

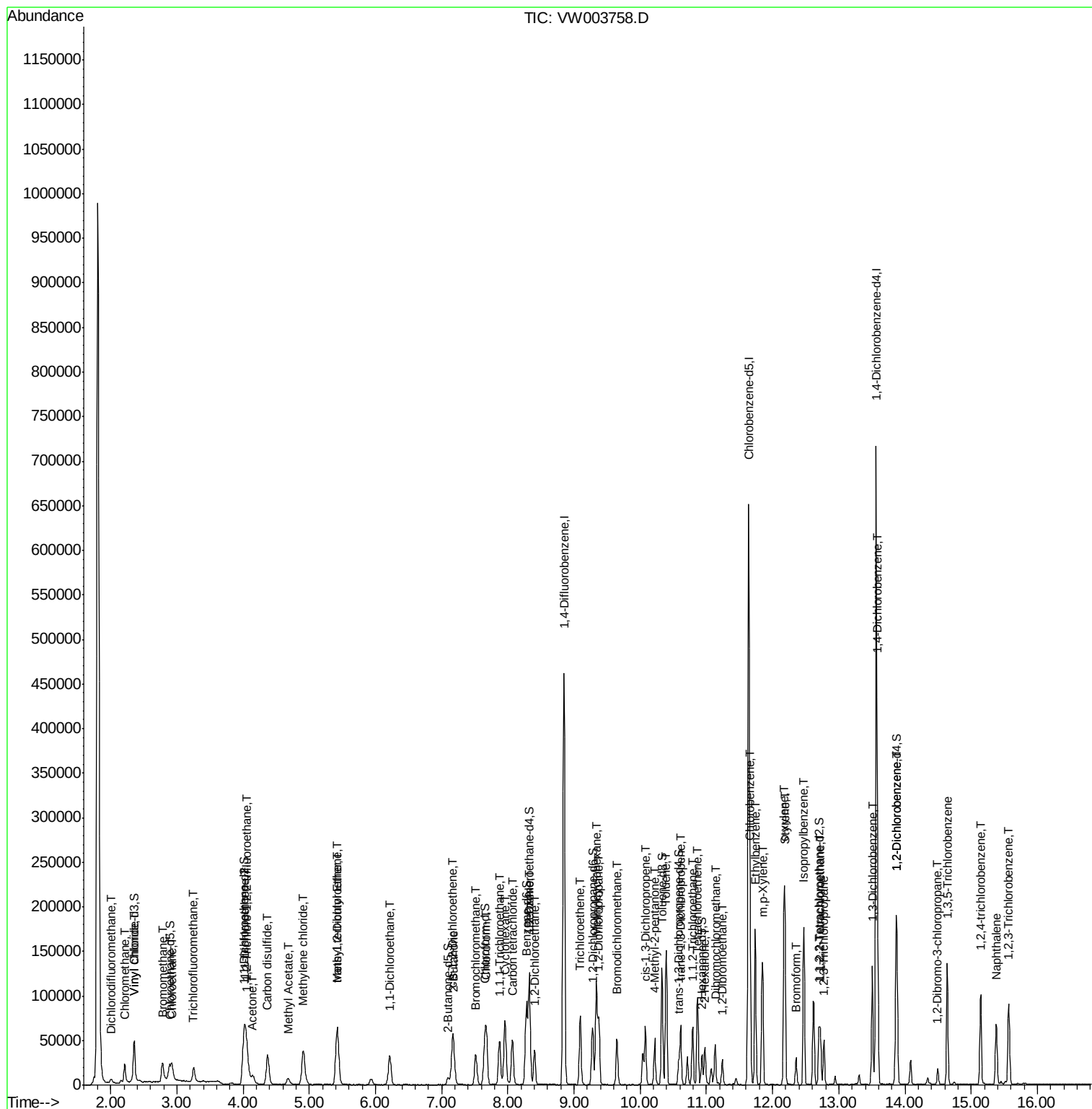
Data File : VW003758.D
Acq On : 07 Jul 2018 09:53
Operator : SY/AP
Sample : VSTD00588
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD00588

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:57:18 PM

Quant Time: Jul 09 09:25:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070818S.M
Quant Title : VOC Analysis
QLast Update : Mon Jul 09 04:17:35 2018
Response via : Initial Calibration



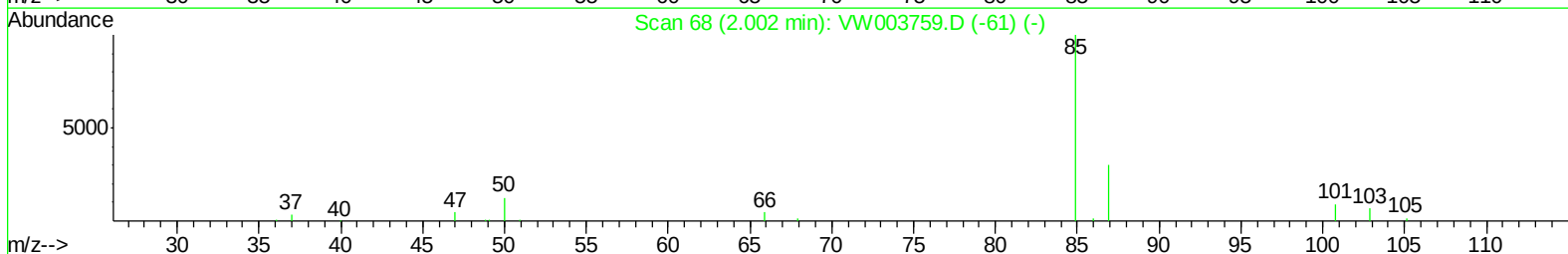
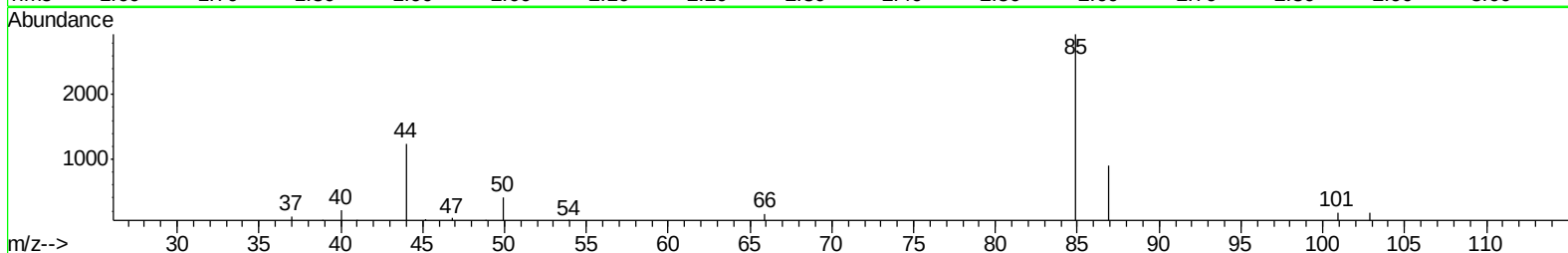
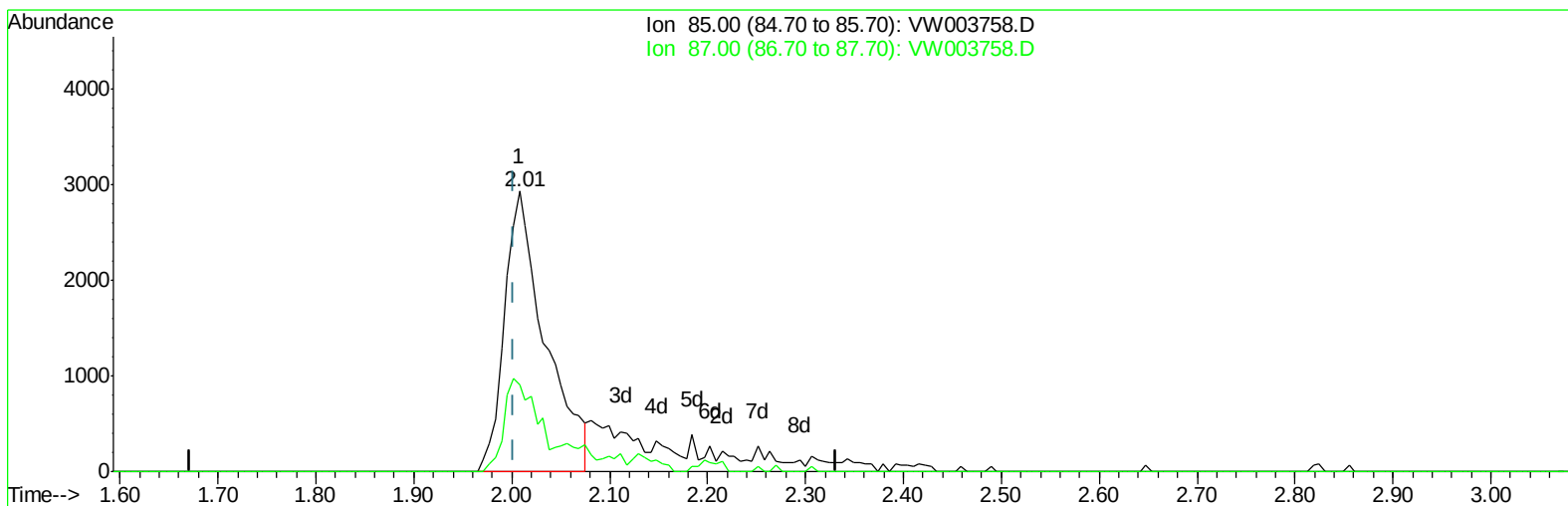
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070818\
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Quant Time: Jul 09 04:18:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070818S.M
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TIC: VW003758.D

(2) Dichlorodifluoromethane (T)

2.008min (+0.006) 2.69ug/L

response 8456

Ion	Exp%	Act%
85.00	100	100
87.00	23.40	26.22
0.00	0.00	0.00
0.00	0.00	0.00

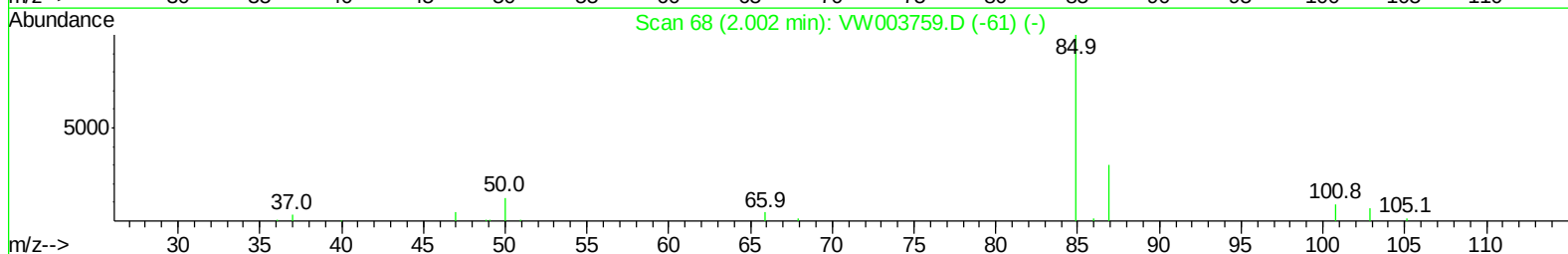
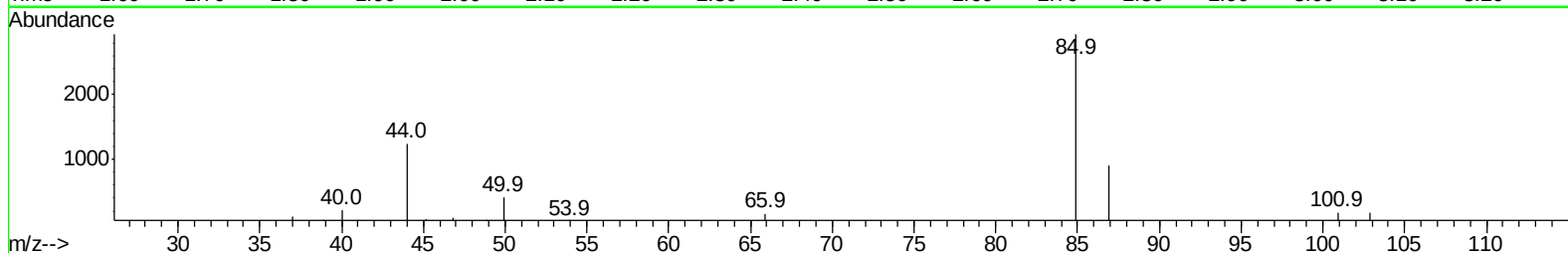
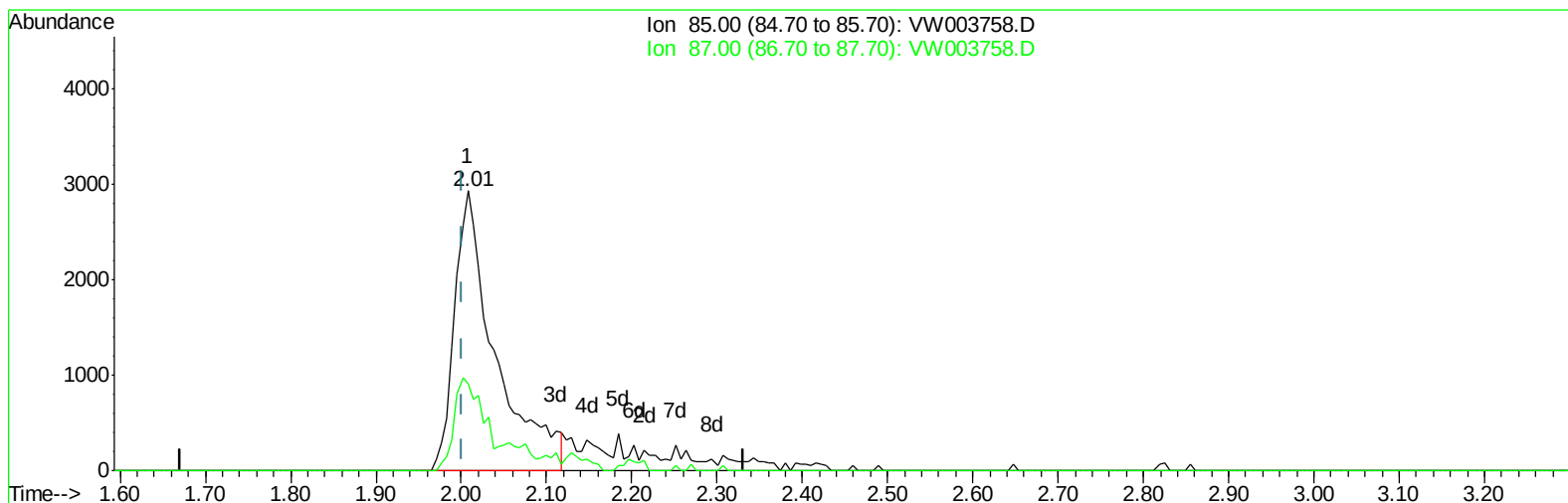
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MMDadoda
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Quant Time: Jul 09 04:27:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070818S.M
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TIC: VW003758.D

(2) Dichlorodifluoromethane (T)

2.008min (+0.006) 3.05ug/L m

response 9604

Ion	Exp%	Act%
85.00	100	100
87.00	23.40	23.08
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	370153	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	344577	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	166964	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	24026	4.84	ug/L	0.00
7) Chloroethane-d5	2.89	69	18097	4.78	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	50688	5.36	ug/L	0.00
20) 2-Butanone-d5	7.10	46	15016	9.58	ug/L	0.00
24) Chloroform-d	7.65	84	48380	4.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	29489	4.88	ug/L	0.00
29) Benzene-d6	8.27	84	90916	4.98	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	29704	5.01	ug/L	0.00
37) Toluene-d8	10.33	98	83715	4.84	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	12892	4.74	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	9964	8.77	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	26443	4.77	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	31532	5.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	9604m	3.050 ug/L	
3) Chloromethane	2.21	50	20551	4.774 ug/L	95
5) Vinyl chloride	2.36	62	29413	4.675 ug/L	98
6) Bromomethane	2.78	94	15518	4.306 ug/L	97
8) Chloroethane	2.93	64	17307	5.005 ug/L	100
9) Trichlorofluoromethane	3.26	101	15936	5.437 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	24117	5.180 ug/L	# 85
12) 1,1-Dichloroethene	4.03	96	22803	5.003 ug/L	94
13) Acetone	4.15	43	17054	9.831 ug/L	78
14) Carbon disulfide	4.37	76	75083	5.052 ug/L	100
15) Methyl Acetate	4.68	43	15051	5.432 ug/L	# 79
16) Methylene chloride	4.91	84	30672	5.169 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	40172	4.619 ug/L	97
18) trans-1,2-Dichloroethene	5.42	96	23403	4.736 ug/L	98
19) 1,1-Dichloroethane	6.21	63	46461	4.832 ug/L	95
21) 2-Butanone	7.18	43	18381	8.428 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	24566	4.532 ug/L	97
23) Bromochloromethane	7.52	128	11622	4.555 ug/L	98
25) Chloroform	7.67	83	46657	4.677 ug/L	99
27) 1,2-Dichloroethane	8.40	62	33619	4.604 ug/L	98
30) Cyclohexane	7.96	56	36119	4.488 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	38337	4.986 ug/L	99
32) Carbon tetrachloride	8.07	117	35705	4.744 ug/L	98
34) Benzene	8.32	78	100620	4.846 ug/L	100
35) Trichloroethene	9.09	95	26443	4.787 ug/L	98
36) Methylcyclohexane	9.34	83	42205	4.544 ug/L	97
40) 1,2-Dichloropropane	9.37	63	26682	4.852 ug/L	# 97
41) Bromodichloromethane	9.65	83	33269	4.652 ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	36714	4.481 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	34487	8.721 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	105270	4.743	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	33160	4.428	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	19679	4.706	ug/L	97
47) Tetrachloroethene	10.87	164	21983	4.801	ug/L	96
49) 2-Hexanone	10.98	43	25956	8.527	ug/L	99
50) Dibromochloromethane	11.13	129	22989	4.592	ug/L	99
51) 1,2-Dibromoethane	11.24	107	18722	4.643	ug/L #	99
52) Chlorobenzene	11.66	112	69772	4.779	ug/L	99
53) Ethylbenzene	11.74	91	114599	4.568	ug/L	100
54) m,p-Xylene	11.85	106	42687	4.621	ug/L	100
55) o-xylene	12.17	106	38493	4.413	ug/L	96
56) Styrene	12.19	104	66365	4.351	ug/L	98
57) Isopropylbenzene	12.47	105	107174	4.479	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	25458	4.582	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	19713	4.757	ug/L	97
62) Bromoform	12.35	173	13720	4.589	ug/L	97
63) 1,3-Dichlorobenzene	13.51	146	51807	4.908	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	56411	4.936	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	49988	4.846	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	4588	4.918	ug/L	89
67) 1,3,5-Trichlorobenzene	14.64	180	40229	4.836	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	31069	4.651	ug/L	99
69) Naphthalene	15.38	128	56888	4.254	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	29393	4.657	ug/L	99

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