

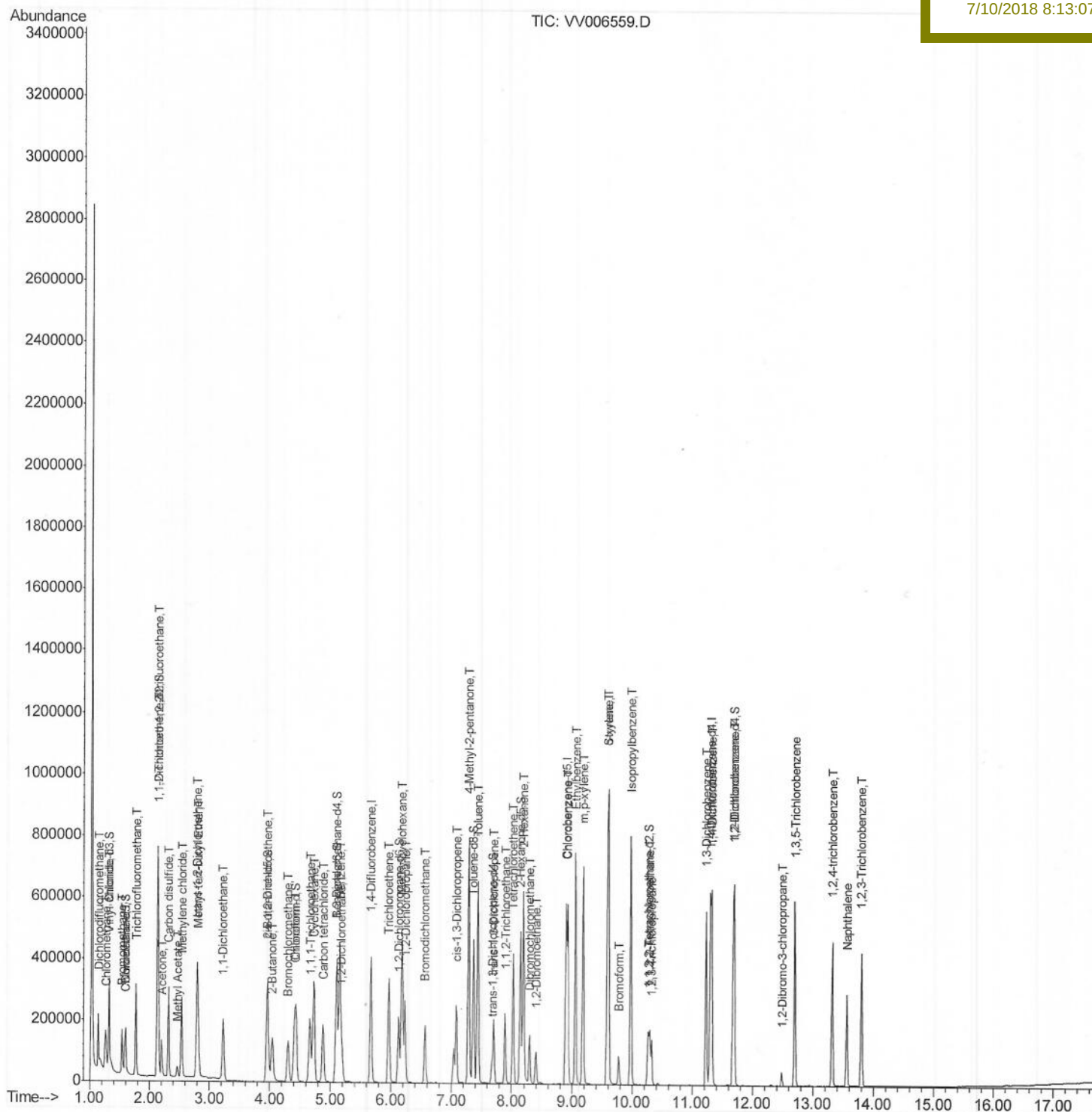
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070918\
Data File : VV006559.D
Acq On : 09 Jul 2018 14:55
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTD00567

Manual Integrations
APPROVED

apatel
7/10/2018 8:13:07 PM

Quant Time: Jul 09 22:49:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 09 03:00:48 2018
Response via : Initial Calibration



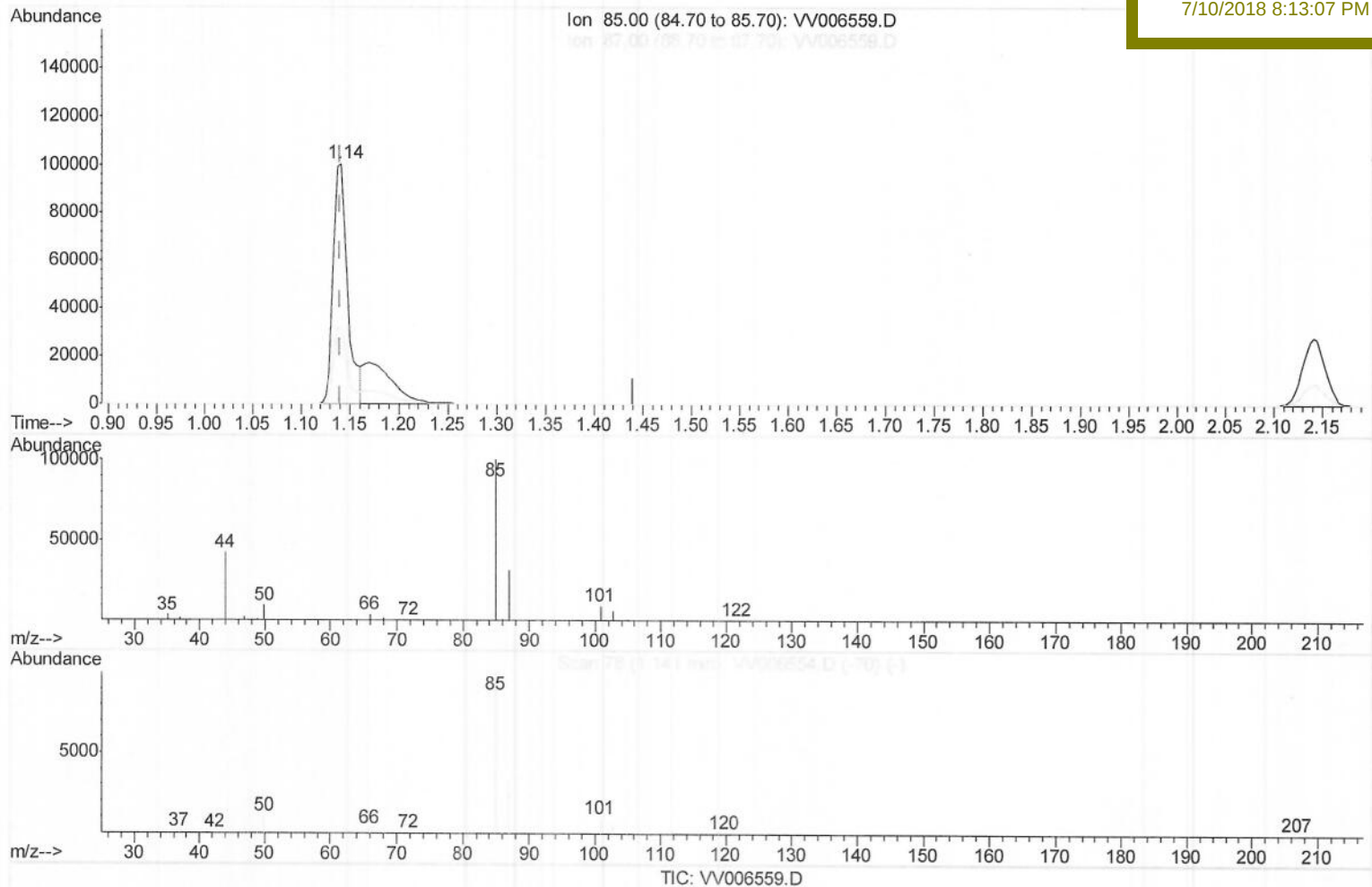
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(2) Dichlorodifluoromethane (T)

1.141min (-0.000) 3.55ug/L

response 100667

Ion	Exp%	Act%
85.00	100	100
87.00	32.10	32.01
0.00	0.00	0.00
0.00	0.00	0.00

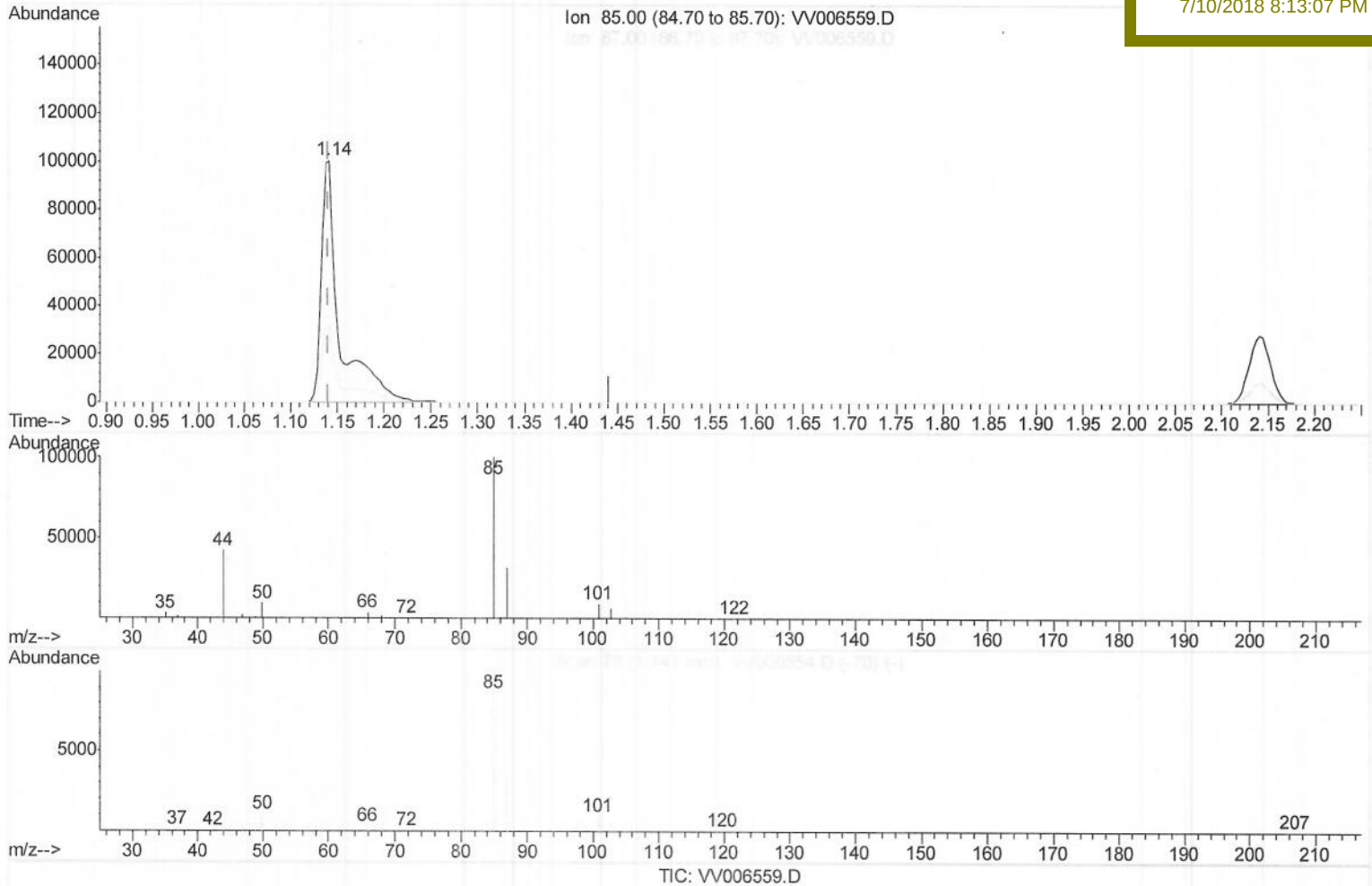
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(2) Dichlorodifluoromethane (T)

1.141min (-0.000) 4.85ug/L m MD
 response 137366 07/11/18

Ion	Exp%	Act%
85.00	100	100
87.00	32.10	23.46#
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	5.67	114	361086	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	328281	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	159580	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84467	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	68311	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.13	63	160388	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.80%
20) 2-Butanone-d5	3.96	46	204520	41.01	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.02%
24) Chloroform-d	4.41	84	174814	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.09	65	78571	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.10	84	345088	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.12	67	108411	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.36	98	313189	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	39395	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.14	63	174595	41.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81403	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	123608	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

				Qvalue	
2) Dichlorodifluoromethane	1.14	85	137366m	4.851 ug/L	99
3) Chloromethane	1.27	50	156573	4.520 ug/L	99
5) Vinyl chloride	1.32	62	147508	4.589 ug/L	100
6) Bromomethane	1.54	94	61242	4.110 ug/L	100
8) Chloroethane	1.60	64	81716	4.188 ug/L	100
9) Trichlorofluoromethane	1.77	101	172318	4.764 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	109945	4.920 ug/L	99
12) 1,1-Dichloroethene	2.14	96	103446	4.576 ug/L	91
13) Acetone	2.20	43	126316	40.053 ug/L	99
14) Carbon disulfide	2.32	76	328572	4.859 ug/L	99
15) Methyl Acetate	2.47	43	37148	4.001 ug/L	99
16) Methylene chloride	2.54	84	111413	4.371 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	232792	4.347 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	114505	4.642 ug/L	97
19) 1,1-Dichloroethane	3.23	63	200621	4.687 ug/L	99
21) 2-Butanone	4.04	43	216373	41.816 ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	123111	4.646 ug/L	98

MD
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	48718	4.488	ug/L	98
25) Chloroform	4.43	83	195342	4.588	ug/L	99
27) 1,2-Dichloroethane	5.19	62	106550	4.407	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	163541	4.755	ug/L	99
30) Cyclohexane	4.73	56	182849	4.996	ug/L	100
31) Carbon tetrachloride	4.88	117	141635	4.922	ug/L	98
33) Benzene	5.15	78	461378	4.709	ug/L	100
34) Trichloroethene	5.96	95	118785	4.727	ug/L	98
35) Methylcyclohexane	6.18	83	207259	5.121	ug/L	99
37) 1,2-Dichloropropane	6.23	63	109320	4.562	ug/L	99
38) Bromodichloromethane	6.56	83	126705	4.689	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	154047	4.789	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	514786	42.378	ug/L	100
42) Toluene	7.44	91	489736	4.805	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	119994	4.833	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	73468	4.381	ug/L	99
47) Tetrachloroethene	8.02	164	101048	4.890	ug/L	99
48) 2-Hexanone	8.19	43	367627	42.682	ug/L	99
49) Dibromochloromethane	8.30	129	81035	4.634	ug/L	99
50) 1,2-Dibromoethane	8.40	107	67585	4.428	ug/L	100
51) Chlorobenzene	8.93	112	314825	4.722	ug/L	100
52) Ethylbenzene	9.06	91	532253	4.915	ug/L	99
53) m,p-xylene	9.19	106	206090	4.940	ug/L	99
54) o-xylene	9.59	106	200410	4.908	ug/L	99
55) Styrene	9.61	104	336460	4.900	ug/L	100
56) Isopropylbenzene	9.98	105	527637	5.038	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	84964	4.295	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	60482	4.241	ug/L	99
61) Bromoform	9.78	173	41231	4.510	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	241412	4.796	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	243179	4.753	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	225247	4.633	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10963	4.220	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	192122	4.818	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	151323	4.770	ug/L	100
69) Naphthalene	13.56	128	237943	4.417	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	139547	4.692	ug/L	99

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