

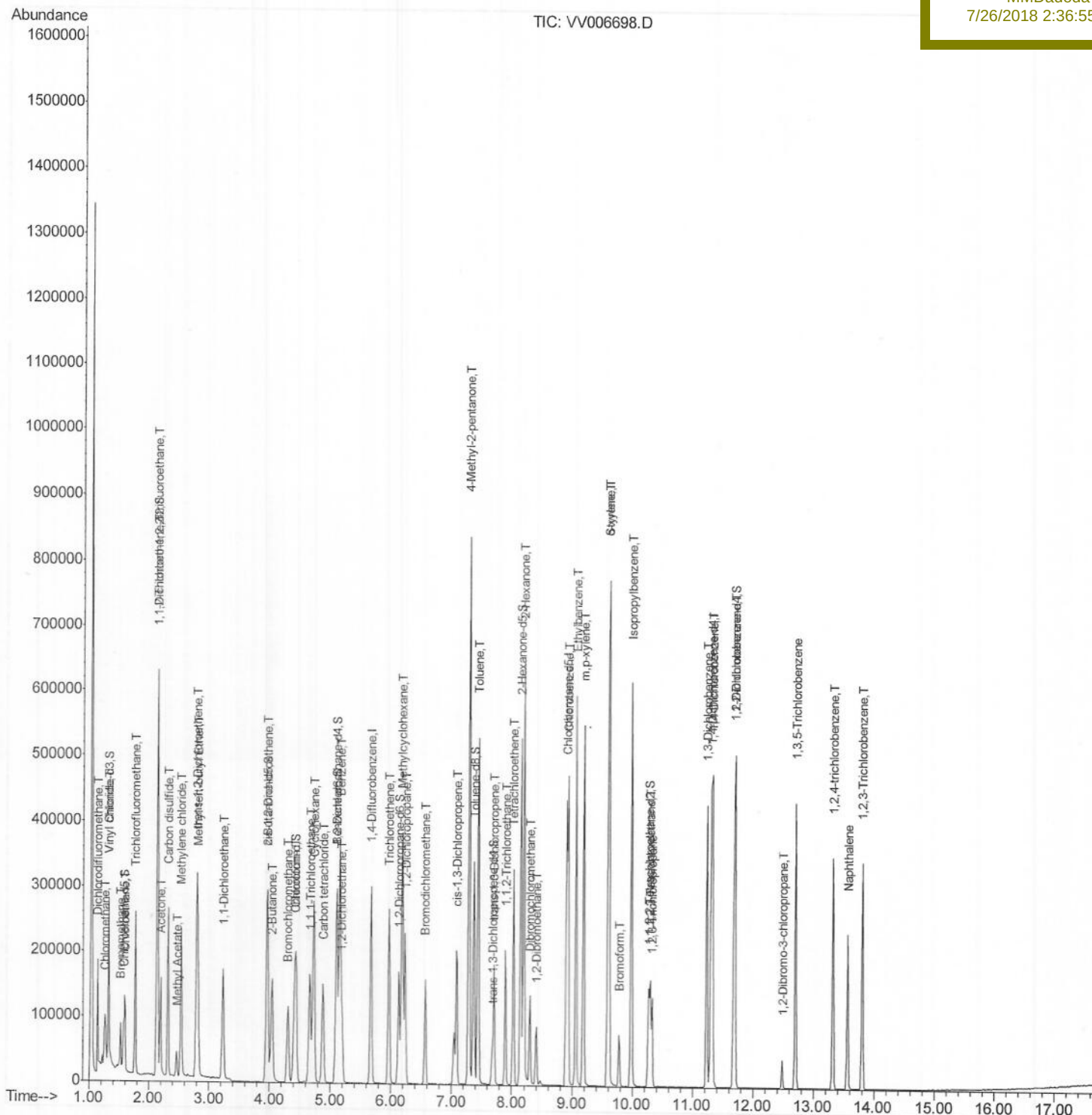
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072318\
Data File : VV006698.D
Acq On : 23 Jul 2018 14:12
Operator : SY/MD
Sample : VSTD00577
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 24 02:15:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 24 02:05:01 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD00577

Manual Integrations

MMDadoda
7/26/2018 2:36:55 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072318\

Data File : VV006698.D

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Operator : SY/MD

Sample : VSTD00577

Misc : 25 mL/MSVOA_V/WATER

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Quant Time: Jul 24 02:05:46 2018

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Quant Title : TRACE VOA SOM01.0

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Instrument :

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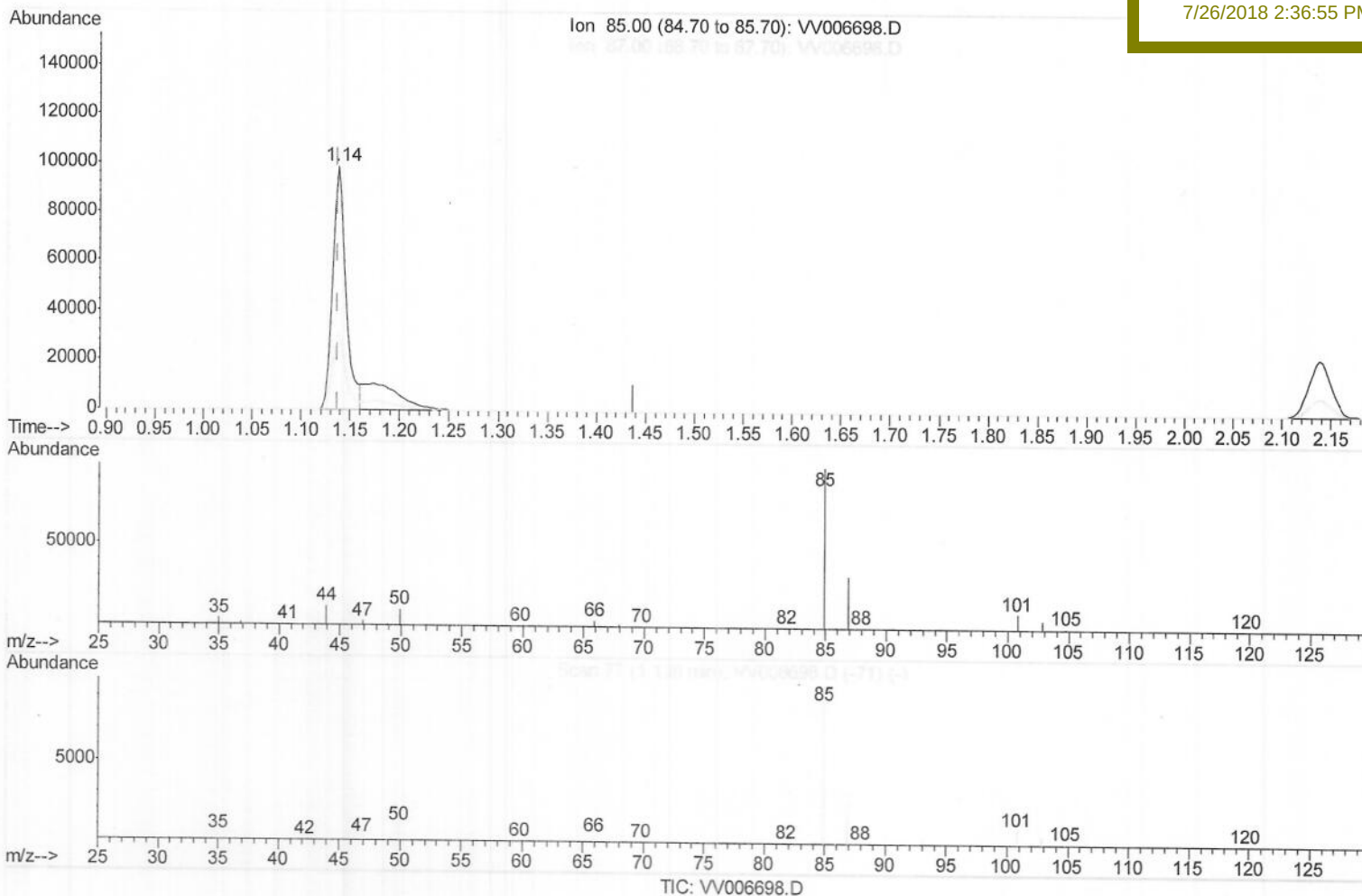
VSTD00577

Manual Integrations

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7/26/2018 2:36:55 PM



(2) Dichlorodifluoromethane (T)

1.138min (0.000) 4.54ug/L

response 92892

Ion	Exp%	Act%
85.00	100	100
87.00	24.90	32.18#
0.00	0.00	0.00
0.00	0.00	0.00

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Client Sampled :

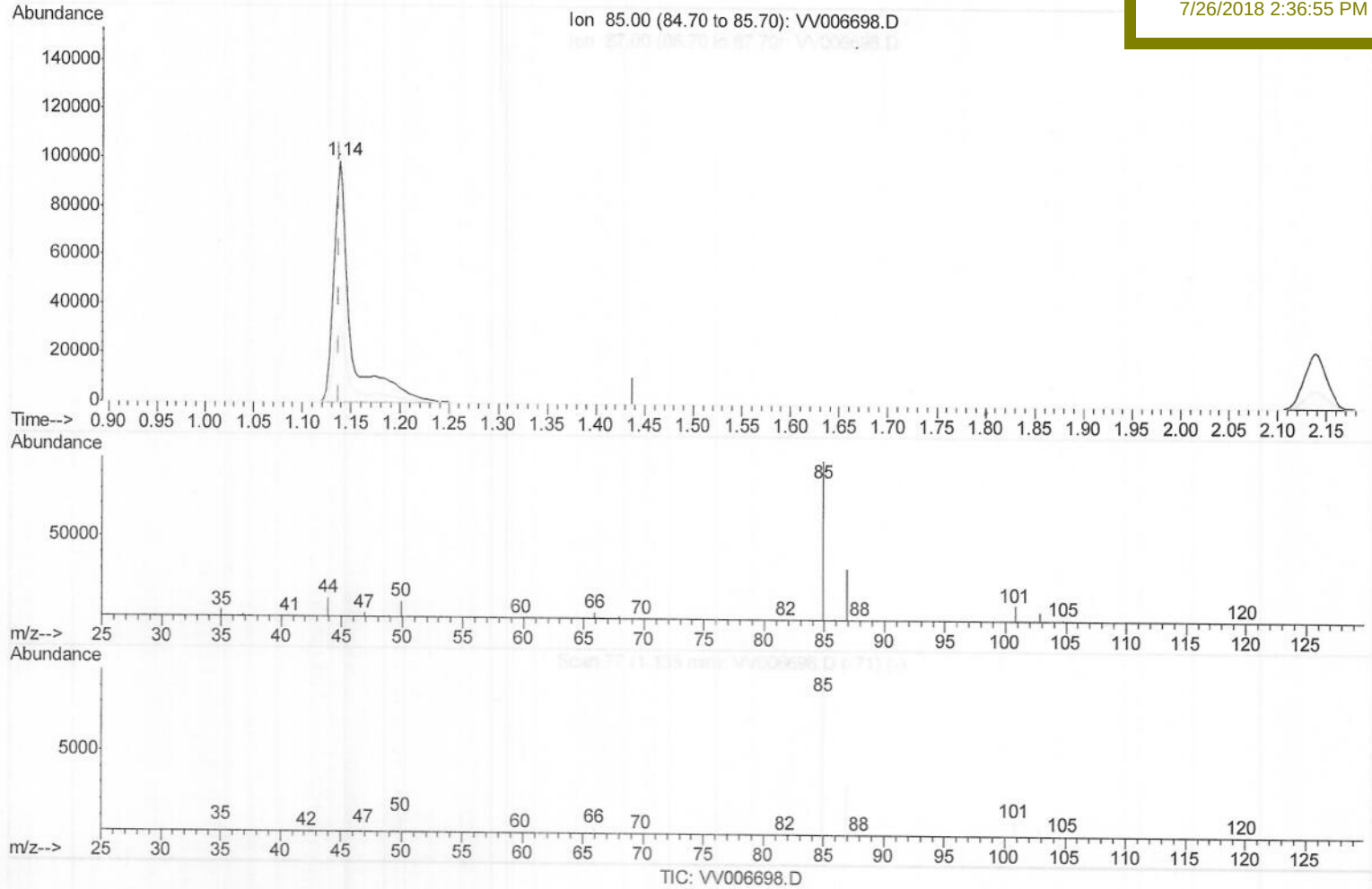
VSTD00577

Manual Integrations

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7/26/2018 2:36:55 PM



(2) Dichlorodifluoromethane (T)

1.138min (0.000) 5.88ug/L m

MD 08/07/18

response 120138

Ion	Exp%	Act%
85.00	100	100
87.00	24.90	24.88
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations
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 7/26/2018 2:36:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	257232	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	239689	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67922	5.07	ug/L	0.00
7) Chloroethane-d5	1.58	69	52386	4.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	134621	5.13	ug/L	0.00
20) 2-Butanone-d5	3.95	46	222083	53.09	ug/L	0.00
24) Chloroform-d	4.41	84	131277	5.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	63416	5.18	ug/L	0.00
32) Benzene-d6	5.10	84	254185	5.16	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	84437	5.07	ug/L	0.00
41) Toluene-d8	7.37	98	225867	5.24	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	28248	5.20	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	188668	54.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	70778	5.21	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	86732	5.12	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	120138m)	5.877 ug/L	100
3) Chloromethane	1.26	50	101934	5.187 ug/L	100
5) Vinyl chloride	1.32	62	125728	5.107 ug/L	100
6) Bromomethane	1.52	94	28539	4.737 ug/L	100
8) Chloroethane	1.59	64	66523	4.938 ug/L	100
9) Trichlorofluoromethane	1.77	101	144647	5.122 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	89773	5.217 ug/L	100
12) 1,1-Dichloroethene	2.14	96	85776	5.090 ug/L	100
13) Acetone	2.19	43	135548	50.930 ug/L	100
14) Carbon disulfide	2.32	76	285873	5.045 ug/L	100
15) Methyl Acetate	2.46	43	39708	5.033 ug/L	100
16) Methylene chloride	2.54	84	92461	4.786 ug/L	100
17) Methyl tert-butyl Ether	2.81	73	209718	5.073 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	92363	5.046 ug/L	100
19) 1,1-Dichloroethane	3.23	63	171428	5.091 ug/L	100
21) 2-Butanone	4.04	43	226059	50.711 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	97381	5.102 ug/L	100
23) Bromochloromethane	4.30	128	40356	5.138 ug/L	100
25) Chloroform	4.43	83	158976	5.032 ug/L	100
27) 1,2-Dichloroethane	5.19	62	95946	5.176 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	131538	5.101 ug/L	100
30) Cyclohexane	4.72	56	147487	5.108 ug/L	100
31) Carbon tetrachloride	4.88	117	113145	5.133 ug/L	100
33) Benzene	5.15	78	370947	5.148 ug/L	100
34) Trichloroethene	5.96	95	92987	5.112 ug/L	100
35) Methylcyclohexane	6.18	83	157755	5.192 ug/L	100
37) 1,2-Dichloropropane	6.23	63	94721	5.121 ug/L	100
38) Bromodichloromethane	6.56	83	106034	5.132 ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	123386	5.121 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	538339	52.942 ug/L	100

MP 08/07/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	387079	5.217	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	98629	5.206	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	64911	5.210	ug/L	100
47) Tetrachloroethene	8.02	164	75462	5.223	ug/L	100
48) 2-Hexanone	8.19	43	381502	53.769	ug/L	100
49) Dibromochloromethane	8.30	129	68341	5.183	ug/L	100
50) 1,2-Dibromoethane	8.40	107	57795	5.191	ug/L	100
51) Chlorobenzene	8.93	112	246982	5.117	ug/L	100
52) Ethylbenzene	9.06	91	411434	5.202	ug/L	100
53) m,p-xylene	9.19	106	157220	5.265	ug/L	100
54) o-xylene	9.59	106	153798	5.287	ug/L	100
55) Styrene	9.61	104	265032	5.402	ug/L	100
56) Isopropylbenzene	9.98	105	398448	5.275	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	77959	5.116	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	56048	5.148	ug/L	100
61) Bromoform	9.78	173	34783	5.038	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	180113	5.129	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	183146	5.117	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	177210	5.180	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	10813	5.282	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	138048	5.149	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	110111	5.170	ug/L	100
69) Naphthalene	13.56	128	188345	5.168	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	107180	5.317	ug/L	100

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