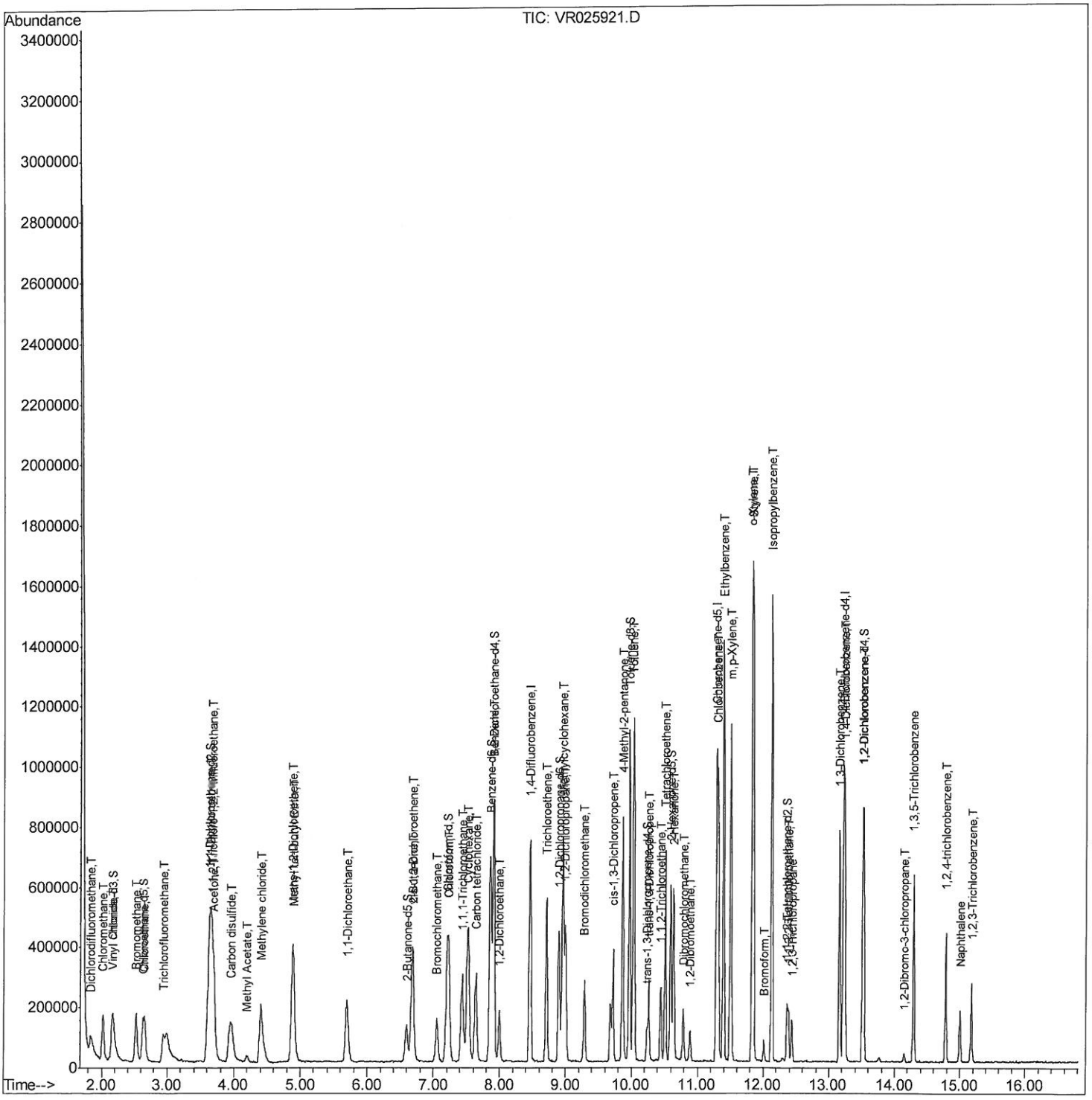
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100218\
Data File : VR025921.D
Acq On : 2 Oct 2018 10:17
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA R/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 03 02:52:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 02 01:45:34 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
LabSampleId :
VSTD00594

Manual Integrations APPROVED
MMDadoda
10/4/2018 2:46:31 PM



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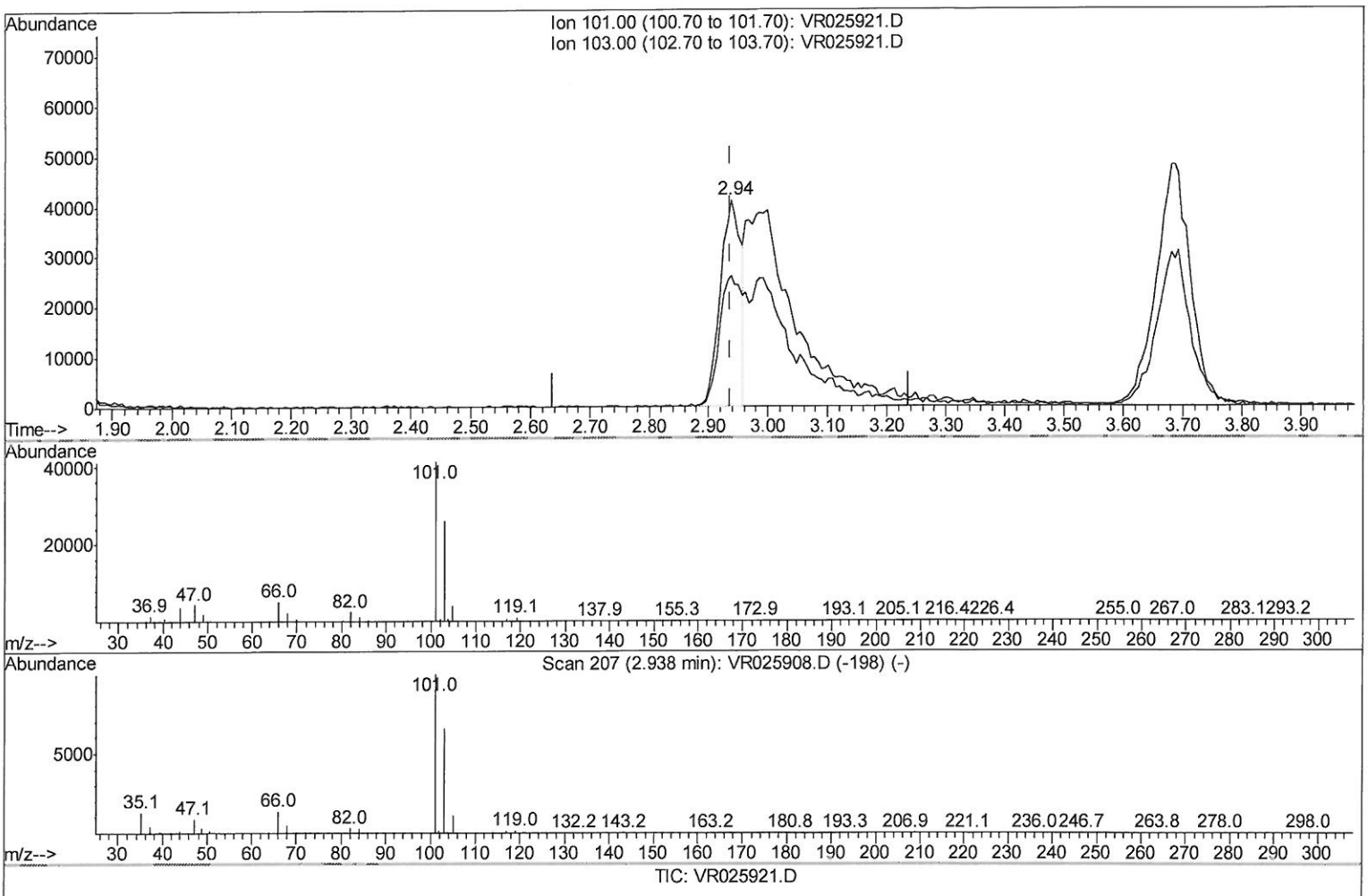

TIC: VR025921.D

(9) Trichlorofluoromethane (T)

2.938min (+0.000) 1.59ug/L

response 97354

Ion	Exp%	Act%
101.00	100	100
103.00	27.60	83.56#
0.00	0.00	0.00
0.00	0.00	0.00

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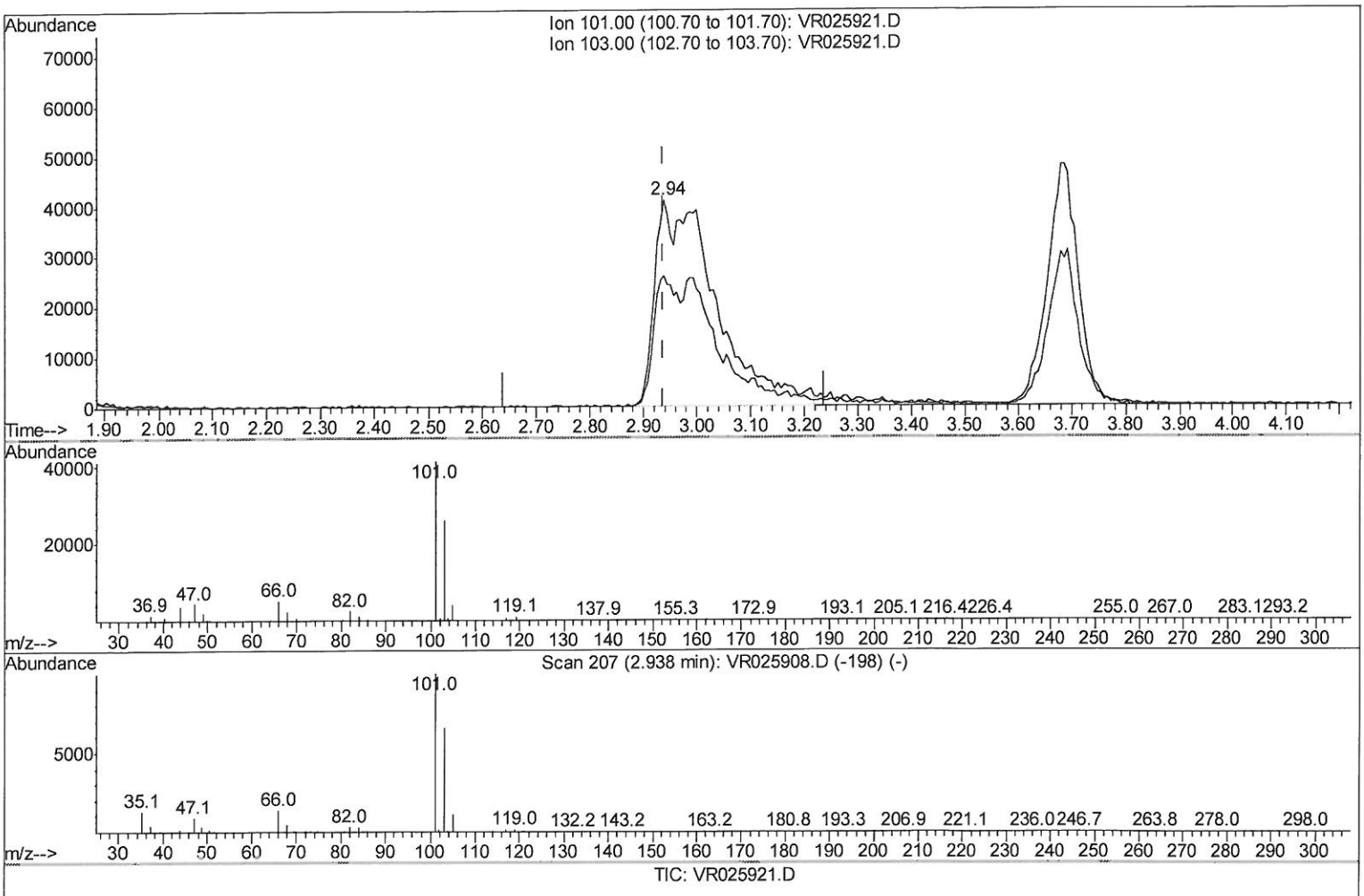

(9) Trichlorofluoromethane (T)

2.938min (+0.000) 5.30ug/L m

response 324759

Ion	Exp%	Act%
101.00	100	100
103.00	27.60	25.05
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	8.46	114	512706	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	435733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	163809	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	182406	4.51	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.20%			
7) Chloroethane-d5	2.63	69	165436	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.20%			
11) 1,1-Dichloroethene-d2	3.63	63	443568	4.67	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.40%			
20) 2-Butanone-d5	6.59	46	225849	50.11	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.22%			
24) Chloroform-d	7.20	84	333738	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	7.90	65	145843	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	7.86	84	667857	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
36) 1,2-Dichloropropane-d6	8.90	67	182219	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.20%			
41) Toluene-d8	9.97	98	618243	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	10.24	79	45192	5.10	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.00%			
46) 2-Hexanone-d5	10.59	63	169474	50.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.20%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76247	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	13.51	152	119974	4.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	140502	4.508	ug/L	98
3) Chloromethane	2.01	50	220689	4.980	ug/L	98
5) Vinyl chloride	2.17	62	211886	4.804	ug/L	95
6) Bromomethane	2.52	94	138610	5.033	ug/L	93
8) Chloroethane	2.66	64	131076	5.223	ug/L	86
9) Trichlorofluoromethane	2.94	101	324759m	5.303	ug/L	(3/08/18 84
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	188996	5.049	ug/L	96
12) 1,1-Dichloroethene	3.65	96	189654	4.900	ug/L	81
13) Acetone	3.70	43	166539	50.978	ug/L	98
14) Carbon disulfide	3.95	76	466136	4.975	ug/L	99
15) Methyl Acetate	4.19	43	40368	4.457	ug/L	100
16) Methylene chloride	4.40	84	168784	4.742	ug/L	91
17) Methyl tert-butyl Ether	4.90	73	200424	4.676	ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	153170	4.785	ug/L	95
19) 1,1-Dichloroethane	5.69	63	298480	4.710	ug/L	97
21) 2-Butanone	6.69	43	208136	46.320	ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	155470	4.827	ug/L #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.06	128	42909	4.911	ug/L		83
25) Chloroform	7.23	83	289790	4.696	ug/L		94
27) 1,2-Dichloroethane	7.99	62	143832	4.671	ug/L		99
29) 1,1,1-Trichloroethane	7.43	97	241557	4.930	ug/L		99
30) Cyclohexane	7.52	56	273052	4.460	ug/L		97
31) Carbon tetrachloride	7.64	117	215222	5.072	ug/L		99
33) Benzene	7.91	78	683604	4.677	ug/L		100
34) Trichloroethene	8.71	95	174834	4.540	ug/L		95
35) Methylcyclohexane	8.95	83	274461	4.740	ug/L		96
37) 1,2-Dichloropropane	9.00	63	150003	4.784	ug/L		100
38) Bromodichloromethane	9.28	83	161391	4.771	ug/L		99
39) cis-1,3-Dichloropropene	9.72	75	179480	5.105	ug/L		98
40) 4-Methyl-2-pentanone	9.87	43	521380	47.292	ug/L		98
42) Toluene	10.04	91	726051	4.781	ug/L		95
44) trans-1,3-Dichloropropene	10.26	75	119668	5.214	ug/L		100
45) 1,1,2-Trichloroethane	10.45	97	63763	4.496	ug/L		96
47) Tetrachloroethene	10.51	164	112060	4.723	ug/L		94
48) 2-Hexanone	10.63	43	346722	48.035	ug/L		99
49) Dibromochloromethane	10.79	129	68778	4.779	ug/L		100
50) 1,2-Dibromoethane	10.89	107	55557	4.965	ug/L		93
51) Chlorobenzene	11.32	112	385962	4.791	ug/L		94
52) Ethylbenzene	11.39	91	844636	4.873	ug/L		99
53) m,p-Xylene	11.50	106	300544	4.870	ug/L		92
54) o-Xylene	11.83	106	281184	4.895	ug/L		92
55) Styrene	11.84	104	445453	4.983	ug/L		94
56) Isopropylbenzene	12.13	105	793117	5.006	ug/L		98
58) 1,1,2,2-Tetrachloroethane	12.39	83	63424	4.642	ug/L		98
59) 1,2,3-Trichloropropane	12.43	75	46625	4.585	ug/L		96
61) Bromoform	12.01	173	23428	4.731	ug/L	#	96
62) 1,3-Dichlorobenzene	13.16	146	228853	4.780	ug/L		94
63) 1,4-Dichlorobenzene	13.24	146	224921	4.593	ug/L		97
65) 1,2-Dichlorobenzene	13.53	146	176619	4.592	ug/L		97
66) 1,2-Dibromo-3-chloropropan	14.14	75	5855	3.620	ug/L		91
67) 1,3,5-Trichlorobenzene	14.29	180	135841	4.763	ug/L		97
68) 1,2,4-trichlorobenzene	14.78	180	85611	4.709	ug/L		98
69) Naphthalene	15.00	128	105221	4.535	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	58953	4.674	ug/L		95

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