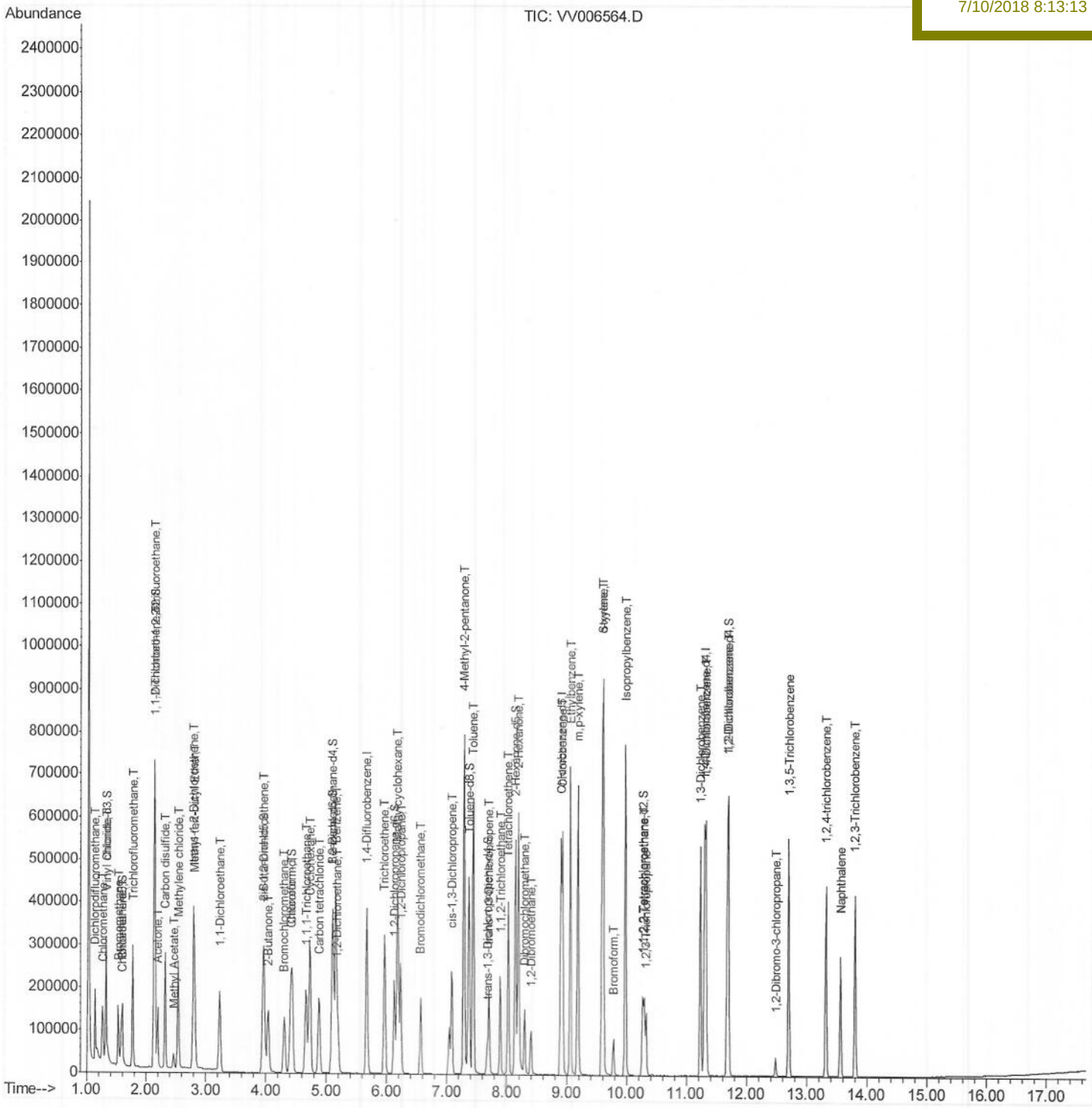
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070918\
Data File : VV006564.D
Acq On : 09 Jul 2018 18:19
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 09 23:09:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 09 22:52:57 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD00568

Manual Integrations APPROVED
apatel
7/10/2018 8:13:13 PM



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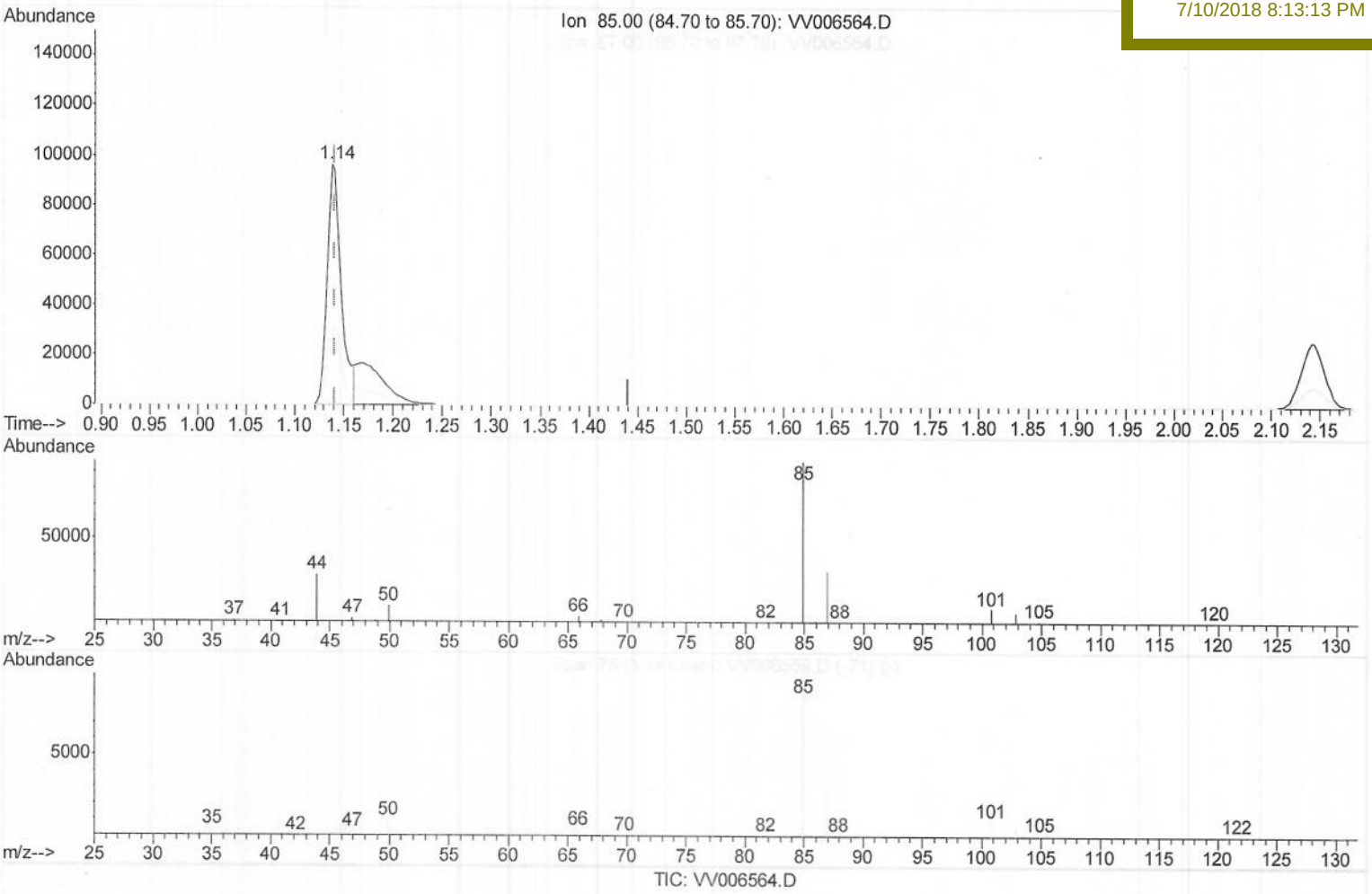

TIC: VV006564.D

(2) Dichlorodifluoromethane (T)

1.138min (-0.003) 3.59ug/L

response 97706

Ion	Exp%	Act%
85.00	100	100
87.00	32.10	32.46
0.00	0.00	0.00
0.00	0.00	0.00

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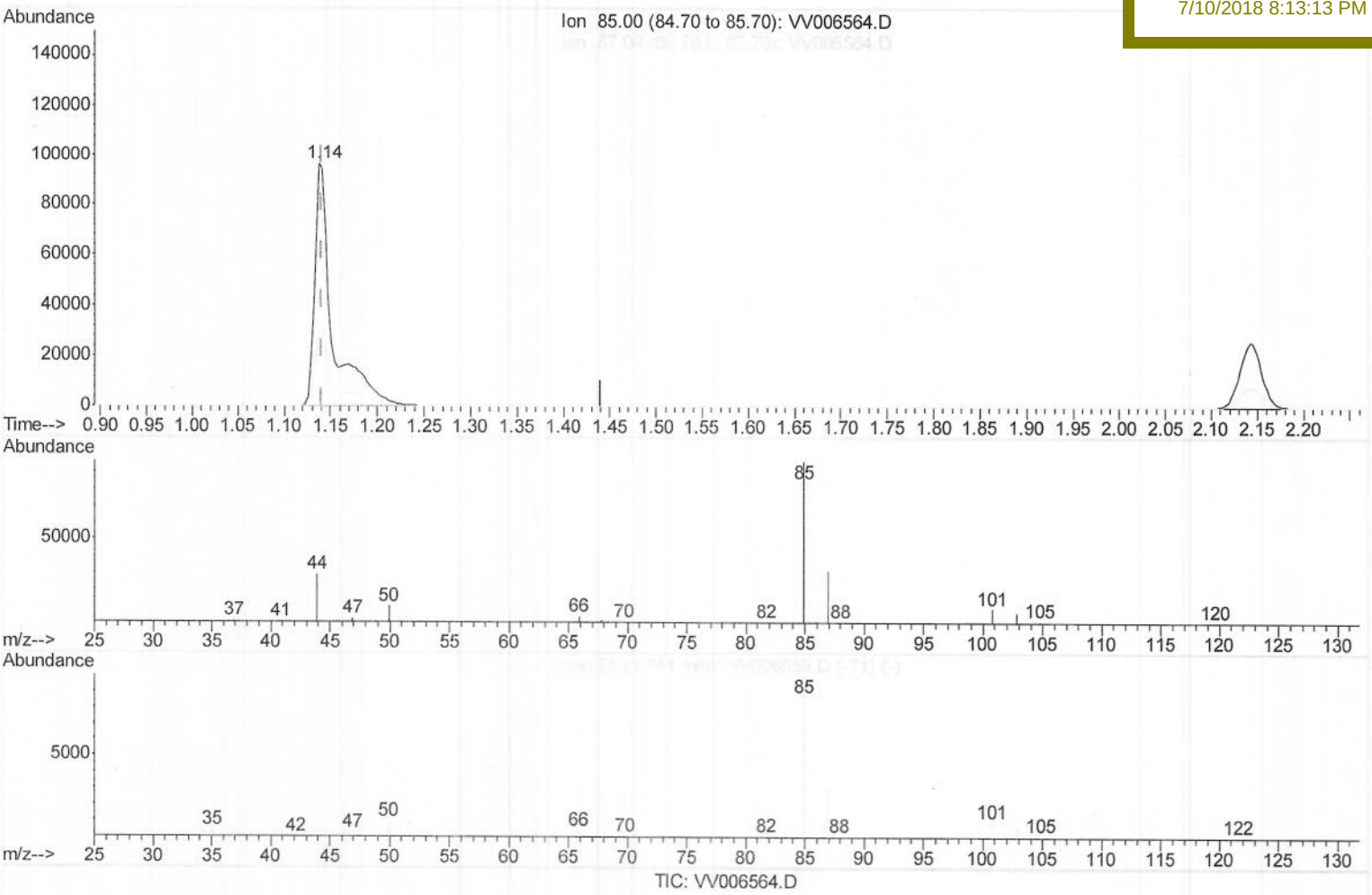

TIC: VV006564.D

(2) Dichlorodifluoromethane (T)

1.138min (-0.003) 4.80ug/L m

response 130621

MD 07/11/18

Ion	Exp%	Act%
85.00	100	100
87.00	32.10	24.28#
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	347312	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	317050	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	153150	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	84092	4.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.00%			
7) Chloroethane-d5	1.58	69	74986	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.00%			
11) 1,1-Dichloroethene-d2	2.13	63	159828	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.00%			
20) 2-Butanone-d5	3.95	46	217653	45.38	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.76%			
24) Chloroform-d	4.41	84	176336	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.09	65	79848	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	5.10	84	349623	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.12	67	111724	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.37	98	317213	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
43) trans-1,3-Dichloropropene-	7.67	79	38472	4.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.80%			
46) 2-Hexanone-d5	8.14	63	207626	51.68	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.36%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	86391	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	129617	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	130621m	4.795	ug/L	
3) Chloromethane	1.27	50	146472	4.396	ug/L	99
5) Vinyl chloride	1.32	62	143527	4.642	ug/L	99
6) Bromomethane	1.53	94	68351	4.769	ug/L	100
8) Chloroethane	1.60	64	84384	4.496	ug/L	100
9) Trichlorofluoromethane	1.77	101	167776	4.822	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	104418	4.858	ug/L	100
12) 1,1-Dichloroethene	2.14	96	101849	4.684	ug/L	91
13) Acetone	2.19	43	124318	40.983	ug/L	100
14) Carbon disulfide	2.32	76	302367	4.649	ug/L	100
15) Methyl Acetate	2.46	43	36670	4.107	ug/L	99
16) Methylene chloride	2.54	84	107483	4.384	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	230628	4.477	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	112225	4.730	ug/L	97
19) 1,1-Dichloroethane	3.23	63	193185	4.692	ug/L	99
21) 2-Butanone	4.04	43	212607	42.717	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	119280	4.680	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	49204	4.713 ug/L	99
25) Chloroform	4.43	83	190858	4.660 ug/L	100
27) 1,2-Dichloroethane	5.19	62	104962	4.513 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	158272	4.765 ug/L	99
30) Cyclohexane	4.73	56	171534	4.853 ug/L	99
31) Carbon tetrachloride	4.88	117	133901	4.818 ug/L	99
33) Benzene	5.15	78	449600	4.751 ug/L	100
34) Trichloroethene	5.96	95	113775	4.688 ug/L	99
35) Methylcyclohexane	6.18	83	192547	4.926 ug/L	99
37) 1,2-Dichloropropane	6.23	63	107596	4.649 ug/L	99
38) Bromodichloromethane	6.56	83	118747	4.550 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	147471	4.747 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	510902	43.548 ug/L	100
42) Toluene	7.44	91	476198	4.838 ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	112704	4.700 ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	73217	4.521 ug/L	98
47) Tetrachloroethene	8.02	164	96626	4.841 ug/L	97
48) 2-Hexanone	8.19	43	363343	43.678 ug/L	99
49) Dibromochloromethane	8.30	129	76455	4.527 ug/L	98
50) 1,2-Dibromoethane	8.40	107	66107	4.484 ug/L	97
51) Chlorobenzene	8.93	112	306554	4.761 ug/L	100
52) Ethylbenzene	9.06	91	516550	4.939 ug/L	99
53) m,p-xylene	9.19	106	200170	4.968 ug/L	98
54) o-xylene	9.59	106	194065	4.921 ug/L	99
55) Styrene	9.61	104	327882	4.944 ug/L	100
56) Isopropylbenzene	9.98	105	509752	5.040 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	86306	4.517 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	61469	4.463 ug/L	99
61) Bromoform	9.78	173	39148	4.462 ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	231267	4.788 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	234616	4.778 ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	220962	4.735 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10604	4.253 ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	184048	4.810 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	143518	4.714 ug/L	100
69) Naphthalene	13.56	128	229374	4.437 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	133790	4.687 ug/L	99

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