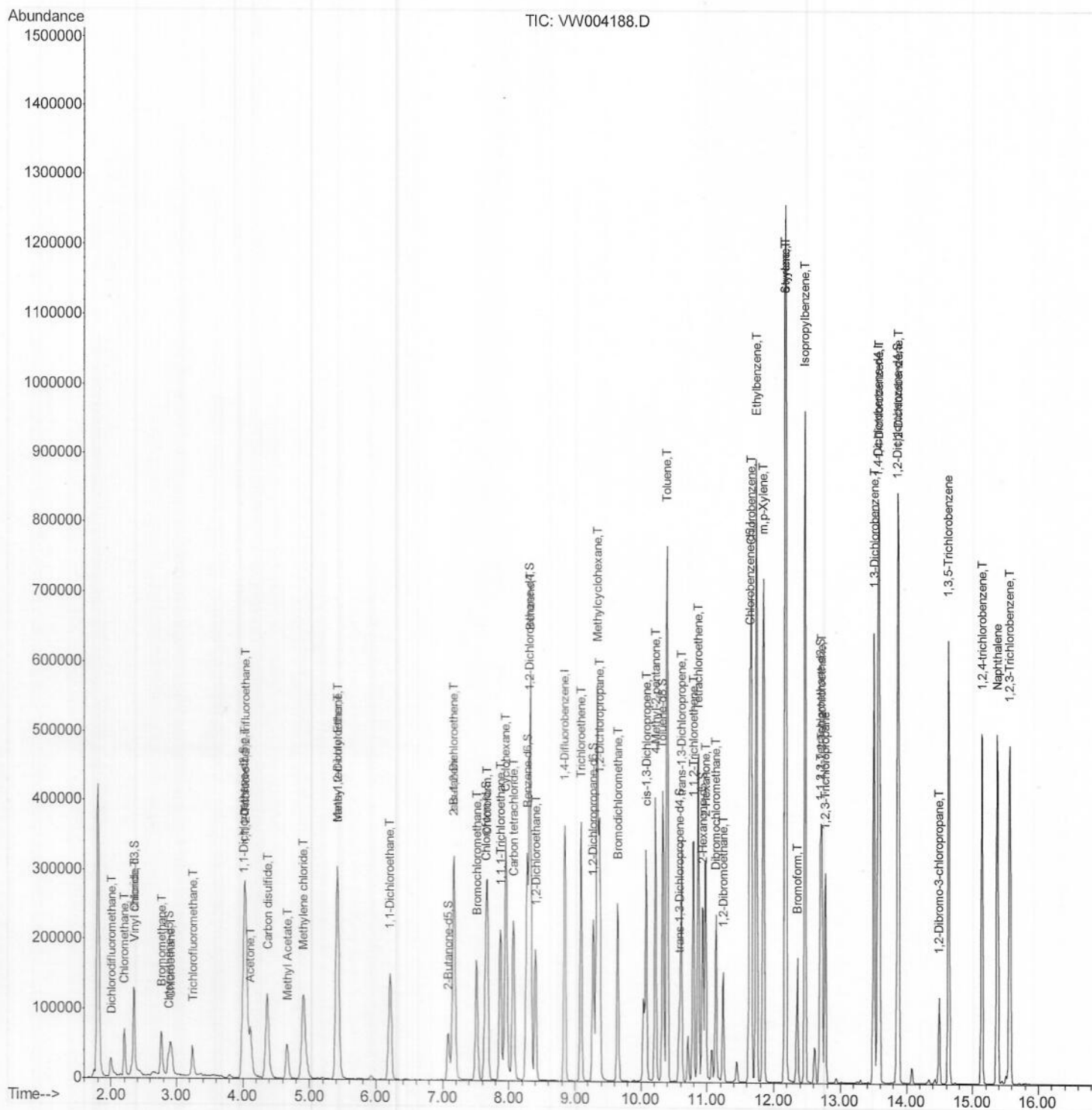


Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072418\
Data File : VW004188.D
Acq On : 24 Jul 2018 20:40
Operator : SY/AP
Sample : J4065-13
Misc : 5.59G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 25 01:27:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 25 00:28:45 2018
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072418\

Data File : VW004188.D

Acq On : 24 Jul 2018 20:40

Operator : SY/AP

Sample : J4065-13

Misc : 5.59G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

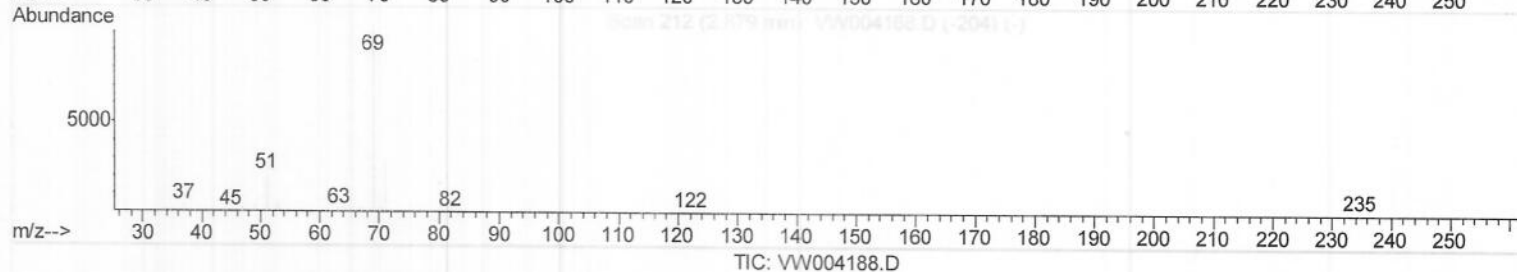
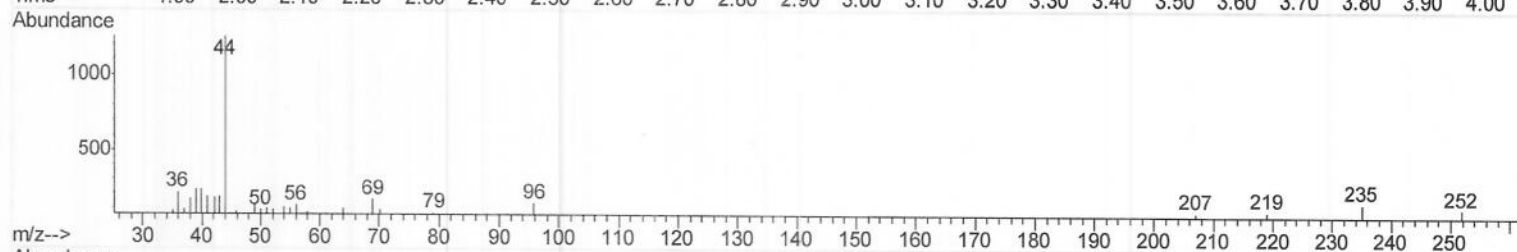
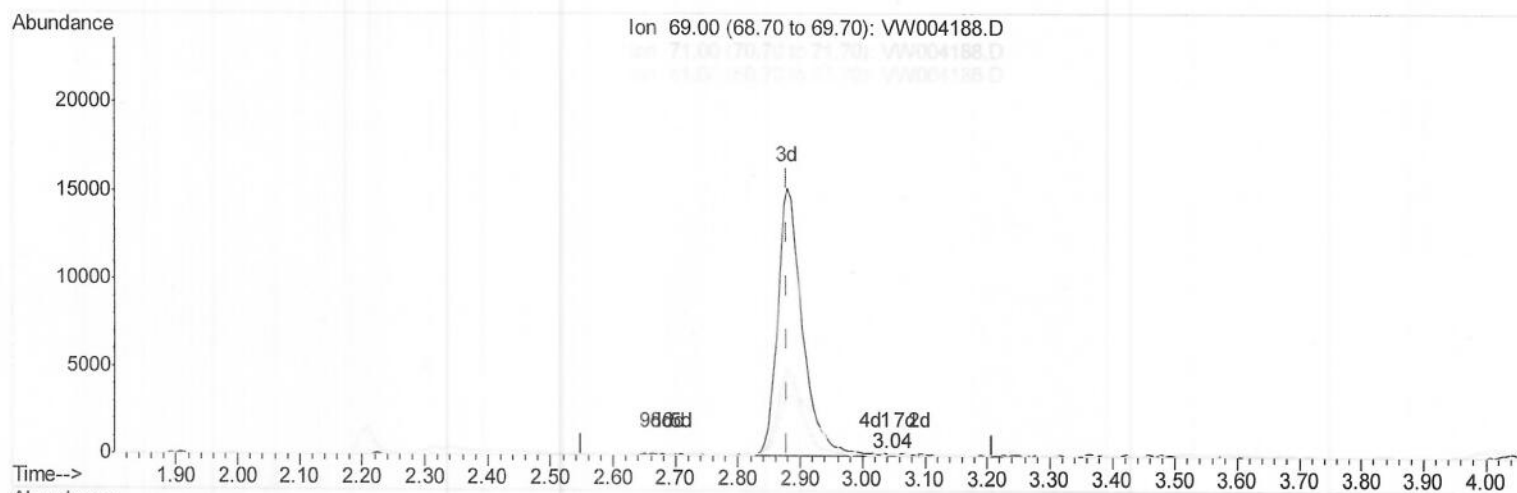
Quant Time: Jul 25 01:23:35 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M

Quant Title : VOC Analysis

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(7) Chloroethane-d5 (S)

3.038min (+0.159) 0.08ug/L

response 161

Ion	Exp%	Act%
69.00	100	100
71.00	32.30	31.68
51.00	32.50	37.27
0.00	0.00	0.00

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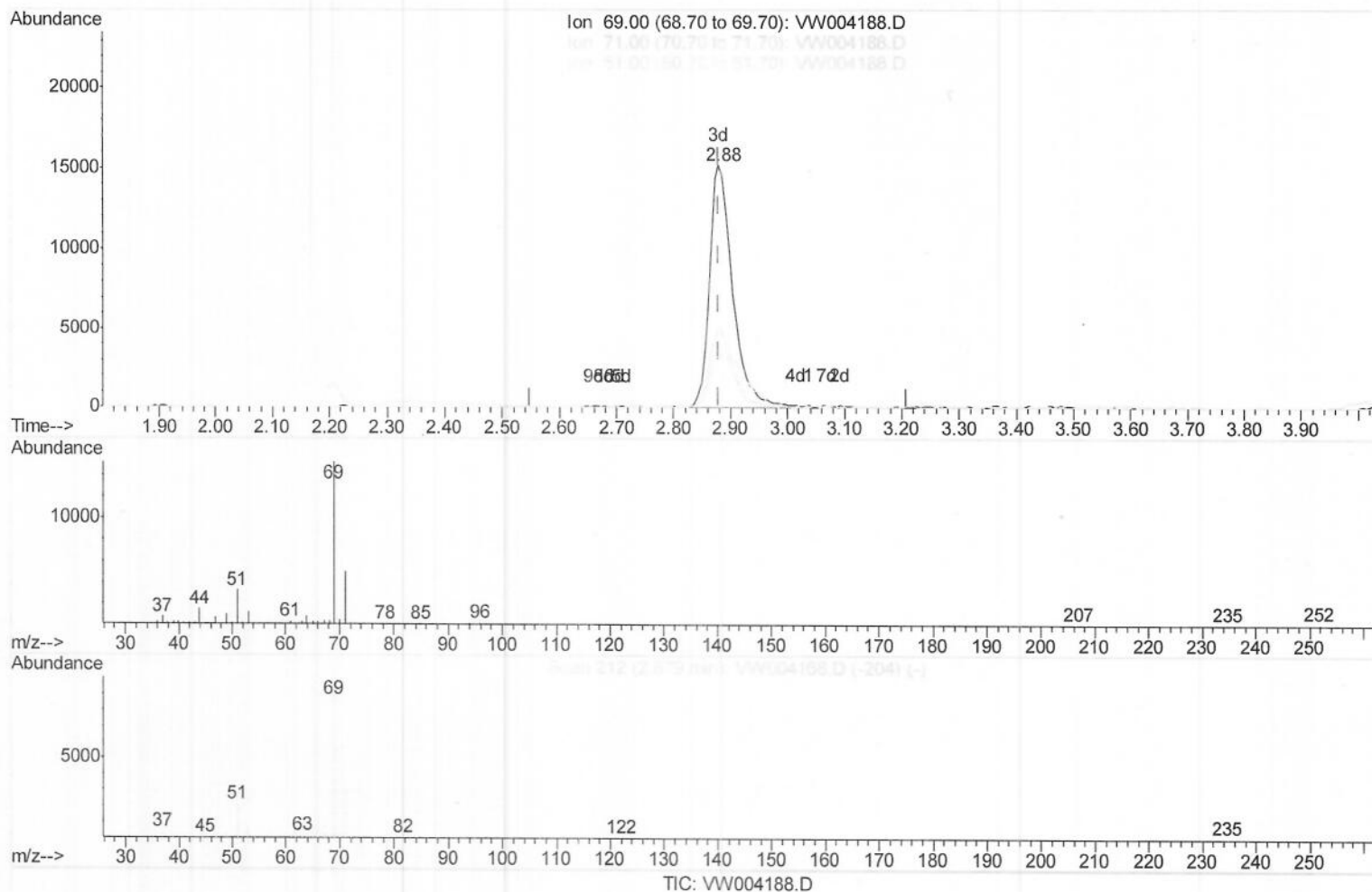
Quant Time: Jul 25 01:23:35 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M

Quant Title : VOC Analysis

QLast Update : Wed Jul 25 00:28:45 2018

Response via : Initial Calibration



(7) Chloroethane-d5 (S)

2.880min (+0.000) 20.08ug/L m > MD08/01/18

response 43001

Ion	Exp%	Act%
69.00	100	100
71.00	32.30	0.12#
51.00	32.50	0.14#
0.00	0.00	0.00

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Quant Title : VOC Analysis

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	300358	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	287906	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	148322	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	48547	16.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.36%
7) Chloroethane-d5	2.88	69	43001m	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.32%
10) 1,1-Dichloroethene-d2	4.01	63	156007	21.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.56%
20) 2-Butanone-d5	7.09	46	111267	63.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.74%
24) Chloroform-d	7.65	84	180994	25.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.56%
26) 1,2-Dichloroethane-d4	8.31	65	108183	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.80%
29) Benzene-d6	8.27	84	312408	23.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.60%
33) 1,2-Dichloropropane-d6	9.27	67	111239	24.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.88%
37) Toluene-d8	10.32	98	280106	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.36%
38) trans-1,3-Dichloropropene-	10.58	79	47277	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.60%
39) 2-Hexanone-d5	10.93	63	81263	67.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.56%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144534	29.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	118339	24.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.24%

) MP08/01/18

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	44643	23.214	ug/L	# 88
3) Chloromethane	2.20	50	69923	22.744	ug/L	97
5) Vinyl chloride	2.36	62	97428	21.046	ug/L	99
6) Bromomethane	2.77	94	54451	22.156	ug/L	99
8) Chloroethane	2.92	64	55710	22.955	ug/L	99
9) Trichlorofluoromethane	3.25	101	42828	18.568	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.04	101	112410	27.407	ug/L	98
12) 1,1-Dichloroethene	4.03	96	105308	26.339	ug/L	94
13) Acetone	4.12	43	90577	47.821	ug/L	100
14) Carbon disulfide	4.37	76	317206	24.524	ug/L	99
15) Methyl Acetate	4.67	43	98249	30.406	ug/L	100
16) Methylene chloride	4.91	84	120284	20.875	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	210797	27.261	ug/L	99
18) trans-1,2-Dichloroethene	5.41	96	112201	27.258	ug/L	94
19) 1,1-Dichloroethane	6.21	63	224252	28.636	ug/L	97
21) 2-Butanone	7.18	43	138732	59.032	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	126698	28.797	ug/L	98

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Quant Title : VOC Analysis

QLast Update : Wed Jul 25 00:28:45 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	59276	28.654	ug/L	97
25) Chloroform	7.68	83	229401	28.686	ug/L	99
27) 1,2-Dichloroethane	8.40	62	169149	28.699	ug/L	97
30) Cyclohexane	7.95	56	192262	27.381	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	172491	26.343	ug/L	99
32) Carbon tetrachloride	8.07	117	172242	27.265	ug/L	100
34) Benzene	8.32	78	506636	28.708	ug/L	100
35) Trichloroethene	9.09	95	127817	27.069	ug/L	98
36) Methylcyclohexane	9.34	83	219483	28.123	ug/L	100
40) 1,2-Dichloropropane	9.37	63	137996	28.844	ug/L	100
41) Bromodichloromethane	9.65	83	169339	28.748	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	190280	28.226	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	269419	64.059	ug/L	99
44) Toluene	10.39	91	545935	29.522	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	179870	28.928	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	109691	29.501	ug/L	98
47) Tetrachloroethene	10.87	164	105923	27.814	ug/L	96
49) 2-Hexanone	10.98	43	209213	64.253	ug/L	100
50) Dibromochloromethane	11.13	129	124350	29.854	ug/L	99
51) 1,2-Dibromoethane	11.24	107	105865	29.152	ug/L	98
52) Chlorobenzene	11.66	112	340258	28.697	ug/L	99
53) Ethylbenzene	11.74	91	602065	30.076	ug/L	99
54) m,p-Xylene	11.85	106	228475	30.968	ug/L	98
55) o-xylene	12.17	106	211464	29.966	ug/L	98
56) Styrene	12.18	104	382951	31.413	ug/L	98
57) Isopropylbenzene	12.47	105	585057	30.239	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	159166	29.948	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	121509	29.535	ug/L	97
62) Bromoform	12.35	173	81664	29.175	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	257565	28.195	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	275008	28.076	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	257405	28.914	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	31135	29.998	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	200922	27.814	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	162864	28.114	ug/L	98
69) Naphthalene	15.38	128	410600	31.480	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	164771	29.894	ug/L	99

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