

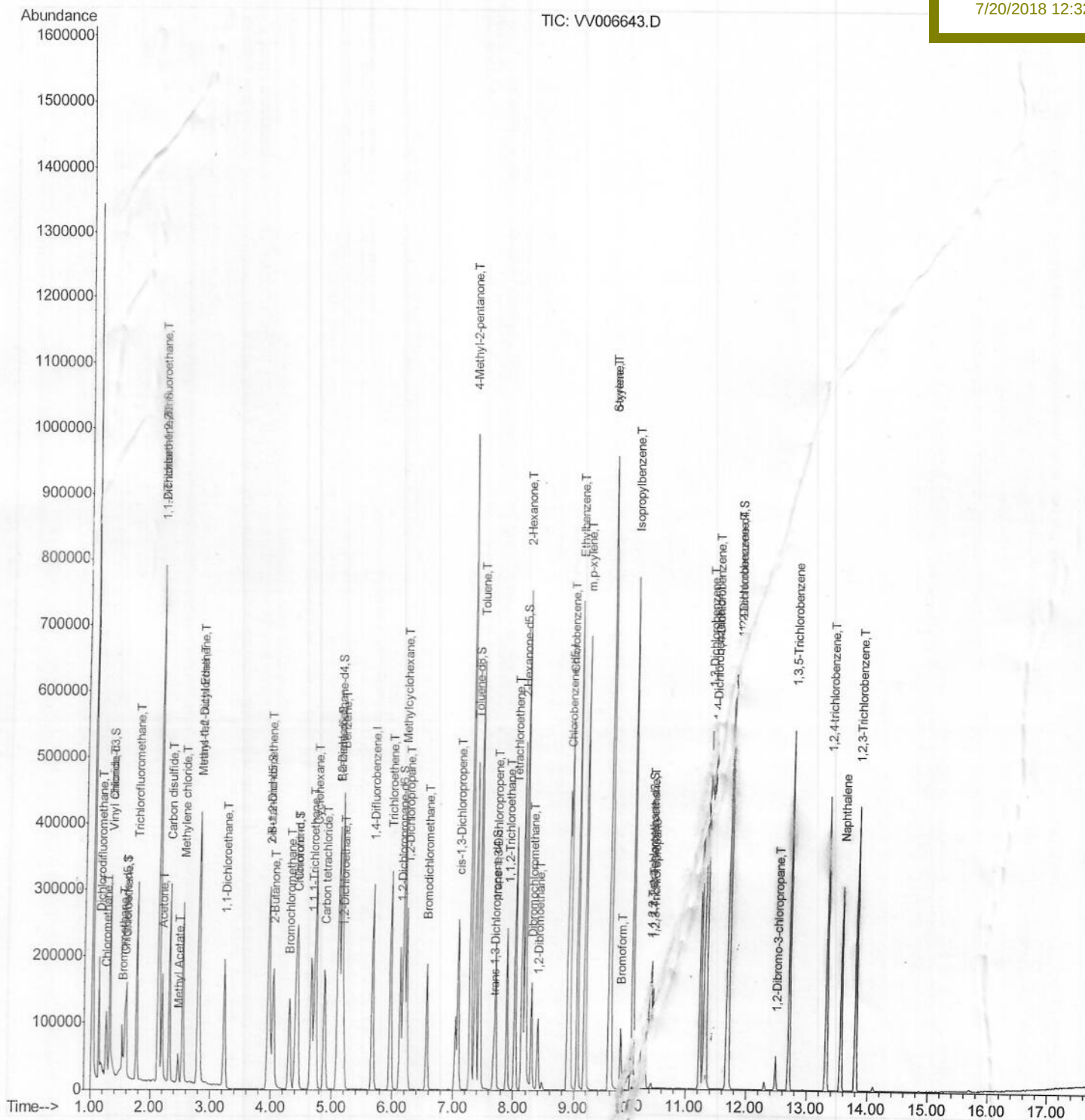
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Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071918\  
Data File : VV06643.D  
Acq On    : 19 Jul 2018   14:51  
Operator  : SY/MD  
Sample    : VSTDIC7005  
Misc      : 25 mL MSVOA_V/WATER  
ALS Vial  : 8      Sample Multiplier: 1
```

Quant Time: Jul 20 05:12:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 20 05:09:32 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VICV69

Manual Integrations

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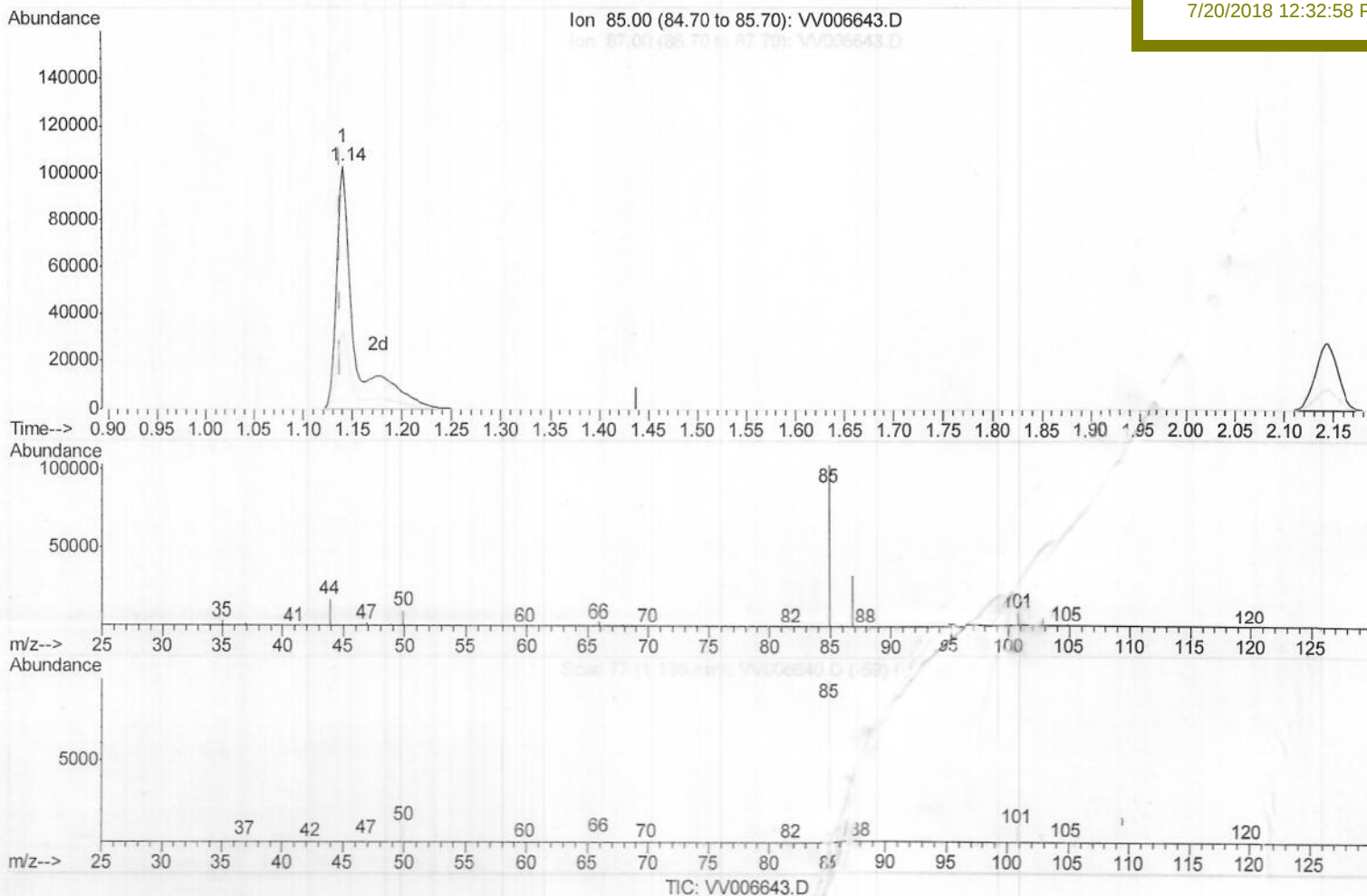
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(2) Dichlorodifluoromethane (T)

1.141min (+0.003) 5.10ug/L m

response 130698

Ion	Exp%	Act%
85.00	100	100
87.00	24.30	23.46
0.00	0.00	0.00
0.00	0.00	0.00

MD
07/28/18

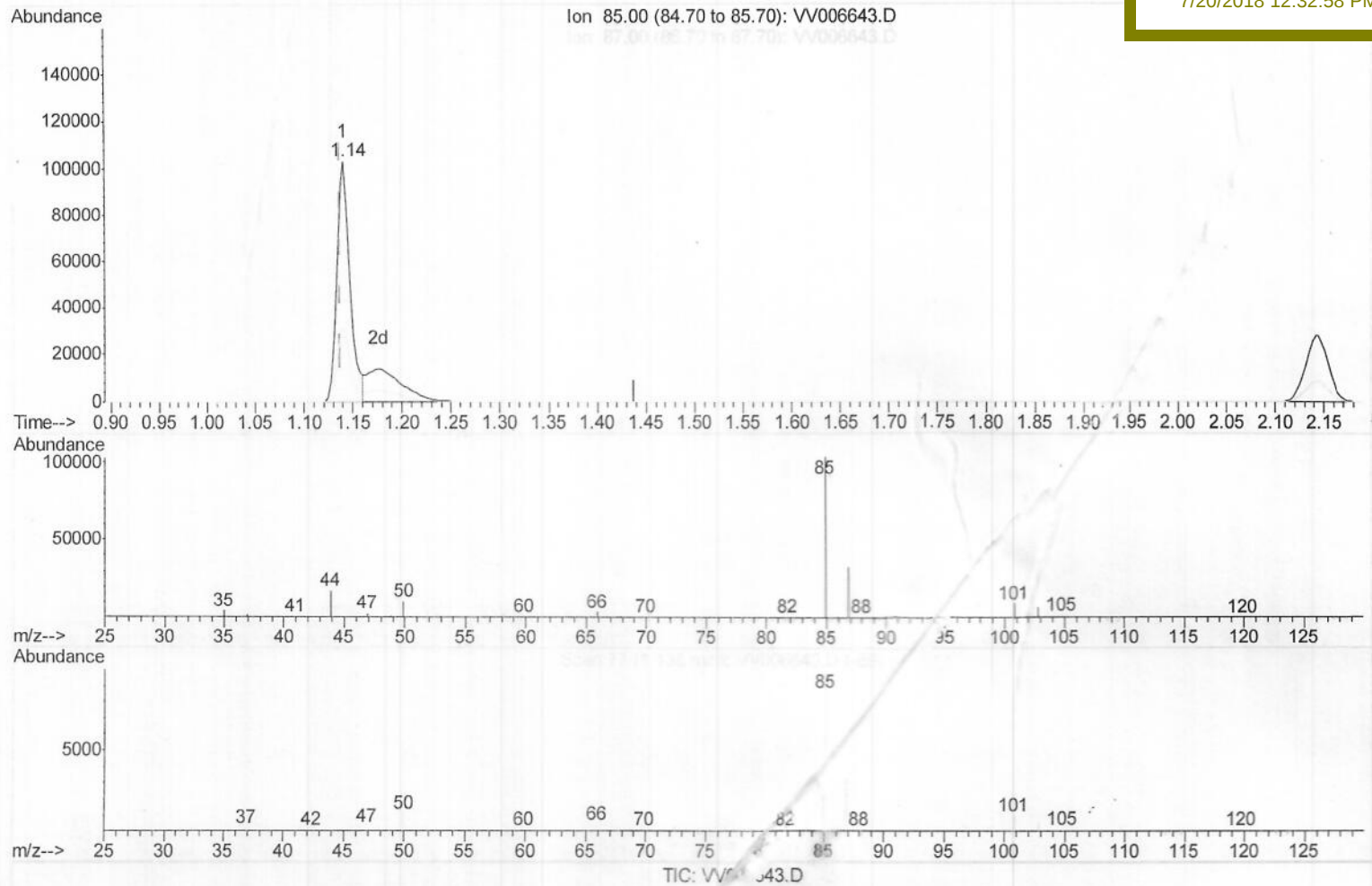
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(2) Dichlorodifluoromethane (T)

1.141min (+0.003) 3.77ug/L

response 96540

Ion	Exp%	Act%
85.00	100	100
87.00	24.30	31.76#
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	269656	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	246602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	118155	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99073	5.24	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.80%	
7) Chloroethane-d5	1.58	69	70729	5.54	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.80%	
11) 1,1-Dichloroethene-d2	2.13	63	185997	5.11	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.20%	
20) 2-Butanone-d5	3.95	46	212913	51.80	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.60%	
24) Chloroform-d	4.41	84	165238	5.14	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.80%	
26) 1,2-Dichloroethane-d4	5.09	65	76944	5.12	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.40%	
32) Benzene-d6	5.10	84	351128	5.24	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.80%	
36) 1,2-Dichloropropane-d6	6.12	67	106590	5.13	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.60%	
41) Toluene-d8	7.36	98	326123	5.24	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.80%	
43) trans-1,3-Dichloropropene-	7.67	79	37802	5.36	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	107.20%	
46) 2-Hexanone-d5	8.14	63	190500	54.22	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.44%	
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76995	5.10	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.00%	
64) 1,2-Dichlorobenzene-d4	11.68	152	111918	5.26	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.20%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	130693m	5.098 ug/L	99
3) Chloromethane	1.26	50	113004	5.211 ug/L	99
5) Vinyl chloride	1.32	62	142547	5.090 ug/L	99
6) Bromomethane	1.53	94	34974	4.405 ug/L	98
8) Chloroethane	1.59	64	81073	5.039 ug/L	98
9) Trichlorofluoromethane	1.77	101	170995	5.088 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	108343	5.143 ug/L	98
12) 1,1-Dichloroethene	2.14	96	99847	5.002 ug/L	97
13) Acetone	2.20	43	157979	50.117 ug/L	99
14) Carbon disulfide	2.32	76	328651	5.077 ug/L	100
15) Methyl Acetate	2.47	43	46466	5.024 ug/L	98
16) Methylene chloride	2.54	84	110984	4.419 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	256376	5.202 ug/L	99
18) trans-1,2-Dichloroethene	2.79	66	113682	5.167 ug/L	99
19) 1,1-Dichloroethane	3.23	63	198212	5.102 ug/L	100
21) 2-Butanone	4.04	43	268966	50.944 ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	118303	5.135 ug/L	99

MP
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	48301	5.150	ug/L	96
25) Chloroform	4.44	83	192465	5.142	ug/L	98
27) 1,2-Dichloroethane	5.19	62	112458	5.142	ug/L	100
29) 1,1,1-Trichloroethane	4.67	97	159353	5.170	ug/L	99
30) Cyclohexane	4.73	56	181060	5.254	ug/L	100
31) Carbon tetrachloride	4.88	117	136073	5.162	ug/L	100
33) Benzene	5.15	78	452687	5.219	ug/L	100
34) Trichloroethene	5.96	95	114741	5.228	ug/L	98
35) Methylcyclohexane	6.18	83	194017	5.297	ug/L	100
37) 1,2-Dichloropropane	6.23	63	113830	5.144	ug/L	99
38) Bromodichloromethane	6.56	83	126952	5.165	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	154838	5.321	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	634885	53.075	ug/L	99
42) Toluene	7.44	91	473830	5.285	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	122160	5.400	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	76709	5.153	ug/L	99
47) Tetrachloroethene	8.02	164	91871	5.212	ug/L	99
48) 2-Hexanone	8.19	43	452061	54.061	ug/L	99
49) Dibromochloromethane	8.30	129	82199	5.211	ug/L	99
50) 1,2-Dibromoethane	8.40	107	70260	5.251	ug/L	99
51) Chlorobenzene	8.93	112	304189	5.221	ug/L	99
52) Ethylbenzene	9.06	91	509990	5.299	ug/L	100
53) m,p-xylene	9.19	106	197065	5.384	ug/L	98
54) o-xylene	9.59	106	188174	5.270	ug/L	98
55) Styrene	9.61	104	326958	5.470	ug/L	98
56) Isopropylbenzene	9.98	105	499036	5.328	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	93229	5.221	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	66801	5.120	ug/L	99
61) Bromoform	9.78	173	41866	5.127	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	223244	5.187	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	228663	5.229	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	215914	5.233	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	12219	4.990	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	174502	5.246	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	139719	5.295	ug/L	98
69) Naphthalene	13.56	128	250690	5.488	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	133375	5.365	ug/L	100

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