

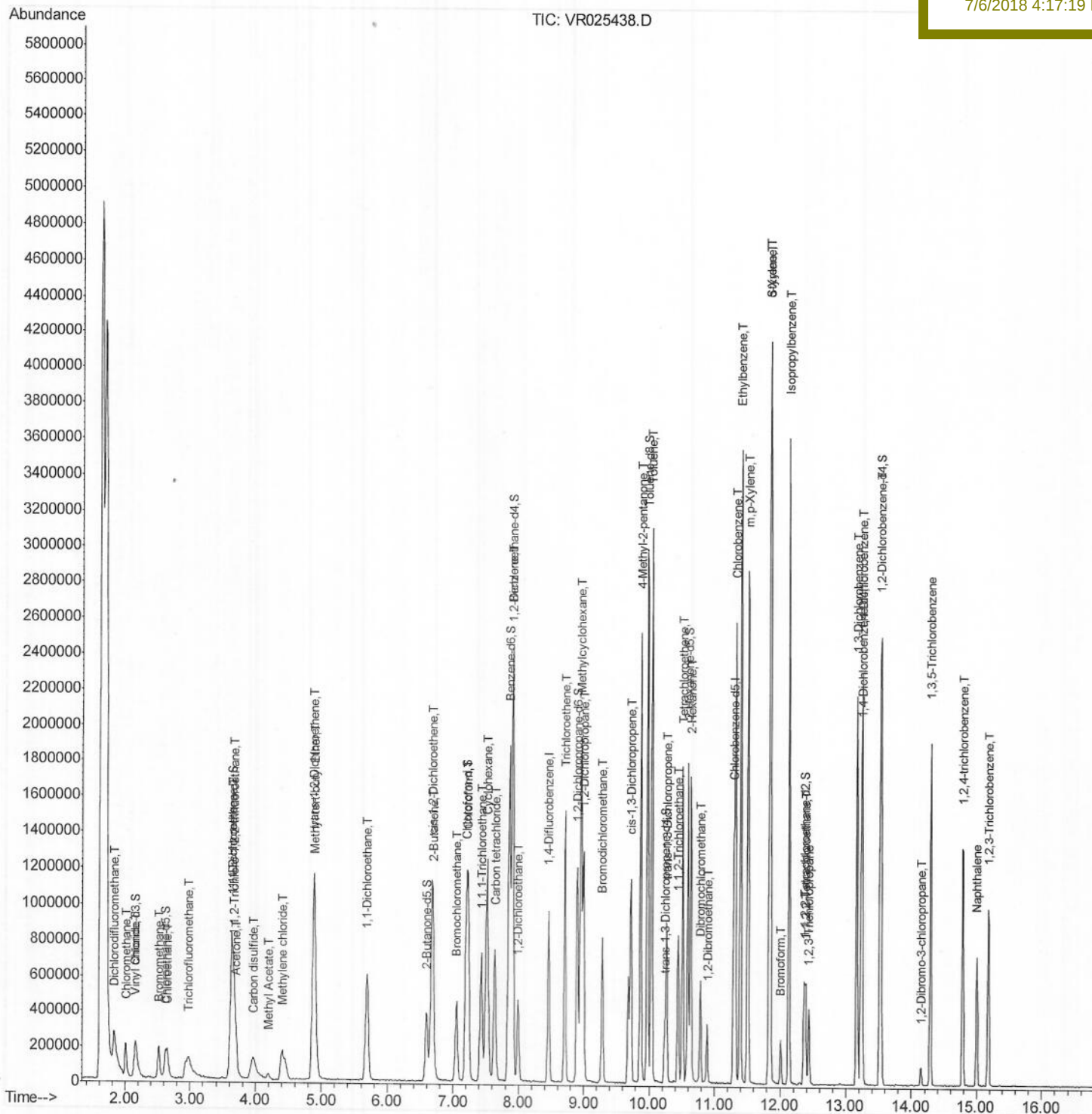
Data File : VR025438.D
Acq On : 5 Jul 2018 14:00
Operator : SY/MD
Sample : VSTD01084
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 05 15:05:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 05 12:32:40 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
Client Sampled :
VSTD01084

Manual Integrations
APPROVED

MMDadoda
7/6/2018 4:17:19 PM



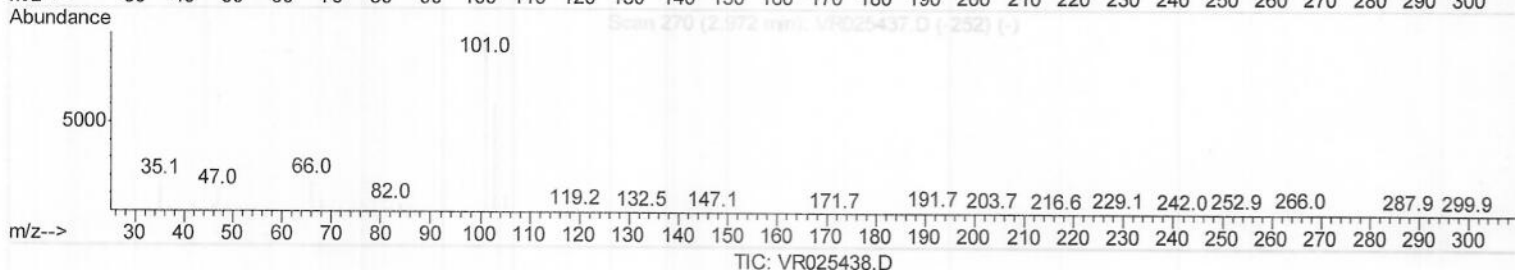
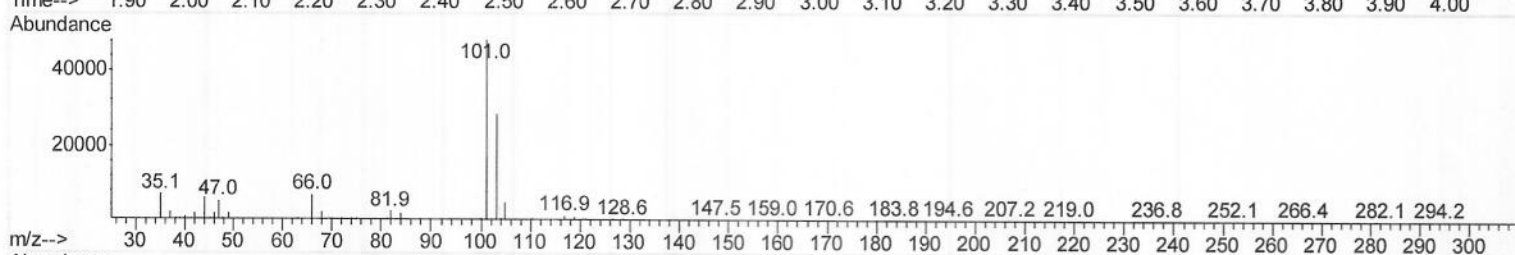
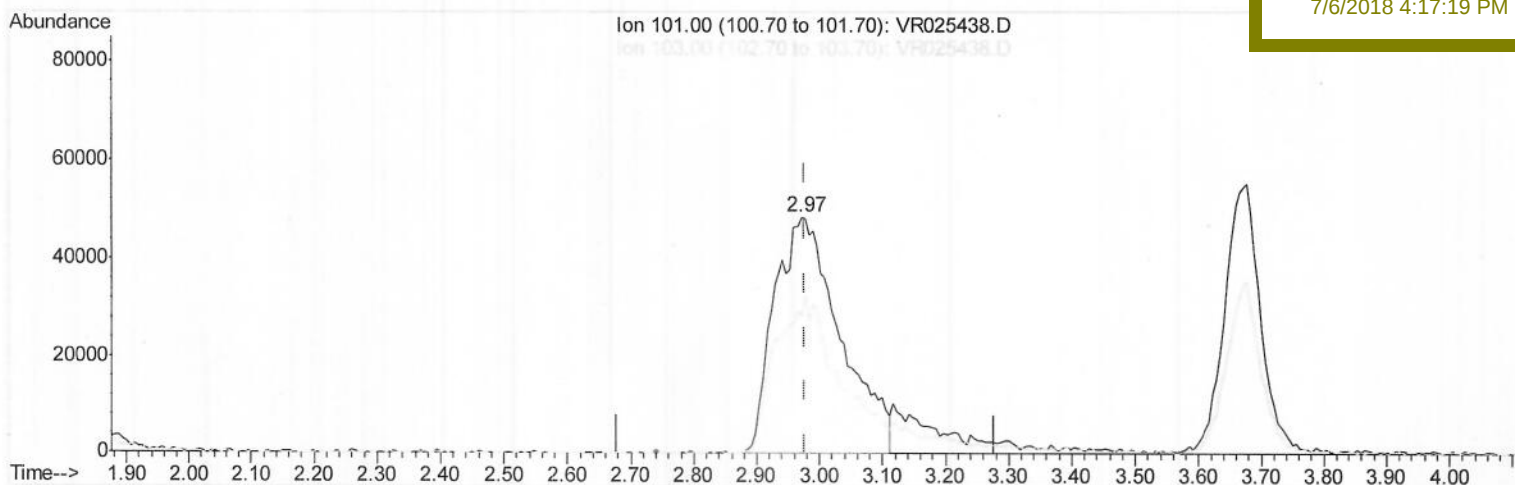
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(9) Trichlorofluoromethane (T)

2.972min (-0.006) 7.99ug/L

response 352073

Ion	Exp%	Act%
101.00	100	100
103.00	13.70	64.71#
0.00	0.00	0.00
0.00	0.00	0.00

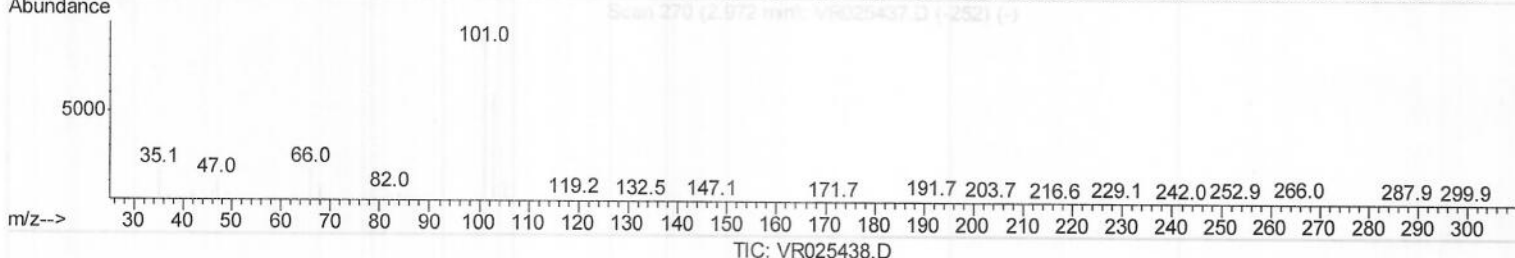
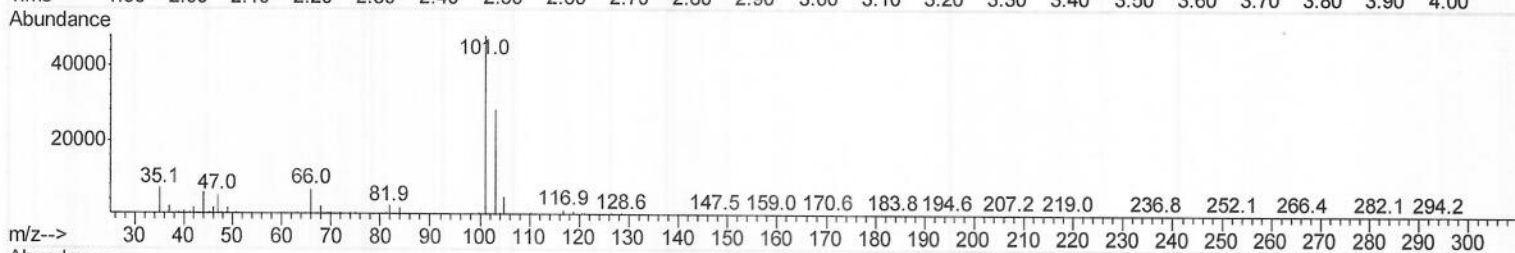
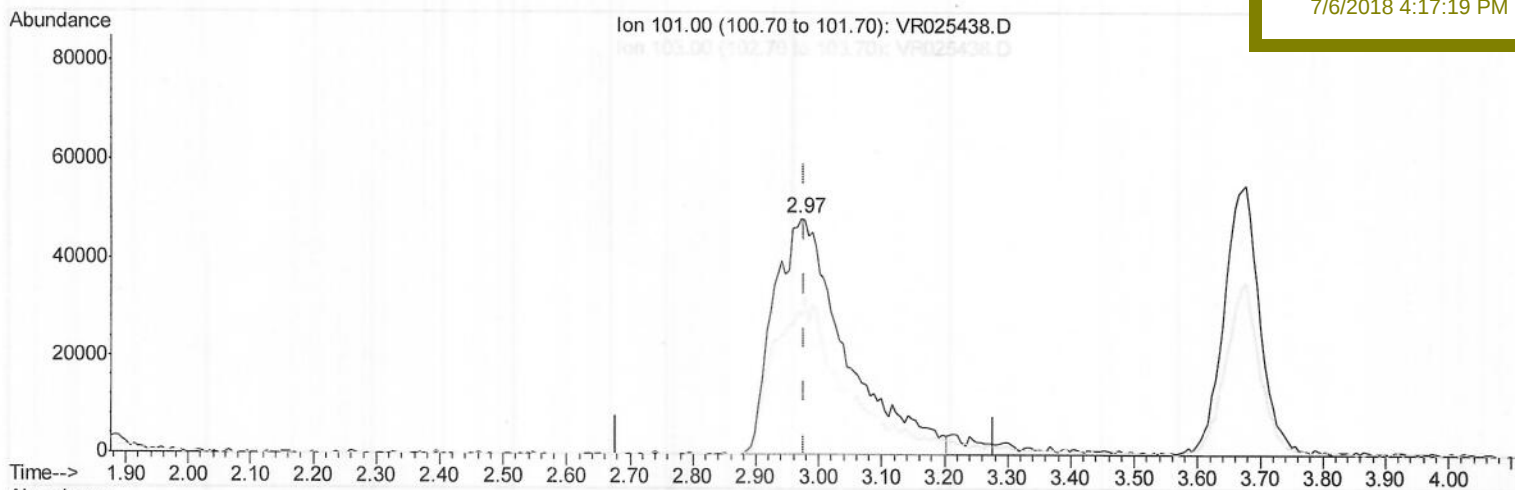
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APPROVED

MMDadoda
7/6/2018 4:17:19 PM



(9) Trichlorofluoromethane (T)

2.972min (-0.006) 8.76ug/L m) MD
response 386255 07/07/18

Ion	Exp%	Act%
101.00	100	100
103.00	13.70	58.98#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	728823	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	609715	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	245426	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	209682	8.44	ug/L	0.00
7) Chloroethane-d5	2.62	69	170244	9.33	ug/L	-0.01
11) 1,1-Dichloroethene-d2	3.63	63	597040	9.35	ug/L	-0.02
20) 2-Butanone-d5	6.59	46	681254	102.38	ug/L	0.00
24) Chloroform-d	7.20	84	958149	10.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	364865	10.28	ug/L	0.00
32) Benzene-d6	7.85	84	2062505	9.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	580484	9.88	ug/L	0.00
41) Toluene-d8	9.97	98	1829741	10.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	164768	10.54	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	584150	107.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	253451	11.09	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	405416	9.74	ug/L	0.00

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	438364	9.305	ug/L	98
3) Chloromethane	2.00	50	242970	7.125	ug/L	98
5) Vinyl chloride	2.16	62	225498	7.472	ug/L	95
6) Bromomethane	2.52	94	134973	9.175	ug/L	96
8) Chloroethane	2.66	64	134110	8.512	ug/L	96
9) Trichlorofluoromethane	2.97	101	386255m)	8.762	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	215945	8.351	ug/L	97
12) 1,1-Dichloroethene	3.65	96	211846	8.269	ug/L	96
13) Acetone	3.70	43	241000	80.194	ug/L	98
14) Carbon disulfide	3.96	76	517987	9.610	ug/L	99
15) Methyl Acetate	4.19	43	59647	7.894	ug/L	96
16) Methylene chloride	4.40	84	181224	7.775	ug/L	86
17) Methyl tert-butyl Ether	4.90	73	743707	9.738	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	547297	10.392	ug/L	98
19) 1,1-Dichloroethane	5.69	63	927578	9.375	ug/L	100
21) 2-Butanone	6.69	43	689908	97.127	ug/L	96
22) cis-1,2-Dichloroethene	6.67	96	544933	9.915	ug/L	97
23) Bromochloromethane	7.05	128	157158	9.765	ug/L	93
25) Chloroform	7.23	83	870962	9.630	ug/L	97
27) 1,2-Dichloroethane	7.99	62	388616	9.413	ug/L #	95
29) 1,1,1-Trichloroethane	7.43	97	623994	8.616	ug/L	98
30) Cyclohexane	7.52	56	816773	8.835	ug/L	97
31) Carbon tetrachloride	7.64	117	561043	8.824	ug/L	99
33) Benzene	7.91	78	2129897	8.897	ug/L	100
34) Trichloroethene	8.71	95	526358	9.088	ug/L	99
35) Methylcyclohexane	8.96	83	846759	9.265	ug/L	96
37) 1,2-Dichloropropane	8.99	63	474953	8.925	ug/L	99
38) Bromodichloromethane	9.28	83	513227	9.944	ug/L	96
39) cis-1,3-Dichloropropene	9.72	75	625528	9.981	ug/L	97
40) 4-Methyl-2-pentanone	9.86	43	1529108	88.794	ug/L	95

MD
27/07/18

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Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
42) Toluene	10.03	91	2113192	8.238	ug/L	100
44) trans-1,3-Dichloropropene	10.27	75	445269	10.329	ug/L	98
45) 1,1,2-Trichloroethane	10.44	97	236090	9.557	ug/L	95
47) Tetrachloroethene	10.51	164	354121	9.159	ug/L	96
48) 2-Hexanone	10.64	43	1031325	93.949	ug/L	95
49) Dibromochloromethane	10.78	129	266307	11.196	ug/L	97
50) 1,2-Dibromoethane	10.89	107	197637	9.979	ug/L	96
51) Chlorobenzene	11.31	112	1196608	8.710	ug/L	99
52) Ethylbenzene	11.39	91	2304330	9.054	ug/L	98
53) m,p-Xylene	11.50	106	878495	9.041	ug/L	91
54) o-Xylene	11.83	106	780845	8.993	ug/L	96
55) Styrene	11.84	104	1232655	9.236	ug/L	98
56) Isopropylbenzene	12.13	105	2104951	9.016	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.38	83	230407	10.071	ug/L #	92
59) 1,2,3-Trichloropropane	12.43	75	169217	10.248	ug/L	100
61) Bromoform	12.01	173	101215	11.563	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	772675	8.970	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	774039	8.988	ug/L	96
65) 1,2-Dichlorobenzene	13.53	146	620484	8.989	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	25818	9.466	ug/L #	86
67) 1,3,5-Trichlorobenzene	14.29	180	491627	8.619	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	336939	8.485	ug/L	98
69) Naphthalene	15.00	128	494632	9.570	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	265623	8.643	ug/L	98

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