

(QT Reviewed)

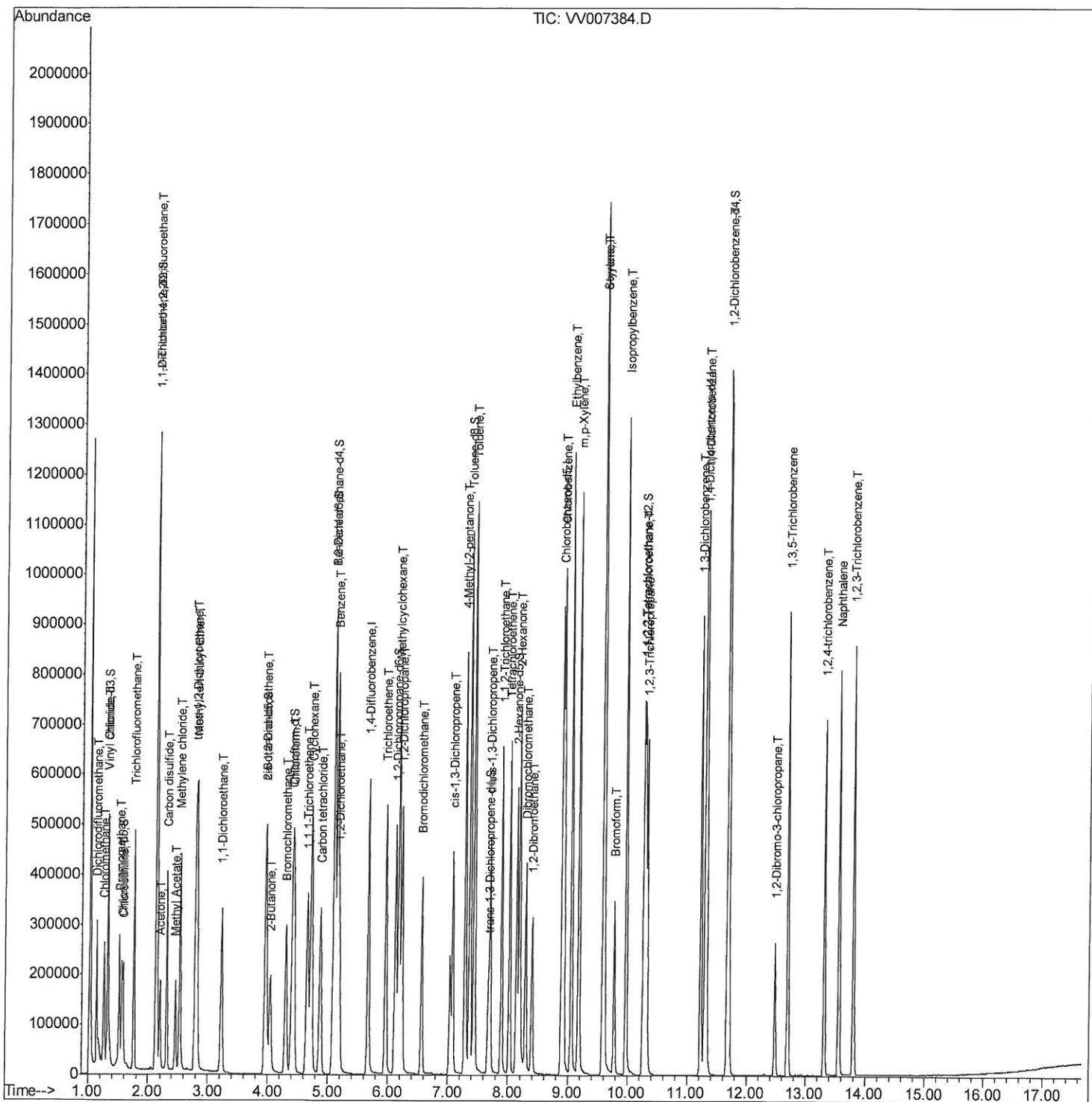
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090518\
Data File : VV007384.D
Acq On : 05 Sep 2018 15:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTD05068

Manual Integrations
APPROVED

MMDadoda
9/6/2018 10:53:56 AM

Quant Time: Sep 06 01:42:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 00:43:59 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

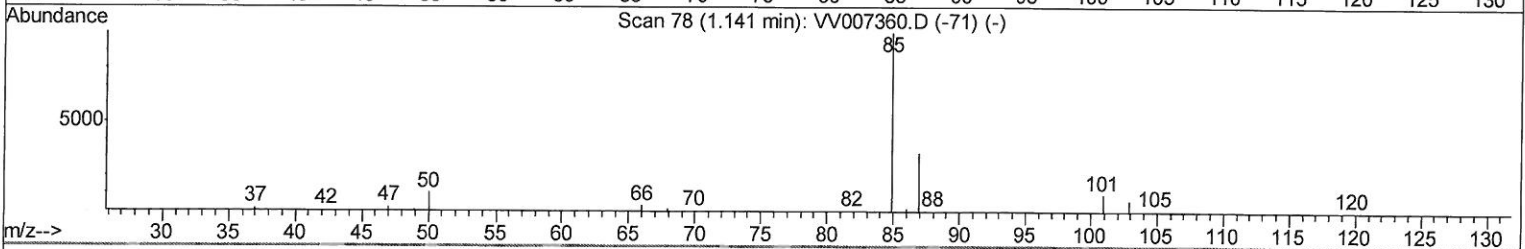
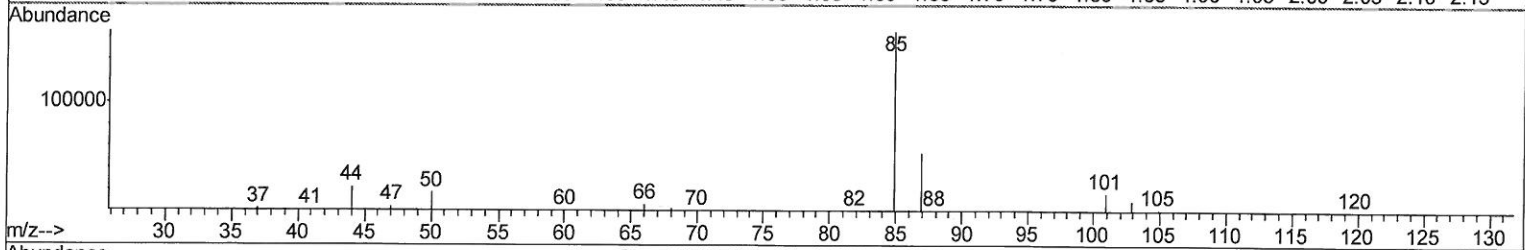
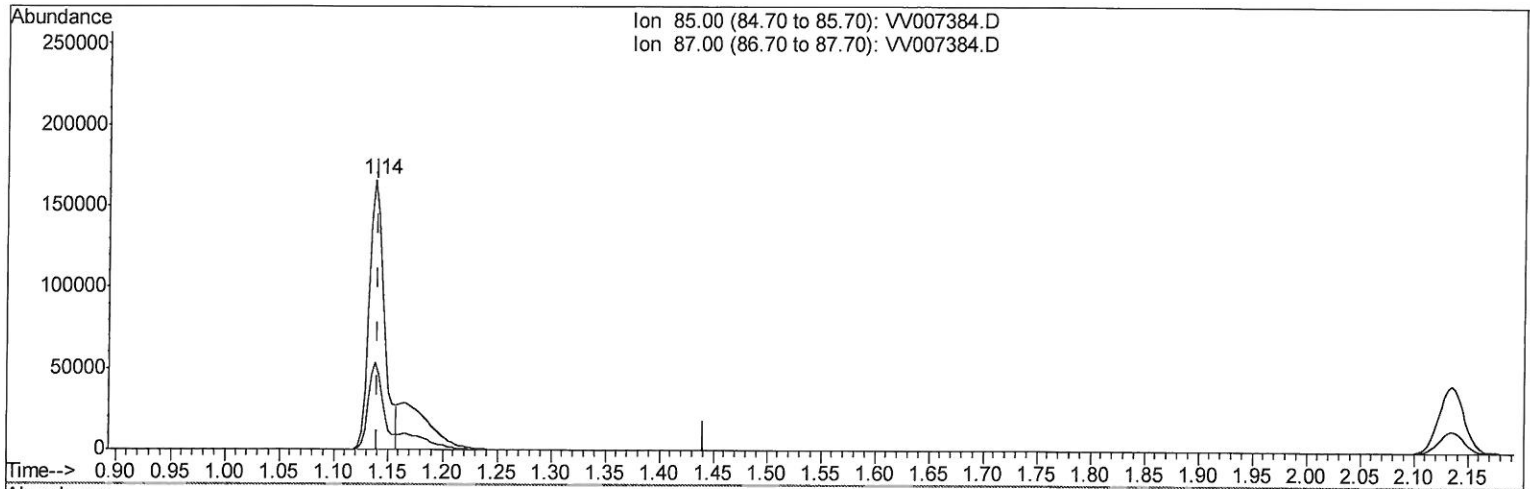
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TIC: VV007384.D

(2) Dichlorodifluoromethane (T)

1.138min (-0.003) 39.25ug/L

response 159733

Ion	Exp%	Act%
85.00	100	100
87.00	32.50	32.54
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

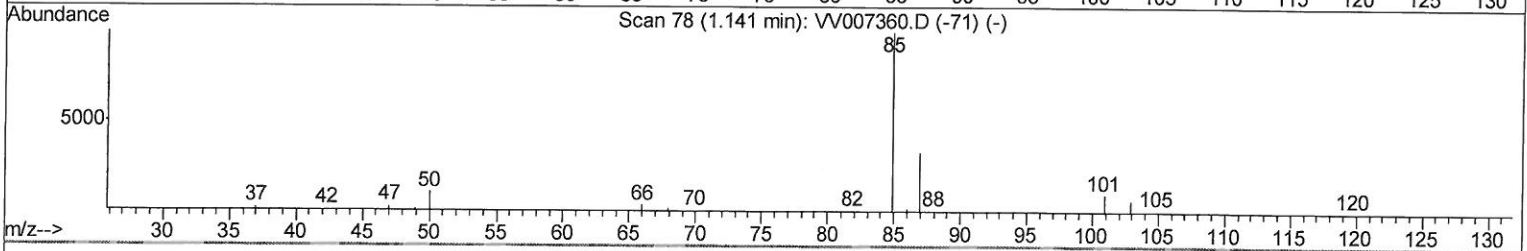
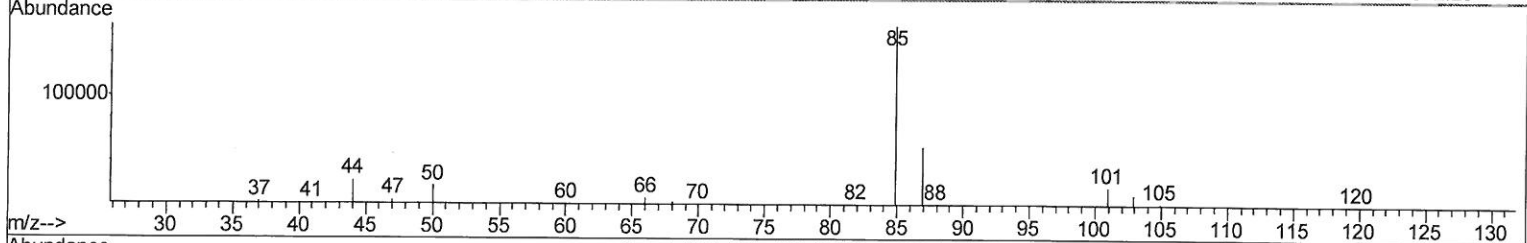
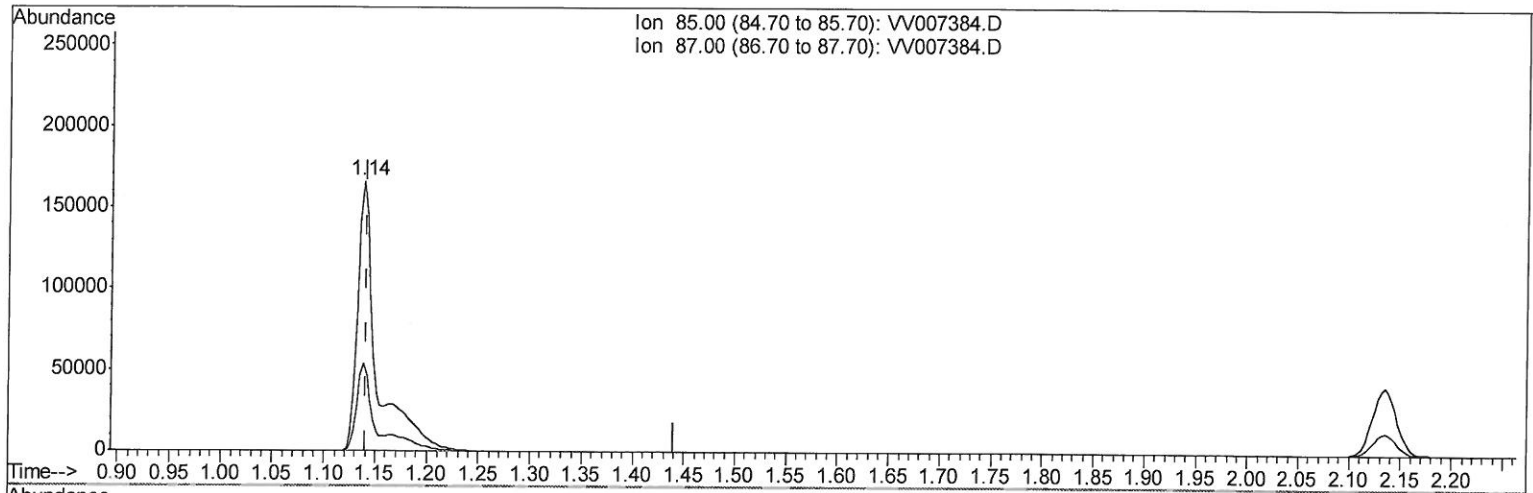
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TIC: VV007384.D

(2) Dichlorodifluoromethane (T)

1.138min (-0.003) 53.50ug/L m

response 217723

> MO
09/06/18

Ion	Exp%	Act%
85.00	100	100
87.00	32.50	23.87#
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	512789	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	515103	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	261921	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	194711	53.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.32%
7) Chloroethane-d5	1.56	69	141539	58.99	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.98%
11) 1,1-Dichloroethene-d2	2.13	63	326784	50.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.30%
21) 2-Butanone-d5	3.95	46	253252	85.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.00%
24) Chloroform-d	4.40	84	381956	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
26) 1,2-Dichloroethane-d4	5.09	65	232453	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.72%
32) Benzene-d6	5.10	84	769040	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
36) 1,2-Dichloropropane-d6	6.12	67	250212	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.18%
41) Toluene-d8	7.36	98	719537	53.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.68%
43) trans-1,3-Dichloropropene-	7.67	79	104386	47.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.20%
47) 2-Hexanone-d5	8.14	63	186047	91.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.22%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	365744	51.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.94%
64) 1,2-Dichlorobenzene-d4	11.68	152	290082	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	217723m	53.496	ug/L
3) Chloromethane	1.26	50	250680	58.066	ug/L
5) Vinyl chloride	1.32	62	224879	51.377	ug/L
6) Bromomethane	1.51	94	88927	42.164	ug/L
8) Chloroethane	1.58	64	121339	54.023	ug/L
9) Trichlorofluoromethane	1.76	101	281555	50.816	ug/L
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	169706	49.332	ug/L
12) 1,1-Dichloroethene	2.14	96	160448	49.474	ug/L
13) Acetone	2.19	43	158908	89.569	ug/L
14) Carbon disulfide	2.31	76	451603	49.145	ug/L
15) Methyl Acetate	2.46	43	182695	47.273	ug/L
16) Methylene chloride	2.53	84	190641	49.433	ug/L
17) trans-1,2-Dichloroethene	2.79	96	172385	48.726	ug/L
18) Methyl tert-butyl Ether	2.81	73	547660	49.428	ug/L
19) 1,1-Dichloroethane	3.23	63	336354	45.905	ug/L
20) cis-1,2-Dichloroethene	3.96	96	199192	48.927	ug/L
22) 2-Butanone	4.04	43	305194	102.712	ug/L

> MLD
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	105223	49.398	ug/L	98
25) Chloroform	4.43	83	360857	50.035	ug/L	100
27) 1,2-Dichloroethane	5.18	62	268828	49.782	ug/L	98
29) Cyclohexane	4.72	56	272054	47.640	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	296532	47.139	ug/L	99
31) Carbon tetrachloride	4.87	117	257392	47.270	ug/L	100
33) Benzene	5.15	78	811957	49.280	ug/L	100
34) Trichloroethene	5.96	95	187280	46.562	ug/L	100
35) Methylcyclohexane	6.18	83	295793	49.317	ug/L	100
37) 1,2-Dichloropropane	6.22	63	212636	46.961	ug/L	99
38) Bromodichloromethane	6.56	83	263576	47.673	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	273399	44.965	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	536239	102.515	ug/L	100
42) Toluene	7.43	91	834020	52.618	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	263930	46.423	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	207204	48.485	ug/L	100
46) Tetrachloroethene	8.02	164	159591	49.344	ug/L	97
48) 2-Hexanone	8.19	43	448965	110.057	ug/L	96
49) Dibromochloromethane	8.30	129	214185	48.862	ug/L	100
50) 1,2-Dibromoethane	8.40	107	203324	48.713	ug/L	97
51) Chlorobenzene	8.93	112	539120	50.369	ug/L	99
52) Ethylbenzene	9.06	91	846909	52.689	ug/L	99
53) m,p-Xylene	9.19	106	332613	54.049	ug/L	99
54) o-xylene	9.59	106	320640	53.583	ug/L	100
55) Styrene	9.61	104	606046	58.466	ug/L	100
56) Isopropylbenzene	9.98	105	821408	54.273	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	350426	51.841	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	281916	52.350	ug/L	99
61) Bromoform	9.78	173	162141	45.458	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	393526	49.457	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	438010	51.326	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	457950	51.483	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	67229	44.579	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	305331	50.006	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	232588	49.172	ug/L	98
69) Naphthalene	13.56	128	649162	47.551	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	269748	51.608	ug/L	98

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