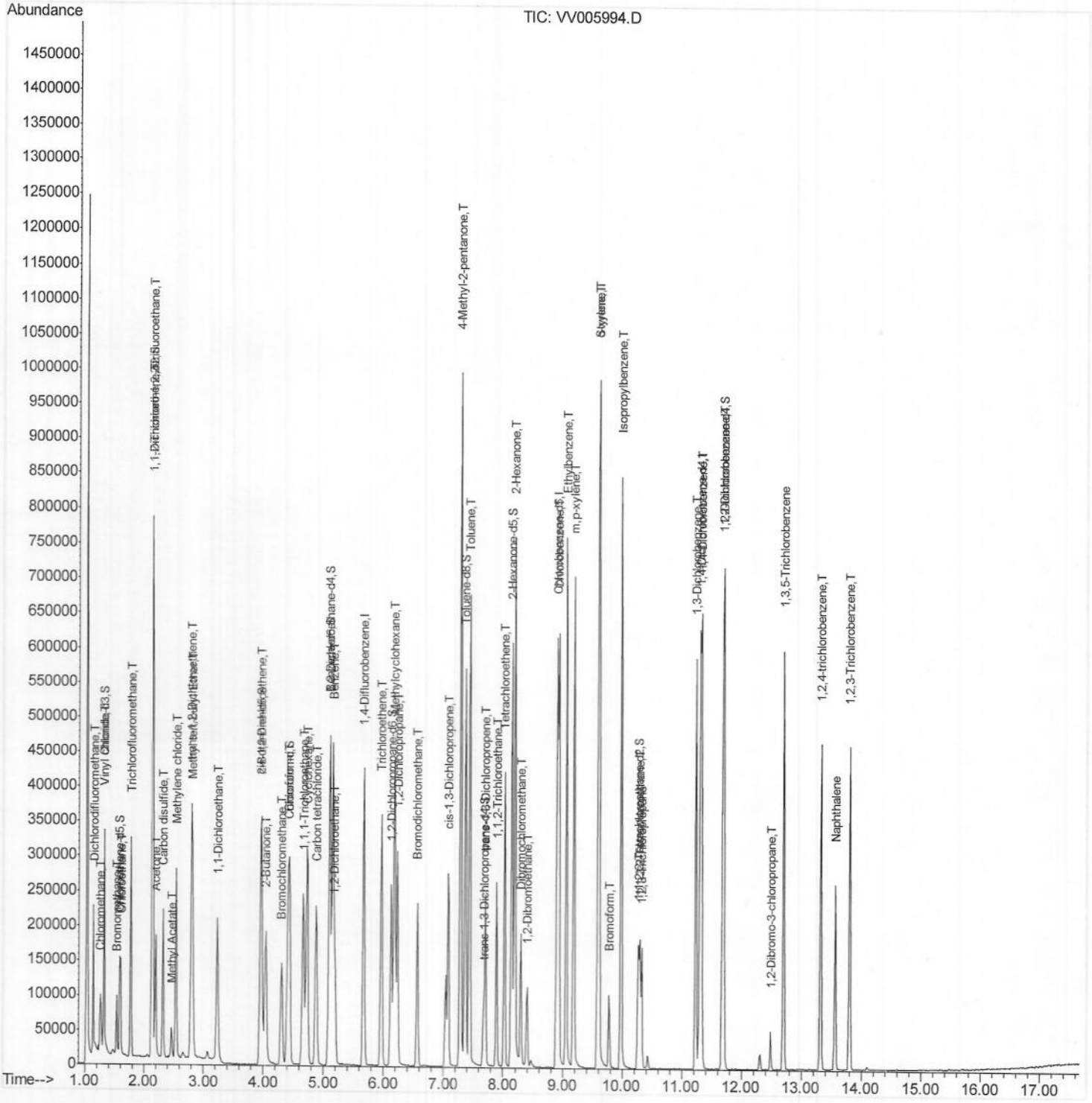
Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV052218\
Data File : VV005994.D
Acq On : 22 May 2018 17:16
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 23 01:29:54 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR051818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 23 01:12:51 2018
Response via : Initial Calibration



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Quant Time: May 23 01:14:20 2018
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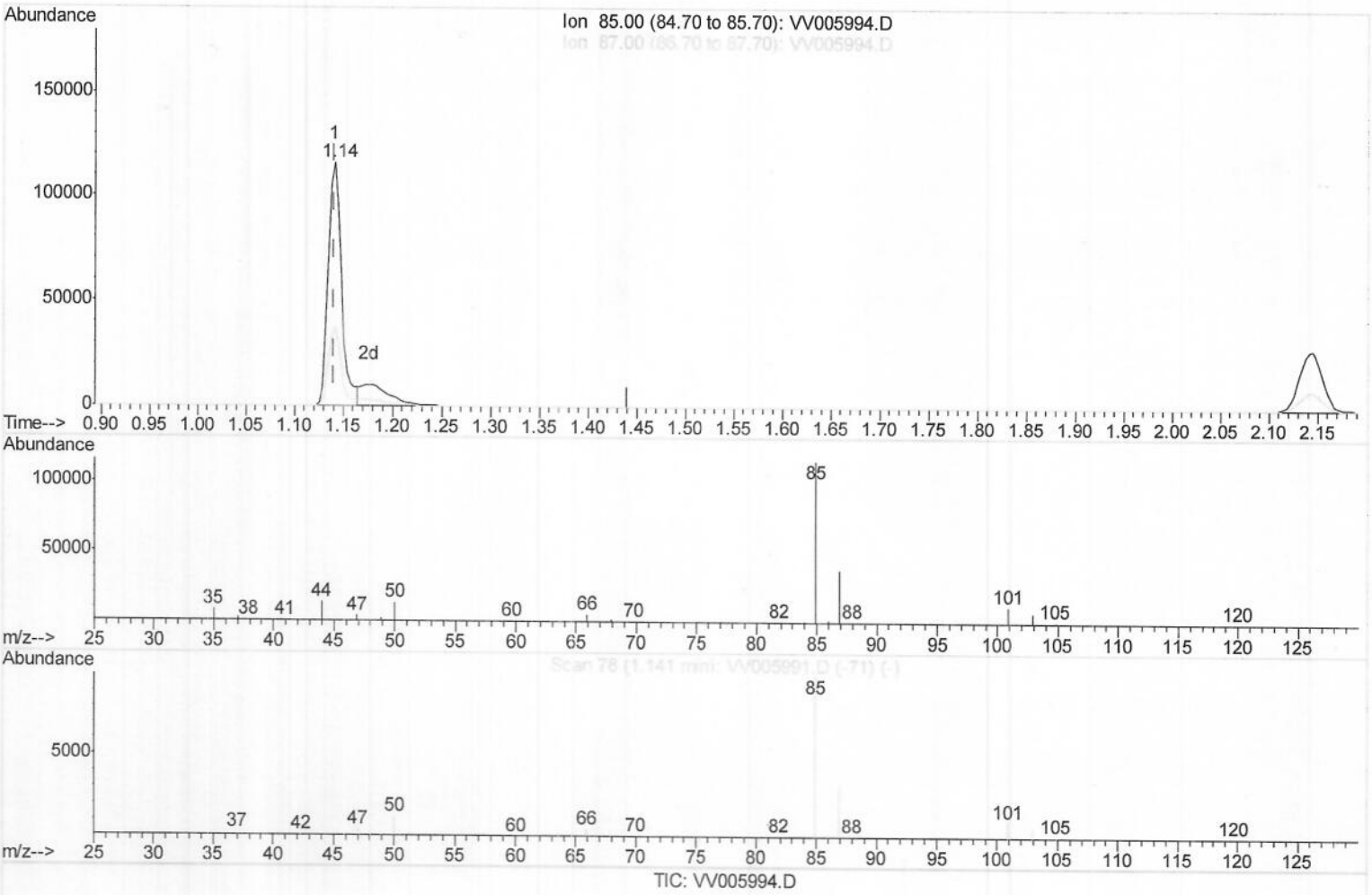

TIC: VV005994.D

(2) Dichlorodifluoromethane (T)

1.141min (-0.000) 4.44ug/L

response 107611

Ion	Exp%	Act%
85.00	100	100
87.00	33.10	31.28
0.00	0.00	0.00
0.00	0.00	0.00

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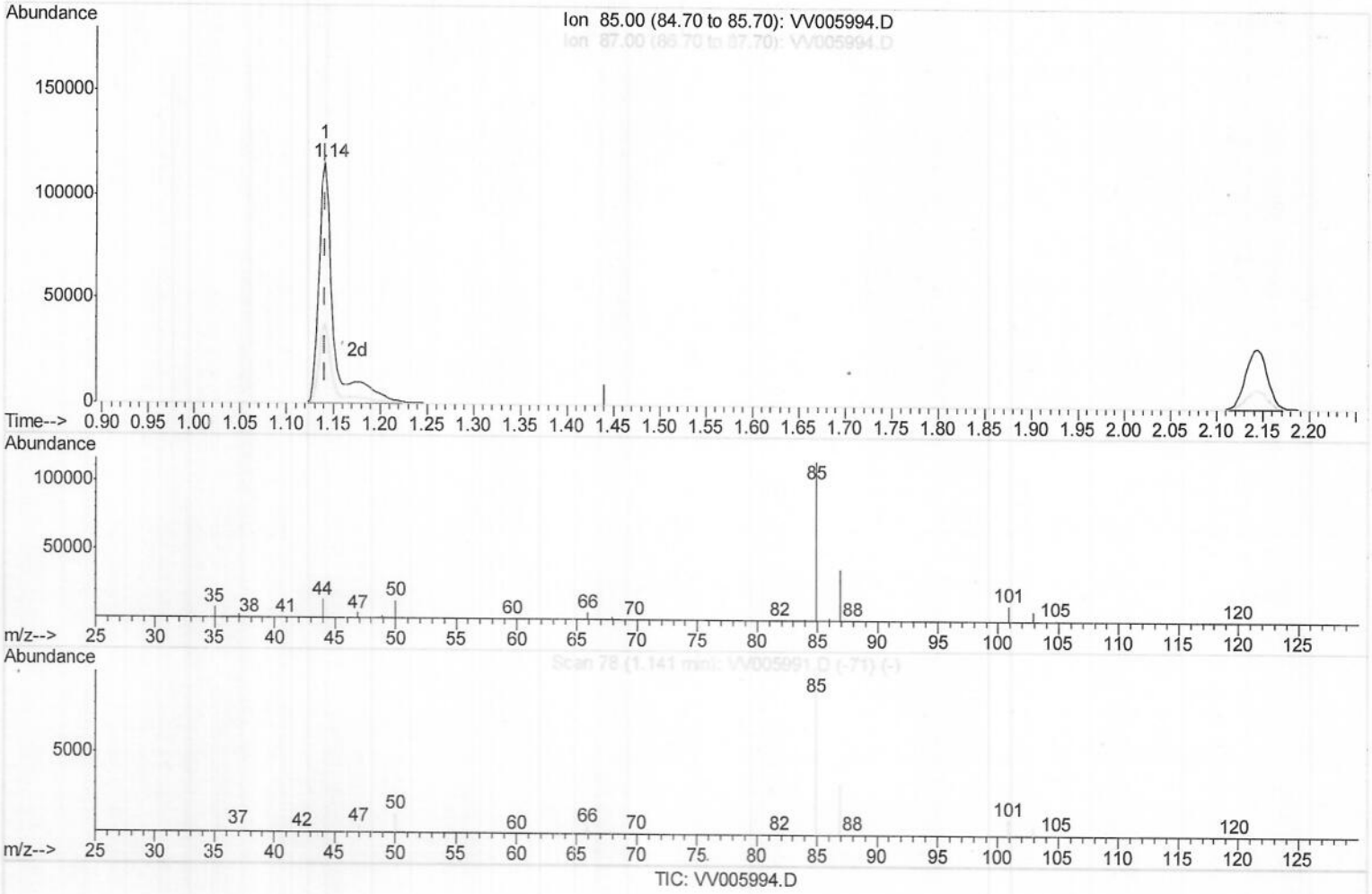

TIC: VV005994.D

(2) Dichlorodifluoromethane (T)

1.141min (-0.000) 5.33ug/L m) MD 05/28/18

response 129051

Ion	Exp%	Act%
85.00	100	100
87.00	33.10	26.09#
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	336567	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	314482	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	145520	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	100489	4.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.20%			
7) Chloroethane-d5	1.58	69	80967	4.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.80%			
11) 1,1-Dichloroethene-d2	2.13	63	197333	4.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.20%			
20) 2-Butanone-d5	3.95	46	252552	51.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.60%			
24) Chloroform-d	4.41	84	204203	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.09	65	106328	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.10	84	383363	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
36) 1,2-Dichloropropane-d6	6.12	67	119004	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.36	98	356688	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
43) trans-1,3-Dichloropropene-	7.67	79	44507	4.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.60%			
46) 2-Hexanone-d5	8.14	63	197903	50.33	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.66%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78933	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	122528	4.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	129051m	5.33	ug/L	
3) Chloromethane	1.26	50	103485	4.84	ug/L	97
5) Vinyl chloride	1.32	62	115446	5.03	ug/L	98
6) Bromomethane	1.53	94	36610	4.80	ug/L	97
8) Chloroethane	1.60	64	72864	4.69	ug/L	99
9) Trichlorofluoromethane	1.77	101	179067	5.06	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	103568	5.07	ug/L	97
12) 1,1-Dichloroethene	2.14	96	88904	4.94	ug/L	87
13) Acetone	2.20	43	164400	51.29	ug/L	100
14) Carbon disulfide	2.32	76	225267	4.72	ug/L	99
15) Methyl Acetate	2.47	43	44788	5.20	ug/L	99
16) Methylene chloride	2.54	84	101662	4.67	ug/L	93
17) Methyl tert-butyl Ether	2.82	73	243345	4.93	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	95955	4.84	ug/L	100
19) 1,1-Dichloroethane	3.23	63	201805	5.17	ug/L	99
21) 2-Butanone	4.04	43	274109	51.56	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	119325	5.09	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	46959	5.00 ug/L	98
25) Chloroform	4.43	83	218759	4.81 ug/L	100
27) 1,2-Dichloroethane	5.19	62	132556	4.95 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	189621	4.99 ug/L	99
30) Cyclohexane	4.73	56	156315	4.76 ug/L	98
31) Carbon tetrachloride	4.88	117	167472	5.12 ug/L	99
33) Benzene	5.15	78	433439	5.02 ug/L	100
34) Trichloroethene	5.96	95	122378	4.98 ug/L	98
35) Methylcyclohexane	6.18	83	167564	4.89 ug/L	99
37) 1,2-Dichloropropane	6.23	63	113175	5.05 ug/L	100
38) Bromodichloromethane	6.56	83	147792	5.17 ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	152856	4.97 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	644886	49.90 ug/L	99
42) Toluene	7.44	91	472253	5.18 ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	129155	5.16 ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	79284	5.16 ug/L	98
47) Tetrachloroethene	8.02	164	85994	4.96 ug/L	95
48) 2-Hexanone	8.19	43	476038	51.66 ug/L	99
49) Dibromochloromethane	8.30	129	91910	5.14 ug/L	96
50) 1,2-Dibromoethane	8.40	107	69210	4.96 ug/L	97
51) Chlorobenzene	8.93	112	307899	5.02 ug/L	99
52) Ethylbenzene	9.06	91	514227	5.03 ug/L	99
53) m,p-xylene	9.19	106	195034	5.22 ug/L	98
54) o-xylene	9.59	106	187576	5.13 ug/L	94
55) Styrene	9.61	104	323078	5.31 ug/L	96
56) Isopropylbenzene	9.98	105	517126	5.15 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	81876	4.73 ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	69356	5.09 ug/L	99
61) Bromoform	9.78	173	44023	5.04 ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	227927	5.01 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	228804	4.92 ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	223510	5.08 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	12606	4.84 ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	170596	5.04 ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	130003	5.06 ug/L	99
69) Naphthalene	13.56	128	204526	5.10 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	127549	5.22 ug/L	99

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