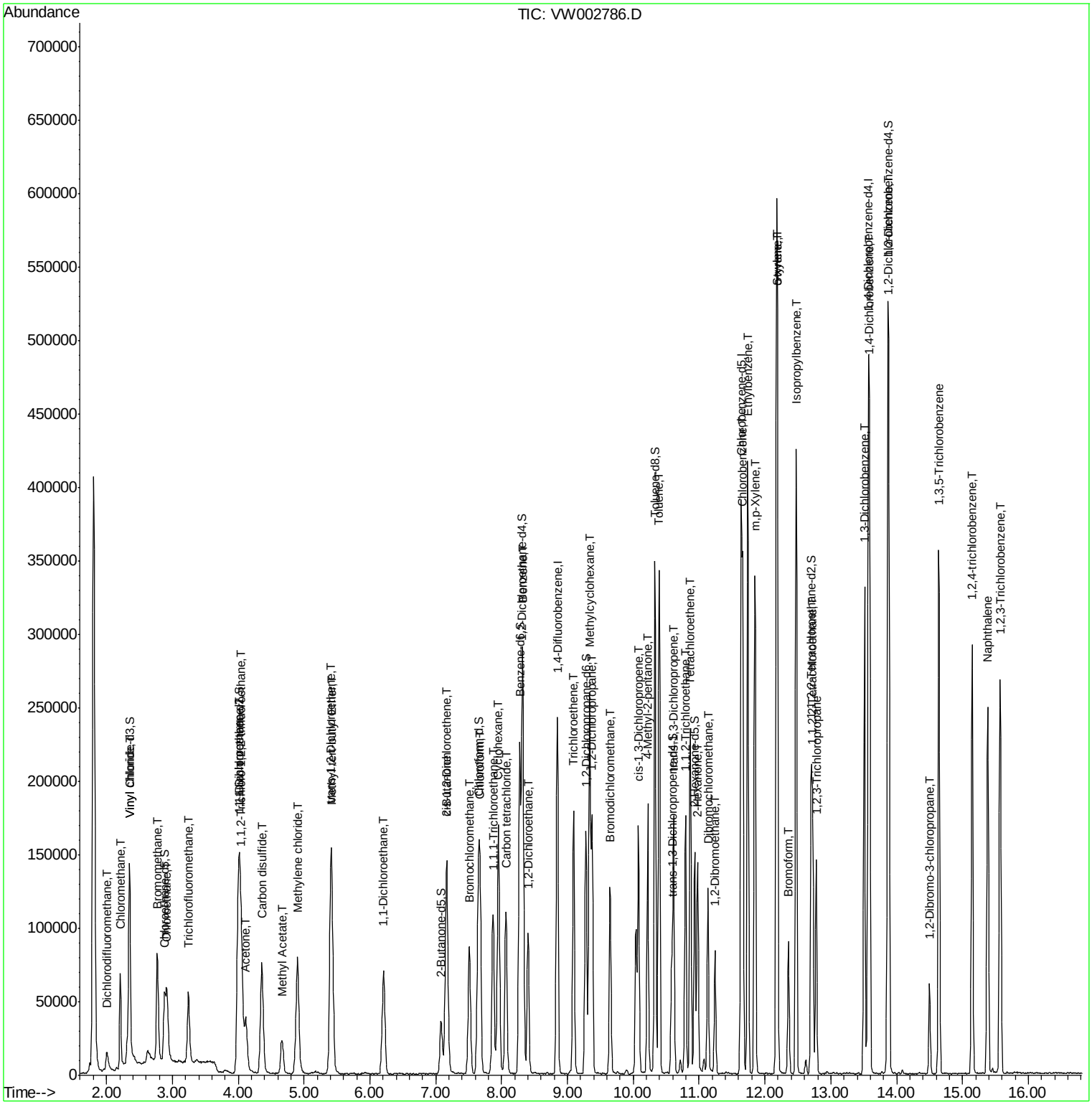
Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\Data\VW052218\
Data File : VW002786.D
Acq On : 22 May 2018 12:28
Operator : JC/SY
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

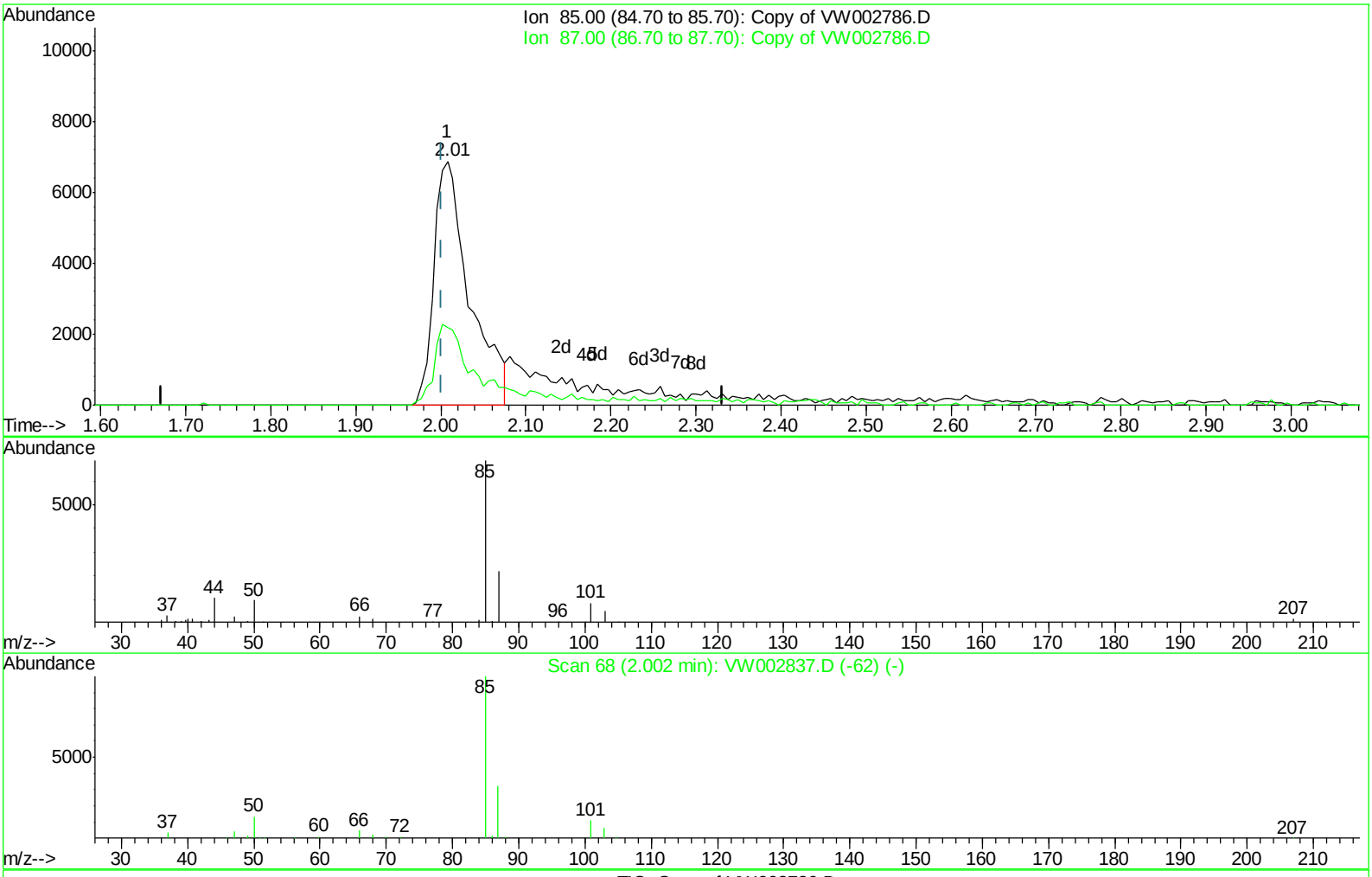
Quant Time: May 22 12:48:17 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 12:32:39 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : W:\HPCHEM1\MSVOA_W\Data\VW052218\
Data File : Copy of VW002786.D
Acq On : 22 May 2018 12:28
Operator : JC/SY
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 30 19:25:04 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Fri May 25 07:55:38 2018
Response via : Initial Calibration



TIC: Copy of VW002786.D

(2) Dichlorodifluoromethane (T)

2.008min (+0.006) 16.57ug/L

response 20056

Ion	Exp%	Act%
85.00	100	100
87.00	29.00	29.38
0.00	0.00	0.00
0.00	0.00	0.00

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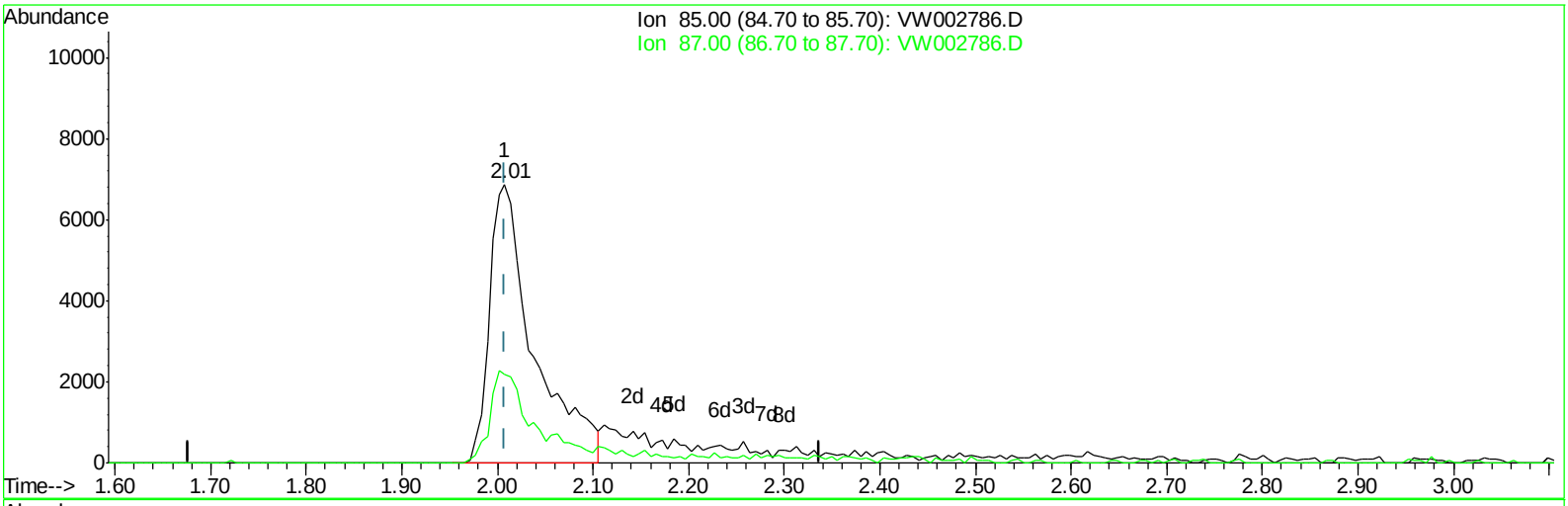

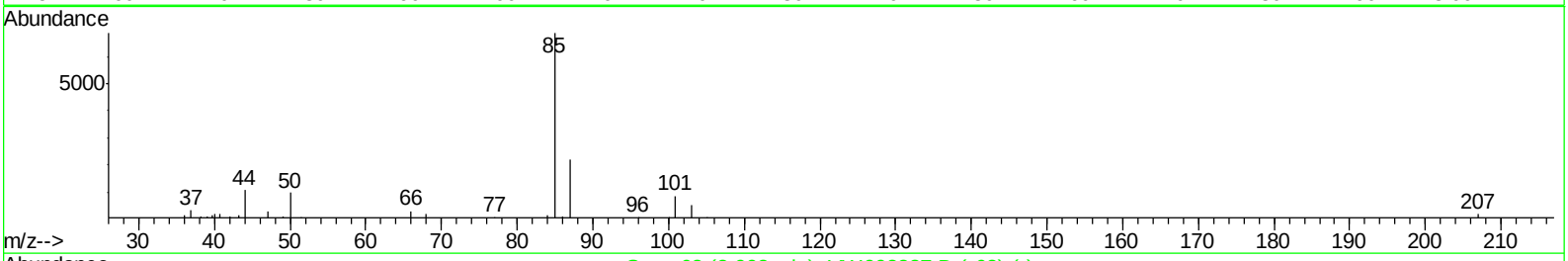

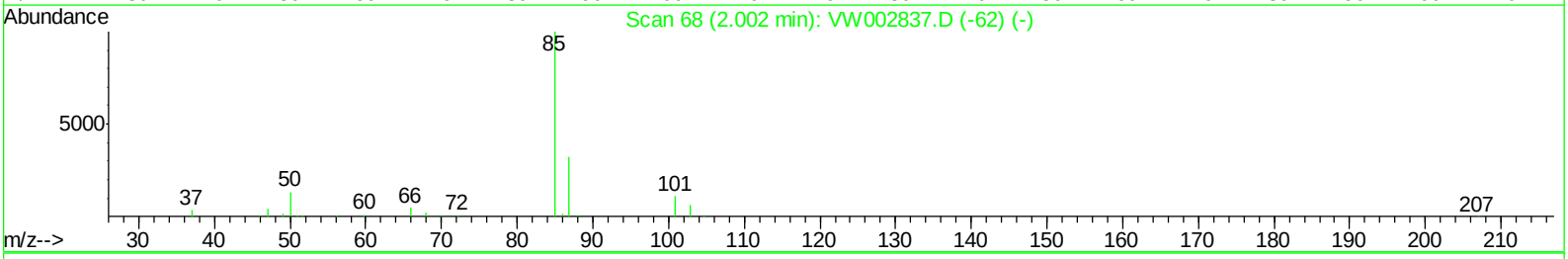

TIC: VW002786.D

(2) Dichlorodifluoromethane (T)

2.008min (+0.000) 18.18ug/L m

response 22008

Ion	Exp%	Act%
85.00	100	100
87.00	29.00	26.78
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 22 May 2018 12:28
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Quant Time: May 22 12:48:17 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 12:32:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	202807	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	195423	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	103764	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	64660	24.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.44%			
7) Chloroethane-d5	2.88	69	56443	24.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.04%			
10) 1,1-Dichloroethene-d2	4.00	63	108182	23.74	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.96%			
20) 2-Butanone-d5	7.08	46	60276	56.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.62%			
24) Chloroform-d	7.65	84	124003	25.51	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.04%			
26) 1,2-Dichloroethane-d4	8.31	65	78324	26.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.72%			
29) Benzene-d6	8.27	84	226213	24.34	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.36%			
33) 1,2-Dichloropropane-d6	9.28	67	74904	24.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.76%			
37) Toluene-d8	10.33	98	226058	24.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.60%			
38) trans-1,3-Dichloropropene-	10.59	79	37295	25.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.84%			
39) 2-Hexanone-d5	10.93	63	47830	56.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.24%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	87017	26.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.72%			
61) 1,2-Dichlorobenzene-d4	13.87	152	96715	25.36	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	22008m	18.185	ug/L	
3) Chloromethane	2.20	50	54586	26.077	ug/L	99
5) Vinyl chloride	2.35	62	82243	23.103	ug/L	96
6) Bromomethane	2.77	94	56314	23.101	ug/L	99
8) Chloroethane	2.92	64	50261	22.183	ug/L	99
9) Trichlorofluoromethane	3.25	101	46513	30.190	ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	4.04	101	54270	22.003	ug/L #	68
12) 1,1-Dichloroethene	4.03	96	50867	20.917	ug/L #	80
13) Acetone	4.12	43	49691	52.945	ug/L	98
14) Carbon disulfide	4.36	76	166085	22.168	ug/L	100
15) Methyl Acetate	4.67	43	42550	24.897	ug/L #	78
16) Methylene chloride	4.90	84	59646	22.755	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	117730	26.249	ug/L	100
18) trans-1,2-Dichloroethene	5.41	96	55079	21.636	ug/L	98
19) 1,1-Dichloroethane	6.21	63	100127	22.421	ug/L	98
21) 2-Butanone	7.17	43	59813	48.151	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	61735	22.152	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	31198	22.980 ug/L	99
25) Chloroform	7.67	83	109703	22.728 ug/L	98
27) 1,2-Dichloroethane	8.40	62	84801	24.113 ug/L	99
30) Cyclohexane	7.95	56	86867	21.011 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	86568	22.896 ug/L	99
32) Carbon tetrachloride	8.07	117	80703	21.309 ug/L	98
34) Benzene	8.32	78	228332	21.534 ug/L	100
35) Trichloroethene	9.09	95	61536	21.233 ug/L	99
36) Methylcyclohexane	9.34	83	98949	20.669 ug/L	98
40) 1,2-Dichloropropane	9.37	63	61521	22.383 ug/L	99
41) Bromodichloromethane	9.65	83	80128	22.357 ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	93927	22.211 ug/L	97
43) 4-Methyl-2-pentanone	10.22	43	117732	47.582 ug/L	99
44) Toluene	10.39	91	249992	21.625 ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	88549	22.973 ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	52919	23.243 ug/L	97
47) Tetrachloroethene	10.87	164	52917	21.107 ug/L	98
49) 2-Hexanone	10.98	43	89360	48.924 ug/L	97
50) Dibromochloromethane	11.13	129	62358	22.687 ug/L	99
51) 1,2-Dibromoethane	11.24	107	54670	23.631 ug/L #	98
52) Chlorobenzene	11.66	112	166335	21.708 ug/L	99
53) Ethylbenzene	11.74	91	279994	21.556 ug/L	98
54) m,p-Xylene	11.85	106	106705	21.579 ug/L	99
55) o-xylene	12.18	106	101567	21.615 ug/L	100
56) Styrene	12.19	104	181515	22.052 ug/L	98
57) Isopropylbenzene	12.48	105	268748	20.951 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.73	83	75437	23.518 ug/L	97
59) 1,2,3-Trichloropropane	12.78	75	56570	23.439 ug/L	100
62) Bromoform	12.36	173	42399	23.298 ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	135032	21.833 ug/L	98
64) 1,4-Dichlorobenzene	13.59	146	144221	22.242 ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	136572	22.732 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.50	75	13987	23.677 ug/L	99
67) 1,3,5-Trichlorobenzene	14.64	180	111326	22.360 ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	95556	22.829 ug/L	99
69) Naphthalene	15.38	128	206840	24.420 ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	92849	23.624 ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed