: 1.66 ug/Kg

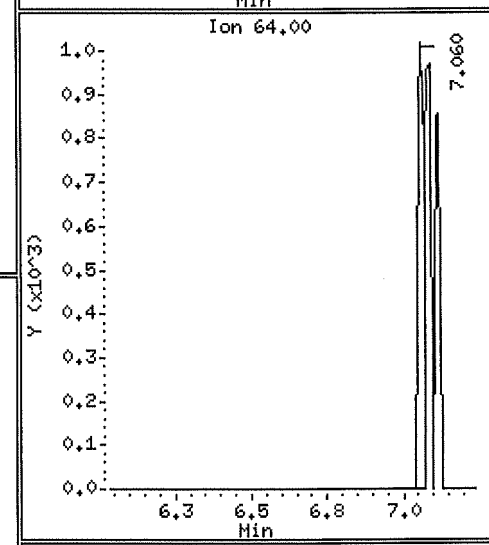


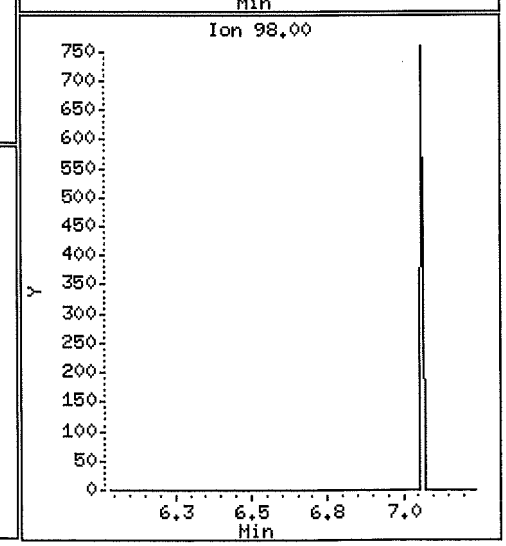












Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13546.D

Date : 29-OCT-2000 18:33

Client ID: D13546

Instrument: md.i

Sample Info: DNCFA1A0,,2,,0,1,0,8260BDA.M,D13546

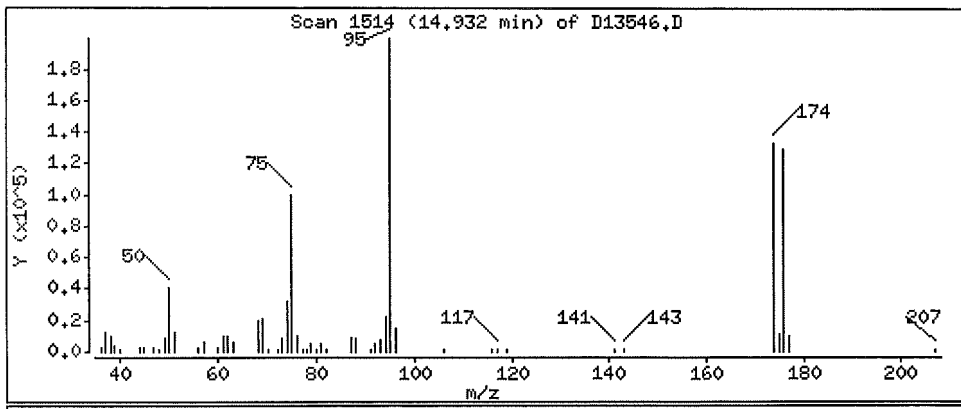
Operator: GFB

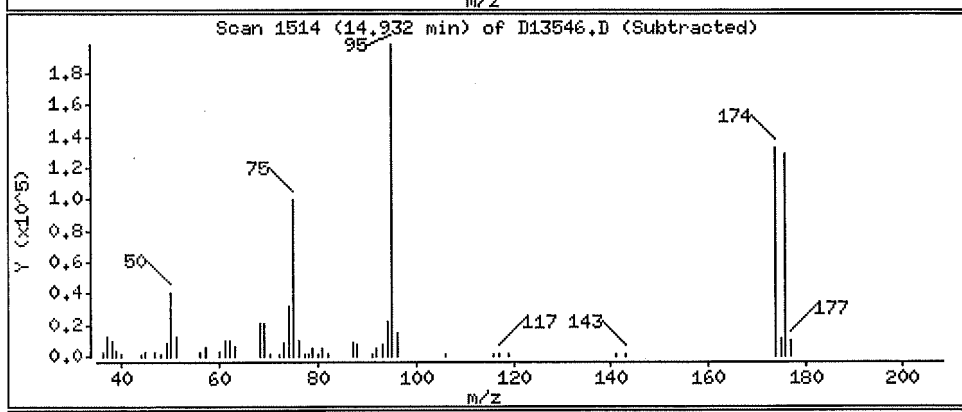
Column phase: J&W DB-624

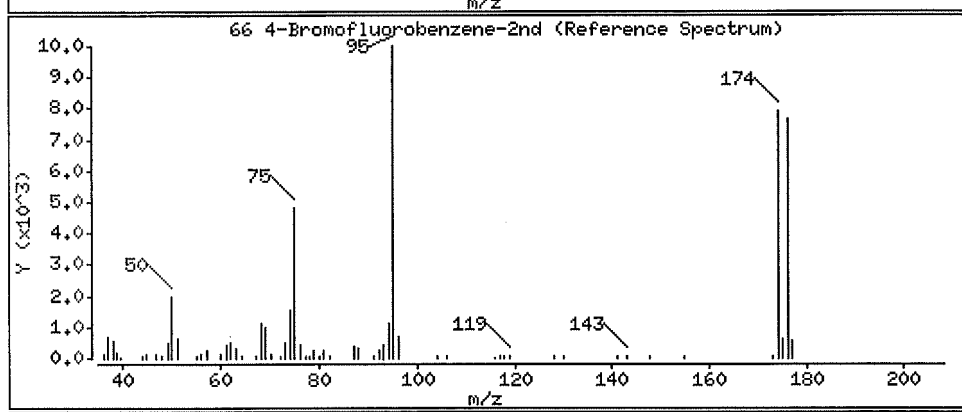
Column diameter: 0.53

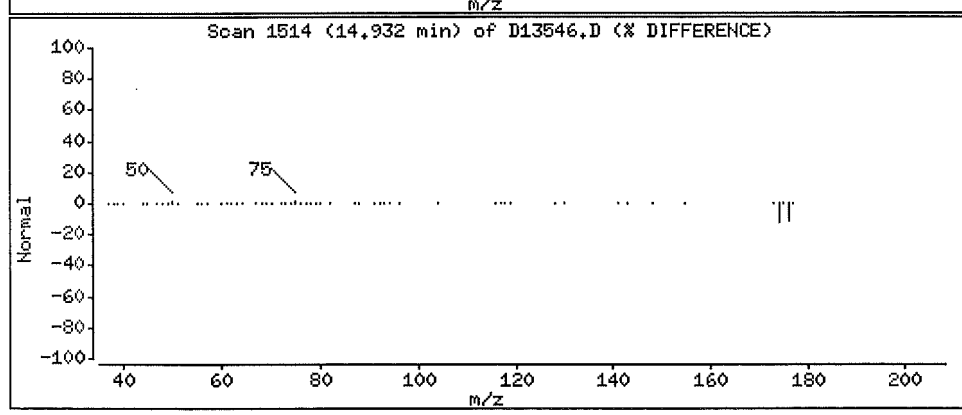
66 4-Bromofluorobenzene-2nd

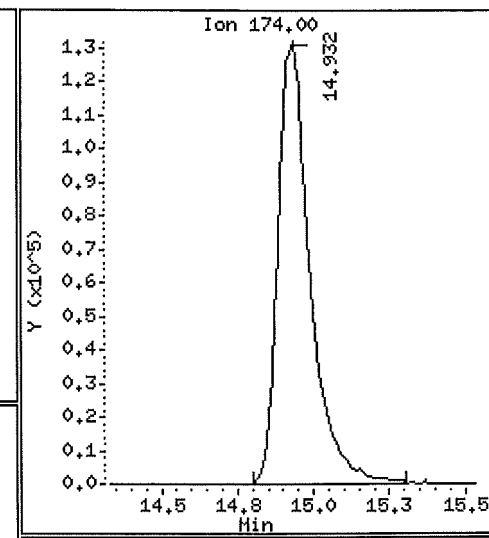
Concentration: 46.41 ug/Kg

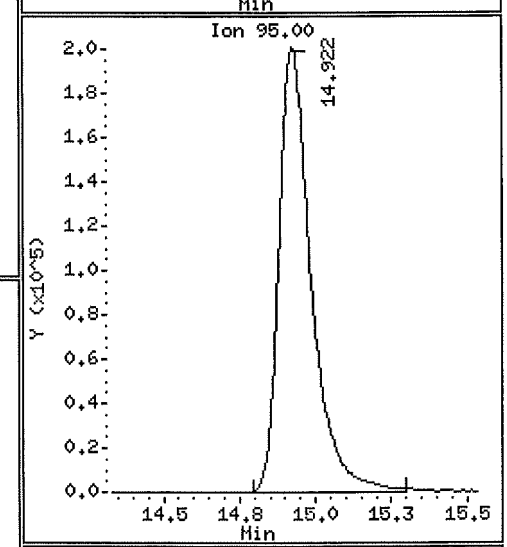


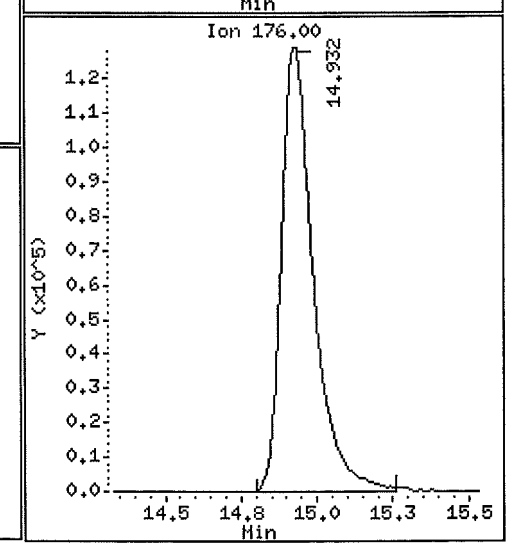












Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13546.D

Date : 29-OCT-2000 18:33

Client ID: D13546

Instrument: md.i

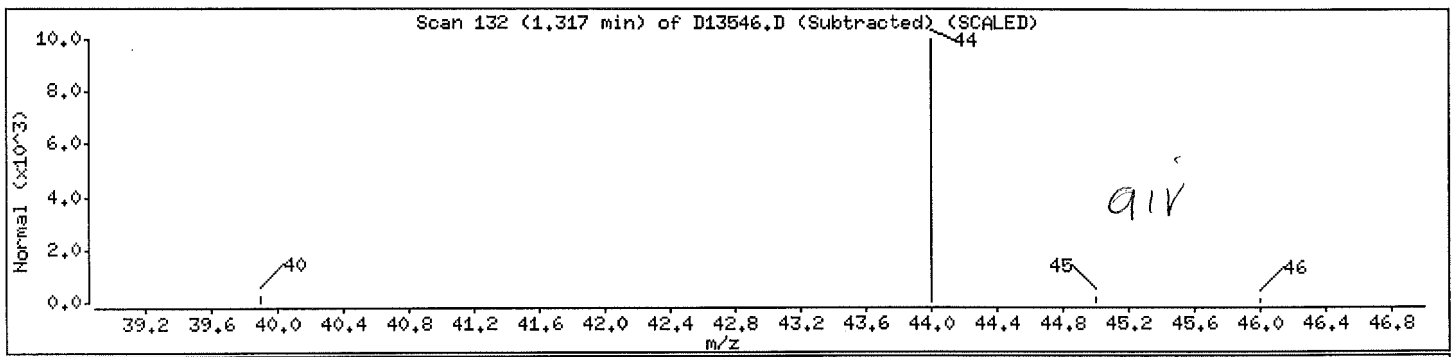
Sample Info: DNCFA1A0,,2,,0,1,0,8260BDA.M,D13546

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\1029AD.B\D13538.D
Lab Smp Id: DNCFG1AC Client Smp ID: D13538
Inj Date : 29-OCT-2000 14:23
Operator : GFB Inst ID: md.i
Smp Info : DNCFG1AC,,2,,0,1,0,8260BDA.M,D13538
Misc Info : 165-3,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m
Meth Date : 29-Oct-2000 11:12 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	5.967	5.976	(0.844)	1268362	50.0746	50.07
$ 33 1,2-Dichloroethane-d4	65	6.499	6.508	(0.919)	782492	42.3720	42.37
34 1,2-Dichloroethane-d4 2nd	102	6.479	6.508	(0.916)	185902	46.5475	46.55
36 1,2-Dichloroethane	62	7.080	6.636	(1.001)	33944	1.65503	1.66(aQ)
* 38 Fluorobenzene	96	7.070	7.079	(1.000)	2142451	50.0000	
$ 47 Toluene-d8	98	9.888	9.907	(0.786)	2096602	49.9520	49.95
* 56 Chlorobenzene-d5	117	12.588	12.597	(1.000)	1775402	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.922	14.932	(0.866)	969708	46.4902	46.49
$ 67 4-Bromofluorobenzene	95	14.922	14.932	(0.866)	1496240	43.2601	43.26
* 79 1,4-Dichlorobenzene-d4	152	17.228	17.237	(1.000)	1107245	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\1029AD.B\D13538.D
Lab Smp Id: DNCFG1AC Client Smp ID: D13538
Inj Date : 29-OCT-2000 14:23
Operator : GFB Inst ID: md.i
Smp Info : DNCFG1AC,,2,,0,1,0,8260BDA.M,D13538
Misc Info : 165-3,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m
Meth Date : 29-Oct-2000 11:12 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	7.070	5002315	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	1276671	12.7607994	12.76	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCFG1AC
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13538
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~~ Oil	1.326	12.76	J

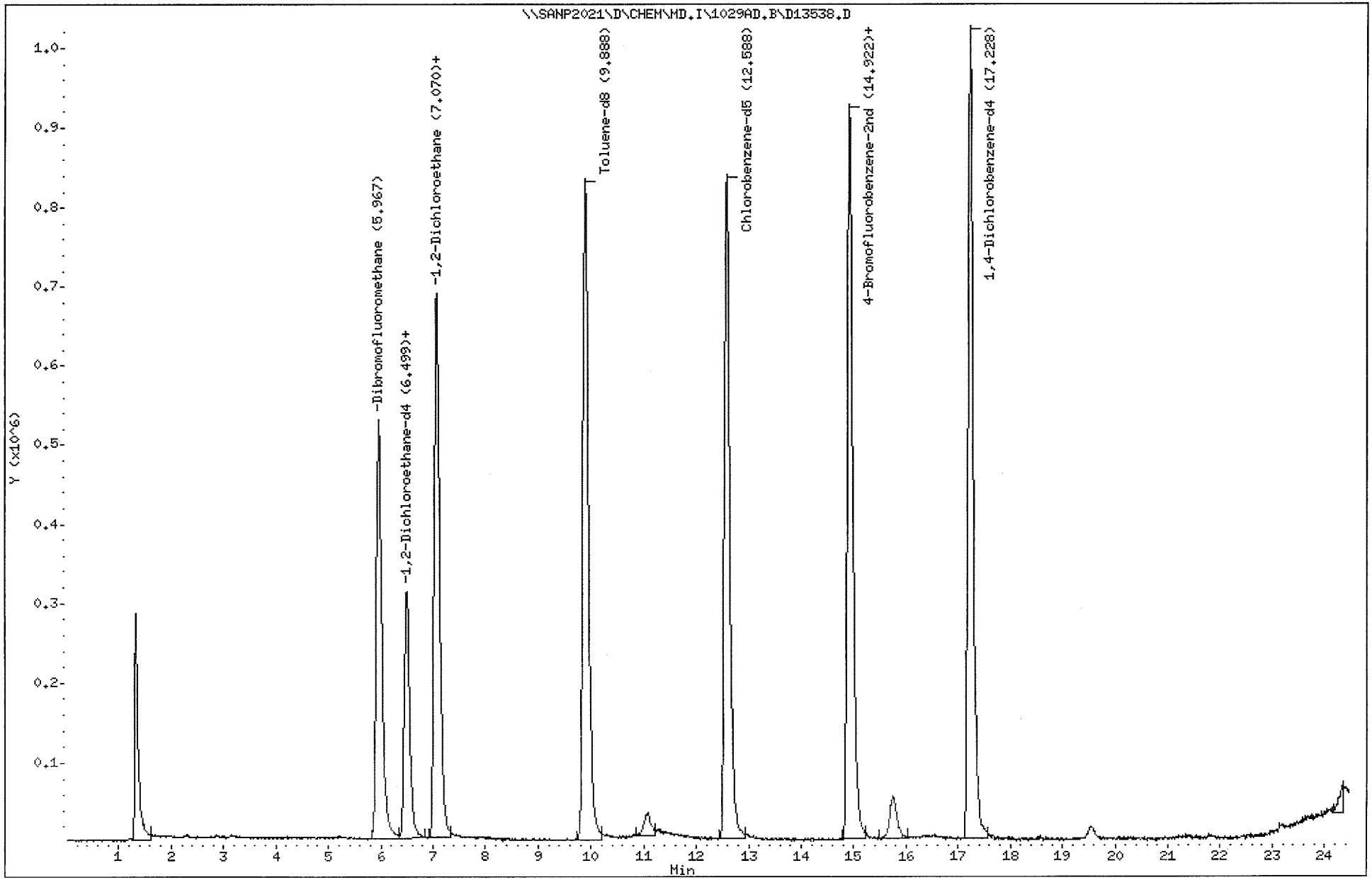
Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13538.D
Date : 29-OCT-2000 14:23
Client ID: D13538
Sample Info: DNCFG1AC,,2,,0,1,0,8260BDA.M,D13538

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000485

BOE-C6-0173978

Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13538.D

Date : 29-OCT-2000 14:23

Client ID: D13538

Instrument: md.i

Sample Info: DNCFG1AC,,2,,0,1,0,8260BDA.M,D13538

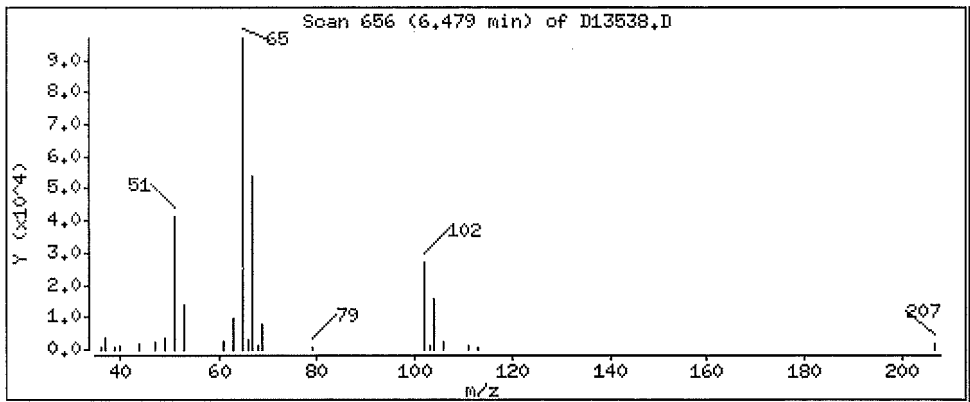
Operator: GFB

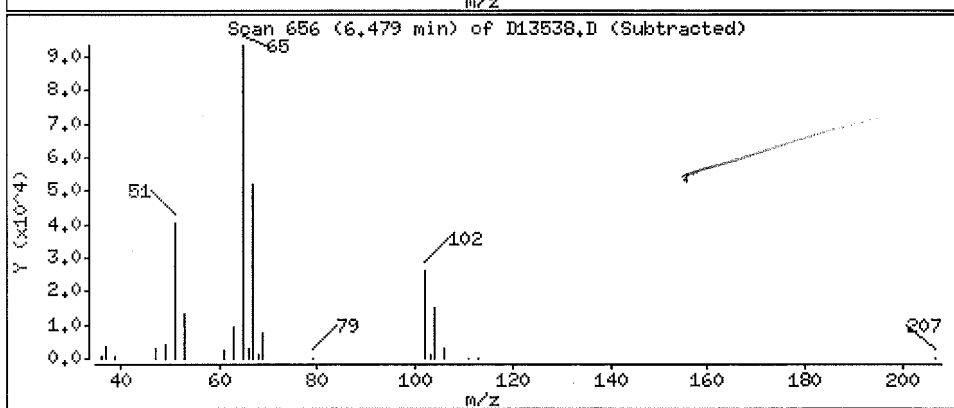
Column phase: J&W DB-624

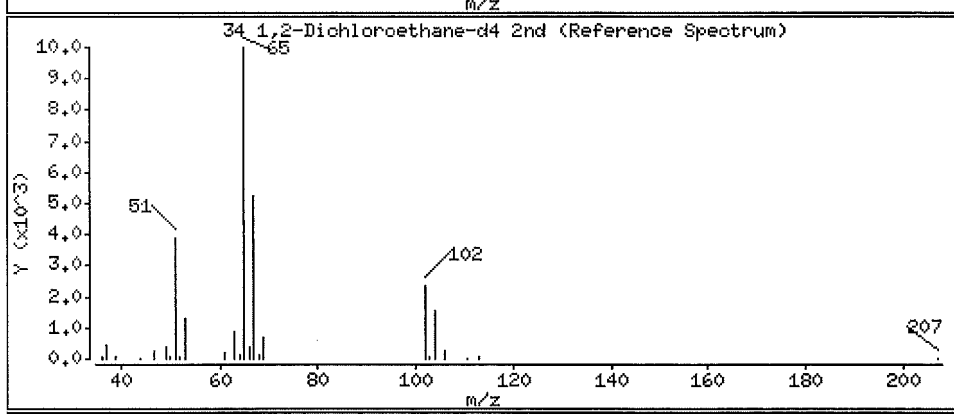
Column diameter: 0.53

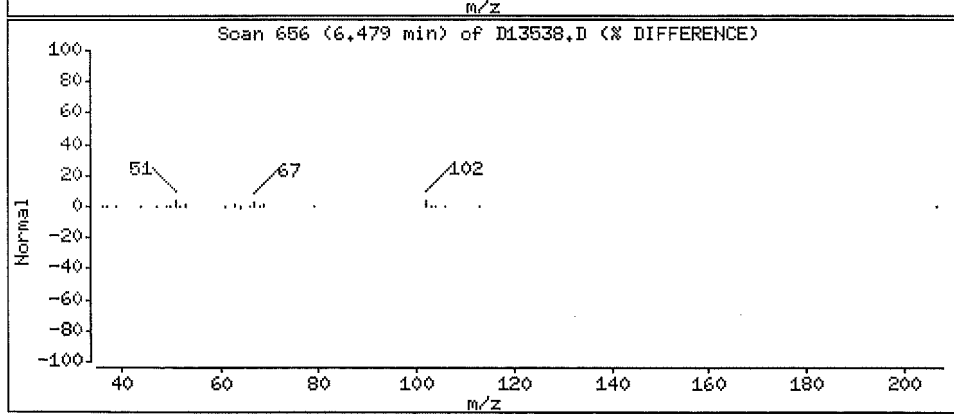
34 1,2-Dichloroethane-d4 2nd

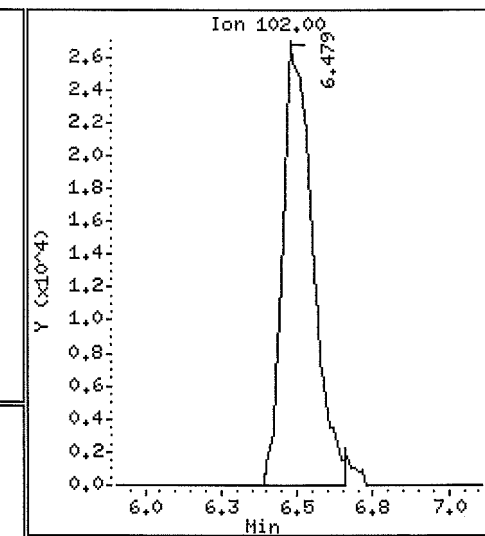
Concentration: 46.55 ug/Kg

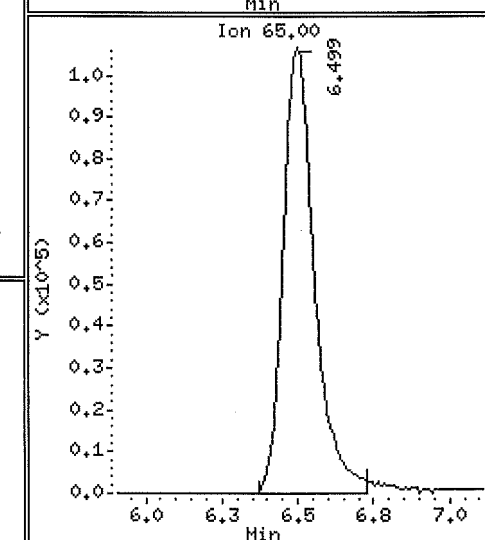












Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13538.D

Date : 29-OCT-2000 14:23

Client ID: D13538

Instrument: md.i

Sample Info: DNCFG1AC,,2,,0,1,0,8260BDA.M,D13538

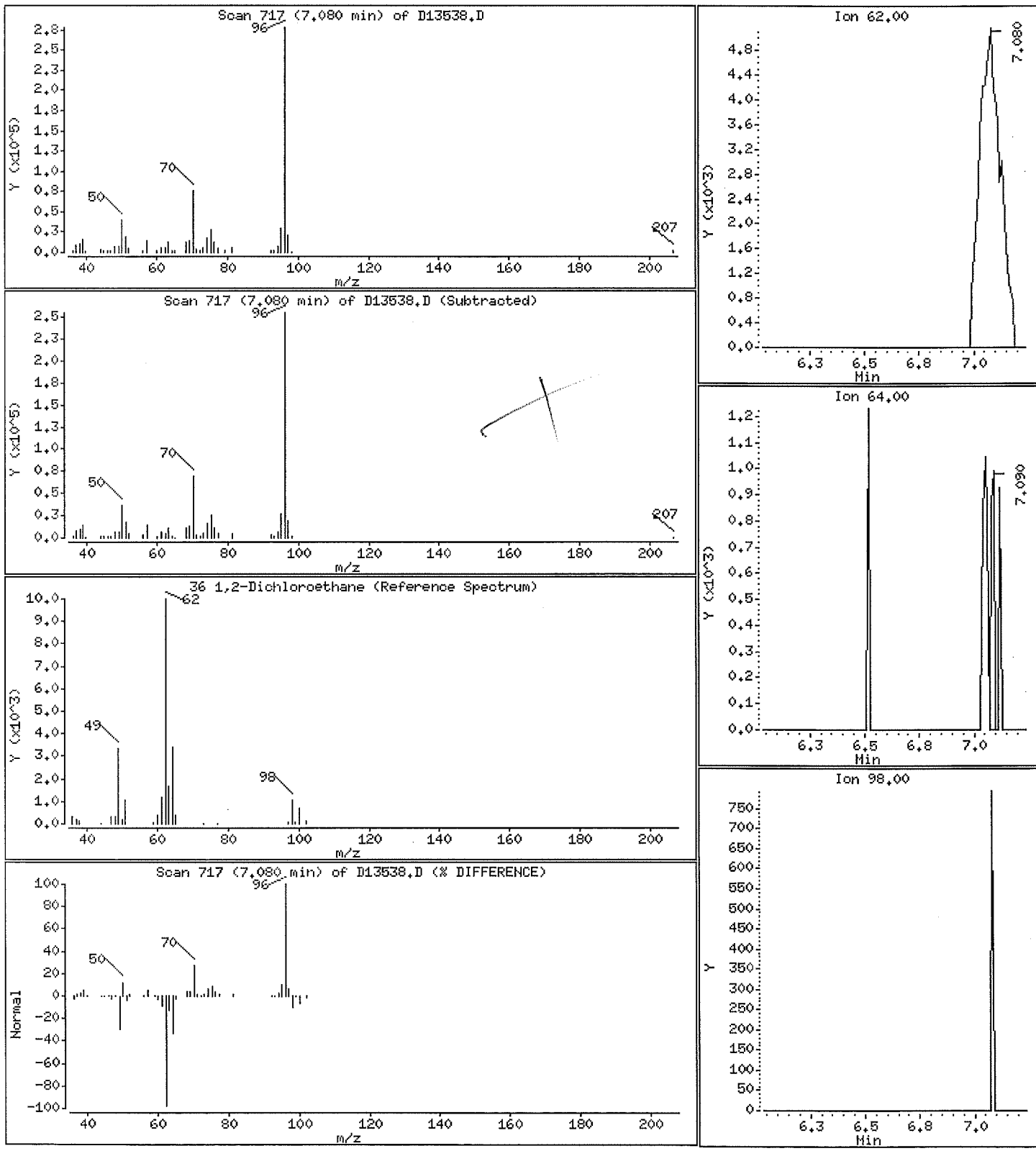
Operator: GFB

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\1029AD.B\D13538.D

Date : 29-OCT-2000 14:23

Client ID: D13538

Instrument: md.i

Sample Info: DNCFG1AC,,2,,0,1,0,8260BDA.M,D13538

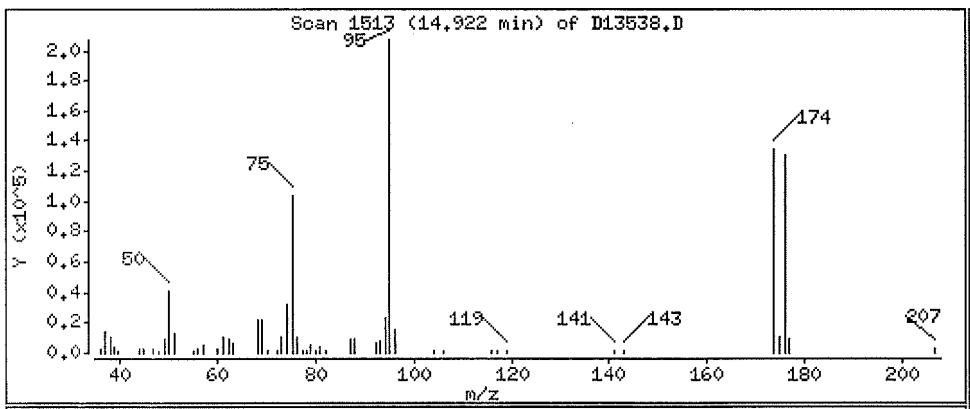
Operator: GFB

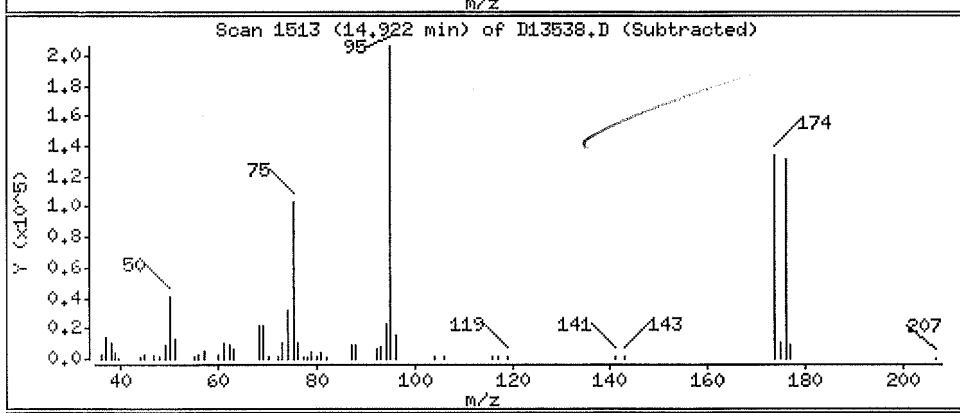
Column phase: J&W DB-624

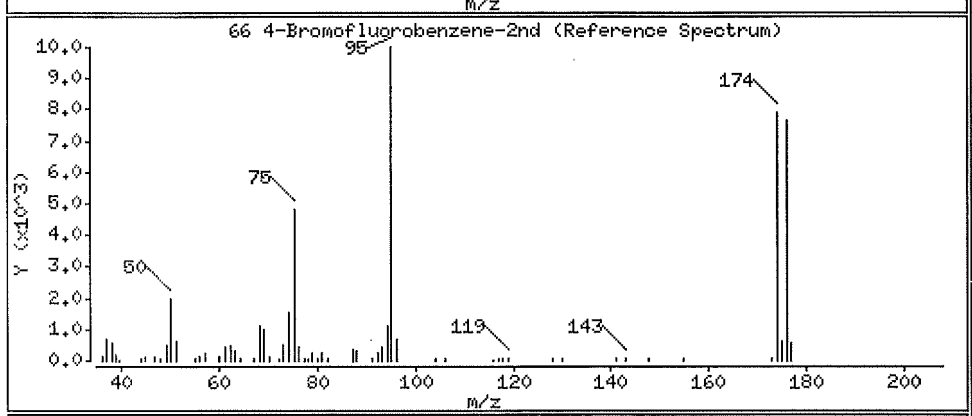
Column diameter: 0.53

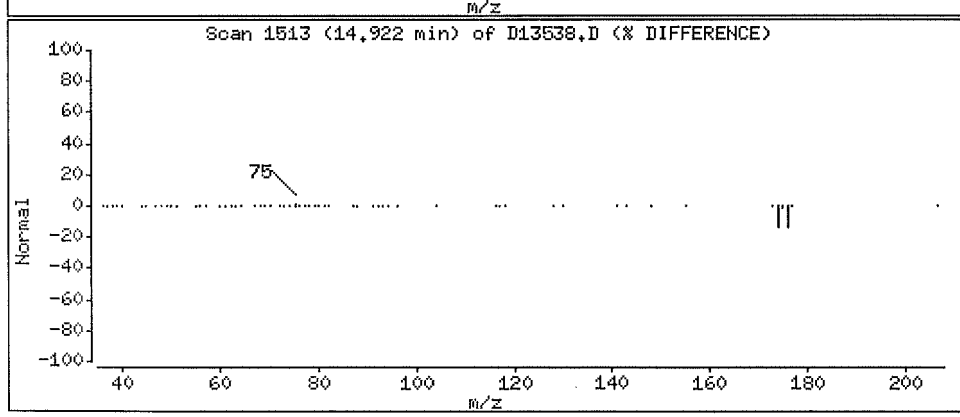
66 4-Bromofluorobenzene-2nd

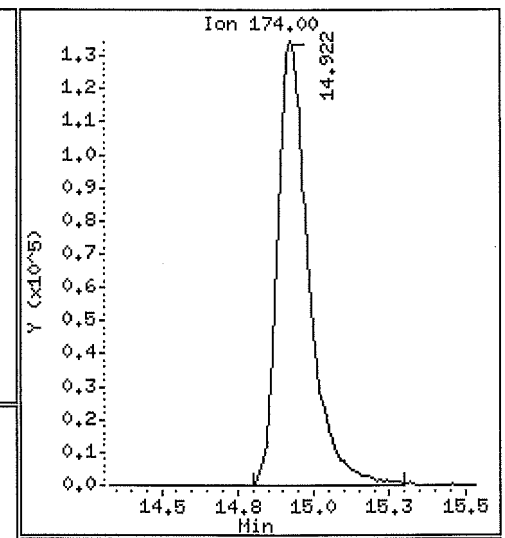
Concentration: 46.49 ug/Kg

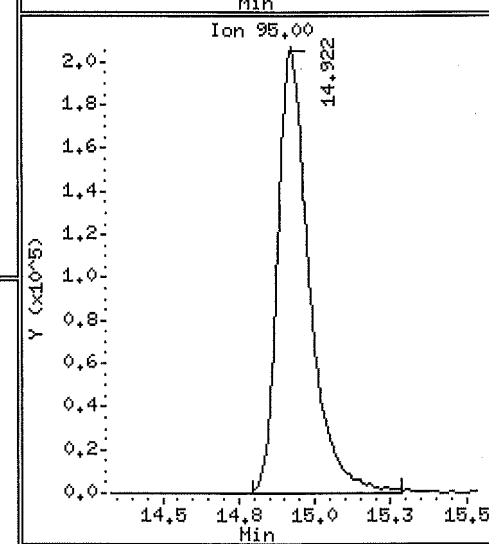


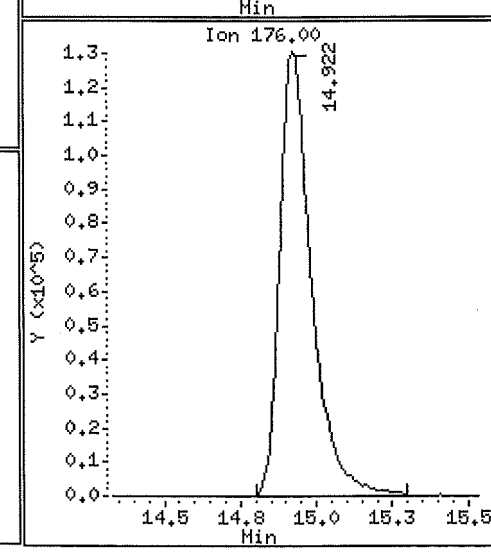












Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13538.D

Date : 29-OCT-2000 14:23

Client ID: D13538

Instrument: md.i

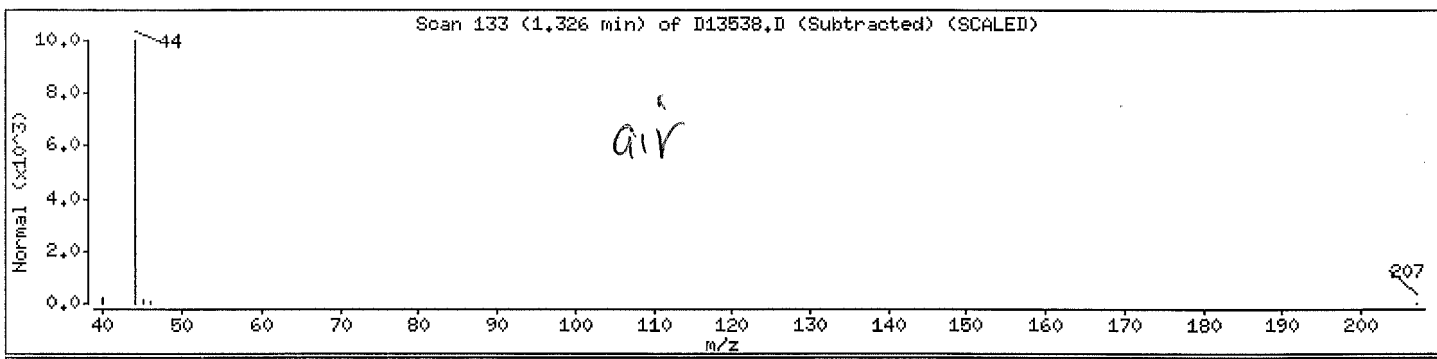
Sample Info: DNCFG1AC,,2,,0,1,0,8260BDA.M,D13538

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\1029AD.B\D13539.D
Lab Smp Id: DNCFL1A1 Client Smp ID: D13539
Inj Date : 29-OCT-2000 14:55
Operator : GFB Inst ID: md.i
Smp Info : DNCFL1A1,,2,,0,1,0,8260BDA.M,D13539
Misc Info : 165-4,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m
Meth Date : 29-Oct-2000 11:12 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)
$ 29 Dibromofluoromethane	111	5.973	5.976	(0.843)	1372032	50.6970	50.70
$ 33 1,2-Dichloroethane-d4	65	6.515	6.508	(0.919)	879437	44.5706	44.57
34 1,2-Dichloroethane-d4 2nd	102	6.515	6.508	(0.919)	210953	49.4357	49.44
36 1,2-Dichloroethane	62	7.066	6.636	(0.997)	37626	1.71706	1.72(aQ)
* 38 Fluorobenzene	96	7.086	7.079	(1.000)	2289109	50.0000	
$ 47 Toluene-d8	98	9.904	9.907	(0.786)	2203638	49.1643	49.16
* 56 Chlorobenzene-d5	117	12.593	12.597	(1.000)	1895936	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.918	14.932	(0.866)	1074975	47.0595	47.06
$ 67 4-Bromofluorobenzene	95	14.928	14.932	(0.866)	1659236	43.8049	43.80
* 79 1,4-Dichlorobenzene-d4	152	17.234	17.237	(1.000)	1212594	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\1029AD.B\D13539.D
Lab Smp Id: DNCFL1A1 Client Smp ID: D13539
Inj Date : 29-OCT-2000 14:55
Operator : GFB Inst ID: md.i
Smp Info : DNCFL1A1,,2,,0,1,0,8260BDA.M,D13539
Misc Info : 165-4,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m
Meth Date : 29-Oct-2000 11:12 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
* 38 Fluorobenzene	7.086	5376867	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	1451882	13.5011877	13.50	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCFL1A1
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13539
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	13.50	J

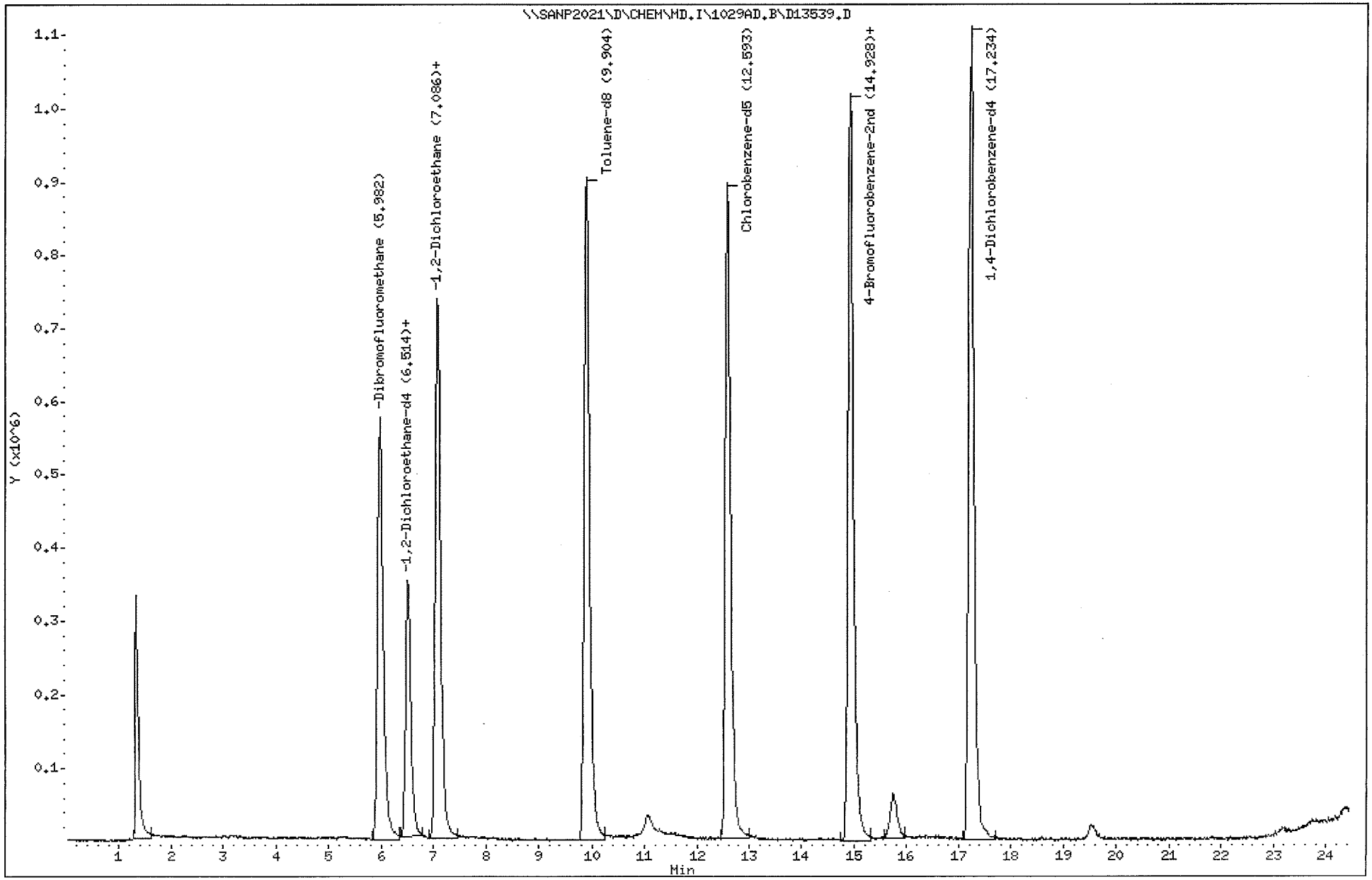
Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13539.D
Date : 29-OCT-2000 14:55
Client ID: D13539
Sample Info: DNCFL1A1,,2,,0,1,0,8260BDA.M,D13539

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000494

BOE-C6-0173987

Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13539.D

Date : 29-OCT-2000 14:55

Client ID: D13539

Instrument: md.i

Sample Info: DNCFL1A1,,2,,0,1,0,8260BDA.M,D13539

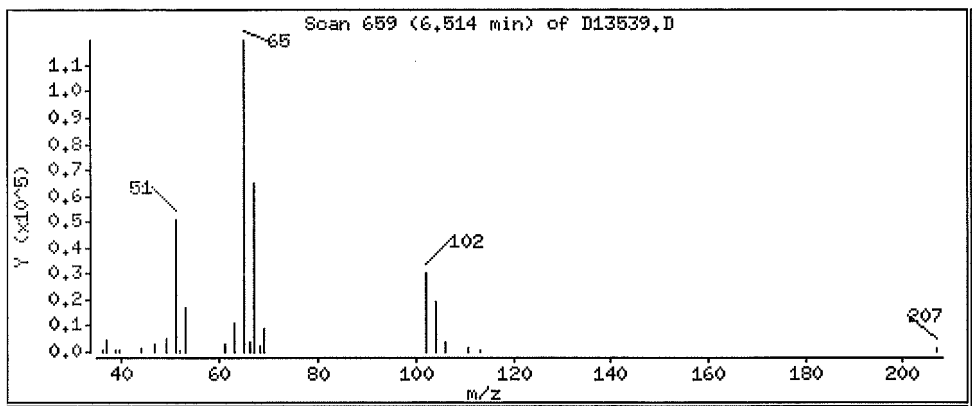
Operator: GFB

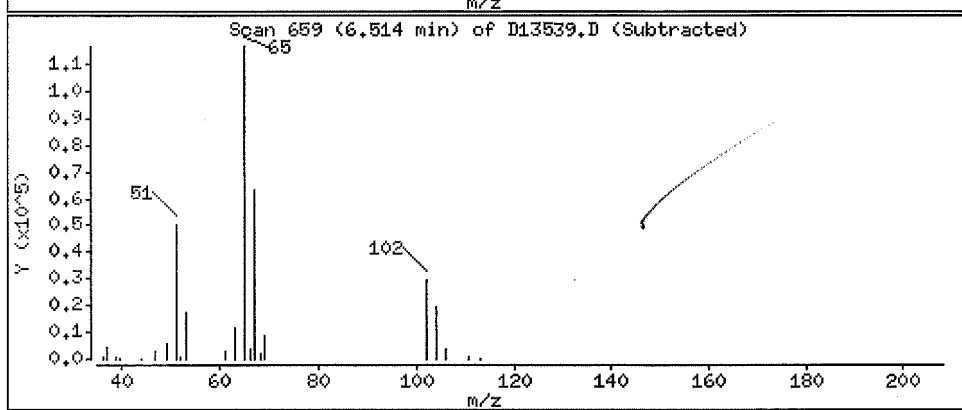
Column phase: J&W DB-624

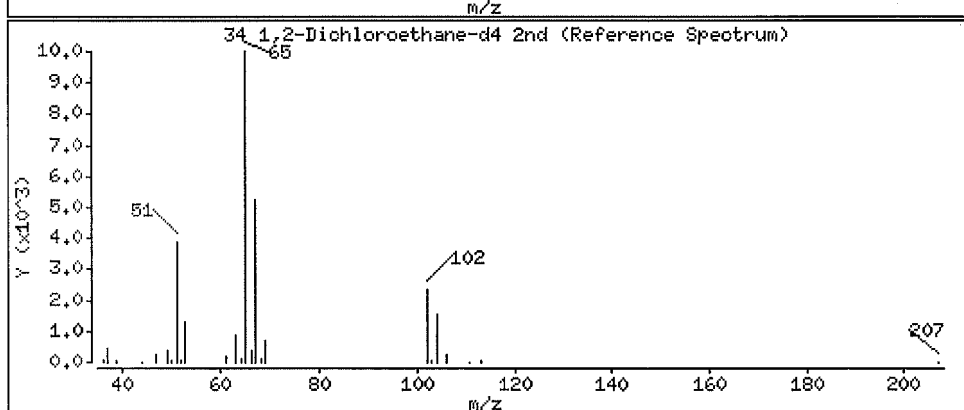
Column diameter: 0.53

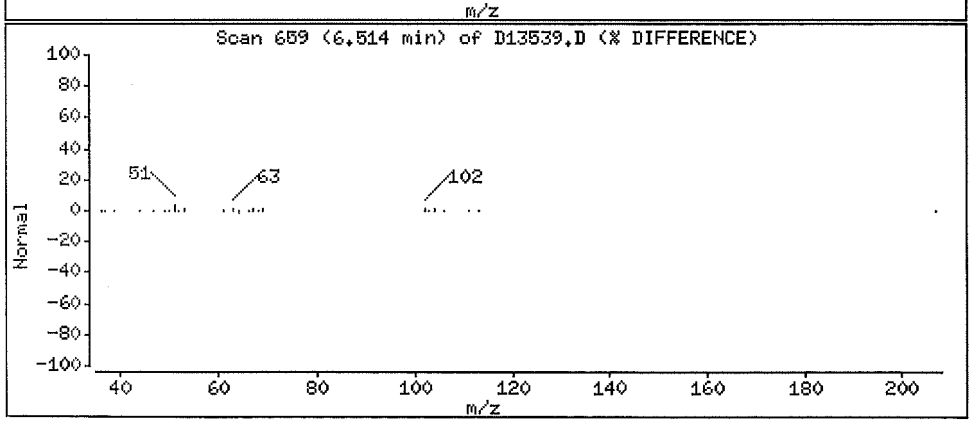
34 1,2-Dichloroethane-d4 2nd

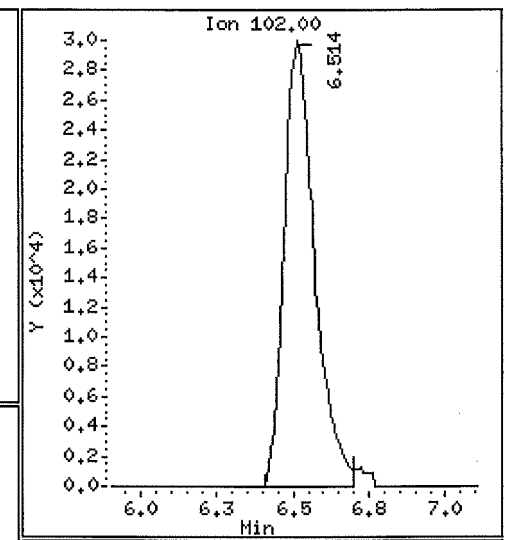
Concentration: 49.44 ug/Kg

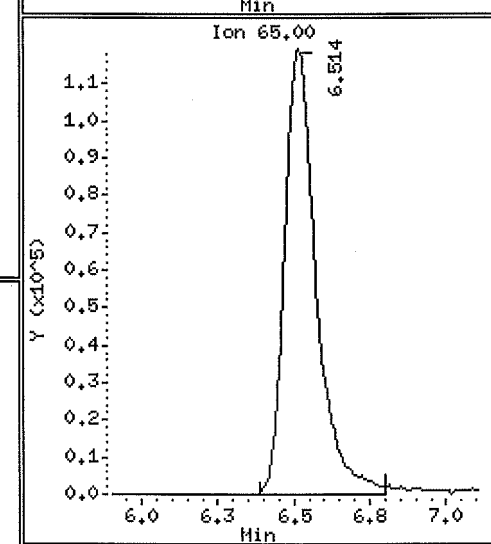












Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13539.D

Date : 29-OCT-2000 14:55

Client ID: D13539

Instrument: md.i

Sample Info: DNCFL1A1,,2,,0,1,0,8260BDA.M,D13539

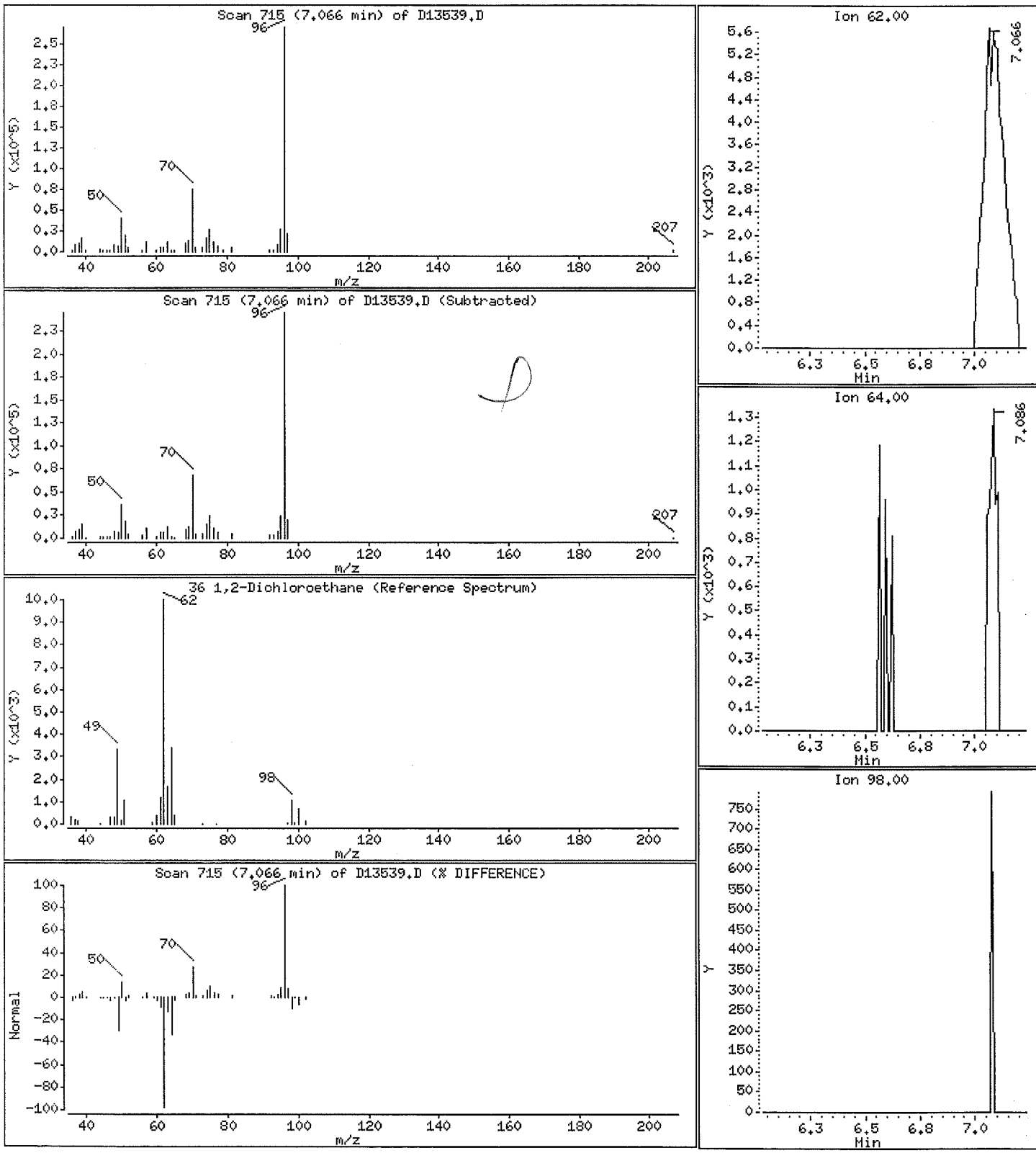
Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

36 1,2-Dichloroethane

Concentration: 1.72 ug/Kg



Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13539.D

Date : 29-OCT-2000 14:55

Client ID: D13539

Instrument: md.i

Sample Info: DNCFL1A1,,2,,0,1,0,8260BDA.M,D13539

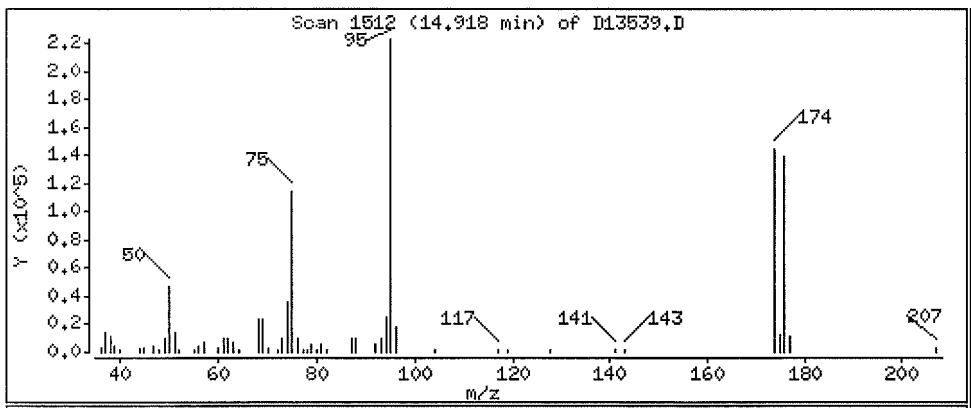
Operator: GFB

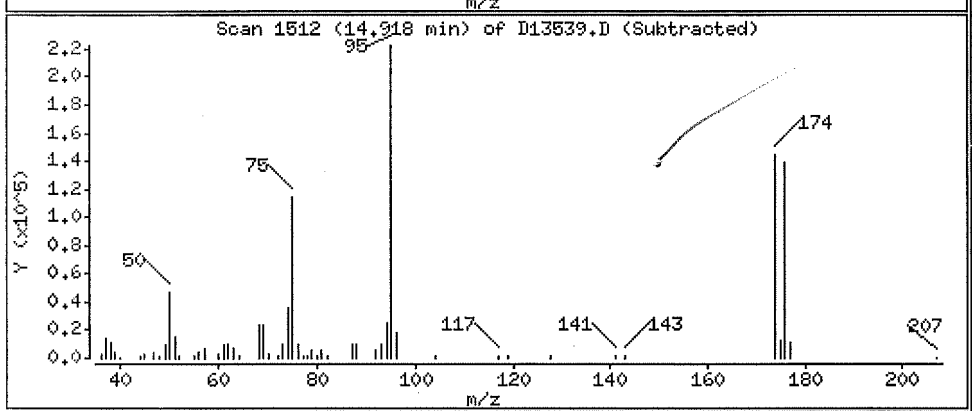
Column phase: J&W DB-624

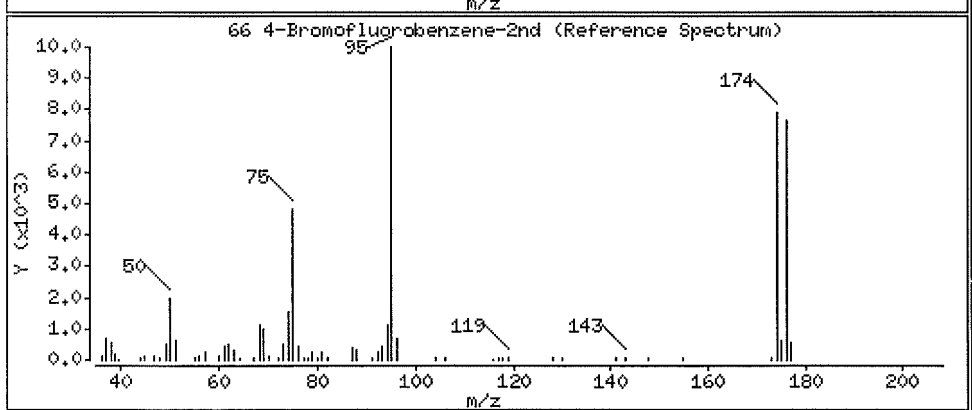
Column diameter: 0.53

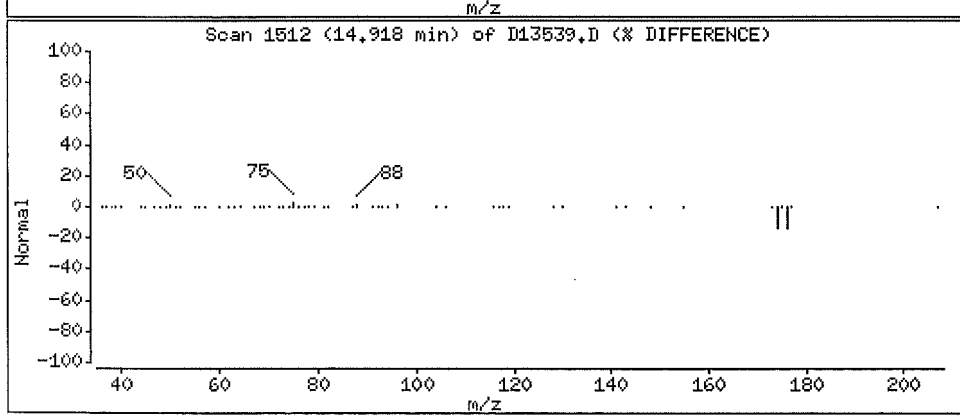
66 4-Bromofluorobenzene-2nd

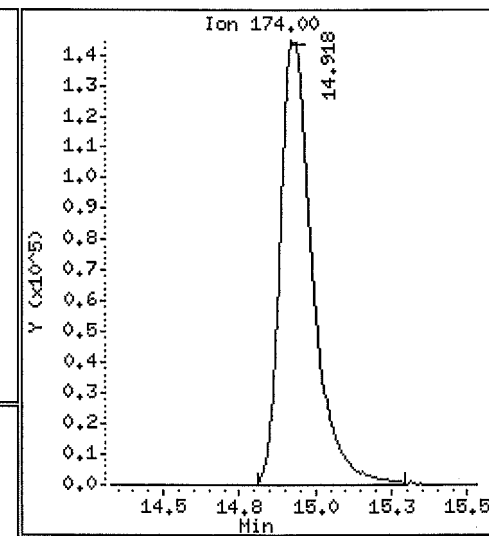
Concentration: 47.06 ug/Kg

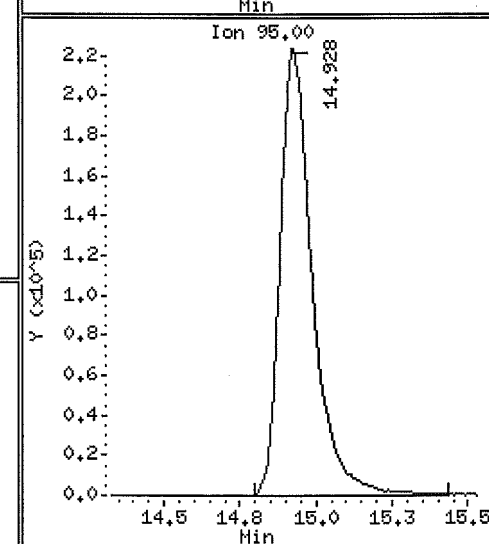


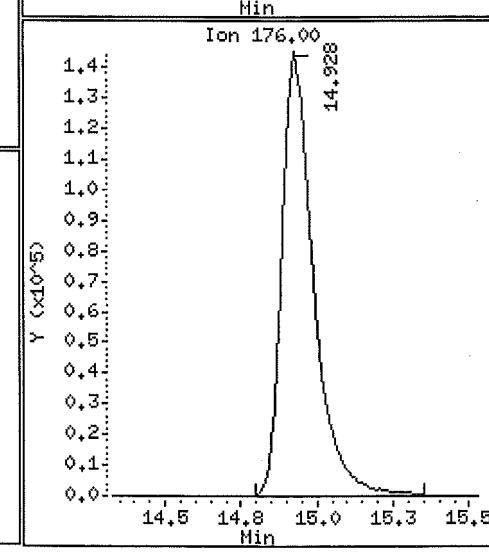












Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13539.D

Date : 29-OCT-2000 14:55

Client ID: D13539

Instrument: md.i

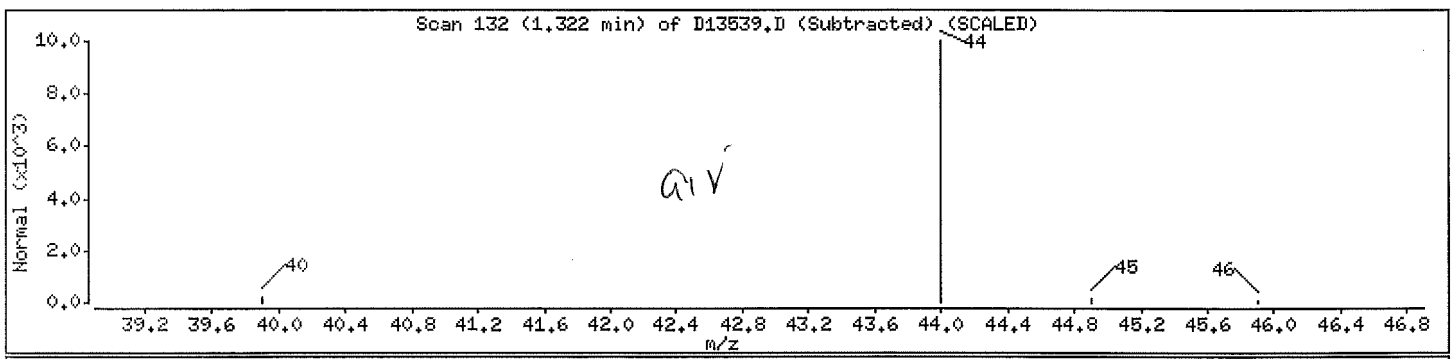
Sample Info: DNCFL1A1,,2,,0,1,0,8260BDA.M,D13539

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\1029AD.B\D13540.D
Lab Smp Id: DNCFR1AE Client Smp ID: D13540
Inj Date : 29-OCT-2000 15:26
Operator : GFB Inst ID: md.i
Smp Info : DNCFR1AE,,2,,0,1,0,8260BDA.M,D13540
Misc Info : 165-5,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m
Meth Date : 29-Oct-2000 11:12 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)
$ 29 Dibromofluoromethane	111	5.972	5.976	(0.843)	1271644	48.8613	48.86
$ 33 1,2-Dichloroethane-d4	65	6.514	6.508	(0.919)	783121	41.2718	41.27
34 1,2-Dichloroethane-d4 2nd	102	6.514	6.508	(0.919)	191217	46.5977	46.60
36 1,2-Dichloroethane	62	7.085	6.636	(1.000)	34004	1.61362	1.61(aQ)
* 38 Fluorobenzene	96	7.085	7.079	(1.000)	2201330	50.0000	
$ 47 Toluene-d8	98	9.893	9.907	(0.786)	2106669	49.4712	49.47
* 56 Chlorobenzene-d5	117	12.583	12.597	(1.000)	1801265	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.928	14.932	(0.867)	980863	45.7899	45.79
$ 67 4-Bromofluorobenzene	95	14.928	14.932	(0.867)	1518353	42.7464	42.75
* 79 1,4-Dichlorobenzene-d4	152	17.223	17.237	(1.000)	1137113	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\1029AD.B\D13540.D
Lab Smp Id: DNCFR1AE Client Smp ID: D13540
Inj Date : 29-OCT-2000 15:26
Operator : GFB Inst ID: md.i
Smp Info : DNCFR1AE,,2,,0,1,0,8260BDA.M,D13540
Misc Info : 165-5,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m
Meth Date : 29-Oct-2000 11:12 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	7.085	5165441	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	1298201	12.5662107	12.57	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCFR1AE
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13540
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 alv	1.322	12.57	J

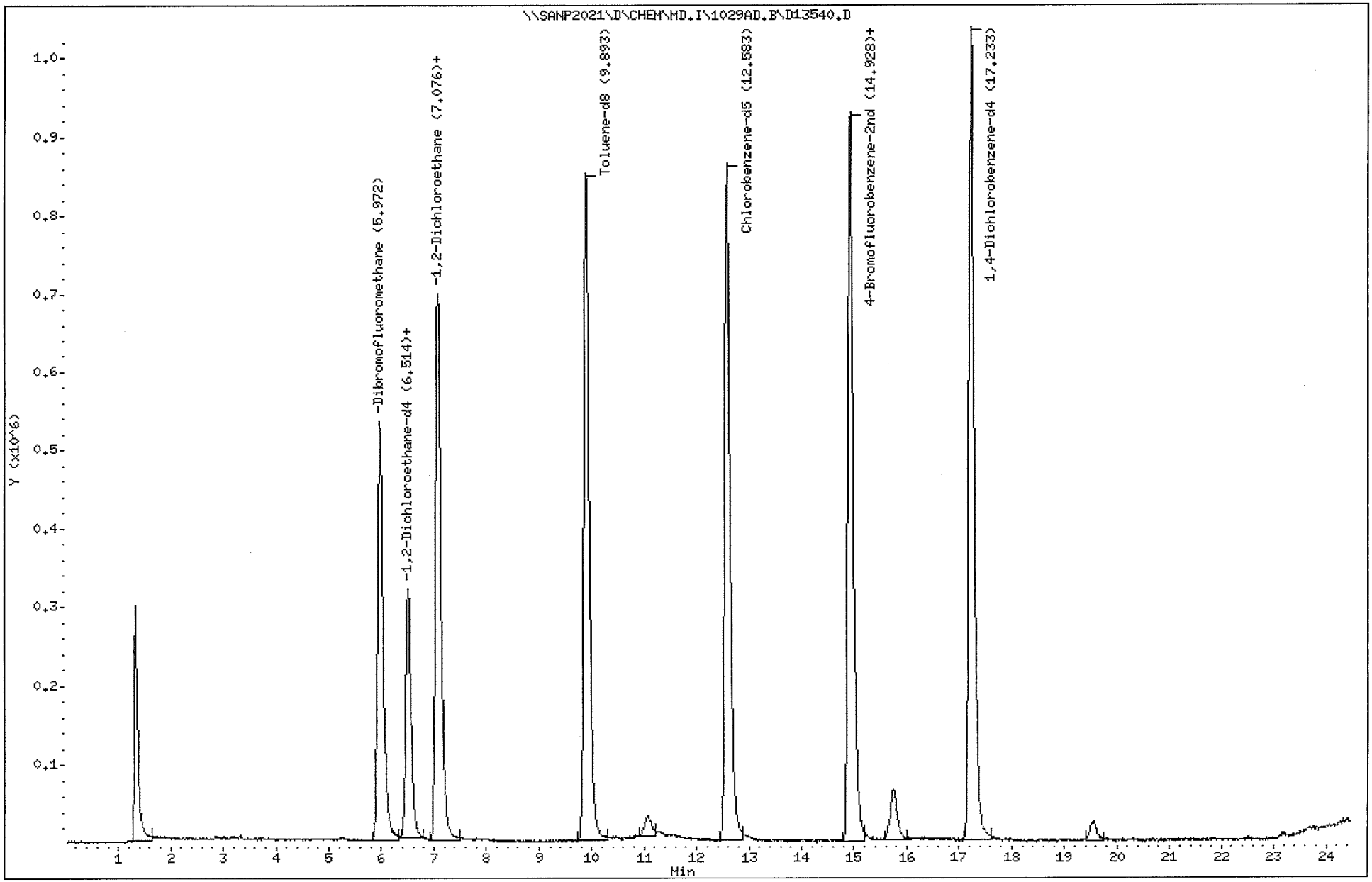
Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13540.D
Date : 29-OCT-2000 15:26
Client ID: D13540
Sample Info: DNCFR1AE,,2,,0,1,0,8260BDA.M,D13540

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0173996

Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13540.D

Date : 29-OCT-2000 15:26

Client ID: D13540

Instrument: md.i

Sample Info: DNCFR1AE,,2,,0,1,0,8260BDA.M,D13540

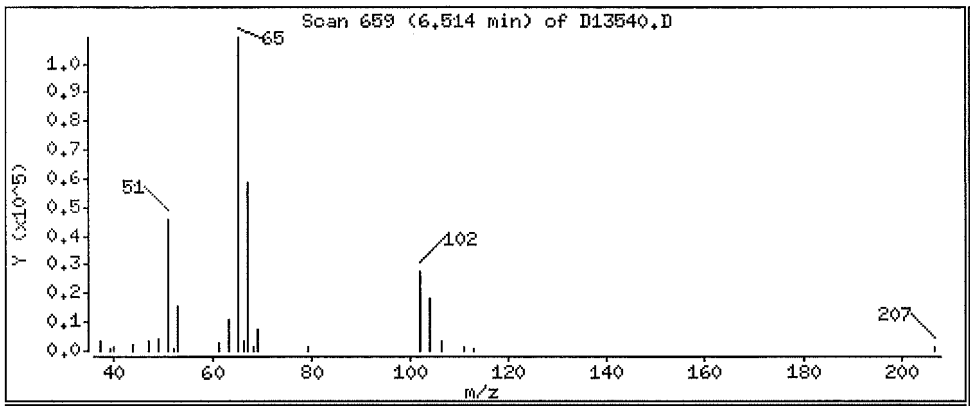
Operator: GFB

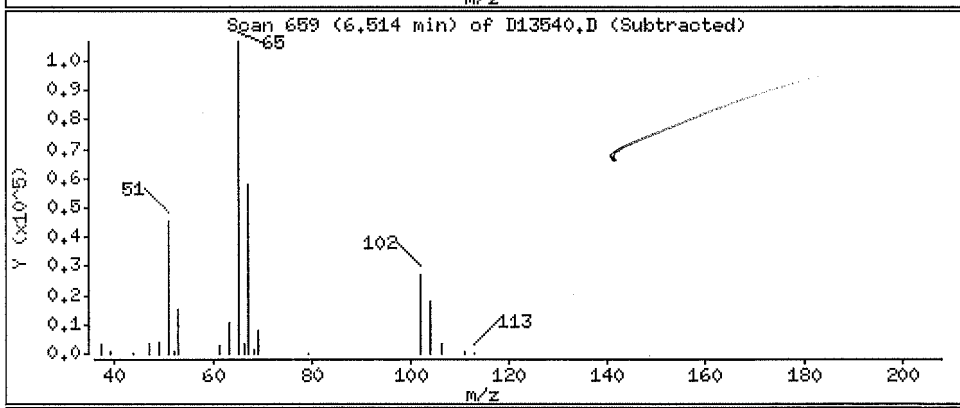
Column phase: J&W DB-624

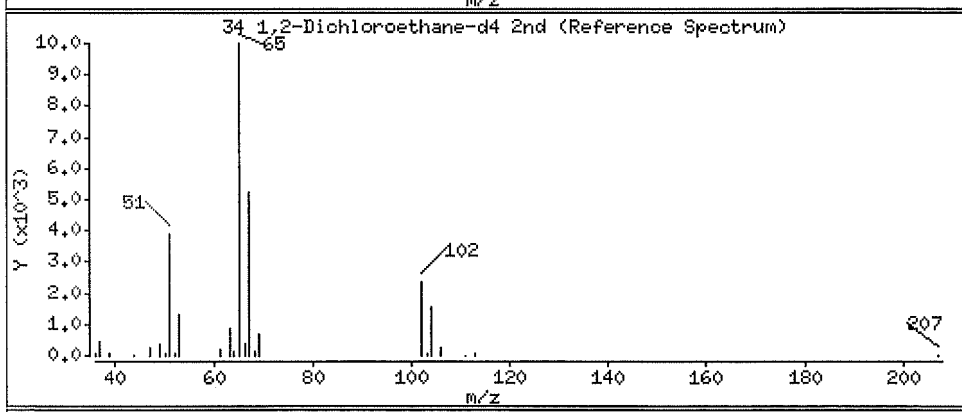
Column diameter: 0.53

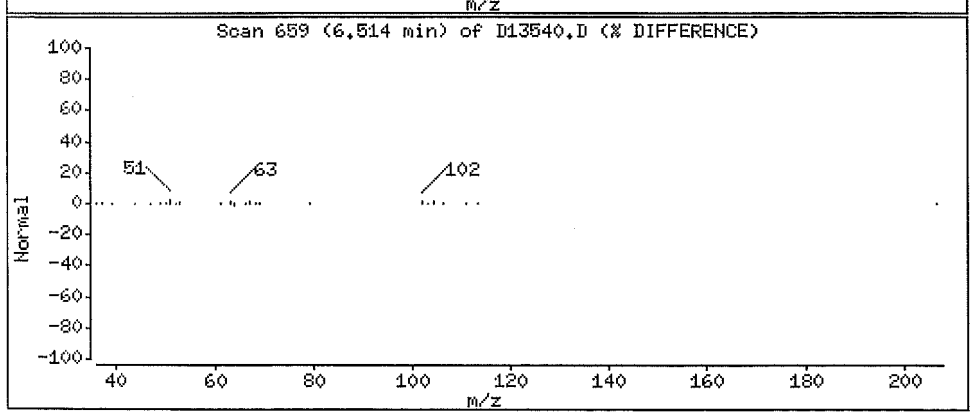
34 1,2-Dichloroethane-d4 2nd

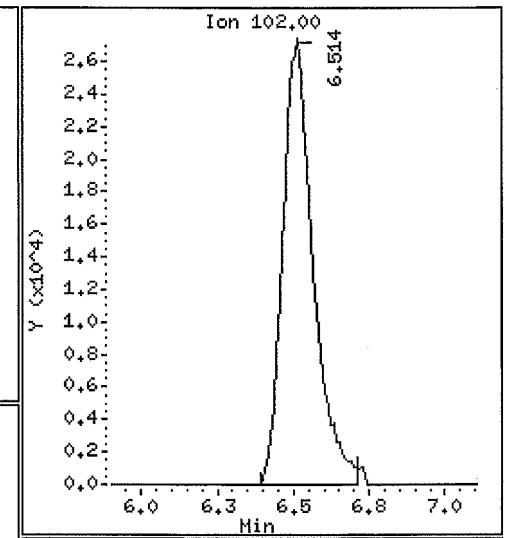
Concentration: 46.60 ug/Kg

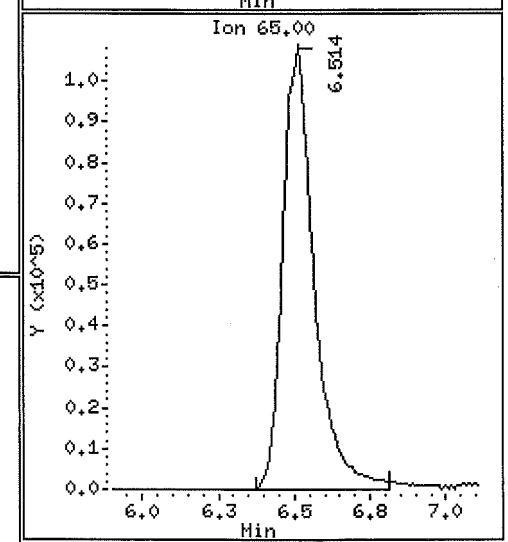












Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13540.D

Date : 29-OCT-2000 15:26

Client ID: D13540

Instrument: md.i

Sample Info: DNCFR1AE,,2,,0,1,0,8260BDA.M,D13540

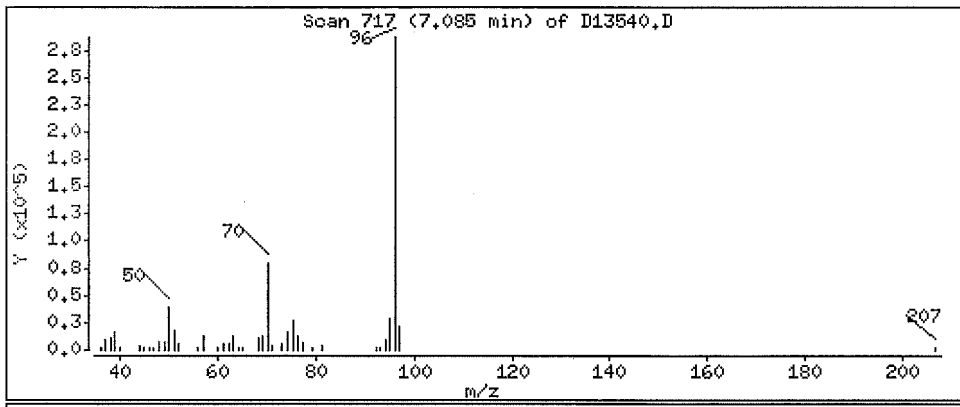
Operator: GFB

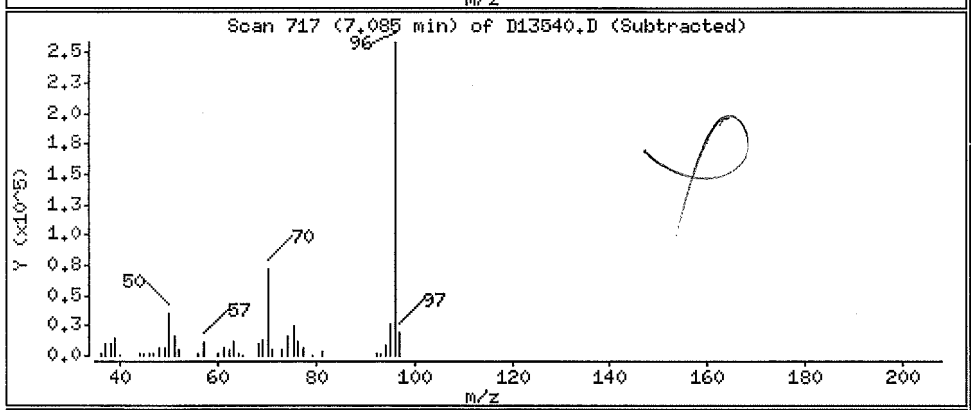
Column phase: J&W DB-624

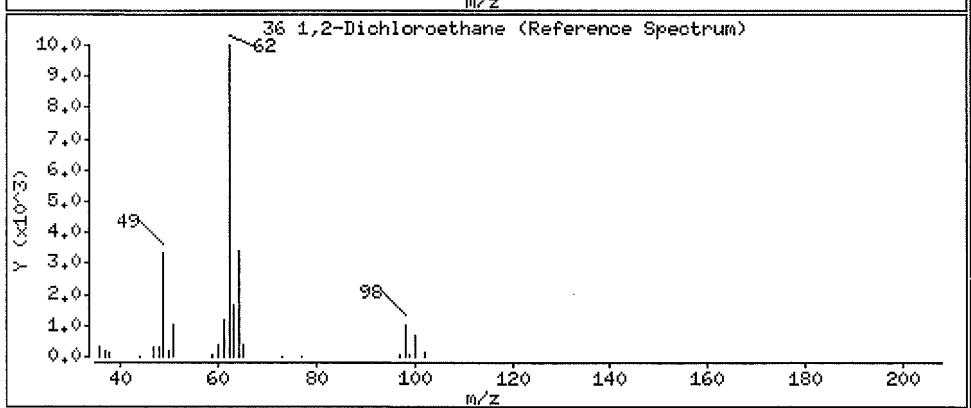
Column diameter: 0.53

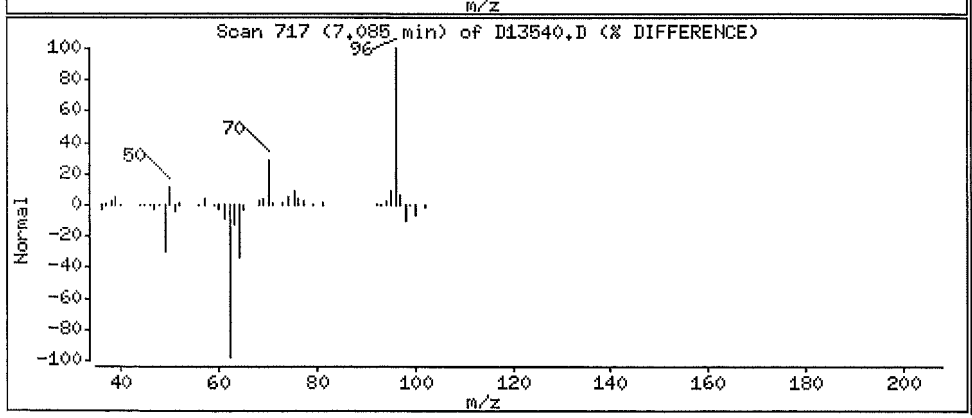
36 1,2-Dichloroethane

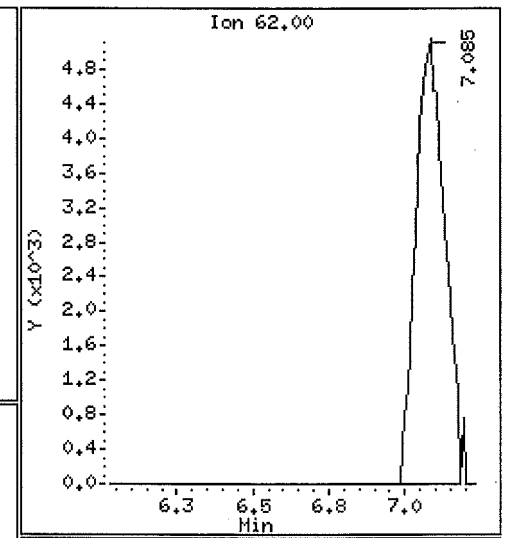
Concentration: 1.61 ug/Kg

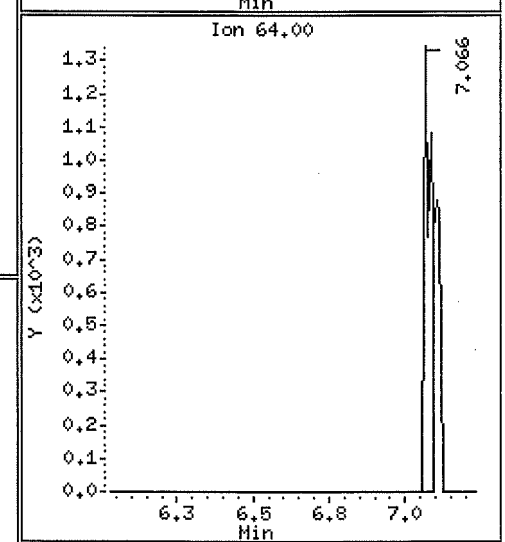


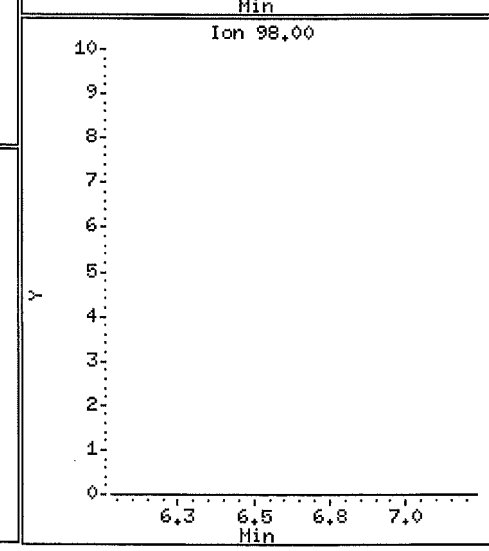












Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13540.D

Date : 29-OCT-2000 15:26

Client ID: D13540

Instrument: md.i

Sample Info: DNCFR1AE,,2,,0,1,0,8260BDA.M,D13540

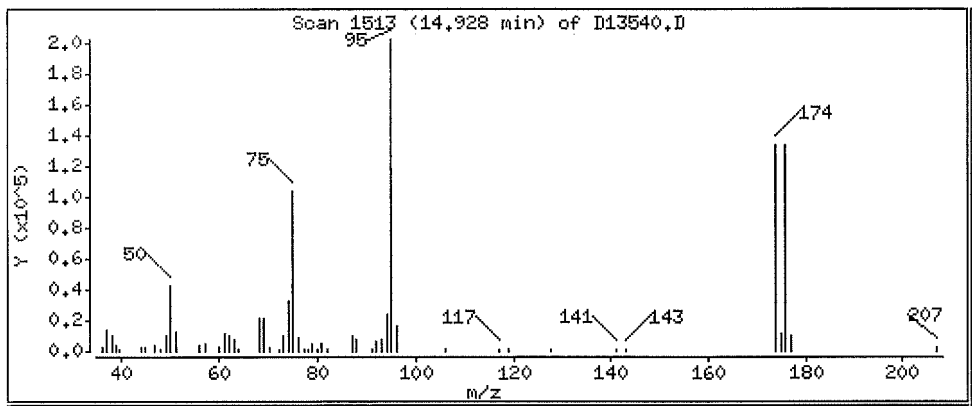
Operator: GFB

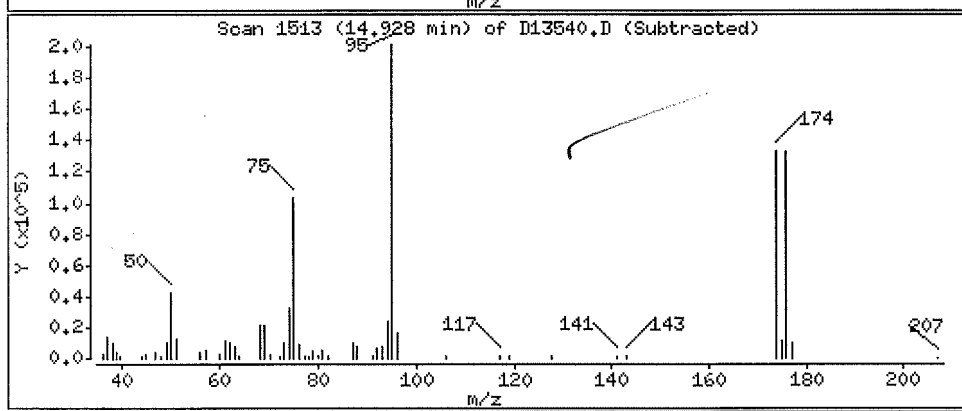
Column phase: J&W DB-624

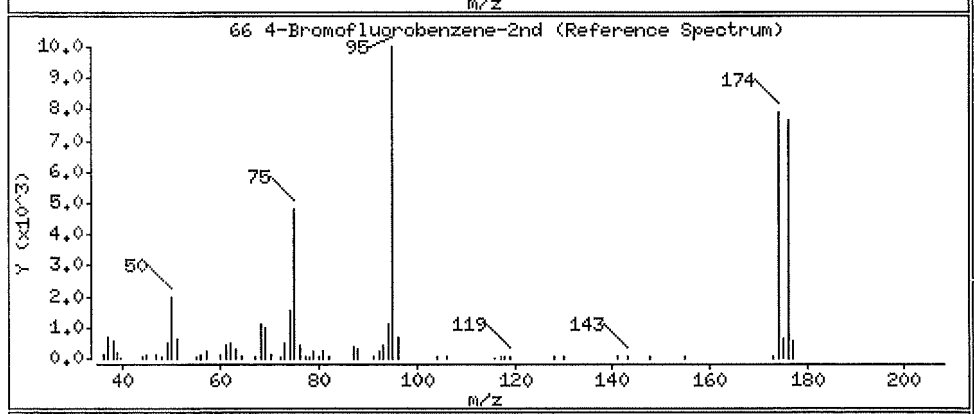
Column diameter: 0.53

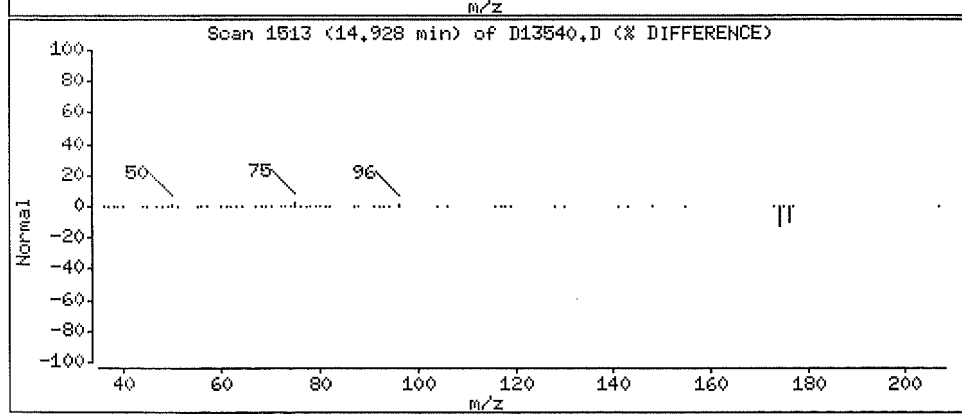
66 4-Bromofluorobenzene-2nd

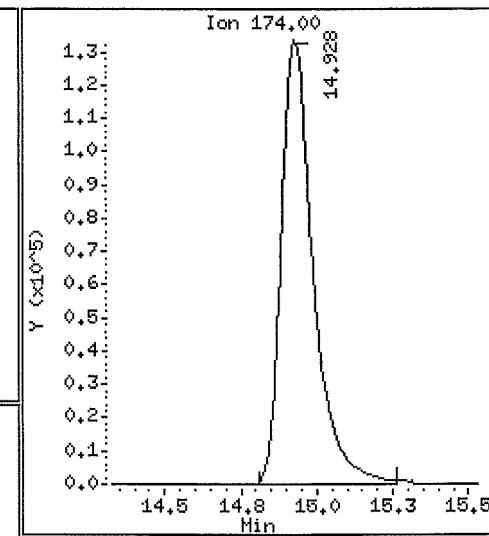
Concentration: 45.79 ug/Kg

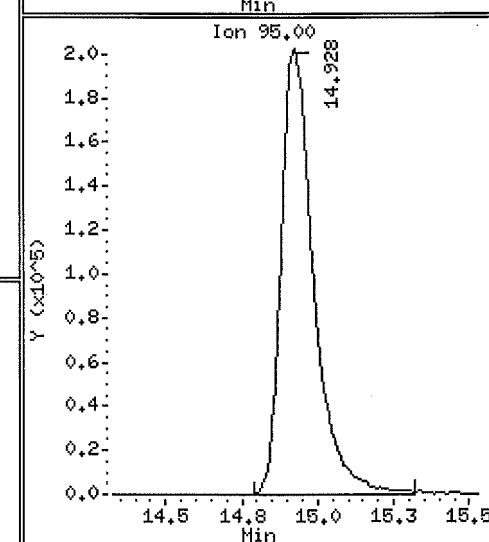


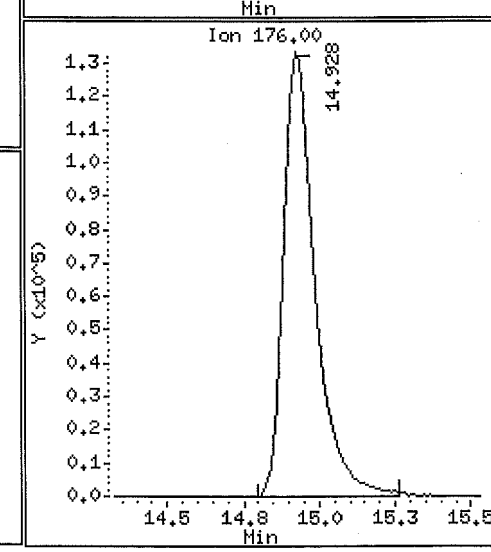












Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13540.D

Date : 29-OCT-2000 15:26

Client ID: D13540

Instrument: md.i

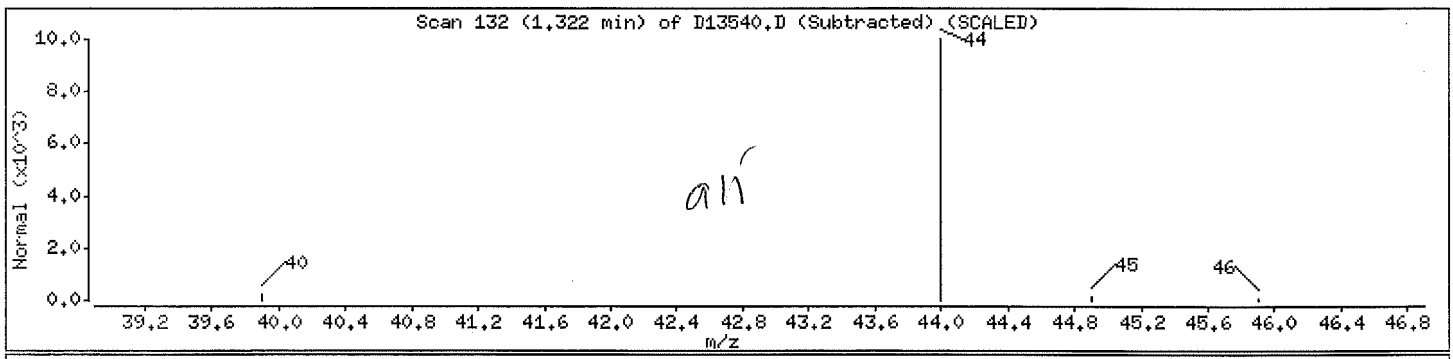
Sample Info: DNCFR1AE,,2,,0,1,0,8260BDA.M,D13540

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



all

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1029AD.B\D13543.D
Lab Smp Id: DNCFW1AE Client Smp ID: D13543
Inj Date : 29-OCT-2000 16:59
Operator : GFB Inst ID: md.i
Smp Info : DNCFW1AE,,2,,0,1,0,8260BDA.M,D13543
Misc Info : 165-6,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\chem\md.i\1029AD.B\8260BDA.M
Meth Date : 29-Oct-2000 11:12 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	5.967	5.976	(0.844)	1366216	51.0674	51.07
$ 33 1,2-Dichloroethane-d4	65	6.499	6.508	(0.919)	873374	44.7764	44.78
34 1,2-Dichloroethane-d4 2nd	102	6.499	6.508	(0.919)	213362	50.5800	50.58
36 1,2-Dichloroethane	62	7.090	6.636	(1.003)	36692	1.69381	1.69(aQ)
* 38 Fluorobenzene	96	7.071	7.079	(1.000)	2262874	50.0000	
$ 47 Toluene-d8	98	9.898	9.907	(0.787)	2202932	48.8782	48.88
* 56 Chlorobenzene-d5	117	12.578	12.597	(1.000)	1906423	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.933	14.932	(0.866)	1072742	46.6984	46.70
$ 67 4-Bromofluorobenzene	95	14.923	14.932	(0.866)	1668350	43.7985	43.80
* 79 1,4-Dichlorobenzene-d4	152	17.238	17.237	(1.000)	1219432	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.

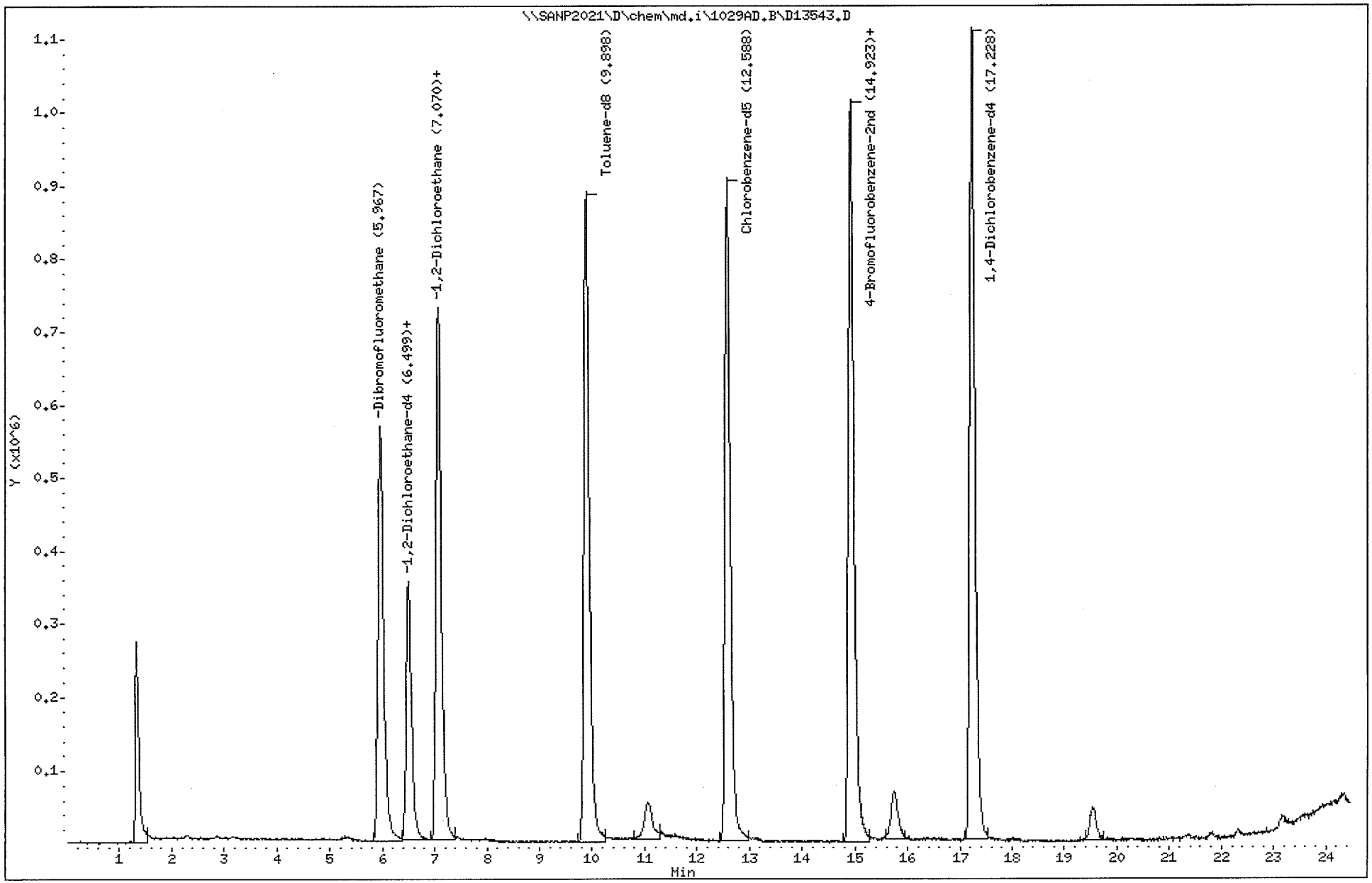
Data File: \\SANP2021\D\chem\md.i\1029AD.B\D13543.D
Date : 29-OCT-2000 16:59
Client ID: D13543
Sample Info: DNCFW1AE,,2,,0,1,0,8260BDA.M,D13543

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000510

BOE-C6-0174003

Data File: \\SANP2021\D\chem\md.i\1029AD.B\D13543.D

Date : 29-OCT-2000 16:59

Client ID: D13543

Instrument: md.i

Sample Info: DNCFW1AE,,2,,0,1,0,8260BDA,M,D13543

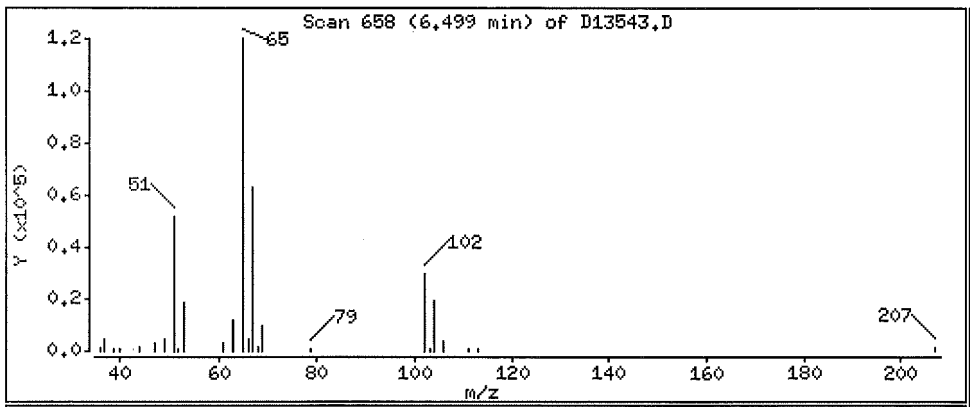
Operator: GFB

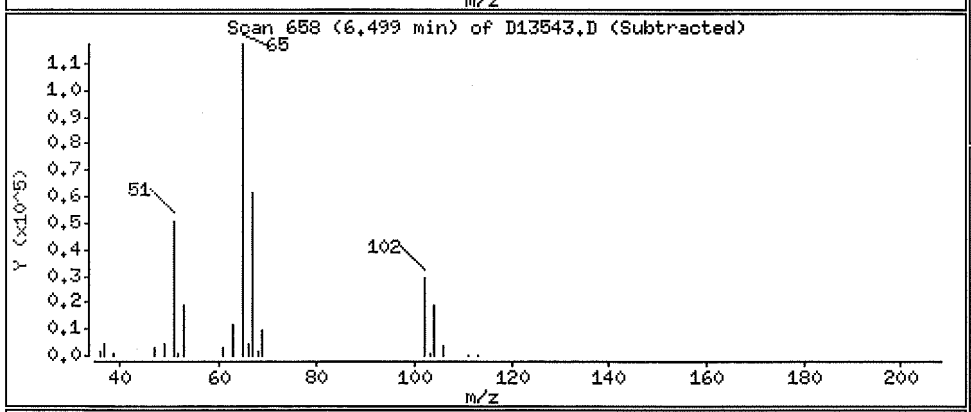
Column phase: J&W DB-624

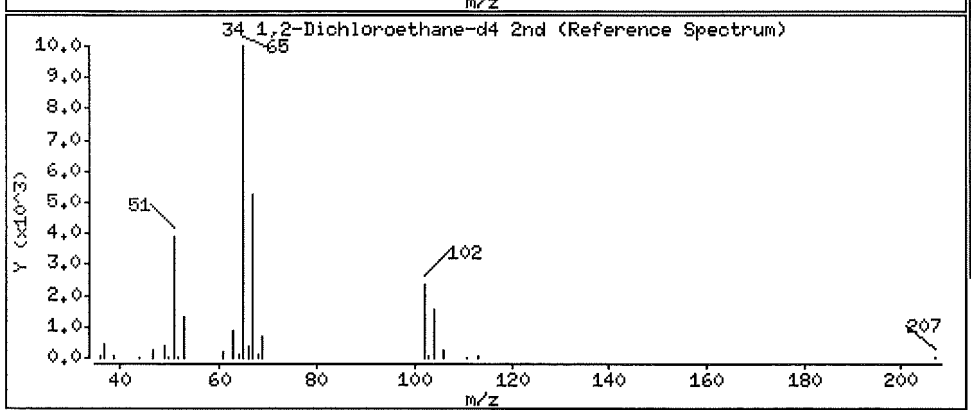
Column diameter: 0.53

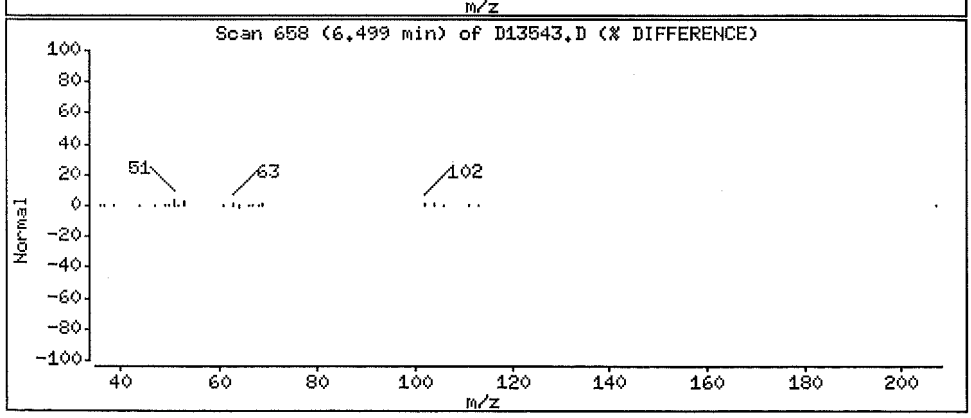
34 1,2-Dichloroethane-d4 2nd

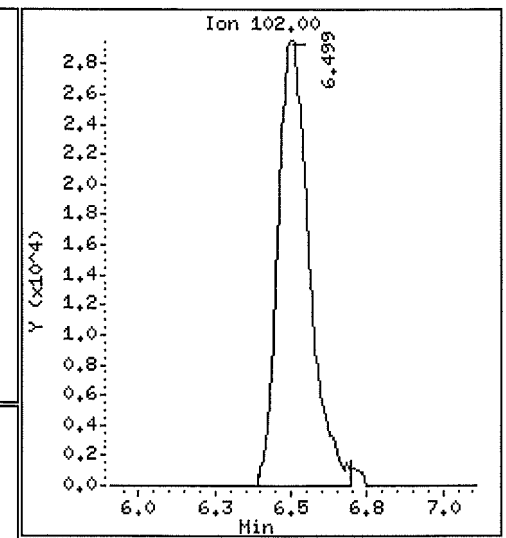
Concentration: 50.58 ug/Kg

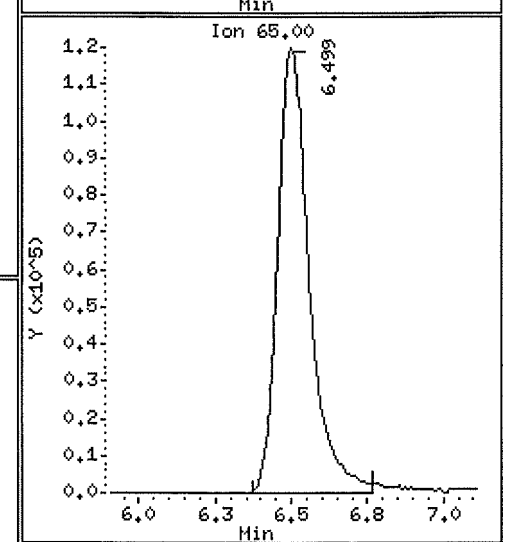












Data File: \\SANP2021\D\chem\md.i\1029AD.B\D13543.D

Date : 29-OCT-2000 16:59

Client ID: D13543

Instrument: md.i

Sample Info: DNCFW1AE,,2,,0,1,0,8260BDA.M,D13543

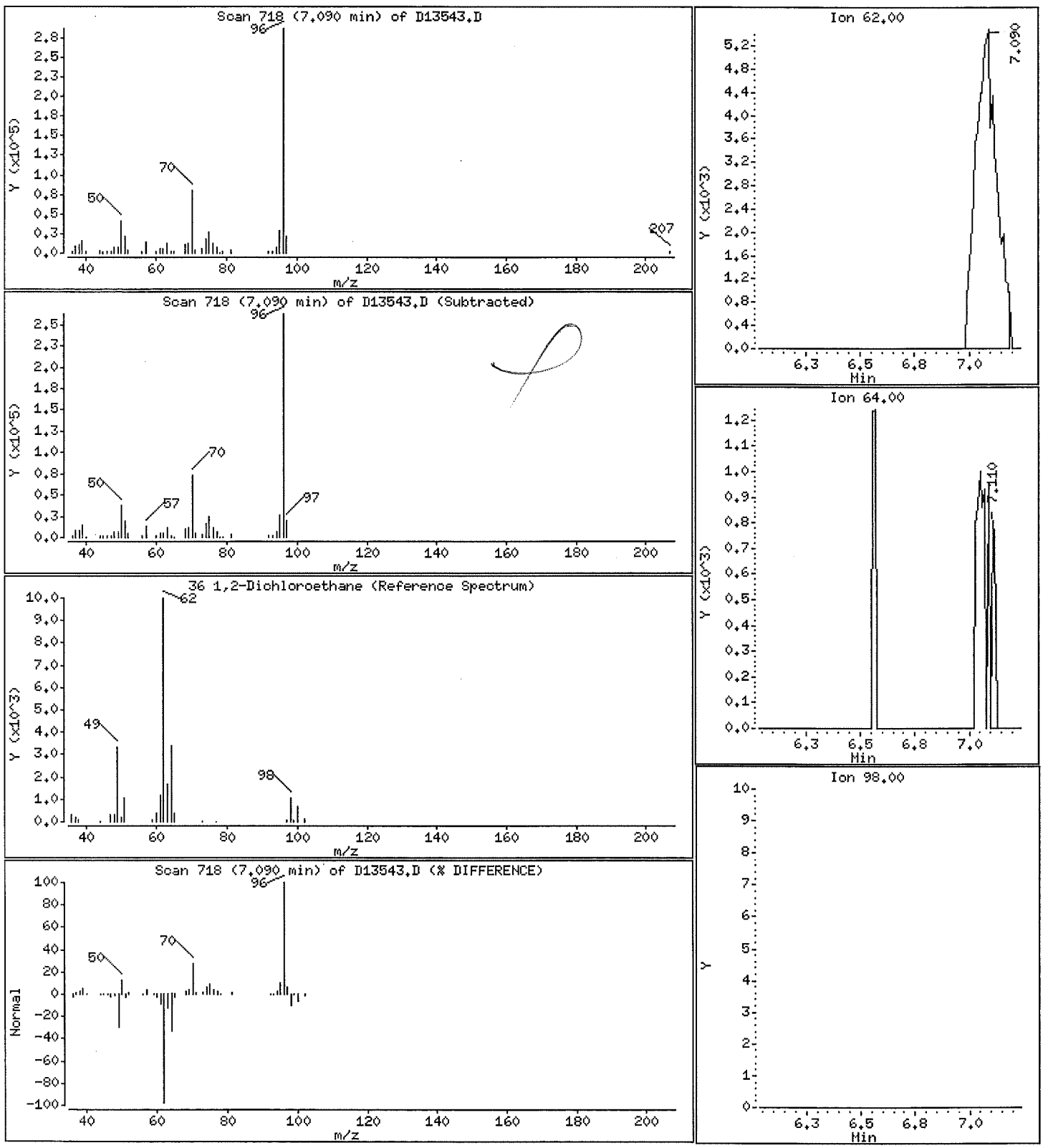
Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

36 1,2-Dichloroethane

Concentration: 1.69 ug/Kg



Data File: \\SANP2021\D\chem\md.i\1029AD.B\D13543.D

Date : 29-OCT-2000 16:59

Client ID: D13543

Instrument: md.i

Sample Info: DNCFW1AE,,2,,0,1,0,8260BDA.M,D13543

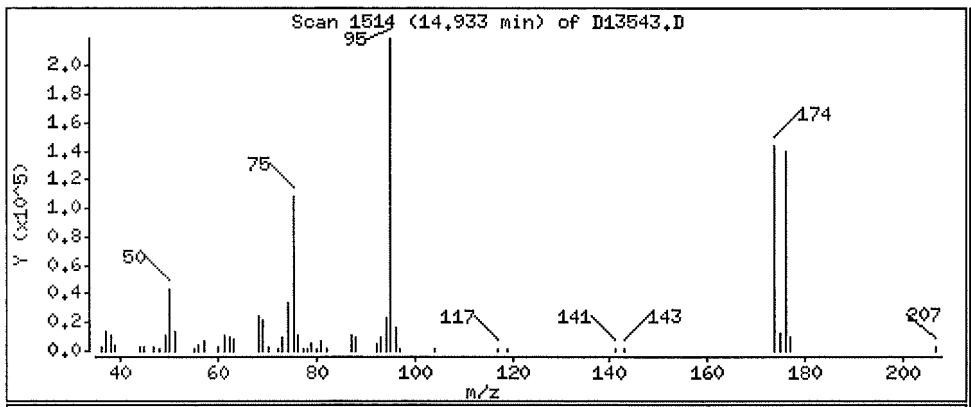
Operator: GFB

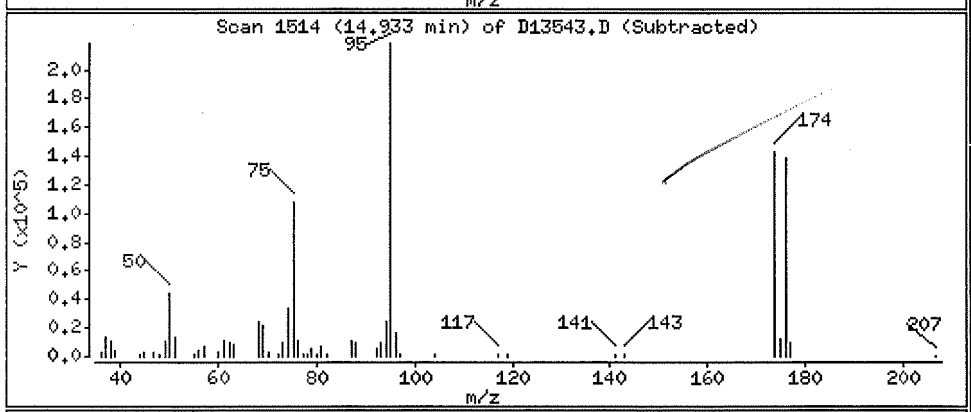
Column phase: J&W DB-624

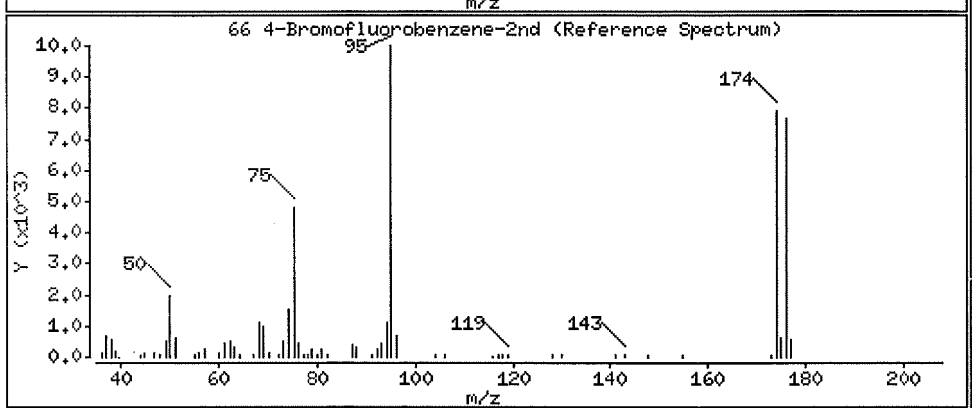
Column diameter: 0.53

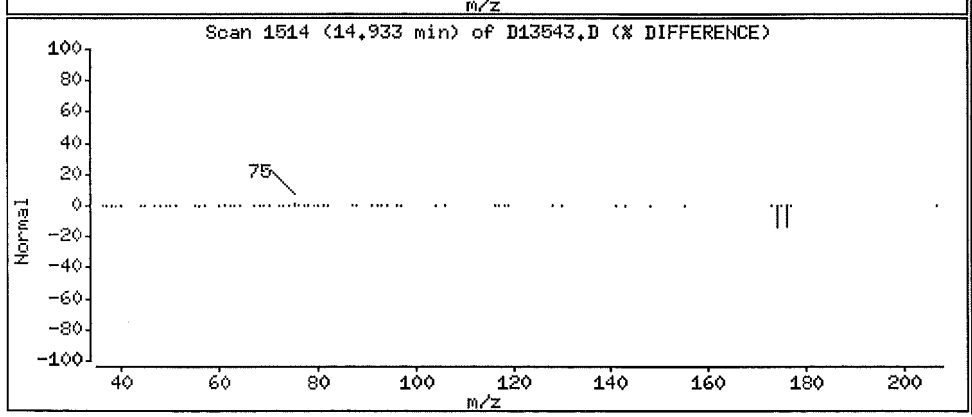
66 4-Bromofluorobenzene-2nd

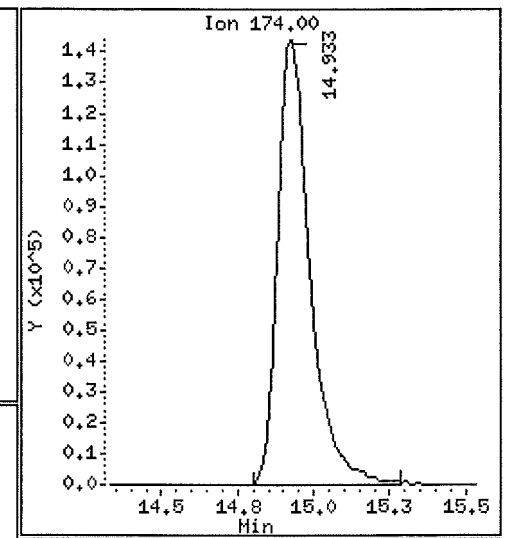
Concentration: 46.70 ug/Kg

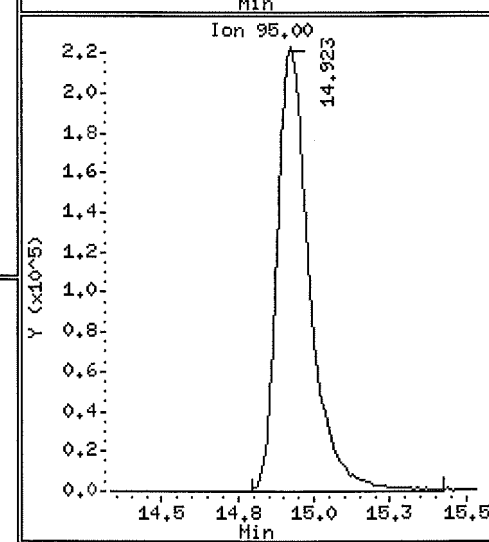


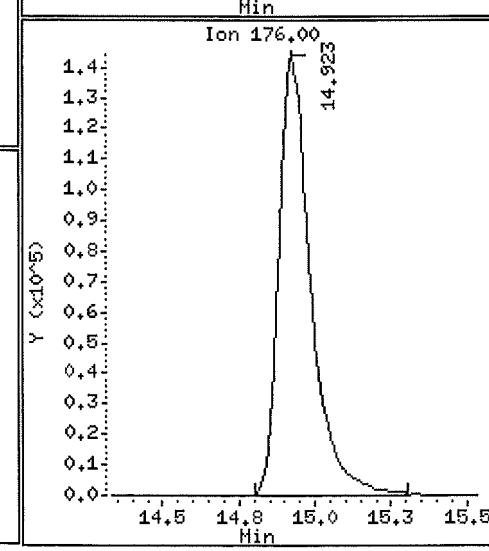












Data File: \\SANP2021\D\chem\md.i\1029AD.B\D13543.D

Date : 29-OCT-2000 16:59

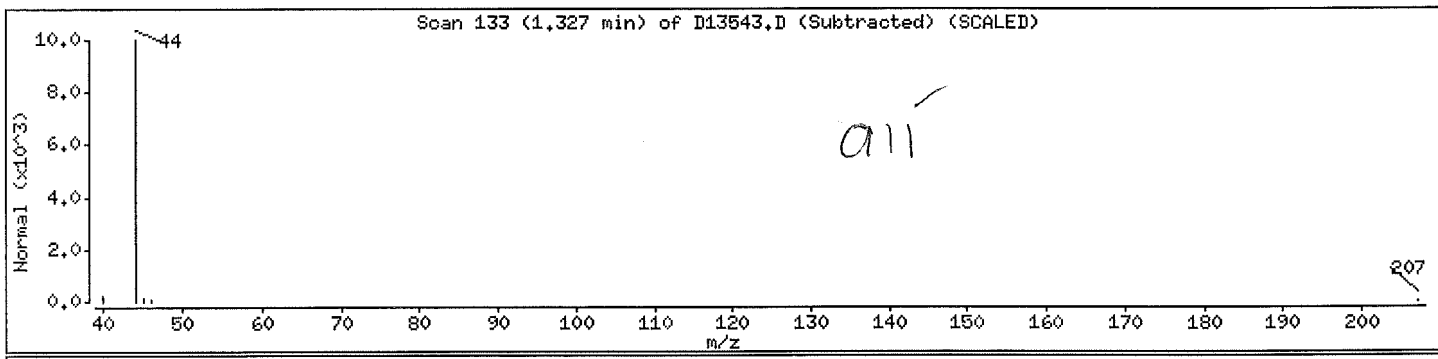
Client ID: D13543 Instrument: md.i

Sample Info: DNCFW1AE,,2,,0,1,0,8260BDA.M,D13543

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\1029AD.B\D13544.D
Lab Smp Id: DNCF11A1 Client Smp ID: D13544
Inj Date : 29-OCT-2000 17:30
Operator : GFB Inst ID: md.i
Smp Info : DNCF11A1,,2,,0,1,0,8260BDA.M,D13544
Misc Info : 165-7,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\chem\md.i\1029AD.B\8260BDA.M
Meth Date : 29-Oct-2000 11:12 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)
$ 29 Dibromofluoromethane	111	5.987	5.976	(0.844)	1326103	49.8332	49.83
$ 33 1,2-Dichloroethane-d4	65	6.519	6.508	(0.919)	833986	42.9858	42.98
34 1,2-Dichloroethane-d4 2nd	102	6.510	6.508	(0.918)	202798	48.3328	48.33
36 1,2-Dichloroethane	62	7.081	6.636	(0.999)	34158	1.58527	1.58(aQ)
* 38 Fluorobenzene	96	7.091	7.079	(1.000)	2250834	50.0000	
$ 47 Toluene-d8	98	9.909	9.907	(0.787)	2162664	48.8911	48.89
* 56 Chlorobenzene-d5	117	12.588	12.597	(1.000)	1871081	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.933	14.932	(0.866)	1036344	47.0950	47.09
$ 67 4-Bromofluorobenzene	95	14.933	14.932	(0.866)	1598774	43.8151	43.82
* 79 1,4-Dichlorobenzene-d4	152	17.239	17.237	(1.000)	1168137	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.

Data File: \\SANP2021\D\chem\md.i\1029AD.B\D13544.D

Date : 29-OCT-2000 17:30

Client ID: D13544

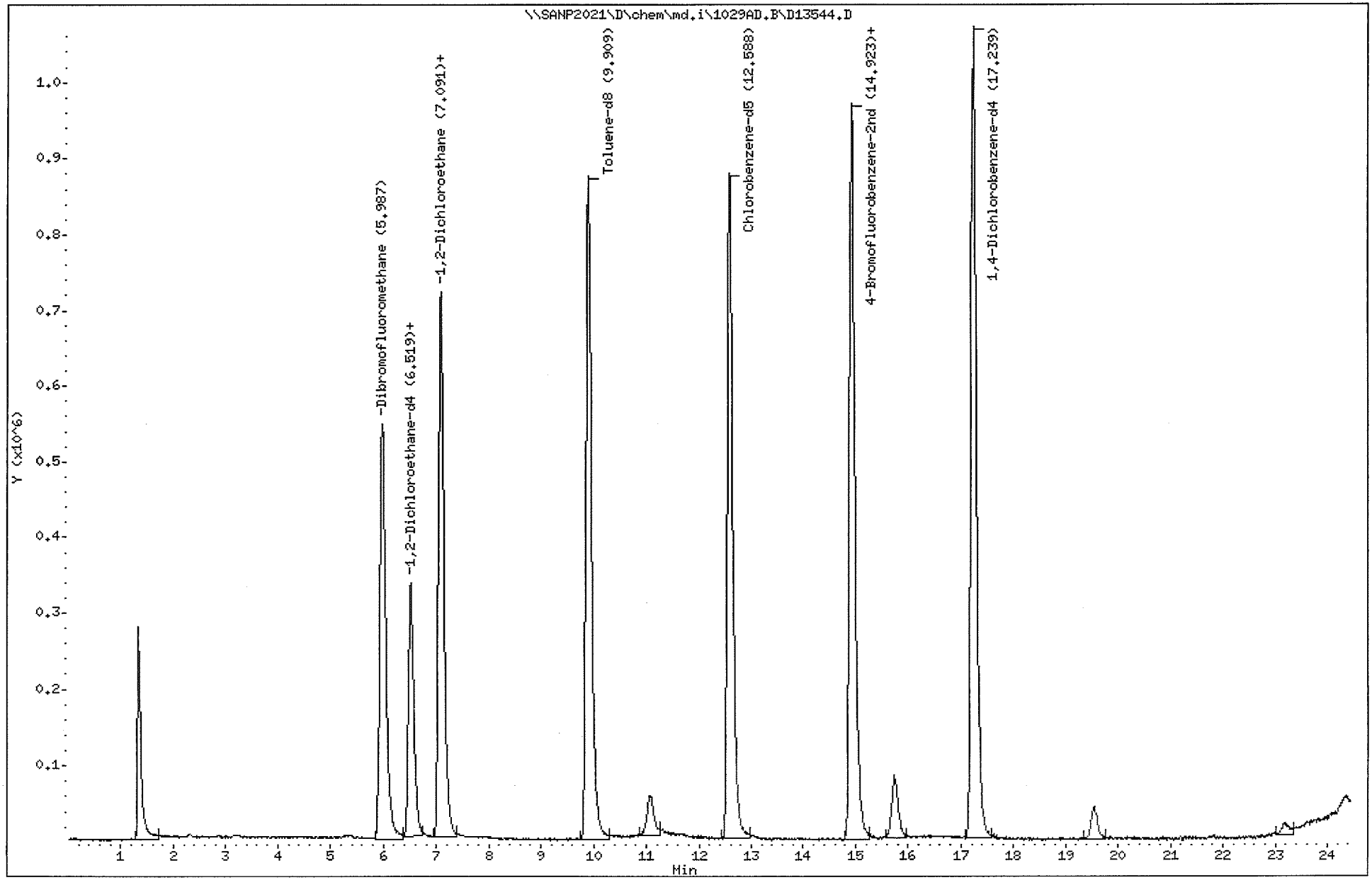
Sample Info: DNCF11A1,,2,,0,1,0,8260BDA.M,D13544

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000517

BOE-C6-0174010

Data File: \\SANP2021\D\chem\md.i\1029AD.B\D13544.D

Date : 29-OCT-2000 17:30

Client ID: D13544

Instrument: md.i

Sample Info: DNCF11A1,,2,,0,1,0,8260BDA.M,D13544

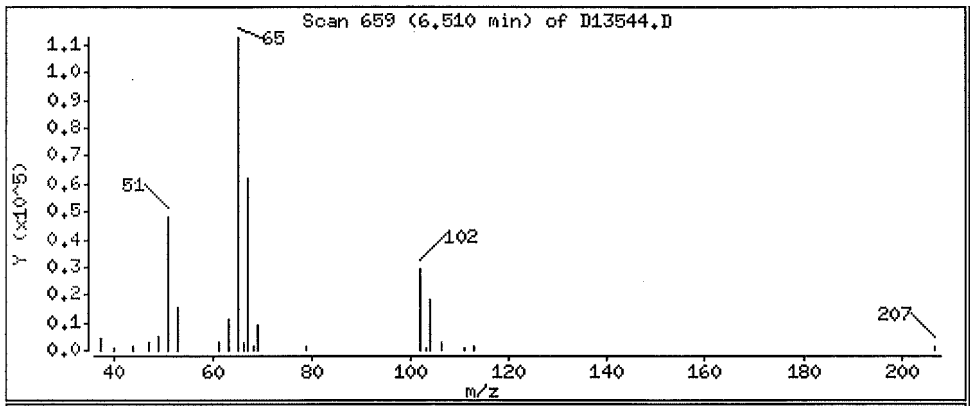
Operator: GFB

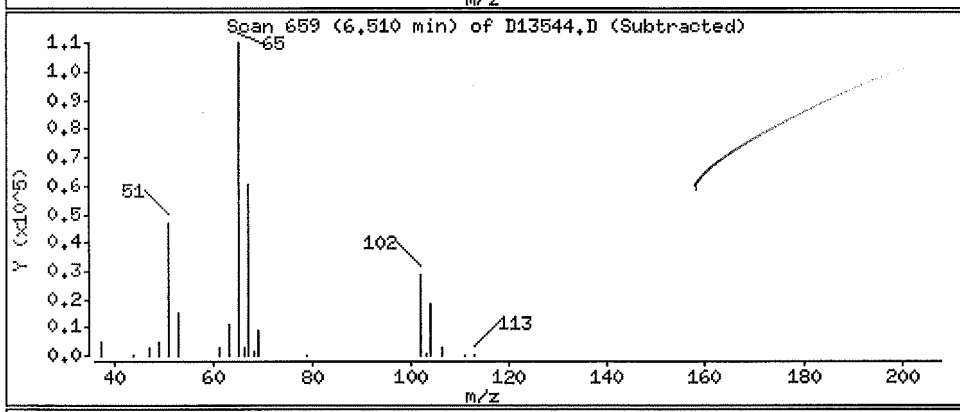
Column phase: J&W DB-624

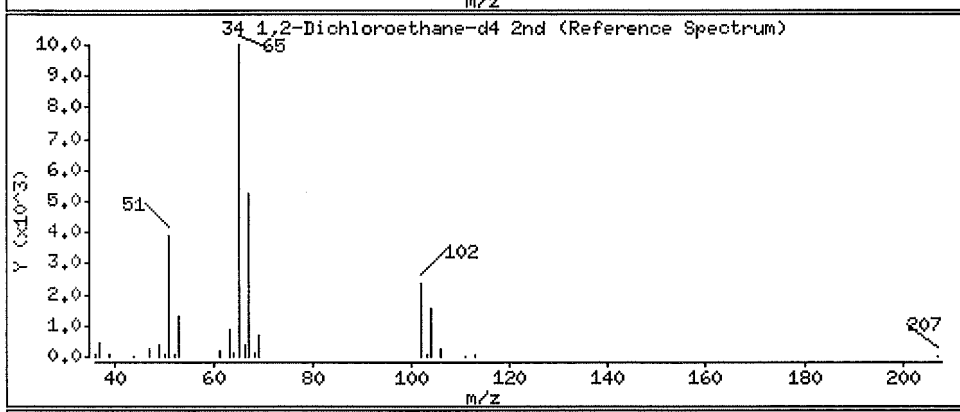
Column diameter: 0.53

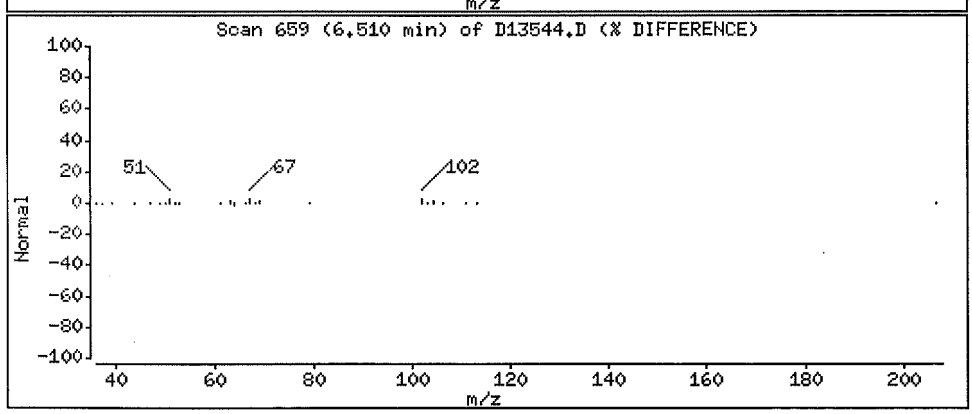
34 1,2-Dichloroethane-d4 2nd

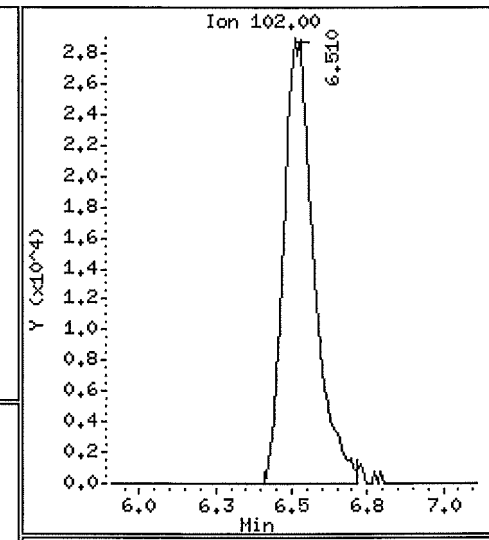
Concentration: 48.33 ug/Kg

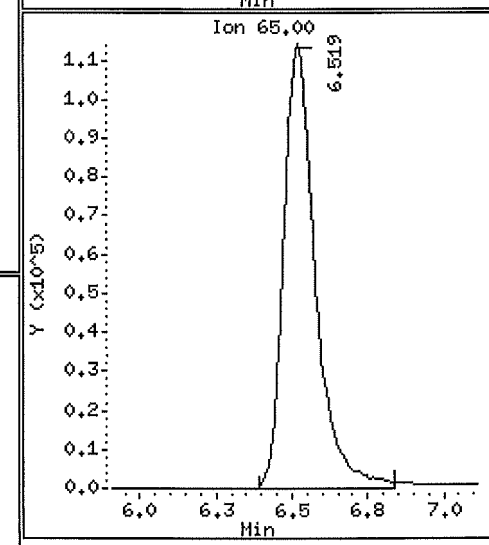












Data File: \\SANP2021\D\chem\md.i\1029AD.B\D13544.D

Date : 29-OCT-2000 17:30

Client ID: D13544

Instrument: md.i

Sample Info: DNCF11A1,,2,,0,1,0,8260BDA.M,D13544

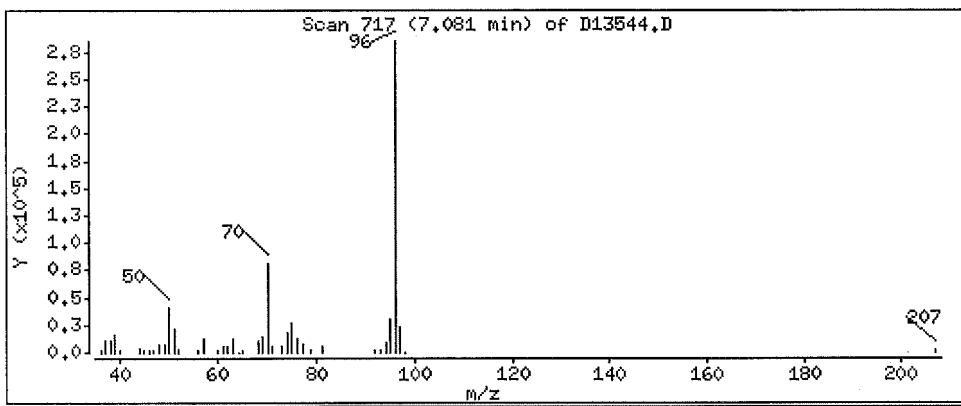
Operator: GFB

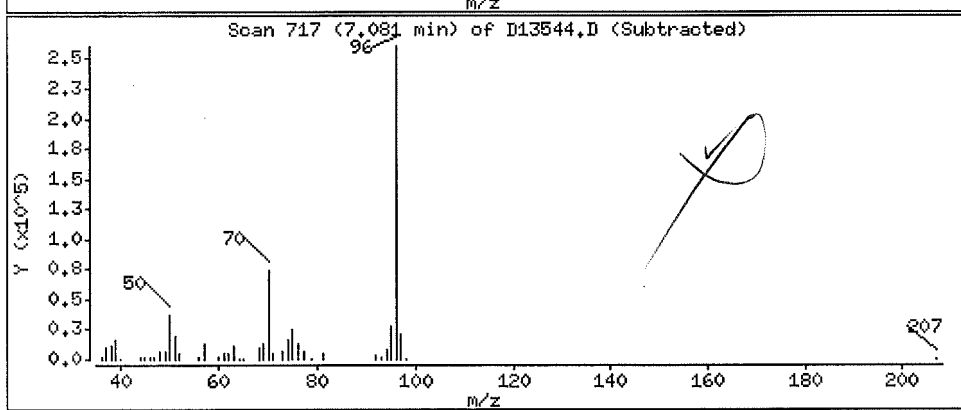
Column phase: J&W DB-624

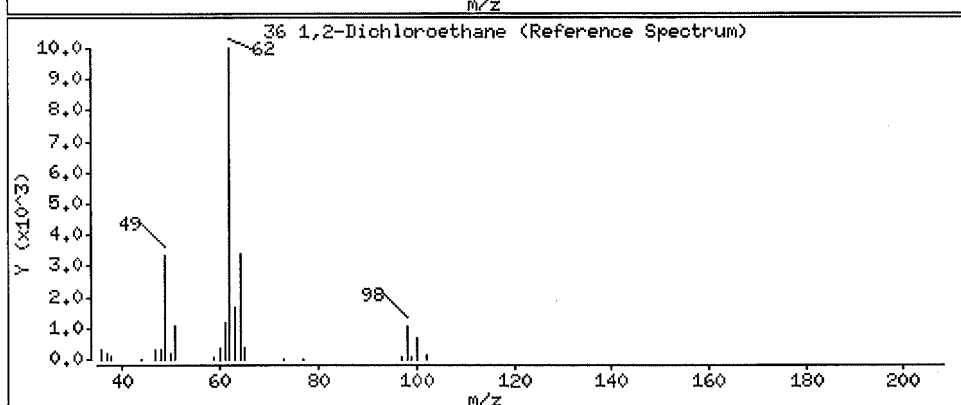
Column diameter: 0.53

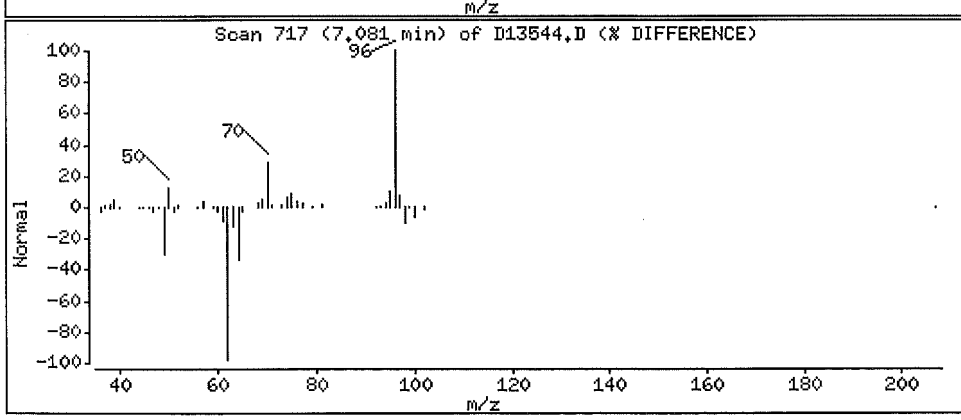
36 1,2-Dichloroethane

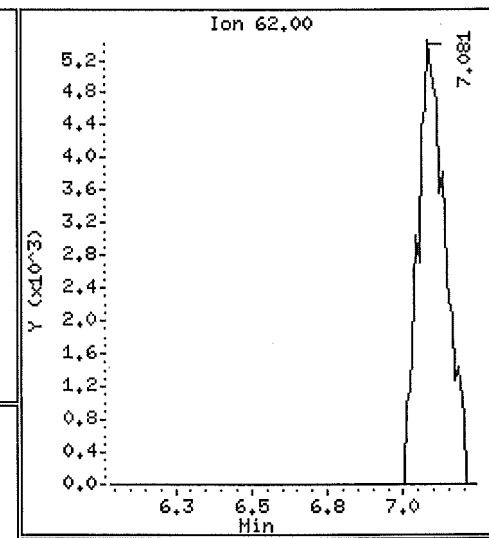
Concentration: 1.58 ug/Kg

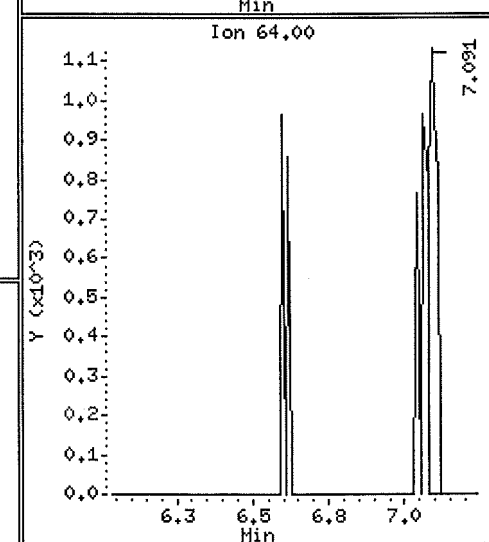


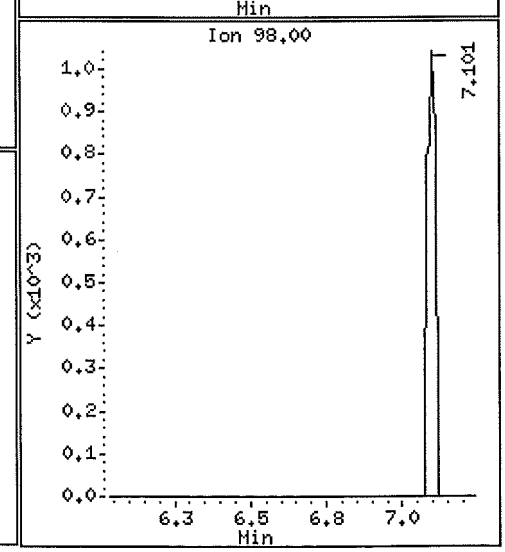












Data File: \\SANP2021\D\chem\md.i\1029AD.B\D13544.D

Date : 29-OCT-2000 17:30

Client ID: D13544

Instrument: md.i

Sample Info: DNCF11A1,,2,,0,1,0,8260BDA.M,D13544

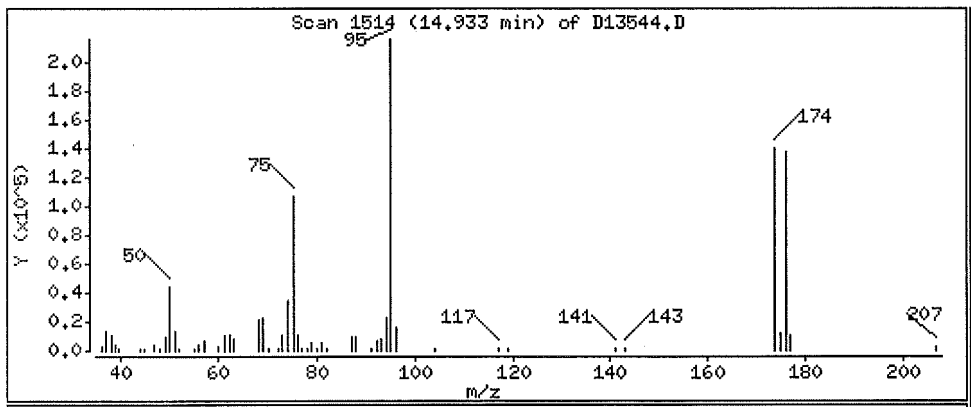
Operator: GFB

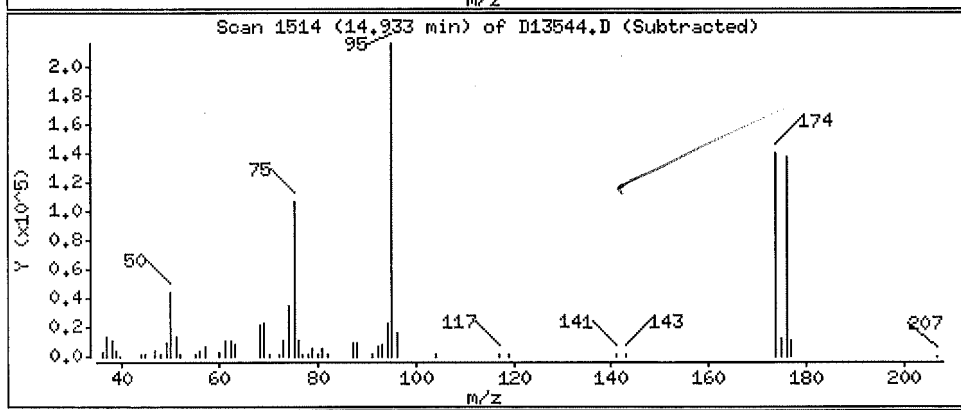
Column phase: J&W DB-624

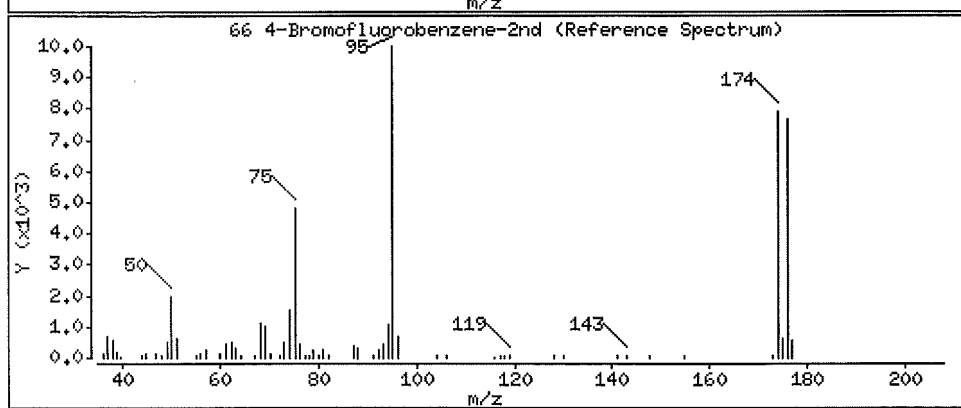
Column diameter: 0.53

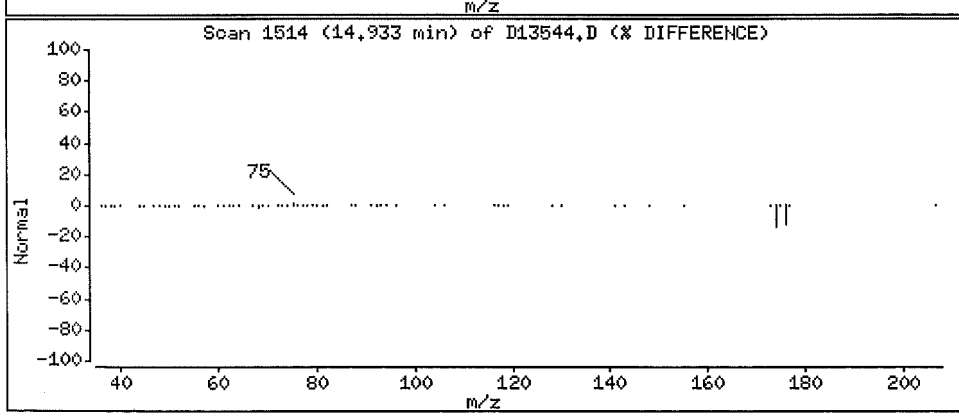
66 4-Bromofluorobenzene-2nd

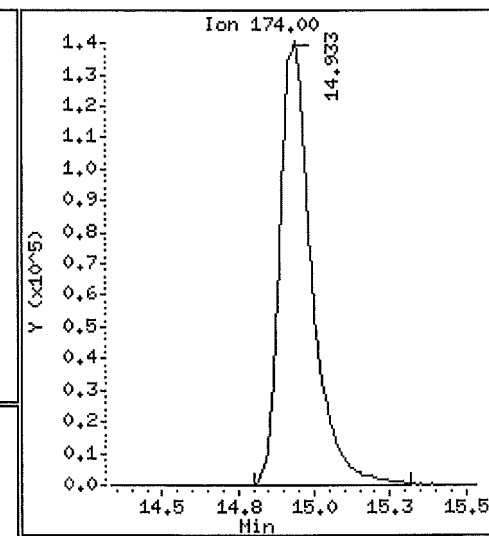
Concentration: 47.09 ug/Kg

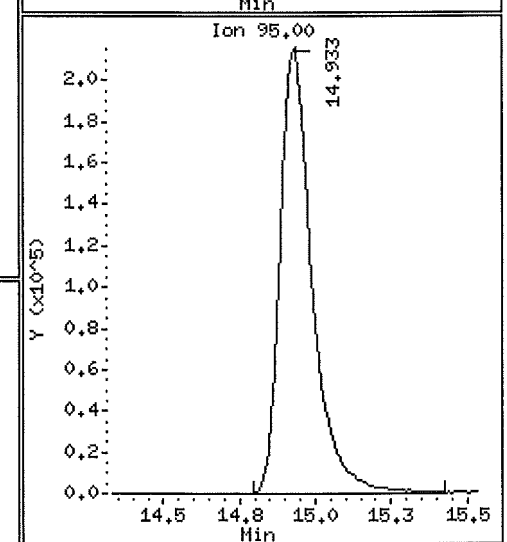


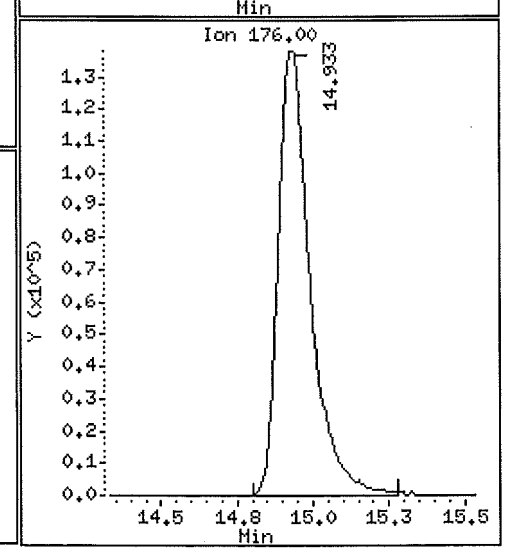












Data File: \\SANP2021\D\chem\md.i\1029AD.B\D13544.D

Date : 29-OCT-2000 17:30

Client ID: D13544

Instrument: md.i

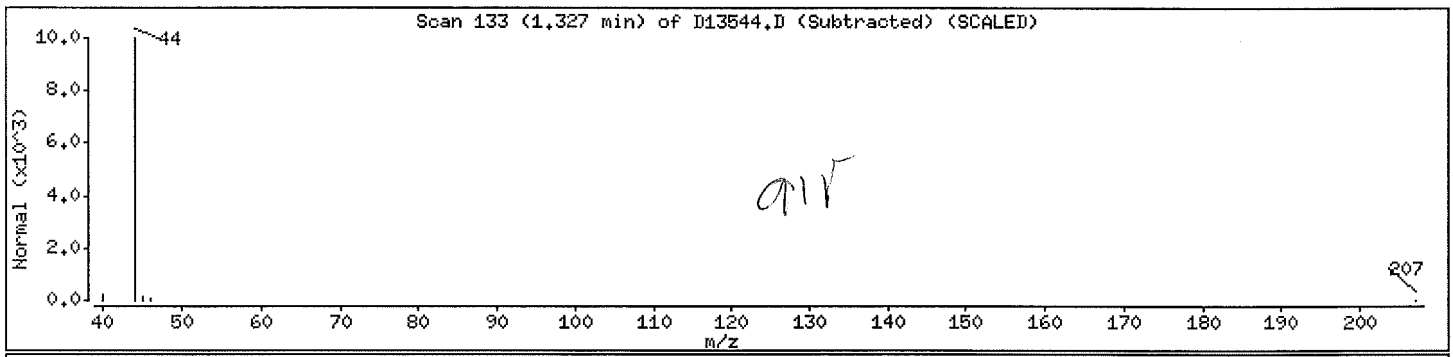
Sample Info: DNCF11A1,,2,,0,1,0,8260BDA.M,D13544

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\1029AD.B\D13545.D
Lab Smp Id: DNCF61AE Client Smp ID: D13545
Inj Date : 29-OCT-2000 18:02
Operator : GFB Inst ID: md.i
Smp Info : DNCF61AE,,2,,0,1,0,8260BDA.M,D13545
Misc Info : 165-8,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m
Meth Date : 29-Oct-2000 11:12 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)
$ 29 Dibromofluoromethane	111	5.991	5.976	(0.846)	1315795	49.7800	49.78
$ 33 1,2-Dichloroethane-d4	65	6.513	6.508	(0.919)	829161	43.0259	43.02
34 1,2-Dichloroethane-d4 2nd	102	6.513	6.508	(0.919)	200019	47.9927	47.99
36 1,2-Dichloroethane	62	7.095	6.636	(1.001)	34719	1.62220	1.62(aQ)
* 38 Fluorobenzene	96	7.085	7.079	(1.000)	2235724	50.0000	
$ 47 Toluene-d8	98	9.903	9.907	(0.786)	2147724	48.5905	48.59
* 56 Chlorobenzene-d5	117	12.592	12.597	(1.000)	1869652	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.927	14.932	(0.866)	1028040	46.1201	46.12
$ 67 4-Bromofluorobenzene	95	14.927	14.932	(0.866)	1576910	42.6631	42.66
* 79 1,4-Dichlorobenzene-d4	152	17.233	17.237	(1.000)	1183271	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\1029AD.B\D13545.D
Lab Smp Id: DNCF61AE Client Smp ID: D13545
Inj Date : 29-OCT-2000 18:02
Operator : GFB Inst ID: md.i
Smp Info : DNCF61AE,,2,,0,1,0,8260BDA.M,D13545
Misc Info : 165-8,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1029AD.B\8260BDA.m
Meth Date : 29-Oct-2000 11:12 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	7.085	5236465	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.321	1189303	11.3559688	11.36	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DNCF61AE
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa86601
Client Smp ID: D13545
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	1.321	11.36	J

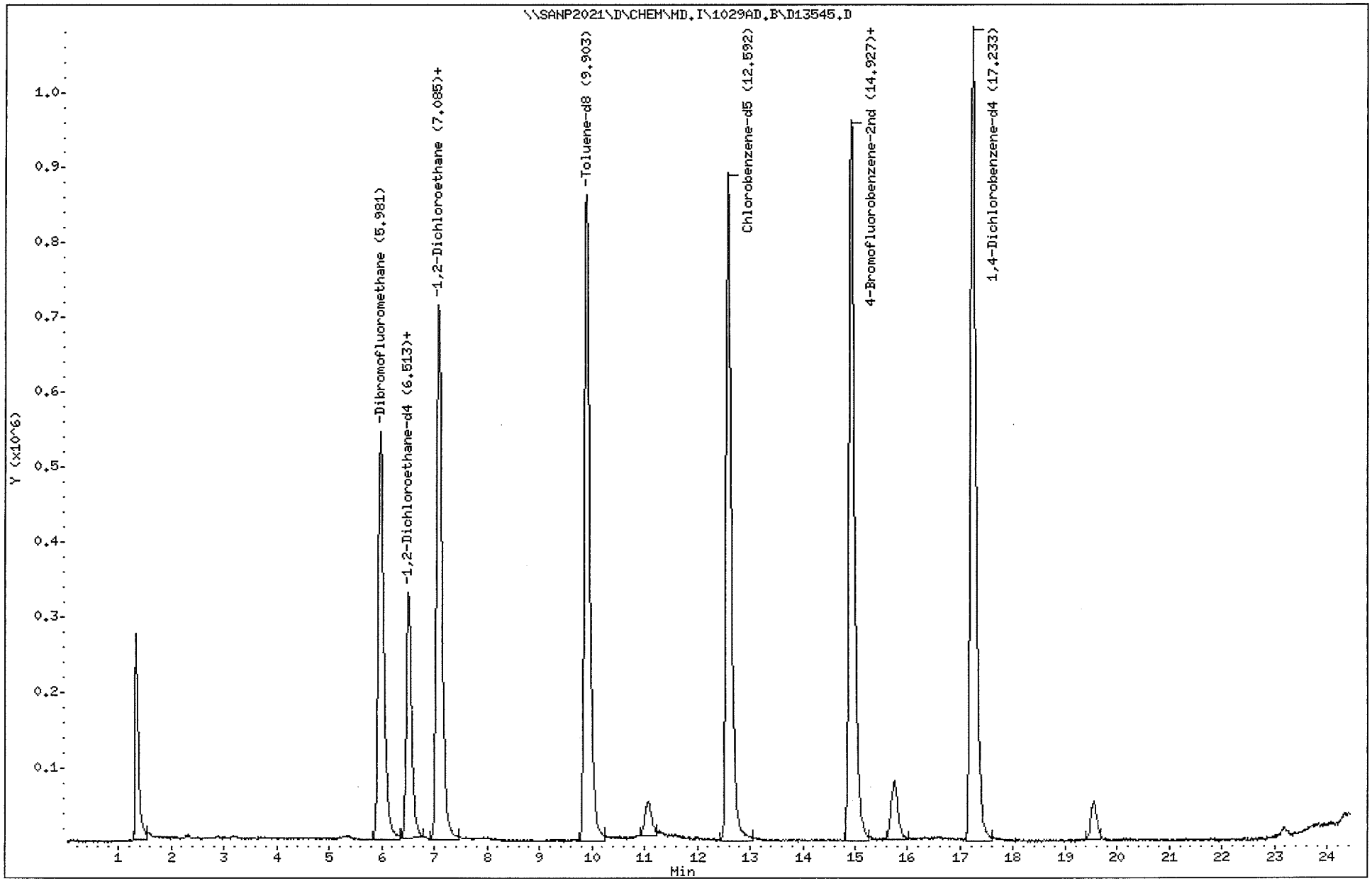
Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13545.D
Date : 29-OCT-2000 18:02
Client ID: D13545
Sample Info: DNCF61AE,,2,,0,1,0,8260BDA.M,D13545

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0174019

000526

Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13545.D

Date : 29-OCT-2000 18:02

Client ID: D13545

Instrument: md.i

Sample Info: DNCF61AE,,2,,0,1,0,8260BDA.M,D13545

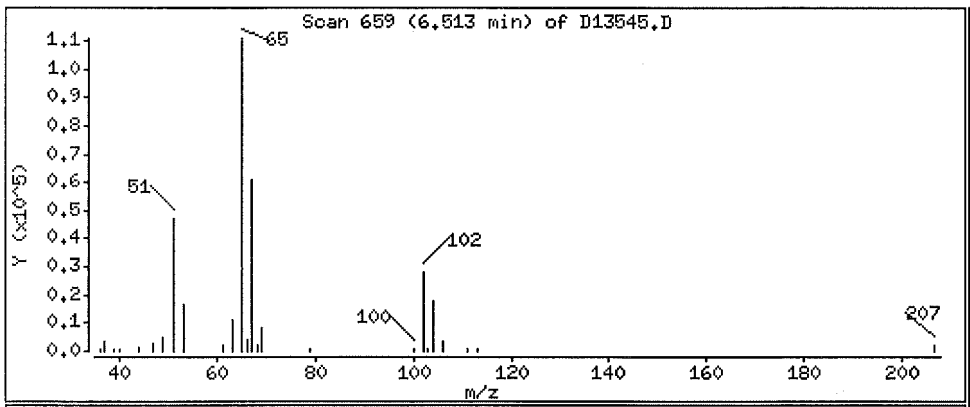
Operator: GFB

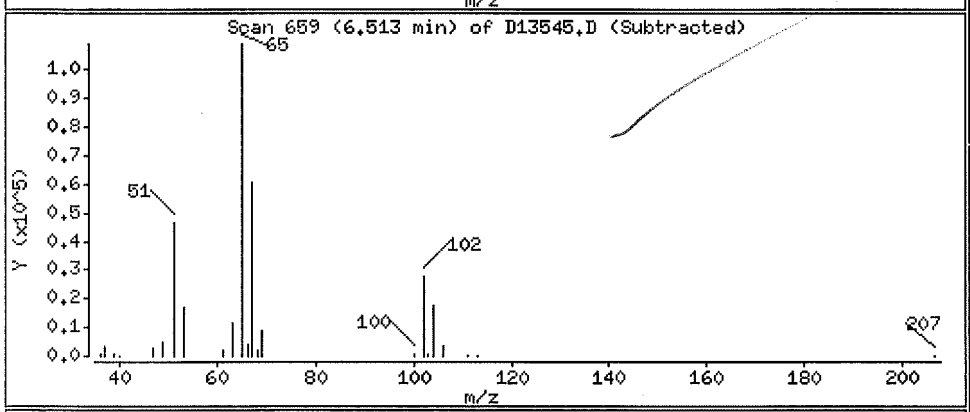
Column phase: J&W DB-624

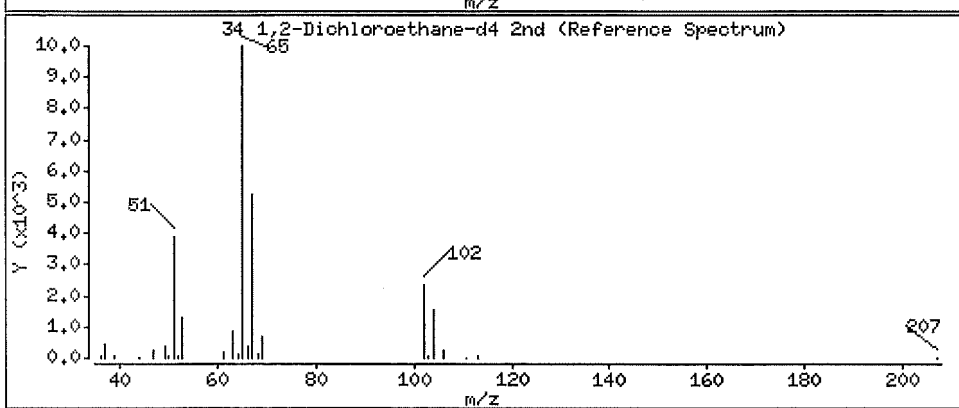
Column diameter: 0.53

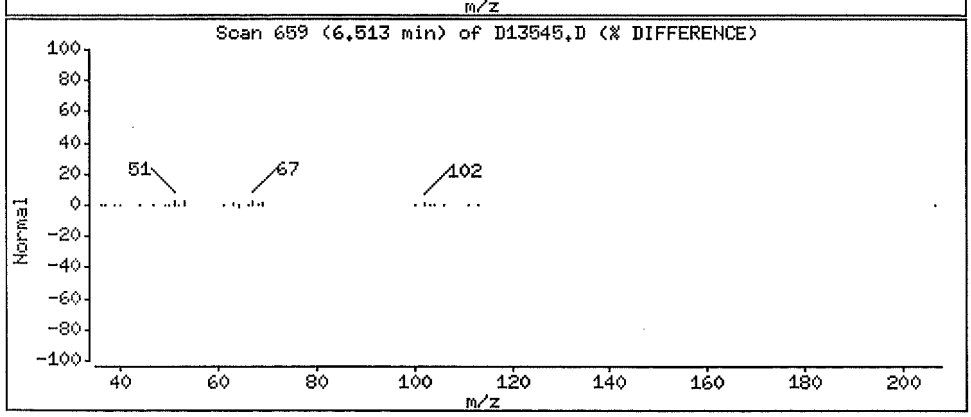
34 1,2-Dichloroethane-d4 2nd

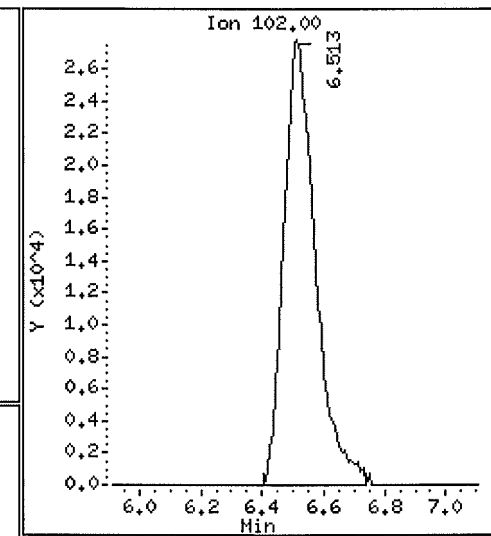
Concentration: 47.99 ug/Kg

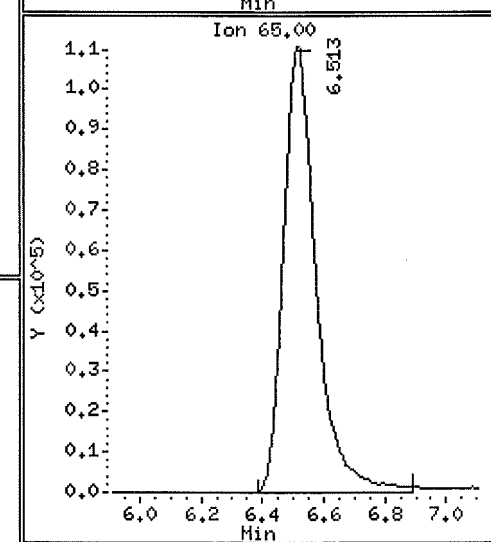












Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13545.D

Date : 29-OCT-2000 18:02

Client ID: D13545

Instrument: md.i

Sample Info: DNCF61AE,,2,,0,1,0,8260BDA.M,D13545

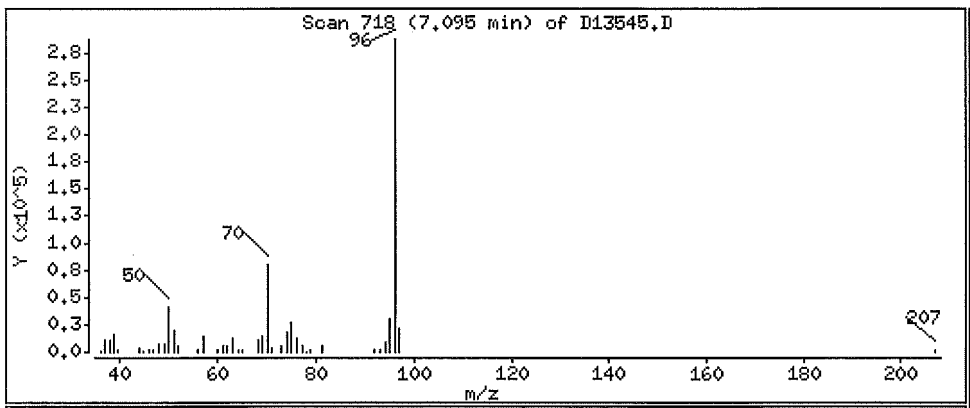
Operator: GFB

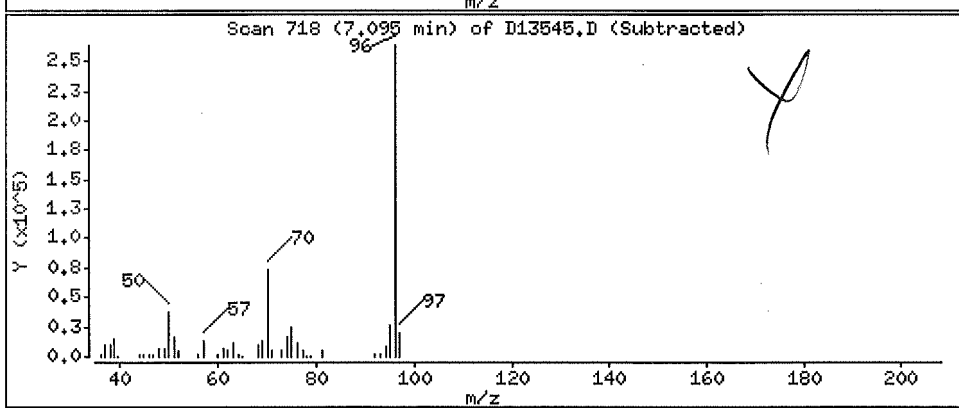
Column phase: J&W DB-624

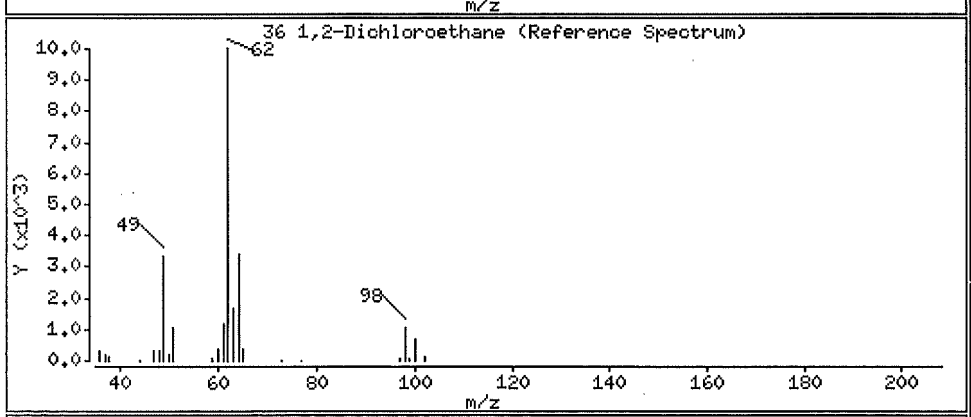
Column diameter: 0.53

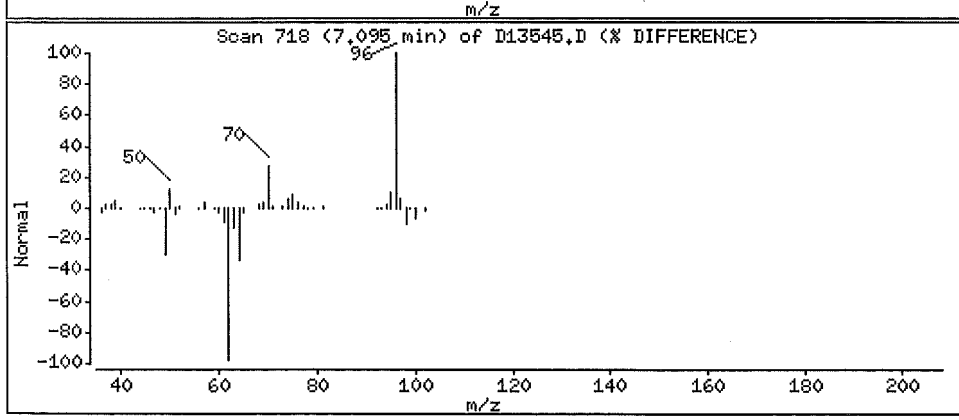
36 1,2-Dichloroethane

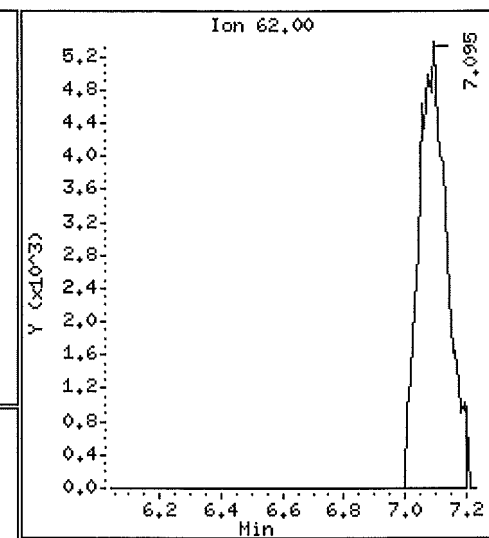
Concentration: 1.62 ug/Kg

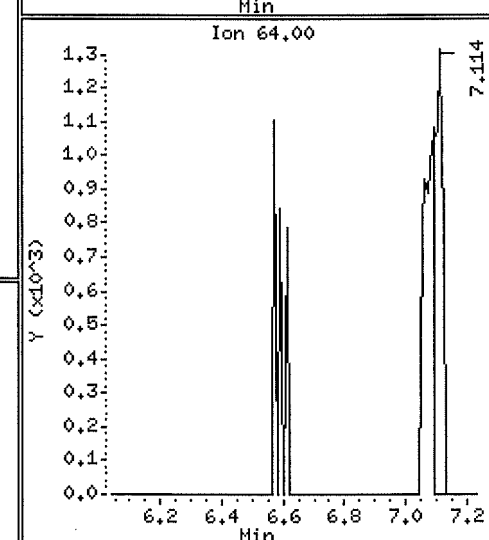


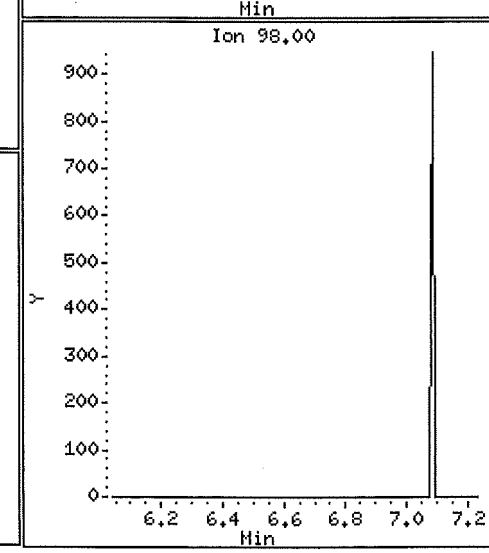












Data File: \\SANP2021\D\CHEM\MD.I\1029AD.B\D13545.D

Date : 29-OCT-2000 18:02

Client ID: D13545

Instrument: md.i

Sample Info: DNCF61AE,,2,,0,1,0,8260BDA.M,D13545

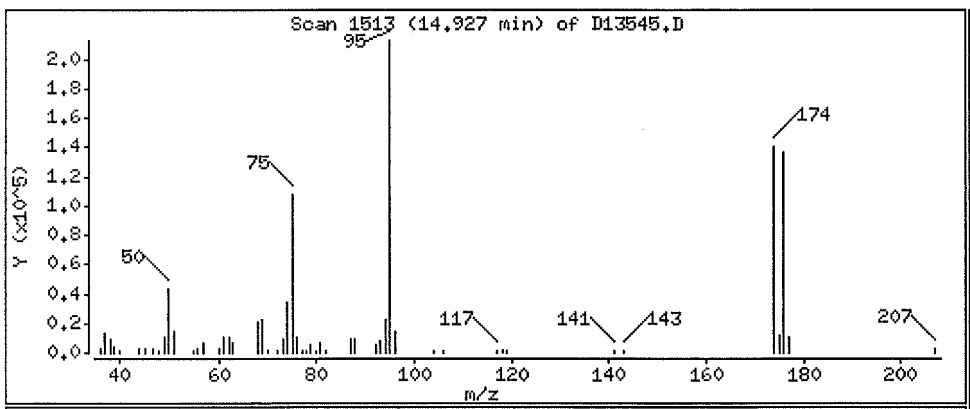
Operator: GFB

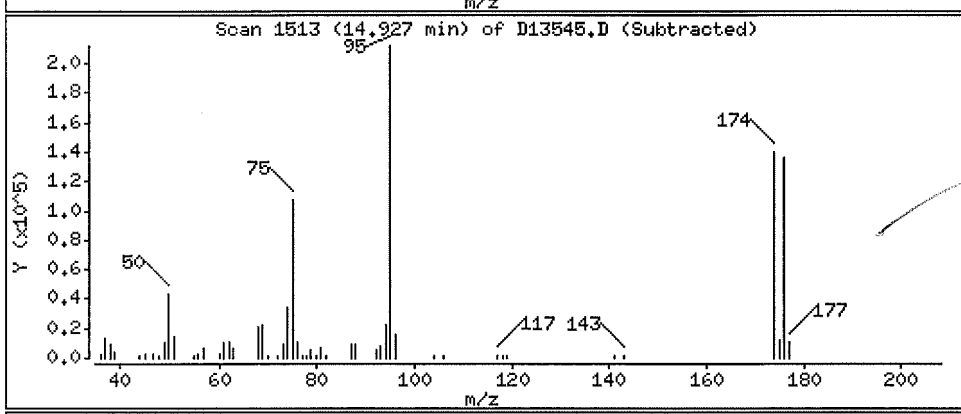
Column phase: J&W DB-624

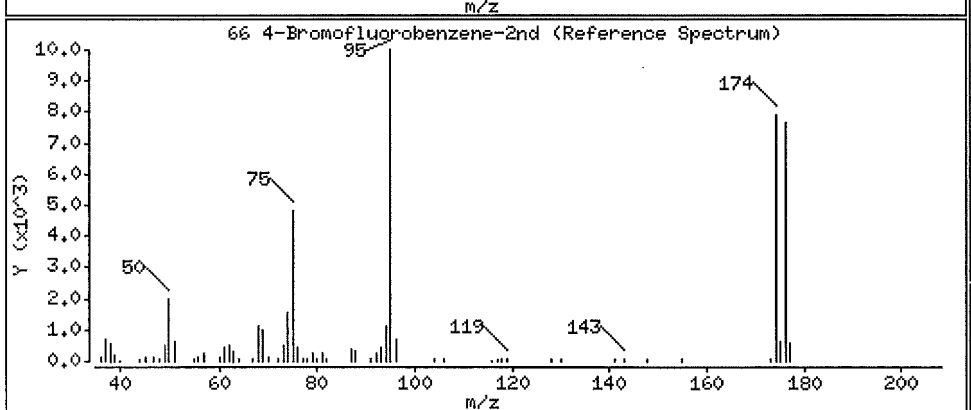
Column diameter: 0.53

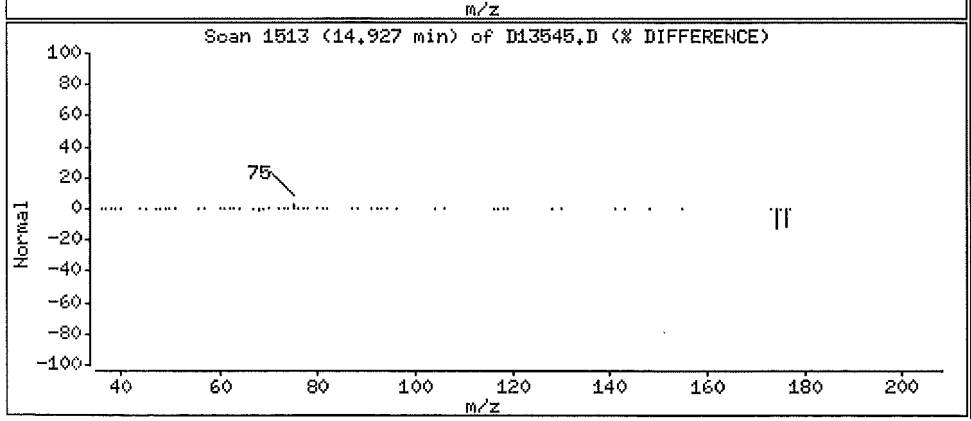
66 4-Bromofluorobenzene-2nd

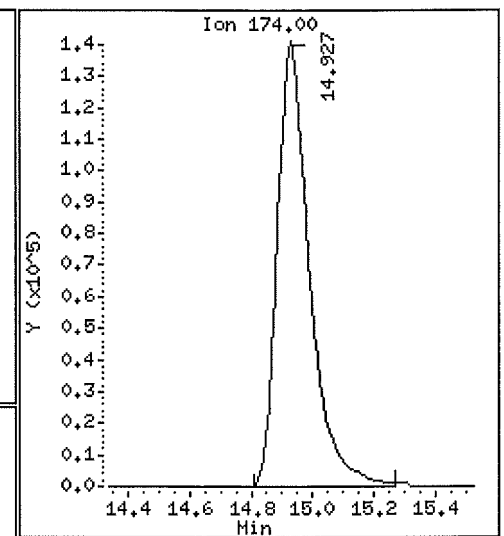
Concentration: 46.12 ug/Kg

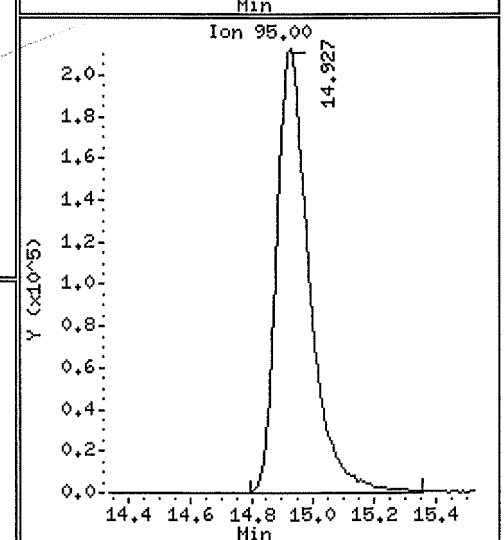


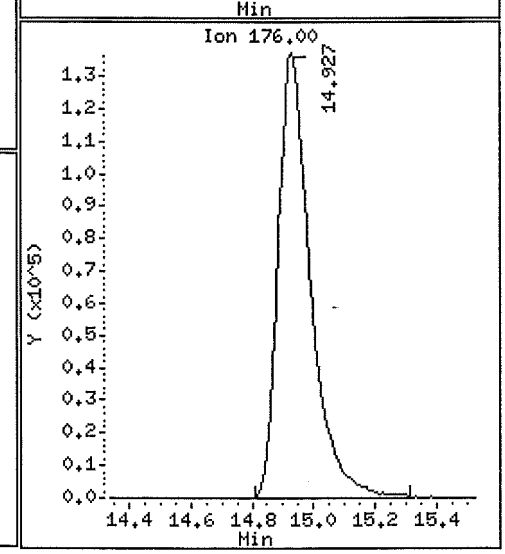












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Date : 29-OCT-2000 18:02

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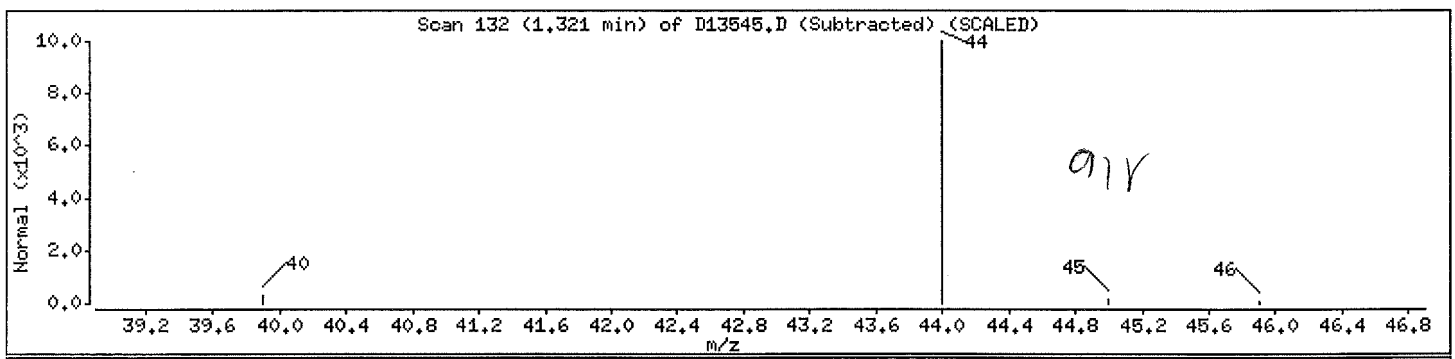
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