TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-7
Client Smp ID: MW-20D_050214DL
Inj Date : 12-MAY-2014 17:44
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-C-7
Misc Info : 26,5
Comment :
Method : /chem/D.i/Dsvr.p/dlldsmtr.b/somtr5t.m
Meth Date : 13-May-2014 11:32 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 12
Dil Factor: 26.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	26.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
$	3 Vinyl chloride-d3	65	1.777	1.771	(0.291)	103189	146.341	5.9(a)
	4 Vinyl chloride	62	1.783	1.777	(0.292)	23053	25.7095	27
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.137	2.131	(0.350)	82825	155.166	6.2(a)
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
$	9 1,1-Dichloroethene-d2	63	2.844	2.838	(0.466)	172818	119.334	4.8(aQ)
	10 1,1-Dichloroethene	96	2.856	2.850	(0.468)	16599	24.6636	26(Q)
	11 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	12 Acetone	43	Compound Not Detected.					
	13 Carbon disulfide	76	Compound Not Detected.					
	14 Methyl acetate	43	Compound Not Detected.					
	15 Methylene chloride	84	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	16 trans-1,2-Dichloroethene	96	3.606	3.600	(0.591)	1456	2.09153	2.2(aQ)
	17 Methyl tert-butyl ether	73	Compound Not Detected.					
	18 1,1-Dichloroethane	63	4.057	4.057	(0.664)	10976	8.59146	8.9(a)
$	19 2-Butanone-d5	46	4.679	4.703	(0.766)	109312	1366.82	55(a)
	20 cis-1,2-Dichloroethene	96	4.703	4.697	(0.770)	225290	329.011	340
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.032	5.026	(0.824)	166706	136.539	5.5(a)
	24 Chloroform	83	Compound Not Detected.					
	25 1,1,1-Trichloroethane	97	5.258	5.252	(0.555)	5086	4.01955	4.2(a)
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	5.612	5.612	(0.919)	68379	158.347	6.3(a)
$	29 Benzene-d6	84	5.630	5.630	(0.594)	379897	132.679	5.3(a)
	30 Benzene	78	5.673	5.673	(0.599)	1908	0.64721	0.67(a)
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	6.105	6.099	(1.000)	306104	125.000	
	33 Trichloroethene	95	6.392	6.392	(0.674)	100730	130.058	140
$	34 1,2-Dichloropropane-d6	67	6.550	6.550	(0.691)	91372	113.993	4.6(a)
	35 Methylcyclohexane	55	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
	38 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	39 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	40 Toluene-d8	98	7.782	7.782	(0.821)	369922	130.480	5.2(a)
	41 Toluene	91	7.861	7.861	(0.830)	4314	1.34243	1.4(a)
$	42 trans-1,3-Dichloropropene-d4	79	8.087	8.087	(0.853)	72094	123.055	4.9(a)
	43 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	44 1,1,2-Trichloroethane	97	Compound Not Detected.					
	45 Tetrachloroethene	164	8.495	8.489	(0.896)	23508	30.2430	31
$	46 2-Hexanone-d5	63	8.599	8.599	(0.907)	88487	1329.82	53(a)
	47 2-Hexanone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
	49 1,2-Dibromoethane	107	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	9.477	9.477	(1.000)	245057	125.000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	Compound Not Detected.					
	53 m,p-Xylene	106	Compound Not Detected.					
	55 o-Xylene	106	Compound Not Detected.					
	54 Styrene	104	Compound Not Detected.					
	56 Bromoform	172	Compound Not Detected.					
	57 Isopropylbenzene	105	Compound Not Detected.					
$	58 1,1,2,2-Tetrachloroethane-d2	84	11.056	11.050	(1.167)	34218	123.988	5.0(a)
	59 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	60 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	61 1,4-Dichlorobenzene-d4	152	12.293	12.293	(1.000)	119628	125.000	
	62 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$ 63 1,2-Dichlorobenzene-d4	152	12.720	12.720	(1.035)	104942	122.543	4.9(a)
64 1,2-Dichlorobenzene	146	Compound Not Detected.					
65 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
66 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
67 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-7
Client Smp ID: MW-20D_050214DL
Inj Date : 12-MAY-2014 17:44
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-C-7
Misc Info : 26,5
Comment :
Method : /chem/D.i/Dsvr.p/dlldsmtr.b/somtr5t.m
Meth Date : 13-May-2014 11:32 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 12
Dil Factor: 26.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	26.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

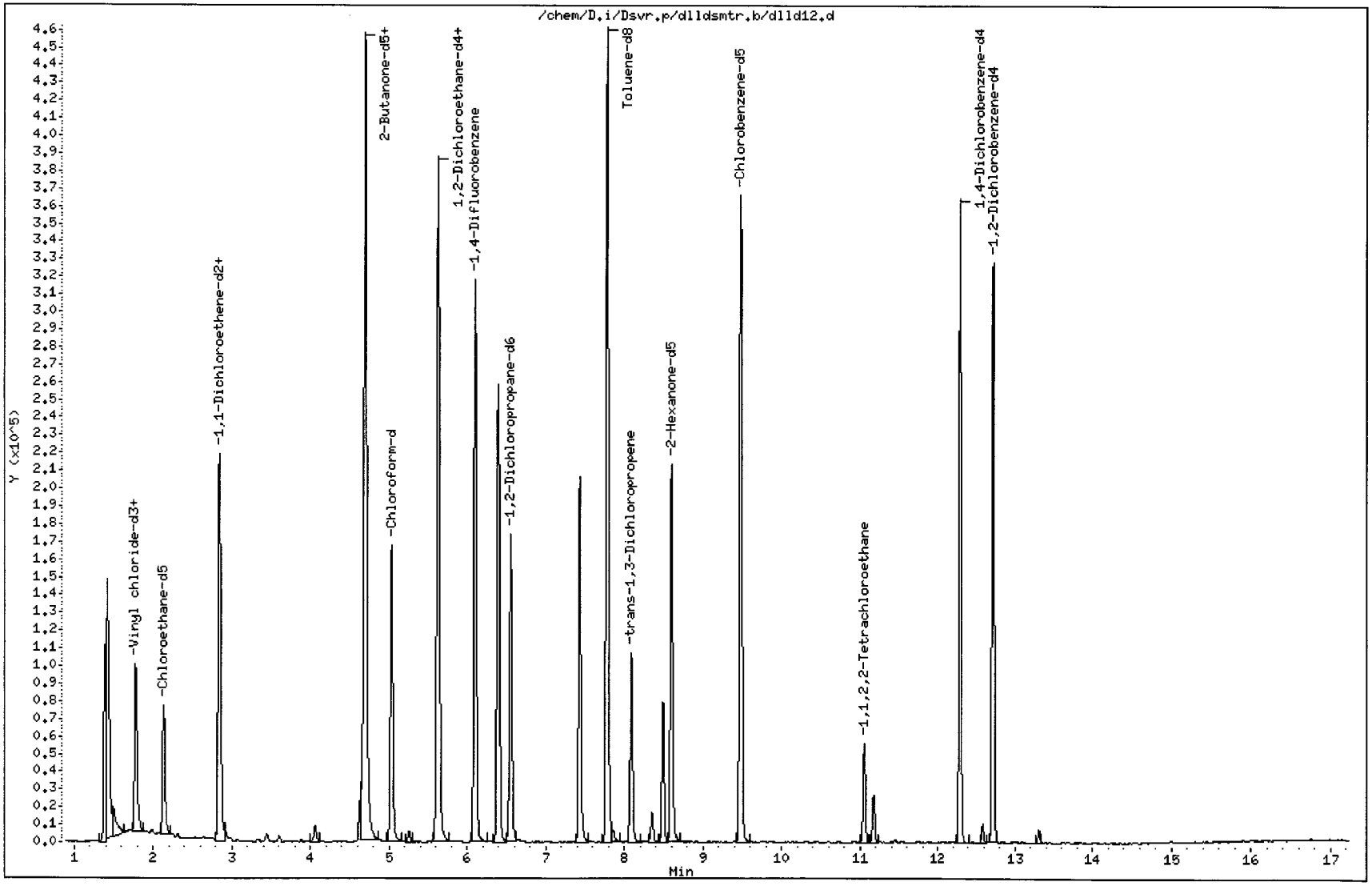
ISTD	RT	AREA	AMOUNT
* 32 1,4-Difluorobenzene	6.105	703645	125.000

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/L)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
7.434	437476	77.7159518	81	0		0	32

Data File: /chem/D.i/Dsvr.p/dlldsmtr.b/dlld12.d
Date : 12-MAY-2014 17:44
Client ID: MW-20D_050214DL
Sample Info: 200-22183-C-7
Purge Volume: 25.0
Column phase: DB-624

Instrument: D.i

Operator: JSW
Column diameter: 0.20



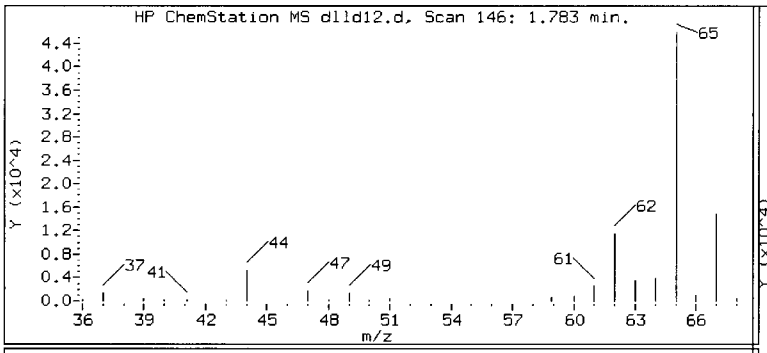
Data File: dlld12.d

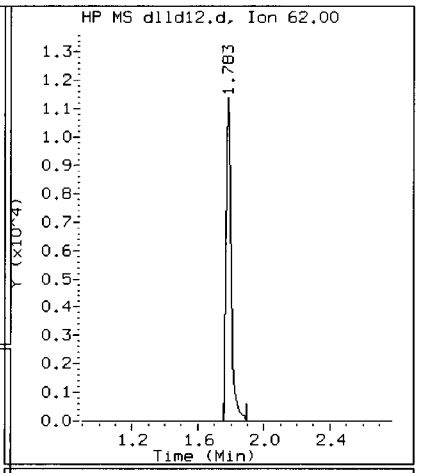
Lab Sample ID: 200-22183-7 Date: 12-MAY-2014 17:44

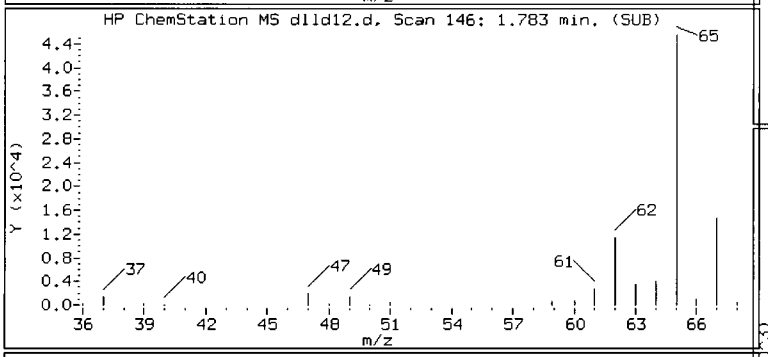
Client ID: MW-20D_050214DL Instrument: D.i

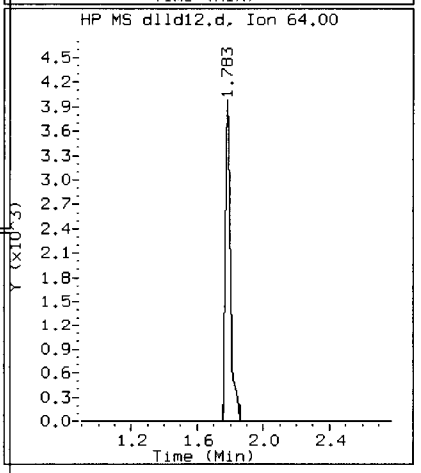
Sample Info: 200-22183-C-7 Operator: JSW

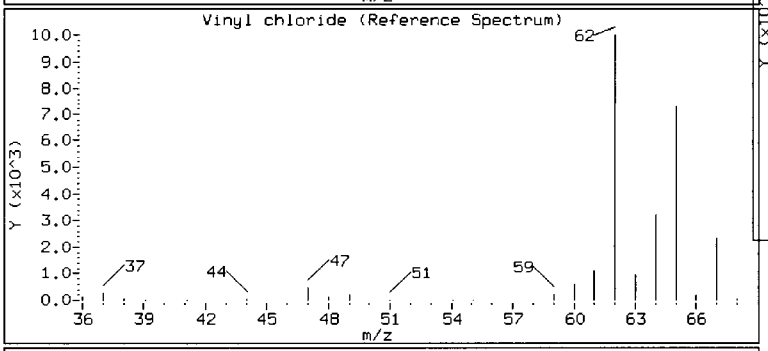
4 Vinyl chloride

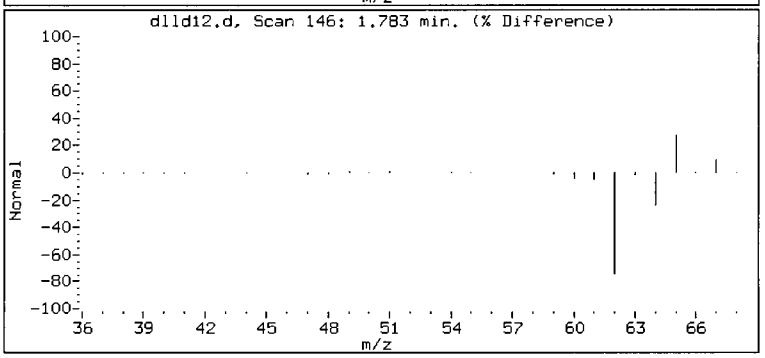












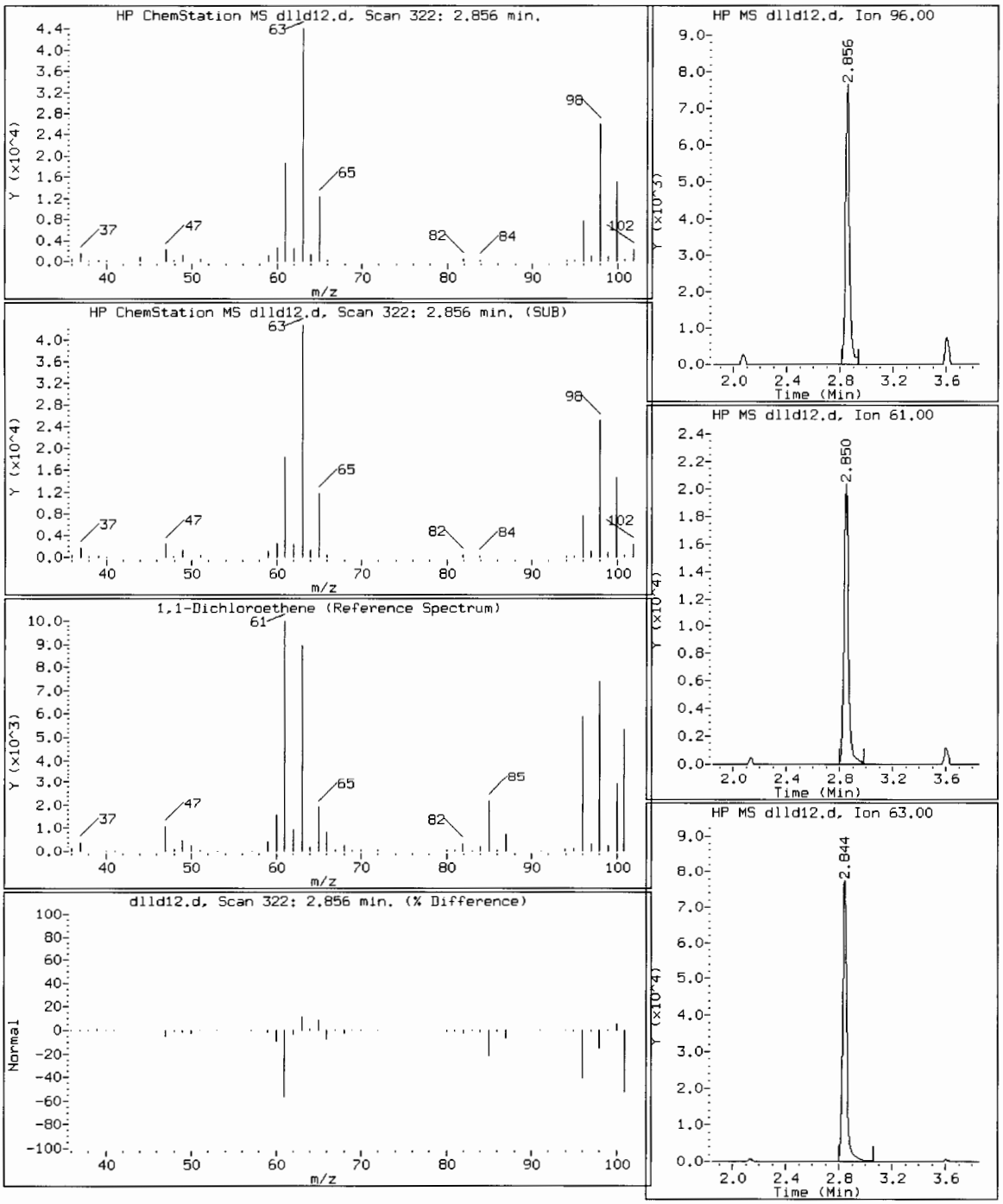
Data File: dlld12.d

Lab Sample ID: 200-22183-7 Date: 12-MAY-2014 17:44

Client ID: MW-20D_050214DL Instrument: D.i

Sample Info: 200-22183-C-7 Operator: JSW

10 1,1-Dichloroethene



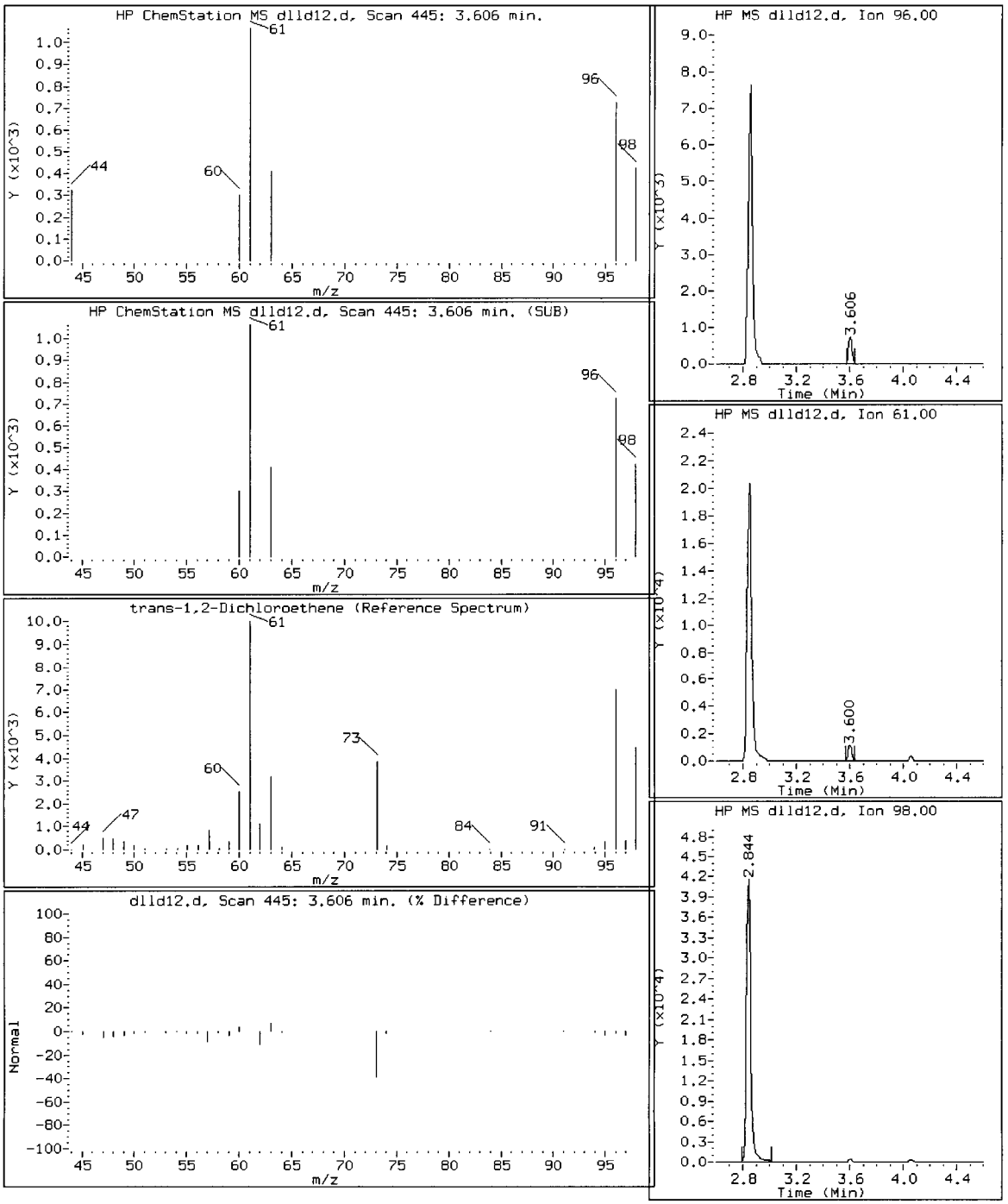
Data File: dlld12.d

Lab Sample ID: 200-22183-7 Date: 12-MAY-2014 17:44

Client ID: MW-20D_050214DL Instrument: D.i

Sample Info: 200-22183-C-7 Operator: JSW

16 trans-1,2-Dichloroethene



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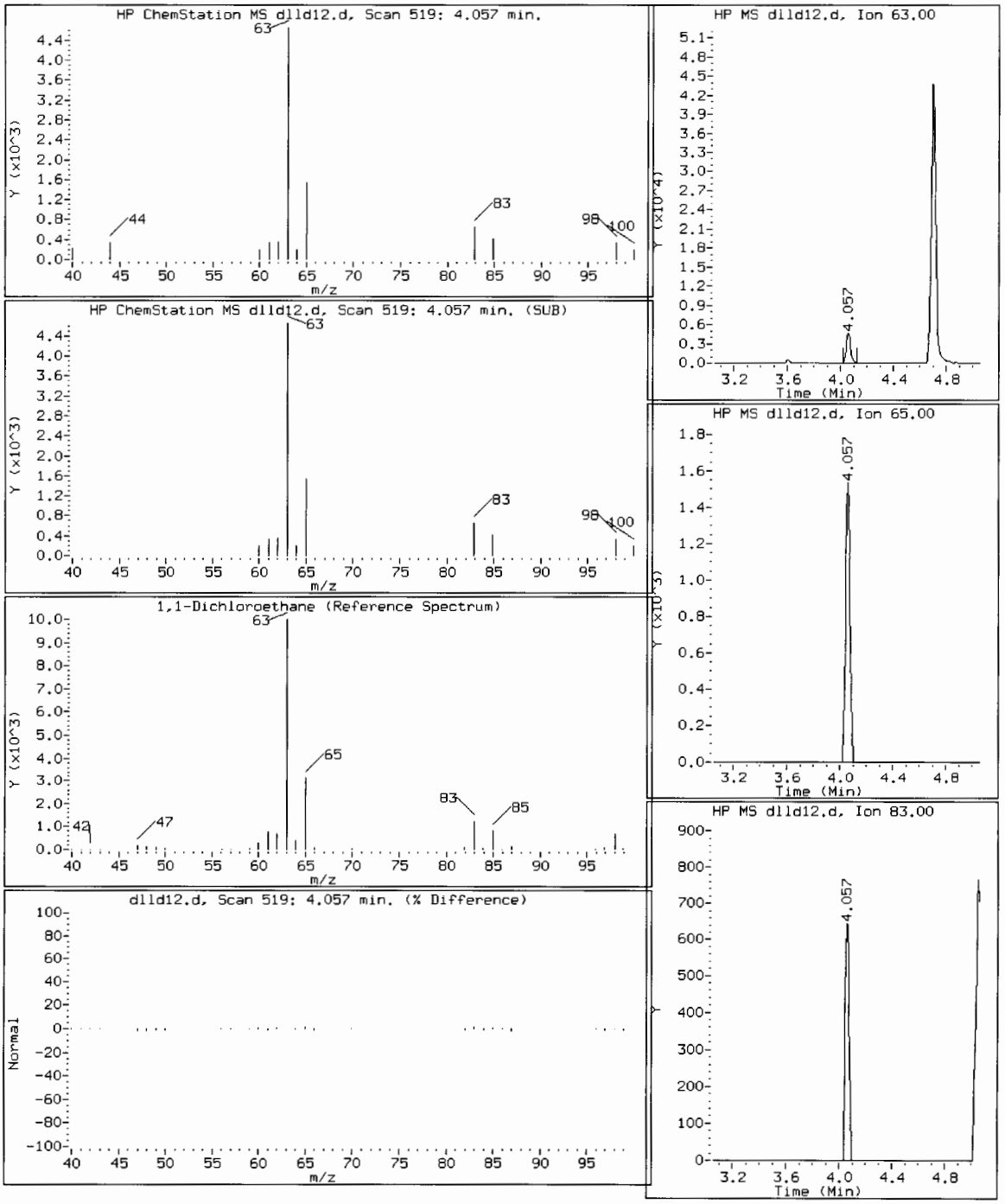
Lab Sample ID: 200-22183-7 Date: 12-MAY-2014 17:44

Client ID: MW-20D_050214DL Instrument: D.i

Sample Info: 200-22183-C-7 Operator: JSW

18 1,1-Dichloroethane



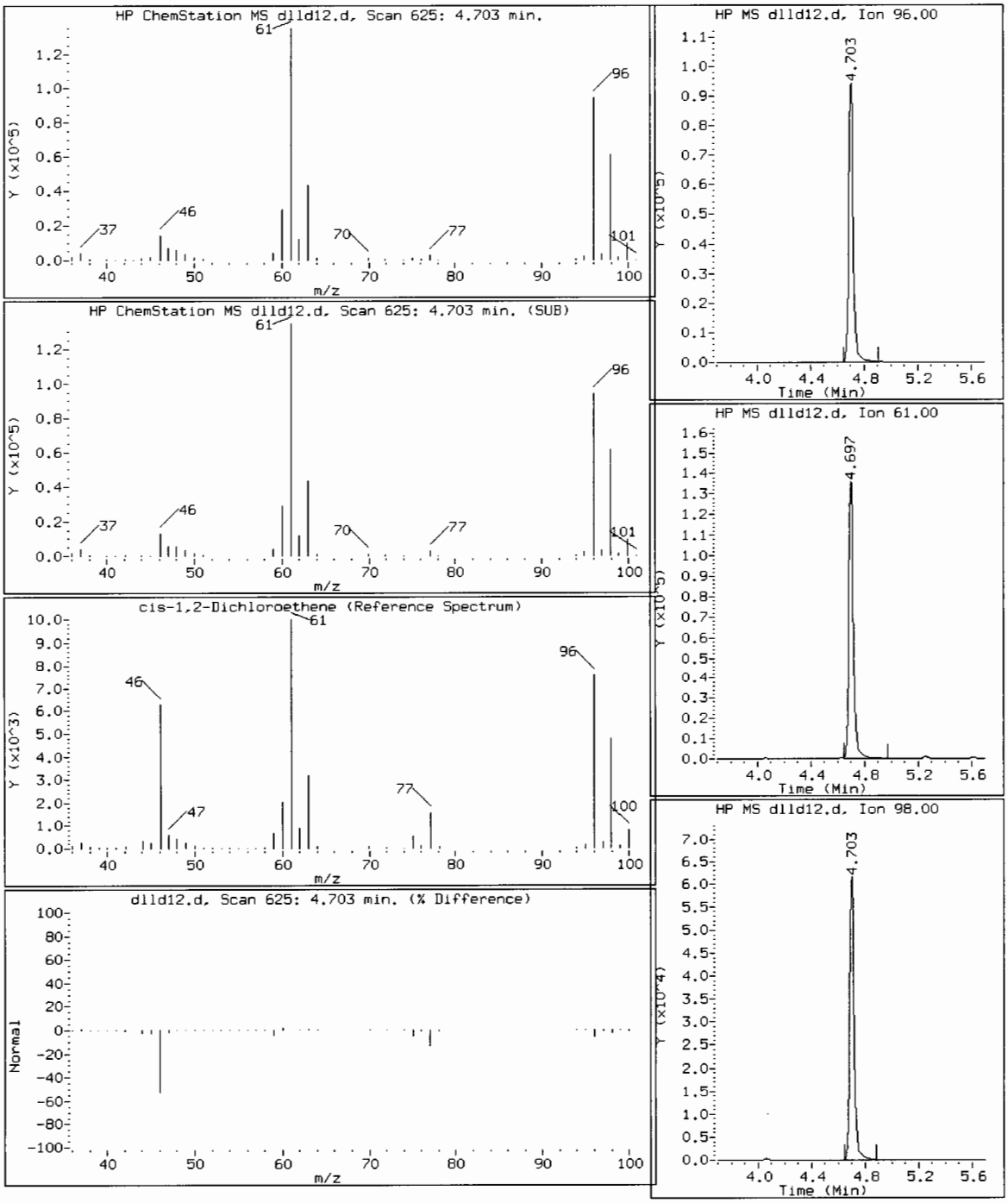
Data File: dlld12.d

Lab Sample ID: 200-22183-7 Date: 12-MAY-2014 17:44

Client ID: MW-20D_050214DL Instrument: D.i

Sample Info: 200-22183-C-7 Operator: JSW

20 cis-1,2-Dichloroethene



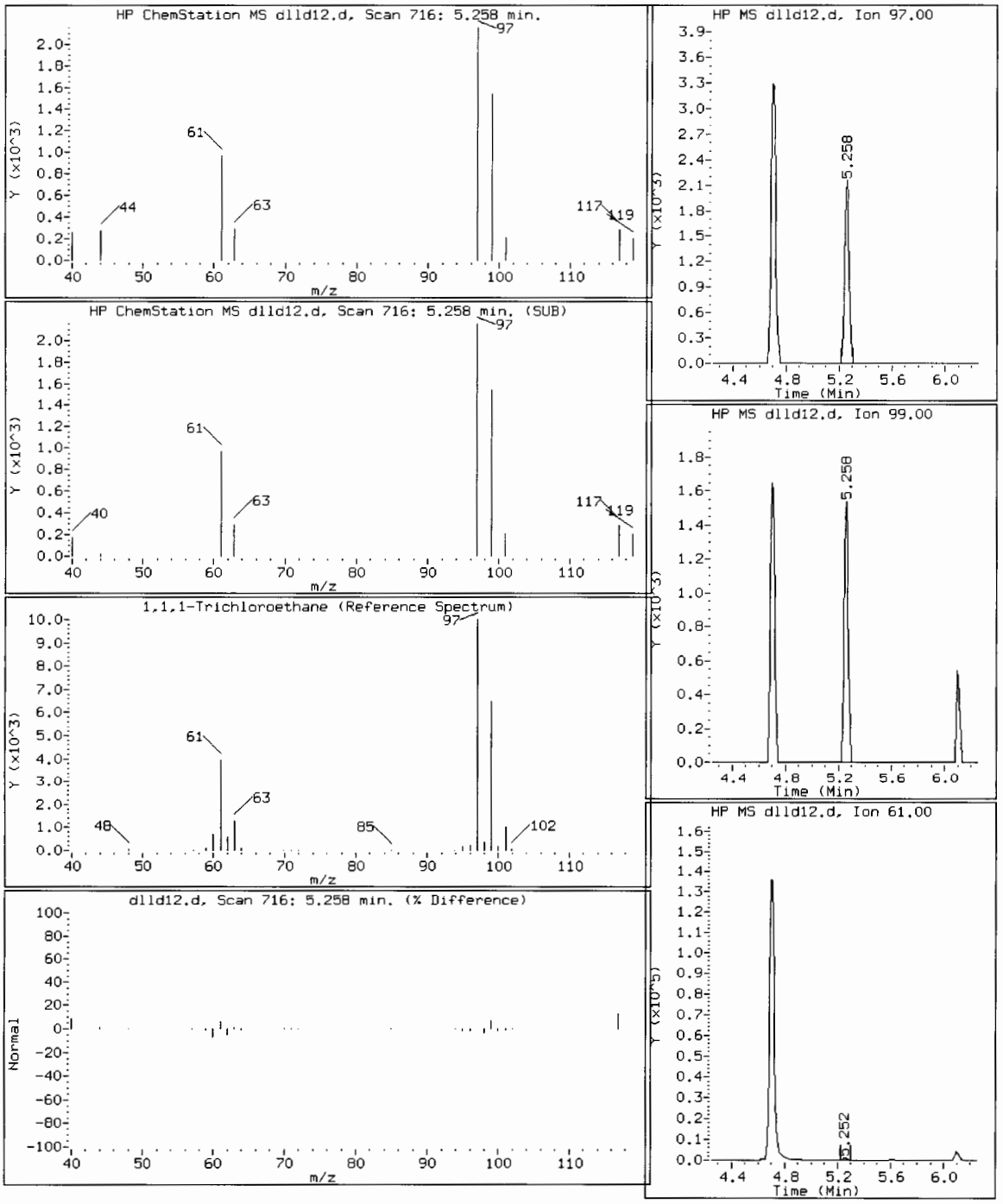
Data File: dlld12.d

Lab Sample ID: 200-22183-7 Date: 12-MAY-2014 17:44

Client ID: MW-20D_050214DL Instrument: D.i

Sample Info: 200-22183-C-7 Operator: JSW

25 1,1,1-Trichloroethane



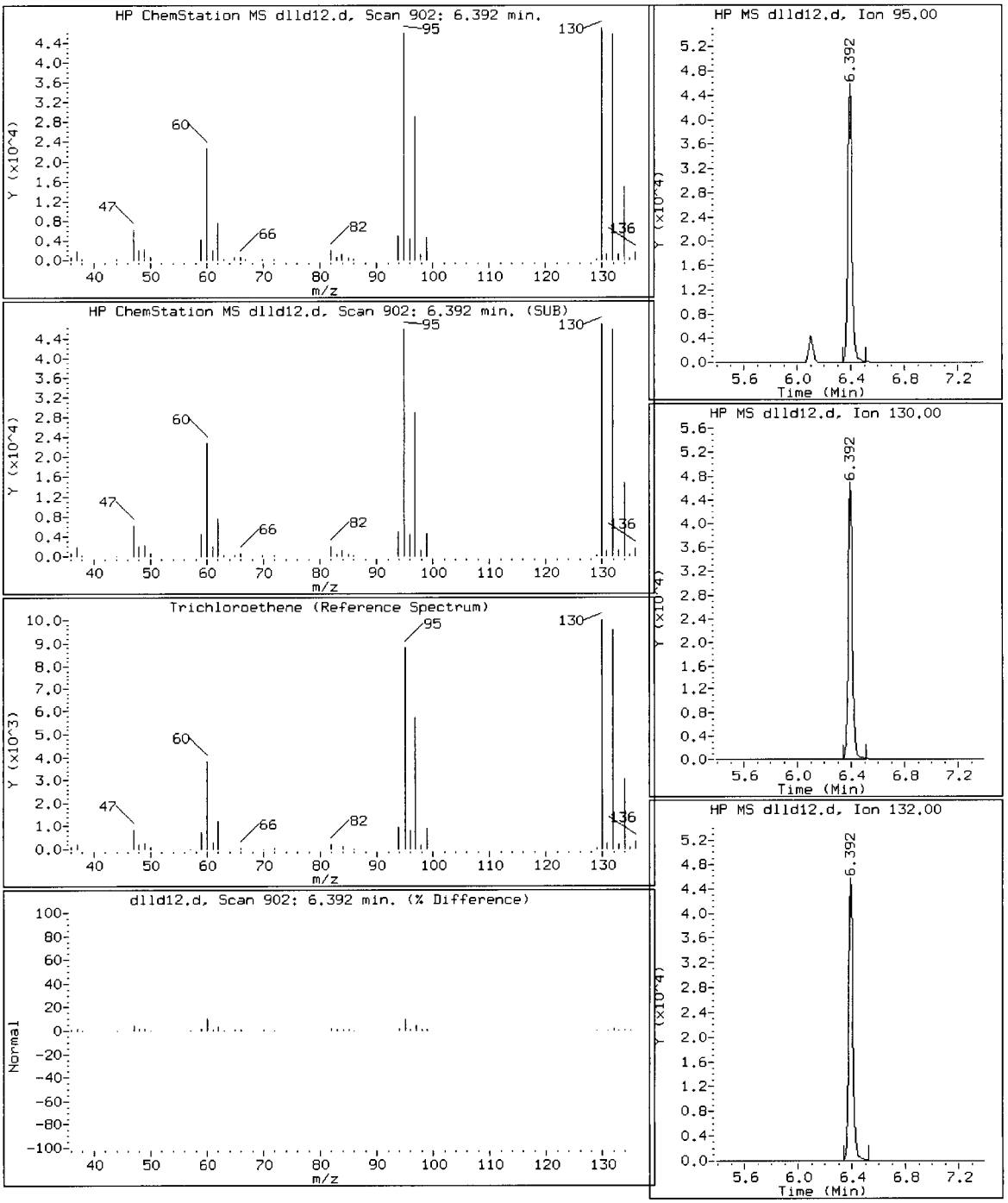
Data File: dlld12.d

Lab Sample ID: 200-22183-7 Date: 12-MAY-2014 17:44

Client ID: MW-20D_050214DL Instrument: D.i

Sample Info: 200-22183-C-7 Operator: JSW

33 Trichloroethene



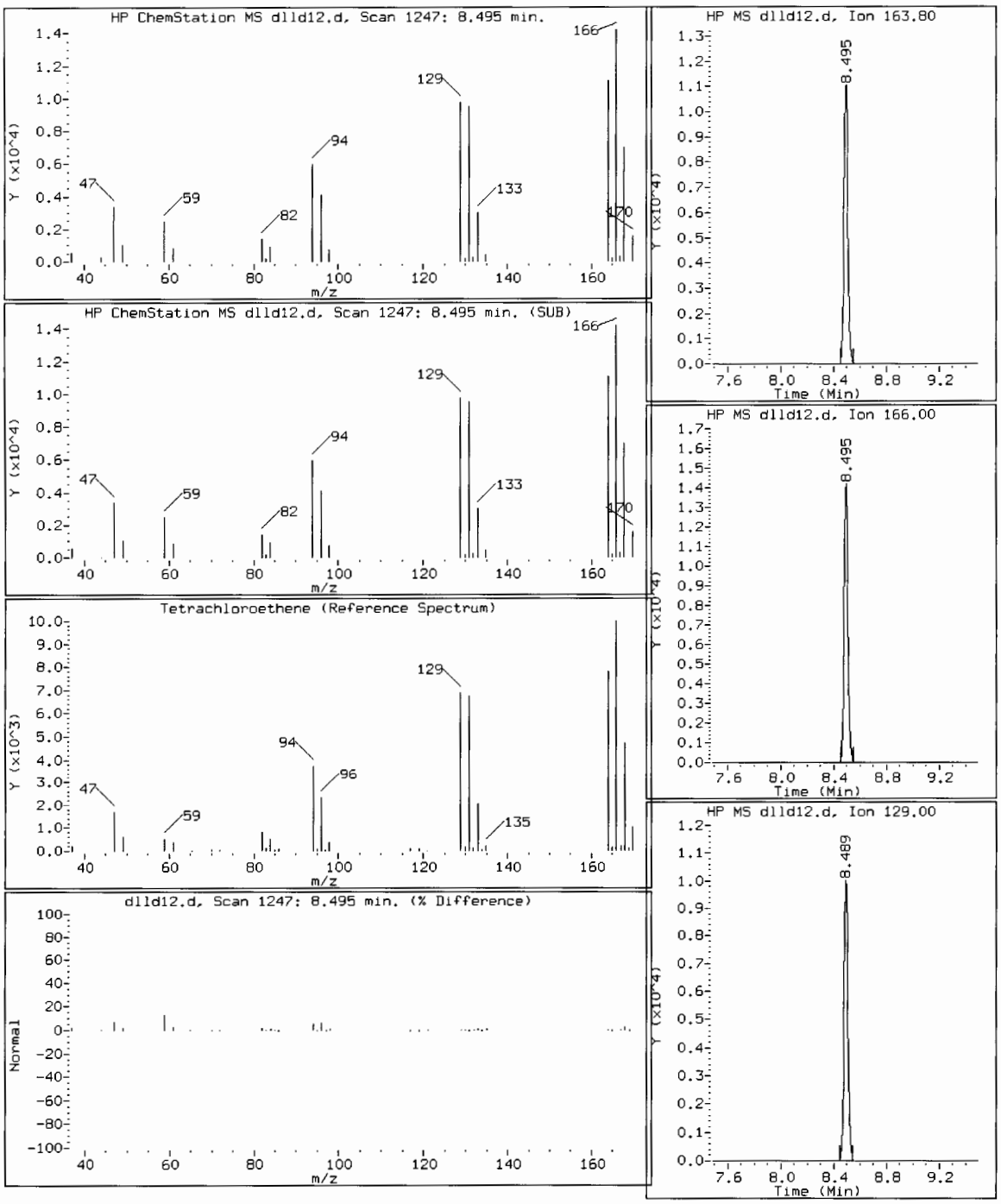
Data File: dlld12.d

Lab Sample ID: 200-22183-7 Date: 12-MAY-2014 17:44

Client ID: MW-20D_050214DL Instrument: D.i

Sample Info: 200-22183-C-7 Operator: JSW

45 Tetrachloroethene



Data File: d11d12.d

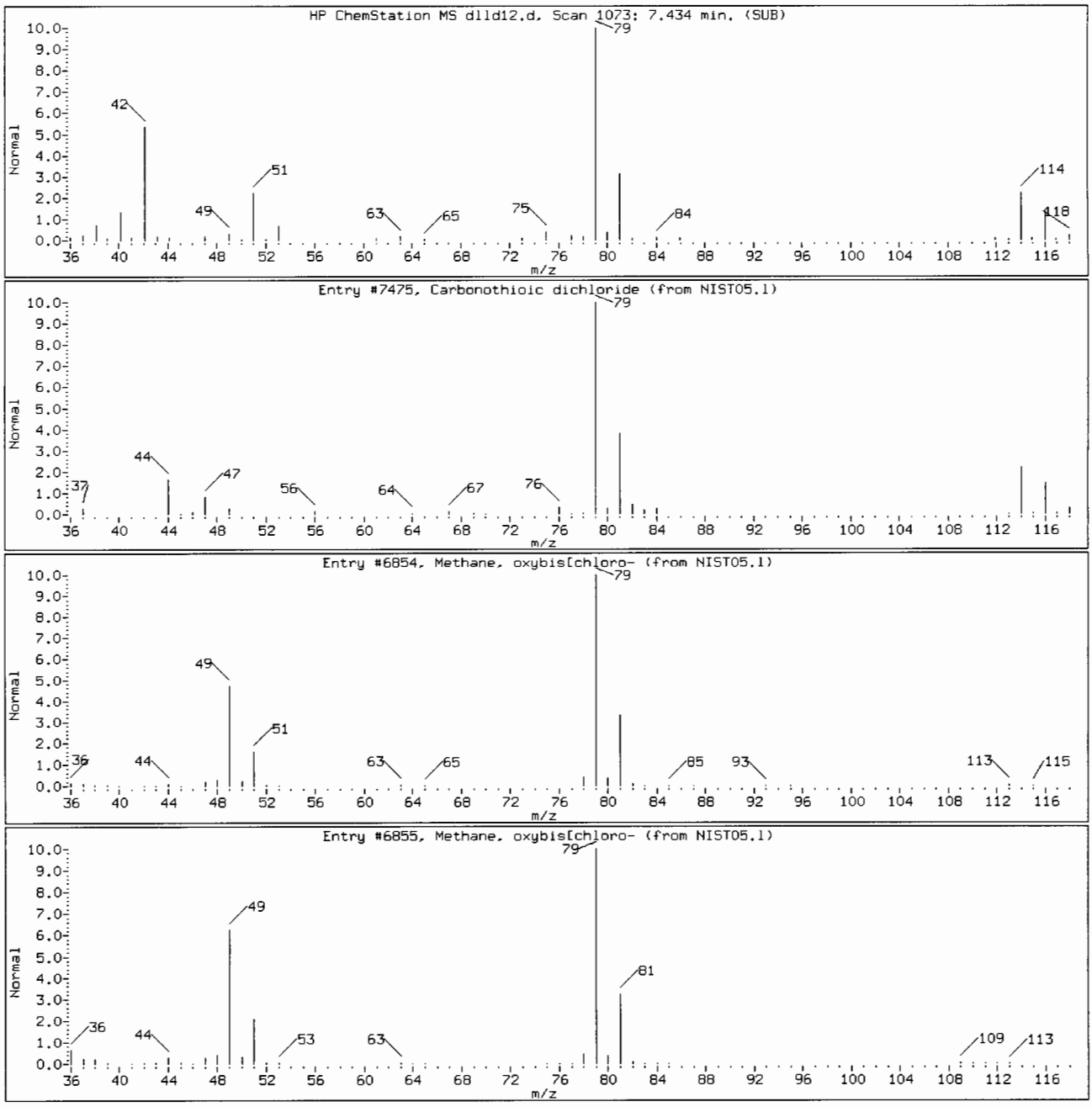
Lab Sample ID: 200-22183-7 Date: 12-MAY-2014 17:44

Client ID: MW-20D_050214DL Instrument: D.i

Sample Info: 200-22183-C-7 Operator: JSW

Retention Time: 7.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Carbonothioic dichloride	463-71-8	NIST05.1	7475	52	CCl2S	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6854	37	C2H4Cl2O	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6855	25	C2H4Cl2O	114



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington
Job No.: 200-22132-1
SDG No.: 200-22132
Client Sample ID: MW-15S_050214
Lab Sample ID: 200-22183-8
Matrix: Water
Lab File ID: dlld14.d
Analysis Method: SOM01.2/VOA_Tr
Date Collected: 05/02/2014 08:03
Sample wt/vol: 25(mL)
Date Analyzed: 05/12/2014 18:34
Soil Aliquot Vol:
Dilution Factor: 7.6
Soil Extract Vol.:
GC Column: DB-624 ID: 0.2(mm)
% Moisture:
Level: (low/med) Trace
Analysis Batch No.: 72030
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	3.8	U	3.8	0.56
74-87-3	Chloromethane	3.8	U	3.8	0.47
75-01-4	Vinyl chloride	3.8	U	3.8	0.51
74-83-9	Bromomethane	3.8	U	3.8	0.52
75-00-3	Chloroethane	3.8	U	3.8	0.71
75-69-4	Trichlorofluoromethane	3.3	J	3.8	0.75
75-35-4	*1,1-Dichloroethene*	*370*	*E*	*3.8*	*0.28*
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.8	U	3.8	0.29
67-64-1	Acetone	38	U	38	7.0
75-15-0	Carbon disulfide	3.8	U	3.8	0.38
79-20-9	Methyl acetate	3.8	U	3.8	1.1
75-09-2	Methylene chloride	3.8	U	3.8	0.53
156-60-5	trans-1,2-Dichloroethene	3.8	U	3.8	0.36
1634-04-4	Methyl tert-butyl ether	3.8	U	3.8	0.47
75-34-3	1,1-Dichloroethane	3.0	J	3.8	0.57
156-59-2	cis-1,2-Dichloroethene	41		3.8	0.40
78-93-3	2-Butanone	38	U	38	6.8
74-97-5	Bromochloromethane	3.8	U	3.8	0.55
67-66-3	Chloroform	3.8	U	3.8	0.62
71-55-6	1,1,1-Trichloroethane	93		3.8	0.59
110-82-7	Cyclohexane	3.8	U	3.8	0.50
56-23-5	Carbon tetrachloride	3.8	U	3.8	0.50
71-43-2	Benzene	3.8	U	3.8	0.49
107-06-2	1,2-Dichloroethane	3.8	U	3.8	0.68
79-01-6	Trichloroethene	130		3.8	0.61
108-87-2	Methylcyclohexane	3.8	U	3.8	0.59
78-87-5	1,2-Dichloropropane	3.8	U	3.8	0.53
75-27-4	Bromodichloromethane	3.8	U	3.8	0.46
10061-01-5	cis-1,3-Dichloropropene	3.8	U	3.8	0.46
108-10-1	4-Methyl-2-pentanone	38	U	38	6.2
108-88-3	Toluene	0.60	J	3.8	0.52
10061-02-6	trans-1,3-Dichloropropene	3.8	U	3.8	1.7
79-00-5	1,1,2-Trichloroethane	3.8	U	3.8	0.66
127-18-4	Tetrachloroethene	4.4		3.8	0.59
591-78-6	2-Hexanone	38	U	38	7.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-15S_050214 | Lab Sample ID: 200-22183-8

Matrix: Water | Lab File ID: d11d14.d

Analysis Method: SOM01.2/VOA_Tr | Date Collected: 05/02/2014 08:03

Sample wt/vol: 25(mL) | Date Analyzed: 05/12/2014 18:34

Soil Aliquot Vol: | Dilution Factor: 7.6

Soil Extract Vol.: | GC Column: DB-624 ID: 0.2(mm)

% Moisture: | Level: (low/med) Trace

Analysis Batch No.: 72030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	3.8	U	3.8	0.51
106-93-4	1,2-Dibromoethane	3.8	U	3.8	0.44
108-90-7	Chlorobenzene	3.8	U	3.8	0.48
100-41-4	Ethylbenzene	3.8	U	3.8	0.45
95-47-6	o-Xylene	3.8	U	3.8	0.49
179601-23-1	m,p-Xylene	3.8	U	3.8	0.52
100-42-5	Styrene	3.8	U	3.8	0.46
75-25-2	Bromoform	3.8	U	3.8	0.63
98-82-8	Isopropylbenzene	3.8	U	3.8	0.44
79-34-5	1,1,2,2-Tetrachloroethane	3.8	U	3.8	0.69
541-73-1	1,3-Dichlorobenzene	3.8	U	3.8	0.49
106-46-7	1,4-Dichlorobenzene	3.8	U	3.8	0.45
95-50-1	1,2-Dichlorobenzene	3.8	U	3.8	0.55
96-12-8	1,2-Dibromo-3-chloropropane	3.8	U	3.8	1.2
120-82-1	1,2,4-Trichlorobenzene	3.8	U	3.8	0.50
87-61-6	1,2,3-Trichlorobenzene	3.8	U	3.8	0.69

CAS NO.	SURROGATE	%REC	Q	LIMITS
6745-35-3	Vinyl chloride-d3	117		65-131
19199-91-8	Chloroethane-d5	123		71-131
22280-73-5	1,1-Dichloroethene-d2	355	X	55-104
24313-50-6	2-Butanone-d5	109		49-155
865-49-6	Chloroform-d	109		78-121
17060-07-0	1,2-Dichloroethane-d4	128		78-129
1076-43-3	Benzene-d6	106		77-124
93952-08-0	1,2-Dichloropropane-d6	93		79-124
2037-26-5	Toluene-d8	104		77-121
93951-86-1	trans-1,3-Dichloropropene-d4	100		73-121
4840-82-8	2-Hexanone-d5	104		28-135
33685-54-0	1,1,2,2-Tetrachloroethane-d2	97		73-125
2199-69-1	1,2-Dichlorobenzene-d4	95		80-131

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-15S_050214 Lab Sample ID: 200-22183-8

Matrix: Water Lab File ID: dlld14.d

Analysis Method: SOM01.2/VOA_Tr Date Collected: 05/02/2014 08:03

Sample wt/vol: 25(mL) Date Analyzed: 05/12/2014 18:34

Soil Aliquot Vol: Dilution Factor: 7.6

Soil Extract Vol.: GC Column: DB-624 ID: 0.2(mm)

% Moisture: Level: (low/med) Trace

Analysis Batch No.: 72030 Units: ug/L

Number TICs Found: 2 TIC Result Total: 29.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	7.43	24	J B
	Unknown	11.17	5.3	J

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-15S_050214 Lab Sample ID: 200-22183-8

Matrix: Water Lab File ID: dlld14.d

Analysis Method: SOM01.2/VOA_Tr Date Collected: 05/02/2014 08:03

Sample wt/vol: 25(mL) Date Analyzed: 05/12/2014 18:34

Soil Aliquot Vol: Dilution Factor: 7.6

Soil Extract Vol.: GC Column: DB-624 ID: 0.2(mm)

% Moisture: Level: (low/med) Trace

Analysis Batch No.: 72030 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Total Alkanes			

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-8
Client Smp ID: MW-15S_050214DL
Inj Date : 12-MAY-2014 18:34
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-B-8
Misc Info : 7.6,5
Comment :
Method : /chem/D.i/Dsvr.p/dlldsmtr.b/somtr5t.m
Meth Date : 13-May-2014 11:31 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 14
Dil Factor: 7.60000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	7.60000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
$	3 Vinyl chloride-d3	65	1.777	1.771	(0.291)	98352	146.369	5.9
	4 Vinyl chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.137	2.131	(0.350)	78247	153.828	6.2
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	2.380	2.374	(0.390)	13430	10.9811	3.3(a)
$	9 1,1-Dichloroethene-d2	63	2.850	2.838	(0.467)	613223	444.354	18(R)
	10 1,1-Dichloroethene	96	2.856	2.850	(0.468)	773086	1205.41	370(AQ)
	11 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	12 Acetone	43	Compound Not Detected.					
	13 Carbon disulfide	76	Compound Not Detected.					
	14 Methyl acetate	43	Compound Not Detected.					
	15 Methylene chloride	84	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	16 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	17 Methyl tert-butyl ether	73	Compound Not Detected.					
	18 1,1-Dichloroethane	63	4.057	4.057	(0.664)	11994	9.85192	3.0(a)
$	19 2-Butanone-d5	46	4.679	4.703	(0.766)	103593	1359.28	54
	20 cis-1,2-Dichloroethene	96	4.703	4.697	(0.770)	87327	133.829	41
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.032	5.026	(0.824)	157937	135.745	5.4
	24 Chloroform	83	Compound Not Detected.					
	25 1,1,1-Trichloroethane	97	5.258	5.252	(0.555)	366531	306.474	93
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	5.612	5.612	(0.919)	65875	160.081	6.4
$	29 Benzene-d6	84	5.630	5.630	(0.594)	357243	132.002	5.3
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	6.105	6.099	(1.000)	291699	125.000	
	33 Trichloroethene	95	6.392	6.392	(0.674)	301864	412.354	130
$	34 1,2-Dichloropropane-d6	67	6.550	6.550	(0.691)	88390	116.667	4.7
	35 Methylcyclohexane	55	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
	38 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	39 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	40 Toluene-d8	98	7.782	7.782	(0.821)	349349	130.369	5.2
	41 Toluene	91	7.861	7.861	(0.830)	6013	1.97963	0.60(a)
$	42 trans-1,3-Dichloropropene-d4	79	8.087	8.087	(0.853)	69492	125.492	5.0
	43 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	44 1,1,2-Trichloroethane	97	Compound Not Detected.					
	45 Tetrachloroethene	164	8.495	8.489	(0.896)	10546	14.3542	4.4
$	46 2-Hexanone-d5	63	8.599	8.599	(0.907)	81436	1294.83	52(Q)
	47 2-Hexanone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
	49 1,2-Dibromoethane	107	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	9.477	9.477	(1.000)	231625	125.000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	Compound Not Detected.					
	53 m,p-Xylene	106	Compound Not Detected.					
	55 o-Xylene	106	Compound Not Detected.					
	54 Styrene	104	Compound Not Detected.					
	56 Bromoform	172	Compound Not Detected.					
	57 Isopropylbenzene	105	Compound Not Detected.					
$	58 1,1,2,2-Tetrachloroethane-d2	84	11.056	11.050	(1.167)	31596	121.126	4.8
	59 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	60 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	61 1,4-Dichlorobenzene-d4	152	12.293	12.293	(1.000)	113834	125.000	
	62 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$ 63 1,2-Dichlorobenzene-d4	152	12.720	12.720	(1.035)	97035	119.077	4.8
64 1,2-Dichlorobenzene	146	Compound Not Detected.					
65 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
66 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
67 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-8
Client Smp ID: MW-15S_050214DL
Inj Date : 12-MAY-2014 18:34
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-B-8
Misc Info : 7.6,5
Comment :
Method : /chem/D.i/Dsvr.p/dlldsmtr.b/somtr5t.m
Meth Date : 13-May-2014 11:31 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 14
Dil Factor: 7.60000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	7.60000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

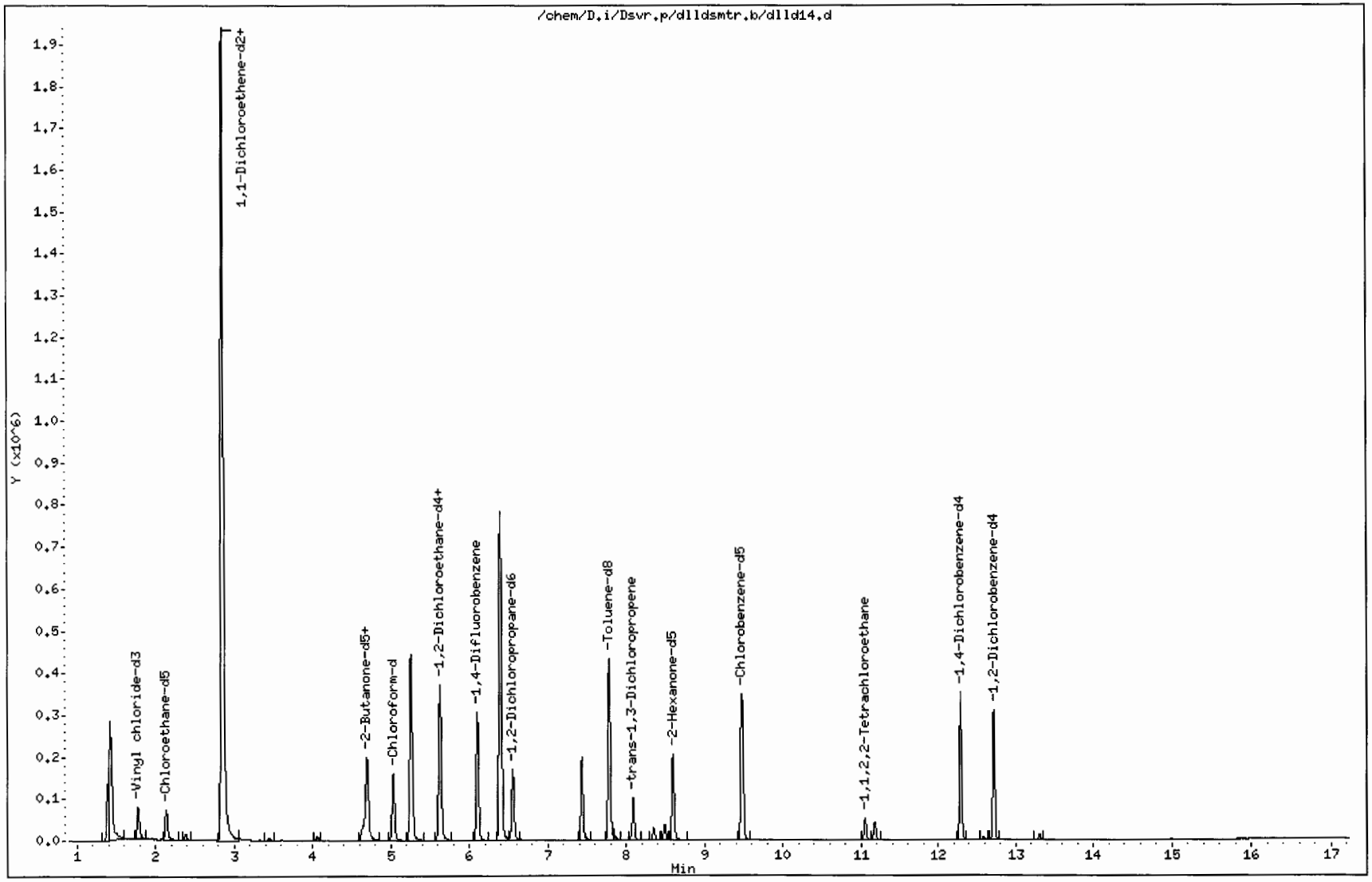
Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 32 1,4-Difluorobenzene	6.105	677921	125.000
* 61 1,4-Dichlorobenzene-d4	12.293	667582	125.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
7.434	419684	77.3843537	24	0		0	32
Unknown				CAS #:			
11.171	93977	17.5965956	5.3	0		0	61

Data File: /chem/D.i/Dsvr.p/dlldsmtr.b/dlld14.d
Date : 12-MAY-2014 18:34
Client ID: MW-15S_050214DL
Sample Info: 200-22183-B-8
Purge Volume: 25.0
Column phase: DB-624

Instrument: D.i
Operator: JSW
Column diameter: 0.20



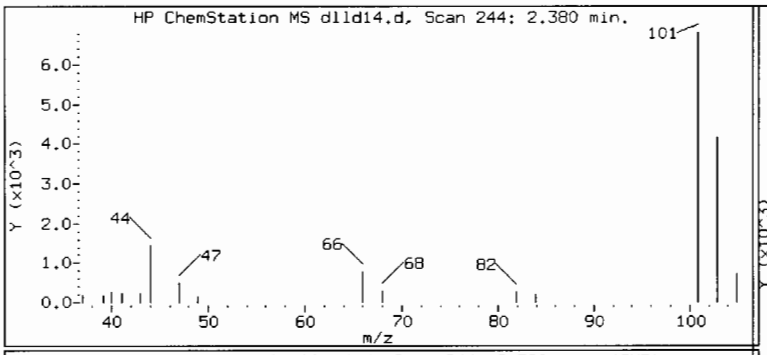
Data File: dlld14.d

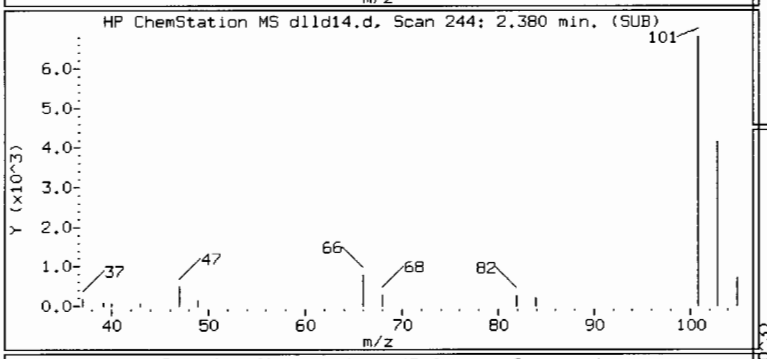
Lab Sample ID: 200-22183-8 Date: 12-MAY-2014 18:34

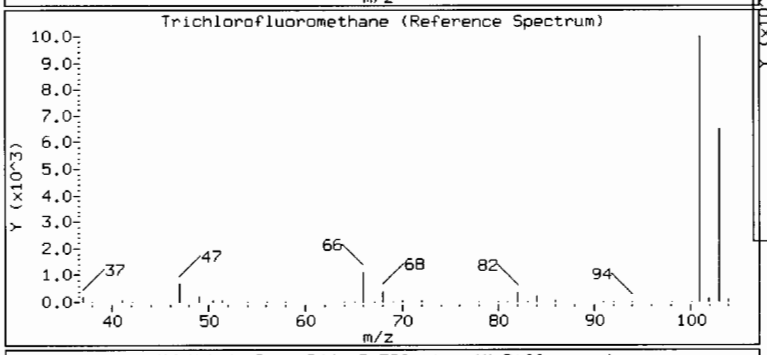
Client ID: MW-15S_050214DL Instrument: D.i

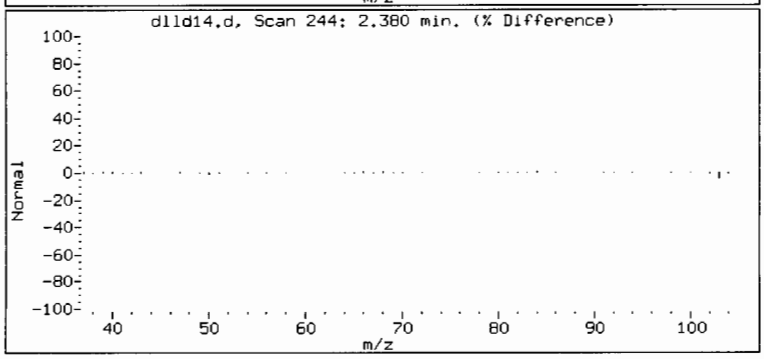
Sample Info: 200-22183-B-8 Operator: JSW

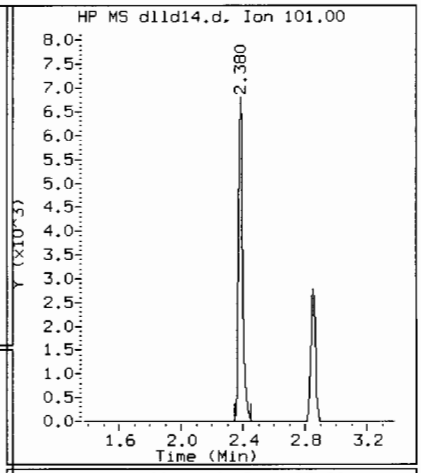
8 Trichlorofluoromethane

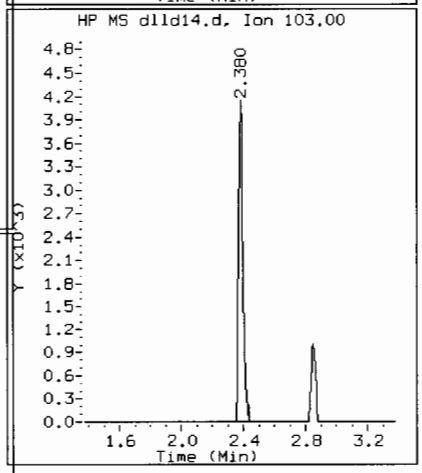












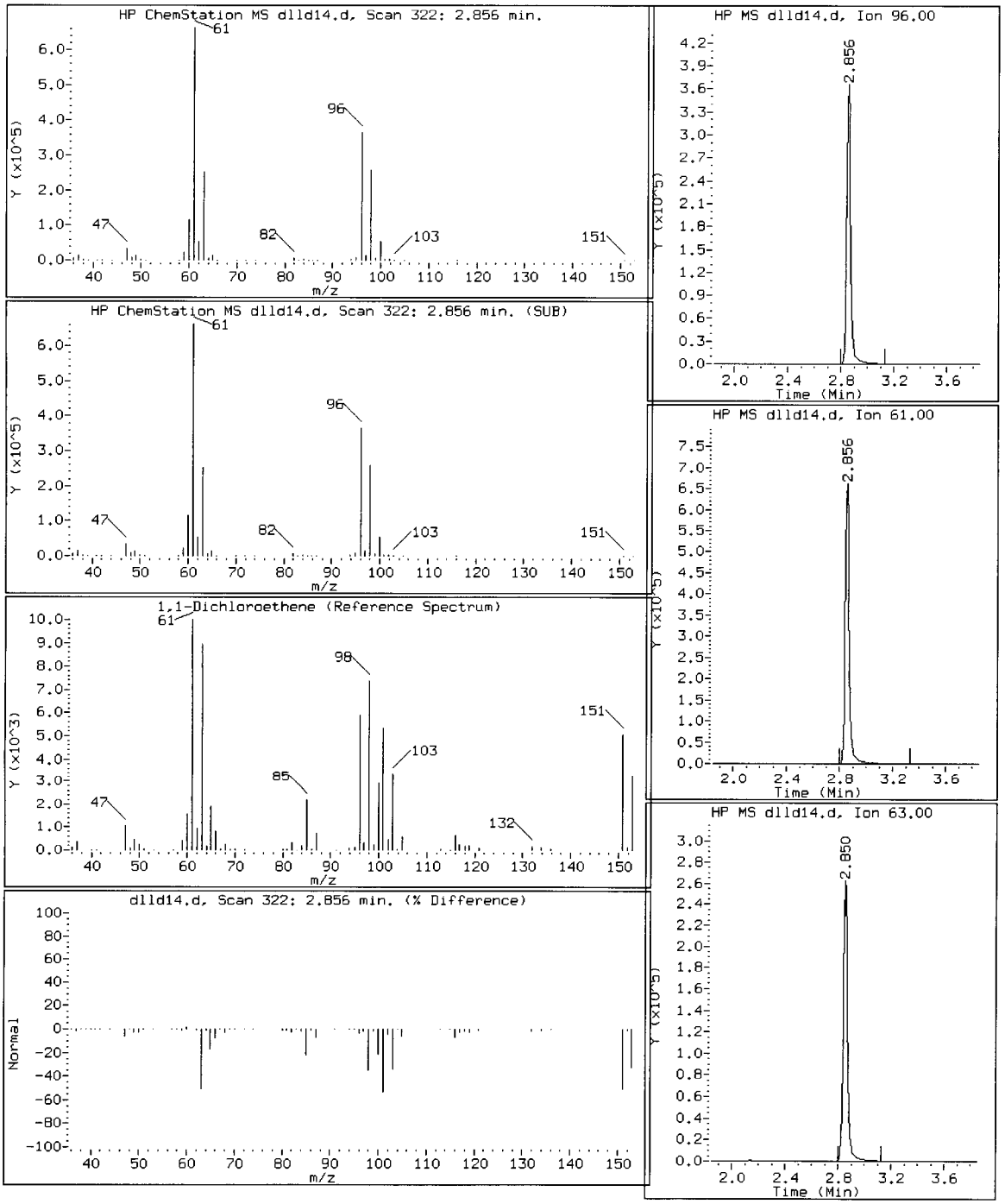
Data File: dlld14.d

Lab Sample ID: 200-22183-8 Date: 12-MAY-2014 18:34

Client ID: MW-15S_050214DL Instrument: D.i

Sample Info: 200-22183-B-8 Operator: JSW

10 1,1-Dichloroethene



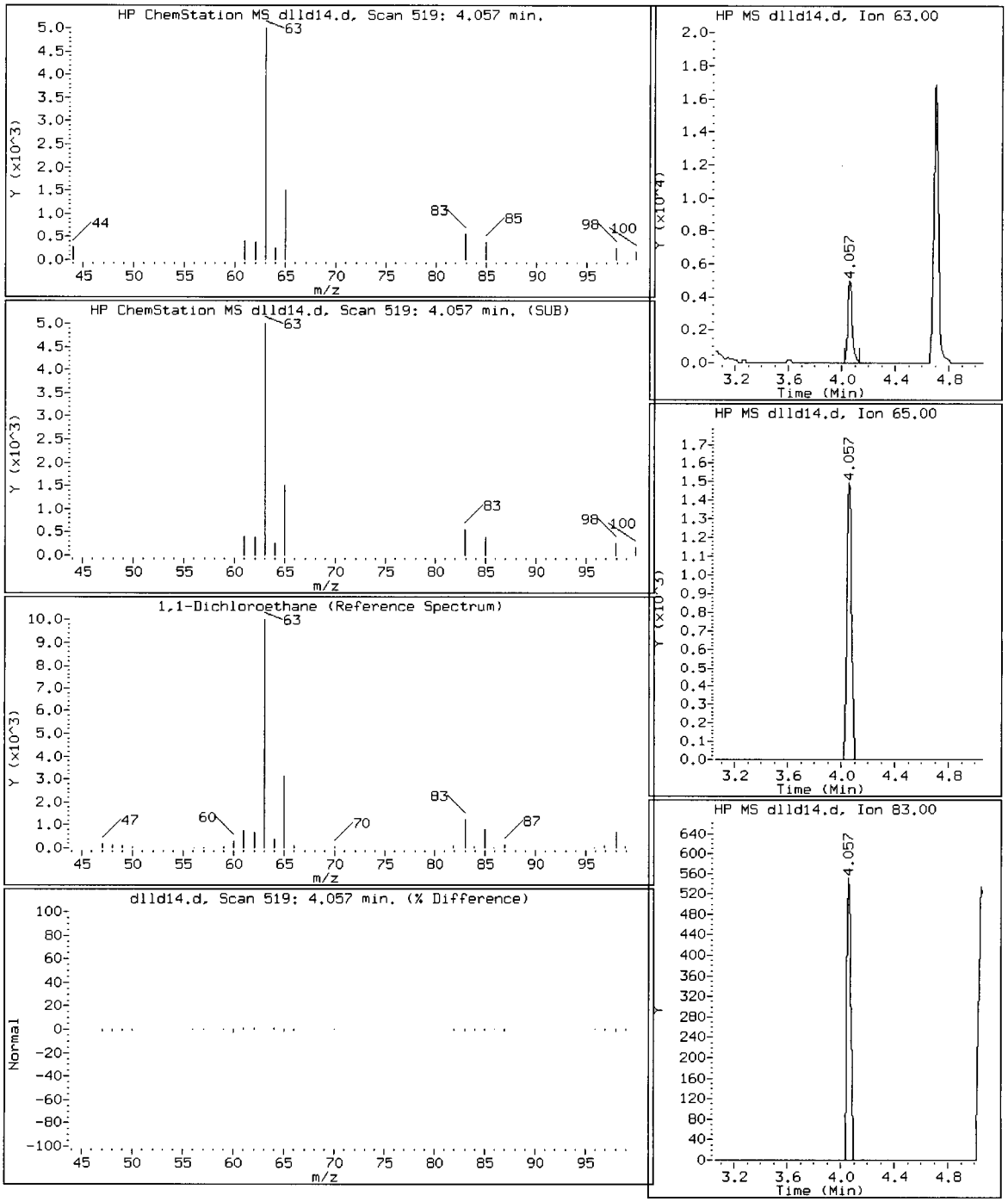
Data File: dlld14.d

Lab Sample ID: 200-22183-8 Date: 12-MAY-2014 18:34

Client ID: MW-15S_050214DL Instrument: D.i

Sample Info: 200-22183-B-8 Operator: JSW

18 1,1-Dichloroethane



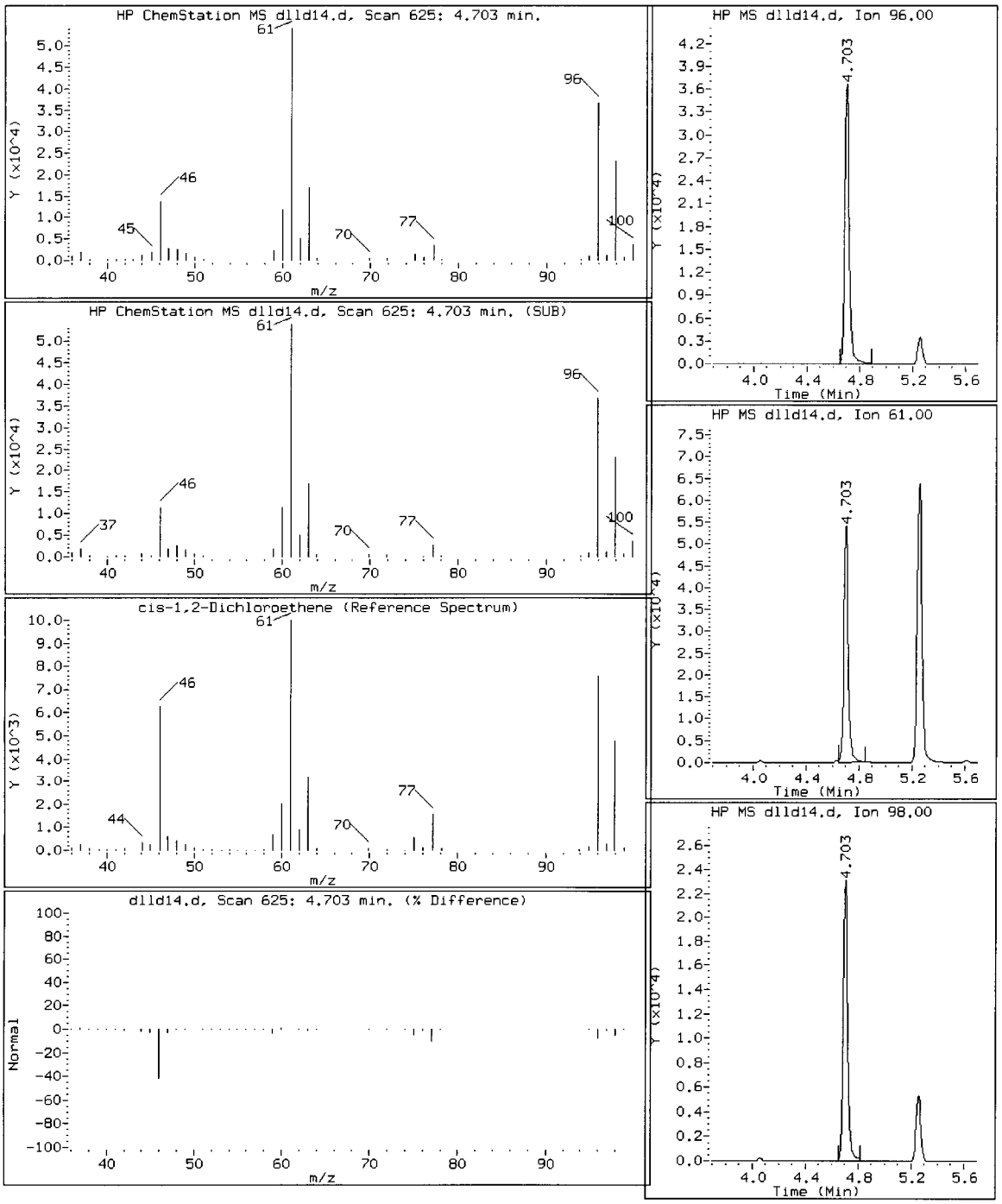
Data File: dlld14.d

Lab Sample ID: 200-22183-8 Date: 12-MAY-2014 18:34

Client ID: MW-15S_050214DL Instrument: D.i

Sample Info: 200-22183-B-8 Operator: JSW

20 cis-1,2-Dichloroethene



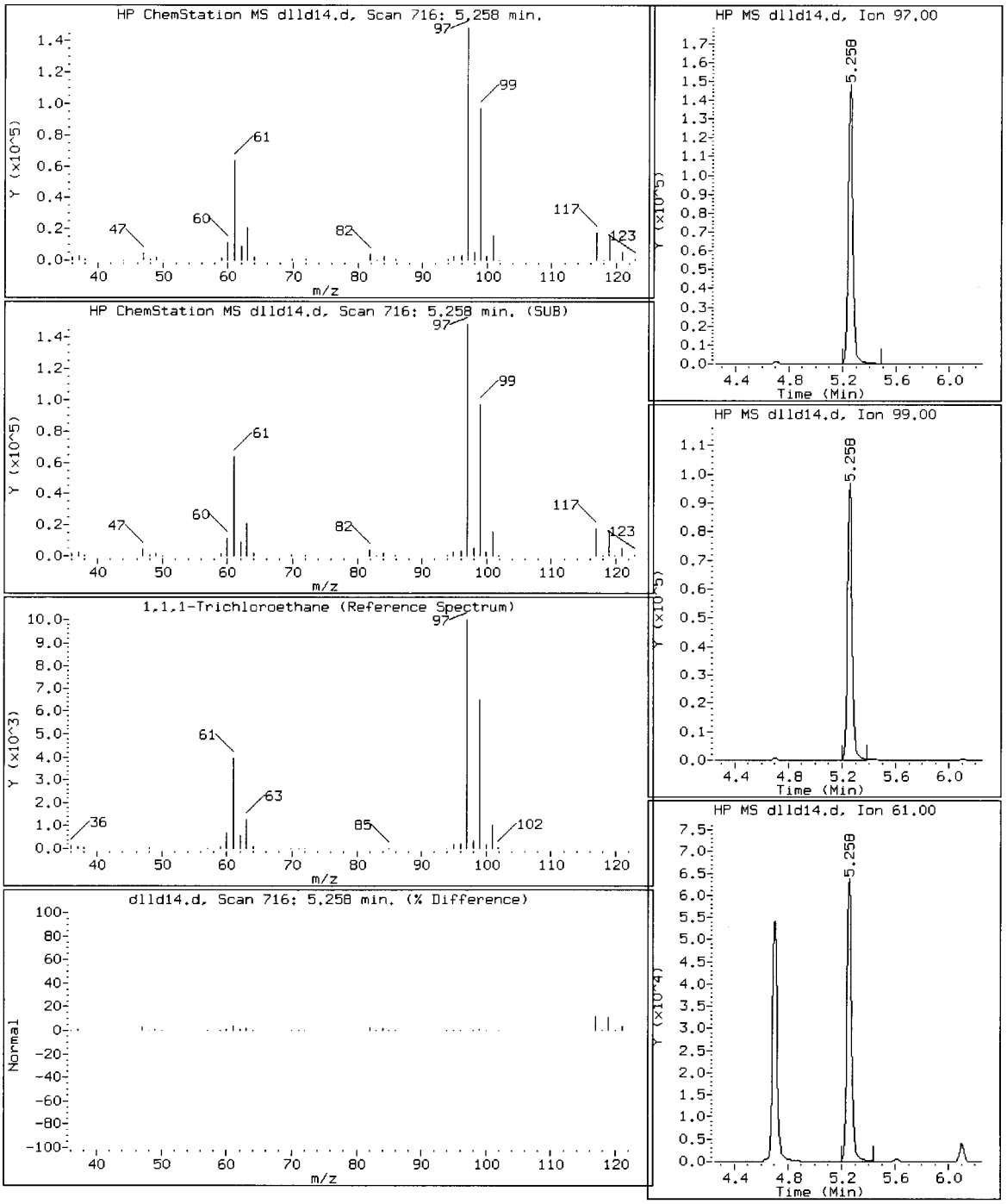
Data File: dlld14.d

Lab Sample ID: 200-22183-8 Date: 12-MAY-2014 18:34

Client ID: MW-15S_050214DL Instrument: D.i

Sample Info: 200-22183-B-8 Operator: JSW

25 1,1,1-Trichloroethane



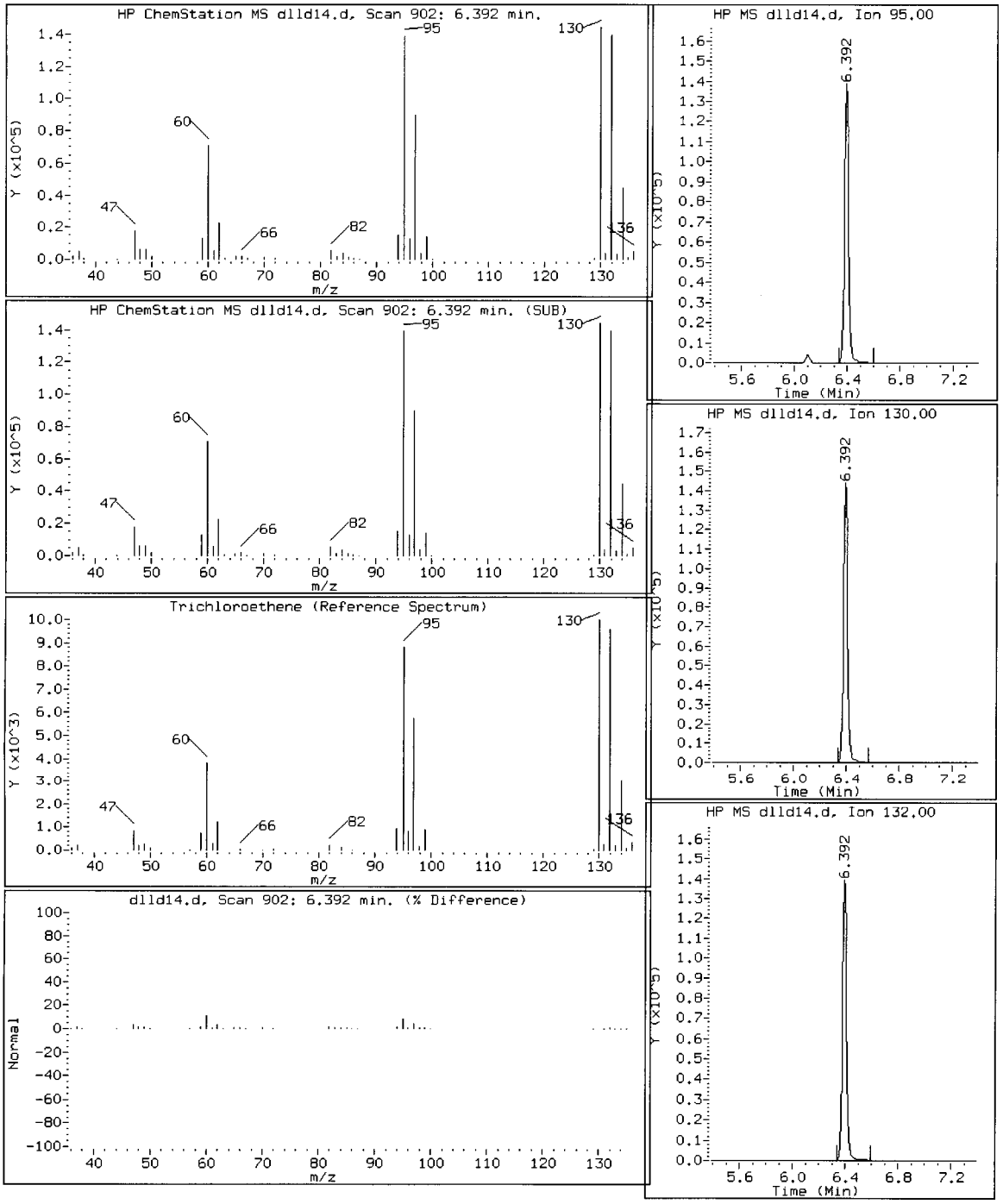
Data File: dlld14.d

Lab Sample ID: 200-22183-8 Date: 12-MAY-2014 18:34

Client ID: MW-15S_050214DL Instrument: D.i

Sample Info: 200-22183-B-8 Operator: JSW

33 Trichloroethene



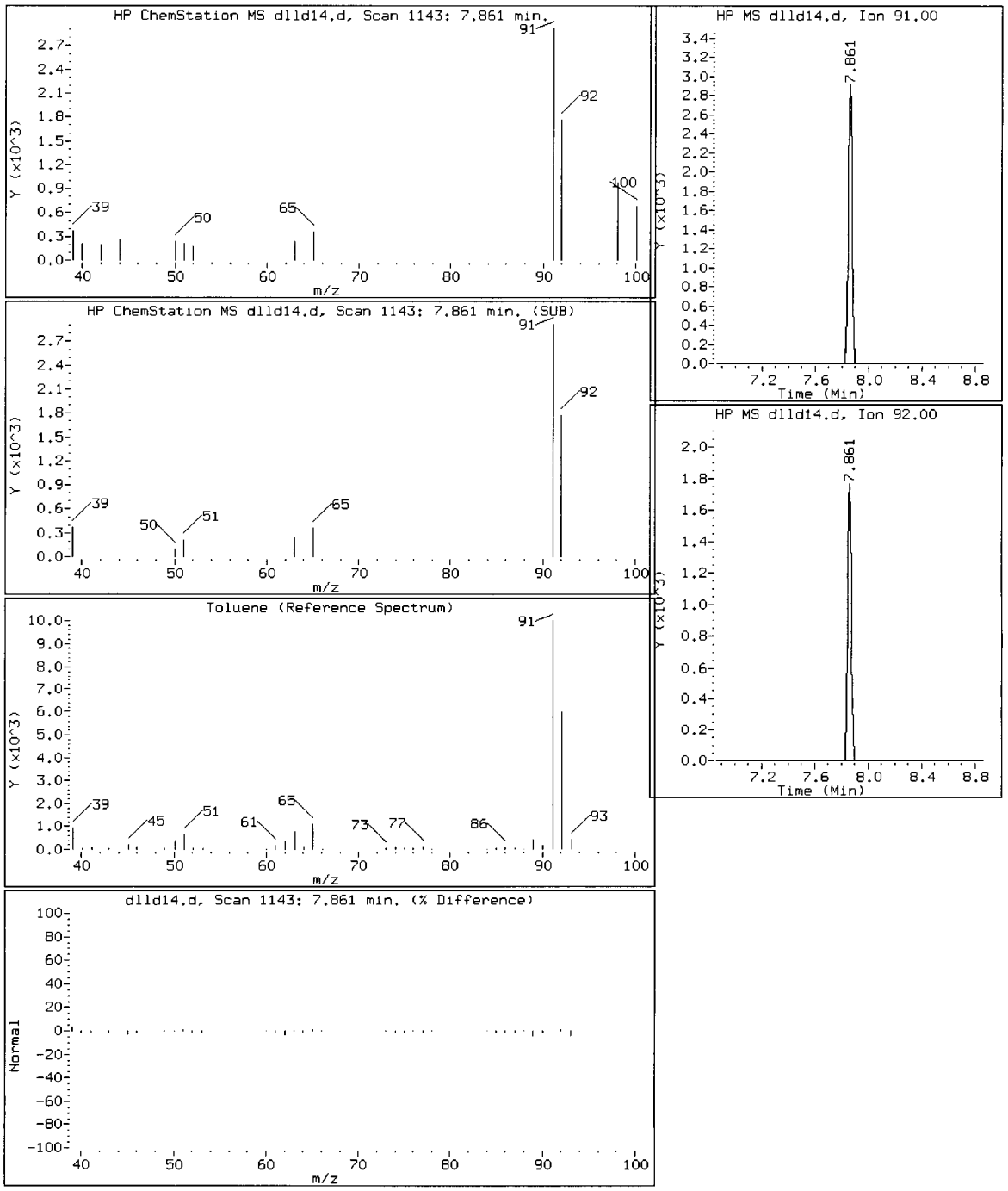
Data File: dlld14.d

Lab Sample ID: 200-22183-8 Date: 12-MAY-2014 18:34

Client ID: MW-15S_050214DL Instrument: D.i

Sample Info: 200-22183-B-8 Operator: JSW

41 Toluene



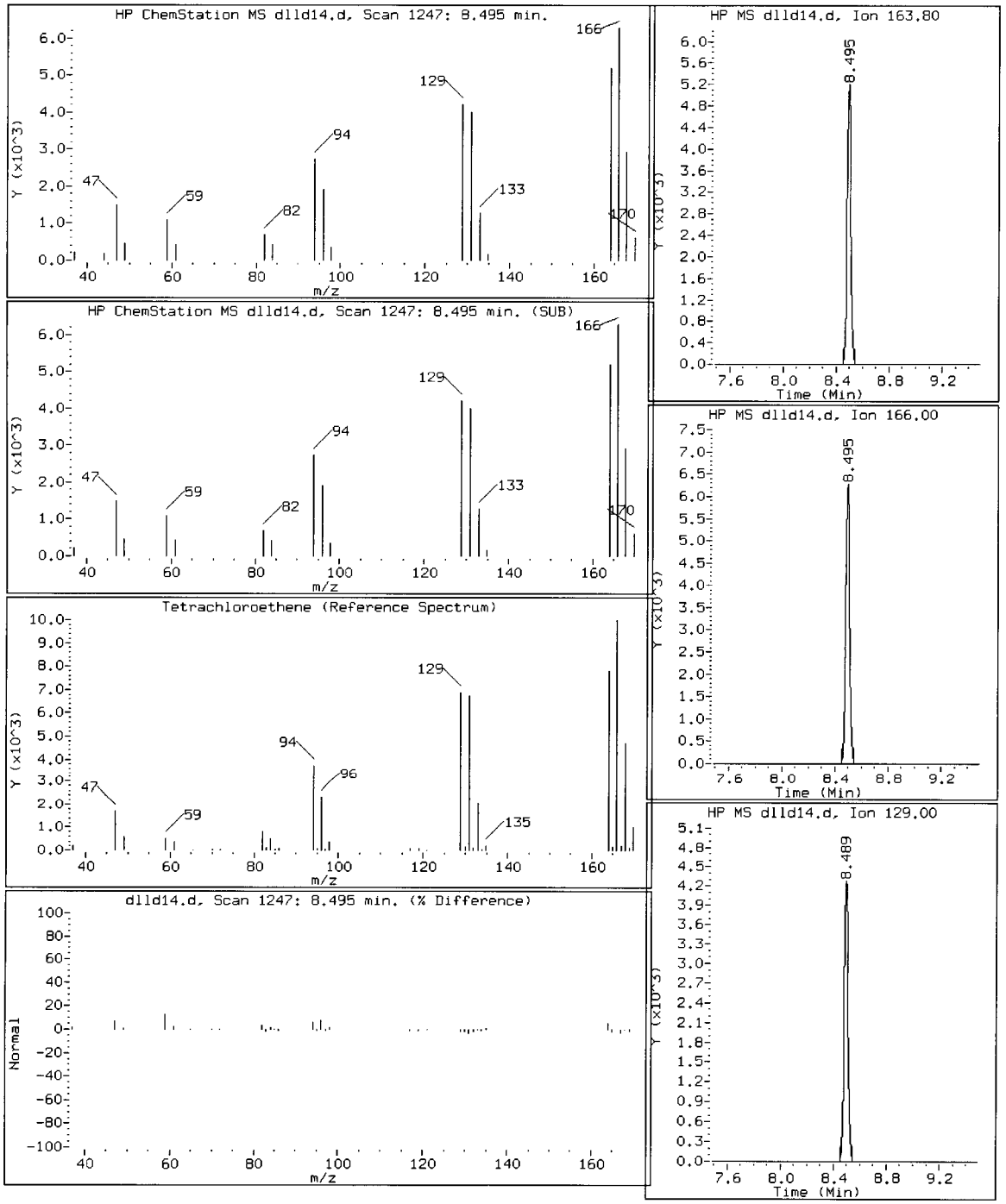
Data File: dlld14.d

Lab Sample ID: 200-22183-8 Date: 12-MAY-2014 18:34

Client ID: MW-15S_050214DL Instrument: D.i

Sample Info: 200-22183-B-8 Operator: JSW

45 Tetrachloroethene



Data File: dlld14.d

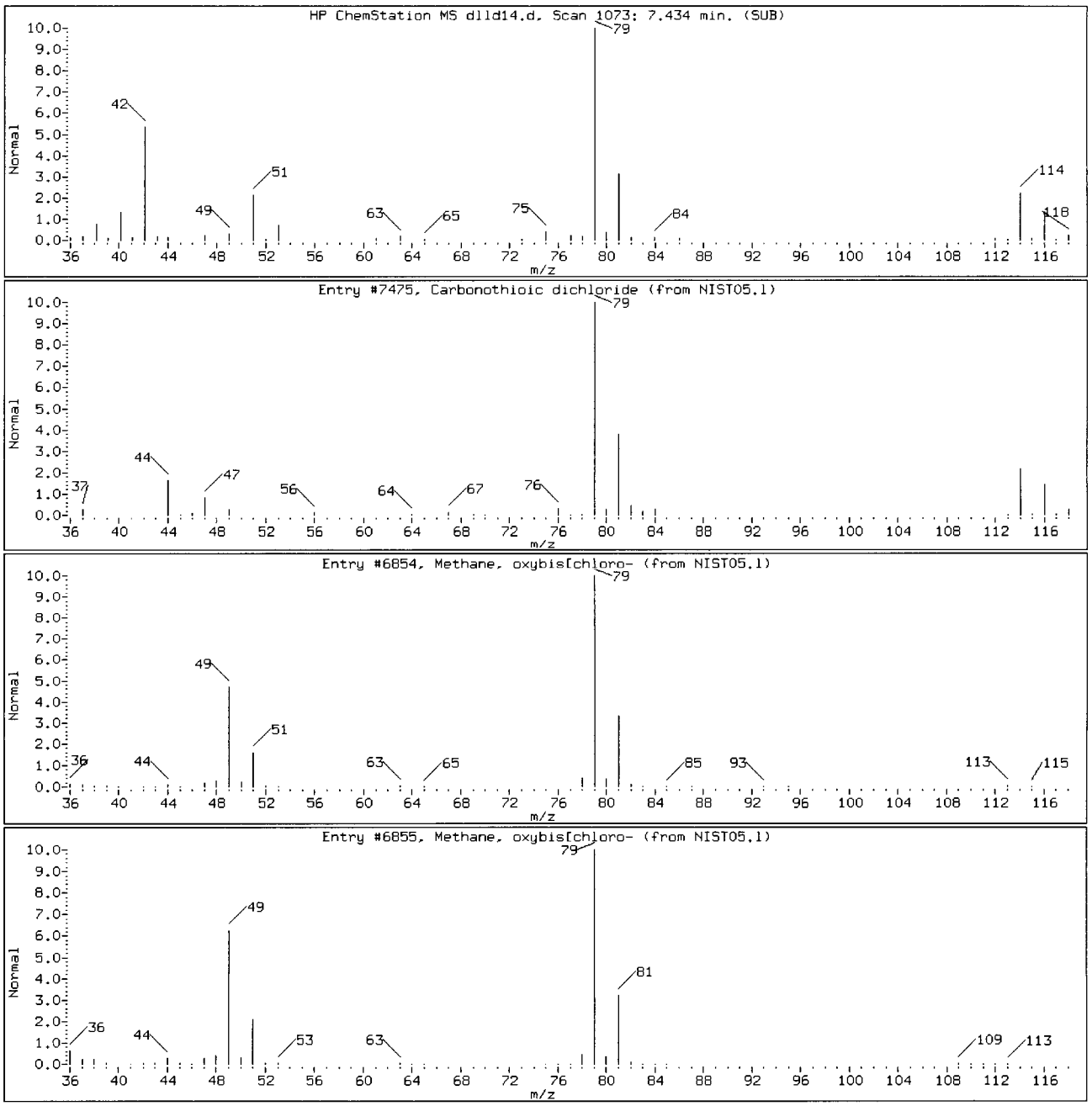
Lab Sample ID: 200-22183-8 Date: 12-MAY-2014 18:34

Client ID: MW-15S_050214DL Instrument: D.i

Sample Info: 200-22183-B-8 Operator: JSW

Retention Time: 7.43

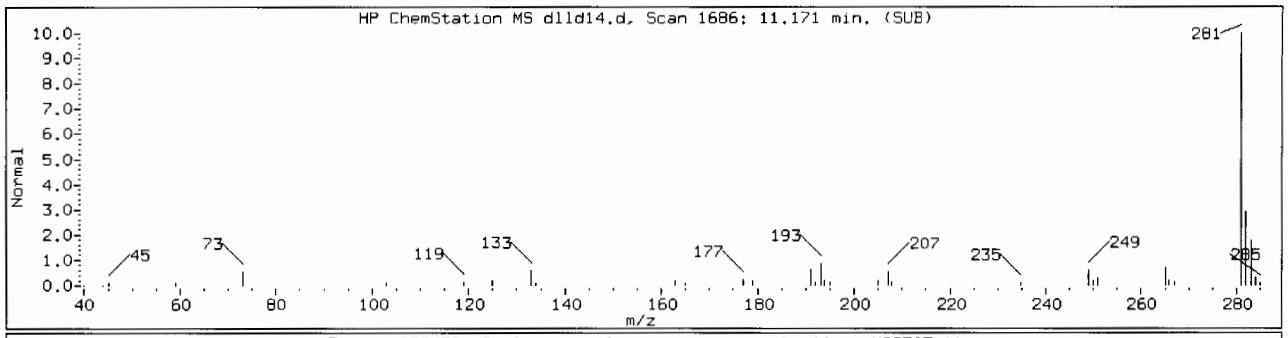
Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Carbonothioic dichloride	463-71-8	NIST05.1	7475	52	CCl2S	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6854	37	C2H4Cl2O	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6855	25	C2H4Cl2O	114

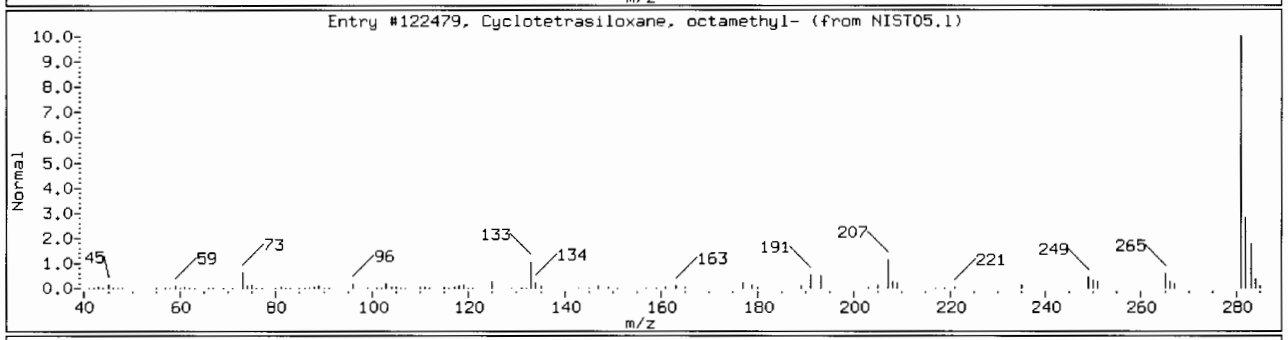


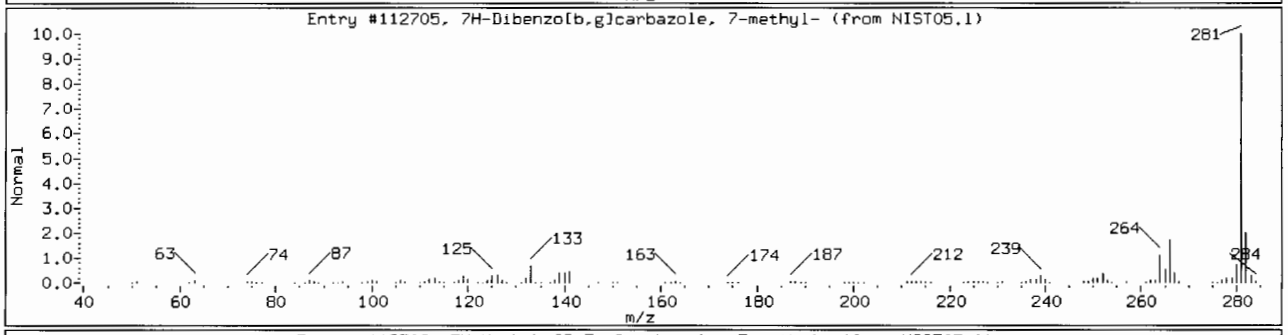
Data File: d11d14.d
Lab Sample ID: 200-22183-8 Date: 12-MAY-2014 18:34
Client ID: MW-15S_050214DL Instrument: D.i
Sample Info: 200-22183-B-8 Operator: JSW

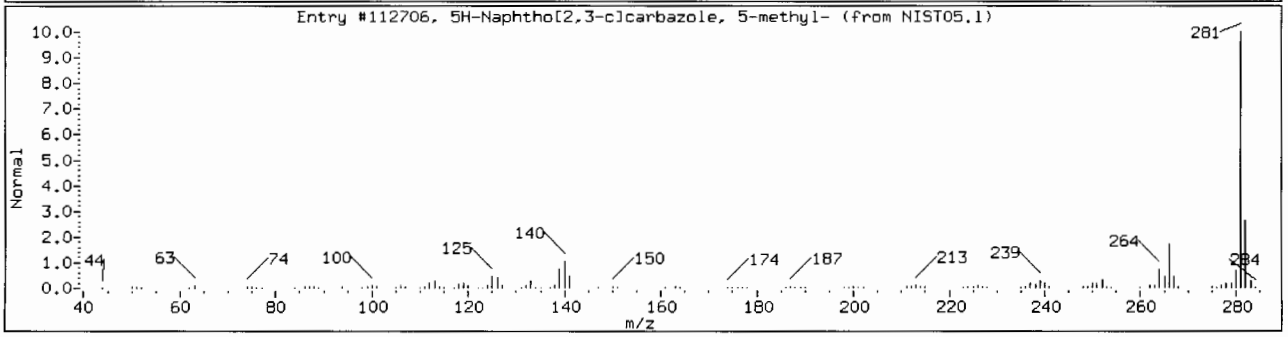
Retention Time: 11.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST05.1	122479	78	C8H24O4Si4	296
7H-Dibenzo[b,g]carbazole, 7-methyl	3557-49-1	NIST05.1	112705	59	C21H15N	281
5H-Naphtho[2,3-c]carbazole, 5-meth	100025-44-3	NIST05.1	112706	56	C21H15N	281









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington
Job No.: 200-22132-1
SDG No.: 200-22132
Client Sample ID: MW-15S_050214 DL
Lab Sample ID: 200-22183-8 DL
Matrix: Water
Lab File ID: dlle08.d
Analysis Method: SOM01.2/VOA_Tr
Date Collected: 05/02/2014 08:03
Sample wt/vol: 25(mL)
Date Analyzed: 05/13/2014 12:56
Soil Aliquot Vol:
Dilution Factor: 26
Soil Extract Vol.:
GC Column: DB-624 ID: 0.2(mm)
% Moisture:
Level: (low/med) Trace
Analysis Batch No.: 72092
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	13	U	13	1.9
74-87-3	Chloromethane	13	U	13	1.6
75-01-4	Vinyl chloride	13	U	13	1.7
74-83-9	Bromomethane	13	U	13	1.8
75-00-3	Chloroethane	13	U	13	2.4
75-69-4	Trichlorofluoromethane	3.1	J D	13	2.6
75-35-4	1,1-Dichloroethene	380	D	13	0.96
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U	13	0.99
67-64-1	Acetone	130	U	130	24
75-15-0	Carbon disulfide	13	U	13	1.3
79-20-9	Methyl acetate	13	U	13	3.6
75-09-2	Methylene chloride	13	U	13	1.8
156-60-5	trans-1,2-Dichloroethene	13	U	13	1.2
1634-04-4	Methyl tert-butyl ether	13	U	13	1.6
75-34-3	1,1-Dichloroethane	13	U	13	2.0
156-59-2	cis-1,2-Dichloroethene	45	D	13	1.4
78-93-3	2-Butanone	130	U	130	23
74-97-5	Bromochloromethane	13	U	13	1.9
67-66-3	Chloroform	13	U	13	2.1
71-55-6	1,1,1-Trichloroethane	97	D	13	2.0
110-82-7	Cyclohexane	13	U	13	1.7
56-23-5	Carbon tetrachloride	13	U	13	1.7
71-43-2	Benzene	13	U	13	1.7
107-06-2	1,2-Dichloroethane	13	U	13	2.3
79-01-6	Trichloroethene	130	D	13	2.1
108-87-2	Methylcyclohexane	13	U	13	2.0
78-87-5	1,2-Dichloropropane	13	U	13	1.8
75-27-4	Bromodichloromethane	13	U	13	1.6
10061-01-5	cis-1,3-Dichloropropene	13	U	13	1.6
108-10-1	4-Methyl-2-pentanone	130	U	130	21
108-88-3	Toluene	13	U	13	1.8
10061-02-6	trans-1,3-Dichloropropene	13	U	13	5.7
79-00-5	1,1,2-Trichloroethane	13	U	13	2.3
127-18-4	Tetrachloroethene	4.4	J D	13	2.0
591-78-6	2-Hexanone	130	U	130	25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-15S_050214 DL | Lab Sample ID: 200-22183-8 DL

Matrix: Water | Lab File ID: dlle08.d

Analysis Method: SOM01.2/VOA_Tr | Date Collected: 05/02/2014 08:03

Sample wt/vol: 25(mL) | Date Analyzed: 05/13/2014 12:56

Soil Aliquot Vol: | Dilution Factor: 26

Soil Extract Vol.: | GC Column: DB-624 ID: 0.2(mm)

% Moisture: | Level: (low/med) Trace

Analysis Batch No.: 72092 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	13	U	13	1.7
106-93-4	1,2-Dibromoethane	13	U	13	1.5
108-90-7	Chlorobenzene	13	U	13	1.6
100-41-4	Ethylbenzene	13	U	13	1.5
95-47-6	o-Xylene	13	U	13	1.7
179601-23-1	m,p-Xylene	13	U	13	1.8
100-42-5	Styrene	13	U	13	1.6
75-25-2	Bromoform	13	U	13	2.2
98-82-8	Isopropylbenzene	13	U	13	1.5
79-34-5	1,1,2,2-Tetrachloroethane	13	U	13	2.4
541-73-1	1,3-Dichlorobenzene	13	U	13	1.7
106-46-7	1,4-Dichlorobenzene	13	U	13	1.5
95-50-1	1,2-Dichlorobenzene	13	U	13	1.9
96-12-8	1,2-Dibromo-3-chloropropane	13	U	13	4.2
120-82-1	1,2,4-Trichlorobenzene	13	U	13	1.7
87-61-6	1,2,3-Trichlorobenzene	13	U	13	2.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
6745-35-3	Vinyl chloride-d3	118	D	65-131
19199-91-8	Chloroethane-d5	122	D	71-131
22280-73-5	1,1-Dichloroethene-d2	177	D X	55-104
24313-50-6	2-Butanone-d5	109	D	49-155
865-49-6	Chloroform-d	110	D	78-121
17060-07-0	1,2-Dichloroethane-d4	134	D X	78-129
1076-43-3	Benzene-d6	102	D	77-124
93952-08-0	1,2-Dichloropropane-d6	90	D	79-124
2037-26-5	Toluene-d8	101	D	77-121
93951-86-1	trans-1,3-Dichloropropene-d4	102	D	73-121
4840-82-8	2-Hexanone-d5	103	D	28-135
33685-54-0	1,1,2,2-Tetrachloroethane-d2	97	D	73-125
2199-69-1	1,2-Dichlorobenzene-d4	92	D	80-131

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-15S_050214 DL Lab Sample ID: 200-22183-8 DL

Matrix: Water Lab File ID: dl1e08.d

Analysis Method: SOM01.2/VOA_Tr Date Collected: 05/02/2014 08:03

Sample wt/vol: 25(mL) Date Analyzed: 05/13/2014 12:56

Soil Aliquot Vol: Dilution Factor: 26

Soil Extract Vol.: GC Column: DB-624 ID: 0.2(mm)

% Moisture: Level: (low/med) Trace

Analysis Batch No.: 72092 Units: ug/L

Number TICs Found: 3 TIC Result Total: 115

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	7.43	81	B D J
	Unknown	8.35	14	D J
	Unknown	11.17	20	D J

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-15S_050214 DL Lab Sample ID: 200-22183-8 DL

Matrix: Water Lab File ID: dlle08.d

Analysis Method: SOM01.2/VOA_Tr Date Collected: 05/02/2014 08:03

Sample wt/vol: 25(mL) Date Analyzed: 05/13/2014 12:56

Soil Aliquot Vol: Dilution Factor: 26

Soil Extract Vol.: GC Column: DB-624 ID: 0.2(mm)

% Moisture: Level: (low/med) Trace

Analysis Batch No.: 72092 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Total Alkanes			

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-8
Client Smp ID: MW-15S_050214DL
Inj Date : 13-MAY-2014 12:56
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-B-8
Misc Info : 26,5
Comment :
Method : /chem/D.i/Dsvr.p/dllesmtr.b/somtr5t.m
Meth Date : 14-May-2014 11:05 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 8
Dil Factor: 26.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	26.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
$	3 Vinyl chloride-d3	65	1.777	1.771	(0.291)	78862	147.230	5.9(a)
	4 Vinyl chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.136	2.131	(0.350)	61872	152.589	6.1(a)
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	2.380	2.374	(0.390)	2907	2.98180	3.1(a)
$	9 1,1-Dichloroethene-d2	63	2.850	2.838	(0.467)	243560	221.400	8.9(aR)
	10 1,1-Dichloroethene	96	2.856	2.850	(0.468)	184561	361.002	380(Q)
	11 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	12 Acetone	43	Compound Not Detected.					
	13 Carbon disulfide	76	Compound Not Detected.					
	14 Methyl acetate	43	Compound Not Detected.					
	15 Methylene chloride	84	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	16 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	17 Methyl tert-butyl ether	73	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
$	19 2-Butanone-d5	46	4.679	4.703	(0.766)	82878	1364.21	55(a)
	20 cis-1,2-Dichloroethene	96	4.703	4.697	(0.770)	22426	43.1138	45(Q)
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.032	5.026	(0.824)	127081	137.019	5.5(a)
	24 Chloroform	83	Compound Not Detected.					
	25 1,1,1-Trichloroethane	97	5.258	5.252	(0.555)	91408	93.5747	97
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	5.611	5.612	(0.919)	55084	167.922	6.7(aR)
$	29 Benzene-d6	84	5.630	5.630	(0.594)	283018	128.033	5.1(a)
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	6.105	6.099	(1.000)	232527	125.000	
	33 Trichloroethene	95	6.392	6.392	(0.674)	76207	127.452	130
$	34 1,2-Dichloropropane-d6	67	6.550	6.550	(0.691)	69392	112.136	4.5(aQ)
	35 Methylcyclohexane	55	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
	38 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	39 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	40 Toluene-d8	98	7.782	7.782	(0.821)	277298	126.694	5.1(a)
	41 Toluene	91	7.861	7.861	(0.830)	1966	0.79244	0.82(a)
$	42 trans-1,3-Dichloropropene-d4	79	8.087	8.087	(0.853)	57544	127.225	5.1(a)
	43 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	44 1,1,2-Trichloroethane	97	Compound Not Detected.					
	45 Tetrachloroethene	164	8.495	8.489	(0.896)	2512	4.18603	4.4(a)
$	46 2-Hexanone-d5	63	8.599	8.599	(0.907)	65849	1281.85	51(aQ)
	47 2-Hexanone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
	49 1,2-Dibromoethane	107	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	9.476	9.477	(1.000)	189188	125.000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	Compound Not Detected.					
	53 m,p-Xylene	106	Compound Not Detected.					
	55 o-Xylene	106	Compound Not Detected.					
	54 Styrene	104	Compound Not Detected.					
	56 Bromoform	172	Compound Not Detected.					
	57 Isopropylbenzene	105	Compound Not Detected.					
$	58 1,1,2,2-Tetrachloroethane-d2	84	11.055	11.050	(1.167)	25923	121.670	4.9(a)
	59 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	60 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	61 1,4-Dichlorobenzene-d4	152	12.293	12.293	(1.000)	92075	125.000	
	62 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$ 63 1,2-Dichlorobenzene-d4	152	12.720	12.720	(1.035)	75892	115.140	4.6(a)
64 1,2-Dichlorobenzene	146	Compound Not Detected.					
65 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
66 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
67 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-8
Client Smp ID: MW-15S_050214DL
Inj Date : 13-MAY-2014 12:56
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-B-8
Misc Info : 26,5
Comment :
Method : /chem/D.i/Dsvr.p/dllesmtr.b/somtr5t.m
Meth Date : 14-May-2014 11:05 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 8
Dil Factor: 26.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	26.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 32 1,4-Difluorobenzene	6.105	550044	125.000
* 50 Chlorobenzene-d5	9.476	589294	125.000
* 61 1,4-Dichlorobenzene-d4	12.293	553145	125.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
7.434	344351	78.2551787	81	0		0	32

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/L)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
8.349	61282	12.9990213	14	0		0	50
Unknown					CAS #:		
11.171	86632	19.5771720	20	0		0	61

Data File: /chem/D.i/Dsvr.p/dllesmtr.b/dlle08.d

Date : 13-MAY-2014 12:56

Client ID: MW-15S_050214DL

Sample Info: 200-22183-B-8

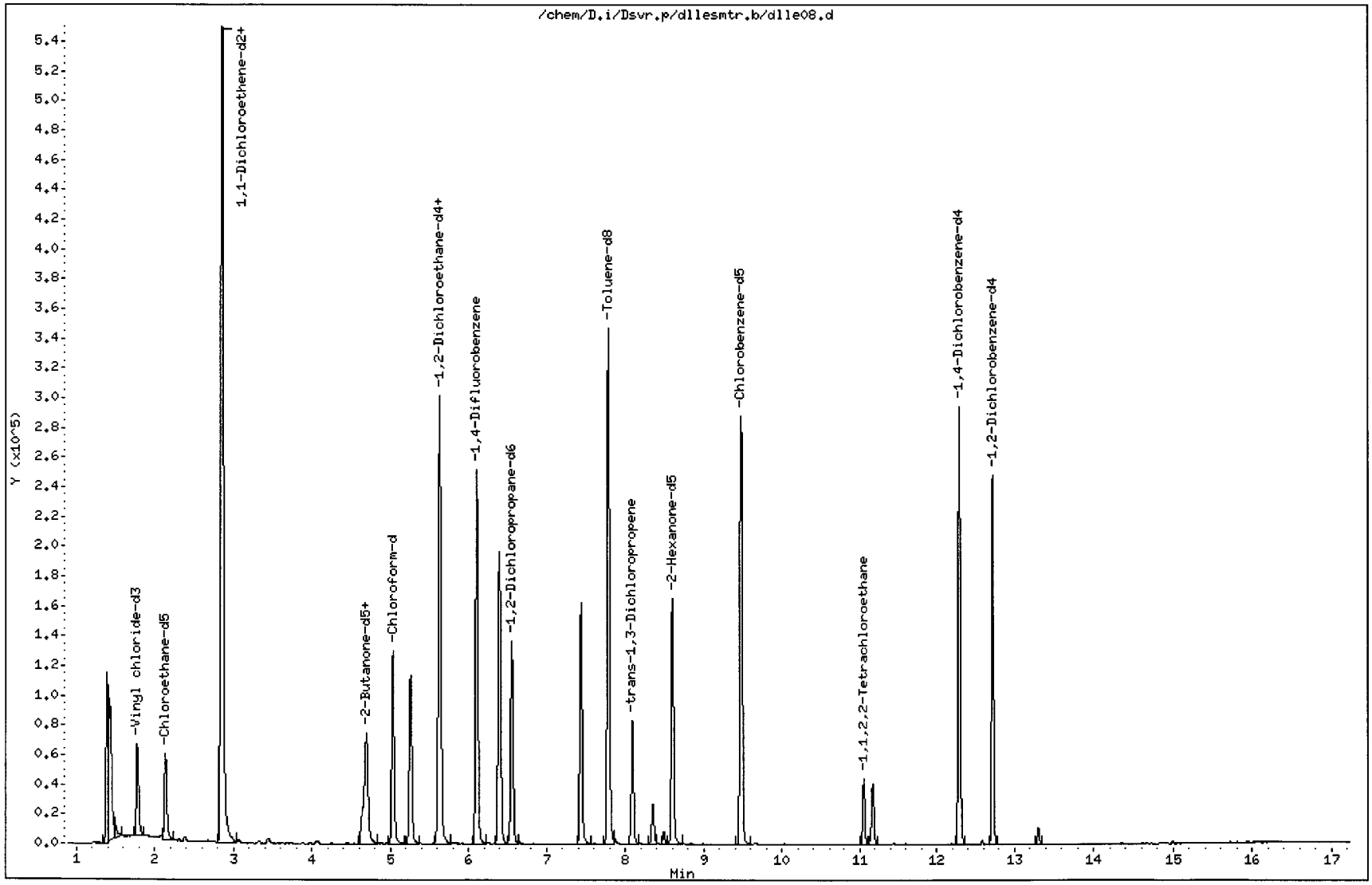
Purge Volume: 25.0

Column phase: DB-624

Instrument: D.i

Operator: JSW

Column diameter: 0.20



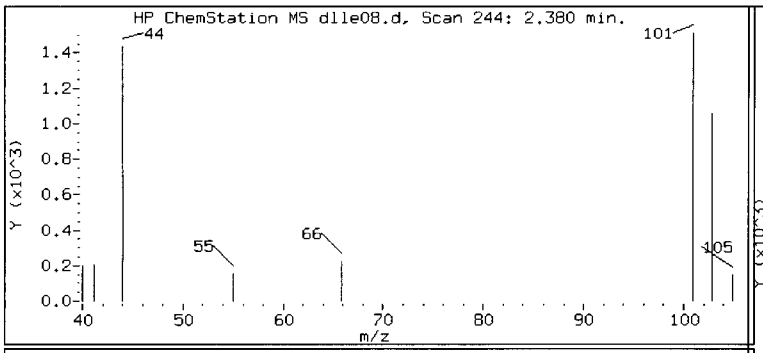
Data File: dlle08.d

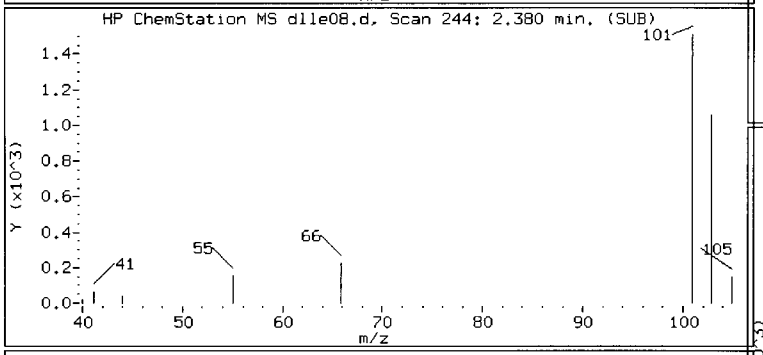
Lab Sample ID: 200-22183-8 Date: 13-MAY-2014 12:56

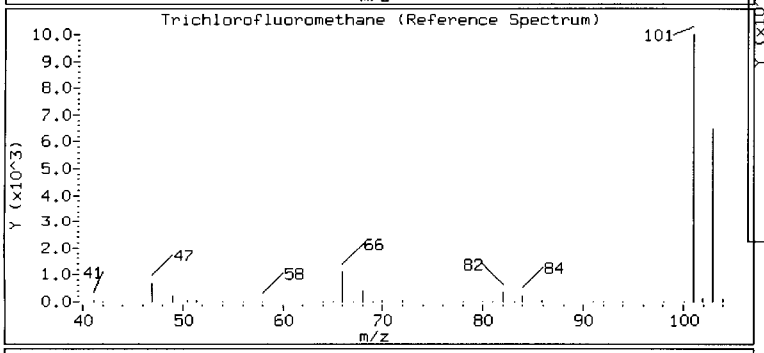
Client ID: MW-15S_050214DL Instrument: D.i

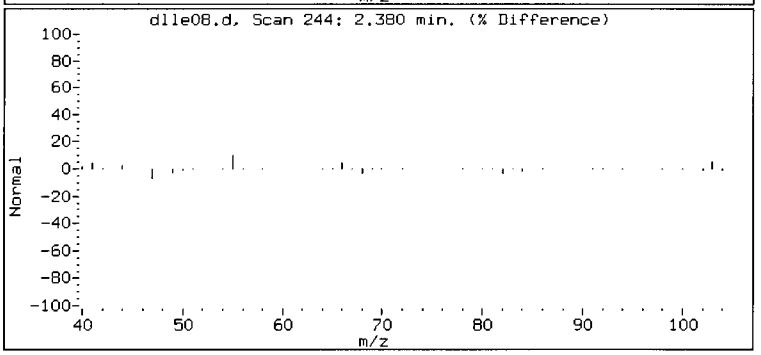
Sample Info: 200-22183-B-8 Operator: JSW

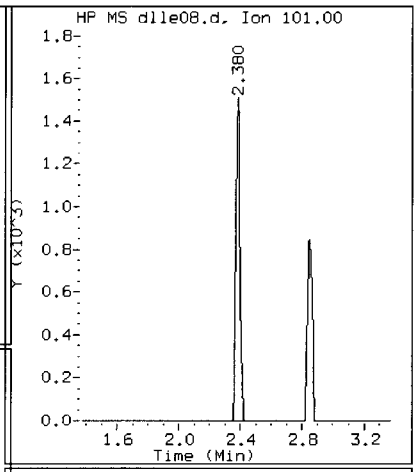
8 Trichlorofluoromethane

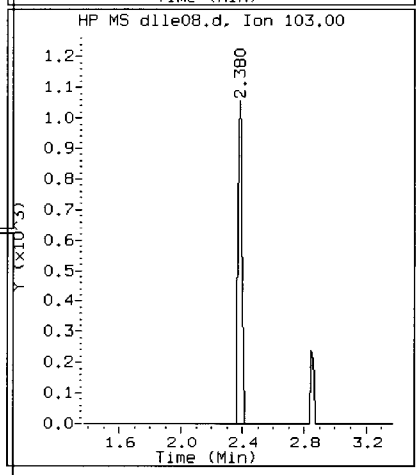












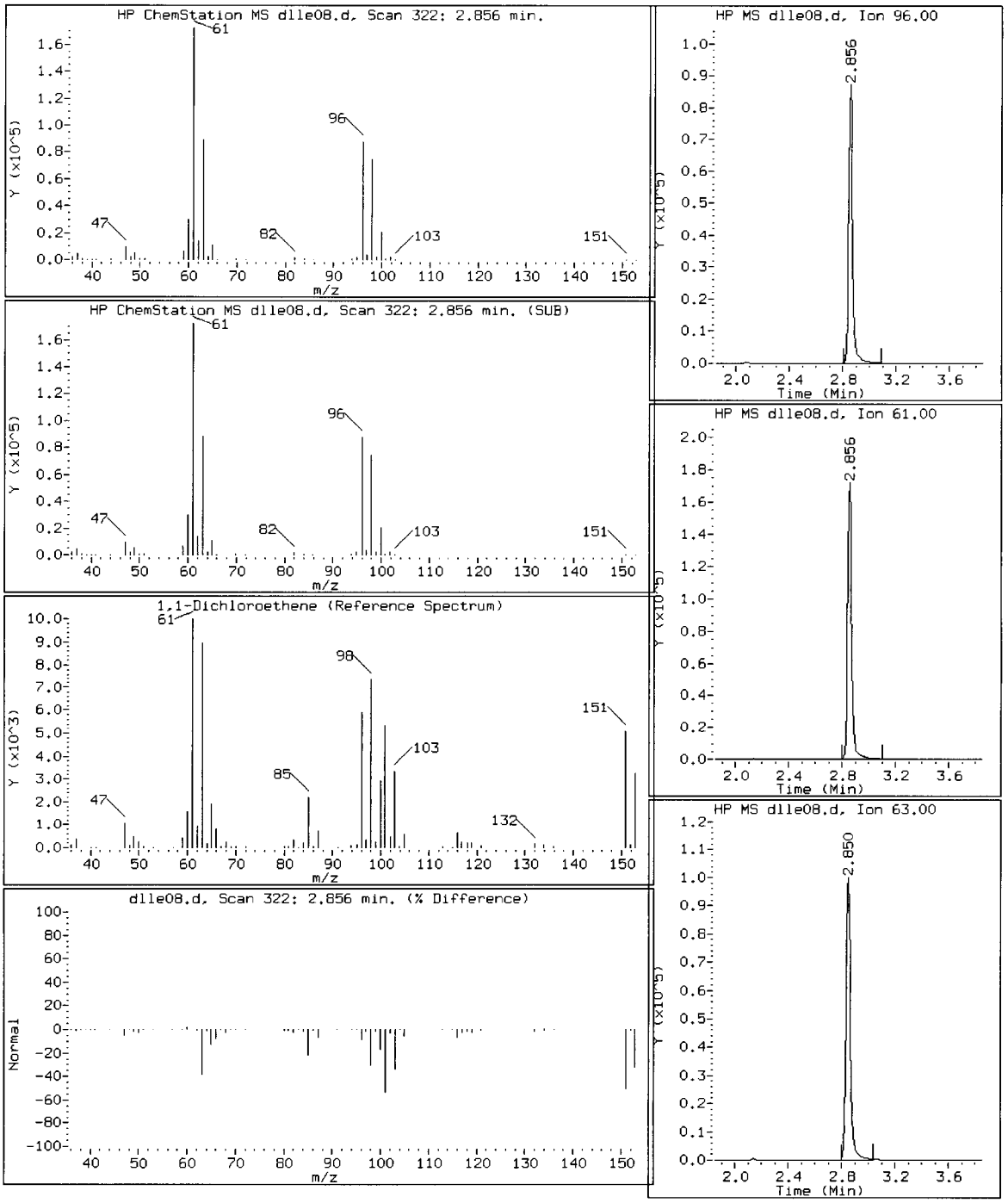
Data File: dlle08.d

Lab Sample ID: 200-22183-8 Date: 13-MAY-2014 12:56

Client ID: MW-15S_050214DL Instrument: D.i

Sample Info: 200-22183-B-8 Operator: JSW

10 1,1-Dichloroethene



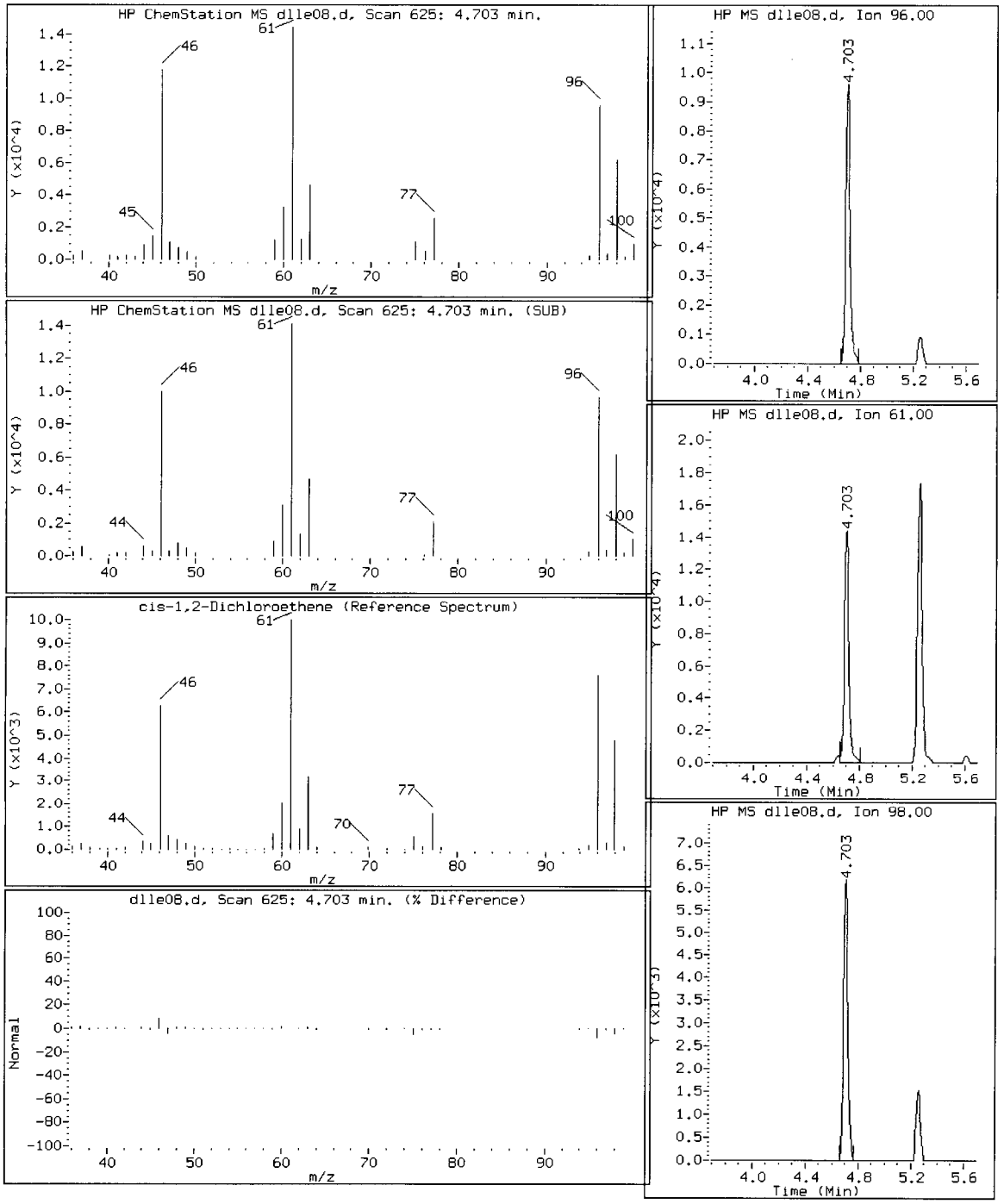
Data File: dlle08.d

Lab Sample ID: 200-22183-8 Date: 13-MAY-2014 12:56

Client ID: MW-15S_050214DL Instrument: D.i

Sample Info: 200-22183-B-8 Operator: JSW

20 cis-1,2-Dichloroethene



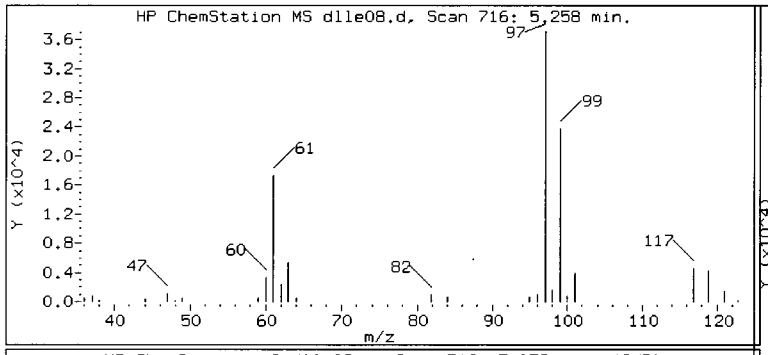
Data File: dlle08.d

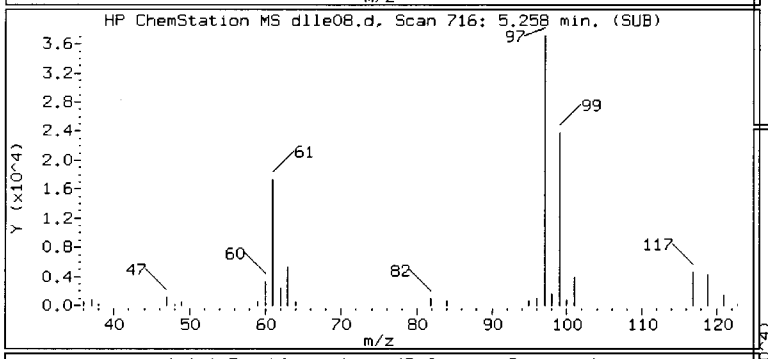
Lab Sample ID: 200-22183-8 Date: 13-MAY-2014 12:56

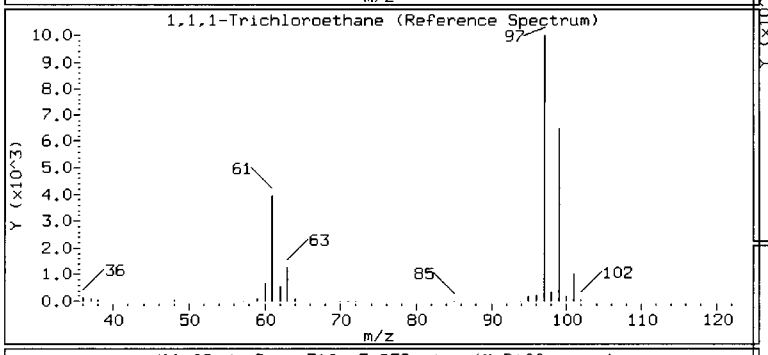
Client ID: MW-15S_050214DL Instrument: D.i

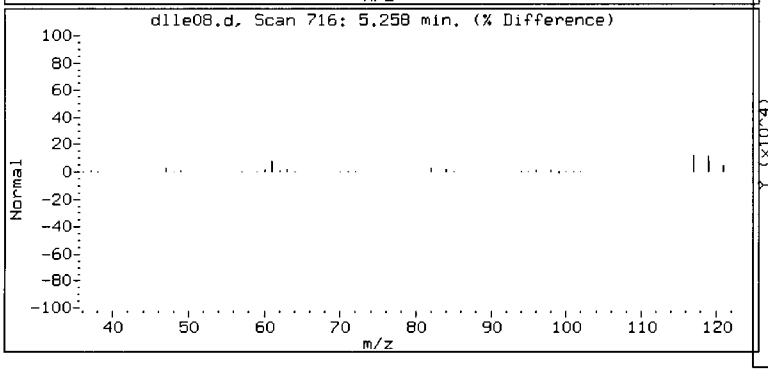
Sample Info: 200-22183-B-8 Operator: JSW

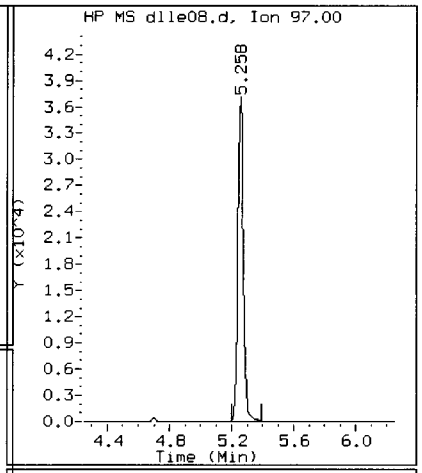
25 1,1,1-Trichloroethane

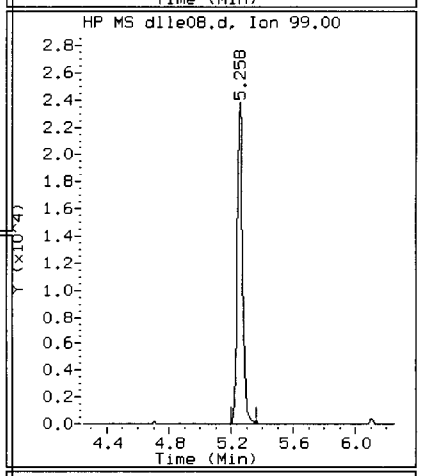


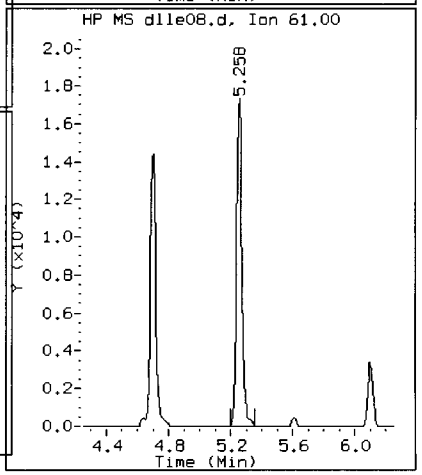












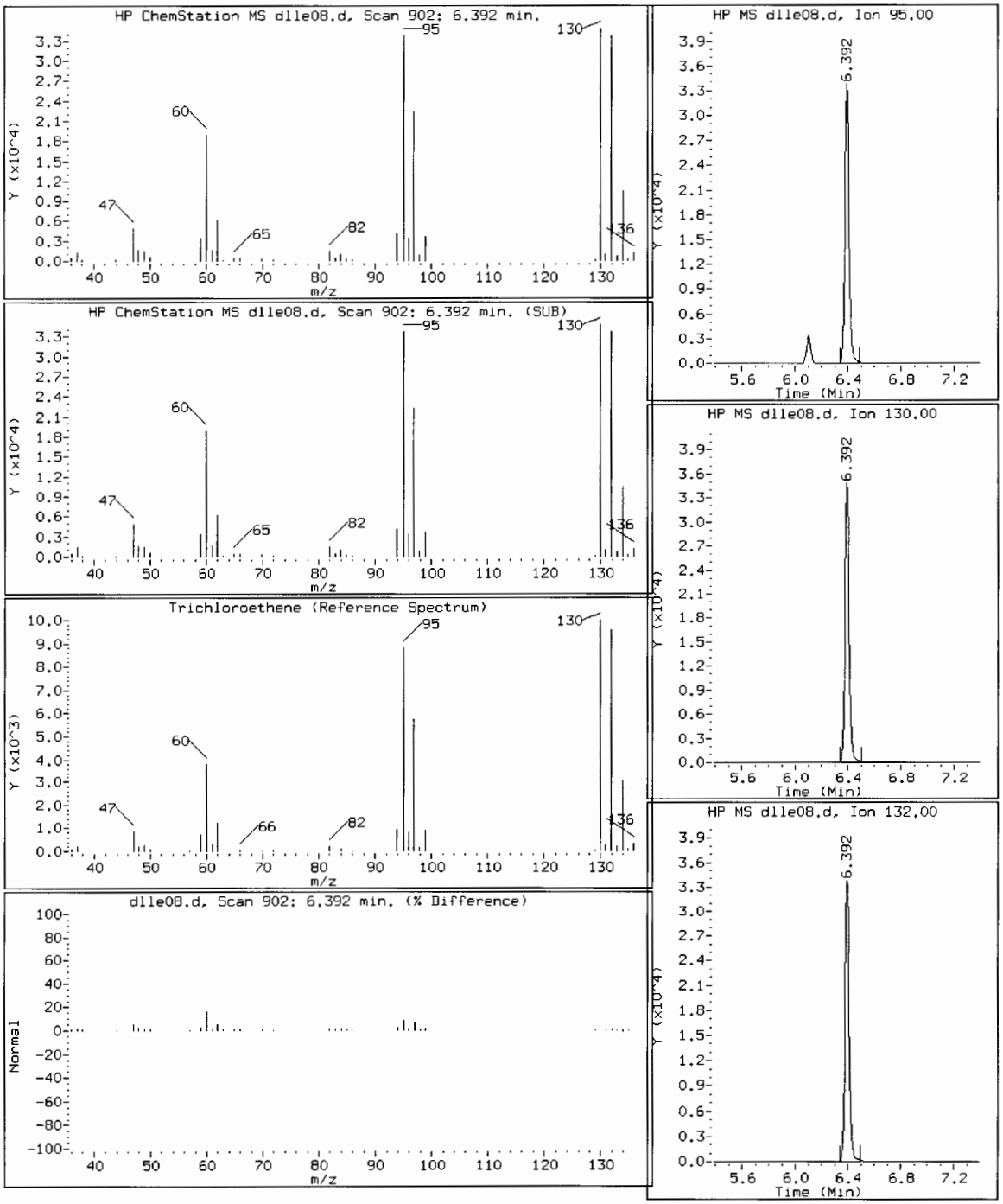
Data File: dlle08.d

Lab Sample ID: 200-22183-8 Date: 13-MAY-2014 12:56

Client ID: MW-15S_050214DL Instrument: D.i

Sample Info: 200-22183-B-8 Operator: JSW

33 Trichloroethene



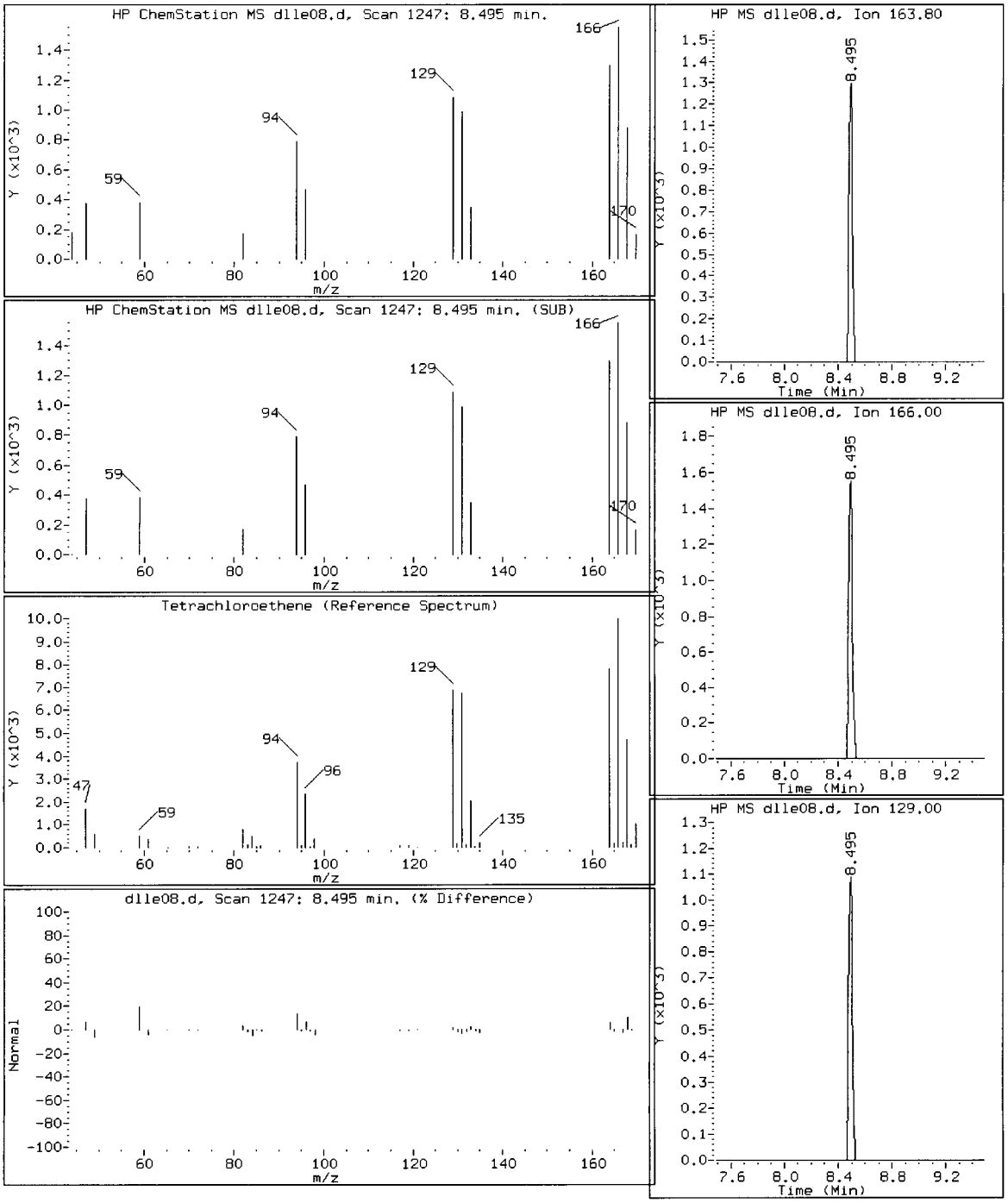
Data File: dlle08.d

Lab Sample ID: 200-22183-8 Date: 13-MAY-2014 12:56

Client ID: MW-15S_050214DL Instrument: D.i

Sample Info: 200-22183-B-8 Operator: JSW

45 Tetrachloroethene



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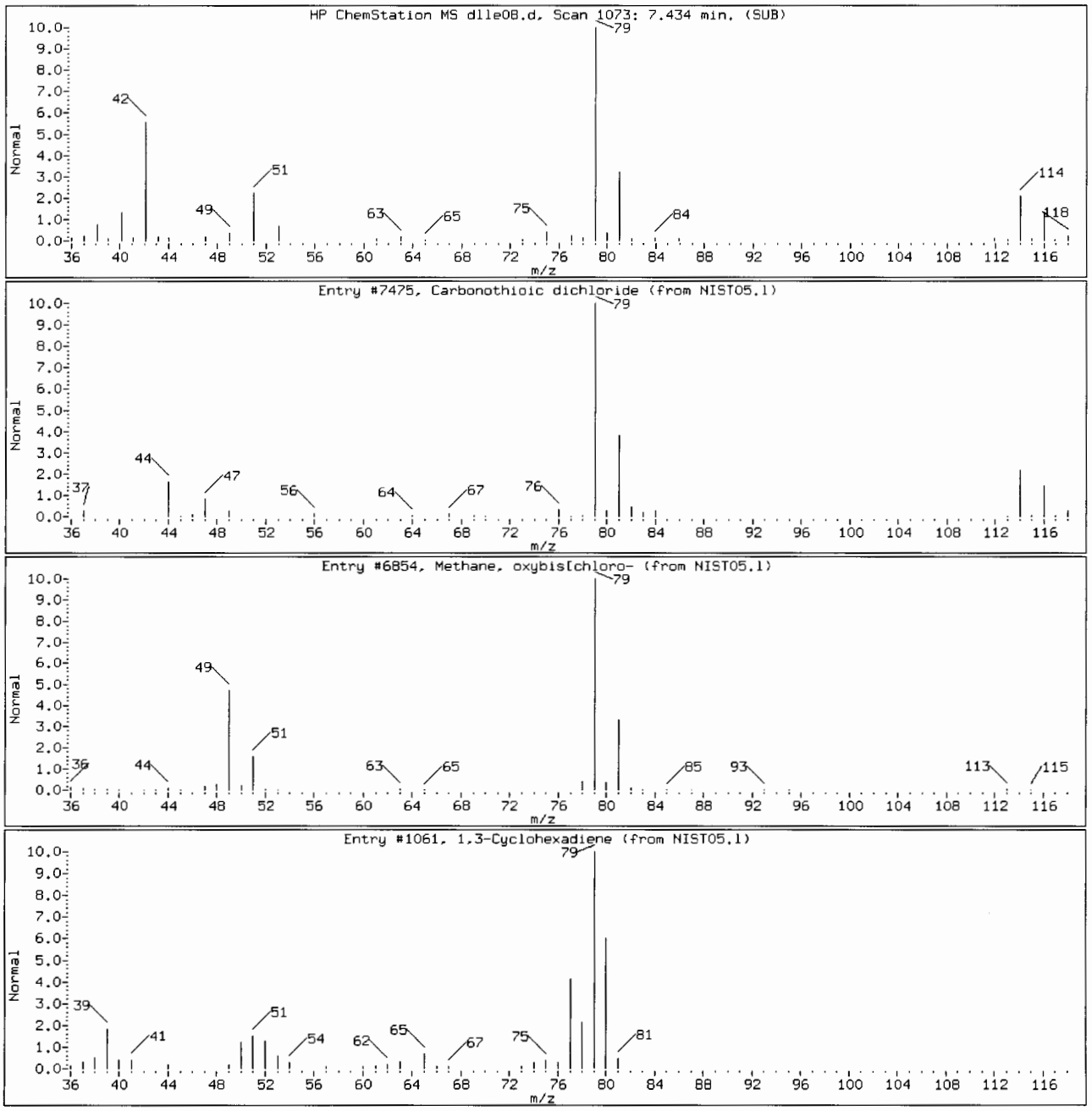
Lab Sample ID: 200-22183-8 Date: 13-MAY-2014 12:56
Client ID: MW-15S_050214DL Instrument: D.i
Sample Info: 200-22183-B-8 Operator: JSW

Retention Time: 7.43

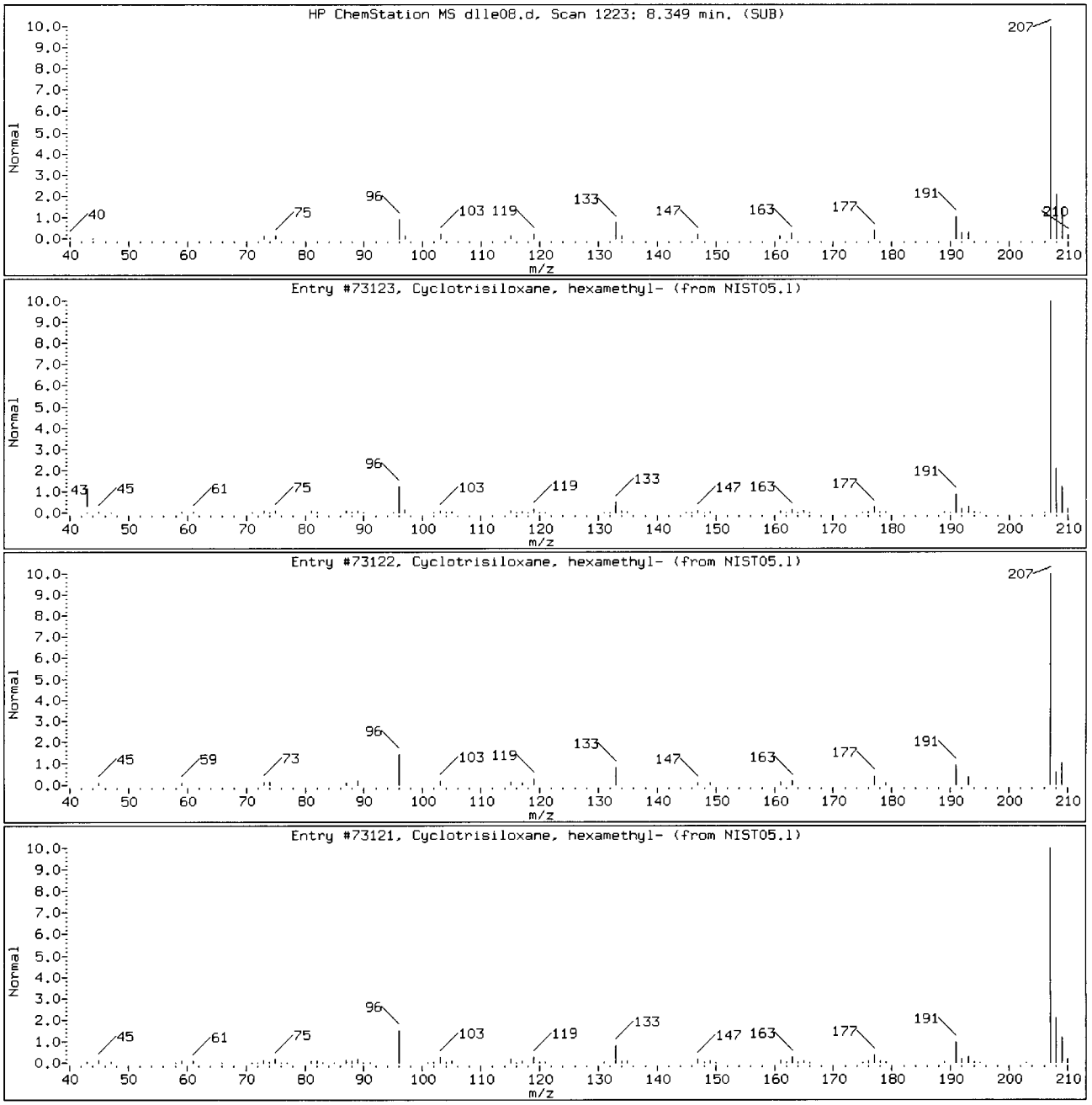
Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Carbonothioic dichloride	463-71-8	NIST05.1	7475	52	CCl2S	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6854	37	C2H4Cl2O	114
1,3-Cyclohexadiene	592-57-4	NIST05.1	1061	25	C6H8	80



Data File: d11e08.d
Lab Sample ID: 200-22183-8 Date: 13-MAY-2014 12:56
Client ID: MW-15S_050214DL Instrument: D.i
Sample Info: 200-22183-B-8 Operator: JSW

Retention Time: 8.35

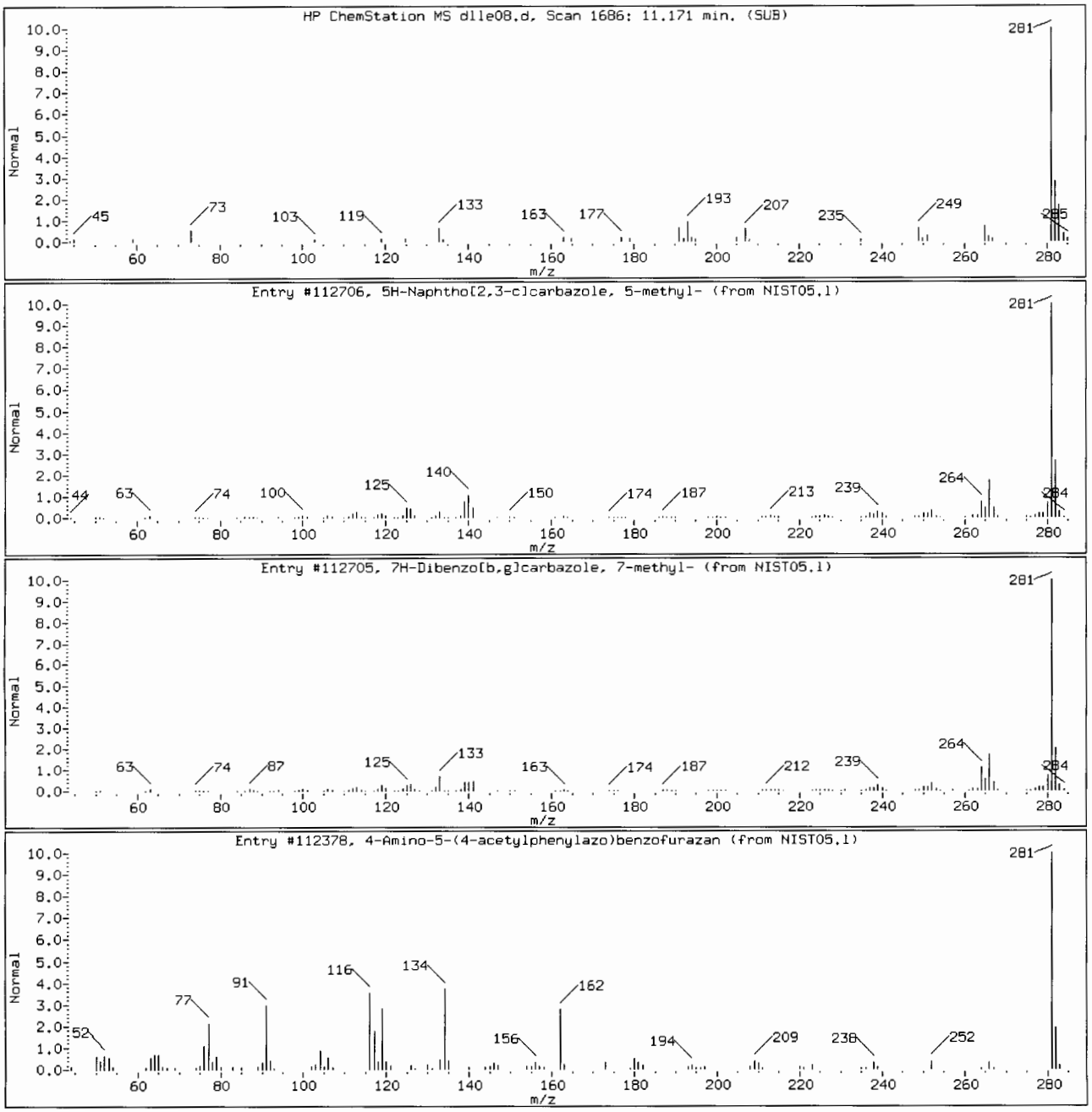
Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST05.1	73123	78	C6H18O3Si3	222
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST05.1	73122	72	C6H18O3Si3	222
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST05.1	73121	50	C6H18O3Si3	222



Data File: dlle08.d
Lab Sample ID: 200-22183-8 Date: 13-MAY-2014 12:56
Client ID: MW-15S_050214DL Instrument: D.i
Sample Info: 200-22183-B-8 Operator: JSW

Retention Time: 11.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
5H-Naphtho[2,3-c]carbazole, 5-meth	100025-44-3	NIST05.1	112706	59	C21H15N	281
7H-Dibenzo[b,g]carbazole, 7-methyl	3557-49-1	NIST05.1	112705	53	C21H15N	281
4-Amino-5-(4-acetylphenylazo)benzo	166766-09-2	NIST05.1	112378	50	C14H11N5O2	281



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-7S_050214 | Lab Sample ID: 200-22183-9

Matrix: Water | Lab File ID: dlle17.d

Analysis Method: SOM01.2/VOA_Tr | Date Collected: 05/02/2014 08:58

Sample wt/vol: 25(mL) | Date Analyzed: 05/13/2014 16:38

Soil Aliquot Vol: | Dilution Factor: 14

Soil Extract Vol.: | GC Column: DB-624 ID: 0.2(mm)

% Moisture: | Level: (low/med) Trace

Analysis Batch No.: 72092 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	7.0	U	7.0	1.0
74-87-3	Chloromethane	7.0	U	7.0	0.87
75-01-4	Vinyl chloride	7.0	U	7.0	0.94
74-83-9	Bromomethane	7.0	U	7.0	0.97
75-00-3	Chloroethane	7.0	U	7.0	1.3
75-69-4	Trichlorofluoromethane	7.0	U	7.0	1.4
75-35-4	1,1-Dichloroethene	48		7.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan e	7.0	U	7.0	0.53
67-64-1	Acetone	70	U	70	13
75-15-0	Carbon disulfide	7.0	U	7.0	0.70
79-20-9	Methyl acetate	7.0	U	7.0	2.0
75-09-2	Methylene chloride	7.0	U	7.0	0.98
156-60-5	trans-1,2-Dichloroethene	7.0	U	7.0	0.66
1634-04-4	Methyl tert-butyl ether	7.0	U	7.0	0.87
75-34-3	1,1-Dichloroethane	7.7		7.0	1.1
156-59-2	cis-1,2-Dichloroethene	190		7.0	0.74
78-93-3	2-Butanone	70	U	70	12
74-97-5	Bromochloromethane	7.0	U	7.0	1.0
67-66-3	Chloroform	7.0	U	7.0	1.1
71-55-6	1,1,1-Trichloroethane	61		7.0	1.1
110-82-7	Cyclohexane	7.0	U	7.0	0.92
56-23-5	Carbon tetrachloride	7.0	U	7.0	0.92
71-43-2	Benzene	7.0	U	7.0	0.90
107-06-2	1,2-Dichloroethane	7.0	U	7.0	1.2
79-01-6	*Trichloroethene*	*1100*	*E*	*7.0*	*1.1*
108-87-2	Methylcyclohexane	7.0	U	7.0	1.1
78-87-5	1,2-Dichloropropane	7.0	U	7.0	0.98
75-27-4	Bromodichloromethane	7.0	U	7.0	0.85
10061-01-5	cis-1,3-Dichloropropene	7.0	U	7.0	0.84
108-10-1	4-Methyl-2-pentanone	70	U	70	11
108-88-3	Toluene	7.0	U	7.0	0.95
10061-02-6	trans-1,3-Dichloropropene	7.0	U	7.0	3.1
79-00-5	1,1,2-Trichloroethane	7.0	U	7.0	1.2
127-18-4	Tetrachloroethene	150		7.0	1.1
591-78-6	2-Hexanone	70	U	70	13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-7S_050214 | Lab Sample ID: 200-22183-9

Matrix: Water | Lab File ID: dl1e17.d

Analysis Method: SOM01.2/VOA_Tr | Date Collected: 05/02/2014 08:58

Sample wt/vol: 25(mL) | Date Analyzed: 05/13/2014 16:38

Soil Aliquot Vol: | Dilution Factor: 14

Soil Extract Vol.: | GC Column: DB-624 ID: 0.2(mm)

% Moisture: | Level: (low/med) Trace

Analysis Batch No.: 72092 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	7.0	U	7.0	0.94
106-93-4	1,2-Dibromoethane	7.0	U	7.0	0.81
108-90-7	Chlorobenzene	7.0	U	7.0	0.88
100-41-4	Ethylbenzene	7.0	U	7.0	0.83
95-47-6	o-Xylene	7.0	U	7.0	0.91
179601-23-1	m,p-Xylene	7.0	U	7.0	0.95
100-42-5	Styrene	7.0	U	7.0	0.85
75-25-2	Bromoform	7.0	U	7.0	1.2
98-82-8	Isopropylbenzene	7.0	U	7.0	0.81
79-34-5	1,1,2,2-Tetrachloroethane	7.0	U	7.0	1.3
541-73-1	1,3-Dichlorobenzene	7.0	U	7.0	0.90
106-46-7	1,4-Dichlorobenzene	7.0	U	7.0	0.83
95-50-1	1,2-Dichlorobenzene	7.0	U	7.0	1.0
96-12-8	1,2-Dibromo-3-chloropropane	7.0	U	7.0	2.2
120-82-1	1,2,4-Trichlorobenzene	7.0	U	7.0	0.92
87-61-6	1,2,3-Trichlorobenzene	7.0	U	7.0	1.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
6745-35-3	Vinyl chloride-d3	112		65-131
19199-91-8	Chloroethane-d5	119		71-131
22280-73-5	1,1-Dichloroethene-d2	109	X	55-104
24313-50-6	2-Butanone-d5	106		49-155
865-49-6	Chloroform-d	107		78-121
17060-07-0	1,2-Dichloroethane-d4	129		78-129
1076-43-3	Benzene-d6	99		77-124
93952-08-0	1,2-Dichloropropane-d6	87		79-124
2037-26-5	Toluene-d8	98		77-121
93951-86-1	trans-1,3-Dichloropropene-d4	94		73-121
4840-82-8	2-Hexanone-d5	97		28-135
33685-54-0	1,1,2,2-Tetrachloroethane-d2	89		73-125
2199-69-1	1,2-Dichlorobenzene-d4	90		80-131

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-7S_050214 Lab Sample ID: 200-22183-9

Matrix: Water Lab File ID: d11e17.d

Analysis Method: SOM01.2/VOA_Tr Date Collected: 05/02/2014 08:58

Sample wt/vol: 25(mL) Date Analyzed: 05/13/2014 16:38

Soil Aliquot Vol: Dilution Factor: 14

Soil Extract Vol.: GC Column: DB-624 ID: 0.2(mm)

% Moisture: Level: (low/med) Trace

Analysis Batch No.: 72092 Units: ug/L

Number TICs Found: 4 TIC Result Total: 70

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	4.64	7.9	J
	Unknown	7.43	41	B J
	Unknown	8.35	8.1	J
556-67-2	Cyclotetrasiloxane, octamethyl-	11.17	13	J N

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-7S_050214 Lab Sample ID: 200-22183-9

Matrix: Water Lab File ID: dlle17.d

Analysis Method: SOM01.2/VOA_Tr Date Collected: 05/02/2014 08:58

Sample wt/vol: 25(mL) Date Analyzed: 05/13/2014 16:38

Soil Aliquot Vol: Dilution Factor: 14

Soil Extract Vol.: GC Column: DB-624 ID: 0.2(mm)

% Moisture: Level: (low/med) Trace

Analysis Batch No.: 72092 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Total Alkanes			

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-9
Client Smp ID: MW-7S_050214
Inj Date : 13-MAY-2014 16:38
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-C-9
Misc Info : 14,5
Comment :
Method : /chem/D.i/Dsvr.p/dllesmtr.b/somtr5t.m
Meth Date : 14-May-2014 11:05 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 17
Dil Factor: 14.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	14.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
$	3 Vinyl chloride-d3	65	1.777	1.771	(0.291)	69937	139.637	5.6(a)
	4 Vinyl chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.137	2.131	(0.350)	56512	149.051	6.0(a)
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
$	9 1,1-Dichloroethene-d2	63	2.844	2.838	(0.466)	140712	136.795	5.5(aR)
	10 1,1-Dichloroethene	96	2.856	2.850	(0.468)	40583	84.8945	48(Q)
	11 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	12 Acetone	43	Compound Not Detected.					
	13 Carbon disulfide	76	Compound Not Detected.					
	14 Methyl acetate	43	Compound Not Detected.					
	15 Methylene chloride	84	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	16 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	17 Methyl tert-butyl ether	73	Compound Not Detected.					
	18 1,1-Dichloroethane	63	4.057	4.057	(0.664)	12532	13.8104	7.7
$	19 2-Butanone-d5	46	4.679	4.703	(0.766)	75227	1324.28	53(a)
	20 cis-1,2-Dichloroethene	96	4.703	4.697	(0.770)	164522	338.263	190(Q)
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.032	5.026	(0.824)	116210	134.002	5.4(a)
	24 Chloroform	83	Compound Not Detected.					
	25 1,1,1-Trichloroethane	97	5.258	5.252	(0.555)	98285	109.526	61
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	5.612	5.612	(0.919)	49394	161.036	6.4(a)
$	29 Benzene-d6	84	5.630	5.630	(0.594)	252184	124.188	5.0(a)
	30 Benzene	78	5.673	5.673	(0.599)	1576	0.75379	0.42(a)
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	6.105	6.099	(1.000)	217424	125.000	
	33 Trichloroethene	95	6.392	6.392	(0.674)	1102334	2006.86	1100(A)
$	34 1,2-Dichloropropane-d6	67	6.550	6.550	(0.691)	61639	108.429	4.3(aQ)
	35 Methylcyclohexane	55	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
	38 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	39 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	40 Toluene-d8	98	7.782	7.782	(0.821)	247384	123.036	4.9(a)
	41 Toluene	91	7.861	7.861	(0.830)	3579	1.57036	0.88(a)
$	42 trans-1,3-Dichloropropene-d4	79	8.087	8.087	(0.853)	48869	117.615	4.7(a)
	43 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	44 1,1,2-Trichloroethane	97	Compound Not Detected.					
	45 Tetrachloroethene	164	8.495	8.489	(0.896)	142876	259.177	150
$	46 2-Hexanone-d5	63	8.599	8.599	(0.907)	56948	1206.75	48(aQ)
	47 2-Hexanone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
	49 1,2-Dibromoethane	107	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	9.477	9.477	(1.000)	173796	125.000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	Compound Not Detected.					
	53 m,p-Xylene	106	Compound Not Detected.					
	55 o-Xylene	106	Compound Not Detected.					
	54 Styrene	104	Compound Not Detected.					
	56 Bromoform	172	Compound Not Detected.					
	57 Isopropylbenzene	105	Compound Not Detected.					
$	58 1,1,2,2-Tetrachloroethane-d2	84	11.050	11.050	(1.166)	21800	111.380	4.5(a)
	59 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	60 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	61 1,4-Dichlorobenzene-d4	152	12.293	12.293	(1.000)	84683	125.000	
	62 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$ 63 1,2-Dichlorobenzene-d4	152	12.720	12.720	(1.035)	67980	112.139	4.5(a)
64 1,2-Dichlorobenzene	146	Compound Not Detected.					
65 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
66 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
67 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-9
Client Smp ID: MW-7S_050214
Inj Date : 13-MAY-2014 16:38
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-C-9
Misc Info : 14,5
Comment :
Method : /chem/D.i/Dsvr.p/dllesmtr.b/somtr5t.m
Meth Date : 14-May-2014 11:05 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 17
Dil Factor: 14.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	14.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 32 1,4-Difluorobenzene	6.105	516145	125.000
* 50 Chlorobenzene-d5	9.477	552600	125.000
* 61 1,4-Dichlorobenzene-d4	12.293	513436	125.000

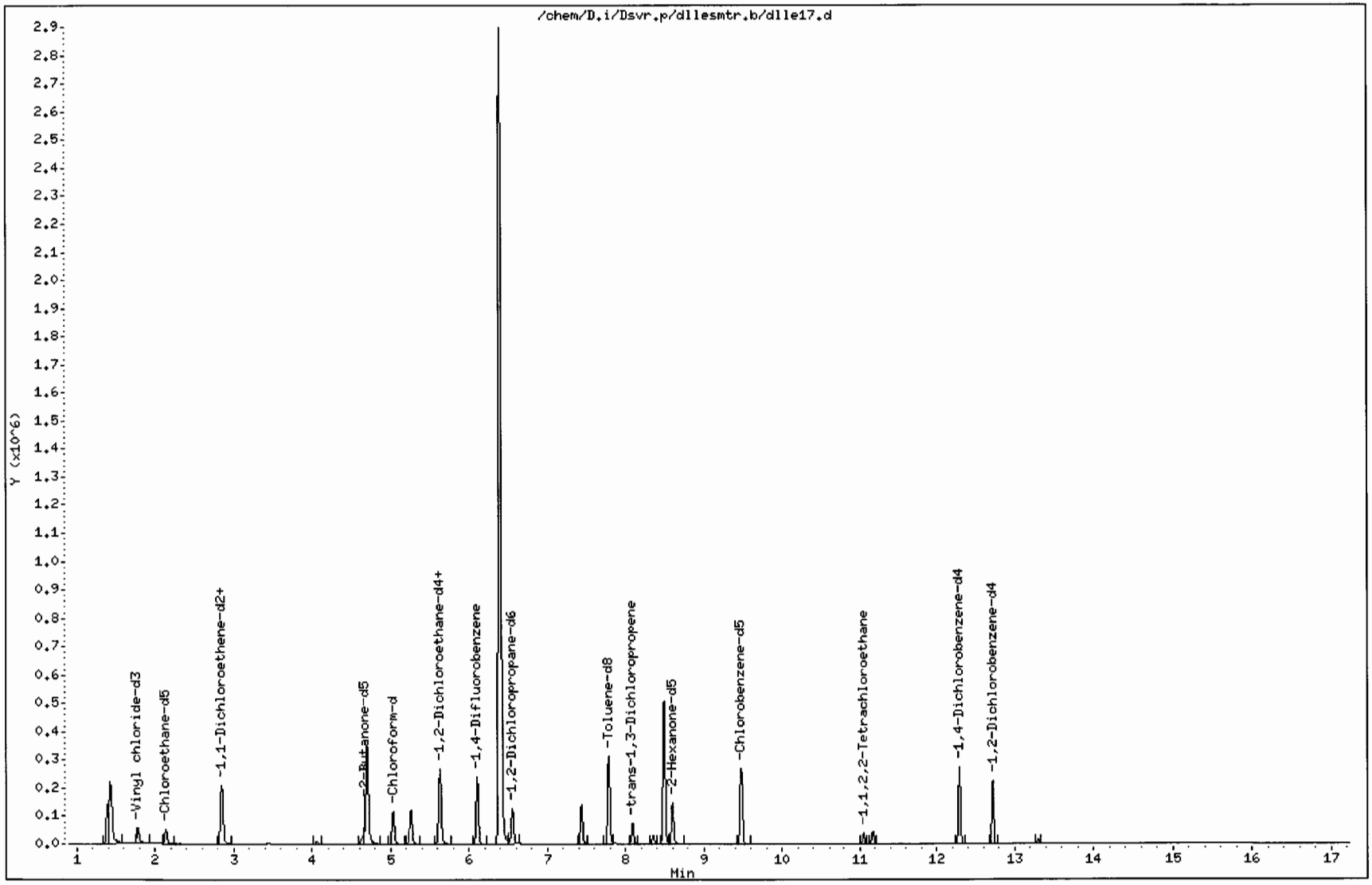
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
4.642	58280	14.1143203	7.9	0		0	32

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/L)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
7.434	301449	73.0047229	41	0		0	32
Unknown				CAS #:			
8.349	64202	14.5227910	8.1	0		0	50
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
11.172	91871	22.3666586	13	86	NIST05.1	122481	61

Data File: /chem/D.i/Dsvr.p/dllesmtr.b/dlle17.d
Date : 13-MAY-2014 16:38
Client ID: MW-7S_050214
Sample Info: 200-22183-C-9
Purge Volume: 25.0
Column phase: DB-624

Instrument: D.i

Operator: JSW
Column diameter: 0.20



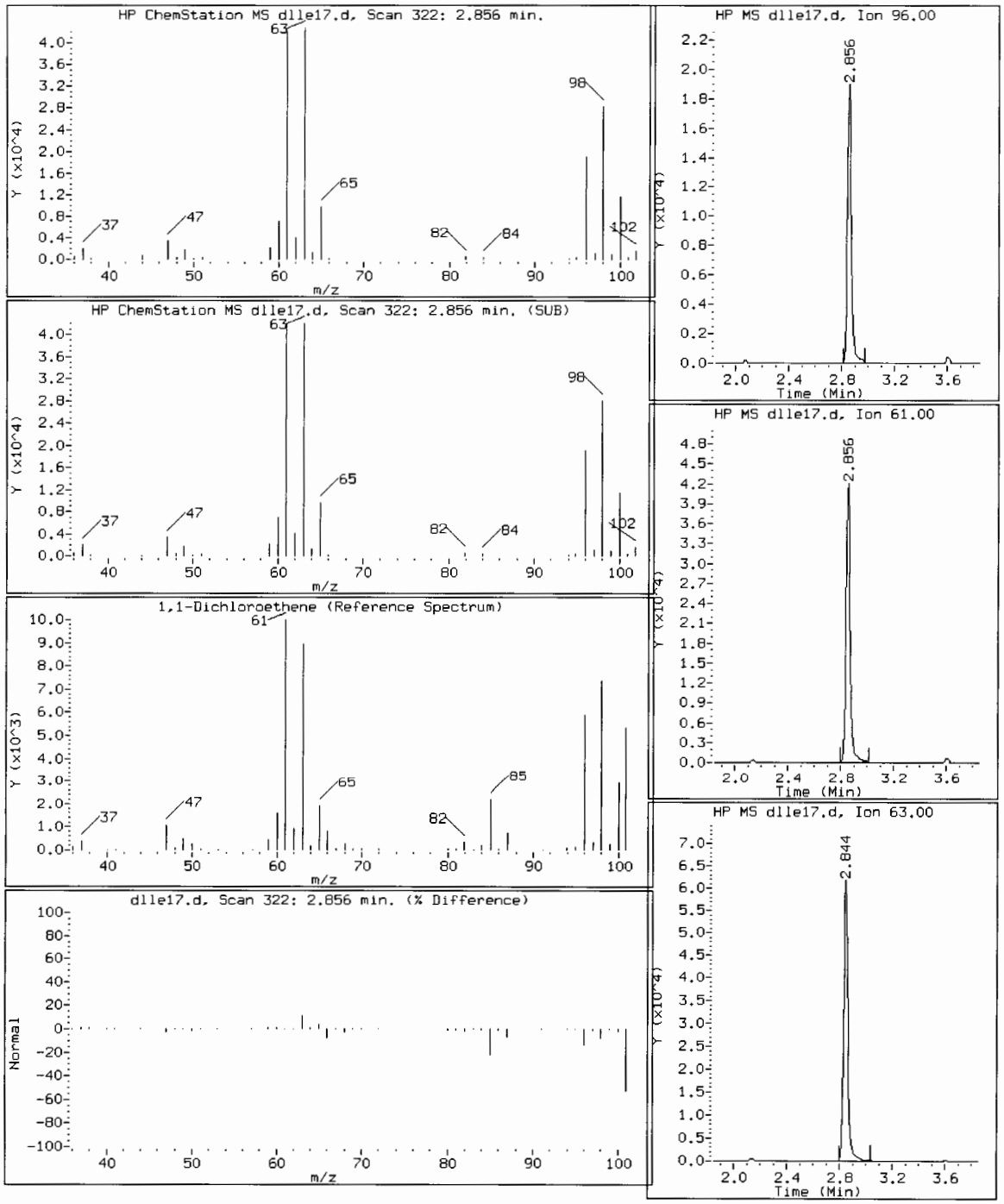
Data File: dlle17.d

Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 16:38

Client ID: MW-7S_050214 Instrument: D.i

Sample Info: 200-22183-C-9 Operator: JSW

10 1,1-Dichloroethene



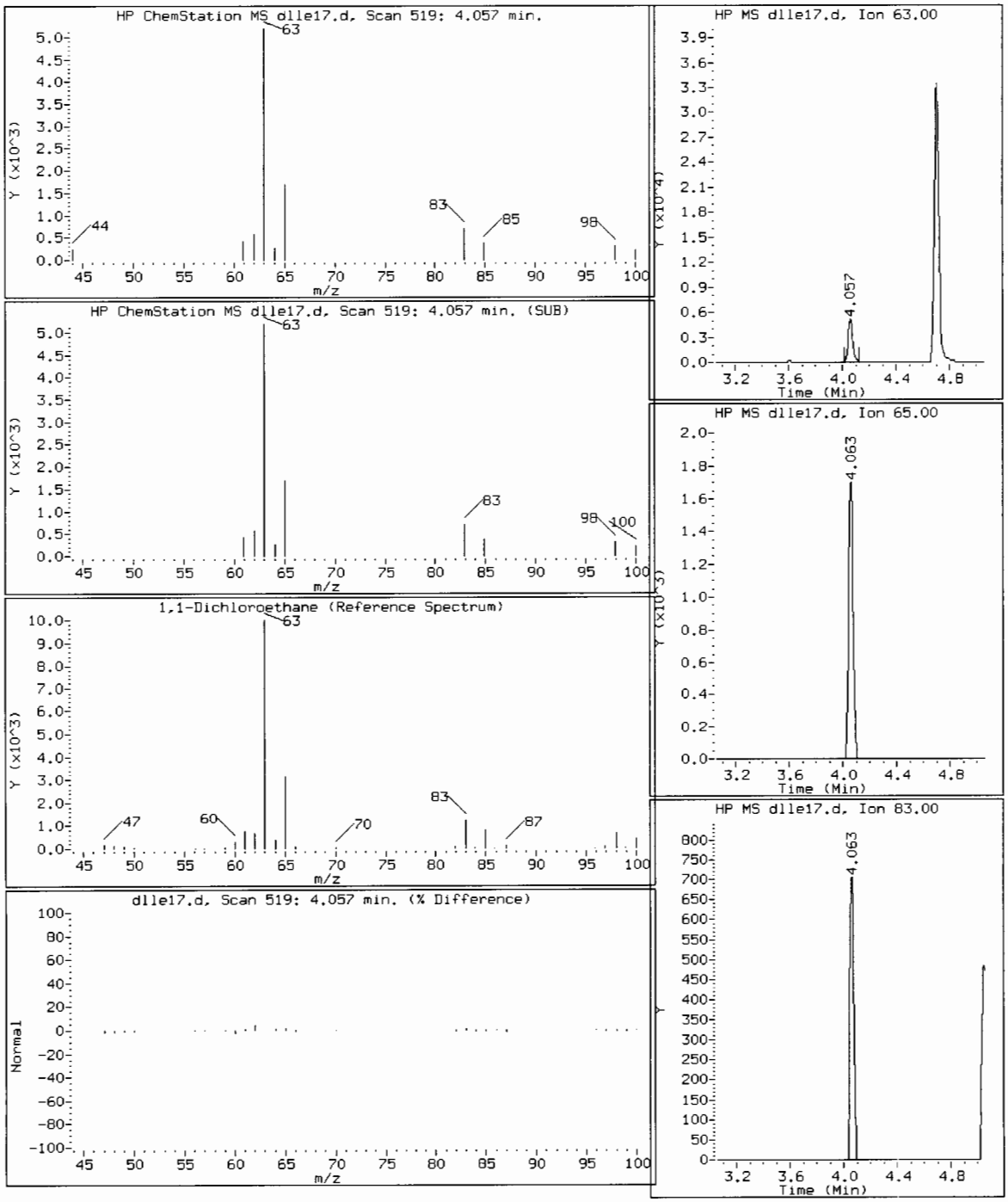
Data File: dlle17.d

Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 16:38

Client ID: MW-7S_050214 Instrument: D.i

Sample Info: 200-22183-C-9 Operator: JSW

18 1,1-Dichloroethane



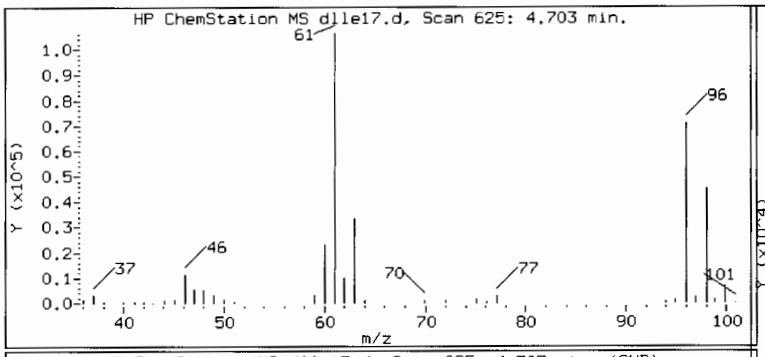
Data File: dlle17.d

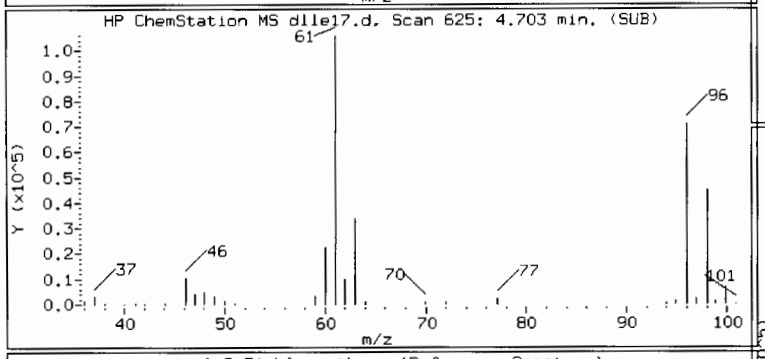
Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 16:38

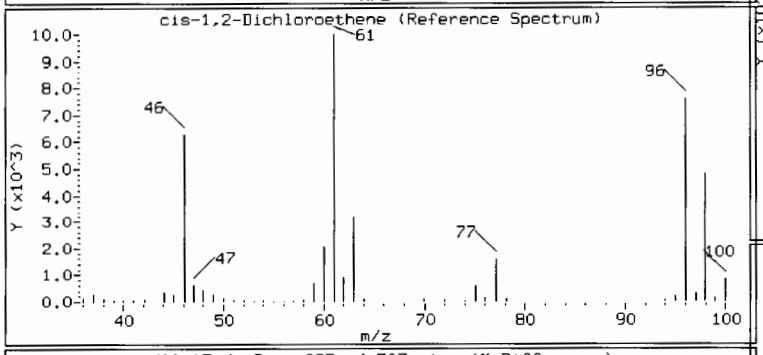
Client ID: MW-7S_050214 Instrument: D.i

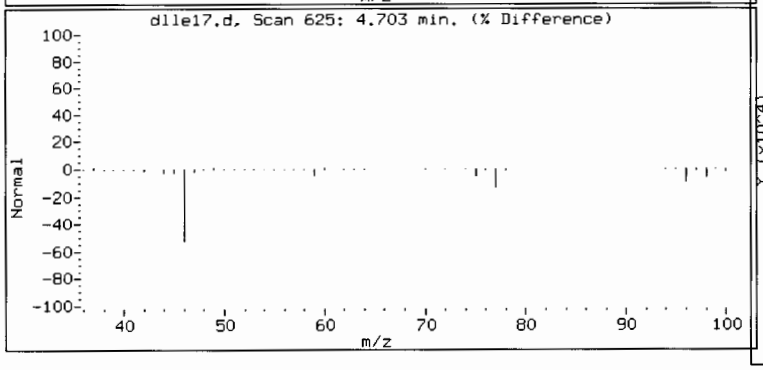
Sample Info: 200-22183-C-9 Operator: JSW

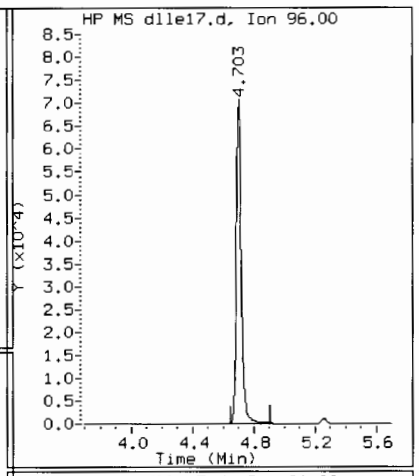
20 cis-1,2-Dichloroethene

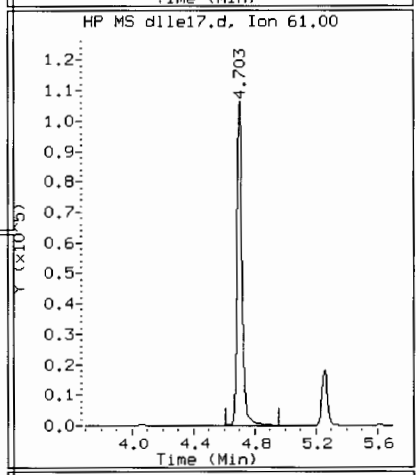


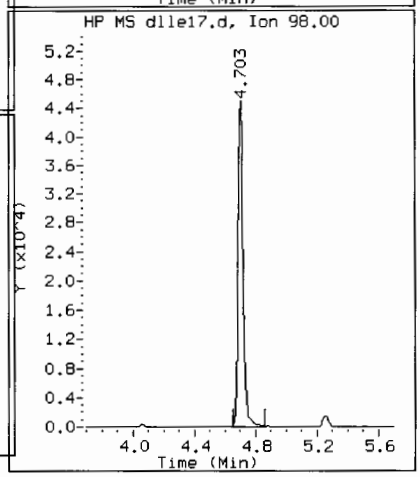












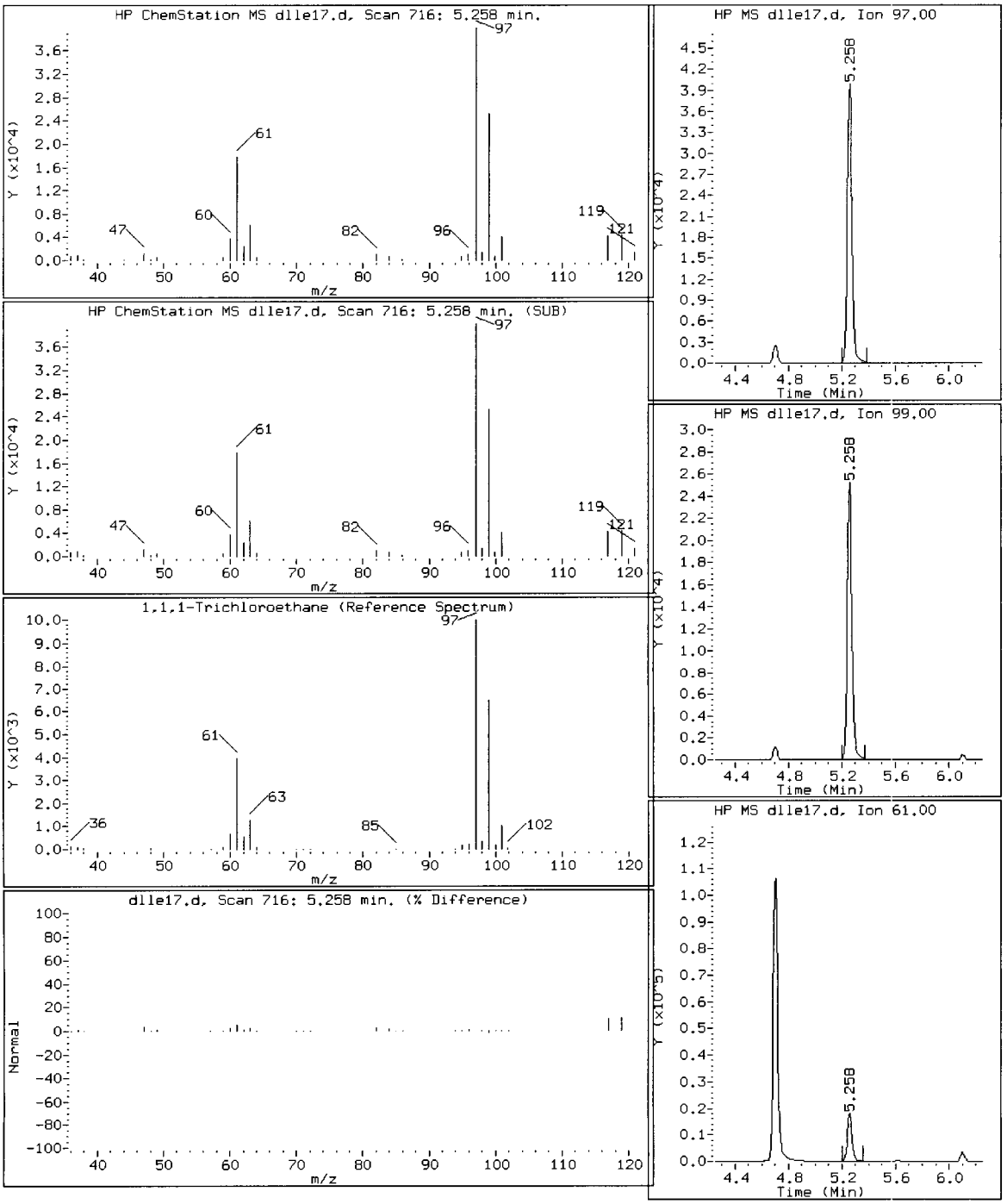
Data File: dlle17.d

Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 16:38

Client ID: MW-7S_050214 Instrument: D.i

Sample Info: 200-22183-C-9 Operator: JSW

25 1,1,1-Trichloroethane



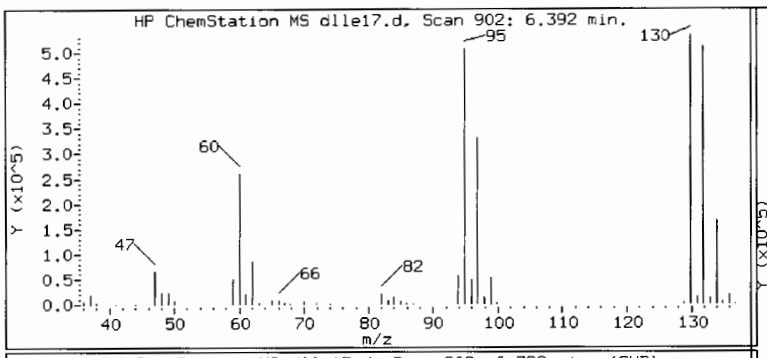
Data File: dlle17.d

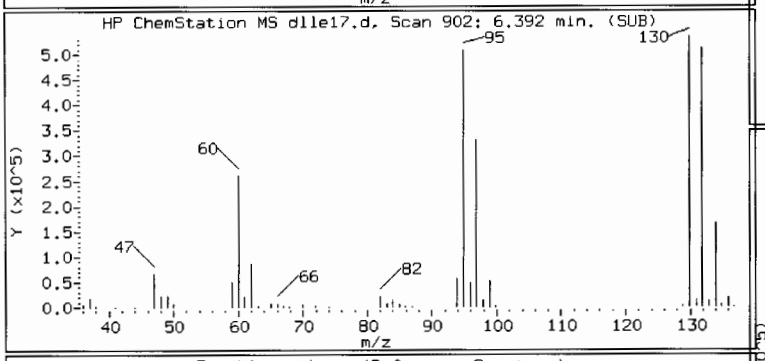
Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 16:38

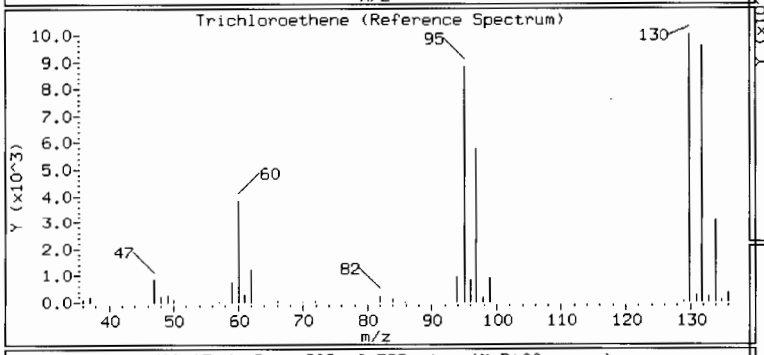
Client ID: MW-7S_050214 Instrument: D.i

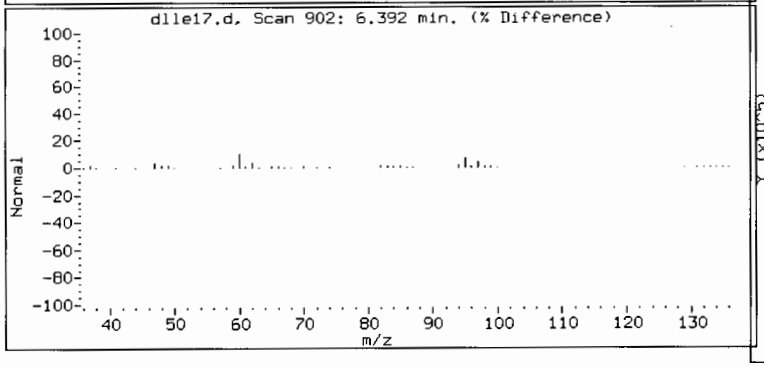
Sample Info: 200-22183-C-9 Operator: JSW

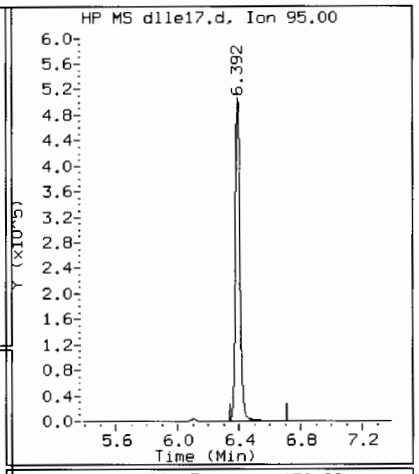
33 Trichloroethene

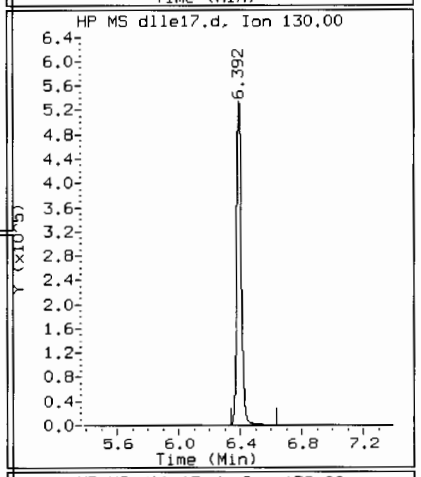


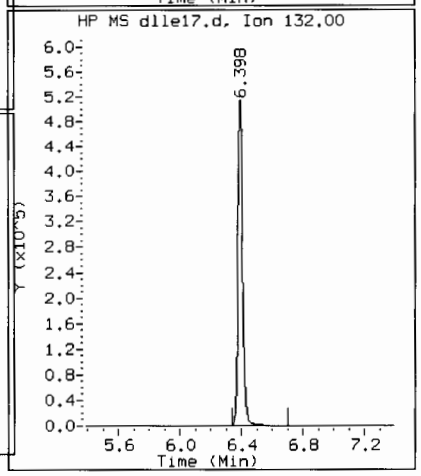












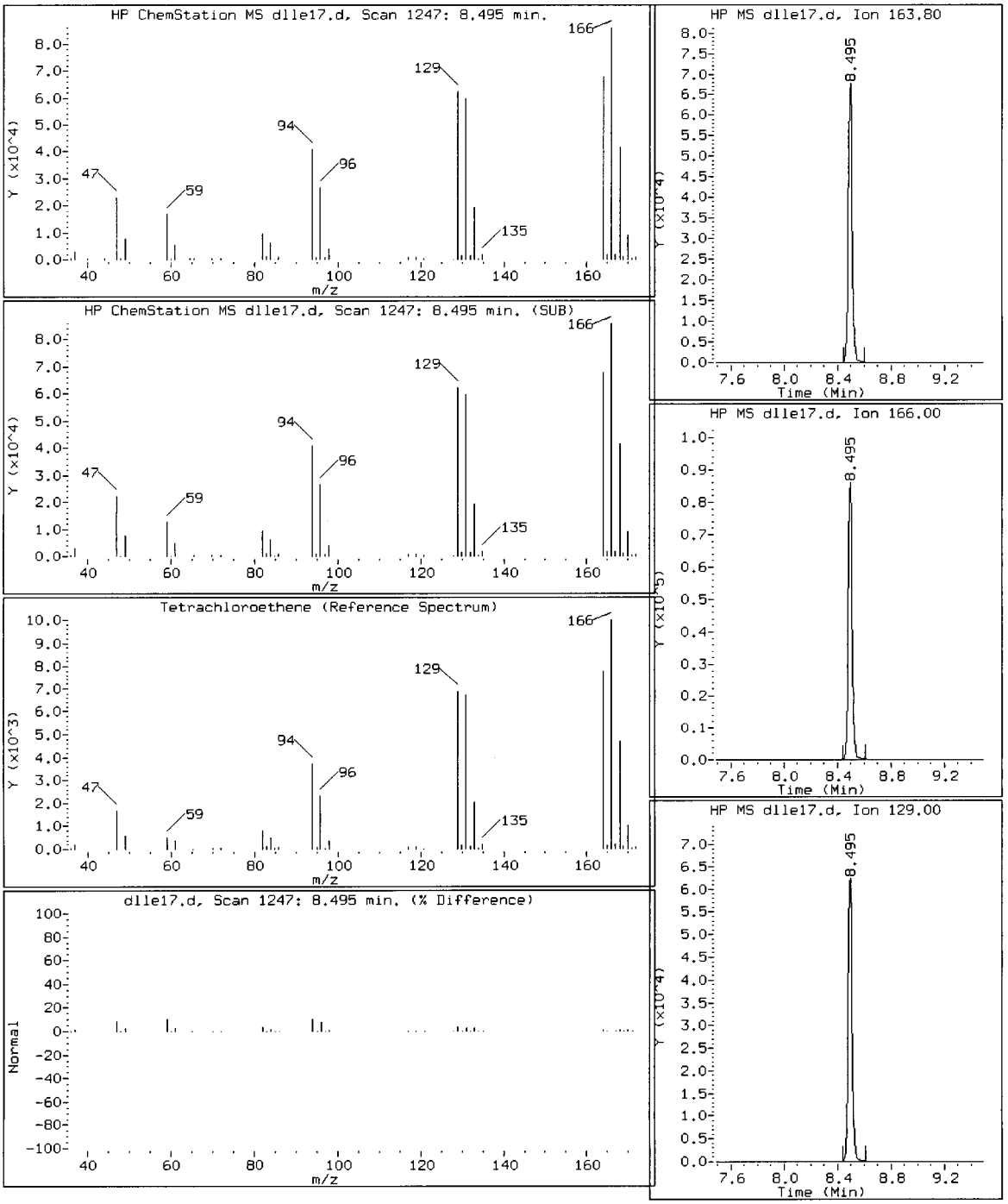
Data File: dlle17.d

Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 16:38

Client ID: MW-7S_050214 Instrument: D.i

Sample Info: 200-22183-C-9 Operator: JSW

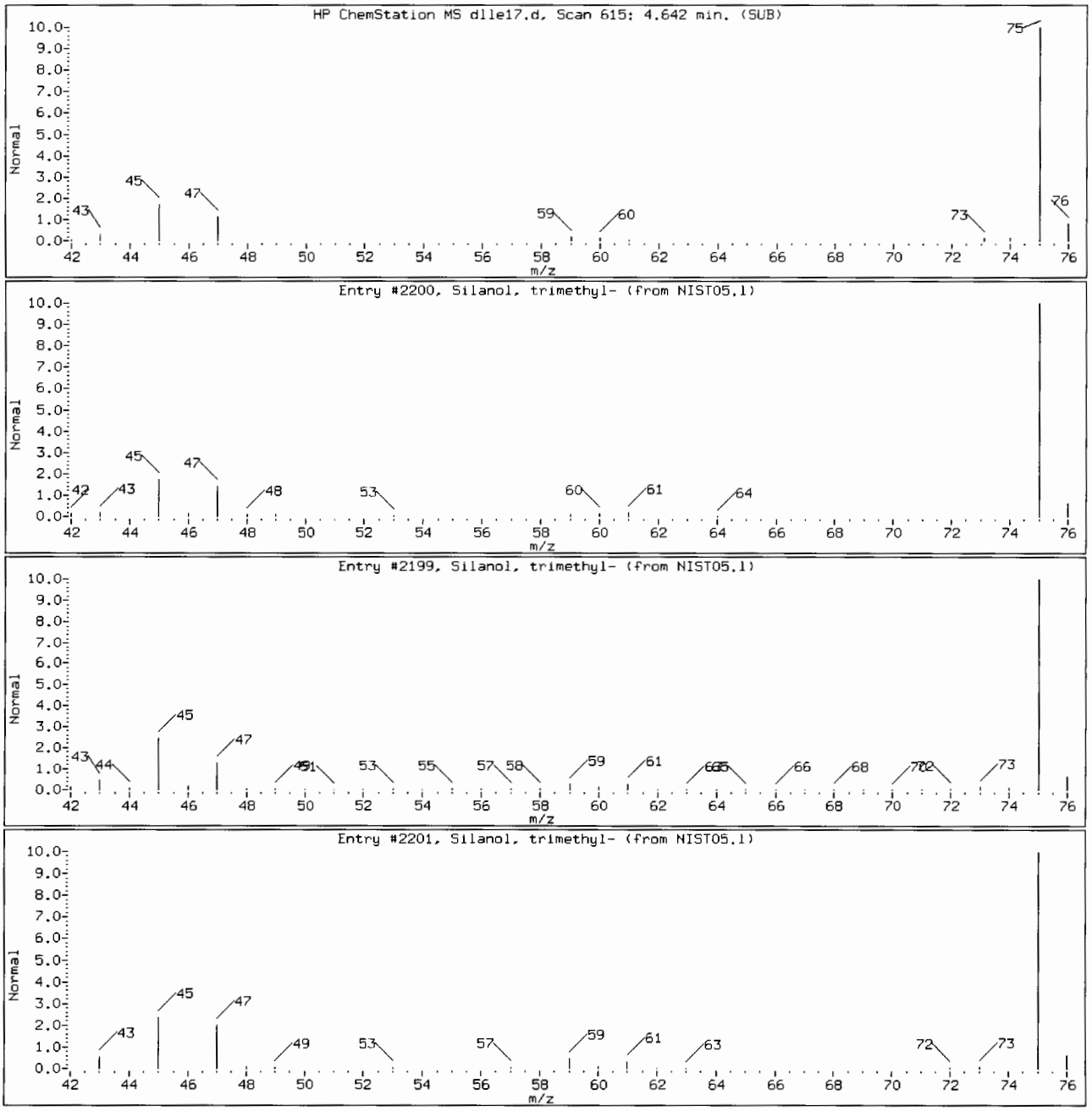
45 Tetrachloroethene



Data File: dlle17.d
Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 16:38
Client ID: MW-7S_050214 Instrument: D.i
Sample Info: 200-22183-C-9 Operator: JSW

Retention Time: 4.64

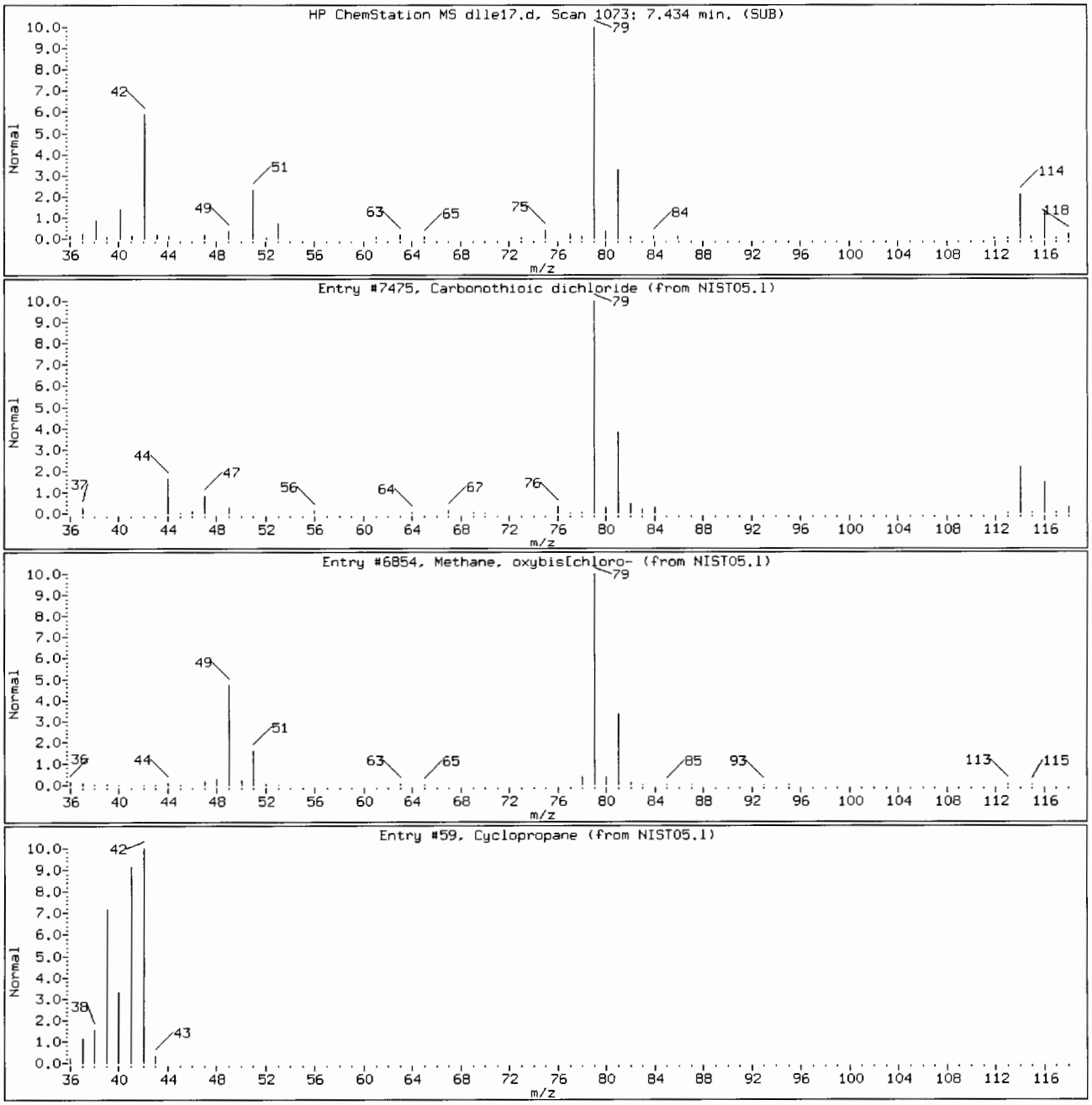
Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Silanol, trimethyl-	1066-40-6	NIST05.1	2200	64	C3H10OSi	90
Silanol, trimethyl-	1066-40-6	NIST05.1	2199	33	C3H10OSi	90
Silanol, trimethyl-	1066-40-6	NIST05.1	2201	9	C3H10OSi	90



Data File: dlle17.d
Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 16:38
Client ID: MW-7S_050214 Instrument: D.i
Sample Info: 200-22183-C-9 Operator: JSW

Retention Time: 7.43

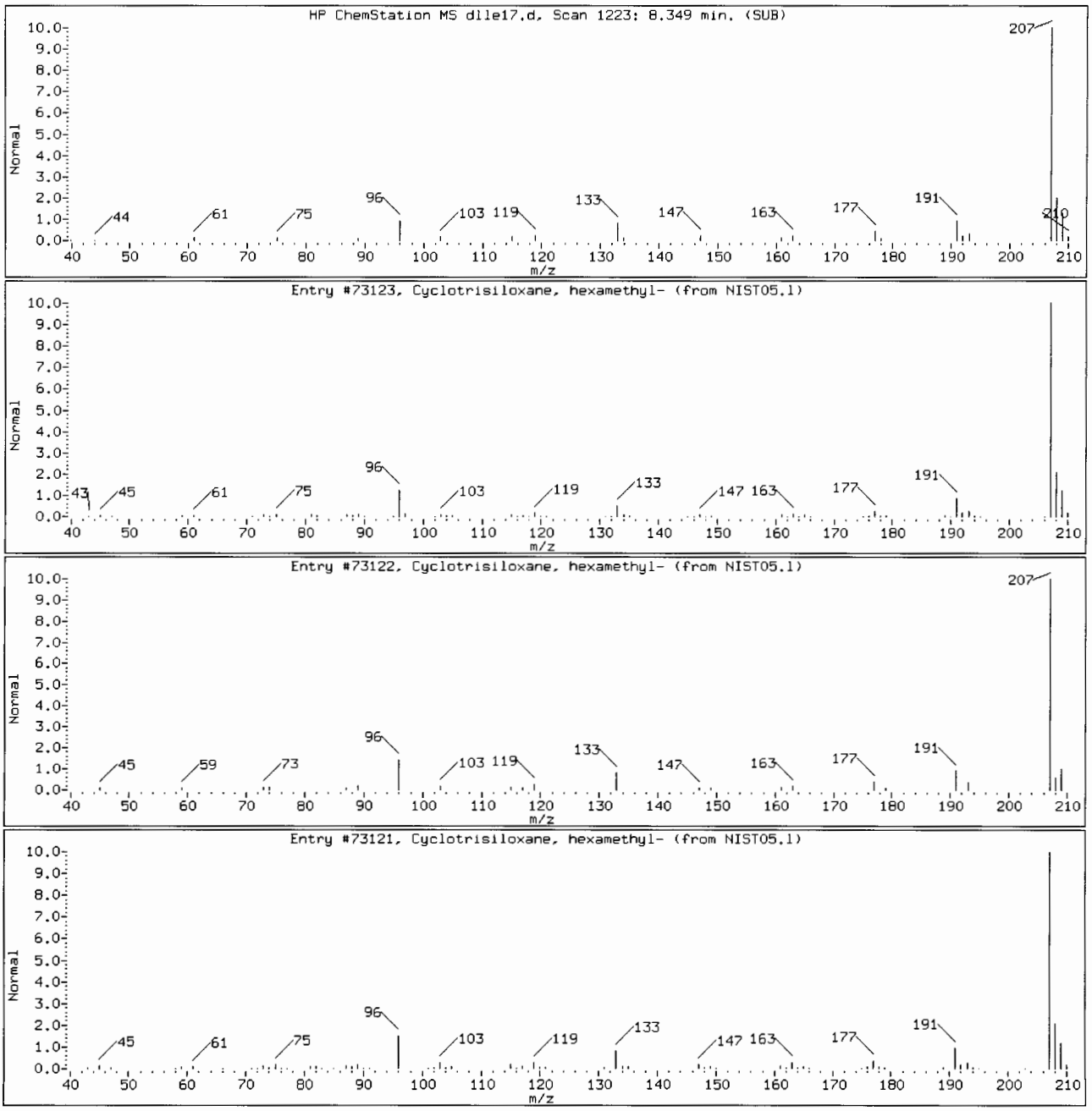
Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Carbonothioic dichloride	463-71-8	NIST05.1	7475	52	CCl2S	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6854	23	C2H4Cl2O	114
Cyclopropane	75-19-4	NIST05.1	59	9	C3H6	42



Data File: d11e17.d
Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 16:38
Client ID: MW-7S_050214 Instrument: D.i
Sample Info: 200-22183-C-9 Operator: JSW

Retention Time: 8.35

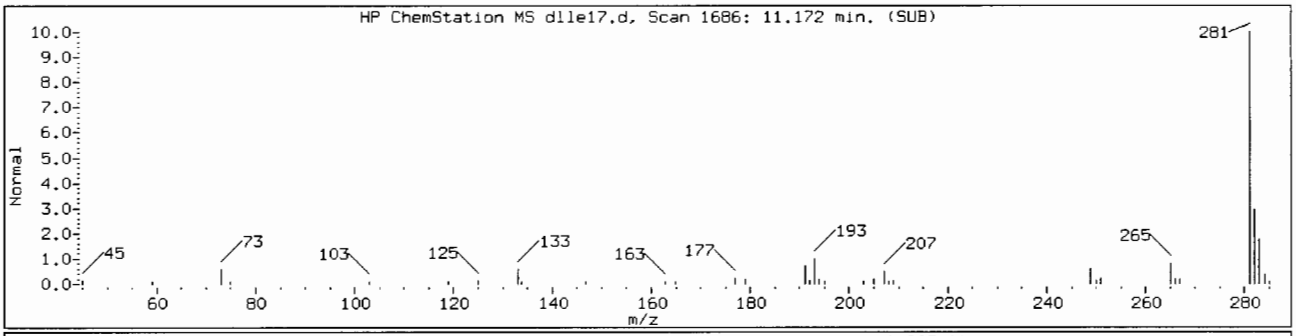
Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST05.1	73123	83	C6H18O3Si3	222
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST05.1	73122	72	C6H18O3Si3	222
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST05.1	73121	52	C6H18O3Si3	222

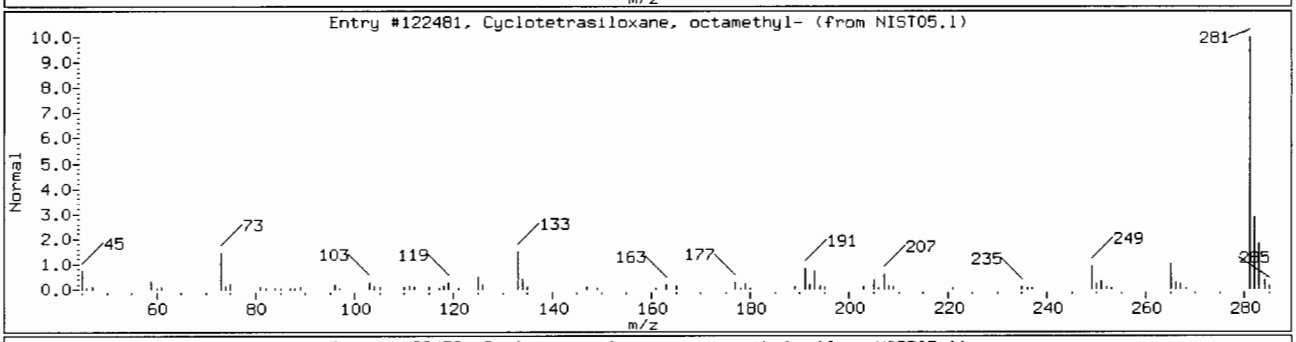


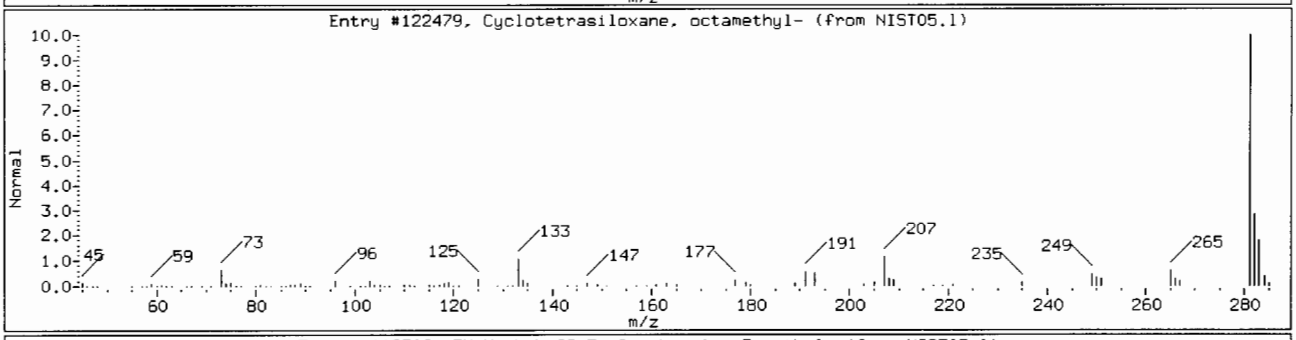
Data File: d11e17.d
Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 16:38
Client ID: MW-7S_050214 Instrument: D.i
Sample Info: 200-22183-C-9 Operator: JSW

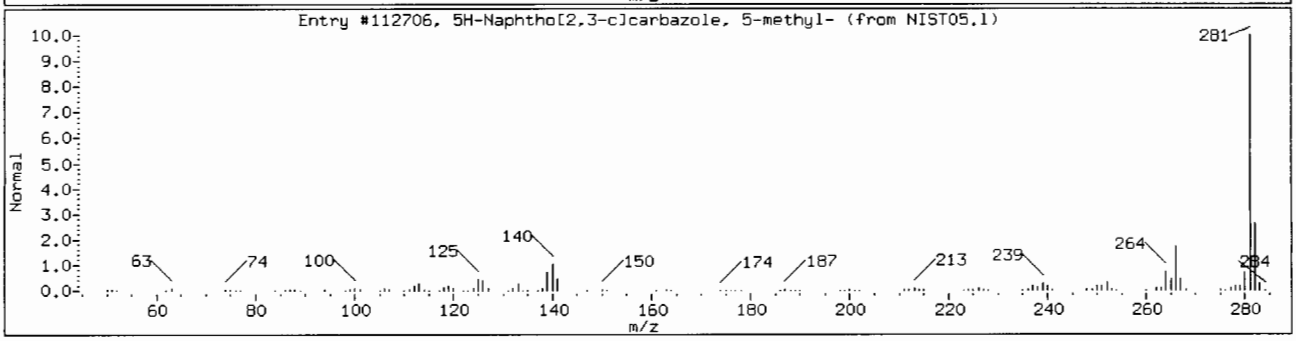
Retention Time: 11.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST05.1	122481	86	C8H24O4Si4	296
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST05.1	122479	78	C8H24O4Si4	296
5H-Naphtho[2,3-c]carbazole, 5-meth	100025-44-3	NIST05.1	112706	59	C21H15N	281









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-7S_050214 DL | Lab Sample ID: 200-22183-9 DL

Matrix: Water | Lab File ID: dlle09.d

Analysis Method: SOM01.2/VOA_Tr | Date Collected: 05/02/2014 08:58

Sample wt/vol: 25(mL) | Date Analyzed: 05/13/2014 13:21

Soil Aliquot Vol: | Dilution Factor: 70

Soil Extract Vol.: | GC Column: DB-624 ID: 0.2(mm)

% Moisture: | Level: (low/med) Trace

Analysis Batch No.: 72092 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	35	U	35	5.2
74-87-3	Chloromethane	35	U	35	4.3
75-01-4	Vinyl chloride	35	U	35	4.7
74-83-9	Bromomethane	35	U	35	4.8
75-00-3	Chloroethane	35	U	35	6.5
75-69-4	Trichlorofluoromethane	35	U	35	6.9
75-35-4	1,1-Dichloroethene	52	D	35	2.6
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	35	U	35	2.7
67-64-1	Acetone	350	U	350	64
75-15-0	Carbon disulfide	35	U	35	3.5
79-20-9	Methyl acetate	35	U	35	9.8
75-09-2	Methylene chloride	35	U	35	4.9
156-60-5	trans-1,2-Dichloroethene	35	U	35	3.3
1634-04-4	Methyl tert-butyl ether	35	U	35	4.3
75-34-3	1,1-Dichloroethane	35	U	35	5.3
156-59-2	cis-1,2-Dichloroethene	180	D	35	3.7
78-93-3	2-Butanone	350	U	350	62
74-97-5	Bromochloromethane	35	U	35	5.1
67-66-3	Chloroform	35	U	35	5.7
71-55-6	1,1,1-Trichloroethane	59	D	35	5.5
110-82-7	Cyclohexane	35	U	35	4.6
56-23-5	Carbon tetrachloride	35	U	35	4.6
71-43-2	Benzene	35	U	35	4.5
107-06-2	1,2-Dichloroethane	35	U	35	6.2
79-01-6	Trichloroethene	1000	D	35	5.6
108-87-2	Methylcyclohexane	35	U	35	5.4
78-87-5	1,2-Dichloropropane	35	U	35	4.9
75-27-4	Bromodichloromethane	35	U	35	4.3
10061-01-5	cis-1,3-Dichloropropene	35	U	35	4.2
108-10-1	4-Methyl-2-pentanone	350	U	350	57
108-88-3	Toluene	35	U	35	4.8
10061-02-6	trans-1,3-Dichloropropene	35	U	35	15
79-00-5	1,1,2-Trichloroethane	35	U	35	6.1
127-18-4	Tetrachloroethene	140	D	35	5.5
591-78-6	2-Hexanone	350	U	350	67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-7S_050214 DL | Lab Sample ID: 200-22183-9 DL

Matrix: Water | Lab File ID: dlle09.d

Analysis Method: SOM01.2/VOA_Tr | Date Collected: 05/02/2014 08:58

Sample wt/vol: 25(mL) | Date Analyzed: 05/13/2014 13:21

Soil Aliquot Vol: | Dilution Factor: 70

Soil Extract Vol.: | GC Column: DB-624 ID: 0.2(mm)

% Moisture: | Level: (low/med) Trace

Analysis Batch No.: 72092 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	35	U	35	4.7
106-93-4	1,2-Dibromoethane	35	U	35	4.1
108-90-7	Chlorobenzene	35	U	35	4.4
100-41-4	Ethylbenzene	35	U	35	4.1
95-47-6	o-Xylene	35	U	35	4.6
179601-23-1	m,p-Xylene	35	U	35	4.8
100-42-5	Styrene	35	U	35	4.3
75-25-2	Bromoform	35	U	35	5.8
98-82-8	Isopropylbenzene	35	U	35	4.1
79-34-5	1,1,2,2-Tetrachloroethane	35	U	35	6.4
541-73-1	1,3-Dichlorobenzene	35	U	35	4.5
106-46-7	1,4-Dichlorobenzene	35	U	35	4.1
95-50-1	1,2-Dichlorobenzene	35	U	35	5.0
96-12-8	1,2-Dibromo-3-chloropropane	35	U	35	11
120-82-1	1,2,4-Trichlorobenzene	35	U	35	4.6
87-61-6	1,2,3-Trichlorobenzene	35	U	35	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
6745-35-3	Vinyl chloride-d3	119	D	65-131
19199-91-8	Chloroethane-d5	124	D	71-131
22280-73-5	1,1-Dichloroethene-d2	97	D	55-104
24313-50-6	2-Butanone-d5	111	D	49-155
865-49-6	Chloroform-d	112	D	78-121
17060-07-0	1,2-Dichloroethane-d4	133	D X	78-129
1076-43-3	Benzene-d6	108	D	77-124
93952-08-0	1,2-Dichloropropane-d6	94	D	79-124
2037-26-5	Toluene-d8	107	D	77-121
93951-86-1	trans-1,3-Dichloropropene-d4	101	D	73-121
4840-82-8	2-Hexanone-d5	107	D	28-135
33685-54-0	1,1,2,2-Tetrachloroethane-d2	100	D	73-125
2199-69-1	1,2-Dichlorobenzene-d4	97	D	80-131

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington
Job No.: 200-22132-1
SDG No.: 200-22132
Client Sample ID: MW-7S_050214 DL
Lab Sample ID: 200-22183-9 DL
Matrix: Water
Lab File ID: dlle09.d
Analysis Method: SOM01.2/VOA_Tr
Date Collected: 05/02/2014 08:58
Sample wt/vol: 25(mL)
Date Analyzed: 05/13/2014 13:21
Soil Aliquot Vol:
Dilution Factor: 70
Soil Extract Vol.:
GC Column: DB-624 ID: 0.2(mm)
% Moisture:
Level: (low/med) Trace
Analysis Batch No.: 72092
Units: ug/L
Number TICs Found: 4
TIC Result Total: 361

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	4.64	37	D J
	Unknown	7.43	220	B D J
	Unknown	8.35	41	D J
	Unknown	11.17	63	D J

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington
Job No.: 200-22132-1
SDG No.: 200-22132
Client Sample ID: MW-7S_050214 DL
Lab Sample ID: 200-22183-9 DL
Matrix: Water
Lab File ID: dlle09.d
Analysis Method: SOM01.2/VOA_Tr
Date Collected: 05/02/2014 08:58
Sample wt/vol: 25(mL)
Date Analyzed: 05/13/2014 13:21
Soil Aliquot Vol:
Dilution Factor: 70
Soil Extract Vol.:
GC Column: DB-624 ID: 0.2(mm)
% Moisture:
Level: (low/med) Trace
Analysis Batch No.: 72092
Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Total Alkanes			

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-9
Client Smp ID: MW-7S_050214DL
Inj Date : 13-MAY-2014 13:21
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-C-9
Misc Info : 70,5
Comment :
Method : /chem/D.i/Dsvr.p/dllesmtr.b/somtr5t.m
Meth Date : 14-May-2014 11:05 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 9
Dil Factor: 70.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	70.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
$	3 Vinyl chloride-d3	65	1.777	1.771	(0.291)	84630	148.254	5.9(a)
	4 Vinyl chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.137	2.131	(0.350)	67113	155.307	6.2(a)
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
$	9 1,1-Dichloroethene-d2	63	2.844	2.838	(0.466)	142303	121.378	4.9(aQ)
	10 1,1-Dichloroethene	96	2.856	2.850	(0.468)	10083	18.5060	52(Q)
	11 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	12 Acetone	43	Compound Not Detected.					
	13 Carbon disulfide	76	Compound Not Detected.					
	14 Methyl acetate	43	Compound Not Detected.					
	15 Methylene chloride	84	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	16 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	17 Methyl tert-butyl ether	73	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
$	19 2-Butanone-d5	46	4.679	4.703	(0.766)	89948	1389.27	56(a)
	20 cis-1,2-Dichloroethene	96	4.703	4.697	(0.770)	34897	62.9517	180
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.032	5.026	(0.824)	137865	139.479	5.6(a)
	24 Chloroform	83	Compound Not Detected.					
	25 1,1,1-Trichloroethane	97	5.258	5.252	(0.555)	21050	21.1328	59
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	5.611	5.612	(0.919)	58112	166.227	6.6(aR)
$	29 Benzene-d6	84	5.630	5.630	(0.594)	304056	134.894	5.4(a)
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	6.105	6.099	(1.000)	247810	125.000	
	33 Trichloroethene	95	6.392	6.392	(0.674)	228054	374.040	1000
$	34 1,2-Dichloropropane-d6	67	6.550	6.550	(0.691)	74461	118.004	4.7(aQ)
	35 Methylcyclohexane	55	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
	38 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	39 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	40 Toluene-d8	98	7.782	7.782	(0.821)	298495	133.744	5.3(a)
	41 Toluene	91	Compound Not Detected.					
$	42 trans-1,3-Dichloropropene-d4	79	8.087	8.087	(0.853)	58470	126.776	5.1(a)
	43 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	44 1,1,2-Trichloroethane	97	Compound Not Detected.					
	45 Tetrachloroethene	164	8.495	8.489	(0.896)	31546	51.5534	140
$	46 2-Hexanone-d5	63	8.599	8.599	(0.907)	69877	1333.98	53(aQ)
	47 2-Hexanone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
	49 1,2-Dibromoethane	107	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	9.477	9.477	(1.000)	192914	125.000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	Compound Not Detected.					
	53 m,p-Xylene	106	Compound Not Detected.					
	55 o-Xylene	106	Compound Not Detected.					
	54 Styrene	104	Compound Not Detected.					
	56 Bromoform	172	Compound Not Detected.					
	57 Isopropylbenzene	105	Compound Not Detected.					
$	58 1,1,2,2-Tetrachloroethane-d2	84	11.056	11.050	(1.167)	27093	124.705	5.0(a)
	59 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	60 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	61 1,4-Dichlorobenzene-d4	152	12.293	12.293	(1.000)	93092	125.000	
	62 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$ 63 1,2-Dichlorobenzene-d4	152	12.720	12.720	(1.035)	80813	121.267	4.9(a)
64 1,2-Dichlorobenzene	146	Compound Not Detected.					
65 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
66 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
67 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-9
Client Smp ID: MW-7S_050214DL
Inj Date : 13-MAY-2014 13:21
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-C-9
Misc Info : 70,5
Comment :
Method : /chem/D.i/Dsvr.p/dllesmtr.b/somtr5t.m
Meth Date : 14-May-2014 11:05 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 9
Dil Factor: 70.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	70.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 32 1,4-Difluorobenzene	6.105	581079	125.000
* 50 Chlorobenzene-d5	9.477	608329	125.000
* 61 1,4-Dichlorobenzene-d4	12.293	564238	125.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
4.642	62115	13.3619350	37	0		0	32

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/L)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
7.434	363465	78.1874625	220	0		0	32
Unknown				CAS #:			
8.349	70891	14.5668098	41	0		0	50
Unknown				CAS #:			
11.171	101620	22.5126248	63	0		0	61

Data File: /chem/D.i/Dsvr.p/dllesmtr.b/dlle09.d

Date : 13-MAY-2014 13:21

Client ID: MW-7S_050214DL

Instrument: D.i

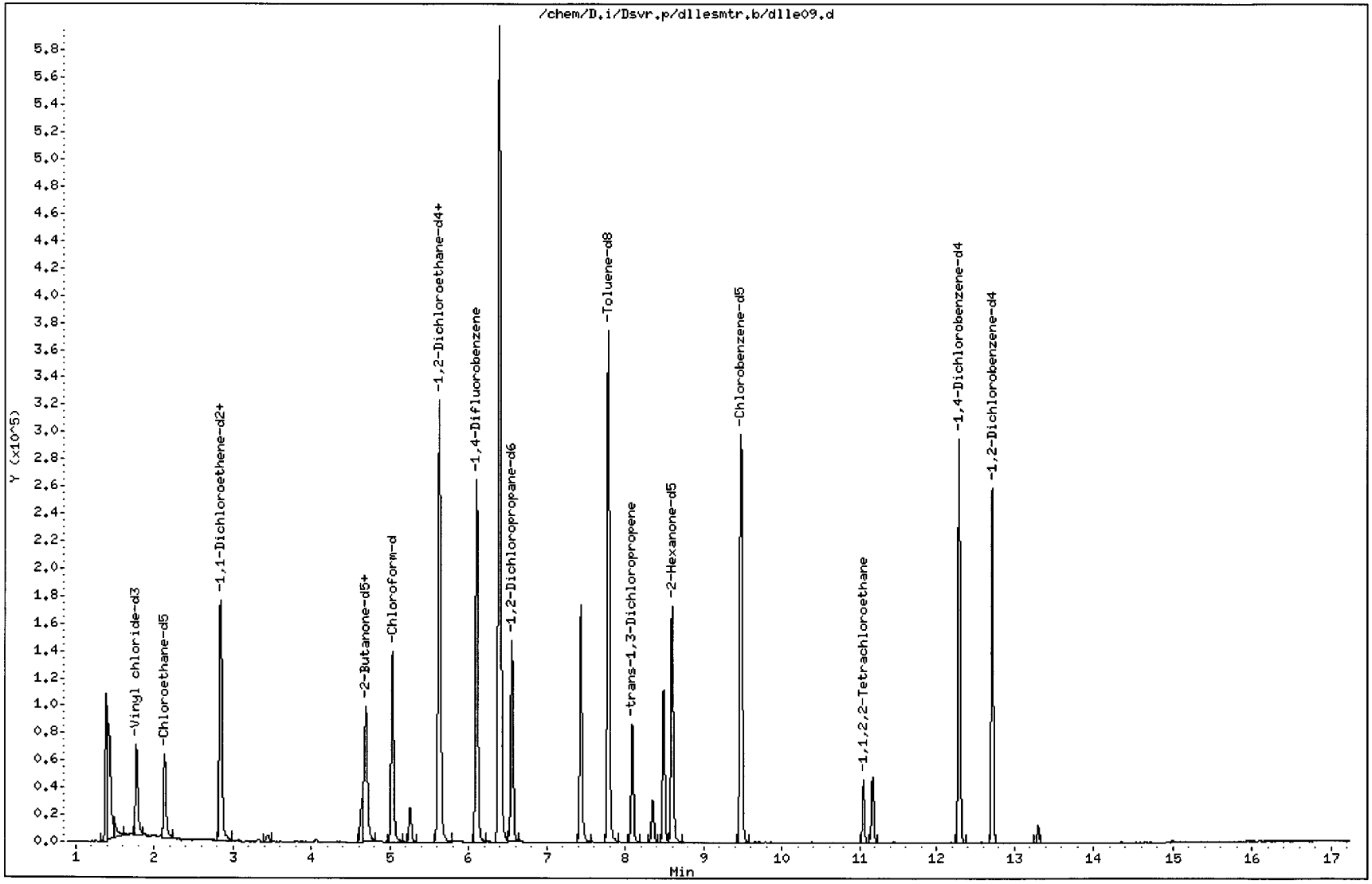
Sample Info: 200-22183-C-9

Purge Volume: 25.0

Operator: JSW

Column phase: DB-624

Column diameter: 0.20



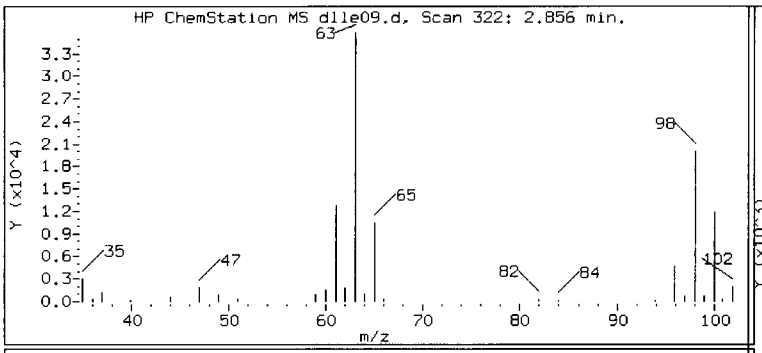
Data File: dlle09.d

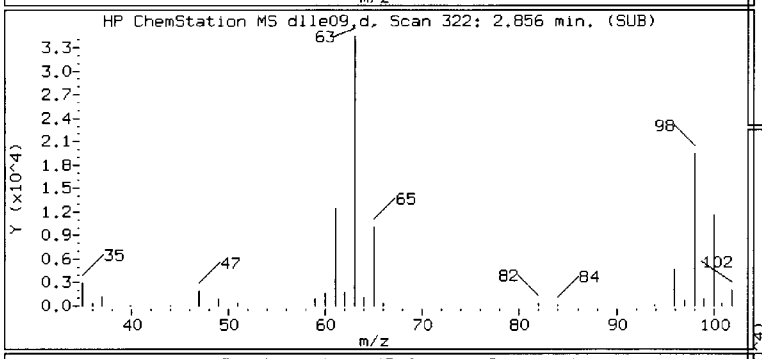
Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 13:21

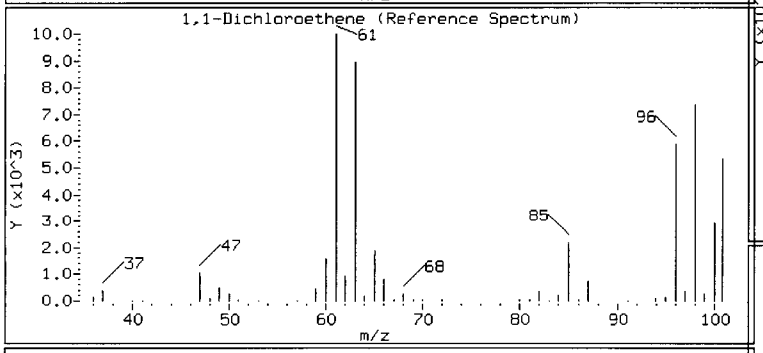
Client ID: MW-7S_050214DL Instrument: D.i

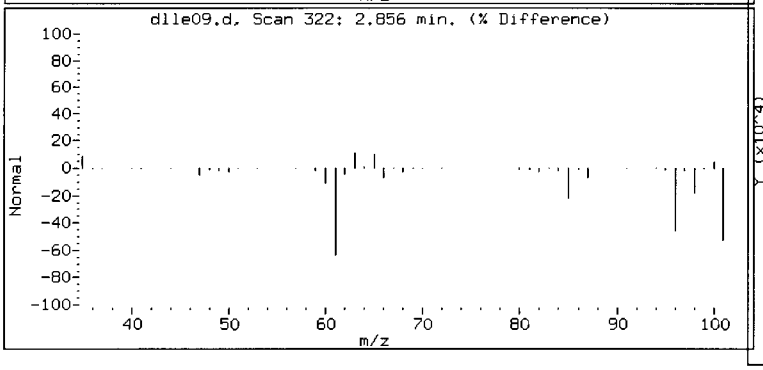
Sample Info: 200-22183-C-9 Operator: JSW

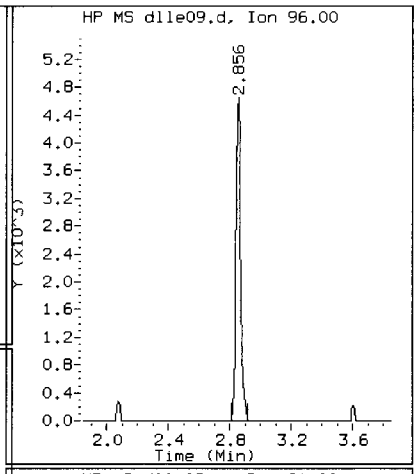
10 1,1-Dichloroethene

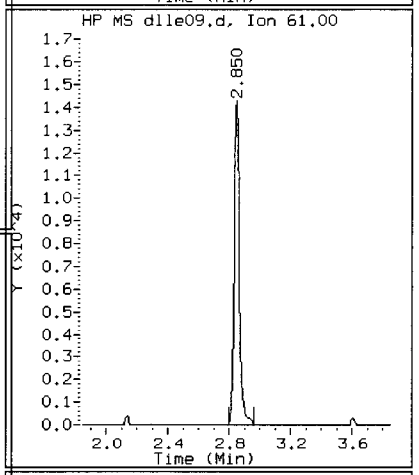


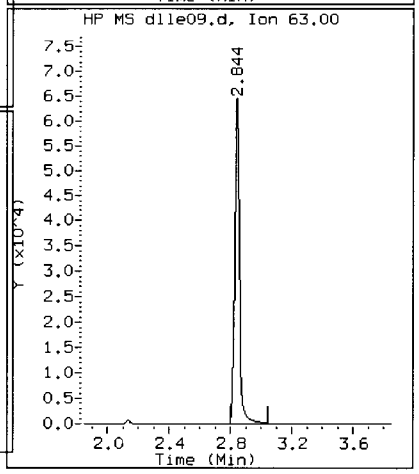












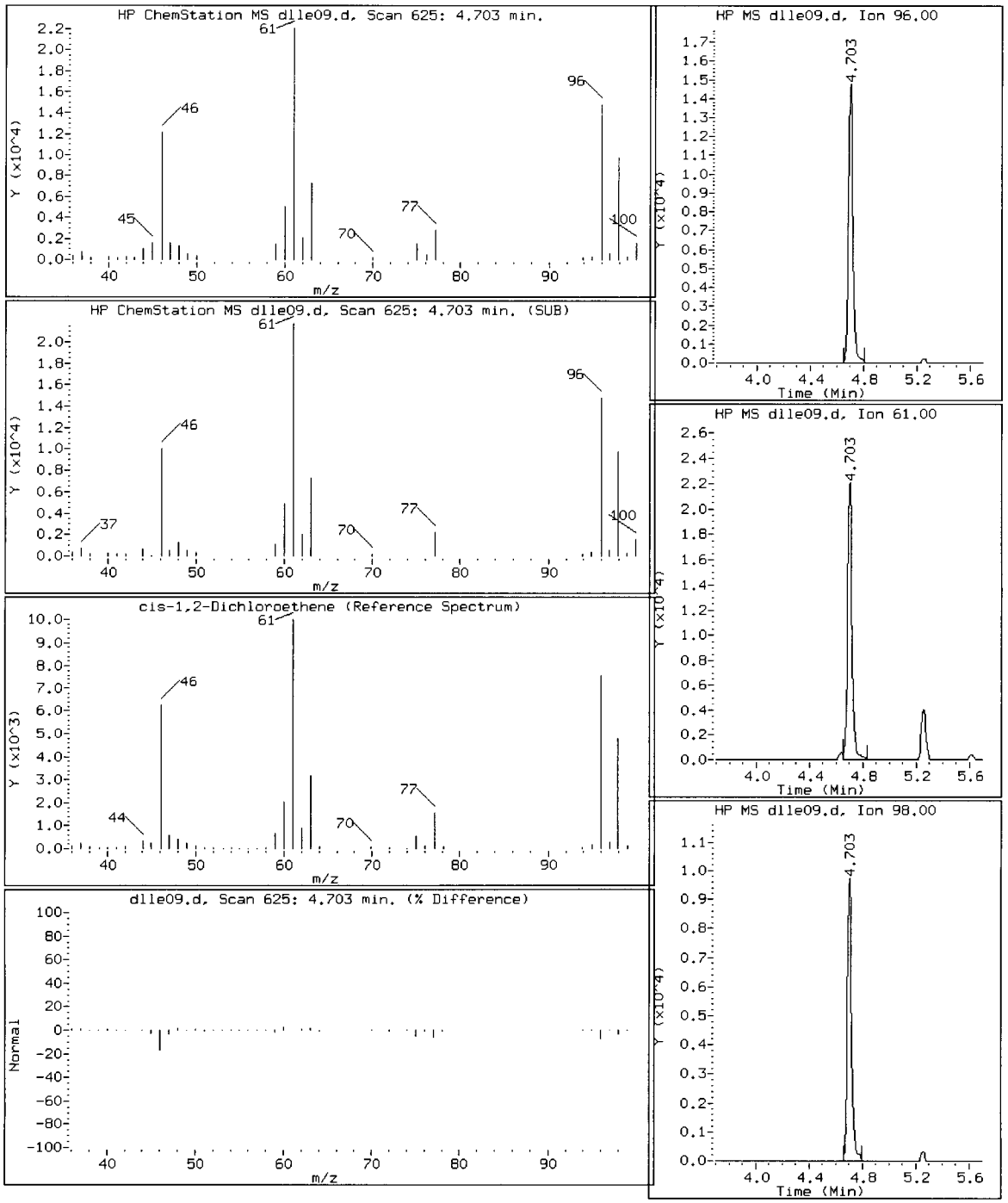
Data File: dlle09.d

Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 13:21

Client ID: MW-7S_050214DL Instrument: D.i

Sample Info: 200-22183-C-9 Operator: JSW

20 cis-1,2-Dichloroethene



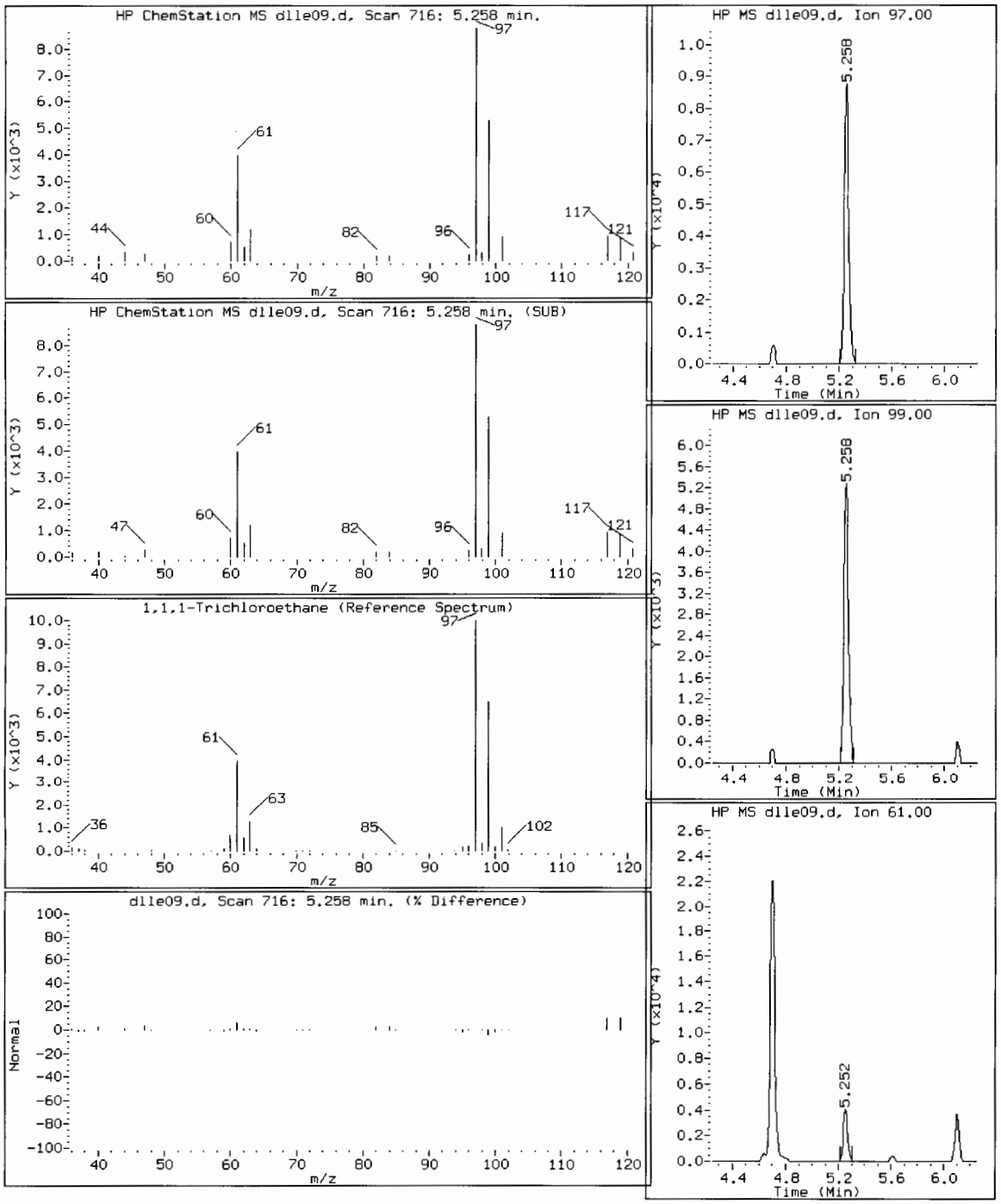
Data File: dlle09.d

Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 13:21

Client ID: MW-7S_050214DL Instrument: D.i

Sample Info: 200-22183-C-9 Operator: JSW

25 1,1,1-Trichloroethane



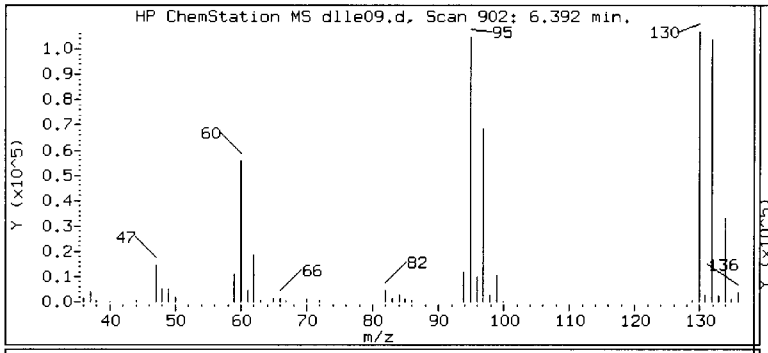
Data File: dlle09.d

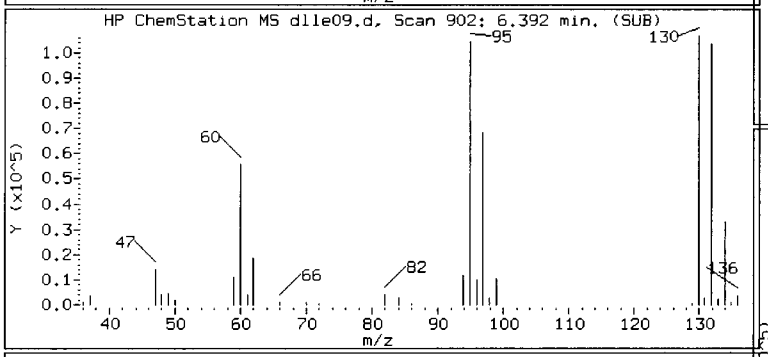
Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 13:21

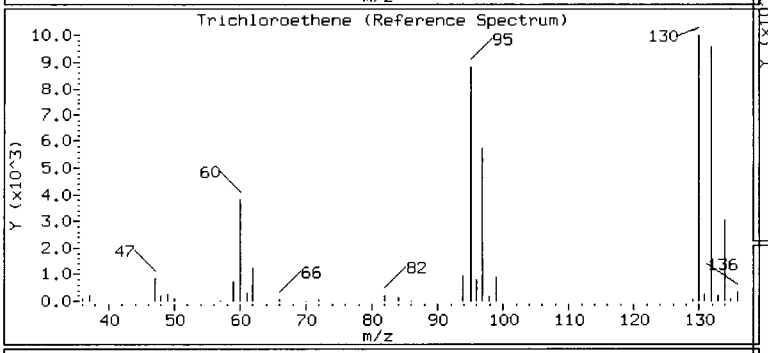
Client ID: MW-7S_050214DL Instrument: D.i

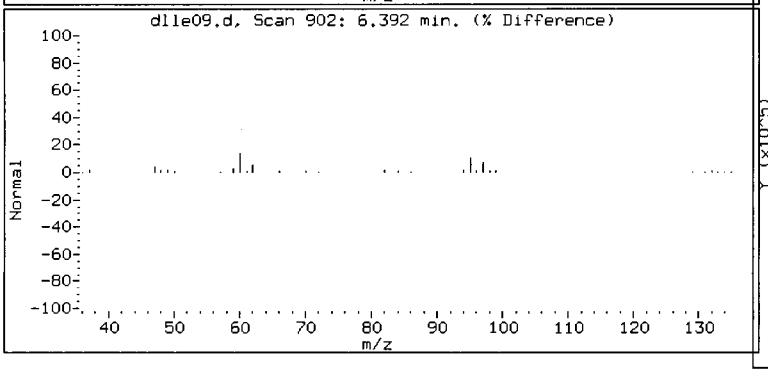
Sample Info: 200-22183-C-9 Operator: JSW

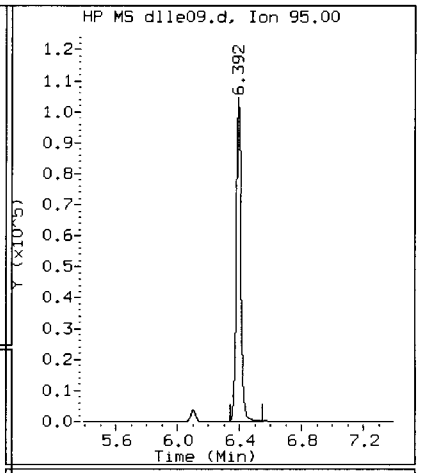
33 Trichloroethene

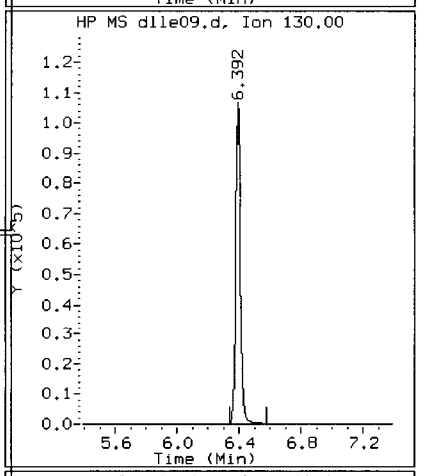


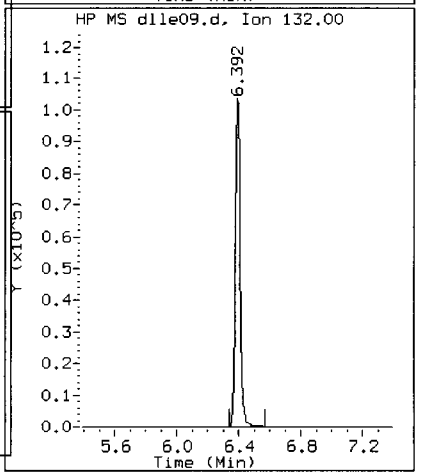












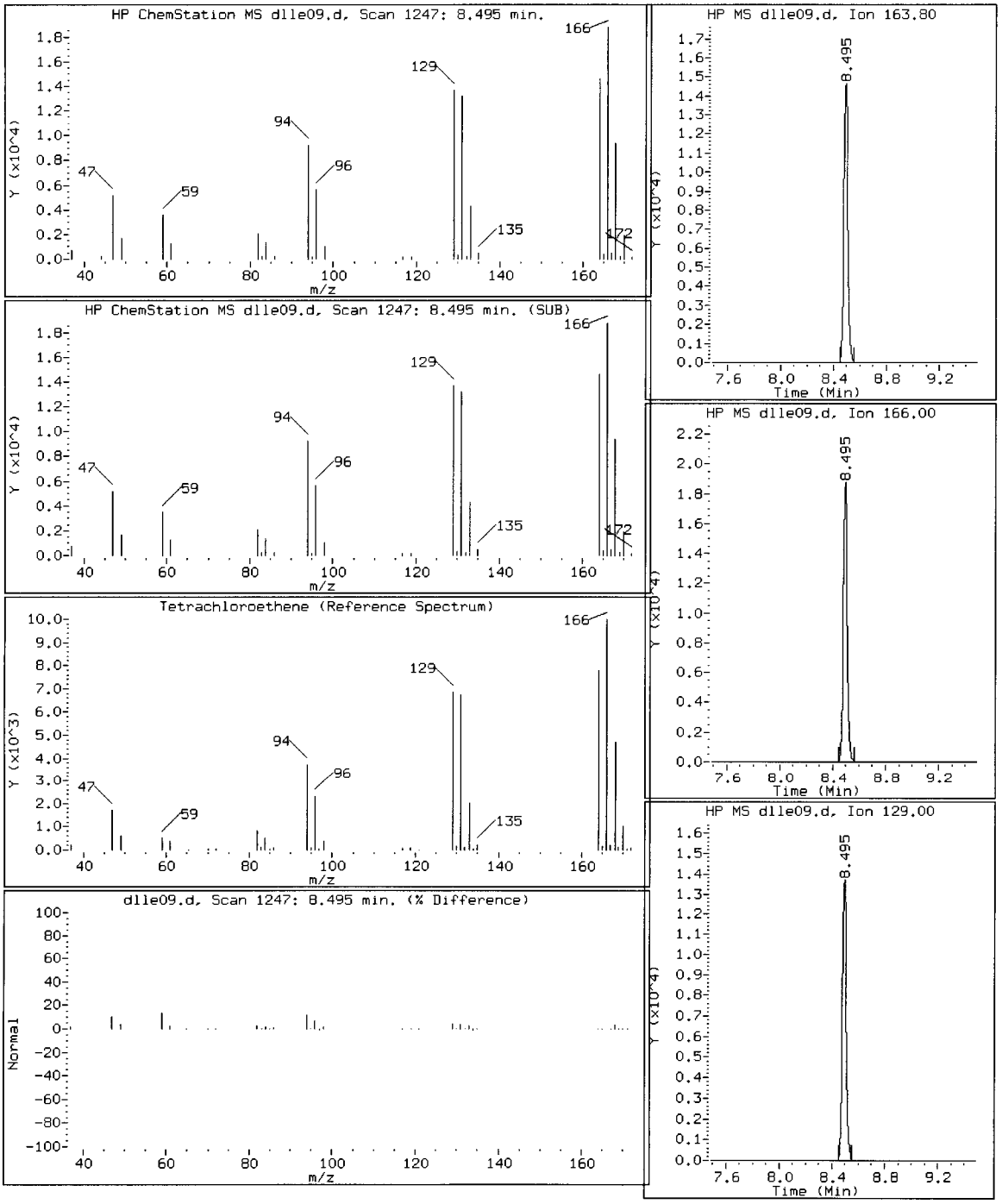
Data File: dlle09.d

Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 13:21

Client ID: MW-7S_050214DL Instrument: D.i

Sample Info: 200-22183-C-9 Operator: JSW

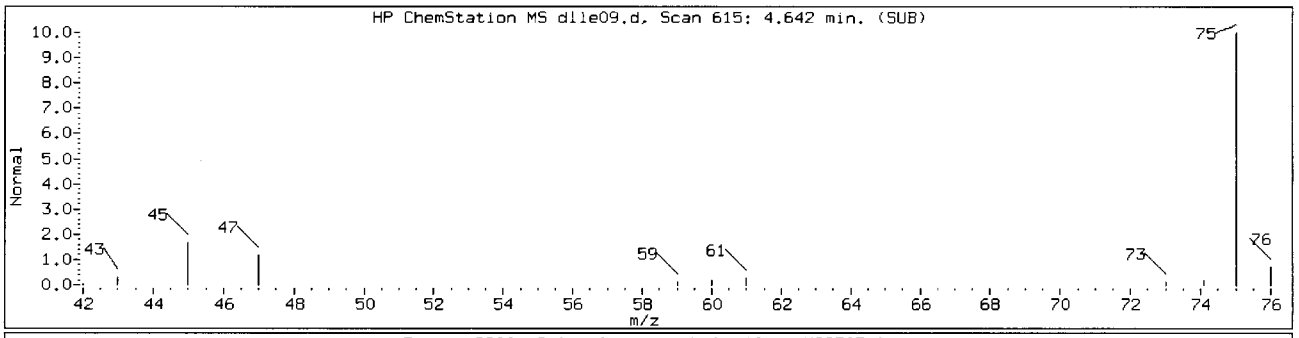
45 Tetrachloroethene

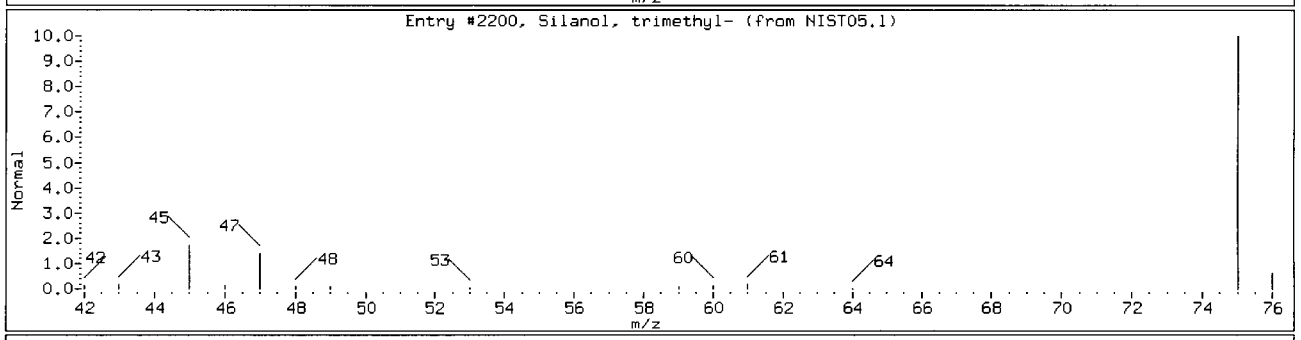


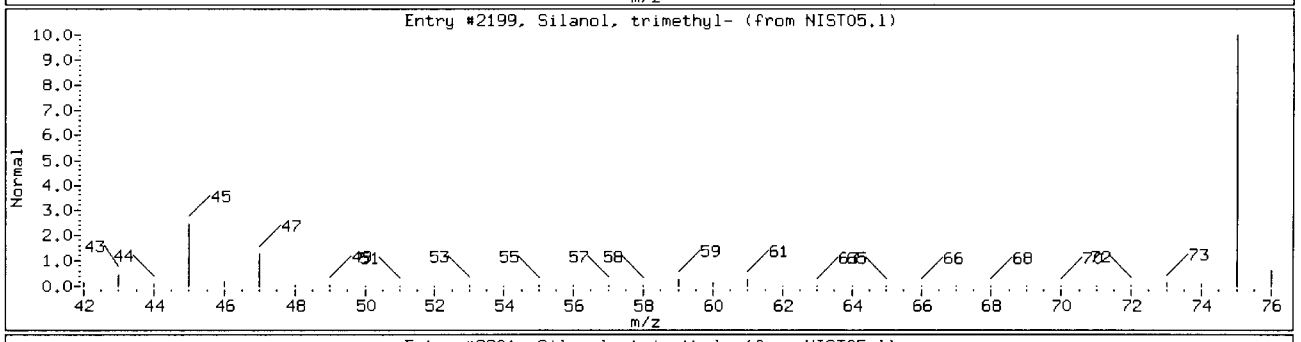
Data File: d11e09.d
Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 13:21
Client ID: MW-7S_050214DL Instrument: D.i
Sample Info: 200-22183-C-9 Operator: JSW

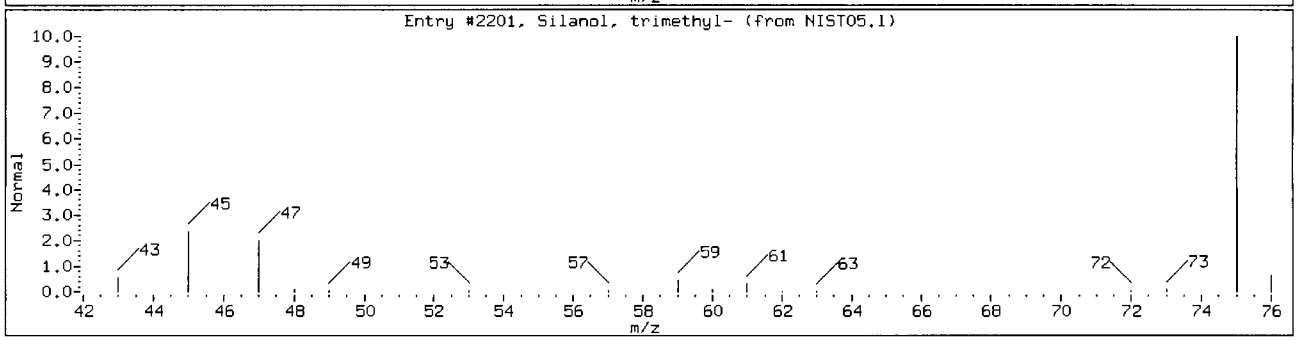
Retention Time: 4.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Silanol, trimethyl-	1066-40-6	NIST05.1	2200	74	C3H10OSi	90
Silanol, trimethyl-	1066-40-6	NIST05.1	2199	64	C3H10OSi	90
Silanol, trimethyl-	1066-40-6	NIST05.1	2201	9	C3H10OSi	90





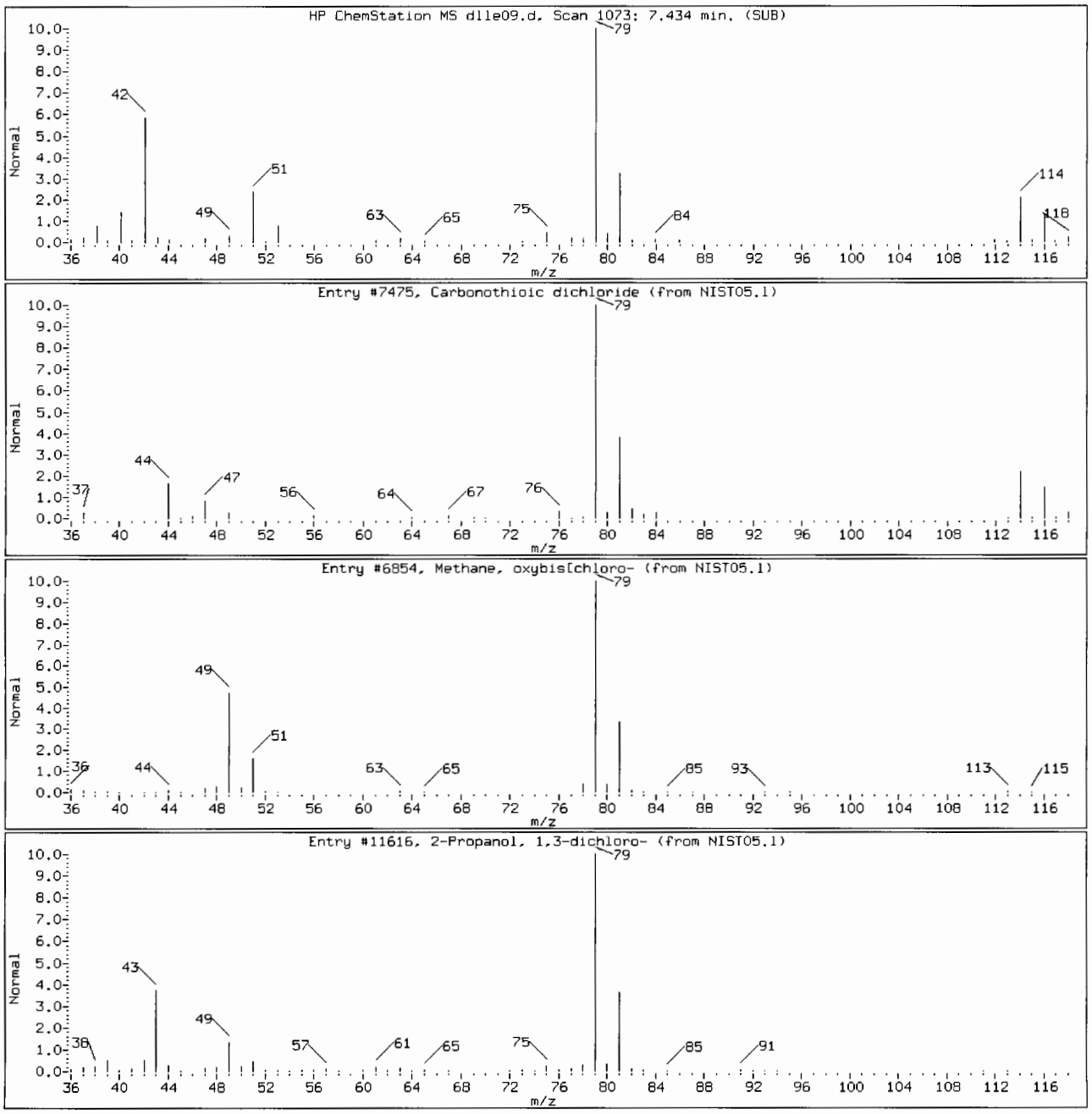




Data File: d11e09.d
Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 13:21
Client ID: MW-7S_050214DL Instrument: D.i
Sample Info: 200-22183-C-9 Operator: JSW

Retention Time: 7.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Carbonothioic dichloride	463-71-8	NIST05.1	7475	52	CCl2S	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6854	23	C2H4Cl2O	114
2-Propanol, 1,3-dichloro-	96-23-1	NIST05.1	11616	23	C3H6Cl2O	128



Data File: dlle09.d

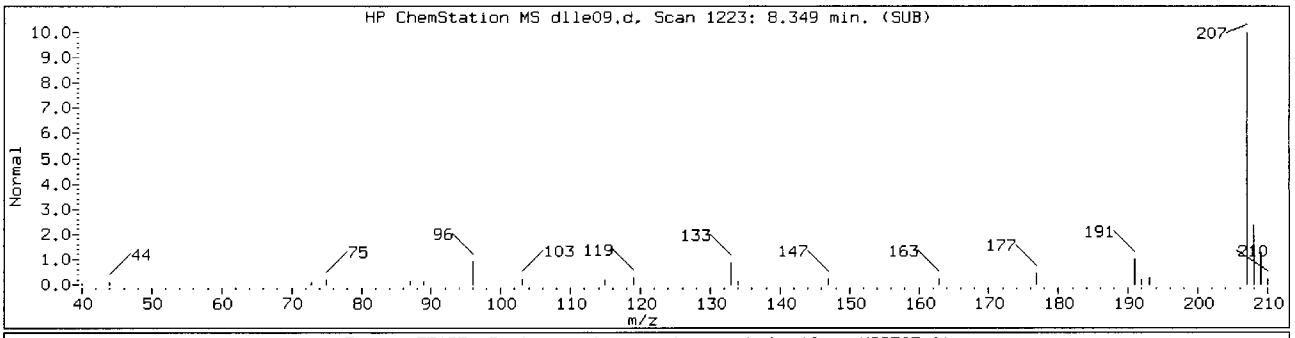
Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 13:21

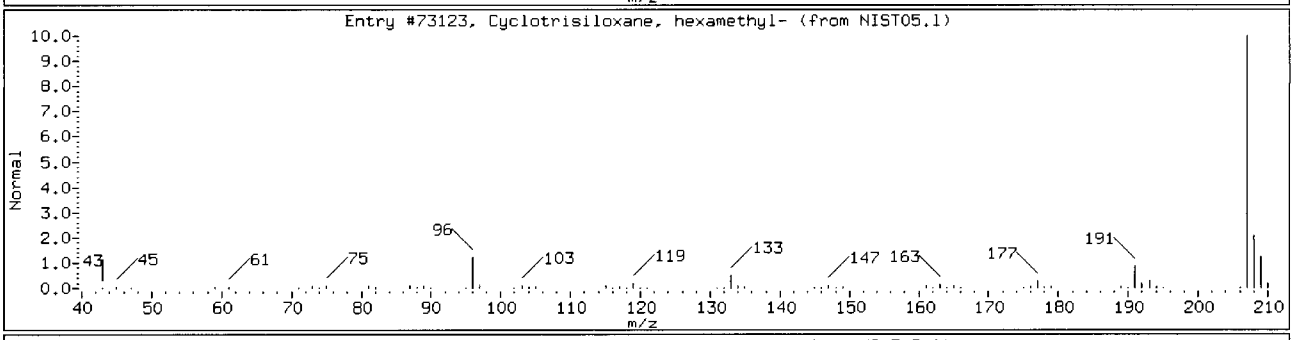
Client ID: MW-7S_050214DL Instrument: D.i

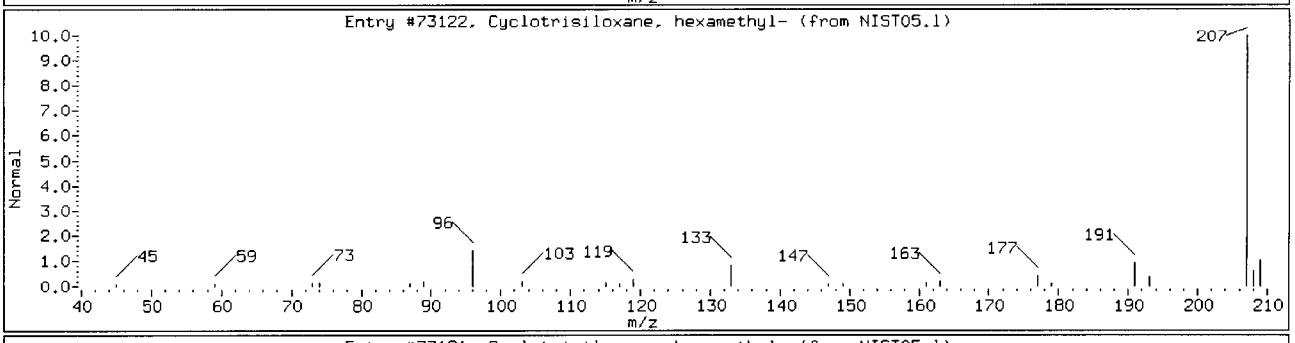
Sample Info: 200-22183-C-9 Operator: JSW

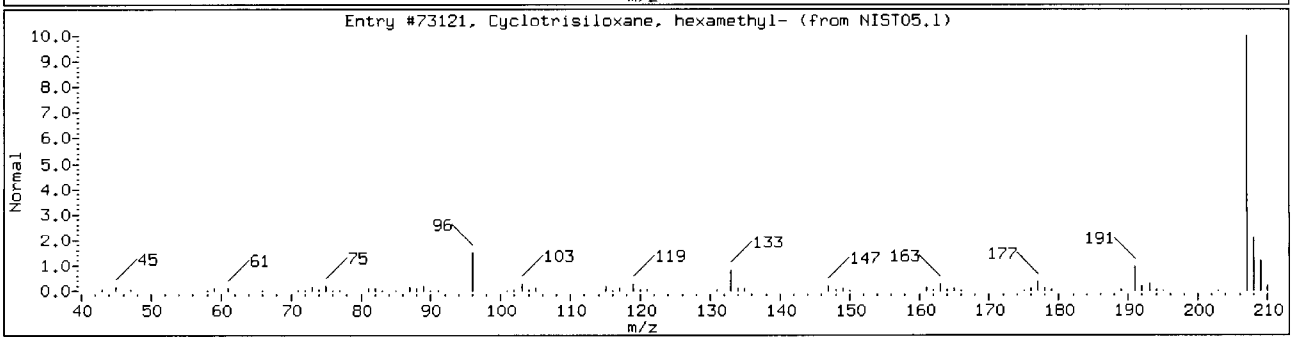
Retention Time: 8.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST05.1	73123	83	C6H18O3Si3	222
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST05.1	73122	72	C6H18O3Si3	222
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST05.1	73121	50	C6H18O3Si3	222









Data File: dlle09.d

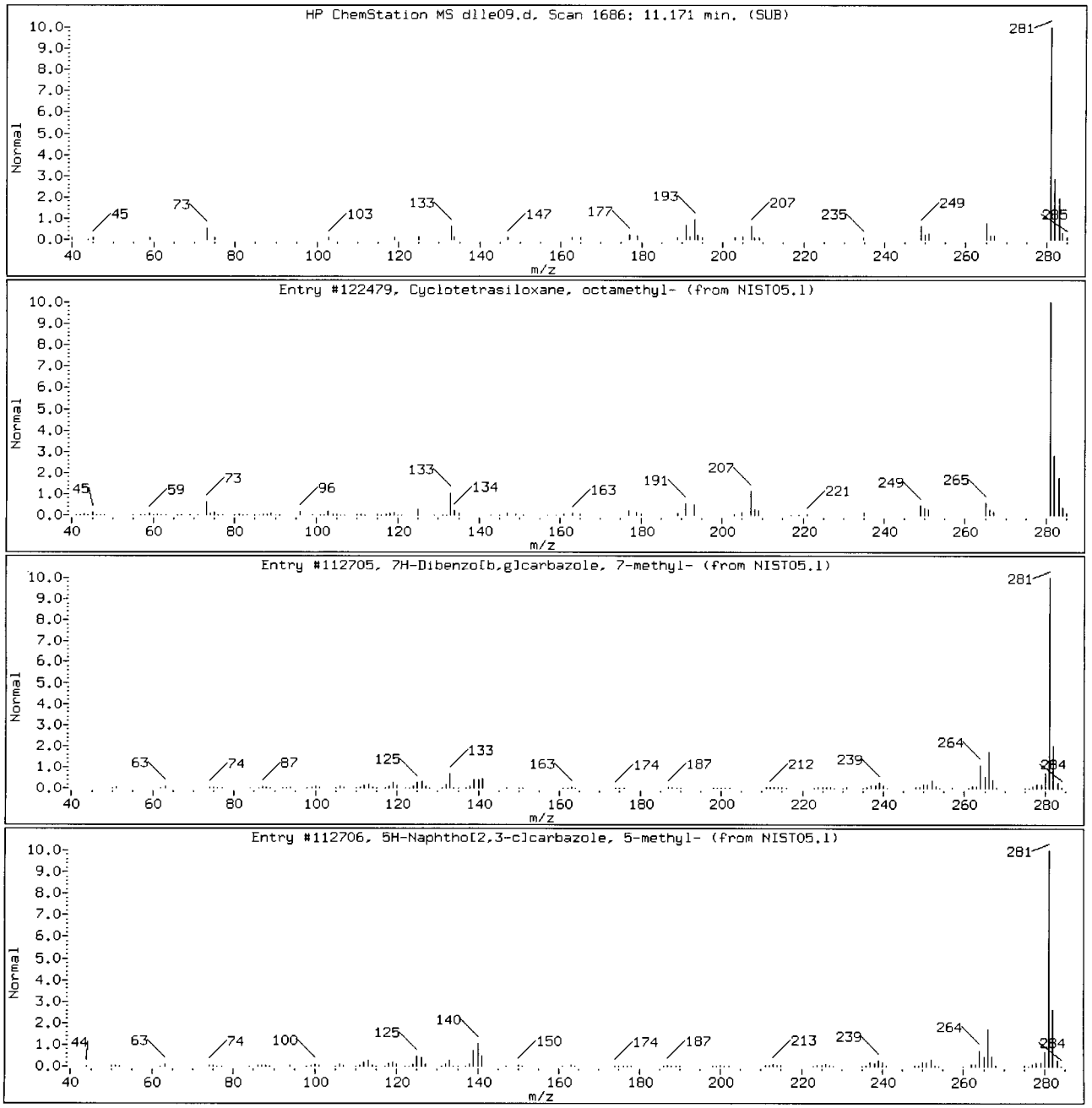
Lab Sample ID: 200-22183-9 Date: 13-MAY-2014 13:21

Client ID: MW-7S_050214DL Instrument: D.i

Sample Info: 200-22183-C-9 Operator: JSW

Retention Time: 11.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST05.1	122479	56	C8H24O4Si4	296
7H-Dibenzo[b,g]carbazole, 7-methyl	3557-49-1	NIST05.1	112705	50	C21H15N	281
5H-Naphtho[2,3-c]carbazole, 5-meth	100025-44-3	NIST05.1	112706	45	C21H15N	281



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington
Job No.: 200-22132-1
SDG No.: 200-22132
Client Sample ID: MW-5S_050214
Lab Sample ID: 200-22183-10
Matrix: Water
Lab File ID: d11e10.d
Analysis Method: SOM01.2/VOA_Tr
Date Collected: 05/02/2014 09:53
Sample wt/vol: 25(mL)
Date Analyzed: 05/13/2014 13:46
Soil Aliquot Vol:
Dilution Factor: 131
Soil Extract Vol.:
GC Column: DB-624 ID: 0.2(mm)
% Moisture:
Level: (low/med) Trace
Analysis Batch No.: 72092
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	66	U	66	9.7
74-87-3	Chloromethane	66	U	66	8.1
75-01-4	Vinyl chloride	66	U	66	8.8
74-83-9	Bromomethane	66	U	66	9.0
75-00-3	Chloroethane	66	U	66	12
75-69-4	Trichlorofluoromethane	66	U	66	13
75-35-4	1,1-Dichloroethene	700		66	4.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	66	U	66	5.0
67-64-1	Acetone	660	U	660	120
75-15-0	Carbon disulfide	66	U	66	6.6
79-20-9	Methyl acetate	66	U	66	18
75-09-2	Methylene chloride	66	U	66	9.2
156-60-5	trans-1,2-Dichloroethene	26	J	66	6.2
1634-04-4	Methyl tert-butyl ether	66	U	66	8.1
75-34-3	1,1-Dichloroethane	140		66	9.8
156-59-2	*cis-1,2-Dichloroethene*	*9400*	*E*	*66*	*6.9*
78-93-3	2-Butanone	660	U	660	120
74-97-5	Bromochloromethane	66	U	66	9.6
67-66-3	Chloroform	66	U	66	11
71-55-6	1,1,1-Trichloroethane	930		66	10
110-82-7	Cyclohexane	66	U	66	8.6
56-23-5	Carbon tetrachloride	66	U	66	8.6
71-43-2	Benzene	66	U	66	8.4
107-06-2	1,2-Dichloroethane	66	U	66	12
79-01-6	*Trichloroethene*	*11000*	*E*	*66*	*10*
108-87-2	Methylcyclohexane	66	U	66	10
78-87-5	1,2-Dichloropropane	66	U	66	9.2
75-27-4	Bromodichloromethane	66	U	66	8.0
10061-01-5	cis-1,3-Dichloropropene	66	U	66	7.9
108-10-1	4-Methyl-2-pentanone	660	U	660	110
108-88-3	Toluene	66	U	66	8.9
10061-02-6	trans-1,3-Dichloropropene	66	U	66	29
79-00-5	1,1,2-Trichloroethane	66	U	66	11
127-18-4	Tetrachloroethene	67		66	10
591-78-6	2-Hexanone	660	U	660	120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-5S_050214 | Lab Sample ID: 200-22183-10

Matrix: Water | Lab File ID: d1le10.d

Analysis Method: SOM01.2/VOA_Tr | Date Collected: 05/02/2014 09:53

Sample wt/vol: 25(mL) | Date Analyzed: 05/13/2014 13:46

Soil Aliquot Vol: | Dilution Factor: 131

Soil Extract Vol.: | GC Column: DB-624 ID: 0.2(mm)

% Moisture: | Level: (low/med) Trace

Analysis Batch No.: 72092 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	66	U	66	8.8
106-93-4	1,2-Dibromoethane	66	U	66	7.6
108-90-7	Chlorobenzene	66	U	66	8.3
100-41-4	Ethylbenzene	66	U	66	7.7
95-47-6	o-Xylene	66	U	66	8.5
179601-23-1	m,p-Xylene	66	U	66	8.9
100-42-5	Styrene	66	U	66	8.0
75-25-2	Bromoform	66	U	66	11
98-82-8	Isopropylbenzene	66	U	66	7.6
79-34-5	1,1,2,2-Tetrachloroethane	66	U	66	12
541-73-1	1,3-Dichlorobenzene	66	U	66	8.4
106-46-7	1,4-Dichlorobenzene	66	U	66	7.7
95-50-1	1,2-Dichlorobenzene	66	U	66	9.4
96-12-8	1,2-Dibromo-3-chloropropane	66	U	66	21
120-82-1	1,2,4-Trichlorobenzene	66	U	66	8.6
87-61-6	1,2,3-Trichlorobenzene	66	U	66	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
6745-35-3	Vinyl chloride-d3	121		65-131
19199-91-8	Chloroethane-d5	126		71-131
22280-73-5	1,1-Dichloroethene-d2	125	X	55-104
24313-50-6	2-Butanone-d5	115		49-155
865-49-6	Chloroform-d	113		78-121
17060-07-0	1,2-Dichloroethane-d4	137	X	78-129
1076-43-3	Benzene-d6	108		77-124
93952-08-0	1,2-Dichloropropane-d6	95		79-124
2037-26-5	Toluene-d8	105		77-121
93951-86-1	trans-1,3-Dichloropropene-d4	103		73-121
4840-82-8	2-Hexanone-d5	106		28-135
33685-54-0	1,1,2,2-Tetrachloroethane-d2	100		73-125
2199-69-1	1,2-Dichlorobenzene-d4	100		80-131

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington | Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-5S_050214 | Lab Sample ID: 200-22183-10

Matrix: Water | Lab File ID: dlle10.d

Analysis Method: SOM01.2/VOA_Tr | Date Collected: 05/02/2014 09:53

Sample wt/vol: 25(mL) | Date Analyzed: 05/13/2014 13:46

Soil Aliquot Vol: | Dilution Factor: 131

Soil Extract Vol.: | GC Column: DB-624 ID: 0.2(mm)

% Moisture: | Level: (low/med) Trace

Analysis Batch No.: 72092 | Units: ug/L

Number TICs Found: 3 | TIC Result Total: 614

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	7.43	420	B J
541-05-9	Cyclotrisiloxane, hexamethyl-	8.35	74	J N
556-67-2	Cyclotetrasiloxane, octamethyl-	11.17	120	J N

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-5S_050214 Lab Sample ID: 200-22183-10

Matrix: Water Lab File ID: dlle10.d

Analysis Method: SOM01.2/VOA_Tr Date Collected: 05/02/2014 09:53

Sample wt/vol: 25(mL) Date Analyzed: 05/13/2014 13:46

Soil Aliquot Vol: Dilution Factor: 131

Soil Extract Vol.: GC Column: DB-624 ID: 0.2(mm)

% Moisture: Level: (low/med) Trace

Analysis Batch No.: 72092 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Total Alkanes			

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-10
Client Smp ID: MW-5S_050214
Inj Date : 13-MAY-2014 13:46
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-C-10
Misc Info : 131,5
Comment :
Method : /chem/D.i/Dsvr.p/dllesmtr.b/somtr5t.m
Meth Date : 14-May-2014 11:05 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 10
Dil Factor: 131.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	131.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
$	3 Vinyl chloride-d3	65	1.777	1.771	(0.291)	83611	151.745	6.1(a)
	4 Vinyl chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.137	2.131	(0.350)	65685	157.478	6.3(a)
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
$	9 1,1-Dichloroethene-d2	63	2.844	2.838	(0.466)	176523	155.990	6.2(aR)
	10 1,1-Dichloroethene	96	2.856	2.850	(0.468)	70519	134.091	700(Q)
	11 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	12 Acetone	43	Compound Not Detected.					
	13 Carbon disulfide	76	Compound Not Detected.					
	14 Methyl acetate	43	Compound Not Detected.					
	15 Methylene chloride	84	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	16 trans-1,2-Dichloroethene	96	3.606	3.600	(0.591)	2734	5.02600	26(aQ)
	17 Methyl tert-butyl ether	73	Compound Not Detected.					
	18 1,1-Dichloroethane	63	4.057	4.057	(0.664)	27502	27.5491	140
$	19 2-Butanone-d5	46	4.679	4.703	(0.766)	89878	1438.20	58(a)
	20 cis-1,2-Dichloroethene	96	4.703	4.697	(0.770)	961110	1796.23	9400(A)
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.032	5.026	(0.824)	135354	141.872	5.7(a)
	24 Chloroform	83	5.057	5.051	(0.828)	1495	1.67007	8.8(aQ)
	25 1,1,1-Trichloroethane	97	5.258	5.252	(0.555)	174672	177.438	930
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	5.612	5.612	(0.919)	57905	171.602	6.9(aR)
$	29 Benzene-d6	84	5.630	5.630	(0.594)	301105	135.169	5.4(a)
	30 Benzene	78	5.673	5.673	(0.599)	1576	0.68714	3.6(a)
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	6.105	6.099	(1.000)	239193	125.000	
	33 Trichloroethene	95	6.392	6.392	(0.674)	1311119	2175.92	11000(A)
$	34 1,2-Dichloropropane-d6	67	6.550	6.550	(0.691)	73868	118.452	4.7(aQ)
	35 Methylcyclohexane	55	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
	38 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	39 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	40 Toluene-d8	98	7.782	7.782	(0.821)	290044	131.499	5.3(a)
	41 Toluene	91	Compound Not Detected.					
$	42 trans-1,3-Dichloropropene-d4	79	8.087	8.087	(0.853)	58878	129.174	5.2(a)
	43 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	44 1,1,2-Trichloroethane	97	Compound Not Detected.					
	45 Tetrachloroethene	164	8.489	8.489	(0.896)	7702	12.7361	67
$	46 2-Hexanone-d5	63	8.599	8.599	(0.907)	68606	1325.25	53(aQ)
	47 2-Hexanone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
	49 1,2-Dibromoethane	107	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	9.477	9.477	(1.000)	190653	125.000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	Compound Not Detected.					
	53 m,p-Xylene	106	Compound Not Detected.					
	55 o-Xylene	106	Compound Not Detected.					
	54 Styrene	104	Compound Not Detected.					
	56 Bromoform	172	Compound Not Detected.					
	57 Isopropylbenzene	105	Compound Not Detected.					
$	58 1,1,2,2-Tetrachloroethane-d2	84	11.056	11.050	(1.167)	26826	124.940	5.0(a)
	59 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	60 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	61 1,4-Dichlorobenzene-d4	152	12.293	12.293	(1.000)	90615	125.000	
	62 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$ 63 1,2-Dichlorobenzene-d4	152	12.720	12.720	(1.035)	81249	125.254	5.0(a)
64 1,2-Dichlorobenzene	146	Compound Not Detected.					
65 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
66 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
67 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-10
Client Smp ID: MW-5S_050214
Inj Date : 13-MAY-2014 13:46
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-C-10
Misc Info : 131,5
Comment :
Method : /chem/D.i/Dsvr.p/dllesmtr.b/somtr5t.m
Meth Date : 14-May-2014 11:05 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 10
Dil Factor: 131.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	131.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 32 1,4-Difluorobenzene	6.105	565316	125.000
* 50 Chlorobenzene-d5	9.477	598987	125.000
* 61 1,4-Dichlorobenzene-d4	12.293	551799	125.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
7.434	359815	79.5605065	420	0		0	32

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/L)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Cyclotrisiloxane, hexamethyl-				CAS #: 541-05-9			
8.349	67941	14.1783344	74	90	NIST05.1	73123	50
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
11.171	99928	22.6367512	120	87	NIST05.1	122480	61

Data File: /chem/D.i/Dsvr.p/dllesmtr.b/dlle10.d

Date : 13-MAY-2014 13:46

Client ID: MW-5S_050214

Instrument: D.i

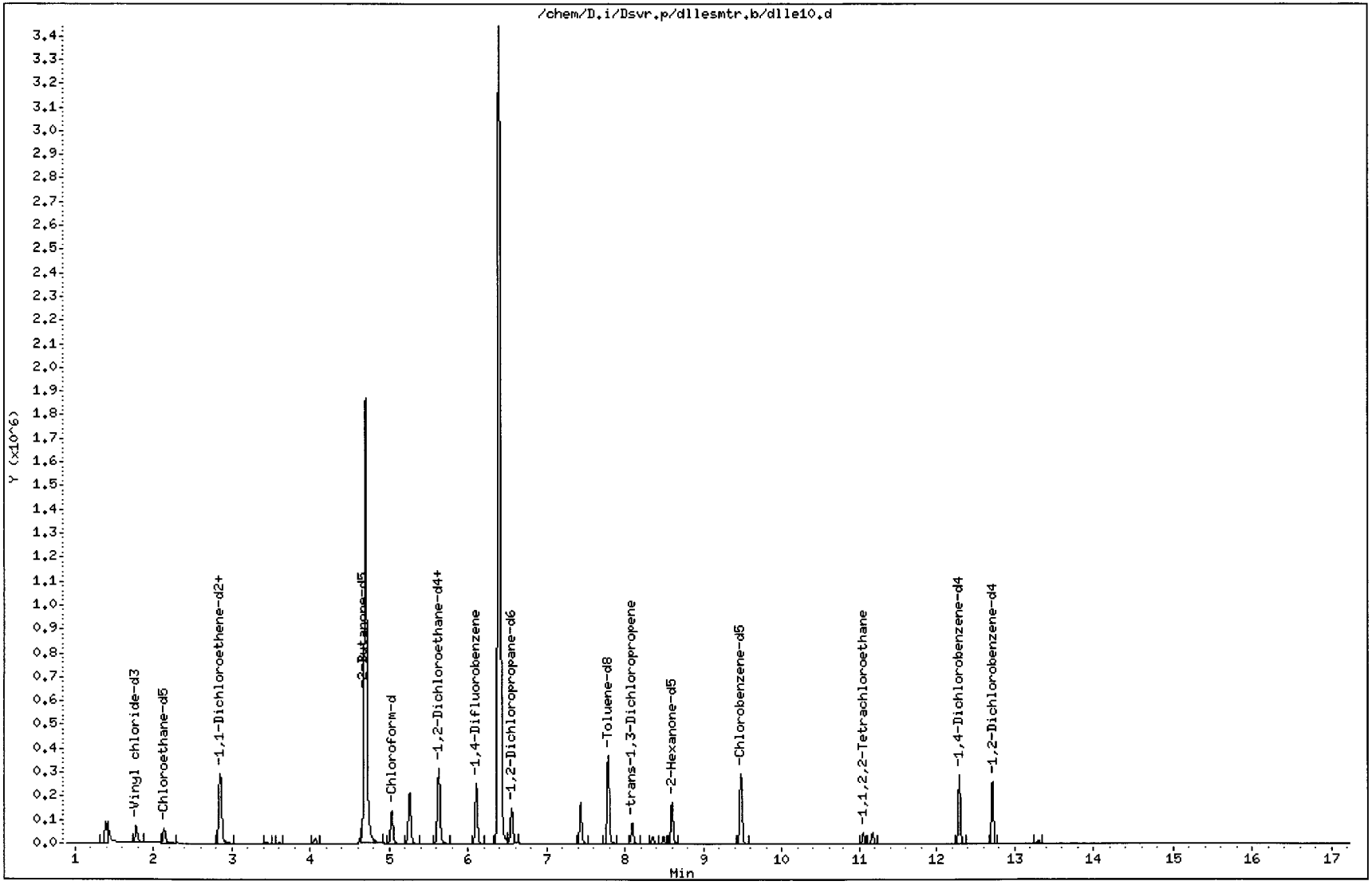
Sample Info: 200-22183-C-10

Purge Volume: 25.0

Operator: JSW

Column phase: DB-624

Column diameter: 0.20



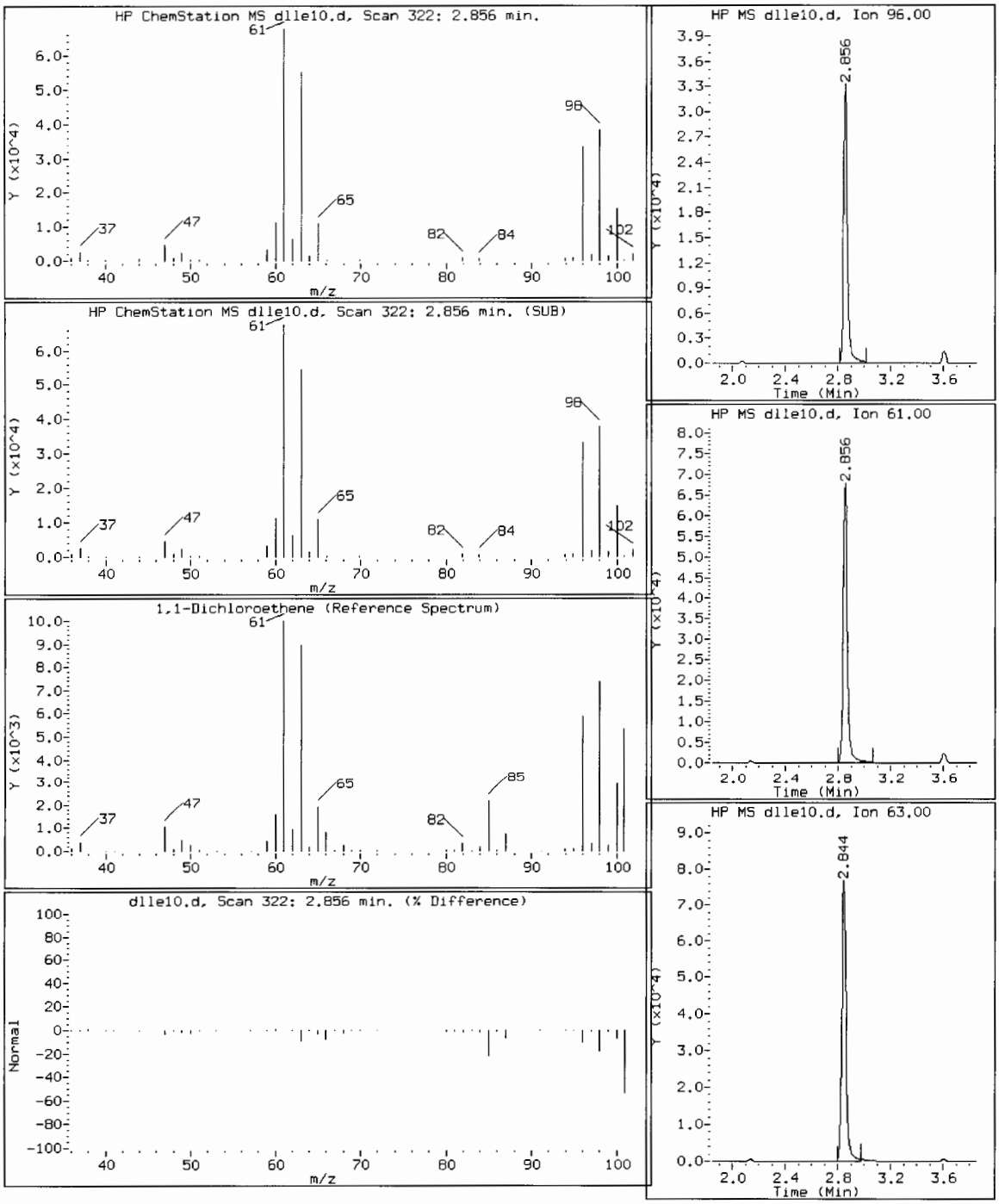
Data File: dlle10.d

Lab Sample ID: 200-22183-10 Date: 13-MAY-2014 13:46

Client ID: MW-5S_050214 Instrument: D.i

Sample Info: 200-22183-C-10 Operator: JSW

10 1,1-Dichloroethene



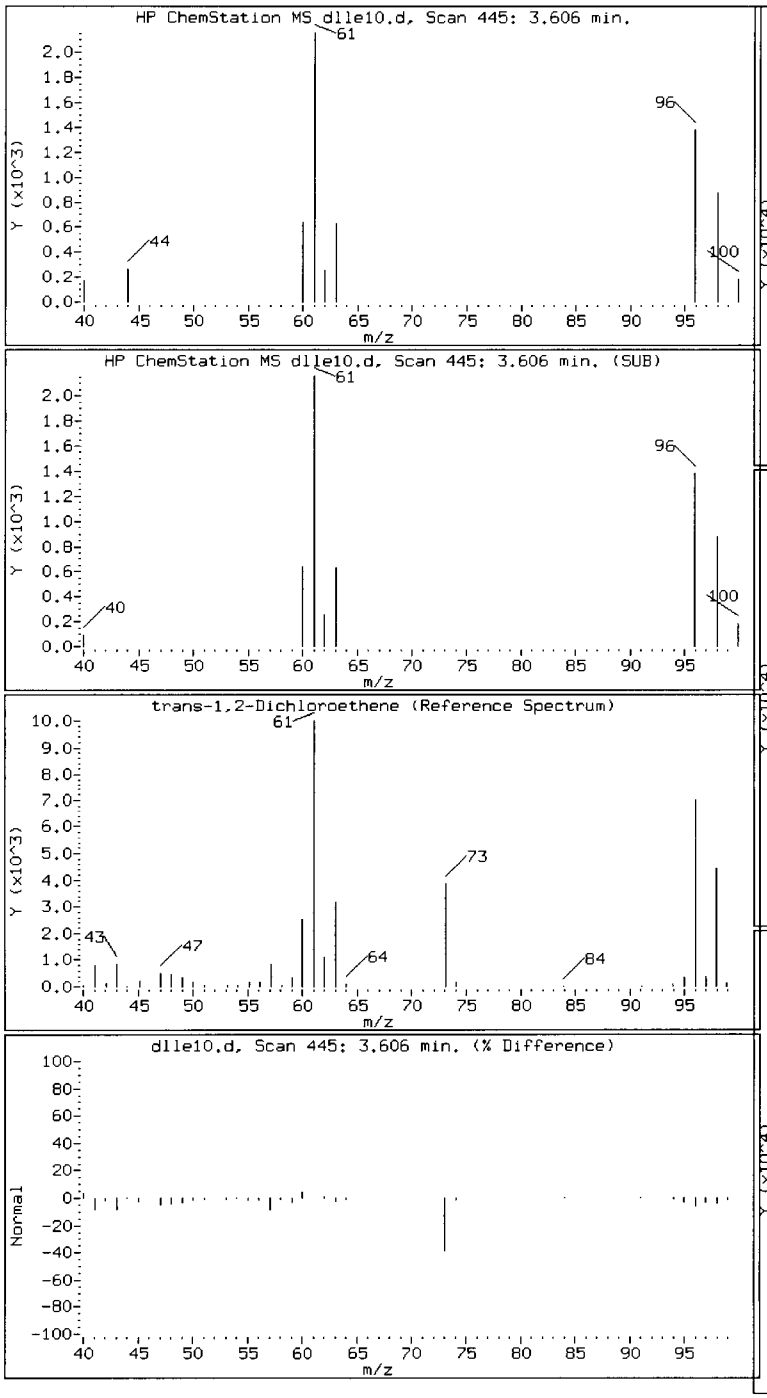
Data File: dlle10.d

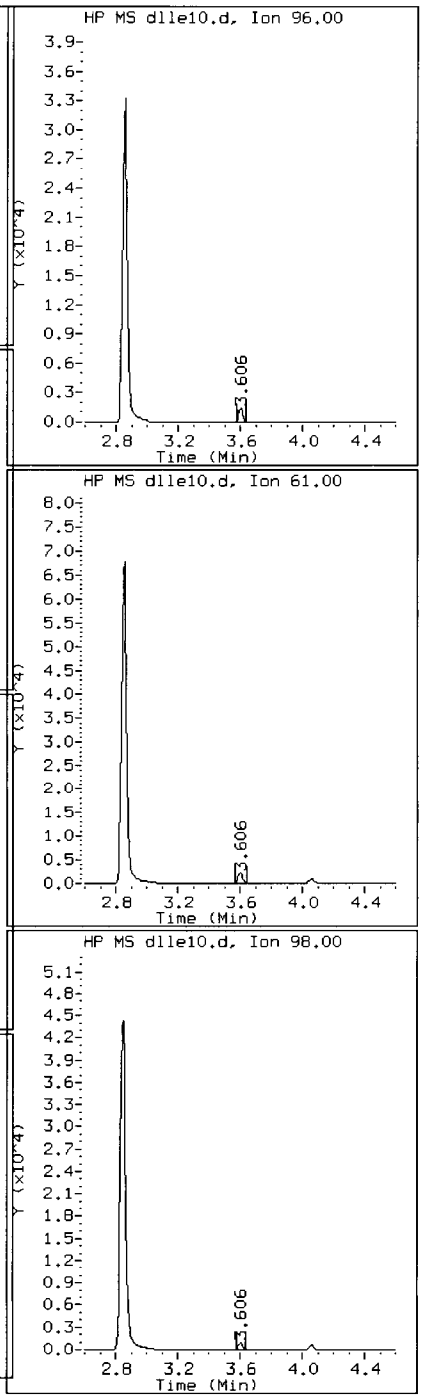
Lab Sample ID: 200-22183-10 Date: 13-MAY-2014 13:46

Client ID: MW-5S_050214 Instrument: D.i

Sample Info: 200-22183-C-10 Operator: JSW

16 trans-1,2-Dichloroethene





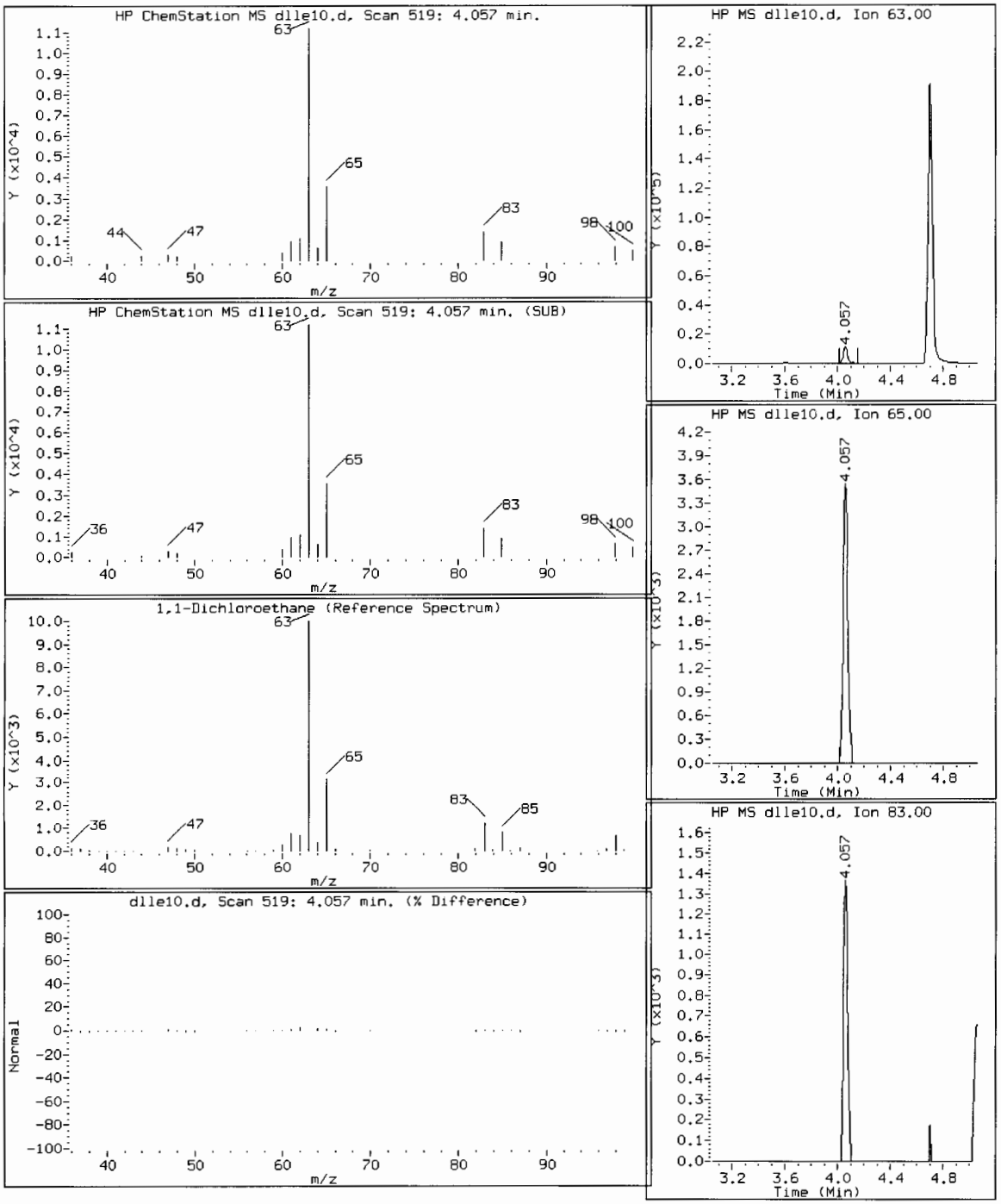
Data File: dlle10.d

Lab Sample ID: 200-22183-10 Date: 13-MAY-2014 13:46

Client ID: MW-5S_050214 Instrument: D.i

Sample Info: 200-22183-C-10 Operator: JSW

18 1,1-Dichloroethane



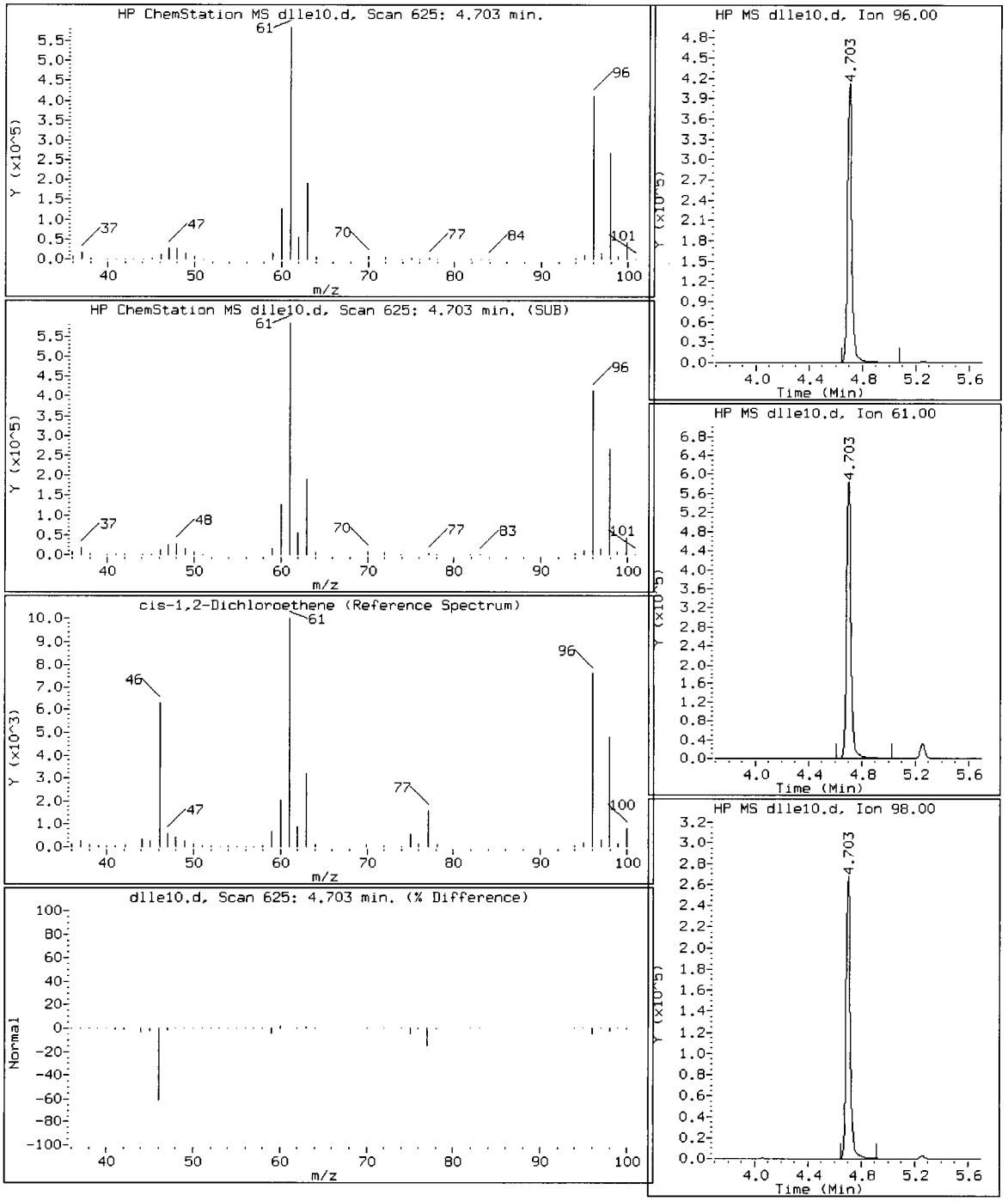
Data File: dlle10.d

Lab Sample ID: 200-22183-10 Date: 13-MAY-2014 13:46

Client ID: MW-5S_050214 Instrument: D.i

Sample Info: 200-22183-C-10 Operator: JSW

20 cis-1,2-Dichloroethene



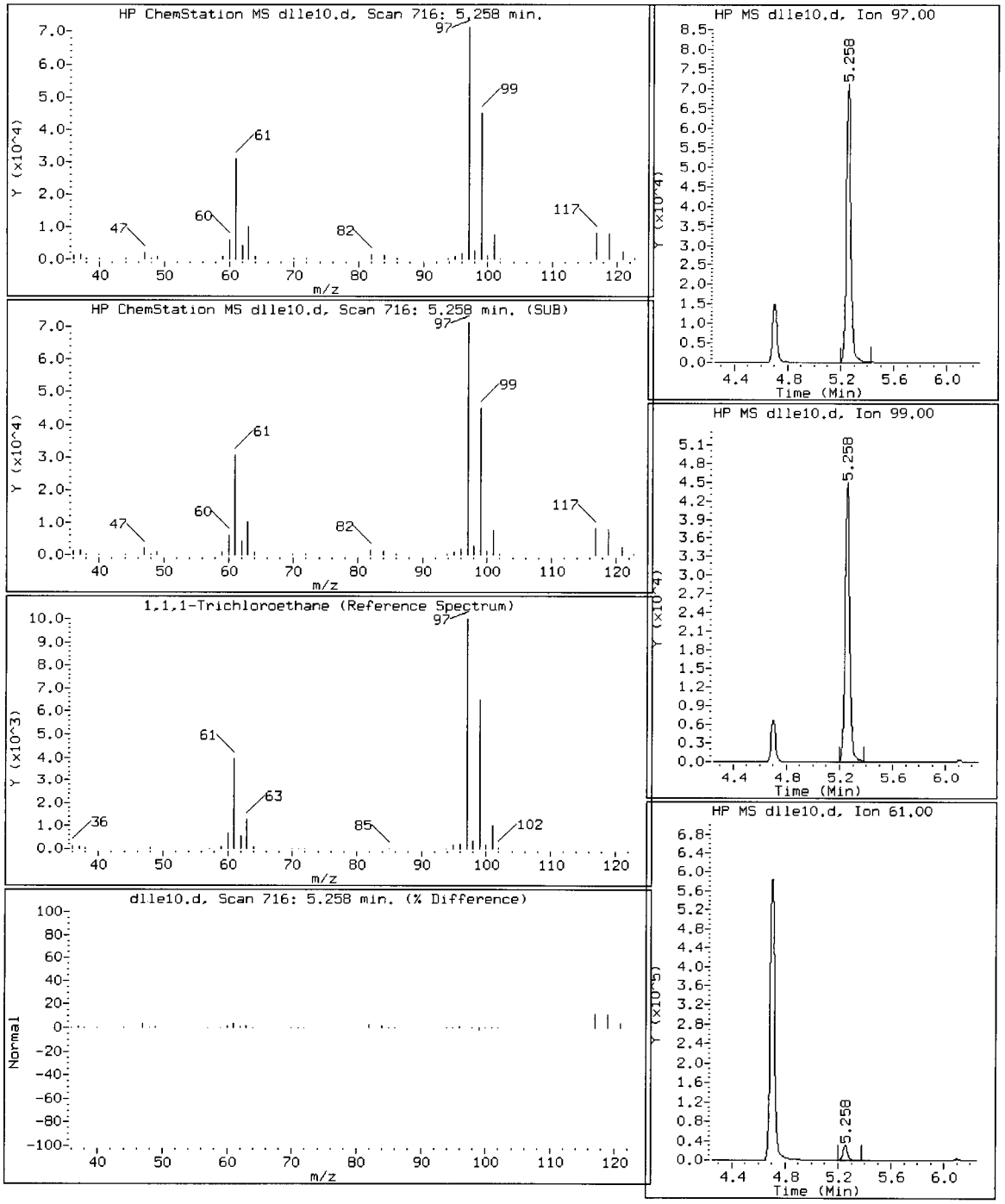
Data File: dlle10.d

Lab Sample ID: 200-22183-10 Date: 13-MAY-2014 13:46

Client ID: MW-5S_050214 Instrument: D.i

Sample Info: 200-22183-C-10 Operator: JSW

25 1,1,1-Trichloroethane



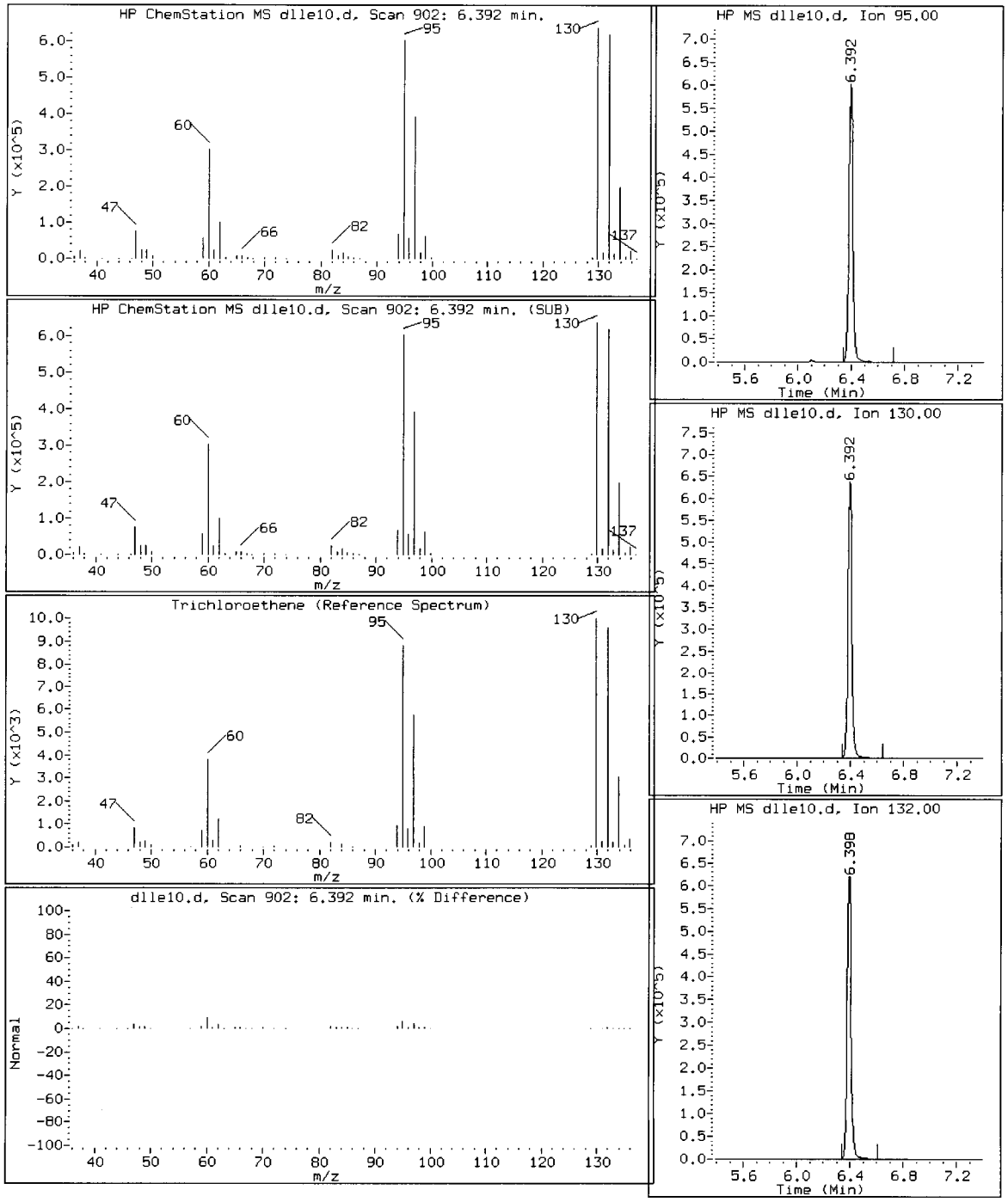
Data File: dlle10.d

Lab Sample ID: 200-22183-10 Date: 13-MAY-2014 13:46

Client ID: MW-5S_050214 Instrument: D.i

Sample Info: 200-22183-C-10 Operator: JSW

33 Trichloroethene



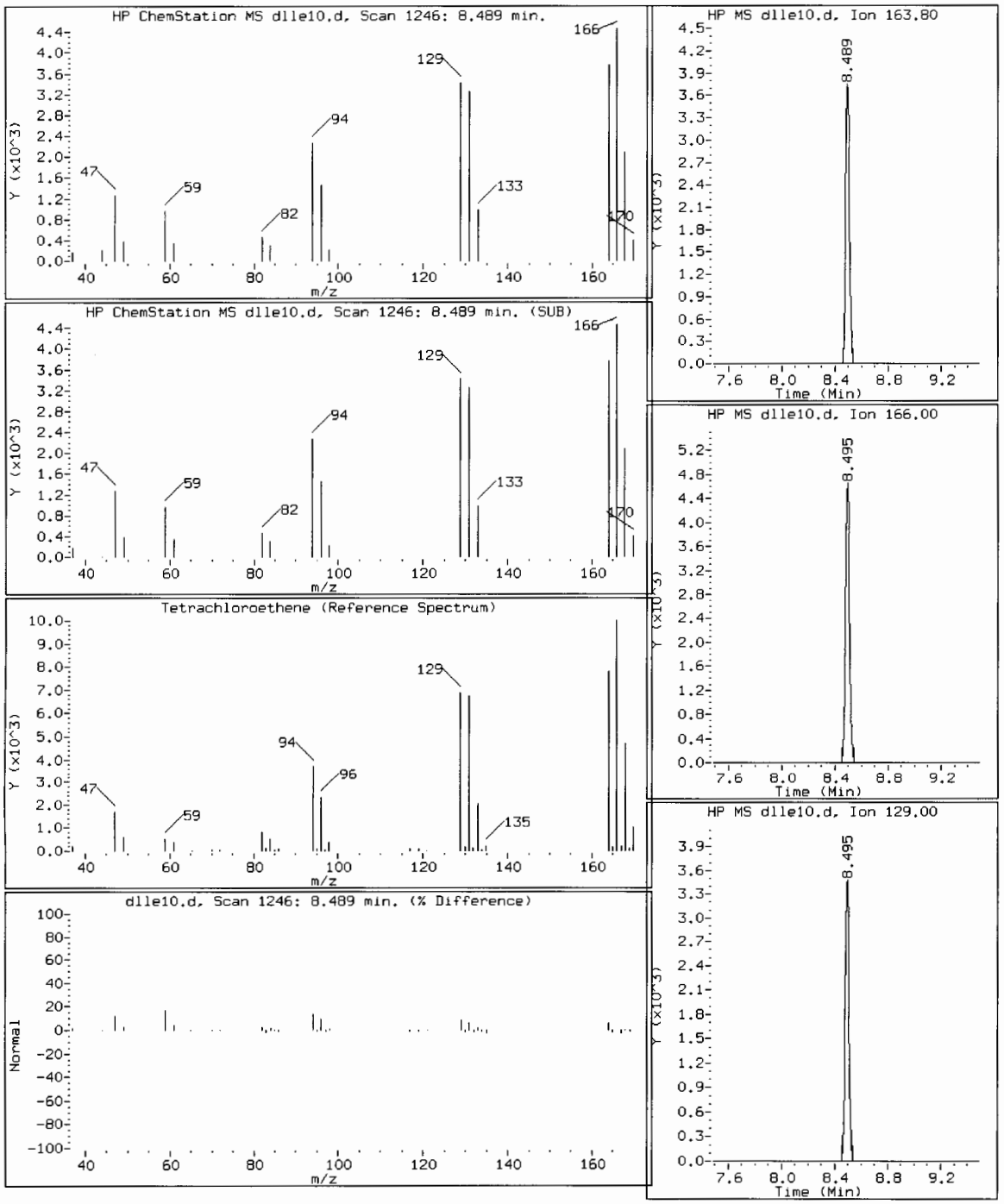
Data File: dlle10.d

Lab Sample ID: 200-22183-10 Date: 13-MAY-2014 13:46

Client ID: MW-5S_050214 Instrument: D.i

Sample Info: 200-22183-C-10 Operator: JSW

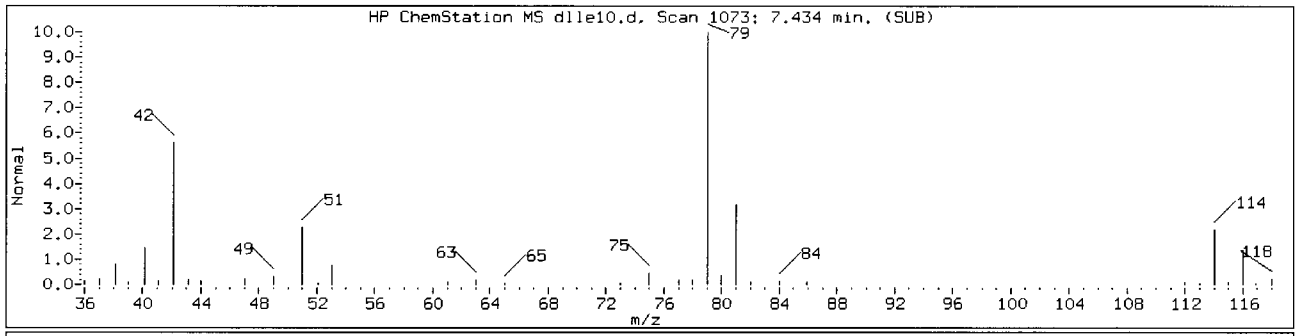
45 Tetrachloroethene

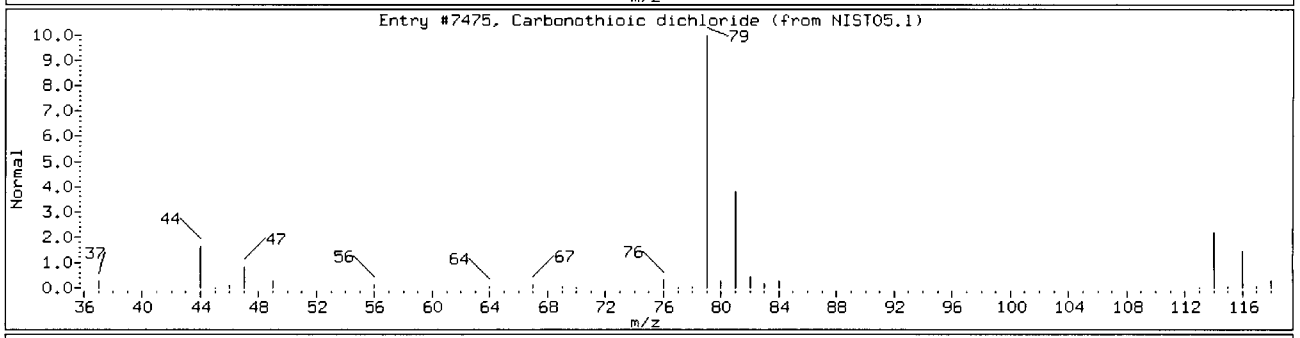


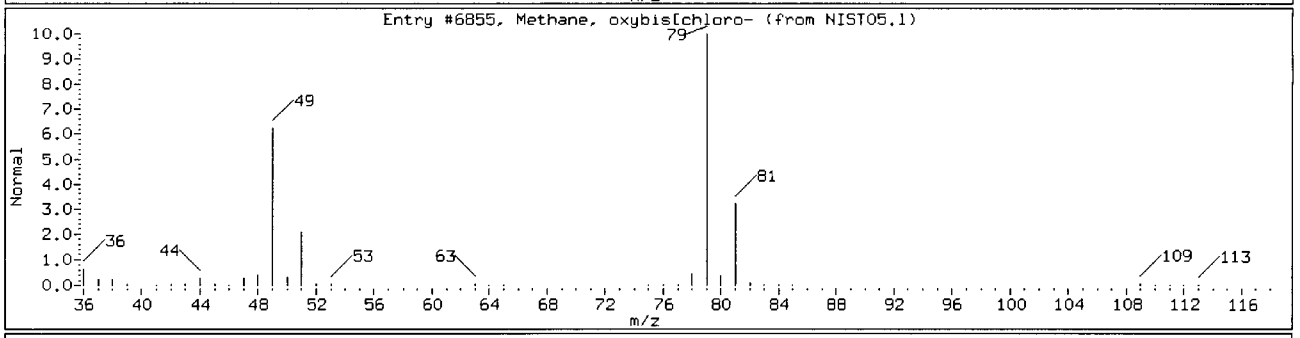
Data File: d11e10.d
Lab Sample ID: 200-22183-10 Date: 13-MAY-2014 13:46
Client ID: MW-5S_050214 Instrument: D.i
Sample Info: 200-22183-C-10 Operator: JSW

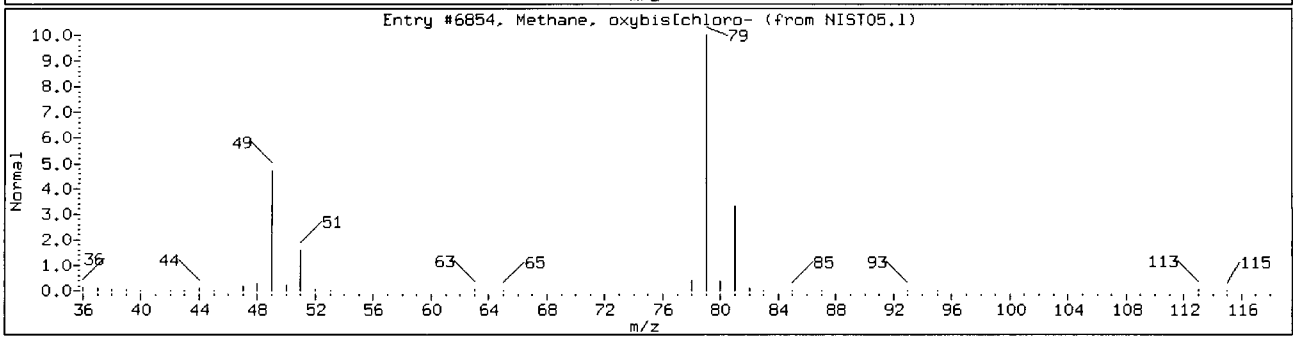
Retention Time: 7.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Carbonothioic dichloride	463-71-8	NIST05.1	7475	50	CCl2S	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6855	25	C2H4Cl2O	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6854	23	C2H4Cl2O	114





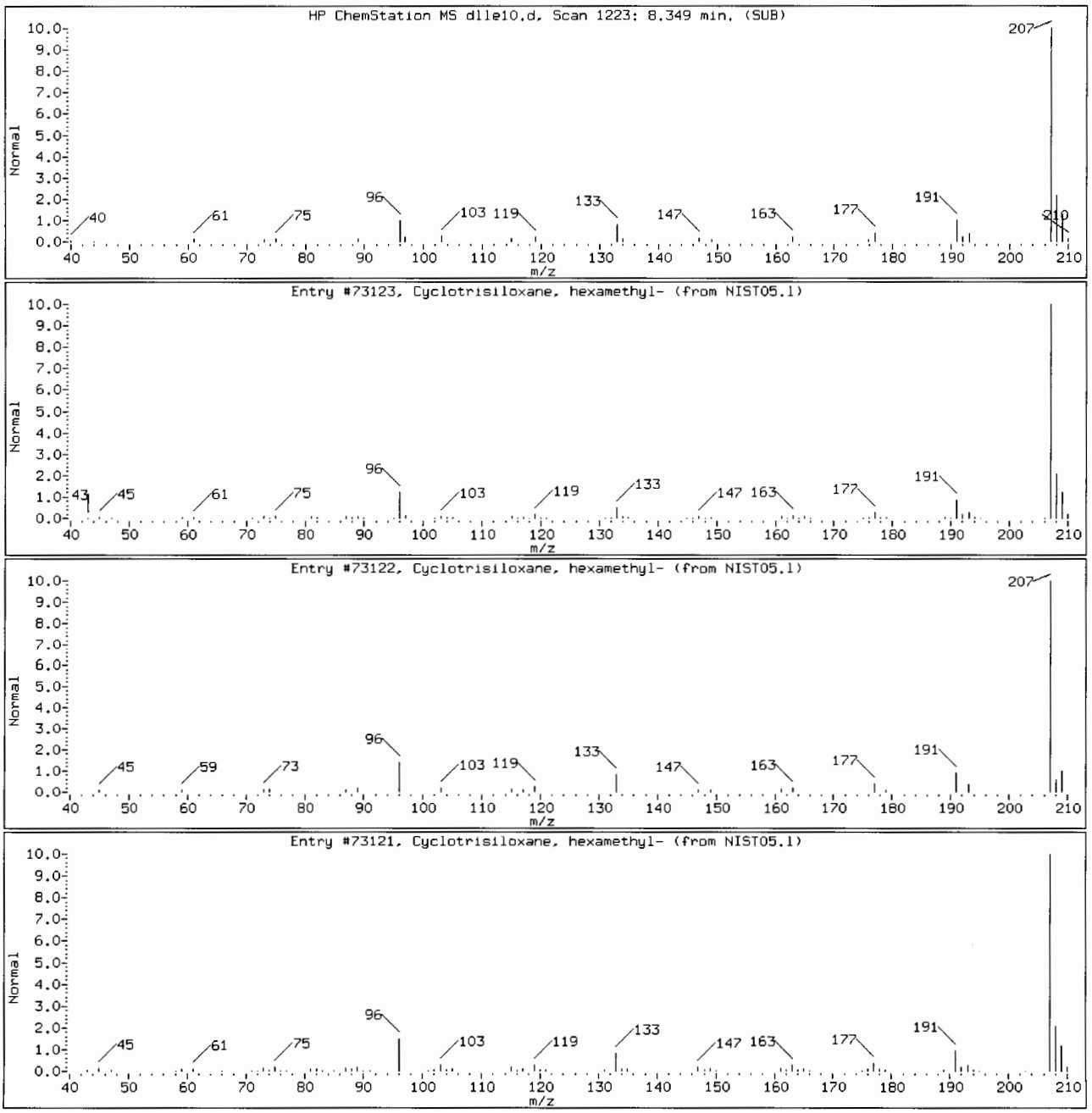




Data File: d11e10.d
Lab Sample ID: 200-22183-10 Date: 13-MAY-2014 13:46
Client ID: MW-5S_050214 Instrument: D.i
Sample Info: 200-22183-C-10 Operator: JSW

Retention Time: 8.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST05.1	73123	90	C6H18O3Si3	222
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST05.1	73122	80	C6H18O3Si3	222
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST05.1	73121	50	C6H18O3Si3	222



Data File: d11e10.d

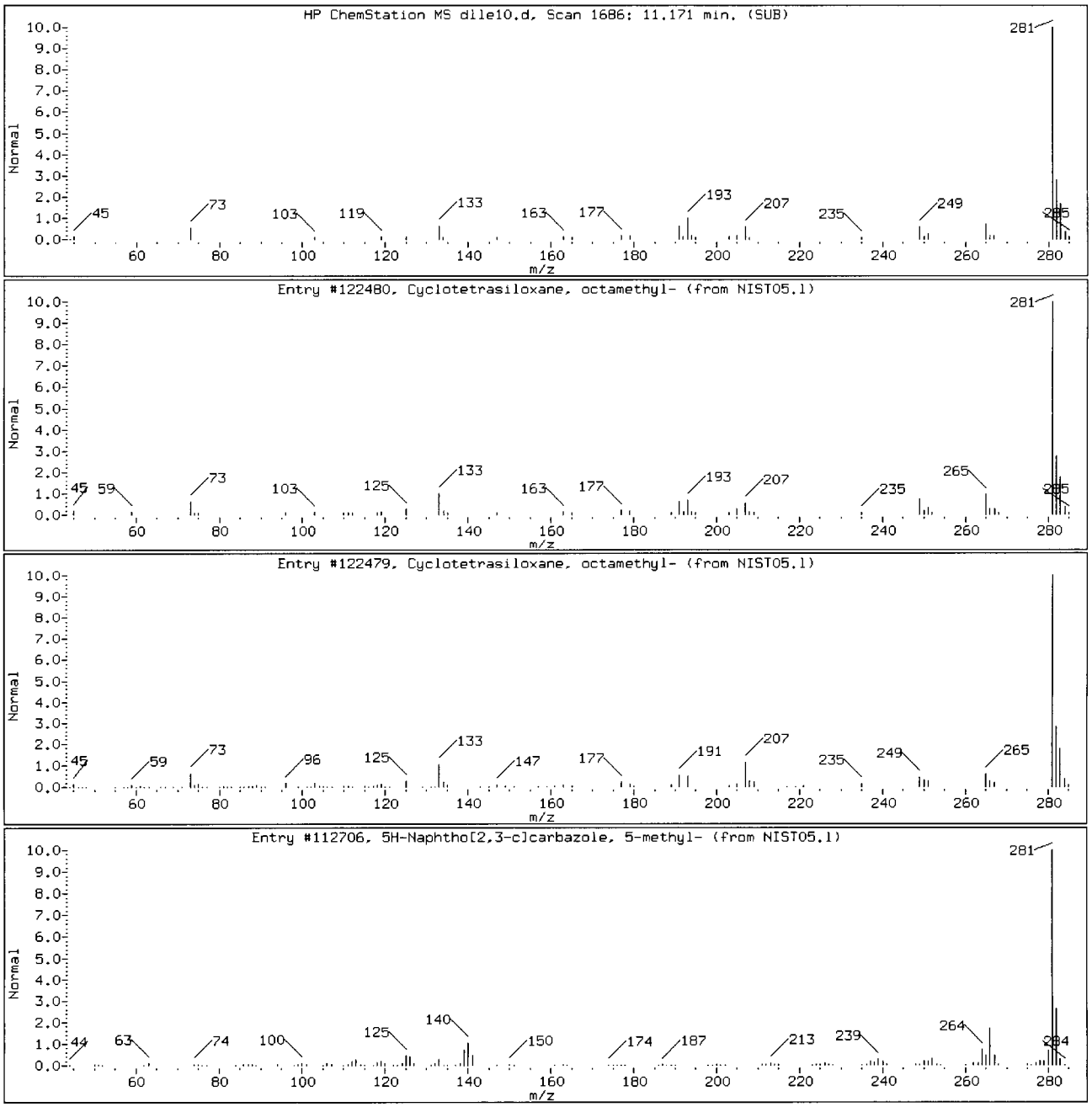
Lab Sample ID: 200-22183-10 Date: 13-MAY-2014 13:46

Client ID: MW-5S_050214 Instrument: D.i

Sample Info: 200-22183-C-10 Operator: JSW

Retention Time: 11.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST05.1	122480	87	C8H24O4Si4	296
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST05.1	122479	64	C8H24O4Si4	296
5H-Naphtho[2,3-c]carbazole, 5-meth	100025-44-3	NIST05.1	112706	59	C21H15N	281



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-5S_050214 DL | Lab Sample ID: 200-22183-10 DL

Matrix: Water | Lab File ID: dlld10.d

Analysis Method: SOM01.2/VOA_Tr | Date Collected: 05/02/2014 09:53

Sample wt/vol: 25(mL) | Date Analyzed: 05/12/2014 16:55

Soil Aliquot Vol: | Dilution Factor: 656

Soil Extract Vol.: | GC Column: DB-624 ID: 0.2(mm)

% Moisture: | Level: (low/med) Trace

Analysis Batch No.: 72030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	330	U	330	49
74-87-3	Chloromethane	330	U	330	41
75-01-4	Vinyl chloride	330	U	330	44
74-83-9	Bromomethane	150	J B D	330	45
75-00-3	Chloroethane	330	U	330	61
75-69-4	Trichlorofluoromethane	330	U	330	65
75-35-4	1,1-Dichloroethene	680	D	330	24
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	330	U	330	25
67-64-1	Acetone	1500	J D	3300	600
75-15-0	Carbon disulfide	330	U	330	33
79-20-9	Methyl acetate	330	U	330	92
75-09-2	Methylene chloride	330	U	330	46
156-60-5	trans-1,2-Dichloroethene	330	U	330	31
1634-04-4	Methyl tert-butyl ether	330	U	330	41
75-34-3	1,1-Dichloroethane	330	U	330	49
156-59-2	cis-1,2-Dichloroethene	7700	D	330	35
78-93-3	2-Butanone	3300	U	3300	580
74-97-5	Bromochloromethane	330	U	330	48
67-66-3	Chloroform	330	U	330	53
71-55-6	1,1,1-Trichloroethane	750	D	330	51
110-82-7	Cyclohexane	330	U	330	43
56-23-5	Carbon tetrachloride	330	U	330	43
71-43-2	Benzene	330	U	330	42
107-06-2	1,2-Dichloroethane	330	U	330	58
79-01-6	Trichloroethene	9200	D	330	52
108-87-2	Methylcyclohexane	330	U	330	51
78-87-5	1,2-Dichloropropane	330	U	330	46
75-27-4	Bromodichloromethane	330	U	330	40
10061-01-5	cis-1,3-Dichloropropene	330	U	330	39
108-10-1	4-Methyl-2-pentanone	3300	U	3300	540
108-88-3	Toluene	330	U	330	45
10061-02-6	trans-1,3-Dichloropropene	330	U	330	140
79-00-5	1,1,2-Trichloroethane	330	U	330	57
127-18-4	Tetrachloroethene	58	J D	330	51
591-78-6	2-Hexanone	3300	U	3300	620

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-5S_050214 DL | Lab Sample ID: 200-22183-10 DL

Matrix: Water | Lab File ID: dlld10.d

Analysis Method: SOM01.2/VOA_Tr | Date Collected: 05/02/2014 09:53

Sample wt/vol: 25(mL) | Date Analyzed: 05/12/2014 16:55

Soil Aliquot Vol: | Dilution Factor: 656

Soil Extract Vol.: | GC Column: DB-624 ID: 0.2(mm)

% Moisture: | Level: (low/med) Trace

Analysis Batch No.: 72030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	330	U	330	44
106-93-4	1,2-Dibromoethane	330	U	330	38
108-90-7	Chlorobenzene	330	U	330	41
100-41-4	Ethylbenzene	330	U	330	39
95-47-6	o-Xylene	330	U	330	43
179601-23-1	m,p-Xylene	330	U	330	45
100-42-5	Styrene	330	U	330	40
75-25-2	Bromoform	330	U	330	54
98-82-8	Isopropylbenzene	330	U	330	38
79-34-5	1,1,2,2-Tetrachloroethane	330	U	330	60
541-73-1	1,3-Dichlorobenzene	330	U	330	42
106-46-7	1,4-Dichlorobenzene	330	U	330	39
95-50-1	1,2-Dichlorobenzene	330	U	330	47
96-12-8	1,2-Dibromo-3-chloropropane	330	U	330	100
120-82-1	1,2,4-Trichlorobenzene	330	U	330	43
87-61-6	1,2,3-Trichlorobenzene	330	U	330	60

CAS NO.	SURROGATE	%REC	Q	LIMITS
6745-35-3	Vinyl chloride-d3	113	D	65-131
19199-91-8	Chloroethane-d5	115	D	71-131
22280-73-5	1,1-Dichloroethene-d2	93	D	55-104
24313-50-6	2-Butanone-d5	99	D	49-155
865-49-6	Chloroform-d	105	D	78-121
17060-07-0	1,2-Dichloroethane-d4	120	D	78-129
1076-43-3	Benzene-d6	104	D	77-124
93952-08-0	1,2-Dichloropropane-d6	88	D	79-124
2037-26-5	Toluene-d8	104	D	77-121
93951-86-1	trans-1,3-Dichloropropene-d4	98	D	73-121
4840-82-8	2-Hexanone-d5	96	D	28-135
33685-54-0	1,1,2,2-Tetrachloroethane-d2	93	D	73-125
2199-69-1	1,2-Dichlorobenzene-d4	97	D	80-131

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: MW-5S_050214 DL Lab Sample ID: 200-22183-10 DL

Matrix: Water Lab File ID: d11d10.d

Analysis Method: SOM01.2/VOA_Tr Date Collected: 05/02/2014 09:53

Sample wt/vol: 25(mL) Date Analyzed: 05/12/2014 16:55

Soil Aliquot Vol: Dilution Factor: 656

Soil Extract Vol.: GC Column: DB-624 ID: 0.2(mm)

% Moisture: Level: (low/med) Trace

Analysis Batch No.: 72030 Units: ug/L

Number TICs Found: 3 TIC Result Total: 2800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	4.64	350	J D
	Unknown	7.43	2000	J B D
	Unknown	11.17	450	J D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington
Job No.: 200-22132-1
SDG No.: 200-22132
Client Sample ID: MW-5S_050214 DL
Lab Sample ID: 200-22183-10 DL
Matrix: Water
Lab File ID: dlld10.d
Analysis Method: SOM01.2/VOA_Tr
Date Collected: 05/02/2014 09:53
Sample wt/vol: 25(mL)
Date Analyzed: 05/12/2014 16:55
Soil Aliquot Vol:
Dilution Factor: 656
Soil Extract Vol.:
GC Column: DB-624 ID: 0.2(mm)
% Moisture:
Level: (low/med) Trace
Analysis Batch No.: 72030
Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Total Alkanes			

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-10
Client Smp ID: MW-5S_050214DL
Inj Date : 12-MAY-2014 16:55
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-C-10
Misc Info : 656,5
Comment :
Method : /chem/D.i/Dsvr.p/dlldsmtr.b/somtr5t.m
Meth Date : 13-May-2014 11:31 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 10
Dil Factor: 656.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	656.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
$	3 Vinyl chloride-d3	65	1.783	1.771	(0.292)	93317	140.992	5.6(a)
	4 Vinyl chloride	62	Compound Not Detected.					
	5 Bromomethane	94	2.076	2.070	(0.340)	1440	5.89680	150(a)
$	6 Chloroethane-d5	69	2.137	2.131	(0.350)	72075	143.853	5.8(a)
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
$	9 1,1-Dichloroethene-d2	63	2.844	2.838	(0.466)	157257	115.688	4.6(a)
	10 1,1-Dichloroethene	96	2.856	2.850	(0.468)	16332	25.8532	680(Q)
	11 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	12 Acetone	43	2.929	2.972	(0.480)	2827	58.2799	1500(a)
	13 Carbon disulfide	76	Compound Not Detected.					
	14 Methyl acetate	43	Compound Not Detected.					
	15 Methylene chloride	84	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	16 trans-1,2-Dichloroethene	96	3.606	3.600	(0.591)	731	1.11872	29(aQM)
	17 Methyl tert-butyl ether	73	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
$	19 2-Butanone-d5	46	4.679	4.703	(0.766)	92867	1237.11	49(a)
	20 cis-1,2-Dichloroethene	96	4.703	4.697	(0.770)	188707	293.602	7700
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.032	5.026	(0.824)	150526	131.346	5.3(a)
	24 Chloroform	83	Compound Not Detected.					
	25 1,1,1-Trichloroethane	97	5.258	5.252	(0.555)	33492	28.6723	750
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	5.612	5.612	(0.919)	61037	150.585	6.0(a)
$	29 Benzene-d6	84	5.630	5.630	(0.594)	342434	129.549	5.2(a)
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	6.105	6.099	(1.000)	287321	125.000	
	33 Trichloroethene	95	6.392	6.392	(0.674)	250052	349.727	9200
$	34 1,2-Dichloropropane-d6	67	6.550	6.550	(0.691)	81683	110.386	4.4(a)
	35 Methylcyclohexane	55	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
	38 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	39 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	40 Toluene-d8	98	7.782	7.782	(0.821)	338722	129.419	5.2(a)
	41 Toluene	91	Compound Not Detected.					
$	42 trans-1,3-Dichloropropene-d4	79	8.087	8.087	(0.853)	65979	121.991	4.9(a)
	43 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	44 1,1,2-Trichloroethane	97	Compound Not Detected.					
	45 Tetrachloroethene	164	8.495	8.489	(0.896)	1582	2.20463	58(a)
$	46 2-Hexanone-d5	63	8.599	8.599	(0.907)	73684	1199.52	48(a)
	47 2-Hexanone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
	49 1,2-Dibromoethane	107	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	9.477	9.477	(1.000)	226228	125.000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	Compound Not Detected.					
	53 m,p-Xylene	106	Compound Not Detected.					
	55 o-Xylene	106	Compound Not Detected.					
	54 Styrene	104	Compound Not Detected.					
	56 Bromoform	172	Compound Not Detected.					
	57 Isopropylbenzene	105	Compound Not Detected.					
$	58 1,1,2,2-Tetrachloroethane-d2	84	11.056	11.050	(1.167)	29556	116.009	4.6(a)
	59 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	60 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	61 1,4-Dichlorobenzene-d4	152	12.293	12.293	(1.000)	107874	125.000	
	62 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$ 63 1,2-Dichlorobenzene-d4	152	12.720	12.720	(1.035)	93222	120.719	4.8(a)
64 1,2-Dichlorobenzene	146	Compound Not Detected.					
65 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
66 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
67 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-10
Client Smp ID: MW-5S_050214DL
Inj Date : 12-MAY-2014 16:55
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-C-10
Misc Info : 656,5
Comment :
Method : /chem/D.i/Dsvr.p/dlldsmtr.b/somtr5t.m
Meth Date : 13-May-2014 11:31 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 10
Dil Factor: 656.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	656.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 32 1,4-Difluorobenzene	6.105	662506	125.000
* 61 1,4-Dichlorobenzene-d4	12.293	642308	125.000

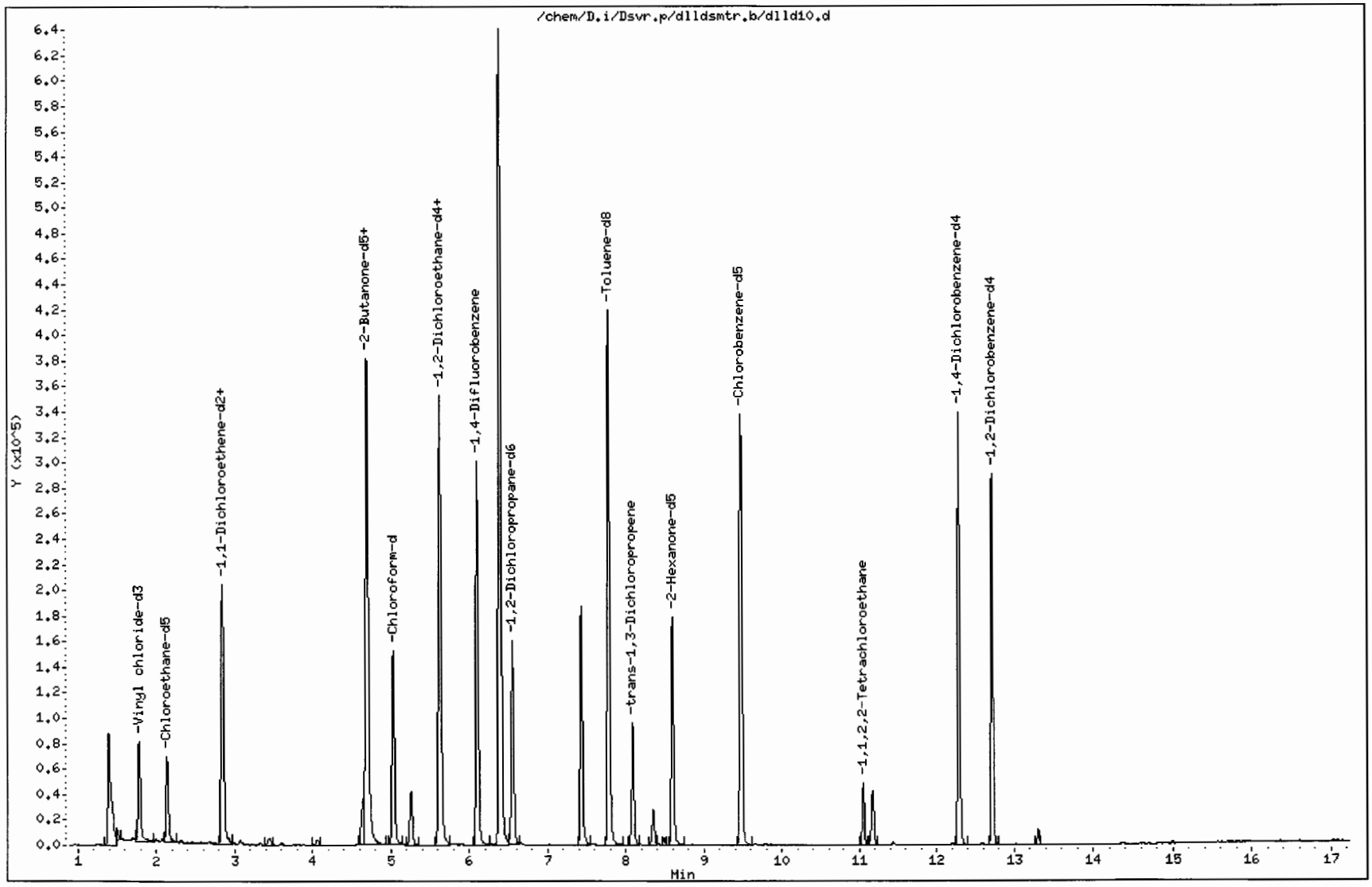
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
4.642	70585	13.3178540	350	0		0	32
Unknown				CAS #:			
7.434	395339	74.5915004	2000	0		0	32

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/L)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
11.172	88562	17.2350624	450	0		0	61

Data File: /chem/D.i/Dsvr.p/dlldsmtr.b/dlld10.d
Date : 12-MAY-2014 16:55
Client ID: MW-5S_050214DL
Sample Info: 200-22183-C-10
Purge Volume: 25.0
Column phase: DB-624

Instrument: D.i

Operator: JSW
Column diameter: 0.20



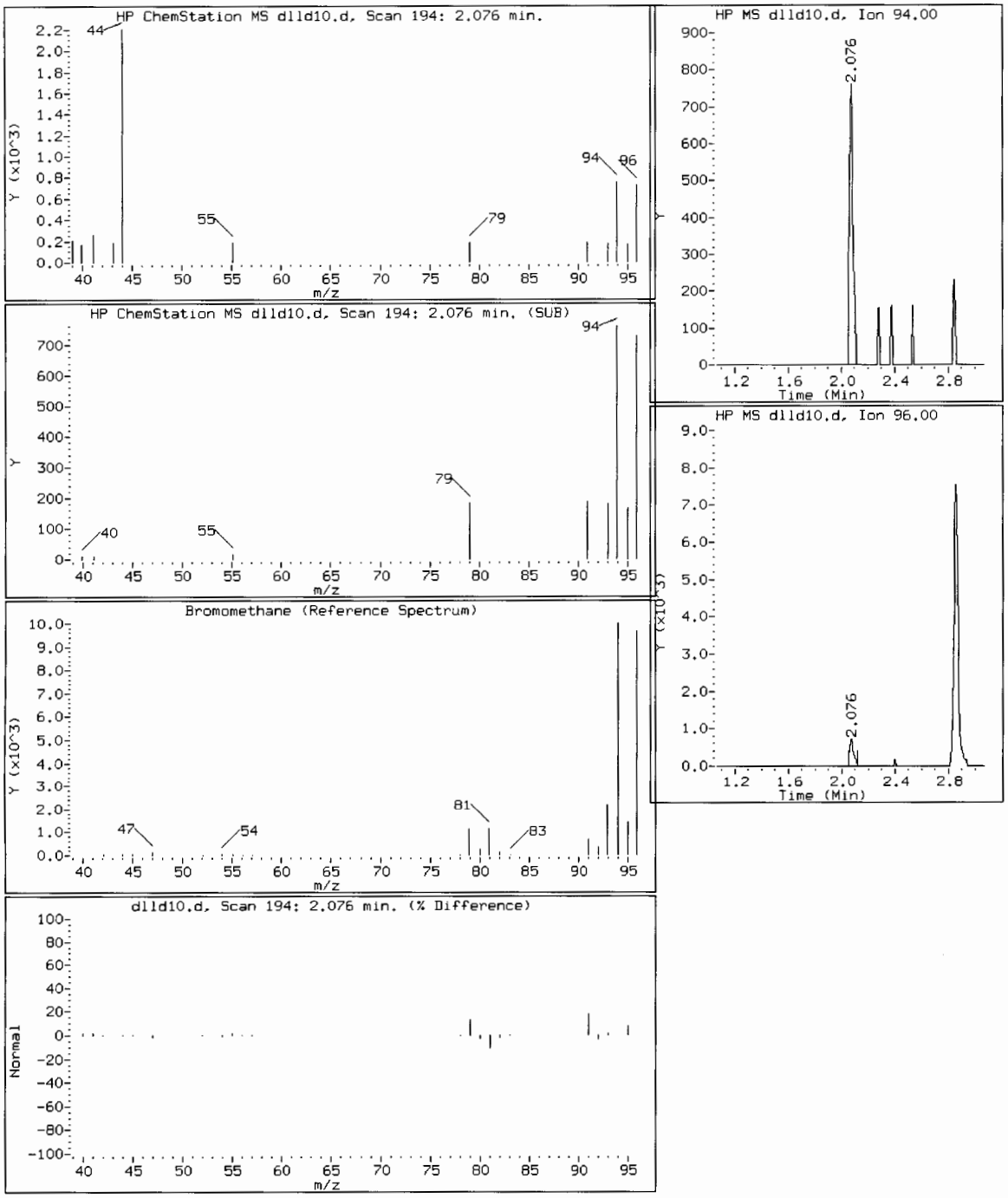
Data File: dlld10.d

Lab Sample ID: 200-22183-10 Date: 12-MAY-2014 16:55

Client ID: MW-5S_050214DL Instrument: D.i

Sample Info: 200-22183-C-10 Operator: JSW

5 Bromomethane



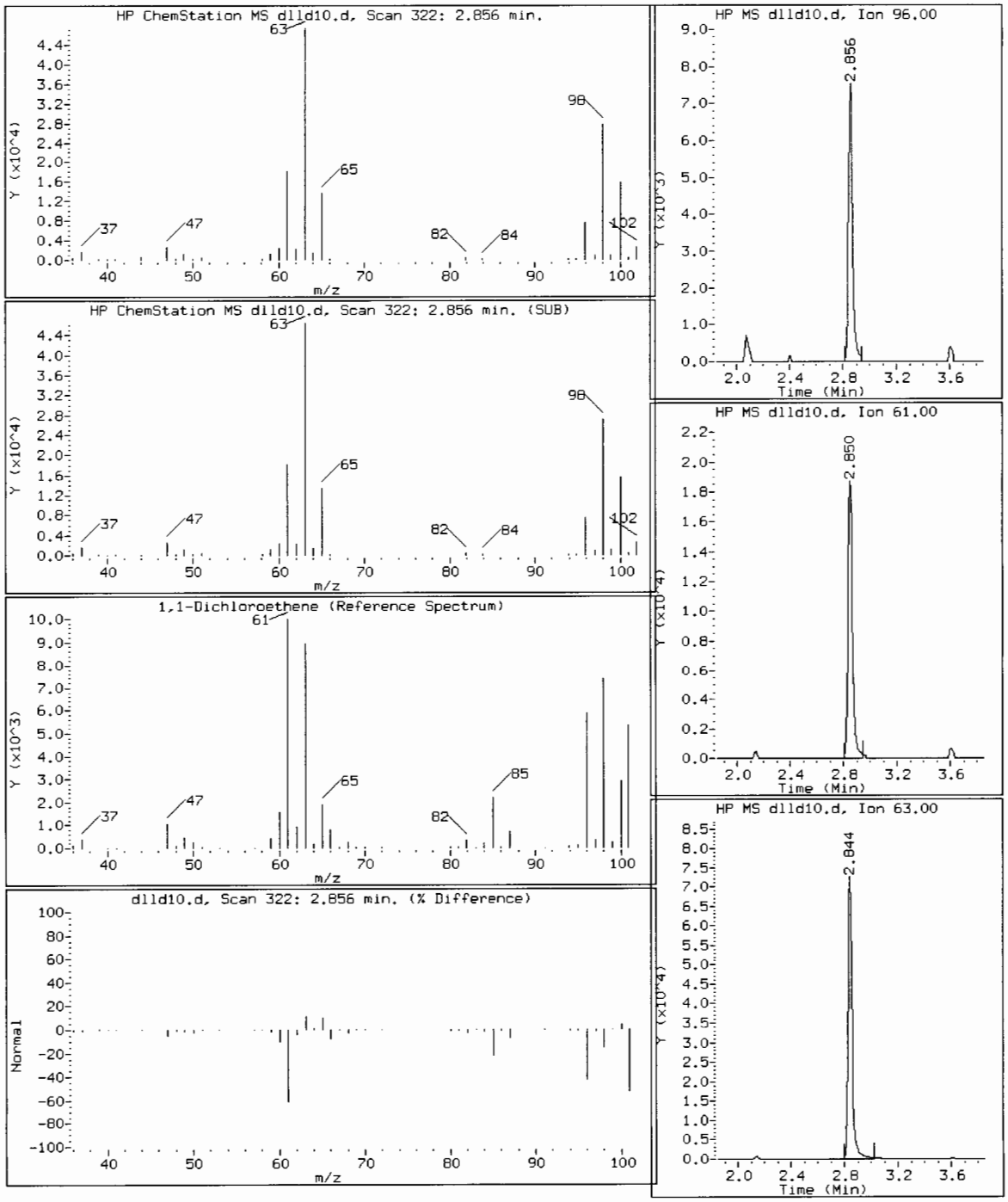
Data File: dlld10.d

Lab Sample ID: 200-22183-10 Date: 12-MAY-2014 16:55

Client ID: MW-5S_050214DL Instrument: D.i

Sample Info: 200-22183-C-10 Operator: JSW

10 1,1-Dichloroethene



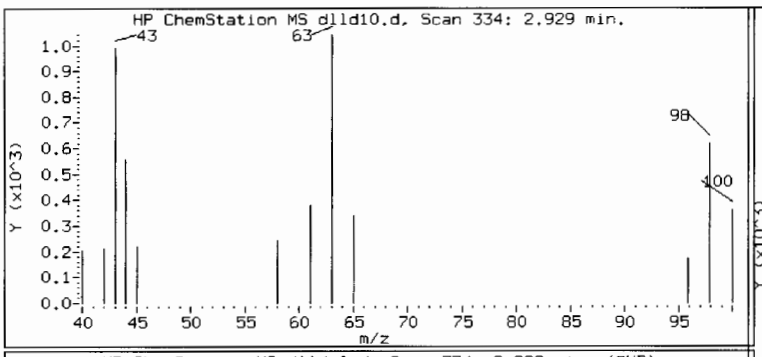
Data File: dlld10.d

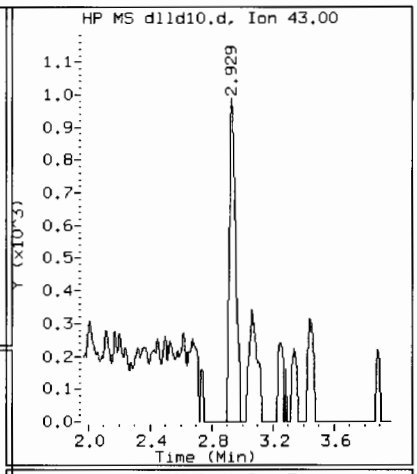
Lab Sample ID: 200-22183-10 Date: 12-MAY-2014 16:55

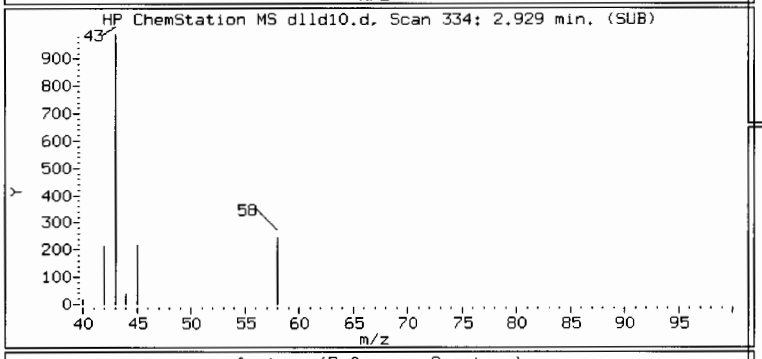
Client ID: MW-5S_050214DL Instrument: D.i

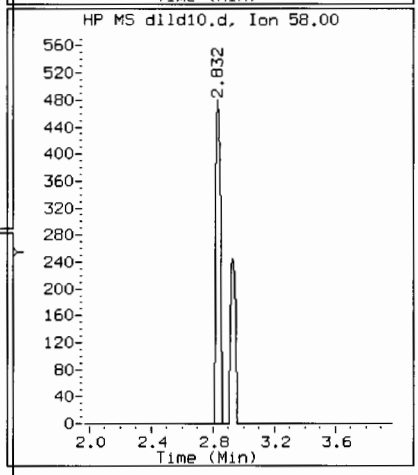
Sample Info: 200-22183-C-10 Operator: JSW

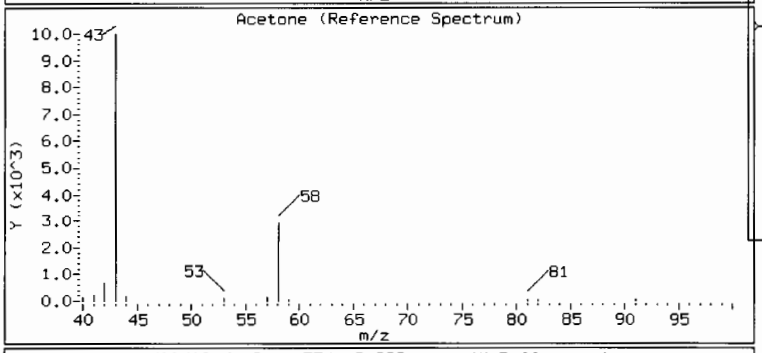
12 Acetone

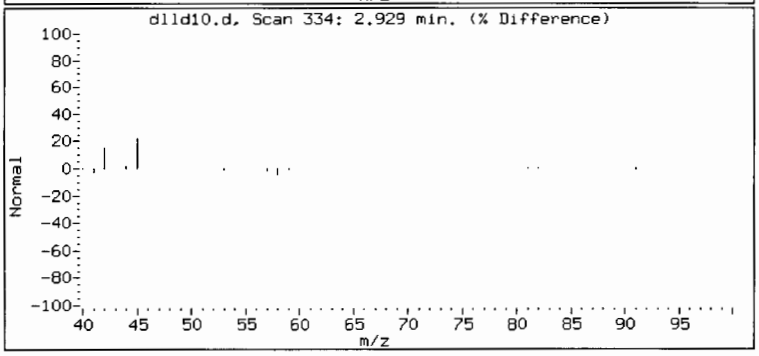












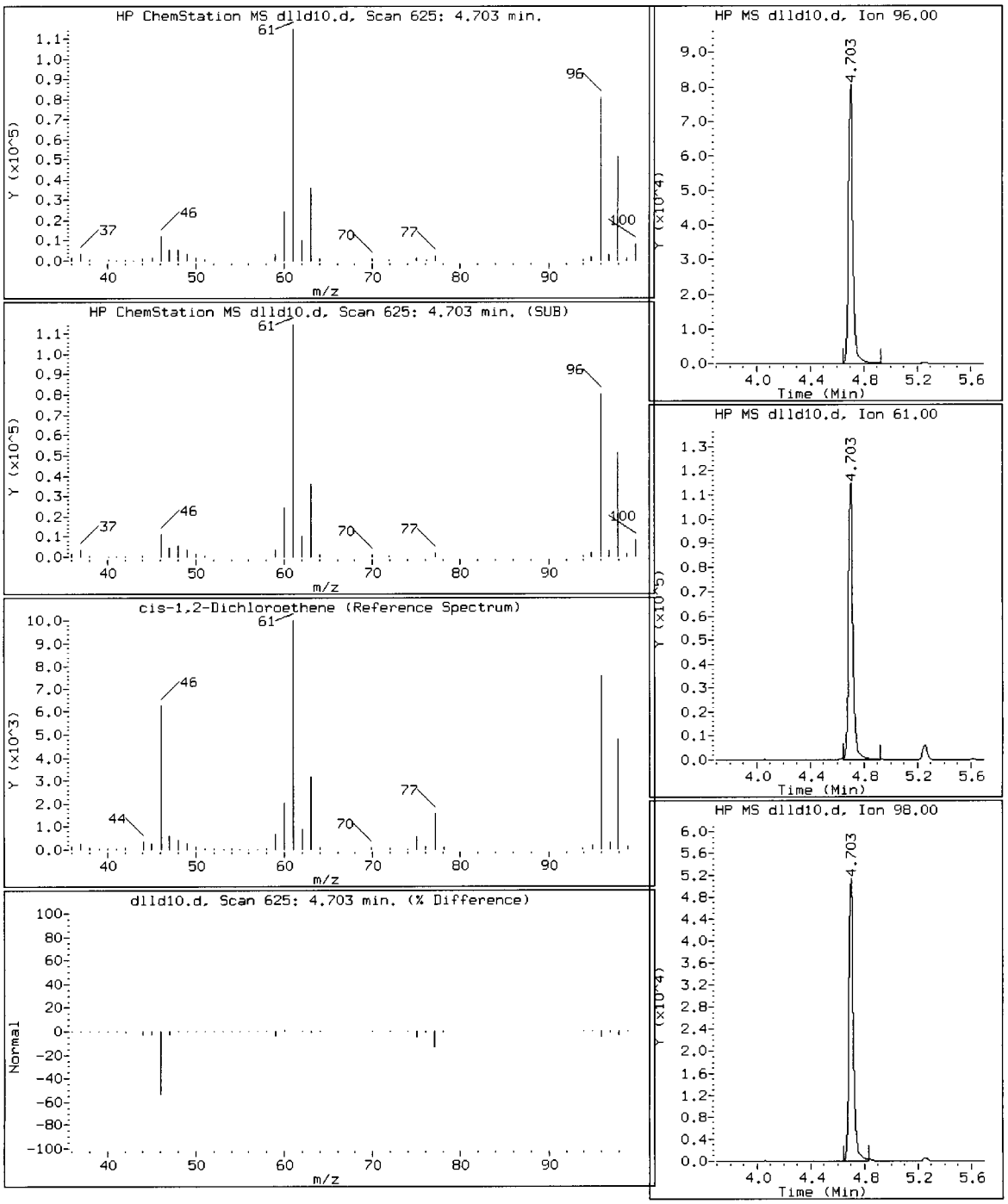
Data File: dlld10.d

Lab Sample ID: 200-22183-10 Date: 12-MAY-2014 16:55

Client ID: MW-5S_050214DL Instrument: D.i

Sample Info: 200-22183-C-10 Operator: JSW

20 cis-1,2-Dichloroethene



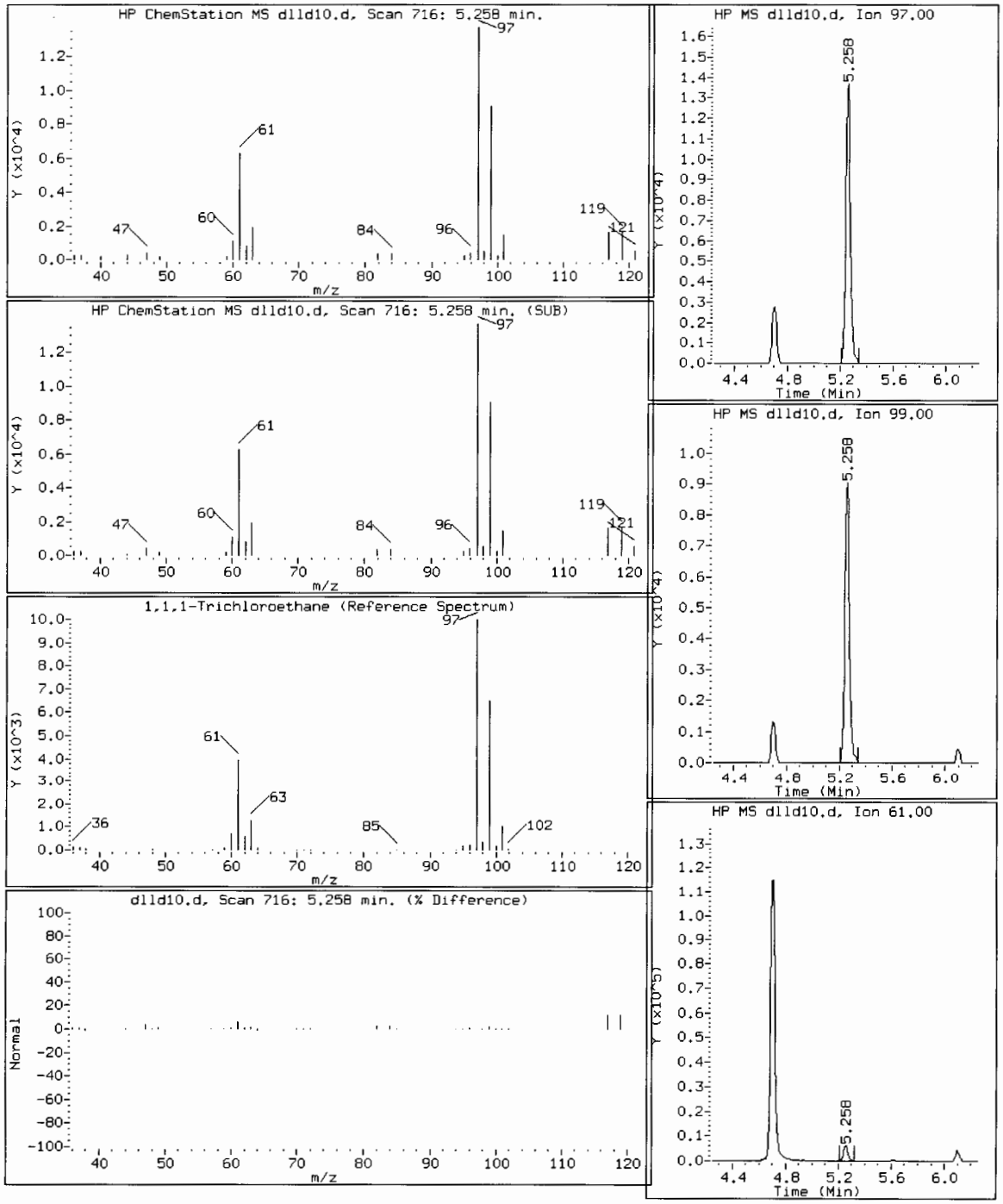
Data File: dlld10.d

Lab Sample ID: 200-22183-10 Date: 12-MAY-2014 16:55

Client ID: MW-5S_050214DL Instrument: D.i

Sample Info: 200-22183-C-10 Operator: JSW

25 1,1,1-Trichloroethane



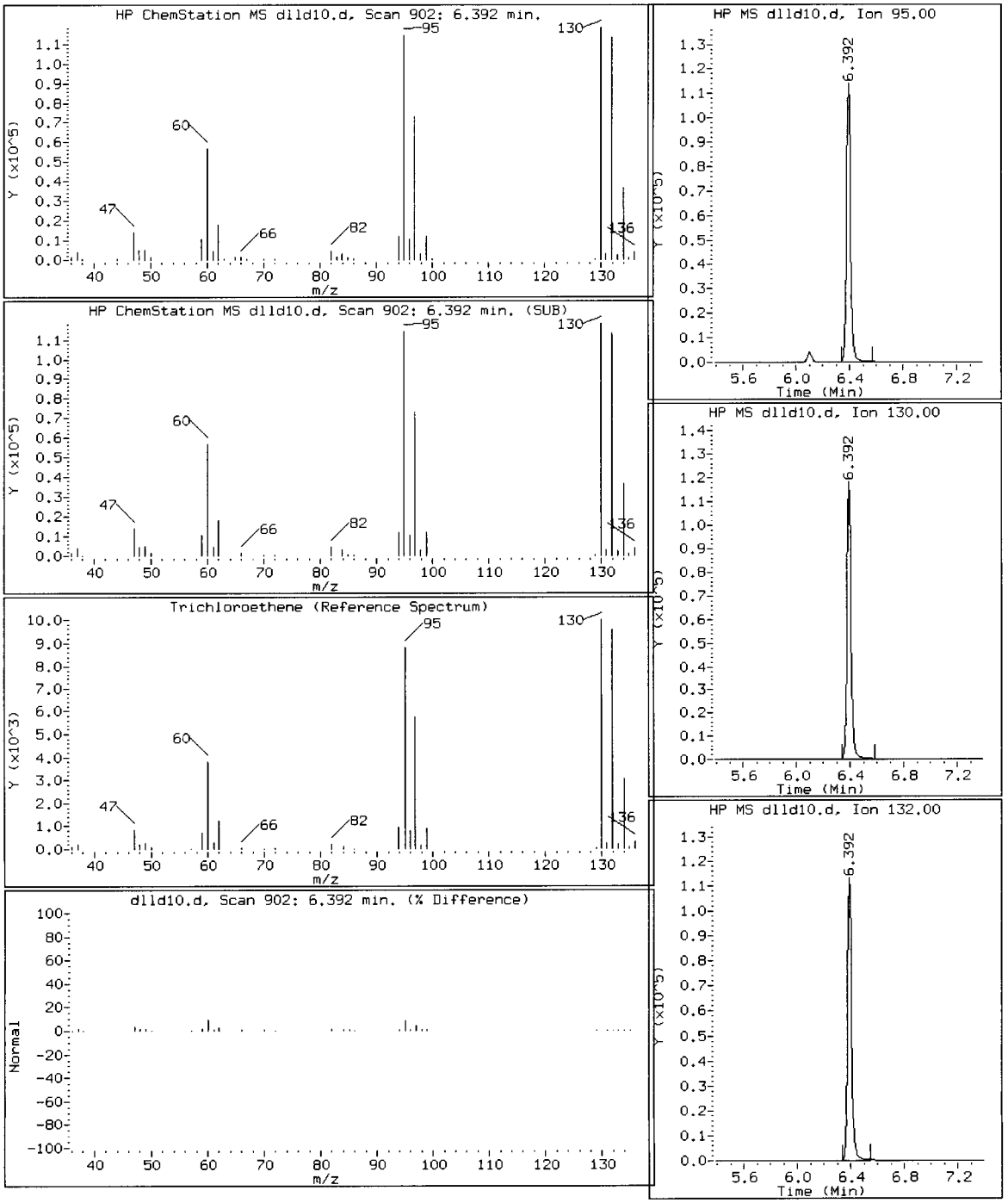
Data File: dlld10.d

Lab Sample ID: 200-22183-10 Date: 12-MAY-2014 16:55

Client ID: MW-5S_050214DL Instrument: D.i

Sample Info: 200-22183-C-10 Operator: JSW

33 Trichloroethene



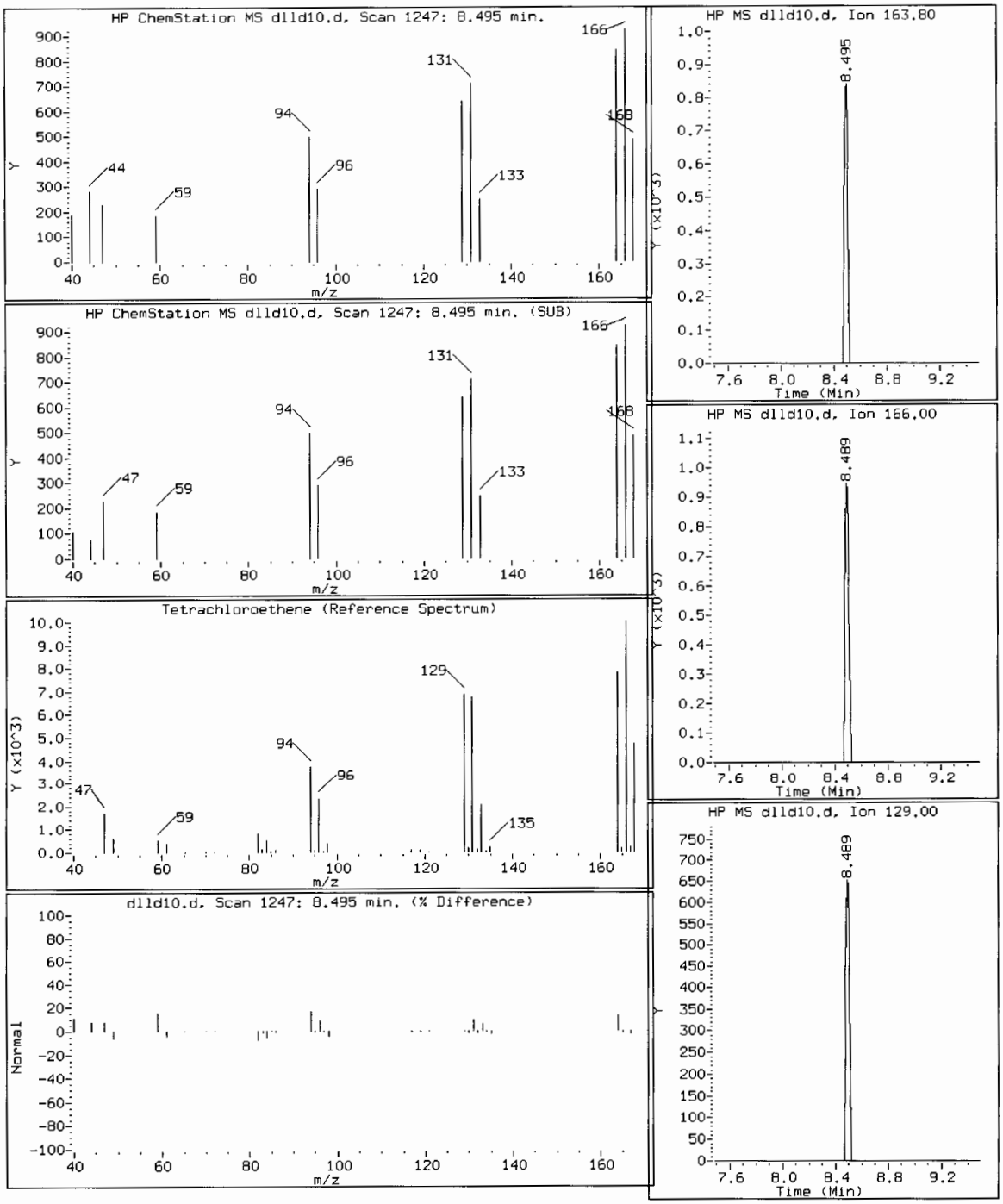
Data File: dlld10.d

Lab Sample ID: 200-22183-10 Date: 12-MAY-2014 16:55

Client ID: MW-5S_050214DL Instrument: D.i

Sample Info: 200-22183-C-10 Operator: JSW

45 Tetrachloroethene



Manual Integration Report

Data File: dlld10.d
Lab Sample ID: 200-22183-10
Inj. Date and Time: 12-MAY-2014 16:55
Instrument ID: D.i
Client ID: MW-5S_050214DL
Compound: 16 trans-1,2-Dichloroethene
CAS #: 156-60-5
Report Date: 05/13/2014

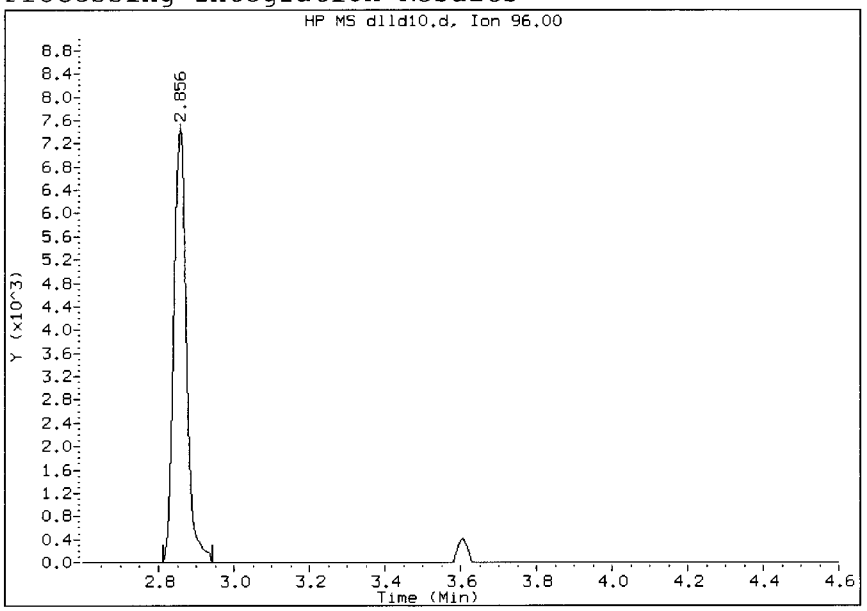
Processing Integration Results

RT: 2.86

Response: 16332

Amount: 24.99

Conc: 655.86



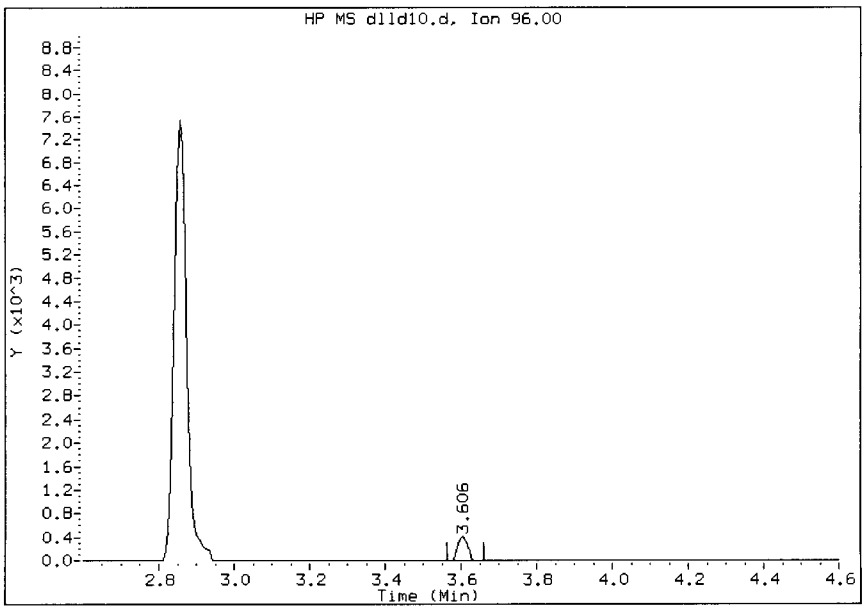
Manual Integration Results

RT: 3.61

Response: 731

Amount: 1.12

Conc: 29.36

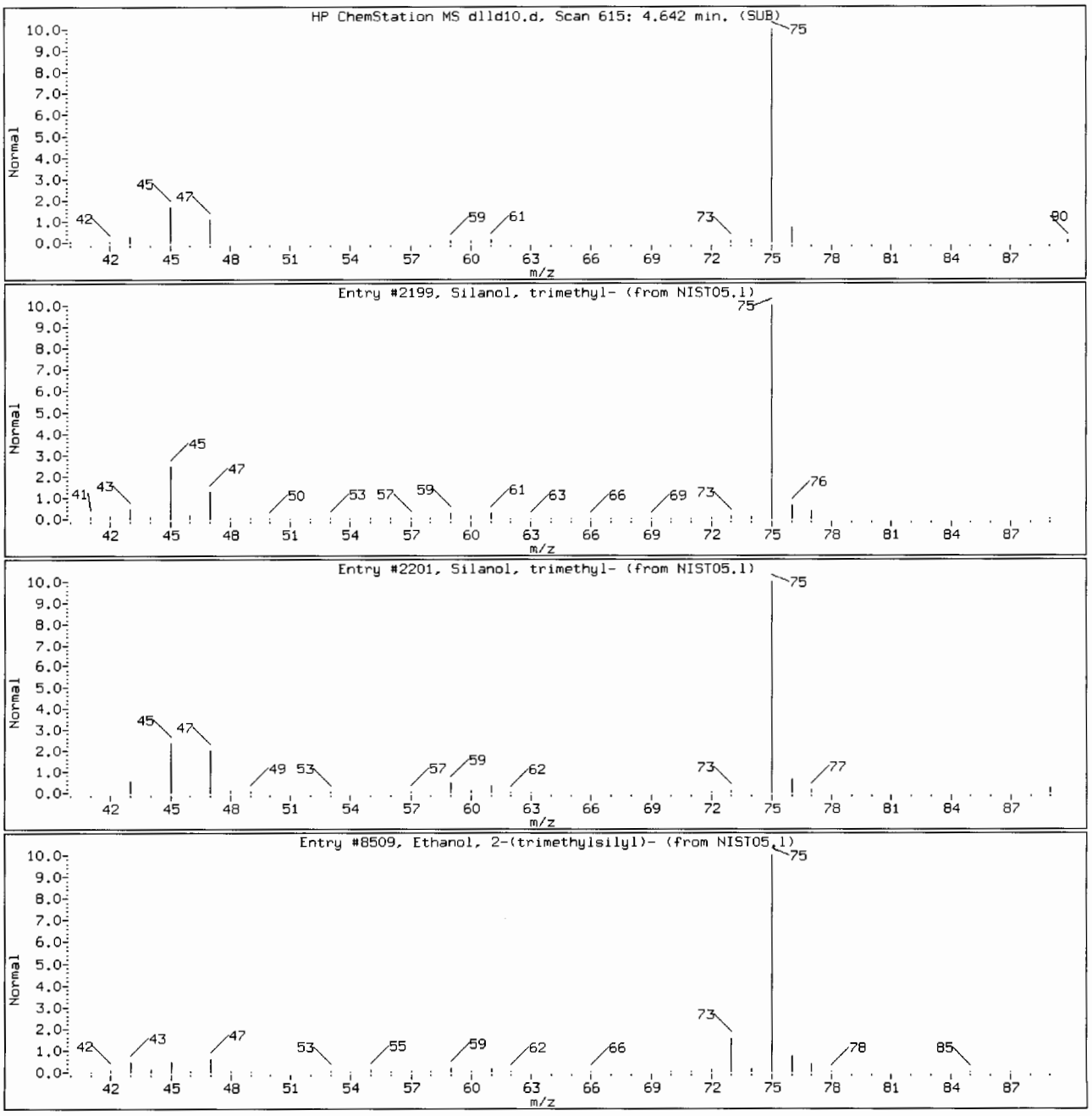


File Uploaded By: wilburj
Manual Integration Reason: Baseline event

Data File: d11d10.d
Lab Sample ID: 200-22183-10 Date: 12-MAY-2014 16:55
Client ID: MW-5S_050214DL Instrument: D.i
Sample Info: 200-22183-C-10 Operator: JSW

Retention Time: 4.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Silanol, trimethyl-	1066-40-6	NIST05.1	2199	78	C3H10OSi	90
Silanol, trimethyl-	1066-40-6	NIST05.1	2201	49	C3H10OSi	90
Ethanol, 2-(trimethylsilyl)-	2916-68-9	NIST05.1	8509	43	C5H14OSi	118



Data File: d11d10.d

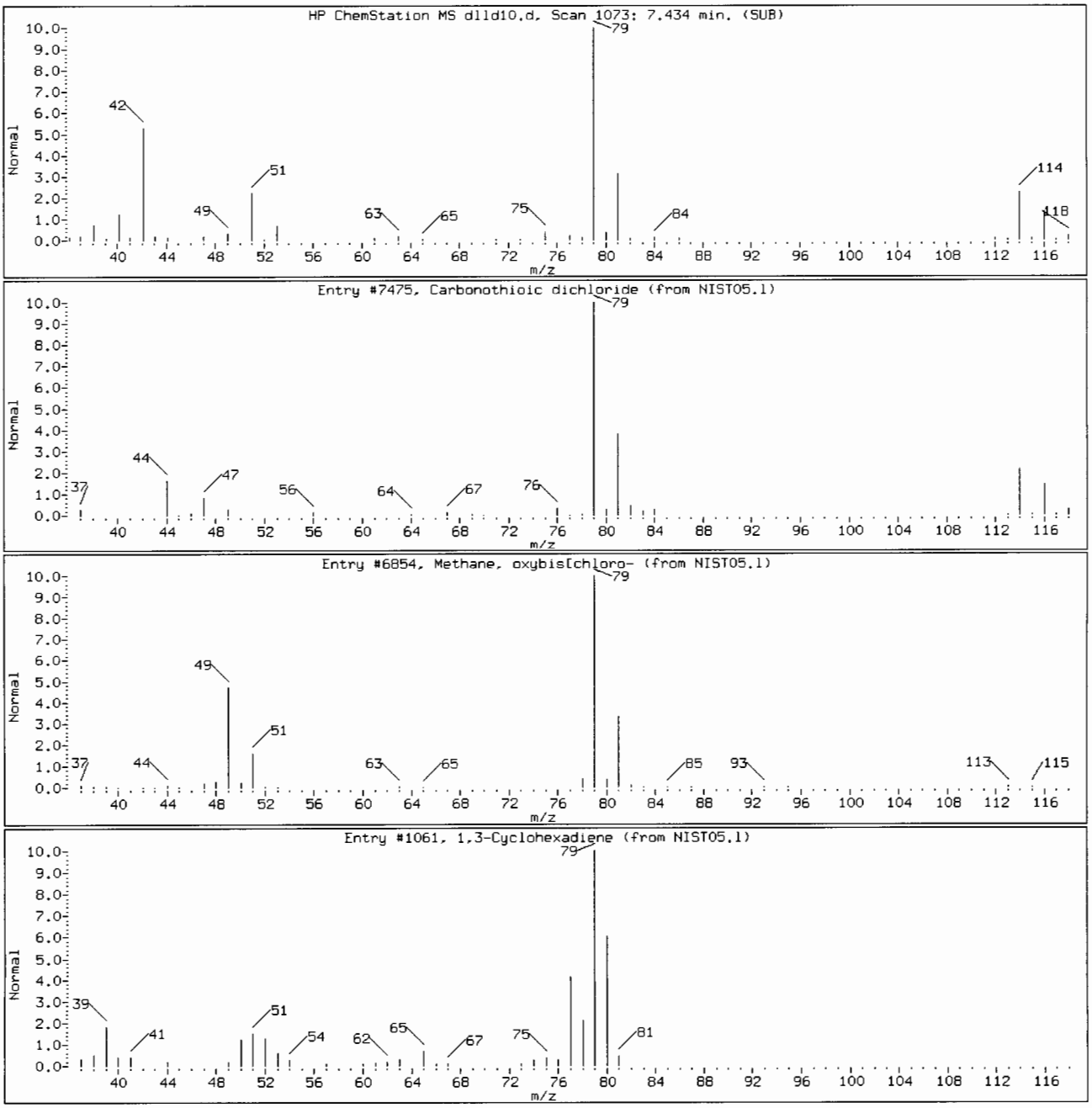
Lab Sample ID: 200-22183-10 Date: 12-MAY-2014 16:55

Client ID: MW-5S_050214DL Instrument: D.i

Sample Info: 200-22183-C-10 Operator: JSW

Retention Time: 7.43

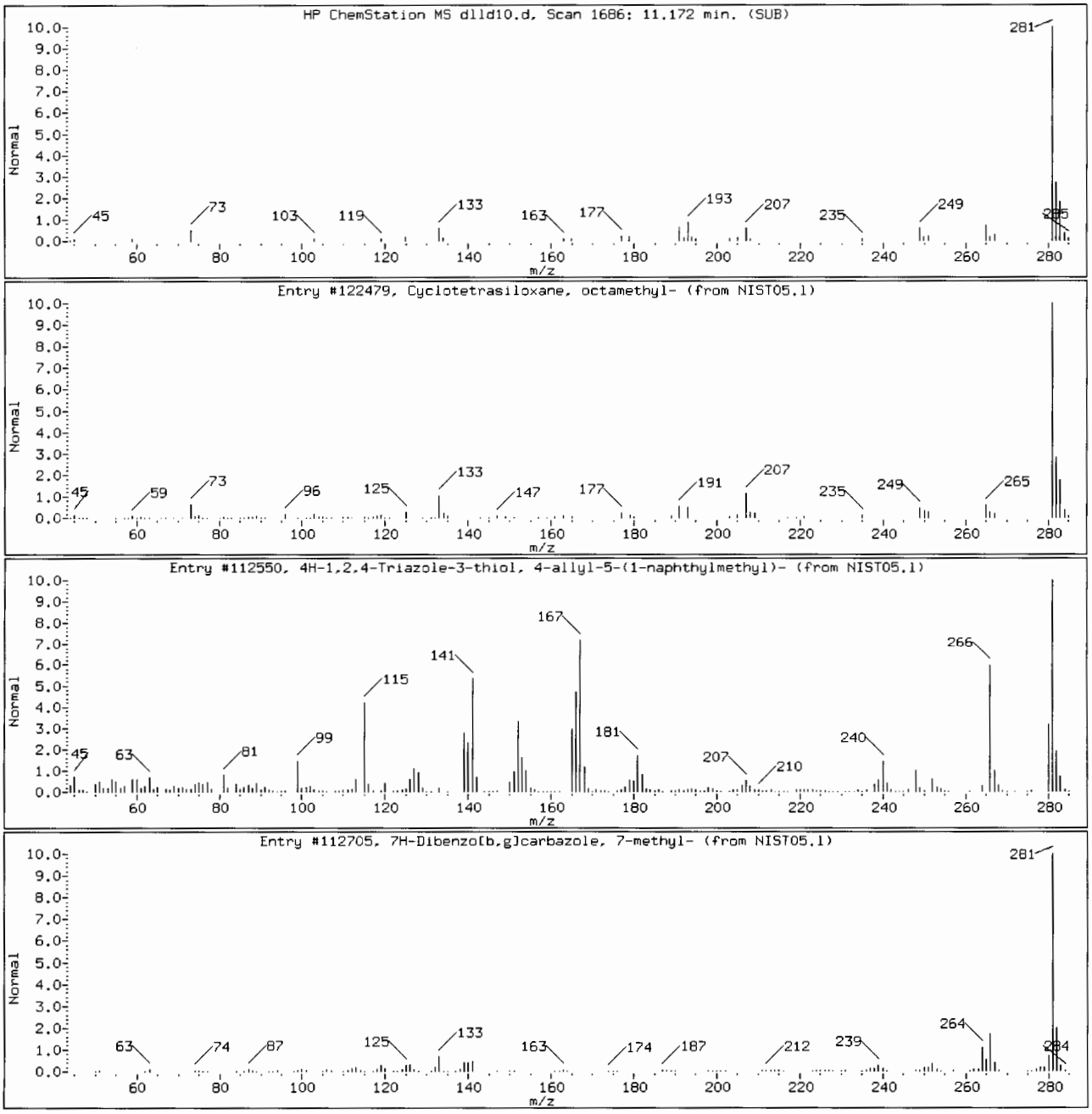
Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Carbonothioic dichloride	463-71-8	NIST05.1	7475	50	CCl2S	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6854	37	C2H4Cl2O	114
1,3-Cyclohexadiene	592-57-4	NIST05.1	1061	25	C6H8	80



Data File: d11d10.d
Lab Sample ID: 200-22183-10 Date: 12-MAY-2014 16:55
Client ID: MW-5S_050214DL Instrument: D.i
Sample Info: 200-22183-C-10 Operator: JSW

Retention Time: 11.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST05.1	122479	78	C8H24O4Si4	296
4H-1,2,4-Triazole-3-thiol, 4-allyl	31803-13-1	NIST05.1	112550	59	C16H15N3S	281
7H-Dibenzo[b,g]carbazole, 7-methyl	3557-49-1	NIST05.1	112705	59	C21H15N	281



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: EB-6_050214 | Lab Sample ID: 200-22183-11

Matrix: Water | Lab File ID: dlld18.d

Analysis Method: SOM01.2/VOA_Tr | Date Collected: 05/02/2014 11:20

Sample wt/vol: 25(mL) | Date Analyzed: 05/12/2014 20:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.2(mm)

% Moisture: | Level: (low/med) Trace

Analysis Batch No.: 72030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.074
74-87-3	Chloromethane	0.50	U	0.50	0.062
75-01-4	Vinyl chloride	0.50	U	0.50	0.067
74-83-9	Bromomethane	0.50	U	0.50	0.069
75-00-3	Chloroethane	0.50	U	0.50	0.093
75-69-4	Trichlorofluoromethane	0.50	U	0.50	0.099
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.037
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	0.038
67-64-1	Acetone	20		5.0	0.92
75-15-0	Carbon disulfide	0.50	U	0.50	0.050
79-20-9	Methyl acetate	0.50	U	0.50	0.14
75-09-2	Methylene chloride	0.34	J	0.50	0.070
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.047
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.062
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.075
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.053
78-93-3	2-Butanone	13		5.0	0.89
74-97-5	Bromochloromethane	0.50	U	0.50	0.073
67-66-3	Chloroform	0.50	U	0.50	0.081
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.078
110-82-7	Cyclohexane	0.50	U	0.50	0.066
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.066
71-43-2	Benzene	0.50	U	0.50	0.064
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.089
79-01-6	Trichloroethene	0.50	U	0.50	0.080
108-87-2	Methylcyclohexane	0.50	U	0.50	0.077
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.070
75-27-4	Bromodichloromethane	0.50	U	0.50	0.061
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.060
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.82
108-88-3	Toluene	0.14	J	0.50	0.068
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.087
127-18-4	Tetrachloroethene	0.50	U	0.50	0.078
591-78-6	2-Hexanone	5.0	U	5.0	0.95

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: EB-6_050214 | Lab Sample ID: 200-22183-11

Matrix: Water | Lab File ID: d11d18.d

Analysis Method: SOM01.2/VOA_Tr | Date Collected: 05/02/2014 11:20

Sample wt/vol: 25(mL) | Date Analyzed: 05/12/2014 20:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.2(mm)

% Moisture: | Level: (low/med) Trace

Analysis Batch No.: 72030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.50	U	0.50	0.067
106-93-4	1,2-Dibromoethane	0.50	U	0.50	0.058
108-90-7	Chlorobenzene	0.50	U	0.50	0.063
100-41-4	Ethylbenzene	0.28	J	0.50	0.059
95-47-6	o-Xylene	0.50	U	0.50	0.065
179601-23-1	m,p-Xylene	0.50	U	0.50	0.068
100-42-5	Styrene	0.50	U	0.50	0.061
75-25-2	Bromoform	0.50	U	0.50	0.083
98-82-8	Isopropylbenzene	0.50	U	0.50	0.058
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.091
541-73-1	1,3-Dichlorobenzene	0.50	U	0.50	0.064
106-46-7	1,4-Dichlorobenzene	0.50	U	0.50	0.059
95-50-1	1,2-Dichlorobenzene	0.50	U	0.50	0.072
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	0.50	0.16
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.066
87-61-6	1,2,3-Trichlorobenzene	0.50	U	0.50	0.091

CAS NO.	SURROGATE	%REC	Q	LIMITS
6745-35-3	Vinyl chloride-d3	111		65-131
19199-91-8	Chloroethane-d5	118		71-131
22280-73-5	1,1-Dichloroethene-d2	87		55-104
24313-50-6	2-Butanone-d5	109		49-155
865-49-6	Chloroform-d	108		78-121
17060-07-0	1,2-Dichloroethane-d4	130	X	78-129
1076-43-3	Benzene-d6	101		77-124
93952-08-0	1,2-Dichloropropane-d6	89		79-124
2037-26-5	Toluene-d8	99		77-121
93951-86-1	trans-1,3-Dichloropropene-d4	96		73-121
4840-82-8	2-Hexanone-d5	102		28-135
33685-54-0	1,1,2,2-Tetrachloroethane-d2	95		73-125
2199-69-1	1,2-Dichlorobenzene-d4	92		80-131

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington | Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: EB-6_050214 | Lab Sample ID: 200-22183-11

Matrix: Water | Lab File ID: dlld18.d

Analysis Method: SOM01.2/VOA_Tr | Date Collected: 05/02/2014 11:20

Sample wt/vol: 25(mL) | Date Analyzed: 05/12/2014 20:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.2(mm)

% Moisture: | Level: (low/med) Trace

Analysis Batch No.: 72030 | Units: ug/L

Number TICs Found: 4 | TIC Result Total: 5.22

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	4.64	0.55	J
	Unknown	7.43	3.0	J B
541-05-9	Cyclotrisiloxane, hexamethyl-	8.35	0.67	J N
	Unknown	11.17	1.0	J

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: EB-6_050214 Lab Sample ID: 200-22183-11

Matrix: Water Lab File ID: d11d18.d

Analysis Method: SOM01.2/VOA_Tr Date Collected: 05/02/2014 11:20

Sample wt/vol: 25(mL) Date Analyzed: 05/12/2014 20:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.2(mm)

% Moisture: Level: (low/med) Trace

Analysis Batch No.: 72030 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Total Alkanes			

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-11
Client Smp ID: EB-5_050214
Inj Date : 12-MAY-2014 20:12
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-A-11
Misc Info : 1,5
Comment :
Method : /chem/D.i/Dsvr.p/dlldsmtr.b/somtr5t.m
Meth Date : 13-May-2014 11:31 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dl107.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
$	3 Vinyl chloride-d3	65	1.777	1.771	(0.291)	78358	138.527	5.5
	4 Vinyl chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.137	2.131	(0.350)	63321	147.877	5.9
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
$	9 1,1-Dichloroethene-d2	63	2.844	2.838	(0.466)	126729	109.086	4.4(Q)
	10 1,1-Dichloroethene	96	Compound Not Detected.					
	11 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	12 Acetone	43	2.929	2.972	(0.480)	20704	499.418	20
	13 Carbon disulfide	76	Compound Not Detected.					
	14 Methyl acetate	43	Compound Not Detected.					
	15 Methylene chloride	84	3.325	3.325	(0.545)	3811	8.61233	0.34(aQ)
	16 trans-1,2-Dichloroethene	96	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	17 Methyl tert-butyl ether	73	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
$	19 2-Butanone-d5	46	4.679	4.703	(0.766)	87604	1365.49	55
	20 cis-1,2-Dichloroethene	96	Compound Not Detected.					
	21 2-Butanone	43	4.746	4.764	(0.777)	20093	316.126	13
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.032	5.026	(0.824)	132010	134.782	5.4
	24 Chloroform	83	Compound Not Detected.					
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	5.612	5.612	(0.919)	56366	162.713	6.5(R)
$	29 Benzene-d6	84	5.630	5.630	(0.594)	292862	125.946	5.0
	30 Benzene	78	5.673	5.673	(0.599)	2364	0.98741	0.039(a)
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	6.105	6.099	(1.000)	245556	125.000	
	33 Trichloroethene	95	Compound Not Detected.					
$	34 1,2-Dichloropropane-d6	67	6.550	6.550	(0.691)	72192	110.902	4.4
	35 Methylcyclohexane	55	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
	38 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	39 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	40 Toluene-d8	98	7.782	7.782	(0.821)	286125	124.273	5.0
	41 Toluene	91	7.861	7.861	(0.830)	8862	3.39569	0.14(a)
$	42 trans-1,3-Dichloropropene-d4	79	8.087	8.087	(0.853)	57337	120.509	4.8
	43 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	44 1,1,2-Trichloroethane	97	Compound Not Detected.					
	45 Tetrachloroethene	163	Compound Not Detected.					
$	46 2-Hexanone-d5	63	8.599	8.599	(0.907)	69127	1279.22	51(Q)
	47 2-Hexanone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
	49 1,2-Dibromoethane	107	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	9.477	9.477	(1.000)	199013	125.000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	9.641	9.641	(1.017)	22557	7.06710	0.28(a)
	53 m,p-Xylene	106	9.782	9.782	(1.032)	1229	0.96955	0.039(a)
	55 o-Xylene	106	Compound Not Detected.					
	54 Styrene	104	Compound Not Detected.					
	56 Bromoform	172	Compound Not Detected.					
	57 Isopropylbenzene	105	Compound Not Detected.					
$	58 1,1,2,2-Tetrachloroethane-d2	84	11.056	11.050	(1.167)	26712	119.183	4.8
	59 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	60 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	61 1,4-Dichlorobenzene-d4	152	12.293	12.293	(1.000)	99290	125.000	
	62 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	63 1,2-Dichlorobenzene-d4	152	12.720	12.720	(1.035)	81870	115.184	4.6
	64 1,2-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
65 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
66 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
67 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-11
Client Smp ID: EB-5_050214
Inj Date : 12-MAY-2014 20:12
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-A-11
Misc Info : 1,5
Comment :
Method : /chem/D.i/Dsvr.p/dlldsmtr.b/somtr5t.m
Meth Date : 13-May-2014 11:31 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 32 1,4-Difluorobenzene	6.105	572489	125.000
* 50 Chlorobenzene-d5	9.477	624068	125.000
* 61 1,4-Dichlorobenzene-d4	12.293	588323	125.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
4.642	63008	13.7573707	0.55	0		0	32

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/L)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
7.434	345838	75.5119181	3.0	0		0	32
Cyclotrisiloxane, hexamethyl-				CAS #: 541-05-9			
8.349	83033	16.6313200	0.67	90	NIST05.1	73123	50
Unknown				CAS #:			
11.172	119197	25.3256366	1.0	0		0	61

Data File: /chem/D.i/Dsvr.p/dlldsmtr.b/dlld18.d

Date : 12-MAY-2014 20:12

Client ID: EB-5_050214

Sample Info: 200-22183-A-11

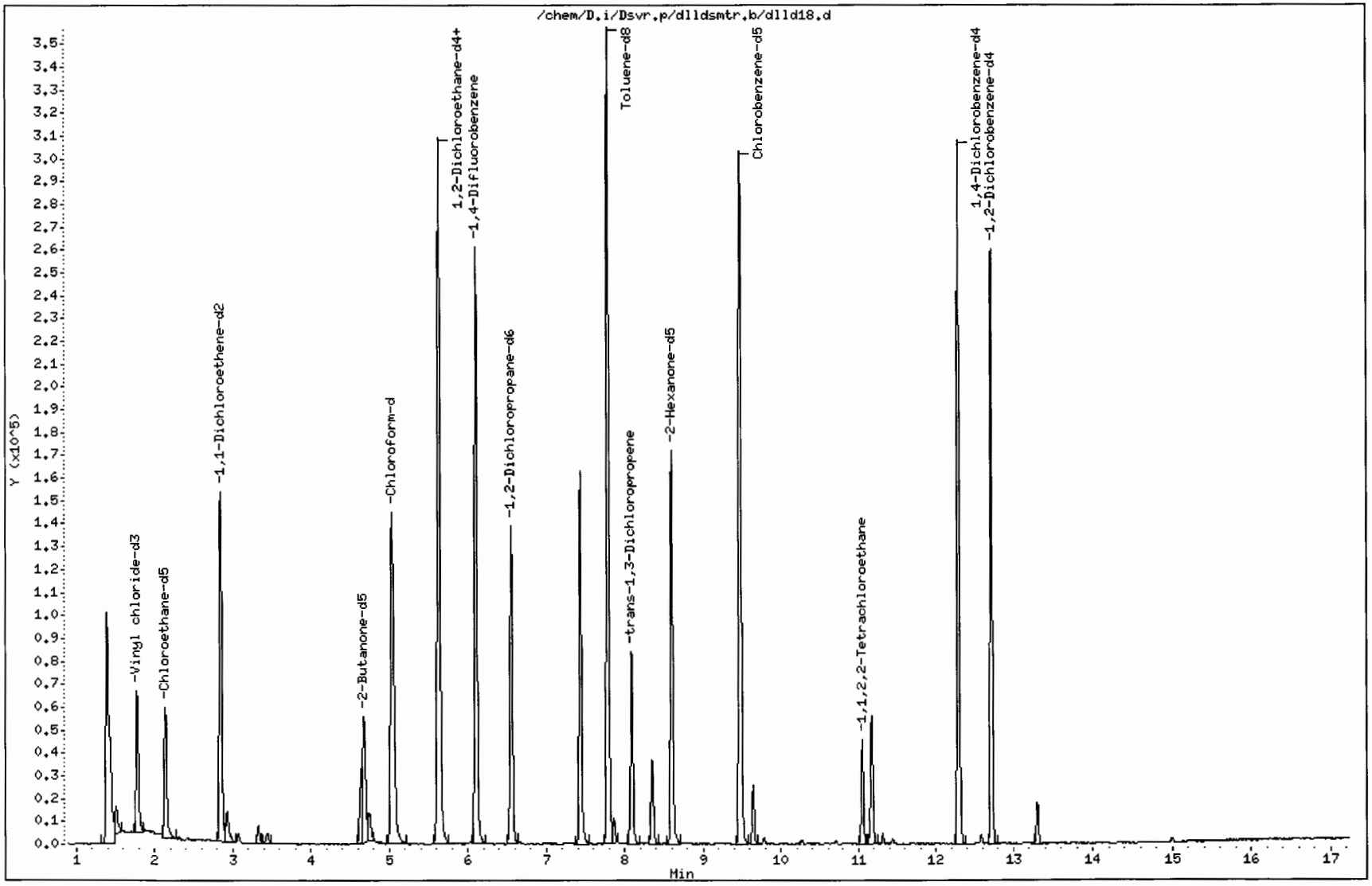
Purge Volume: 25.0

Column phase: DB-624

Instrument: D.i

Operator: JSW

Column diameter: 0.20



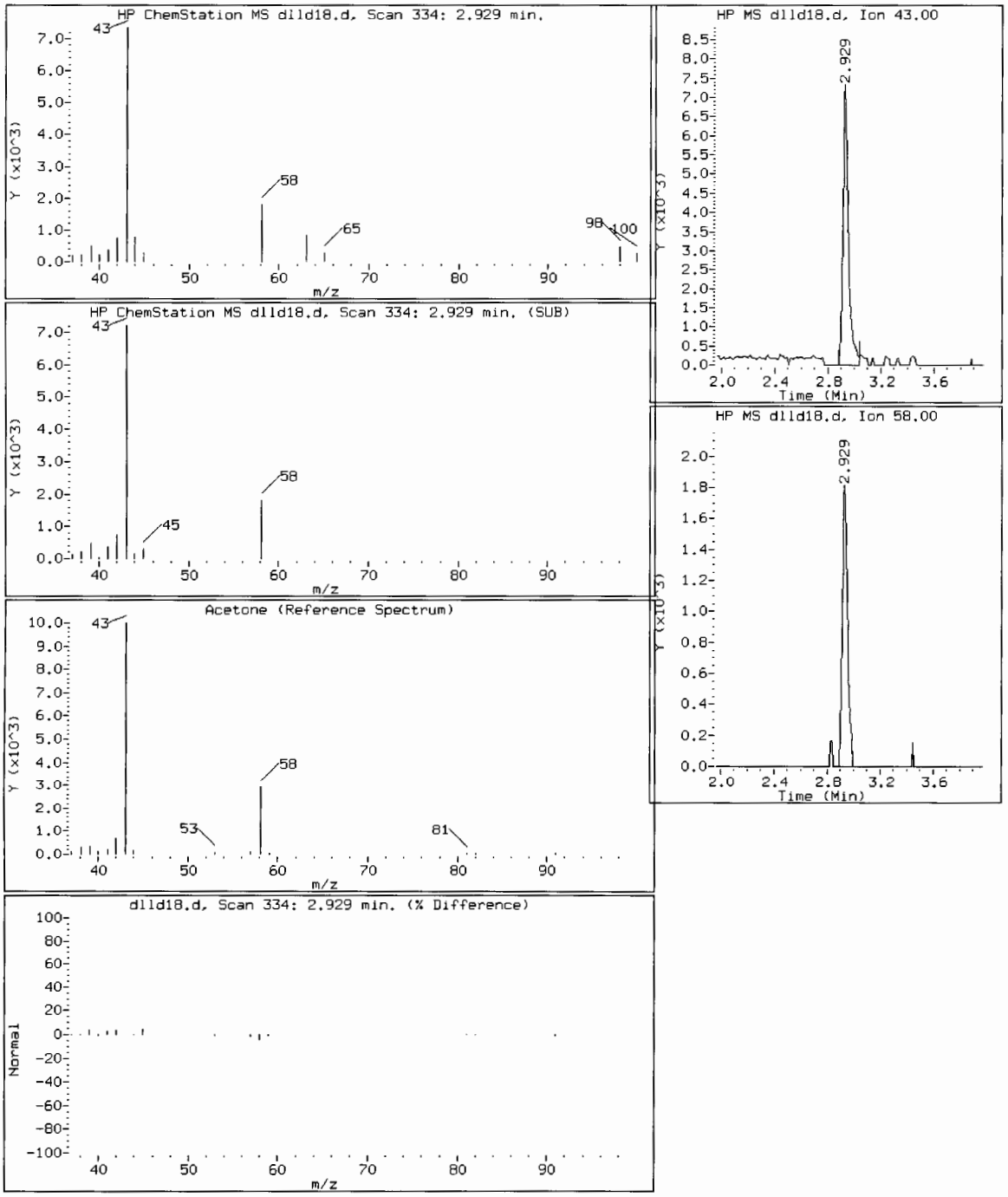
Data File: dlld18.d

Lab Sample ID: 200-22183-11 Date: 12-MAY-2014 20:12

Client ID: EB-5_050214 Instrument: D.i

Sample Info: 200-22183-A-11 Operator: JSW

12 Acetone



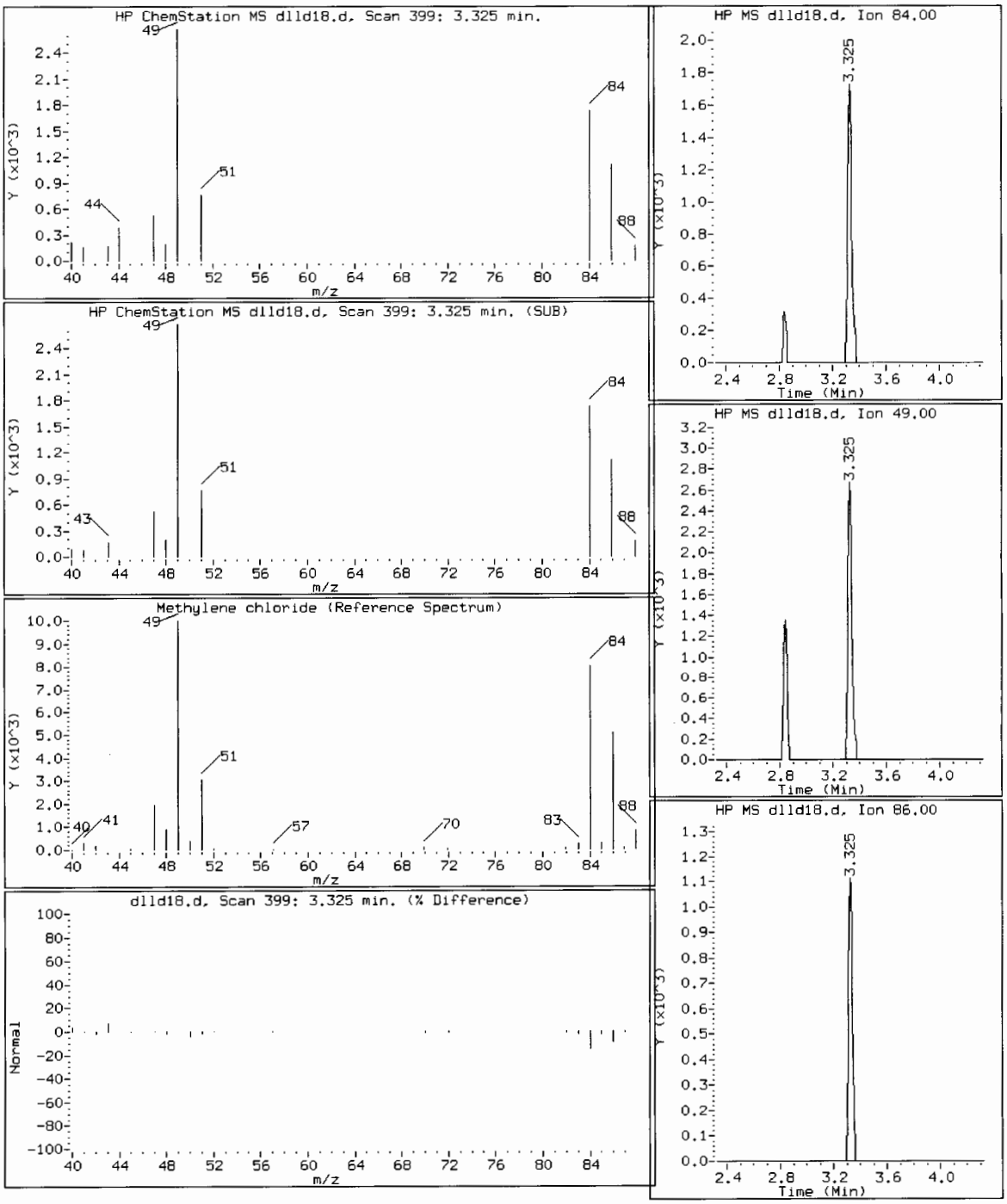
Data File: dlld18.d

Lab Sample ID: 200-22183-11 Date: 12-MAY-2014 20:12

Client ID: EB-5_050214 Instrument: D.i

Sample Info: 200-22183-A-11 Operator: JSW

15 Methylene chloride



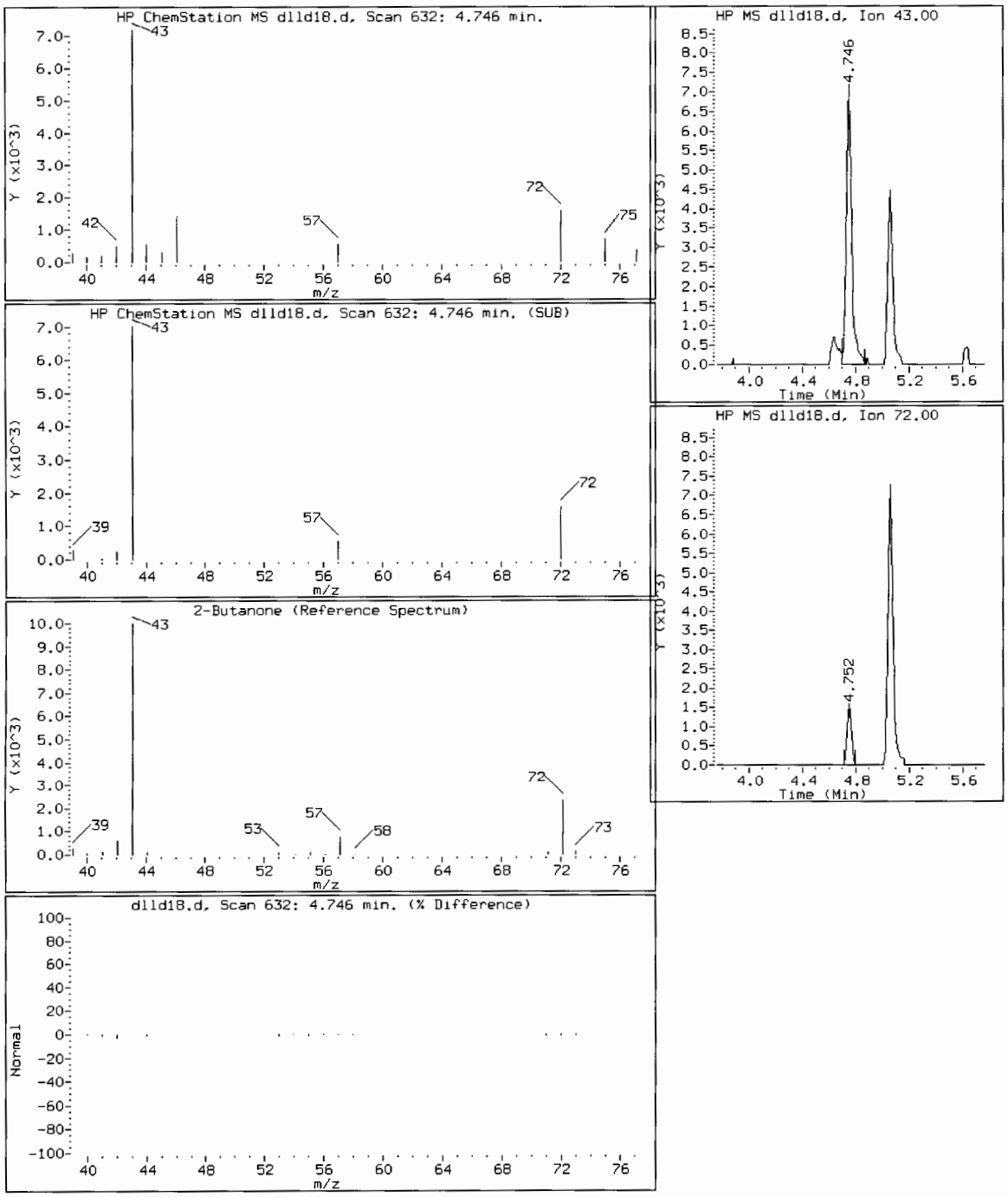
Data File: dlld18.d

Lab Sample ID: 200-22183-11 Date: 12-MAY-2014 20:12

Client ID: EB-5_050214 Instrument: D.i

Sample Info: 200-22183-A-11 Operator: JSW

21 2-Butanone



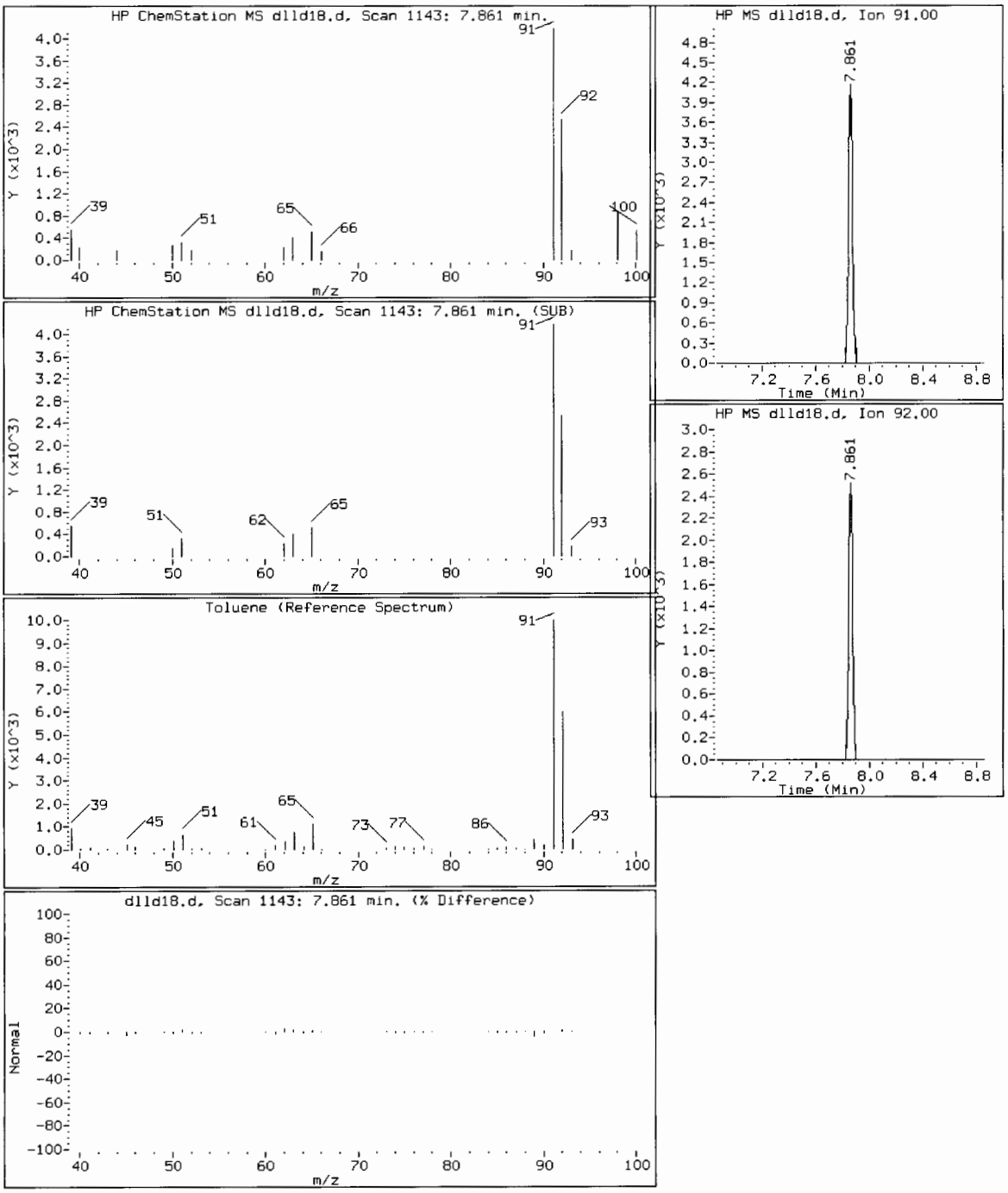
Data File: dlld18.d

Lab Sample ID: 200-22183-11 Date: 12-MAY-2014 20:12

Client ID: EB-5_050214 Instrument: D.i

Sample Info: 200-22183-A-11 Operator: JSW

41 Toluene



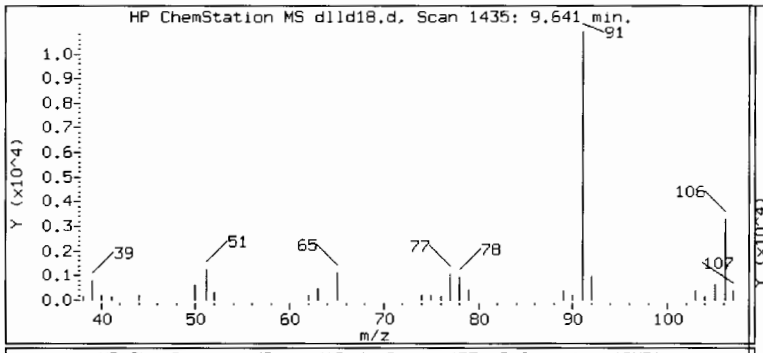
Data File: dlld18.d

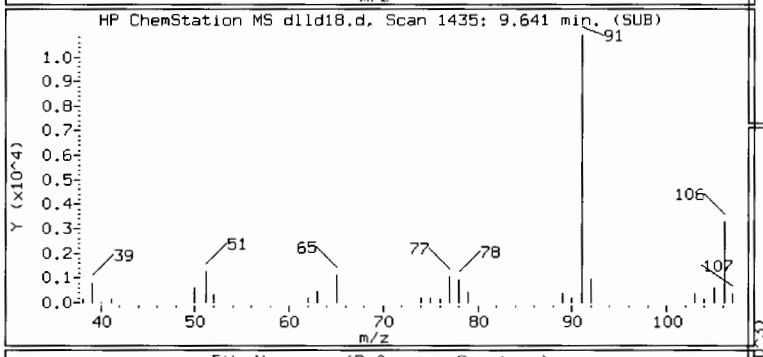
Lab Sample ID: 200-22183-11 Date: 12-MAY-2014 20:12

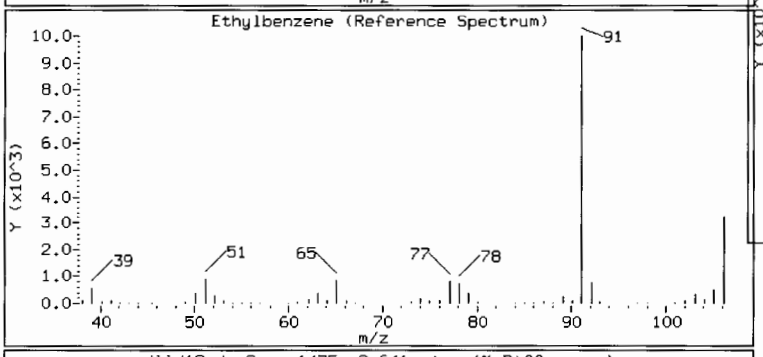
Client ID: EB-5_050214 Instrument: D.i

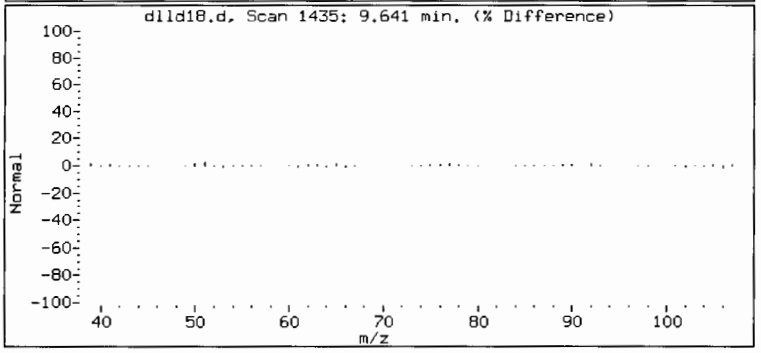
Sample Info: 200-22183-A-11 Operator: JSW

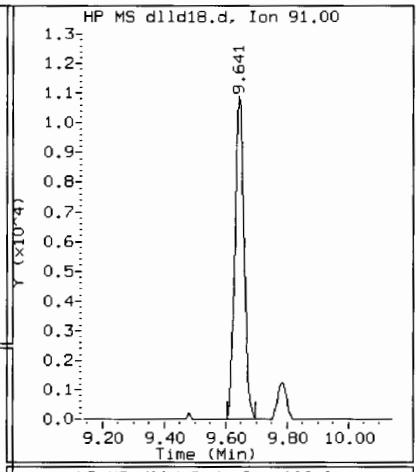
52 Ethylbenzene

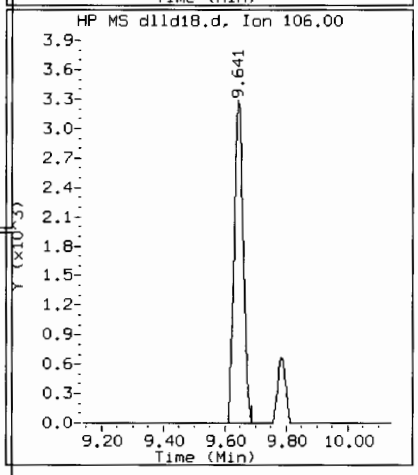












Data File: d11d18.d

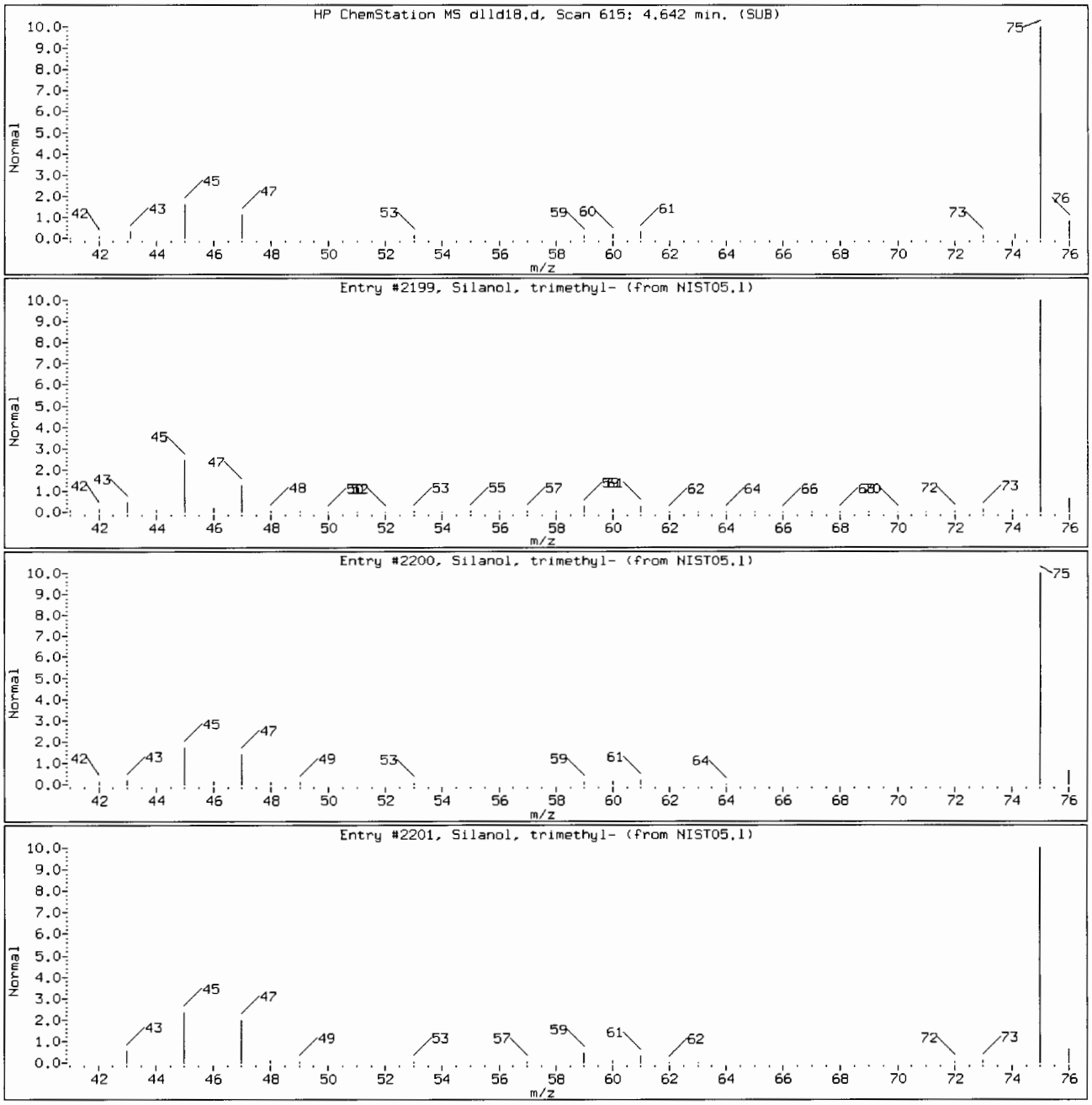
Lab Sample ID: 200-22183-11 Date: 12-MAY-2014 20:12

Client ID: EB-5_050214 Instrument: D.i

Sample Info: 200-22183-A-11 Operator: JSW

Retention Time: 4.64

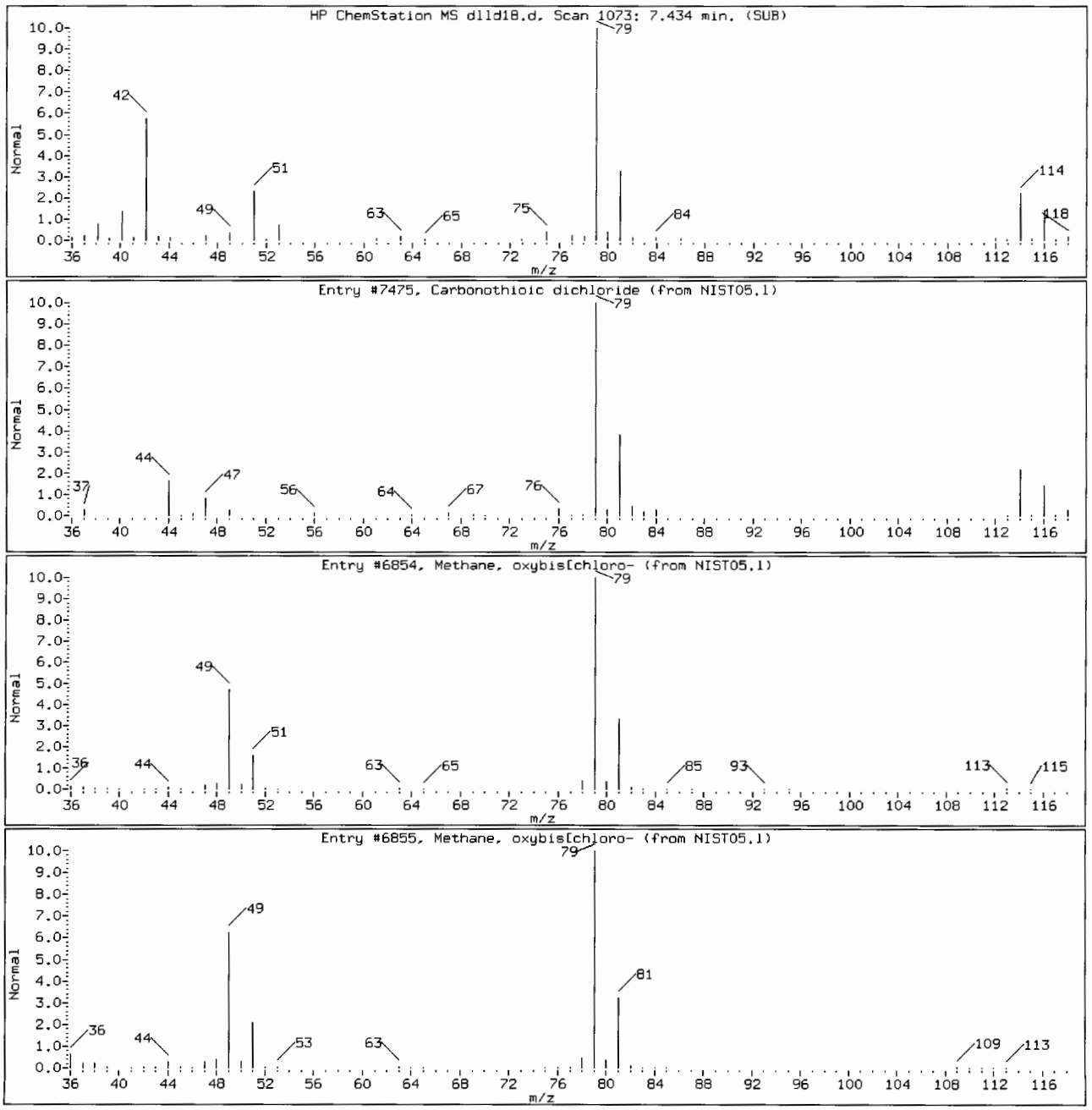
Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Silanol, trimethyl-	1066-40-6	NIST05.1	2199	74	C3H10OSi	90
Silanol, trimethyl-	1066-40-6	NIST05.1	2200	74	C3H10OSi	90
Silanol, trimethyl-	1066-40-6	NIST05.1	2201	9	C3H10OSi	90



Data File: dlld18.d
Lab Sample ID: 200-22183-11 Date: 12-MAY-2014 20:12
Client ID: EB-5_050214 Instrument: D.i
Sample Info: 200-22183-A-11 Operator: JSW

Retention Time: 7.43

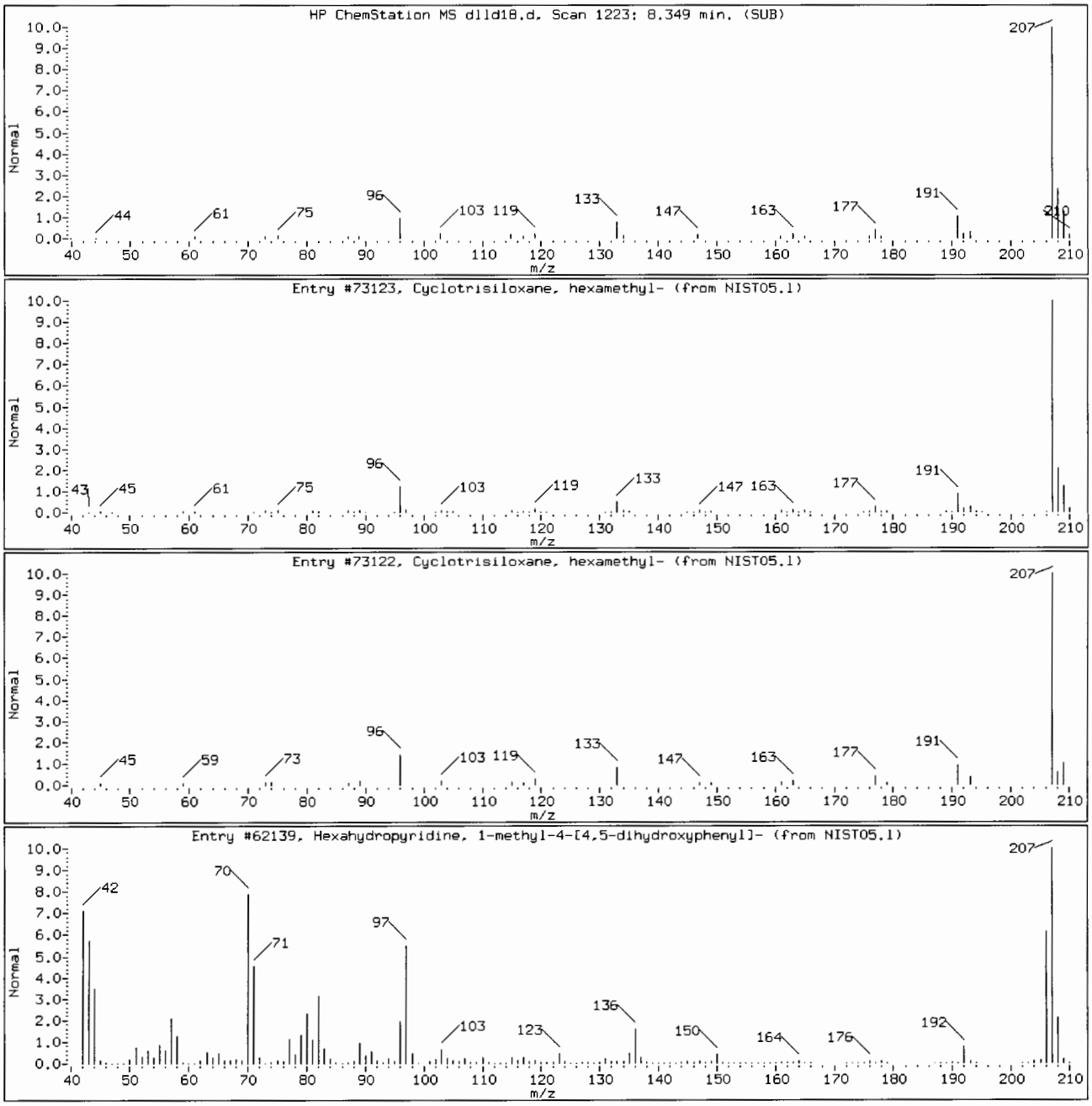
Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Carbonothioic dichloride	463-71-8	NIST05.1	7475	47	CCl2S	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6854	37	C2H4Cl2O	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6855	25	C2H4Cl2O	114



Data File: d11d18.d
Lab Sample ID: 200-22183-11 Date: 12-MAY-2014 20:12
Client ID: EB-5_050214 Instrument: D.i
Sample Info: 200-22183-A-11 Operator: JSW

Retention Time: 8.35

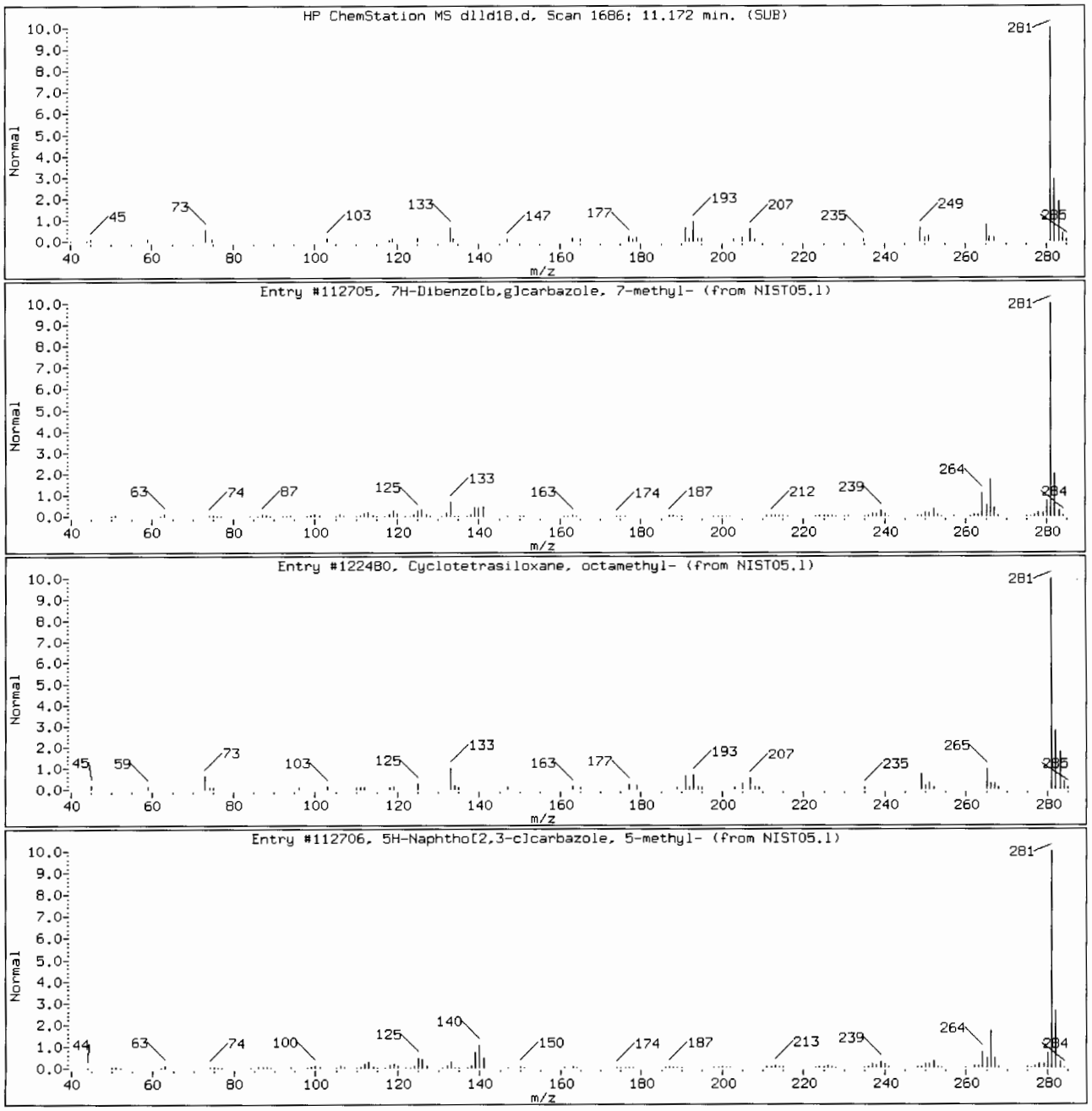
Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST05.1	73123	90	C6H18O3Si3	222
Cyclotrisiloxane, hexamethyl-	541-05-9	NIST05.1	73122	80	C6H18O3Si3	222
Hexahydropyridine, 1-methyl-4-[4,5	94427-47-1	NIST05.1	62139	53	C12H17NO2	207



Data File: d11d18.d
Lab Sample ID: 200-22183-11 Date: 12-MAY-2014 20:12
Client ID: EB-5_050214 Instrument: D.i
Sample Info: 200-22183-A-11 Operator: JSW

Retention Time: 11.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
7H-Dibenzo[b,g]carbazole, 7-methyl	3557-49-1	NIST05.1	112705	59	C21H15N	281
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST05.1	122480	53	C8H24O4Si4	296
5H-Naphtho[2,3-c]carbazole, 5-meth	100025-44-3	NIST05.1	112706	50	C21H15N	281



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington
Job No.: 200-22132-1
SDG No.: 200-22132
Client Sample ID: FB-3_050214
Lab Sample ID: 200-22183-12
Matrix: Water
Lab File ID: dlld19.d
Analysis Method: SOM01.2/VOA_Tr
Date Collected: 05/02/2014 10:58
Sample wt/vol: 25(mL)
Date Analyzed: 05/12/2014 20:37
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.2(mm)
% Moisture:
Level: (low/med) Trace
Analysis Batch No.: 72030
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.074
74-87-3	Chloromethane	0.50	U	0.50	0.062
75-01-4	Vinyl chloride	0.50	U	0.50	0.067
74-83-9	Bromomethane	0.50	U	0.50	0.069
75-00-3	Chloroethane	0.50	U	0.50	0.093
75-69-4	Trichlorofluoromethane	0.50	U	0.50	0.099
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.037
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	0.038
67-64-1	Acetone	19		5.0	0.92
75-15-0	Carbon disulfide	0.50	U	0.50	0.050
79-20-9	Methyl acetate	0.50	U	0.50	0.14
75-09-2	Methylene chloride	0.37	J	0.50	0.070
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.047
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.062
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.075
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.053
78-93-3	2-Butanone	14		5.0	0.89
74-97-5	Bromochloromethane	0.50	U	0.50	0.073
67-66-3	Chloroform	0.50	U	0.50	0.081
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.078
110-82-7	Cyclohexane	0.50	U	0.50	0.066
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.066
71-43-2	Benzene	0.50	U	0.50	0.064
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.089
79-01-6	Trichloroethene	0.50	U	0.50	0.080
108-87-2	Methylcyclohexane	0.50	U	0.50	0.077
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.070
75-27-4	Bromodichloromethane	0.50	U	0.50	0.061
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.060
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.82
108-88-3	Toluene	0.12	J	0.50	0.068
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.087
127-18-4	Tetrachloroethene	0.50	U	0.50	0.078
591-78-6	2-Hexanone	5.0	U	5.0	0.95

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: FB-3_050214 Lab Sample ID: 200-22183-12

Matrix: Water Lab File ID: d11d19.d

Analysis Method: SOM01.2/VOA_Tr Date Collected: 05/02/2014 10:58

Sample wt/vol: 25(mL) Date Analyzed: 05/12/2014 20:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.2(mm)

% Moisture: Level: (low/med) Trace

Analysis Batch No.: 72030 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.50	U	0.50	0.067
106-93-4	1,2-Dibromoethane	0.50	U	0.50	0.058
108-90-7	Chlorobenzene	0.50	U	0.50	0.063
100-41-4	Ethylbenzene	0.40	J	0.50	0.059
95-47-6	o-Xylene	0.50	U	0.50	0.065
179601-23-1	m,p-Xylene	0.50	U	0.50	0.068
100-42-5	Styrene	0.50	U	0.50	0.061
75-25-2	Bromoform	0.50	U	0.50	0.083
98-82-8	Isopropylbenzene	0.50	U	0.50	0.058
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.091
541-73-1	1,3-Dichlorobenzene	0.50	U	0.50	0.064
106-46-7	1,4-Dichlorobenzene	0.50	U	0.50	0.059
95-50-1	1,2-Dichlorobenzene	0.50	U	0.50	0.072
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	0.50	0.16
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.066
87-61-6	1,2,3-Trichlorobenzene	0.50	U	0.50	0.091

CAS NO.	SURROGATE	%REC	Q	LIMITS
6745-35-3	Vinyl chloride-d3	114		65-131
19199-91-8	Chloroethane-d5	122		71-131
22280-73-5	1,1-Dichloroethene-d2	92		55-104
24313-50-6	2-Butanone-d5	107		49-155
865-49-6	Chloroform-d	109		78-121
17060-07-0	1,2-Dichloroethane-d4	129		78-129
1076-43-3	Benzene-d6	106		77-124
93952-08-0	1,2-Dichloropropane-d6	90		79-124
2037-26-5	Toluene-d8	105		77-121
93951-86-1	trans-1,3-Dichloropropene-d4	96		73-121
4840-82-8	2-Hexanone-d5	102		28-135
33685-54-0	1,1,2,2-Tetrachloroethane-d2	97		73-125
2199-69-1	1,2-Dichlorobenzene-d4	97		80-131

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington
Job No.: 200-22132-1
SDG No.: 200-22132
Client Sample ID: FB-3_050214
Lab Sample ID: 200-22183-12
Matrix: Water
Lab File ID: d11d19.d
Analysis Method: SOM01.2/VOA_Tr
Date Collected: 05/02/2014 10:58
Sample wt/vol: 25(mL)
Date Analyzed: 05/12/2014 20:37
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.2(mm)
% Moisture:
Level: (low/med) Trace
Analysis Batch No.: 72030
Units: ug/L
Number TICs Found: 2
TIC Result Total: 3.79

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	7.43	3.0	J B
556-67-2	Cyclotetrasiloxane, octamethyl-	11.17	0.79	J N

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: FB-3_050214 Lab Sample ID: 200-22183-12

Matrix: Water Lab File ID: d11d19.d

Analysis Method: SOM01.2/VOA_Tr Date Collected: 05/02/2014 10:58

Sample wt/vol: 25(mL) Date Analyzed: 05/12/2014 20:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.2(mm)

% Moisture: Level: (low/med) Trace

Analysis Batch No.: 72030 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Total Alkanes			

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-12
Client Smp ID: FB-3_050214
Inj Date : 12-MAY-2014 20:37
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-C-12
Misc Info : 1,5
Comment :
Method : /chem/D.i/Dsvr.p/dlldsmtr.b/somtr5t.m
Meth Date : 13-May-2014 11:31 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
$	3 Vinyl chloride-d3	65	1.777	1.771	(0.291)	80031	142.670	5.7
	4 Vinyl chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.137	2.131	(0.350)	64884	152.796	6.1
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
$	9 1,1-Dichloroethene-d2	63	2.844	2.838	(0.466)	131793	114.396	4.6(Q)
	10 1,1-Dichloroethene	96	Compound Not Detected.					
	11 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	12 Acetone	43	2.929	2.972	(0.480)	19712	479.472	19
	13 Carbon disulfide	76	Compound Not Detected.					
	14 Methyl acetate	43	Compound Not Detected.					
	15 Methylene chloride	84	3.325	3.325	(0.545)	4107	9.35900	0.37(aQ)
	16 trans-1,2-Dichloroethene	96	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	17 Methyl tert-butyl ether	73	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
$	19 2-Butanone-d5	46	4.679	4.703	(0.766)	85388	1342.09	54
	20 cis-1,2-Dichloroethene	96	Compound Not Detected.					
	21 2-Butanone	43	4.746	4.764	(0.777)	22656	359.436	14
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.032	5.026	(0.824)	132344	136.254	5.5
	24 Chloroform	83	Compound Not Detected.					
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	5.611	5.612	(0.919)	55571	161.762	6.5(R)
$	29 Benzene-d6	84	5.630	5.630	(0.594)	298144	132.016	5.3
	30 Benzene	78	5.679	5.673	(0.599)	2514	1.08118	0.043(a)
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	6.105	6.099	(1.000)	243516	125.000	
	33 Trichloroethene	95	Compound Not Detected.					
$	34 1,2-Dichloropropane-d6	67	6.556	6.550	(0.692)	70883	112.117	4.5(Q)
	35 Methylcyclohexane	55	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
	38 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	39 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	40 Toluene-d8	98	7.782	7.782	(0.821)	292732	130.910	5.2
	41 Toluene	91	7.861	7.861	(0.830)	7421	2.92779	0.12(a)
$	42 trans-1,3-Dichloropropene-d4	79	8.087	8.087	(0.853)	55639	120.405	4.8
	43 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	44 1,1,2-Trichloroethane	97	Compound Not Detected.					
	45 Tetrachloroethene	163	Compound Not Detected.					
$	46 2-Hexanone-d5	63	8.599	8.599	(0.907)	67077	1278.07	51
	47 2-Hexanone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
	49 1,2-Dibromoethane	107	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	9.477	9.477	(1.000)	193286	125.000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	9.641	9.641	(1.017)	30972	9.99103	0.40(a)
	53 m,p-Xylene	106	9.781	9.782	(1.032)	1348	1.09494	0.044(aQ)
	55 o-Xylene	106	Compound Not Detected.					
	54 Styrene	104	Compound Not Detected.					
	56 Bromoform	172	Compound Not Detected.					
	57 Isopropylbenzene	105	Compound Not Detected.					
$	58 1,1,2,2-Tetrachloroethane-d2	84	11.056	11.050	(1.167)	26382	121.199	4.8
	59 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	60 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	61 1,4-Dichlorobenzene-d4	152	12.293	12.293	(1.000)	94329	125.000	
	62 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	63 1,2-Dichlorobenzene-d4	152	12.720	12.720	(1.035)	81957	121.371	4.9
	64 1,2-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
65 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
66 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
67 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

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

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-12
Client Smp ID: FB-3_050214
Inj Date : 12-MAY-2014 20:37
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-C-12
Misc Info : 1,5
Comment :
Method : /chem/D.i/Dsvr.p/dlldsmtr.b/somtr5t.m
Meth Date : 13-May-2014 11:31 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 32 1,4-Difluorobenzene	6.105	563947	125.000
* 61 1,4-Dichlorobenzene-d4	12.293	567558	125.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
7.434	342247	75.8597397	3.0	0		0	32
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
11.171	89461	19.7031602	0.79	91	NIST05.1	122481	61

Data File: /chem/D.i/Dsvr.p/dlldsmtr.b/dlld19.d

Date : 12-MAY-2014 20:37

Client ID: FB-3_050214

Sample Info: 200-22183-C-12

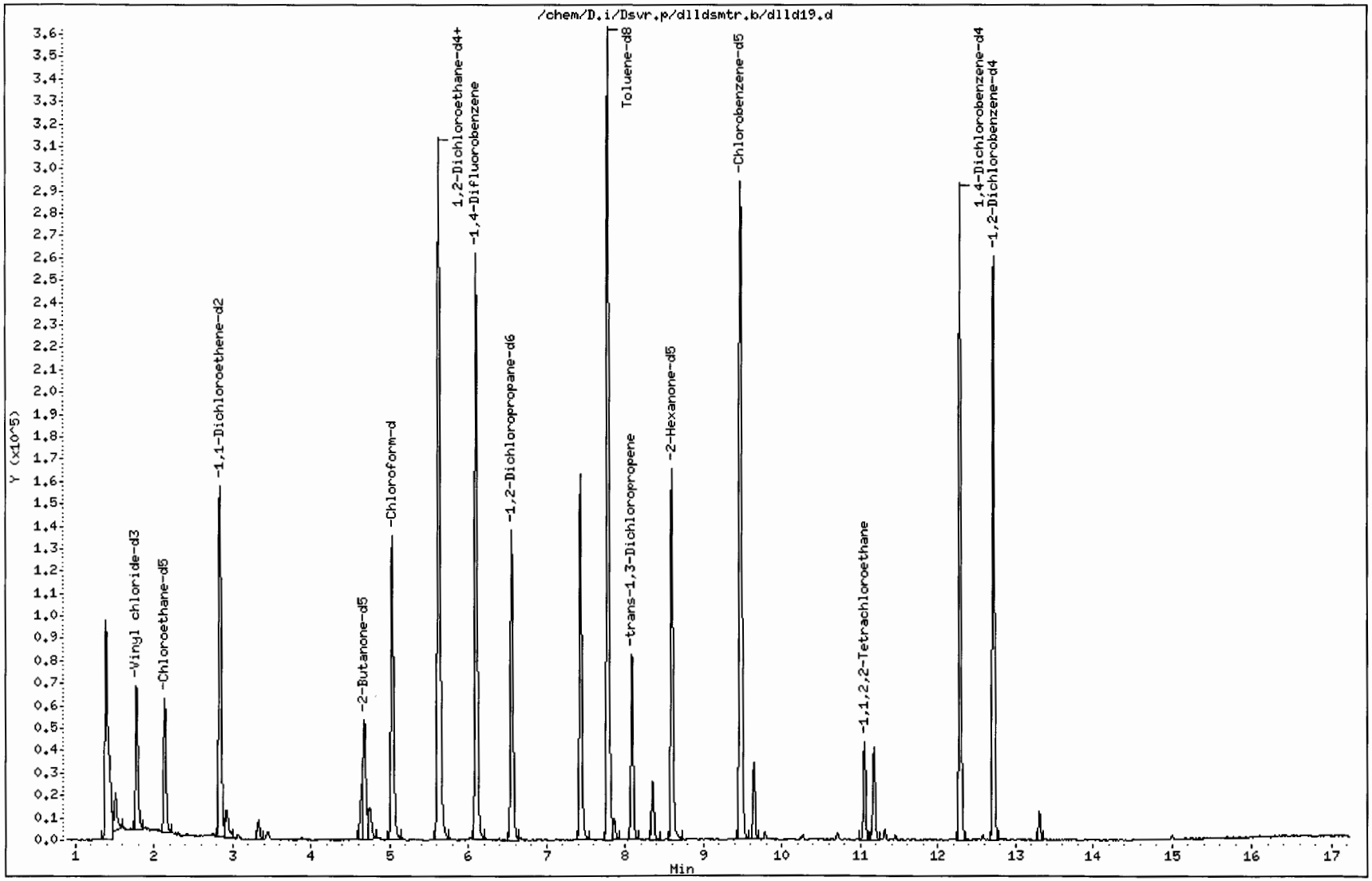
Purge Volume: 25.0

Column phase: DB-624

Instrument: D.i

Operator: JSW

Column diameter: 0.20



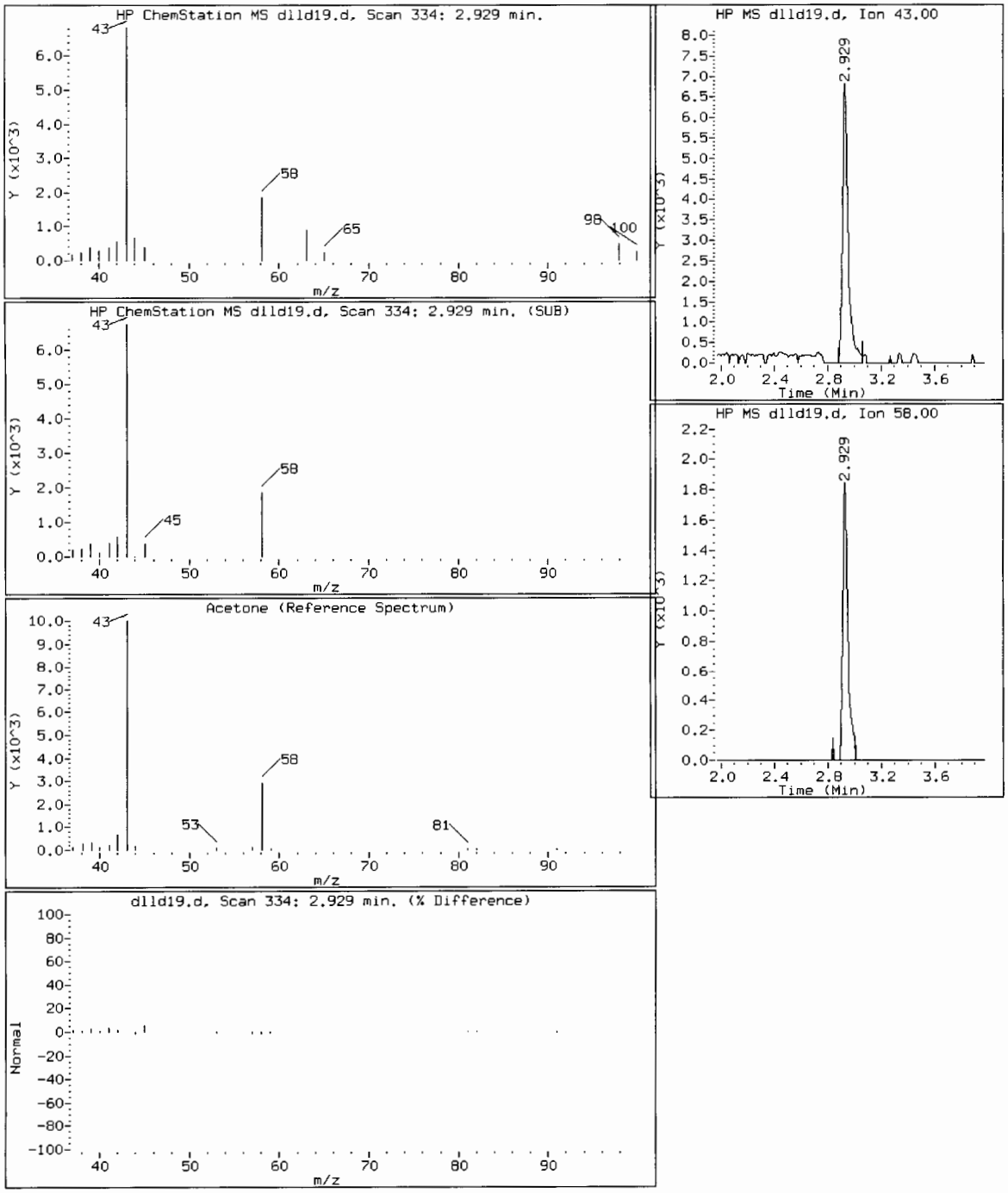
Data File: dlld19.d

Lab Sample ID: 200-22183-12 Date: 12-MAY-2014 20:37

Client ID: FB-3_050214 Instrument: D.i

Sample Info: 200-22183-C-12 Operator: JSW

12 Acetone



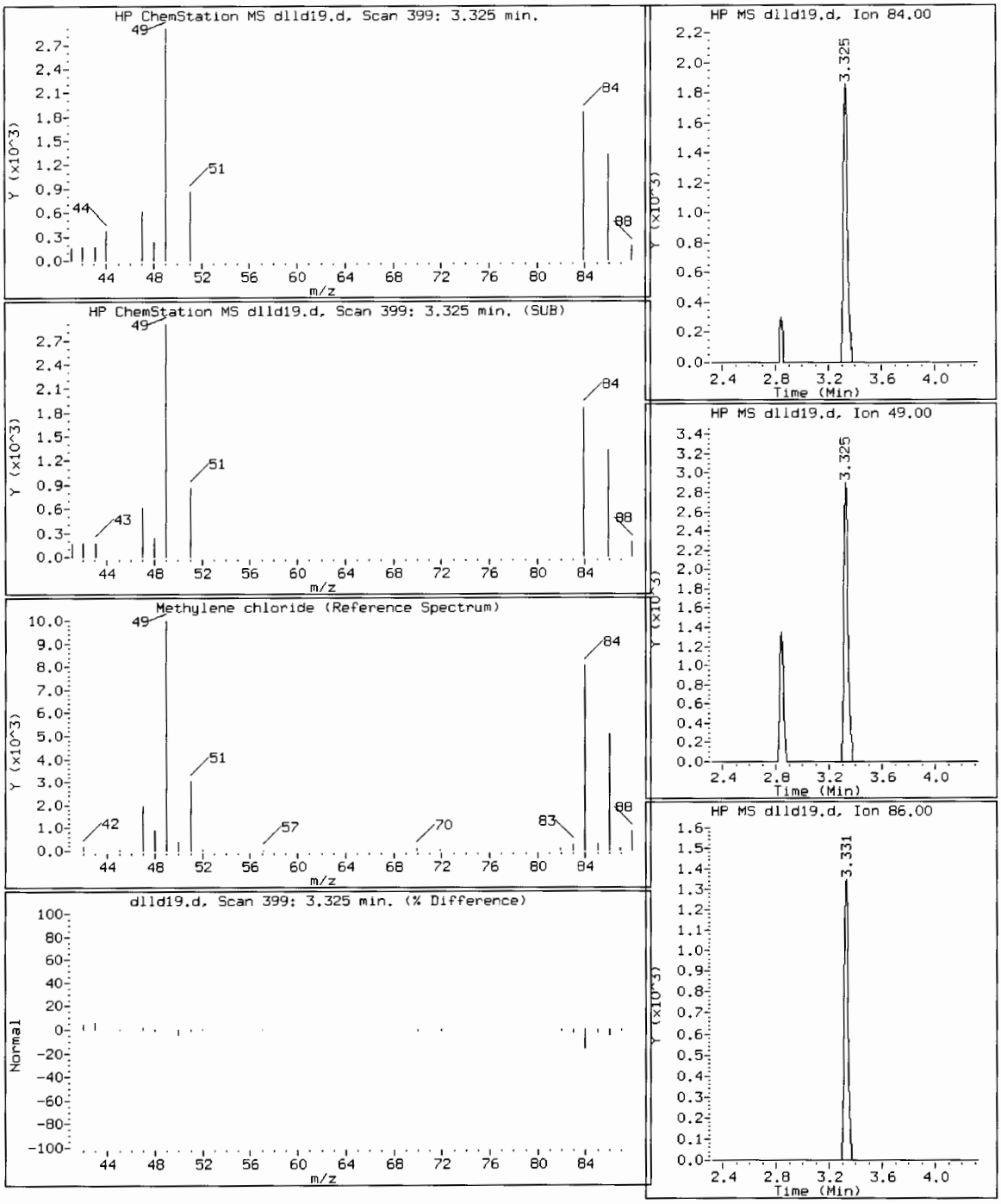
Data File: dlld19.d

Lab Sample ID: 200-22183-12 Date: 12-MAY-2014 20:37

Client ID: FB-3_050214 Instrument: D.i

Sample Info: 200-22183-C-12 Operator: JSW

15 Methylene chloride



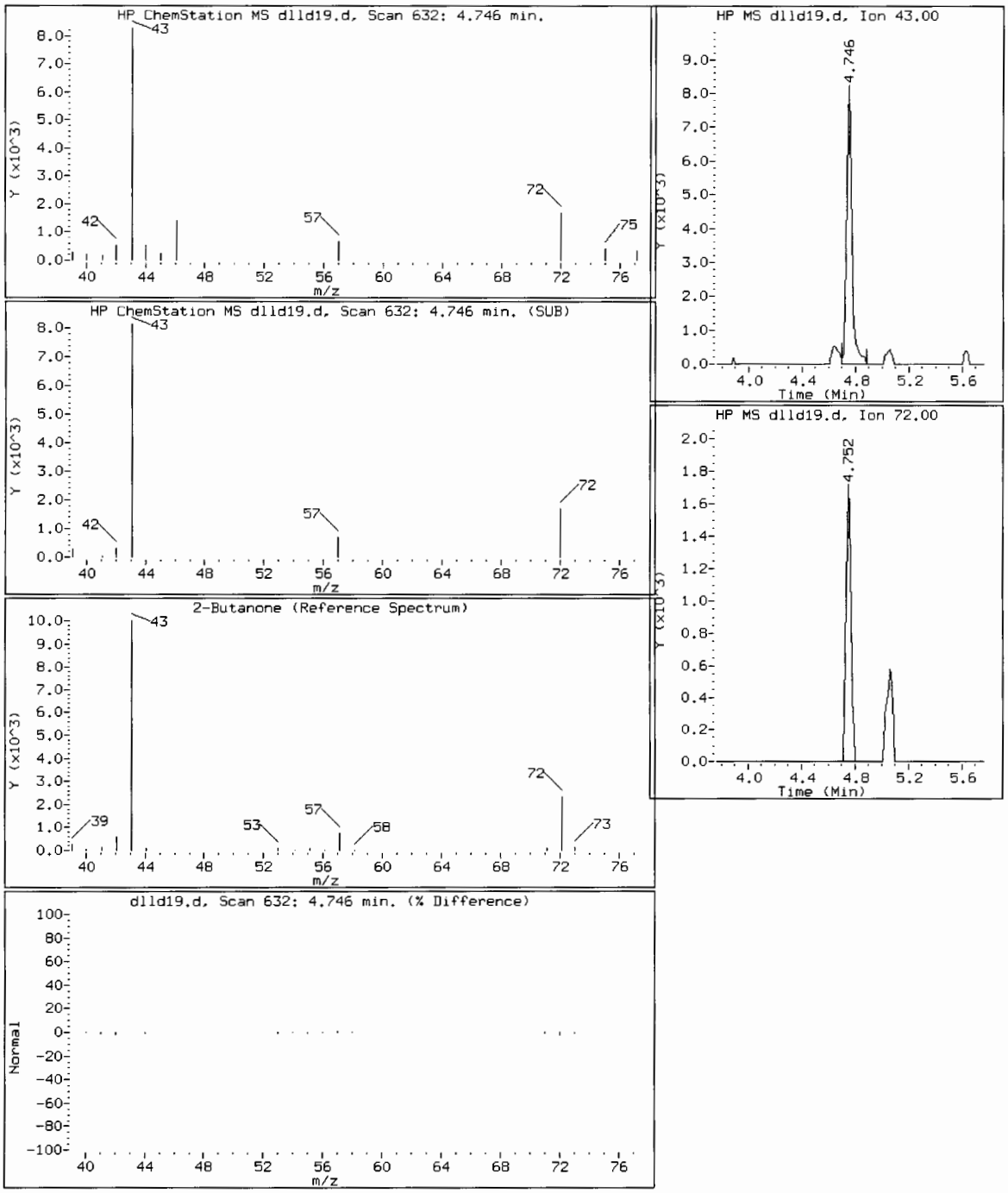
Data File: dlld19.d

Lab Sample ID: 200-22183-12 Date: 12-MAY-2014 20:37

Client ID: FB-3_050214 Instrument: D.i

Sample Info: 200-22183-C-12 Operator: JSW

21 2-Butanone



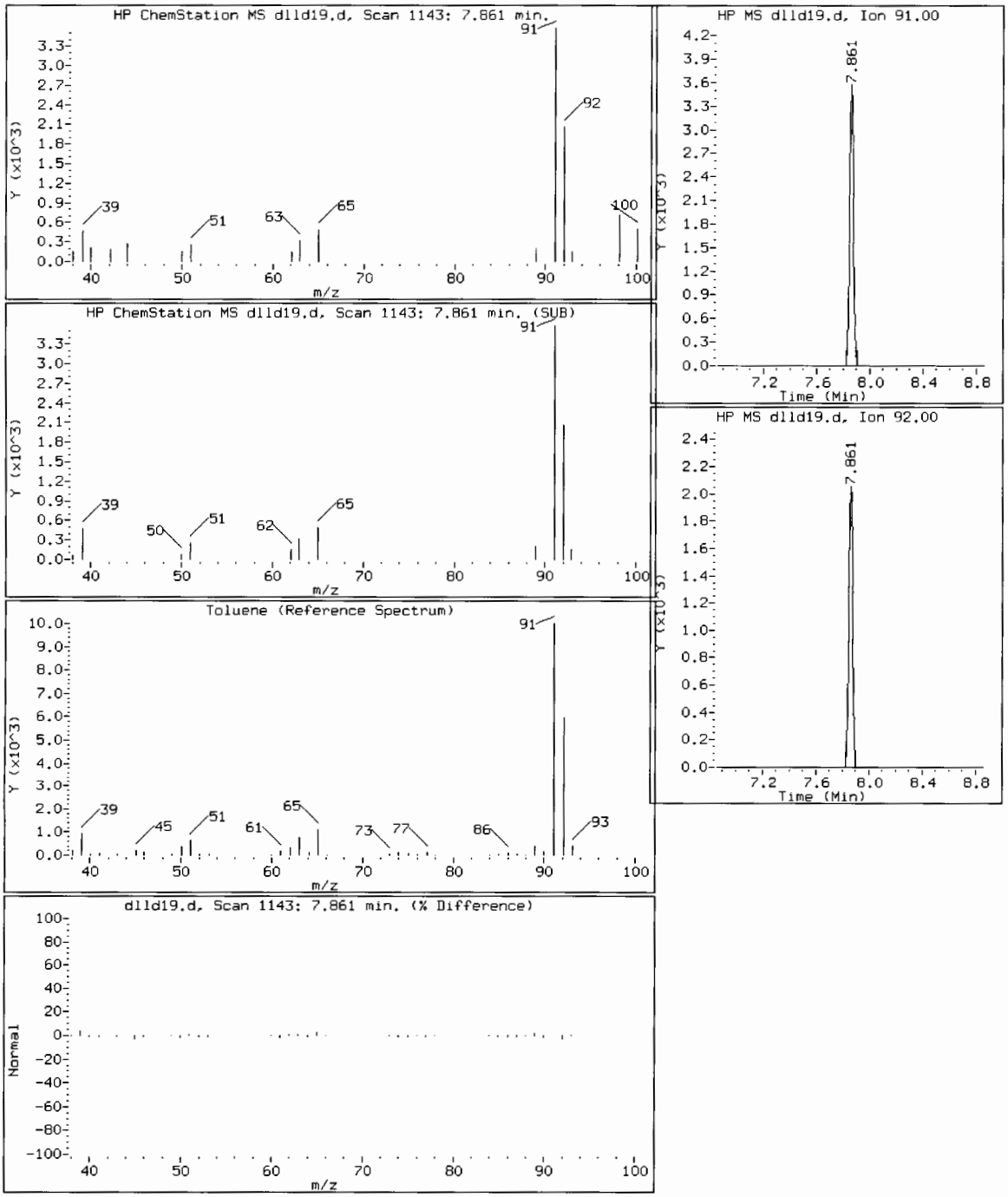
Data File: dlld19.d

Lab Sample ID: 200-22183-12 Date: 12-MAY-2014 20:37

Client ID: FB-3_050214 Instrument: D.i

Sample Info: 200-22183-C-12 Operator: JSW

41 Toluene



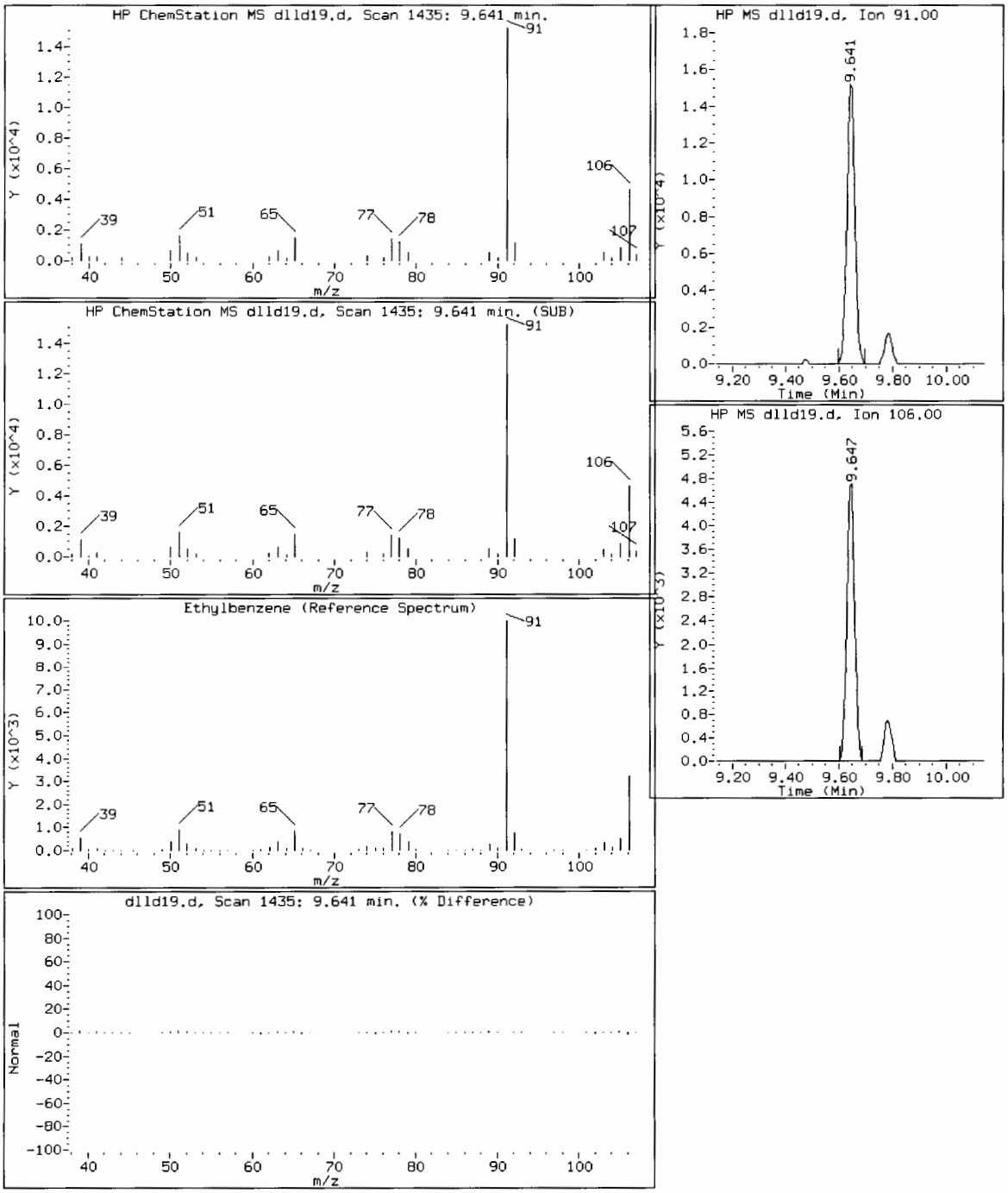
Data File: dlld19.d

Lab Sample ID: 200-22183-12 Date: 12-MAY-2014 20:37

Client ID: FB-3_050214 Instrument: D.i

Sample Info: 200-22183-C-12 Operator: JSW

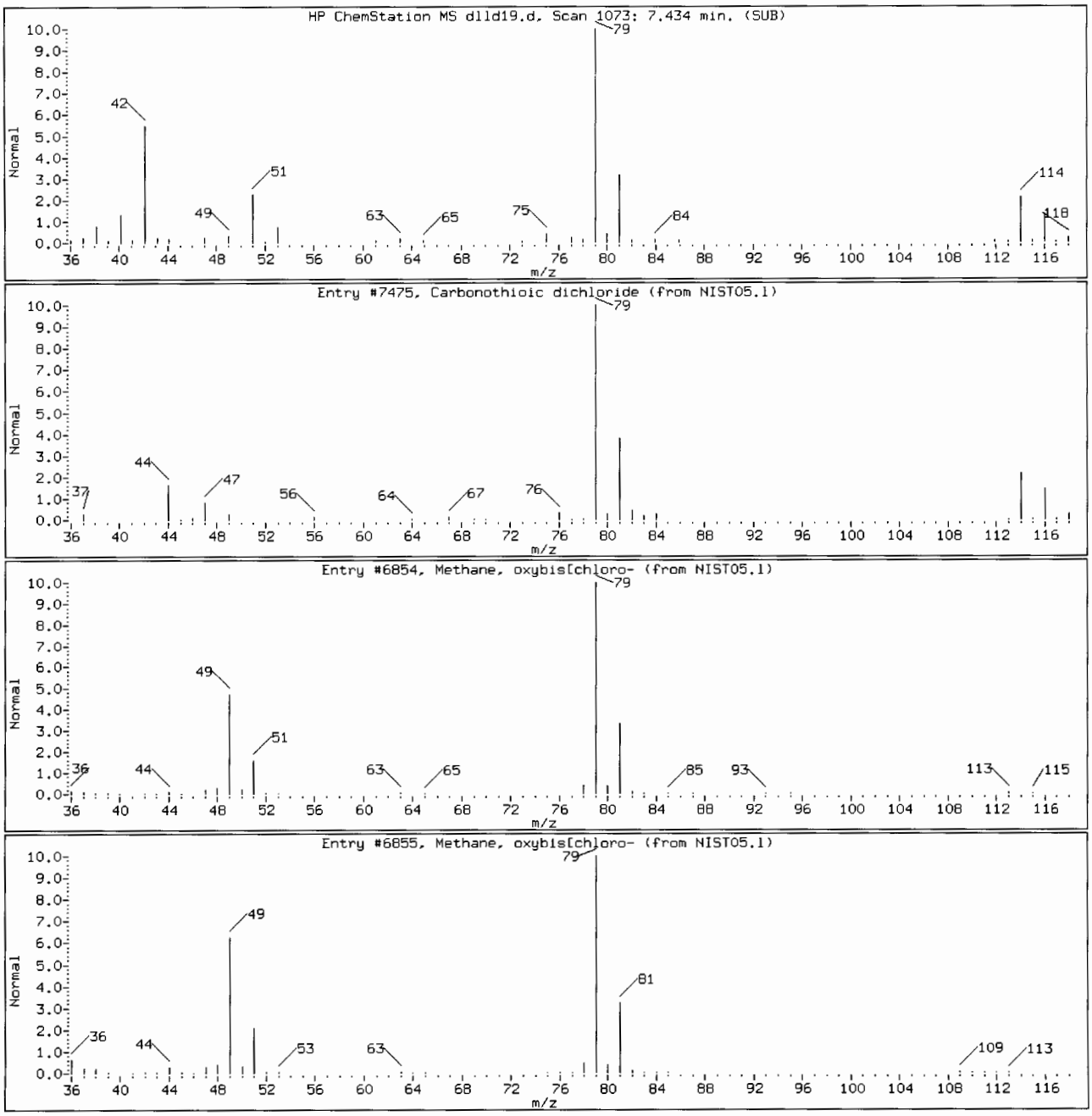
52 Ethylbenzene



Data File: d11d19.d
Lab Sample ID: 200-22183-12 Date: 12-MAY-2014 20:37
Client ID: FB-3_050214 Instrument: D.i
Sample Info: 200-22183-C-12 Operator: JSW

Retention Time: 7.43

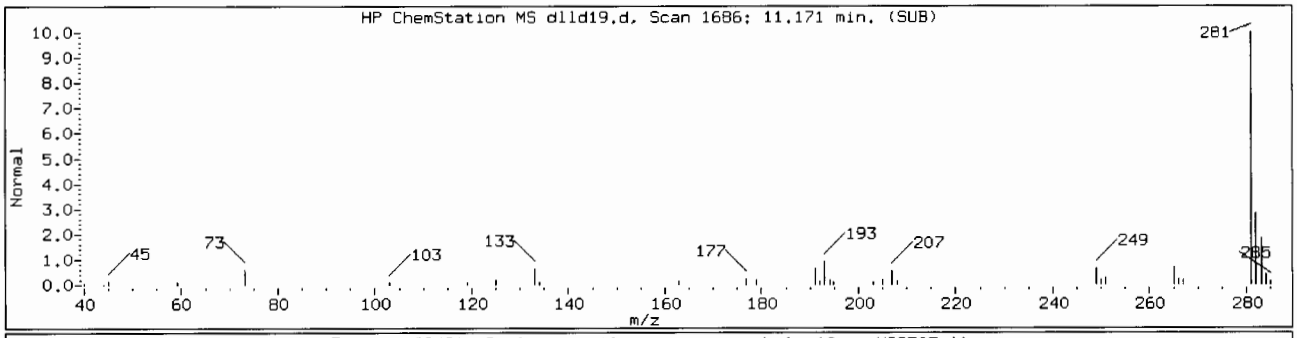
Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Carbonothioic dichloride	463-71-8	NIST05.1	7475	52	CCl2S	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6854	37	C2H4Cl2O	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6855	23	C2H4Cl2O	114

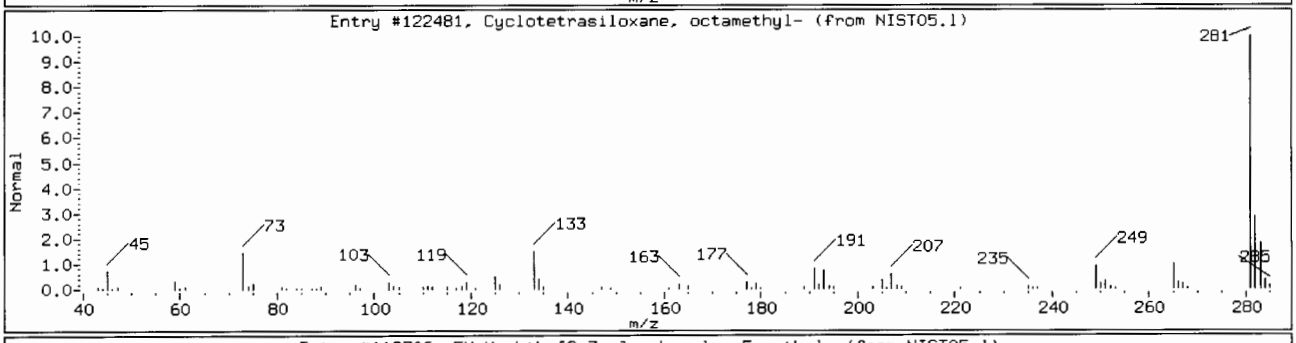


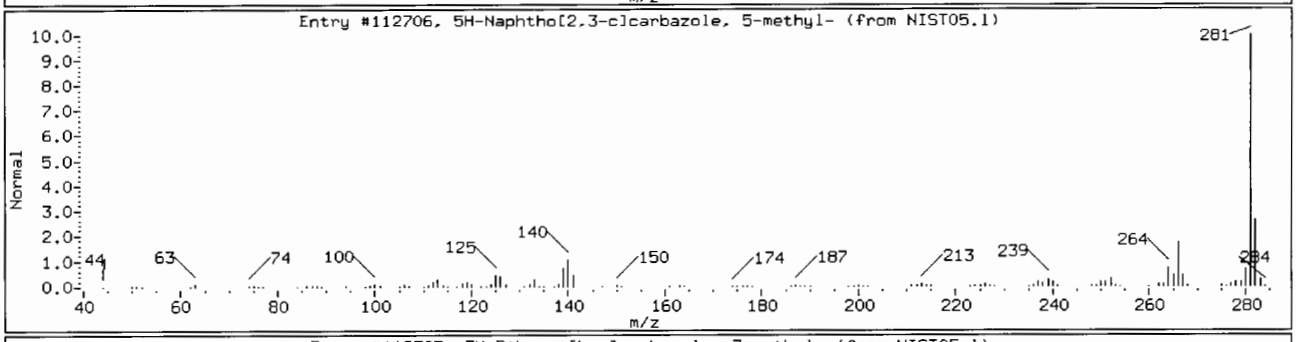
Data File: d11d19.d
Lab Sample ID: 200-22183-12 Date: 12-MAY-2014 20:37
Client ID: FB-3_050214 Instrument: D.i
Sample Info: 200-22183-C-12 Operator: JSW

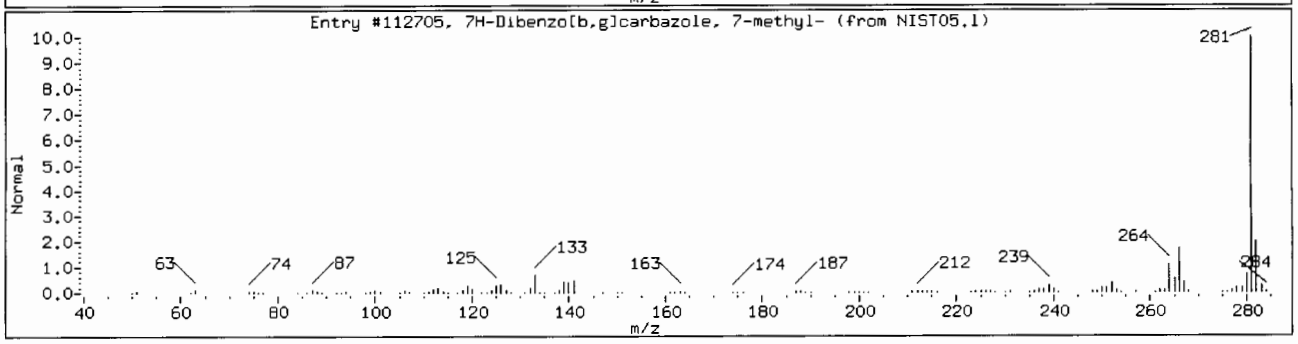
Retention Time: 11.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST05.1	122481	91	C8H24O4Si4	296
5H-Naphtho[2,3-c]carbazole, 5-meth	100025-44-3	NIST05.1	112706	59	C21H15N	281
7H-Dibenzo[b,g]carbazole, 7-methyl	3557-49-1	NIST05.1	112705	53	C21H15N	281









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington
Job No.: 200-22132-1
SDG No.: 200-22132
Client Sample ID: TB_050214
Lab Sample ID: 200-22183-13
Matrix: Water
Lab File ID: d11d20.d
Analysis Method: SOM01.2/VOA_Tr
Date Collected: 05/02/2014 11:03
Sample wt/vol: 25(mL)
Date Analyzed: 05/12/2014 21:01
Soil Aliquot Vol:
Dilution Factor: 1
Soil Extract Vol.:
GC Column: DB-624 ID: 0.2(mm)
% Moisture:
Level: (low/med) Trace
Analysis Batch No.: 72030
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.074
74-87-3	Chloromethane	0.50	U	0.50	0.062
75-01-4	Vinyl chloride	0.50	U	0.50	0.067
74-83-9	Bromomethane	0.50	U	0.50	0.069
75-00-3	Chloroethane	0.50	U	0.50	0.093
75-69-4	Trichlorofluoromethane	0.50	U	0.50	0.099
75-35-4	1,1-Dichloroethene	0.50	U	0.50	0.037
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	0.038
67-64-1	Acetone	5.0	U	5.0	0.92
75-15-0	Carbon disulfide	0.50	U	0.50	0.050
79-20-9	Methyl acetate	0.50	U	0.50	0.14
75-09-2	Methylene chloride	0.50	U	0.50	0.070
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.50	0.047
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	0.062
75-34-3	1,1-Dichloroethane	0.50	U	0.50	0.075
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	0.053
78-93-3	2-Butanone	5.0	U	5.0	0.89
74-97-5	Bromochloromethane	0.50	U	0.50	0.073
67-66-3	Chloroform	0.50	U	0.50	0.081
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	0.078
110-82-7	Cyclohexane	0.50	U	0.50	0.066
56-23-5	Carbon tetrachloride	0.50	U	0.50	0.066
71-43-2	Benzene	0.50	U	0.50	0.064
107-06-2	1,2-Dichloroethane	0.50	U	0.50	0.089
79-01-6	Trichloroethene	0.50	U	0.50	0.080
108-87-2	Methylcyclohexane	0.50	U	0.50	0.077
78-87-5	1,2-Dichloropropane	0.50	U	0.50	0.070
75-27-4	Bromodichloromethane	0.50	U	0.50	0.061
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	0.060
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.82
108-88-3	Toluene	0.50	U	0.50	0.068
10061-02-6	trans-1,3-Dichloropropene	0.50	U	0.50	0.22
79-00-5	1,1,2-Trichloroethane	0.50	U	0.50	0.087
127-18-4	Tetrachloroethene	0.50	U	0.50	0.078
591-78-6	2-Hexanone	5.0	U	5.0	0.95

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: TB_050214 | Lab Sample ID: 200-22183-13

Matrix: Water | Lab File ID: d11d20.d

Analysis Method: SOM01.2/VOA_Tr | Date Collected: 05/02/2014 11:03

Sample wt/vol: 25(mL) | Date Analyzed: 05/12/2014 21:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.2(mm)

% Moisture: | Level: (low/med) Trace

Analysis Batch No.: 72030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
124-48-1	Dibromochloromethane	0.50	U	0.50	0.067
106-93-4	1,2-Dibromoethane	0.50	U	0.50	0.058
108-90-7	Chlorobenzene	0.50	U	0.50	0.063
100-41-4	Ethylbenzene	0.50	U	0.50	0.059
95-47-6	o-Xylene	0.50	U	0.50	0.065
179601-23-1	m,p-Xylene	0.50	U	0.50	0.068
100-42-5	Styrene	0.50	U	0.50	0.061
75-25-2	Bromoform	0.50	U	0.50	0.083
98-82-8	Isopropylbenzene	0.50	U	0.50	0.058
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.091
541-73-1	1,3-Dichlorobenzene	0.50	U	0.50	0.064
106-46-7	1,4-Dichlorobenzene	0.50	U	0.50	0.059
95-50-1	1,2-Dichlorobenzene	0.50	U	0.50	0.072
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	0.50	0.16
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.066
87-61-6	1,2,3-Trichlorobenzene	0.50	U	0.50	0.091

CAS NO.	SURROGATE	%REC	Q	LIMITS
6745-35-3	Vinyl chloride-d3	112		65-131
19199-91-8	Chloroethane-d5	121		71-131
22280-73-5	1,1-Dichloroethene-d2	90		55-104
24313-50-6	2-Butanone-d5	109		49-155
865-49-6	Chloroform-d	109		78-121
17060-07-0	1,2-Dichloroethane-d4	130	X	78-129
1076-43-3	Benzene-d6	104		77-124
93952-08-0	1,2-Dichloropropane-d6	90		79-124
2037-26-5	Toluene-d8	103		77-121
93951-86-1	trans-1,3-Dichloropropene-d4	99		73-121
4840-82-8	2-Hexanone-d5	103		28-135
33685-54-0	1,1,2,2-Tetrachloroethane-d2	98		73-125
2199-69-1	1,2-Dichlorobenzene-d4	98		80-131

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington | Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: TB_050214 | Lab Sample ID: 200-22183-13

Matrix: Water | Lab File ID: dlld20.d

Analysis Method: SOM01.2/VOA_Tr | Date Collected: 05/02/2014 11:03

Sample wt/vol: 25(mL) | Date Analyzed: 05/12/2014 21:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.2(mm)

% Moisture: | Level: (low/med) Trace

Analysis Batch No.: 72030 | Units: ug/L

Number TICs Found: 2 | TIC Result Total: 3.68

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	7.43	3.0	J B
556-67-2	Cyclotetrasiloxane, octamethyl-	11.17	0.68	J N

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Burlington Job No.: 200-22132-1

SDG No.: 200-22132

Client Sample ID: TB_050214 Lab Sample ID: 200-22183-13

Matrix: Water Lab File ID: dlld20.d

Analysis Method: SOM01.2/VOA_Tr Date Collected: 05/02/2014 11:03

Sample wt/vol: 25(mL) Date Analyzed: 05/12/2014 21:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.2(mm)

% Moisture: Level: (low/med) Trace

Analysis Batch No.: 72030 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Total Alkanes			

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-13
Client Smp ID: TB_050214
Inj Date : 12-MAY-2014 21:01
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-B-13
Misc Info : 1,5
Comment :
Method : /chem/D.i/Dsvr.p/dlldsmtr.b/somtr5t.m
Meth Date : 13-May-2014 11:31 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dl107.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	1 Dichlorodifluoromethane	85	Compound Not Detected.					
	2 Chloromethane	50	Compound Not Detected.					
$	3 Vinyl chloride-d3	65	1.777	1.771	(0.291)	82409	140.440	5.6
	4 Vinyl chloride	62	Compound Not Detected.					
	5 Bromomethane	94	Compound Not Detected.					
$	6 Chloroethane-d5	69	2.137	2.131	(0.350)	67192	151.264	6.1
	7 Chloroethane	64	Compound Not Detected.					
	8 Trichlorofluoromethane	101	Compound Not Detected.					
$	9 1,1-Dichloroethene-d2	63	2.844	2.838	(0.466)	134934	111.965	4.5(Q)
	10 1,1-Dichloroethene	96	Compound Not Detected.					
	11 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	12 Acetone	43	Compound Not Detected.					
	13 Carbon disulfide	76	Compound Not Detected.					
	14 Methyl acetate	43	Compound Not Detected.					
	15 Methylene chloride	84	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	16 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	17 Methyl tert-butyl ether	73	Compound Not Detected.					
	18 1,1-Dichloroethane	63	Compound Not Detected.					
$	19 2-Butanone-d5	46	4.679	4.703	(0.766)	90762	1363.74	55
	20 cis-1,2-Dichloroethene	96	Compound Not Detected.					
	21 2-Butanone	43	Compound Not Detected.					
	22 Bromochloromethane	128	Compound Not Detected.					
$	23 Chloroform-d	84	5.032	5.026	(0.824)	138301	136.118	5.4
	24 Chloroform	83	Compound Not Detected.					
	25 1,1,1-Trichloroethane	97	Compound Not Detected.					
	26 Cyclohexane	56	Compound Not Detected.					
	27 Carbon tetrachloride	117	Compound Not Detected.					
$	28 1,2-Dichloroethane-d4	65	5.612	5.612	(0.919)	58173	161.879	6.5(R)
$	29 Benzene-d6	84	5.630	5.630	(0.594)	310221	129.929	5.2
	30 Benzene	78	Compound Not Detected.					
	31 1,2-Dichloroethane	62	Compound Not Detected.					
*	32 1,4-Difluorobenzene	114	6.105	6.099	(1.000)	254733	125.000	
	33 Trichloroethene	95	Compound Not Detected.					
$	34 1,2-Dichloropropane-d6	67	6.550	6.550	(0.691)	75021	112.240	4.5
	35 Methylcyclohexane	55	Compound Not Detected.					
	36 1,2-Dichloropropane	63	Compound Not Detected.					
	37 Bromodichloromethane	83	Compound Not Detected.					
	38 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	39 4-Methyl-2-pentanone	43	Compound Not Detected.					
$	40 Toluene-d8	98	7.782	7.782	(0.821)	303103	128.211	5.1
	41 Toluene	91	Compound Not Detected.					
$	42 trans-1,3-Dichloropropene-d4	79	8.087	8.087	(0.853)	60190	123.204	4.9
	43 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	44 1,1,2-Trichloroethane	97	Compound Not Detected.					
	45 Tetrachloroethene	163	Compound Not Detected.					
$	46 2-Hexanone-d5	63	8.599	8.599	(0.907)	71445	1287.61	52(Q)
	47 2-Hexanone	43	Compound Not Detected.					
	48 Dibromochloromethane	129	Compound Not Detected.					
	49 1,2-Dibromoethane	107	Compound Not Detected.					
*	50 Chlorobenzene-d5	117	9.477	9.477	(1.000)	204346	125.000	
	51 Chlorobenzene	112	Compound Not Detected.					
	52 Ethylbenzene	91	Compound Not Detected.					
	53 m,p-Xylene	106	Compound Not Detected.					
	55 o-Xylene	106	Compound Not Detected.					
	54 Styrene	104	Compound Not Detected.					
	56 Bromoform	172	Compound Not Detected.					
	57 Isopropylbenzene	105	Compound Not Detected.					
$	58 1,1,2,2-Tetrachloroethane-d2	84	11.056	11.050	(1.167)	28245	122.734	4.9
	59 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	60 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	61 1,4-Dichlorobenzene-d4	152	12.293	12.293	(1.000)	97489	125.000	
	62 1,4-Dichlorobenzene	146	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$ 63 1,2-Dichlorobenzene-d4	152	12.720	12.720	(1.035)	85118	121.966	4.9
64 1,2-Dichlorobenzene	146	Compound Not Detected.					
65 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.					
66 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
67 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

TestAmerica Burlington

LOW CONCENTRATION VOLATILE QUANTITATION REPORT

Lab Sample Id: 200-22183-13
Client Smp ID: TB_050214
Inj Date : 12-MAY-2014 21:01
Operator : JSW Inst ID: D.i
Smp Info : 200-22183-B-13
Misc Info : 1,5
Comment :
Method : /chem/D.i/Dsvr.p/dlldsmtr.b/somtr5t.m
Meth Date : 13-May-2014 11:31 wilburj Quant Type: ISTD
Cal Date : 08-MAY-2014 10:19 Cal File: dll07.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SOMTrace.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	25.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

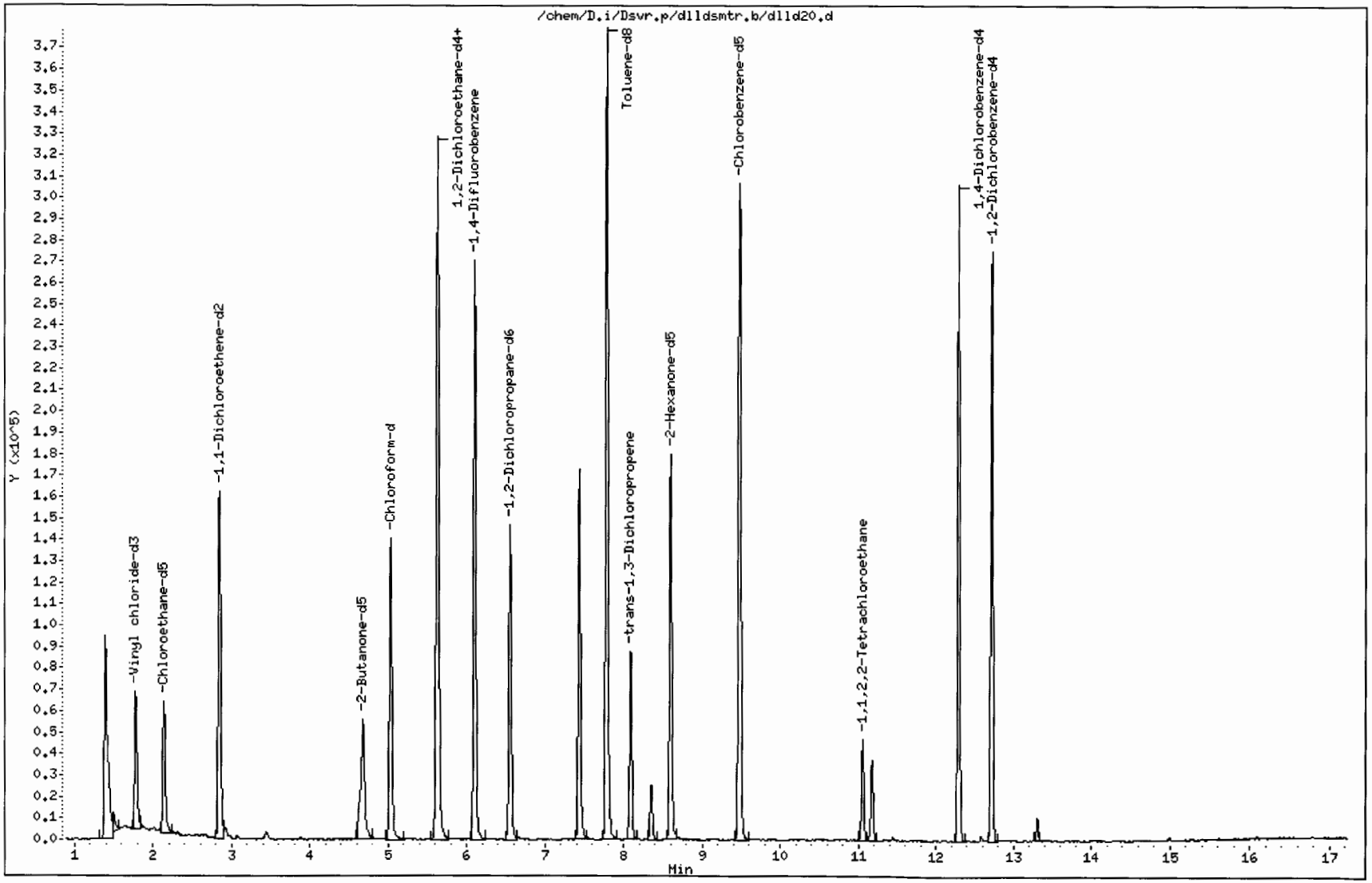
ISTD	RT	AREA	AMOUNT
* 32 1,4-Difluorobenzene	6.105	595661	125.000
* 61 1,4-Dichlorobenzene-d4	12.293	586436	125.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
7.434	363291	76.2369586	3.0	0		0	32
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
11.171	79591	16.9650108	0.68	87	NIST05.1	122480	61

Data File: /chem/D.i/Dsvr.p/dlldsmtr.b/dlld20.d
Date : 12-MAY-2014 21:01
Client ID: TB_050214
Sample Info: 200-22183-B-13
Purge Volume: 25.0
Column phase: DB-624

Instrument: D.i

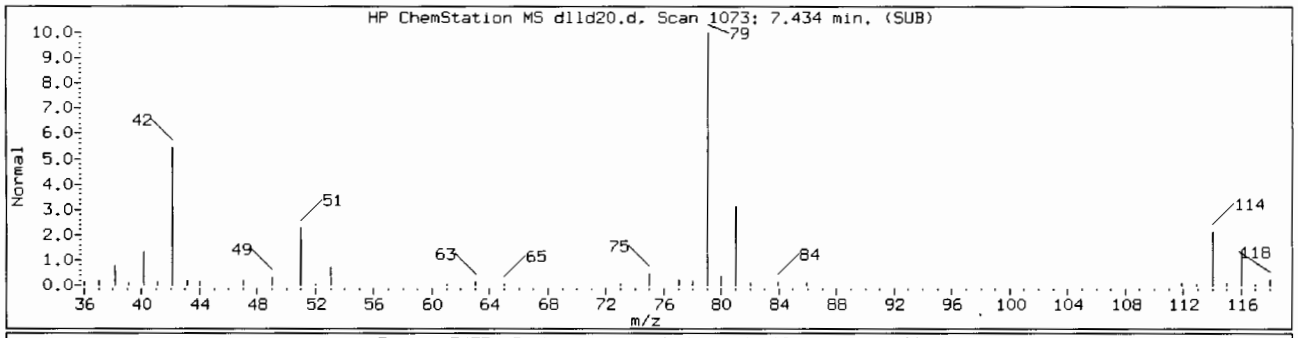
Operator: JSW
Column diameter: 0.20

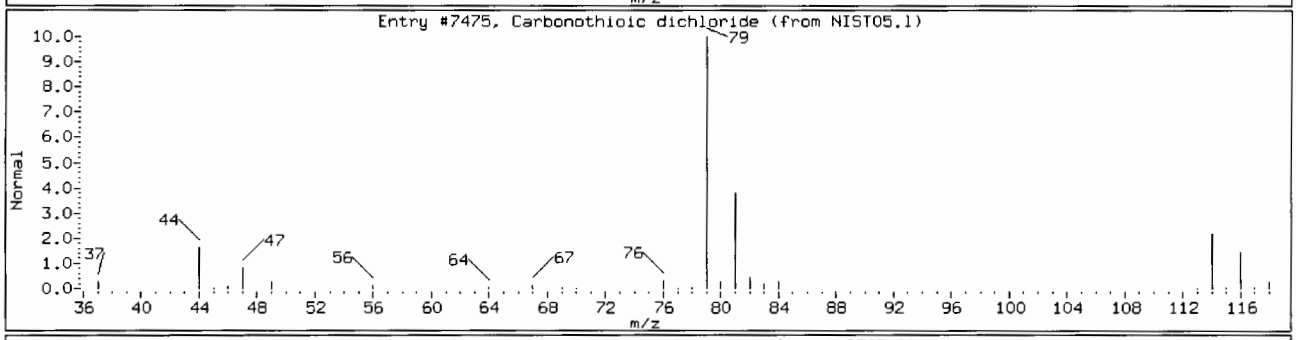


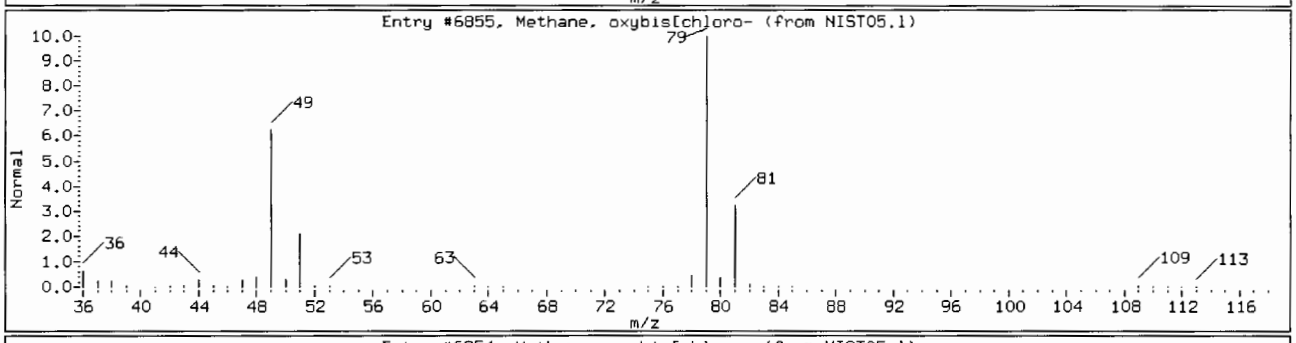
Data File: d11d20.d
Lab Sample ID: 200-22183-13 Date: 12-MAY-2014 21:01
Client ID: TB_050214 Instrument: D.i
Sample Info: 200-22183-B-13 Operator: JSW

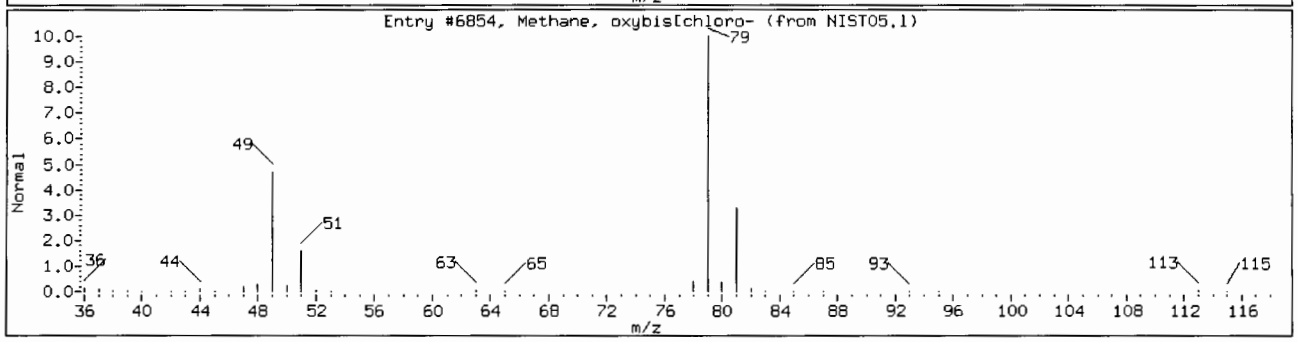
Retention Time: 7.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Carbonothioic dichloride	463-71-8	NIST05.1	7475	50	CCl2S	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6855	25	C2H4Cl2O	114
Methane, oxybis[chloro-	542-88-1	NIST05.1	6854	23	C2H4Cl2O	114

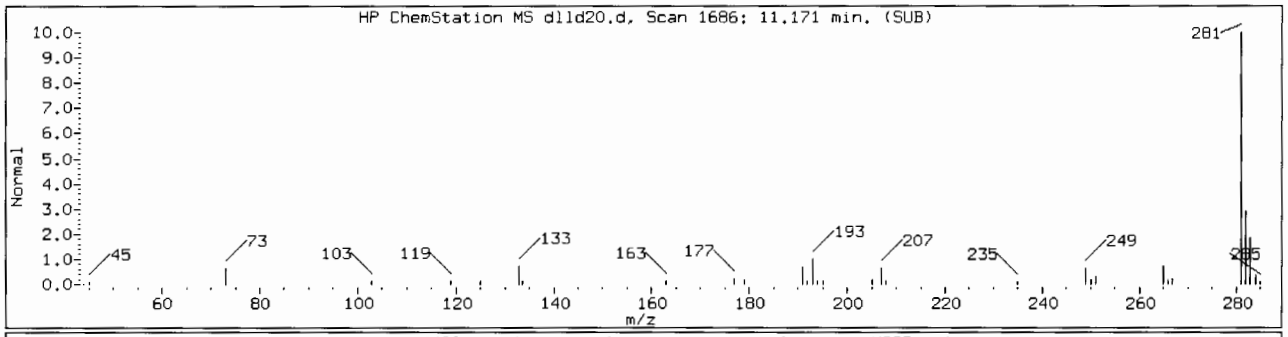
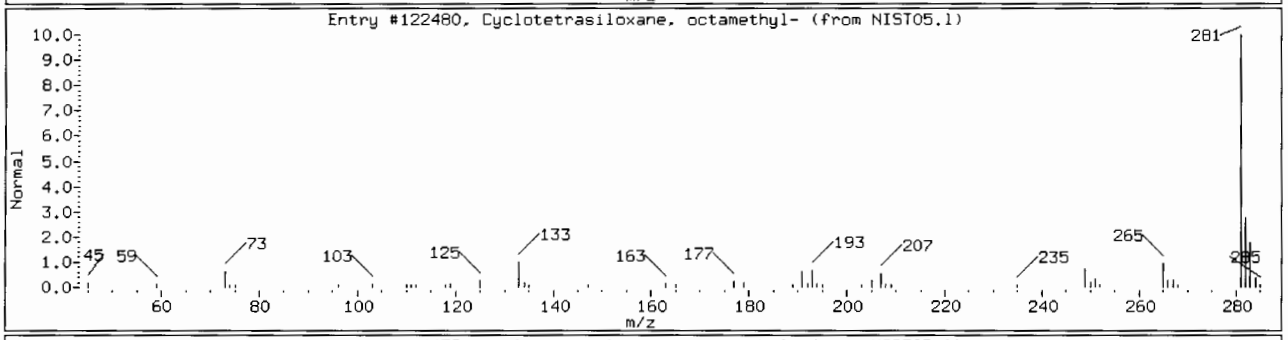
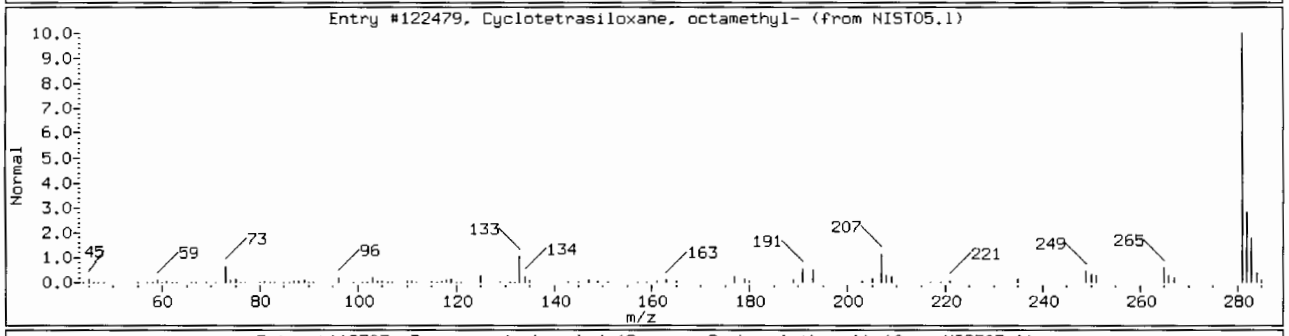
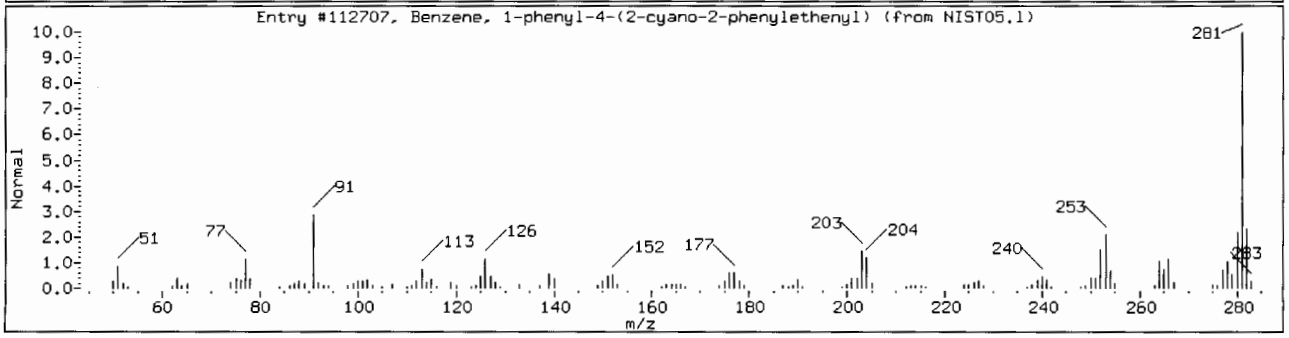








Data File: dlld20.d
Lab Sample ID: 200-22183-13 Date: 12-MAY-2014 21:01
Client ID: TB_050214 Instrument: D.i
Sample Info: 200-22183-B-13 Operator: JSW

Retention Time: 11.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST05.1	122480	87	C8H24O4Si4	296
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST05.1	122479	86	C8H24O4Si4	296
Benzene, 1-phenyl-4-(2-cyano-2-phe	27869-56-3	NIST05.1	112707	59	C21H15N	281