

(QT Reviewed)

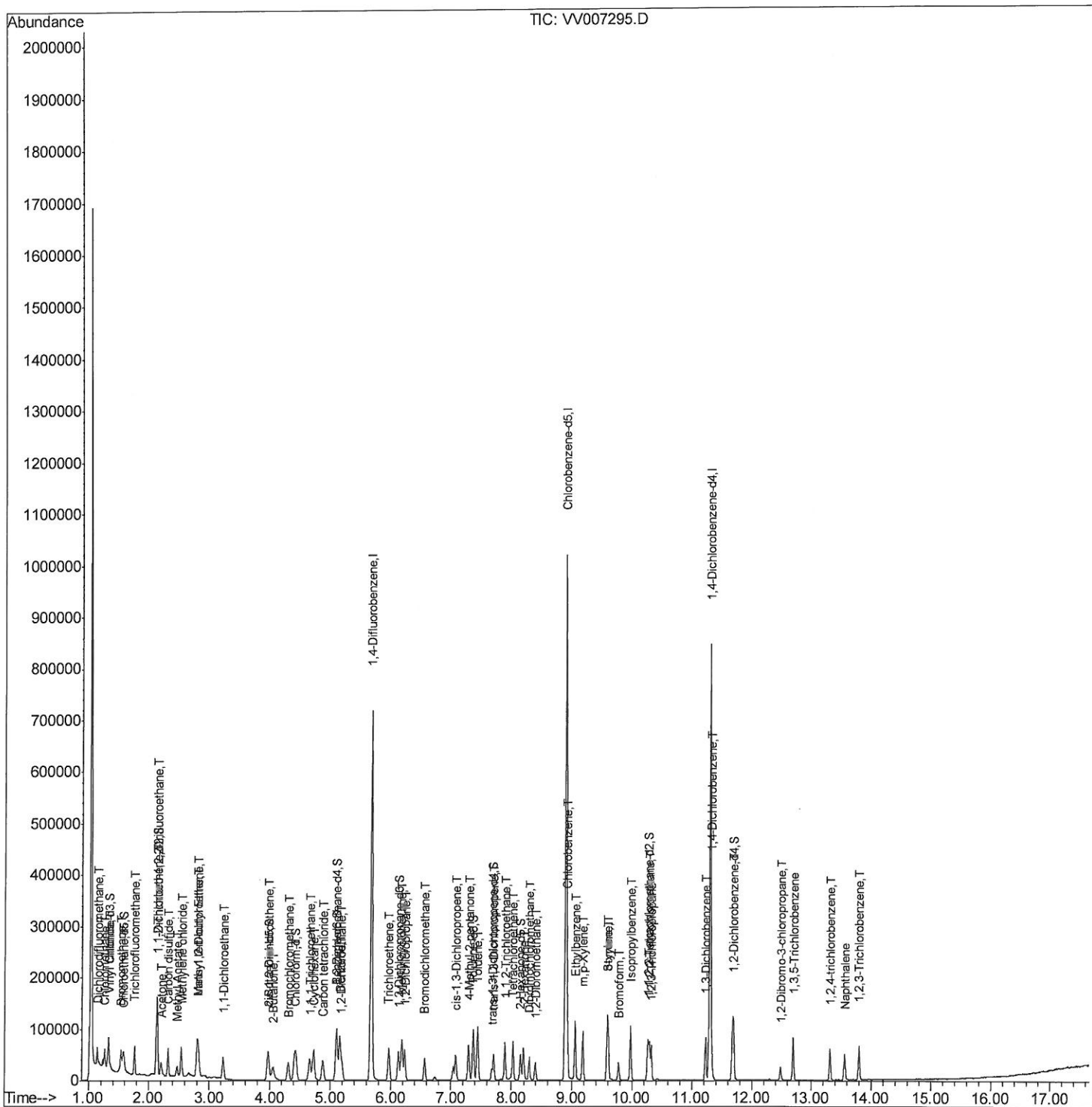
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083118\
Data File : VV007295.D
Acq On : 31 Aug 2018 12:15
Operator : SY/MD
Sample : VSTD00576
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00576

Manual Integrations
APPROVED

MMDadoda
9/4/2018 3:03:44 PM

Quant Time: Aug 31 23:50:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 31 23:38:48 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

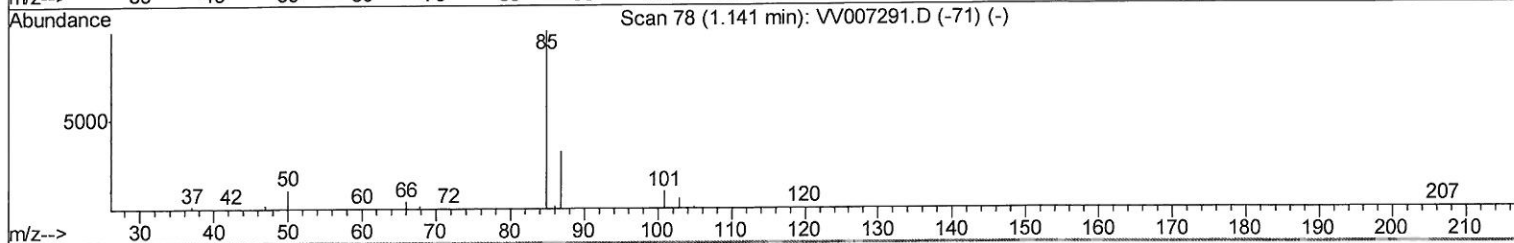
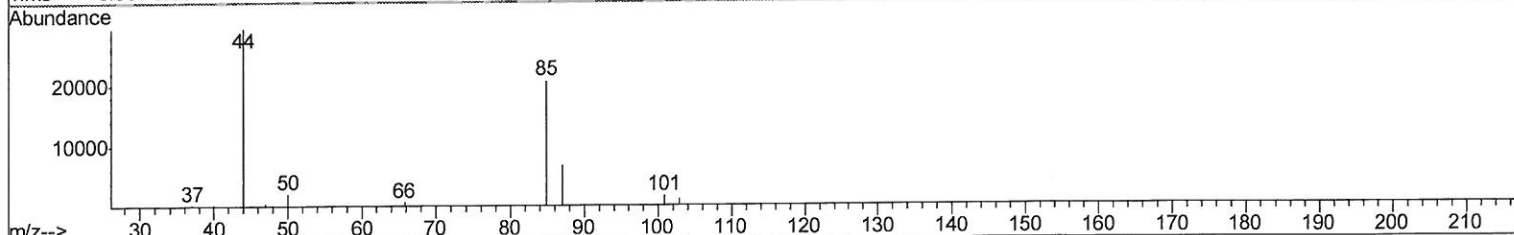
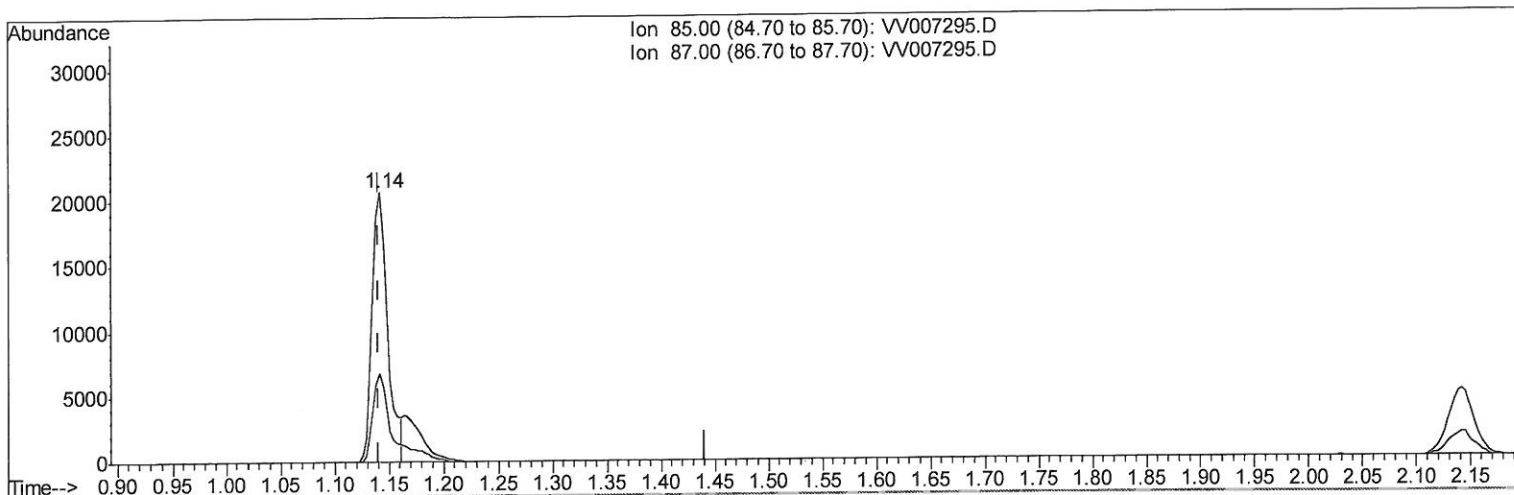
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Quant Time: Aug 31 23:40:22 2018
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 Quant Title : VOC Analysis
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TIC: VV007295.D

(2) Dichlorodifluoromethane (T)

1.141min (+0.000) 4.12ug/L

response 20201

Ion	Exp%	Act%
85.00	100	100
87.00	25.40	41.07#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

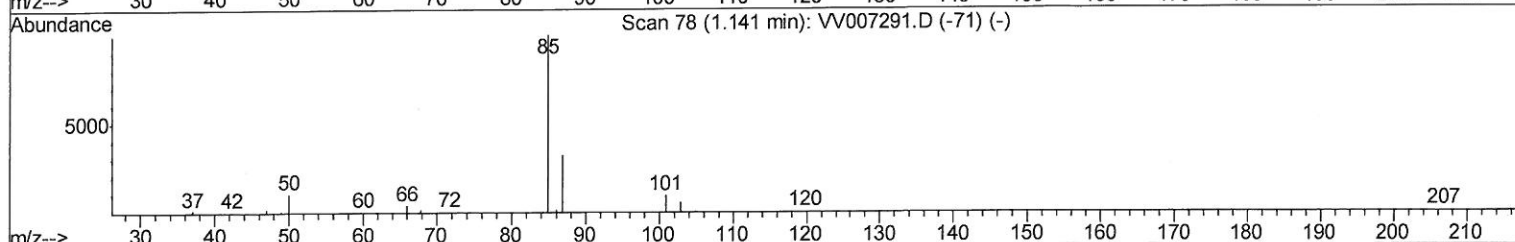
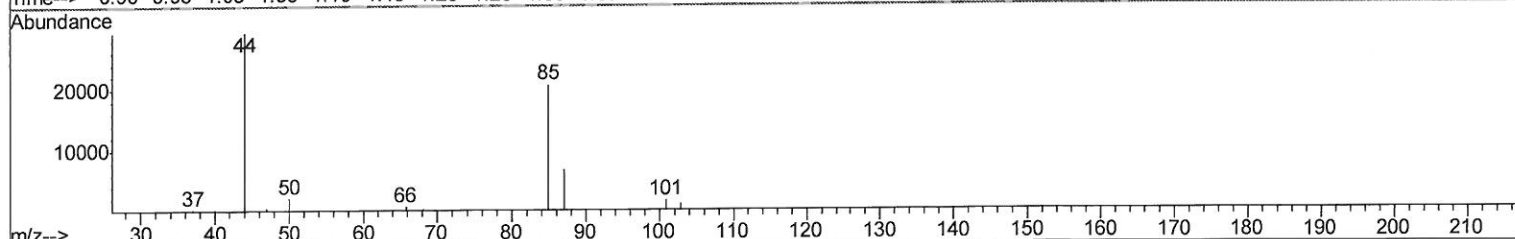
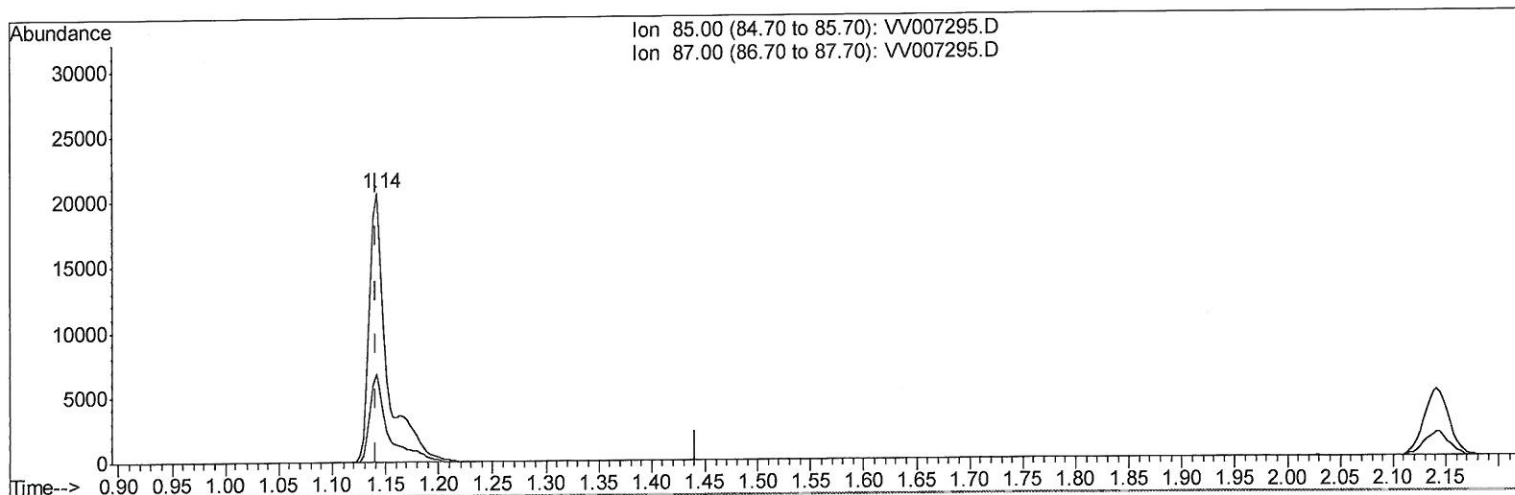
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Manual Integrations
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TIC: VV007295.D

(2) Dichlorodifluoromethane (T)

1.141min (+0.000) 5.03ug/L m

response 24633

Ion	Exp%	Act%
85.00	100	100
87.00	25.40	33.68#
0.00	0.00	0.00
0.00	0.00	0.00

Handwritten: > MD
 09/06/18

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083118\
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 MSVOA_V
 ClientSampled :
 VSTD00576

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	616499	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	572523	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	228502	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19482	4.65	ug/L	0.00
7) Chloroethane-d5	1.58	69	12515	3.84	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	36694	4.97	ug/L	0.00
21) 2-Butanone-d5	3.96	46	30939	9.75	ug/L	0.00
24) Chloroform-d	4.41	84	43427	5.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	25923	5.17	ug/L	0.00
32) Benzene-d6	5.10	84	80996	5.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	28122	5.31	ug/L	0.00
41) Toluene-d8	7.36	98	66788	4.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	11676	5.04	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	16856	9.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	36770	5.20	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	26923	5.70	ug/L	0.00

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.14	85	24633m	5.029	ug/L	99
3) Chloromethane	1.26	50	27554	4.785	ug/L	97
5) Vinyl chloride	1.32	62	24563	4.779	ug/L	98
6) Bromomethane	1.53	94	12820	7.109	ug/L	99
8) Chloroethane	1.59	64	12896	4.446	ug/L	98
9) Trichlorofluoromethane	1.77	101	31882	4.894	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	21155	5.318	ug/L	80
12) 1,1-Dichloroethene	2.14	96	19256	5.075	ug/L	100
13) Acetone	2.21	43	25897	10.630	ug/L	99
14) Carbon disulfide	2.32	76	61178	5.284	ug/L	100
15) Methyl Acetate	2.47	43	22485	5.323	ug/L	99
16) Methylene chloride	2.54	84	23522	5.456	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	20777	5.067	ug/L	99
18) Methyl tert-butyl Ether	2.82	73	62112	5.053	ug/L	97
19) 1,1-Dichloroethane	3.23	63	42199	5.068	ug/L	94
20) cis-1,2-Dichloroethene	3.97	96	22784	4.786	ug/L	99
22) 2-Butanone	4.05	43	33464	9.020	ug/L	89
23) Bromochloromethane	4.31	128	12736	5.224	ug/L	98
25) Chloroform	4.44	83	40519	4.965	ug/L	96
27) 1,2-Dichloroethane	5.19	62	29844	4.941	ug/L	97
29) Cyclohexane	4.73	56	27921	4.318	ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	33465	5.098	ug/L	100
31) Carbon tetrachloride	4.88	117	28650	5.084	ug/L	100
33) Benzene	5.15	78	83735	4.724	ug/L	94
34) Trichloroethene	5.97	95	21774	5.048	ug/L	98
35) Methylcyclohexane	6.18	83	29044	4.235	ug/L	97
37) 1,2-Dichloropropane	6.23	63	24008	5.106	ug/L	99
38) Bromodichloromethane	6.56	83	29618	5.142	ug/L	96
39) cis-1,3-Dichloropropene	7.08	75	30045	4.542	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	46066	8.359	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	77405	4.499	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	27559	4.504	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	22155	5.075	ug/L	97
46) Tetrachloroethene	8.02	164	17678	4.965	ug/L	95
48) 2-Hexanone	8.20	43	36014	8.206	ug/L	96
49) Dibromochloromethane	8.30	129	22500	5.010	ug/L	97
50) 1,2-Dibromoethane	8.40	107	21285	4.847	ug/L	97
51) Chlorobenzene	8.93	112	56846	4.887	ug/L	96
52) Ethylbenzene	9.06	91	76821	4.292	ug/L	99
53) m,p-Xylene	9.19	106	27126	3.999	ug/L	97
54) o-xylene	9.59	106	26175	4.006	ug/L	100
55) Styrene	9.61	104	42329	3.754	ug/L	97
56) Isopropylbenzene	9.98	105	63842	3.828	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	34730	4.844	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	27059	4.725	ug/L	98
61) Bromoform	9.78	173	15058	5.474	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	35584	5.144	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	37507	5.012	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	38466	5.164	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	6670	6.138	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	26453	5.187	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	19538	5.034	ug/L	99
69) Naphthalene	13.56	128	43312	3.970	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	20657	4.918	ug/L	98

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