

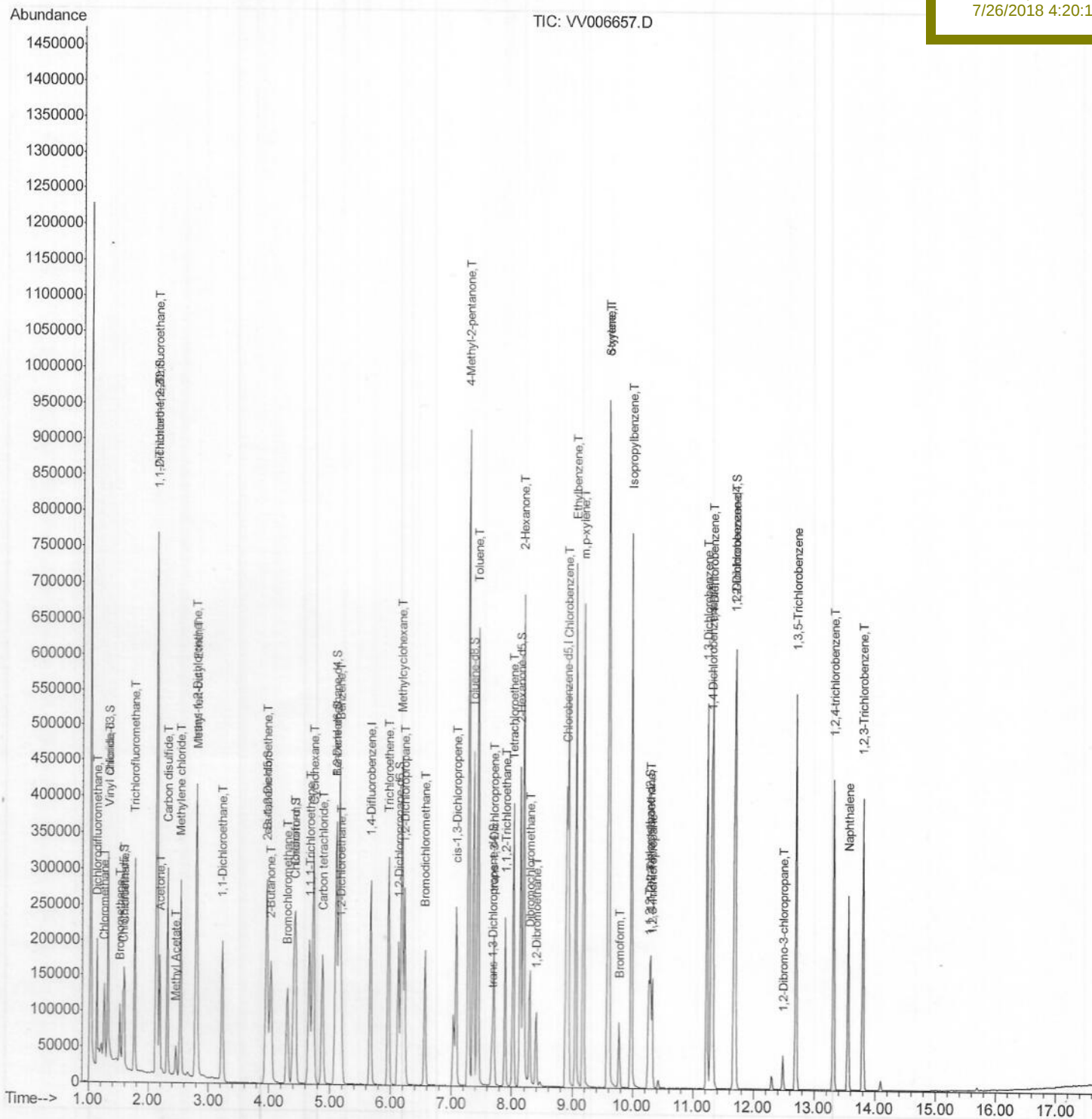
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
Data File : VV006657.D
Acq On : 20 Jul 2018 10:01
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 26 02:03:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Jul 22 23:06:02 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD00571

Manual Integrations
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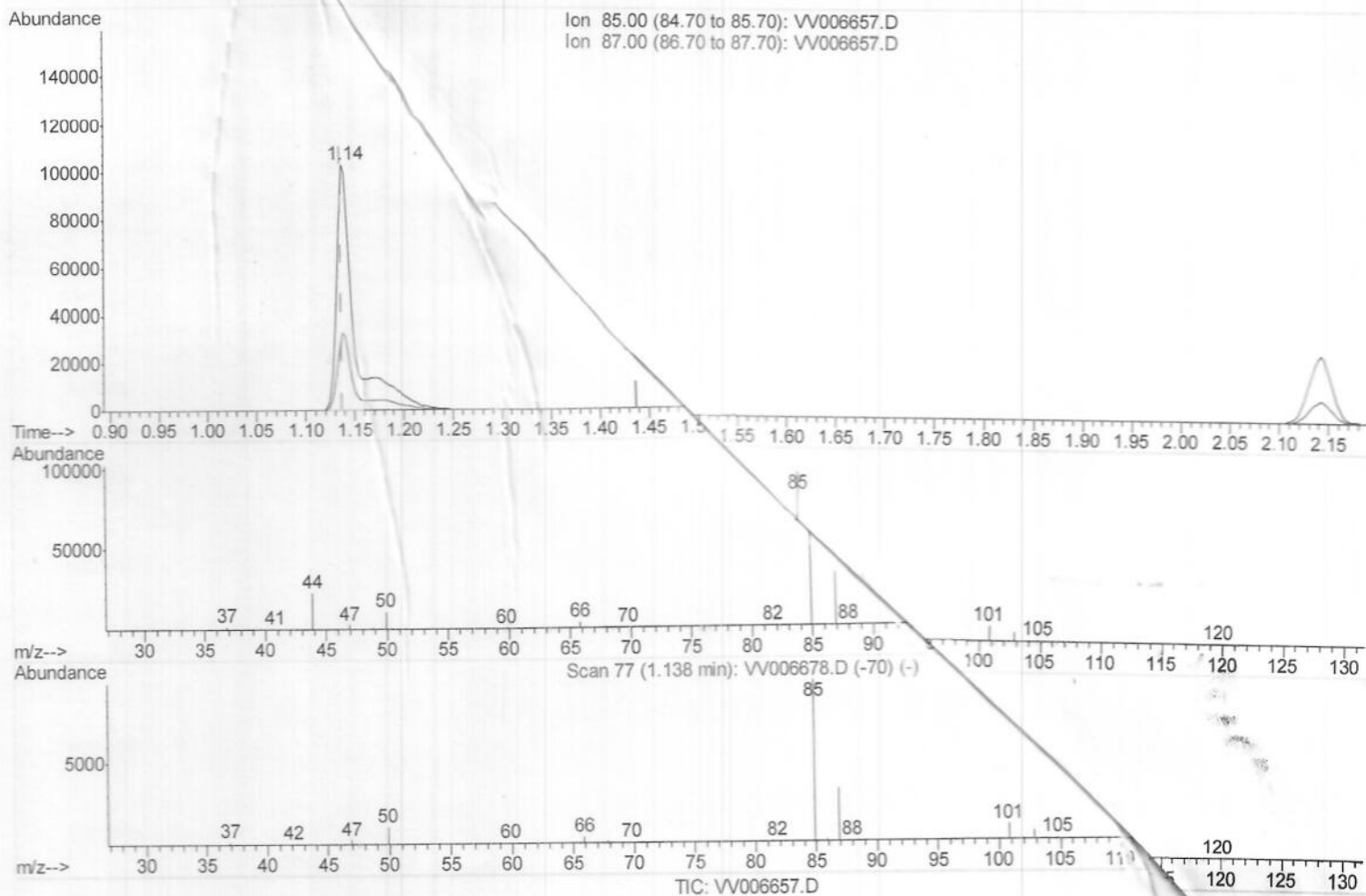
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(2) Dichlorodifluoromethane (T)

1.138min (-0.000) 4.25ug/L

response 100210

Ion	Exp%	Act%
85.00	100	100
87.00	24.30	32.30#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

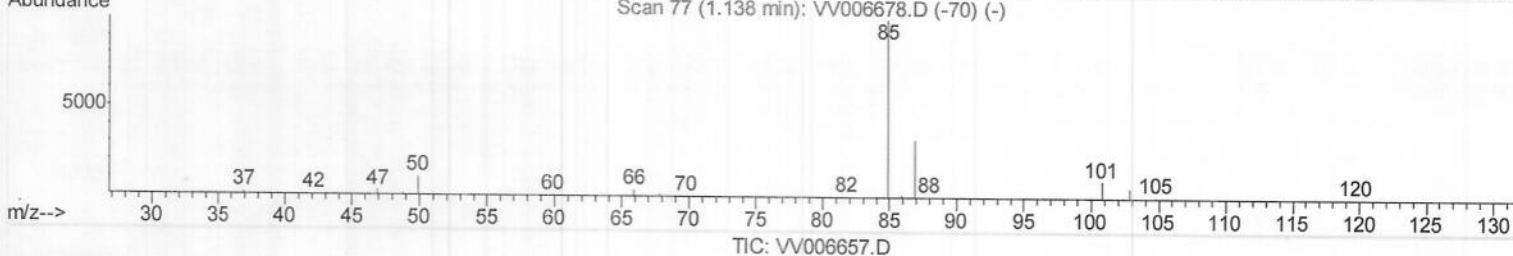
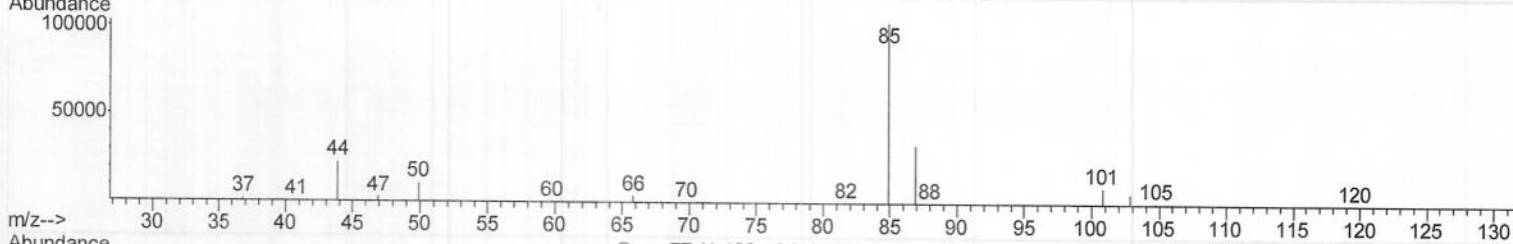
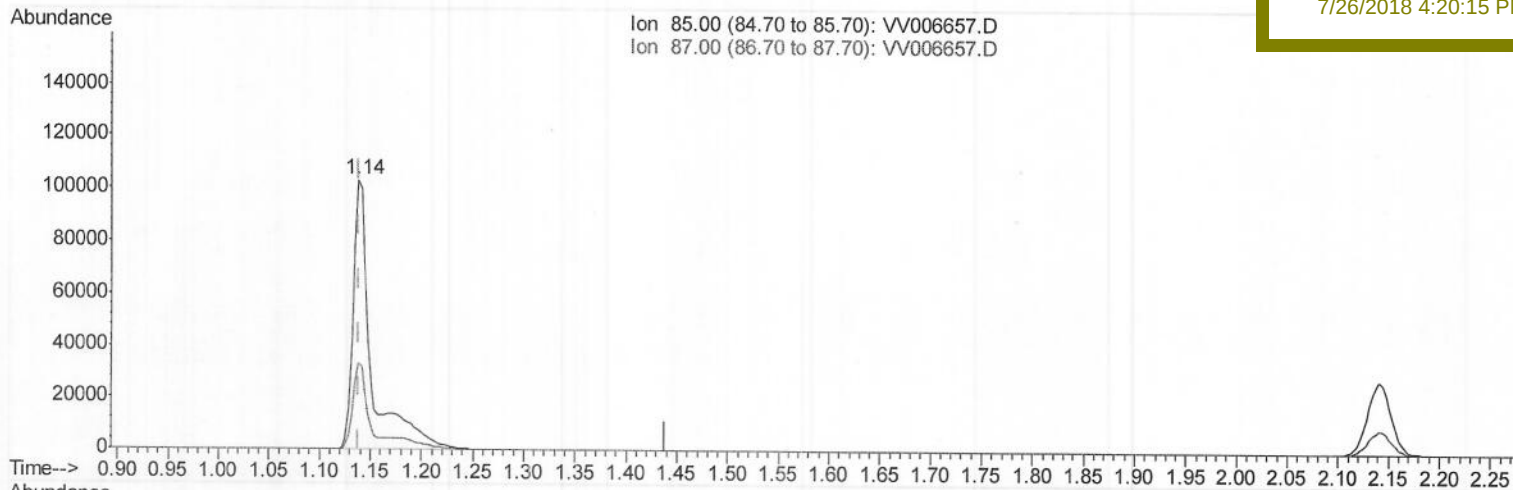
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(2) Dichlorodifluoromethane (T)

1.138min (-0.000) 5.59ug/L m

response 131772

MP
 07/28/18

Ion	Exp%	Act%
85.00	100	100
87.00	24.30	24.56
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	247826	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110295	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85979	4.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	98.80%		
7) Chloroethane-d5	1.58	69	65098	5.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	111.00%		
11) 1,1-Dichloroethene-d2	2.13	63	174364	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	104.20%		
20) 2-Butanone-d5	3.95	46	125158	33.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	66.26%		
24) Chloroform-d	4.40	84	152972	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	103.60%		
26) 1,2-Dichloroethane-d4	5.09	65	70973	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	102.60%		
32) Benzene-c6	5.10	84	325518	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	105.60%		
36) 1,2-Dichloropropane-d6	6.12	67	101366	5.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	106.00%		
41) Toluene-d8	7.36	98	307406	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	107.20%		
43) trans-1,3-Dichloropropene-	7.67	79	34113	5.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	105.20%		
46) 2-Hexanone-d5	8.14	63	151982	47.01	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	94.02%		
57) 1,1,2,2-Tetrachloroethane-	10.27	84	70780	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	101.80%		
64) 1,2-Dichlorobenzene-d4	11.68	152	104845	5.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	105.60%		

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.14	85	131772m)	5.592	ug/L	98
3) Chloromethane	1.26	50	107614	5.400	ug/L	92
5) Vinyl chloride	1.32	62	137403	5.339	ug/L	95
6) Bromomethane	1.52	94	36453	4.995	ug/L	100
8) Chloroethane	1.59	64	80835	5.467	ug/L	100
9) Trichlorofluoromethane	1.77	101	173627	5.621	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	109499	5.656	ug/L	95
12) 1,1-Dichloroethene	2.14	96	101148	5.513	ug/L	98
13) Acetone	2.19	43	147261	50.832	ug/L	100
14) Carbon disulfide	2.32	76	327354	5.502	ug/L	99
15) Methyl Acetate	2.46	43	42602	5.012	ug/L	99
16) Methylene chloride	2.54	84	112112	4.857	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	240542	5.311	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	110899	5.484	ug/L	100
19) 1,1-Dichloroethane	3.23	63	202925	5.684	ug/L	98
21) 2-Butanone	4.03	43	253498	52.244	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	117417	5.546	ug/L	

MD
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	47256	5.482	ug/L	99
25) Chloroform	4.43	83	196295	5.706	ug/L	98
27) 1,2-Dichloroethane	5.19	62	110852	5.515	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	160030	5.643	ug/L	100
30) Cyclohexane	4.72	56	177837	5.609	ug/L	99
31) Carbon tetrachloride	4.88	117	136433	5.624	ug/L	100
33) Benzene	5.15	78	451900	5.662	ug/L	100
34) Trichloroethene	5.96	95	110547	5.474	ug/L	98
35) Methylcyclohexane	6.18	83	191484	5.681	ug/L	98
37) 1,2-Dichloropropane	6.22	63	114891	5.643	ug/L	100
38) Bromodichloromethane	6.58	83	124419	5.501	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	149842	5.596	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	574604	52.203	ug/L	99
42) Toluene	7.43	91	471287	5.713	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	113823	5.468	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	73730	5.382	ug/L	98
47) Tetrachloroethene	8.02	164	91445	5.638	ug/L	98
48) 2-Hexanone	8.19	43	410131	53.302	ug/L	99
49) Dibromochloromethane	8.30	129	87909	5.574	ug/L	100
50) 1,2-Dibromoethane	8.40	107	65758	5.311	ug/L	100
51) Chlorobenzene	8.93	112	300641	5.608	ug/L	98
52) Ethylbenzene	9.06	91	508247	5.739	ug/L	100
53) m,p-xylene	9.19	106	197173	5.855	ug/L	98
54) o-xylene	9.59	106	190608	5.802	ug/L	97
55) Styrene	9.61	104	323699	5.885	ug/L	99
56) Isopropylbenzene	9.98	105	501656	5.820	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	88925	5.412	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	63047	5.251	ug/L	100
61) Bromoform	9.78	173	39923	5.237	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	223926	5.574	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	225922	5.535	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	214104	5.559	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11864	5.191	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	176652	5.689	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	136817	5.554	ug/L	99
69) Naphthalene	13.56	128	218781	5.131	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	127741	5.505	ug/L	99

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