

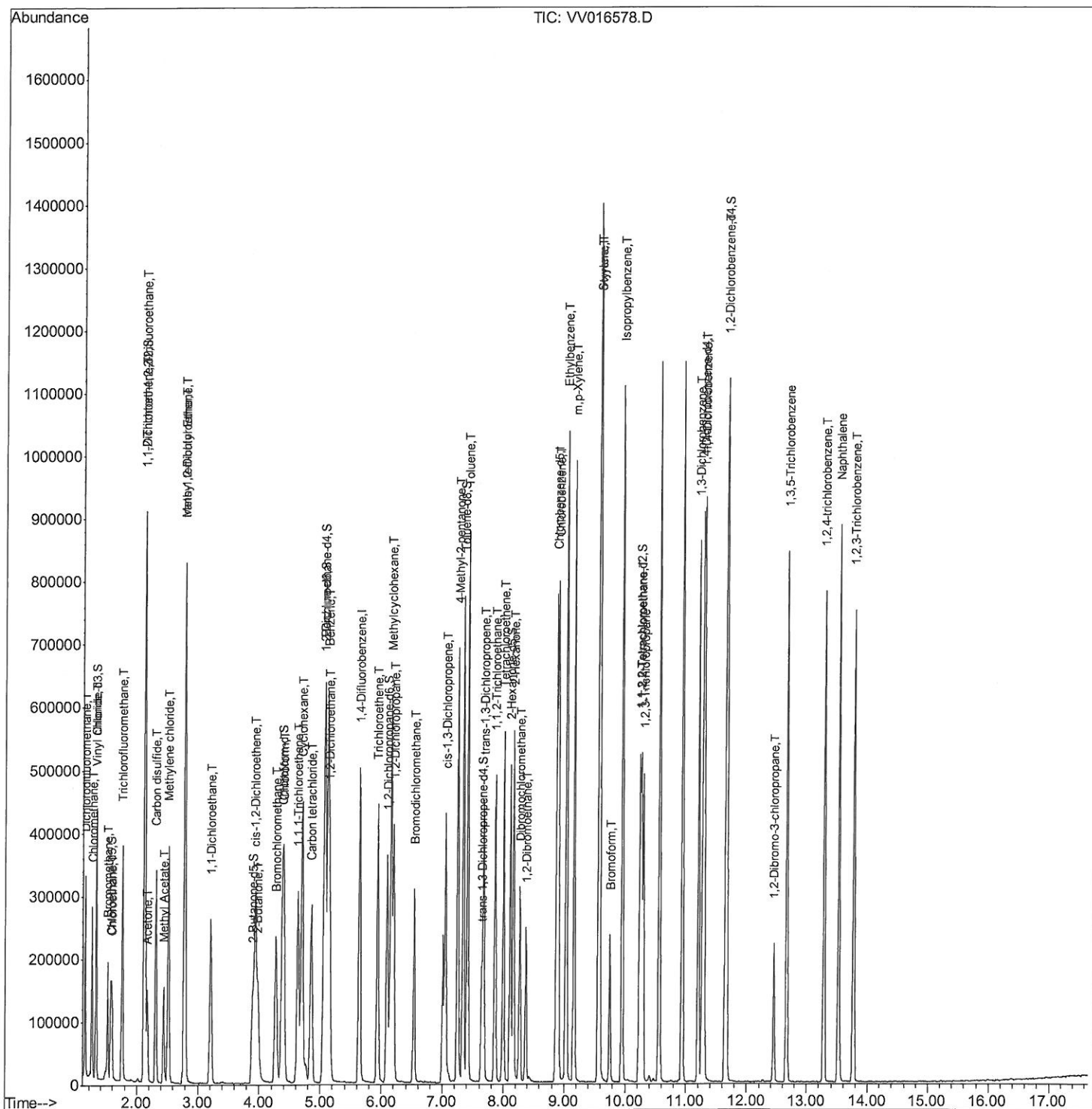
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
Data File : VV016578.D
Acq On : 06 Jun 2020 10:18
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTD05069

Manual Integrations APPROVED

MMDadoda
6/8/2020 3:05:02 PM

Quant Time: Jun 06 23:46:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

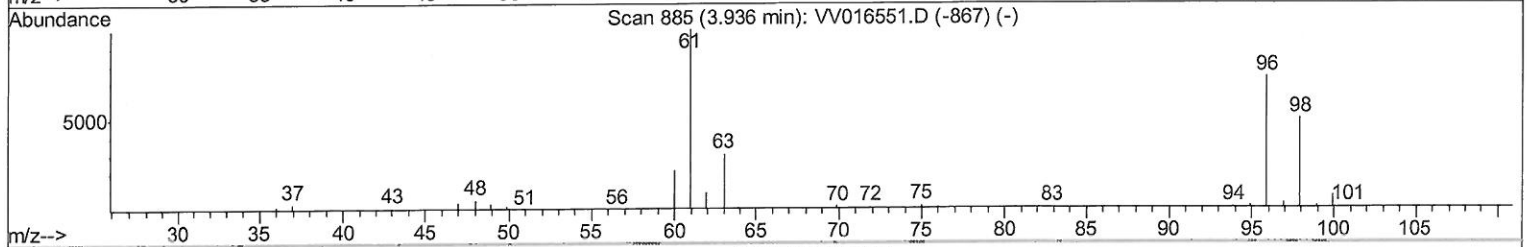
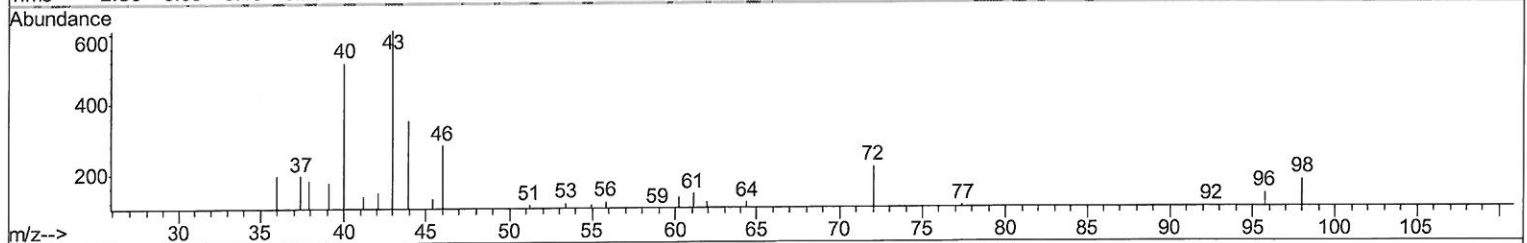
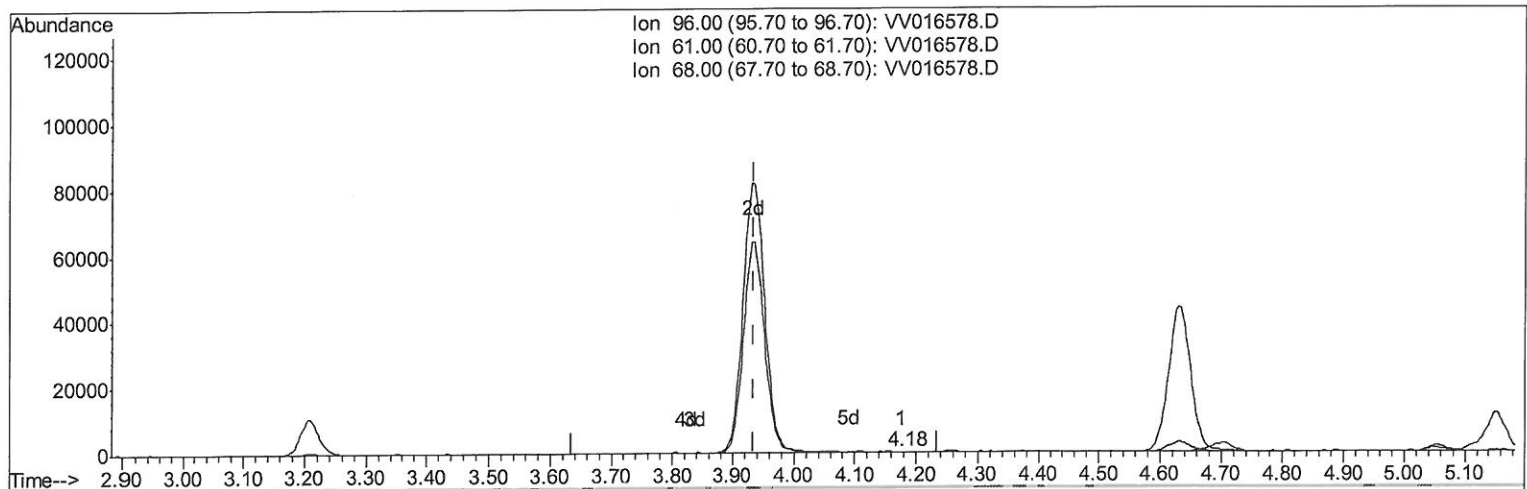
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TIC: VV016578.D

(20) cis-1,2-Dichloroethene (T)

4.177min (+0.241) 0.02ug/L

response 74

Ion	Exp%	Act%
96.00	100	100
61.00	133.40	101.43
68.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

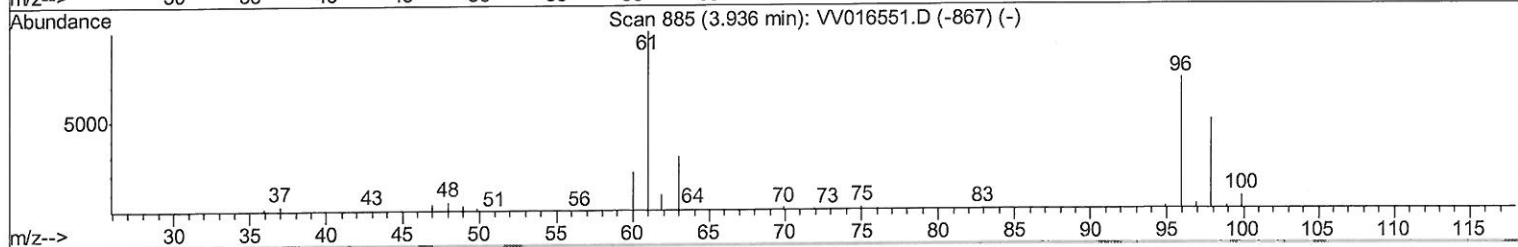
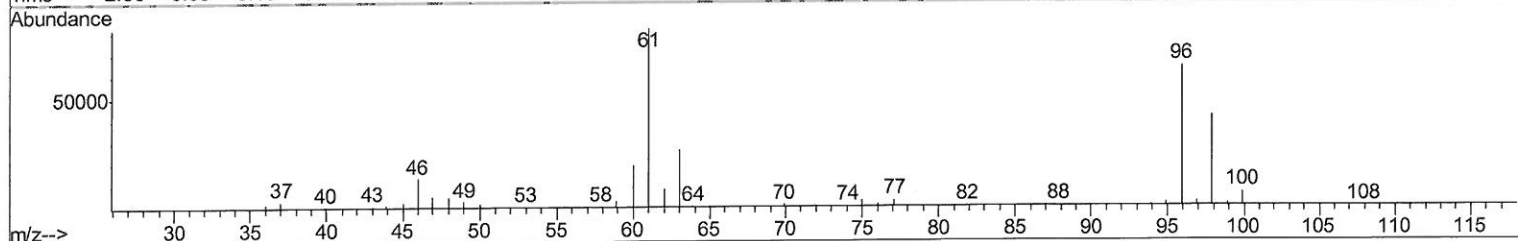
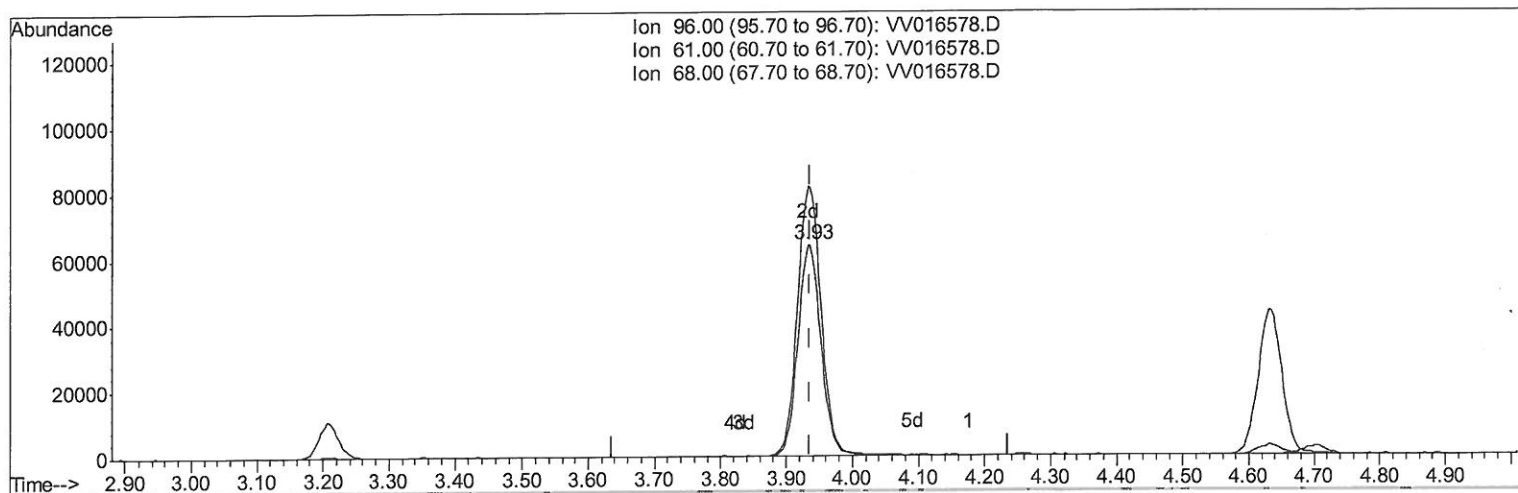
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TIC: VV016578.D

(20) cis-1,2-Dichloroethene (T)

3.933min (-0.003) 49.28ug/L m

response 154823

Ion	Exp%	Act%
96.00	100	100
61.00	133.40	127.77
68.00	0.00	0.20#
0.00	0.00	0.00

7 MD
06/12/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	415585	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	391074	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	199660	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124058	42.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.30%
7) Chloroethane-d5	1.57	69	93756	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.24%
11) 1,1-Dichloroethene-d2	2.12	63	232332	44.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.06%
21) 2-Butanone-d5	3.89	46	219556	116.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.65%
24) Chloroform-d	4.37	84	275477	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
26) 1,2-Dichloroethane-d4	5.05	65	184054	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
32) Benzene-d6	5.07	84	533607	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.88%
36) 1,2-Dichloropropane-d6	6.09	67	168508	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.24%
41) Toluene-d8	7.34	98	489291	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%
43) trans-1,3-Dichloropropene-	7.64	79	85576	53.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.60%
47) 2-Hexanone-d5	8.11	63	168369	120.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	229123	51.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	202575	53.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.98%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	162966	47.527 ug/L	99
3) Chloromethane	1.25	50	162861	49.296 ug/L	100
5) Vinyl chloride	1.32	62	147358	46.163 ug/L	100
6) Bromomethane	1.51	94	74911	45.111 ug/L	99
8) Chloroethane	1.59	64	84327	47.139 ug/L	99
9) Trichlorofluoromethane	1.76	101	216341	46.932 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	114008	47.551 ug/L	99
12) 1,1-Dichloroethene	2.13	96	106223	46.039 ug/L	94
13) Acetone	2.17	43	139028	79.035 ug/L	98
14) Carbon disulfide	2.31	76	373955	46.815 ug/L	99
15) Methyl Acetate	2.44	43	170342	52.686 ug/L	98
16) Methylene chloride	2.52	84	147648	45.392 ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	139739	48.001 ug/L	98
18) Methyl tert-butyl Ether	2.78	73	472935	52.475 ug/L	99
19) 1,1-Dichloroethane	3.21	63	265477	49.309 ug/L	99
20) cis-1,2-Dichloroethene	3.93	96	154823m	49.279 ug/L	96
22) 2-Butanone	3.98	43	237548	108.825 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	78610	48.624	ug/L	97
25) Chloroform	4.40	83	269068	47.681	ug/L	99
27) 1,2-Dichloroethane	5.15	62	224559	48.974	ug/L	99
29) Cyclohexane	4.70	56	249852	53.830	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	245191	51.445	ug/L	99
31) Carbon tetrachloride	4.85	117	211389	51.571	ug/L	96
33) Benzene	5.12	78	584425	50.813	ug/L	100
34) Trichloroethene	5.94	95	150110	49.740	ug/L	97
35) Methylcyclohexane	6.15	83	252610	58.314	ug/L	100
37) 1,2-Dichloropropane	6.20	63	150189	50.099	ug/L	100
38) Bromodichloromethane	6.53	83	195378	50.723	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	241894	55.340	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	454145	110.097	ug/L	100
42) Toluene	7.41	91	617862	50.697	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	233579	54.465	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	144494	49.847	ug/L	99
46) Tetrachloroethene	8.00	164	120853	51.938	ug/L	98
48) 2-Hexanone	8.16	43	349762	109.067	ug/L	99
49) Dibromochloromethane	8.27	129	152134	53.985	ug/L	98
50) 1,2-Dibromoethane	8.37	107	153881	50.184	ug/L	99
51) Chlorobenzene	8.90	112	394778	49.286	ug/L	99
52) Ethylbenzene	9.03	91	696908	52.539	ug/L	99
53) m,p-Xylene	9.16	106	263918	52.766	ug/L	99
54) o-xylene	9.56	106	252691	52.165	ug/L	97
55) Styrene	9.58	104	439121	51.746	ug/L	97
56) Isopropylbenzene	9.95	105	694627	55.207	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	231968	49.885	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	188008	50.258	ug/L	98
61) Bromoform	9.75	173	99831	59.715	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	320848	51.866	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	324447	50.548	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	326127	52.377	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	51855	54.877	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	243876	58.598	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	222513	57.751	ug/L	98
69) Naphthalene	13.53	128	662735	56.039	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	213166	58.200	ug/L	100

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