

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071918\

Data File : VV006639.D

Acq On : 19 Jul 2018 13:03

Operator : SY/MD

Sample : VSTD00165

Misc : 25 mL/MSVOA V/WATER

```
ALS Vial      : 4      Sample Multiplier: 1
```

Quant Time: Jul 20 04:46:30 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\SOMVTR071918WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Jul 20 04:43:40 2018

Response via : Initial Calibration

MSVOA V

ClientSampleId :

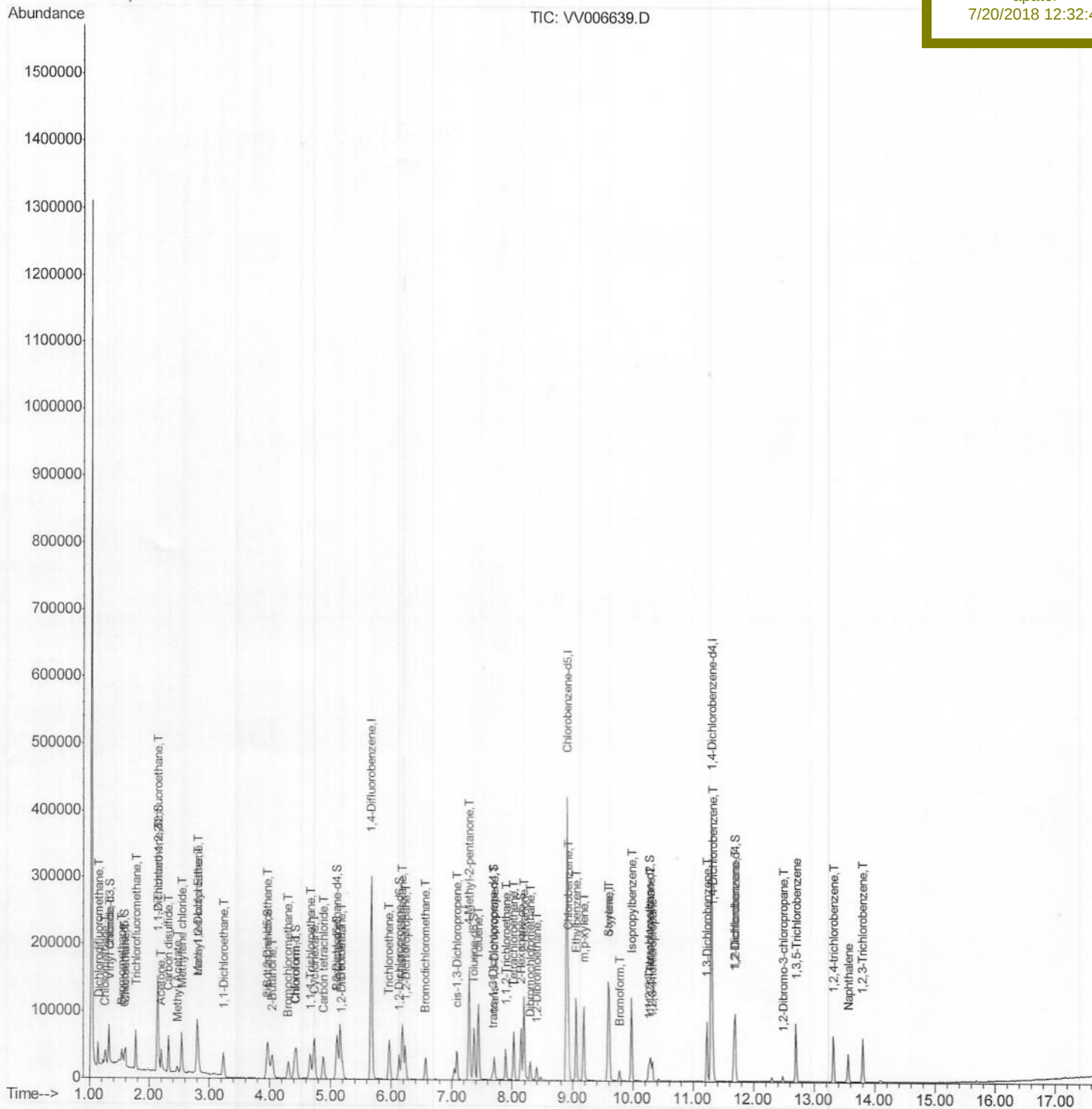
VSTD00165

Manual Integrations

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071918\

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Acq On : 19 Jul 2018 13:03

Operator : SY/MD

Sample : VSTD00165

Misc : 25 mL/MSVOA_V/WATER

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 20 04:44:01 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Jul 20 04:43:40 2018

Response via : Initial Calibration

Instrument :

MSVOA_V

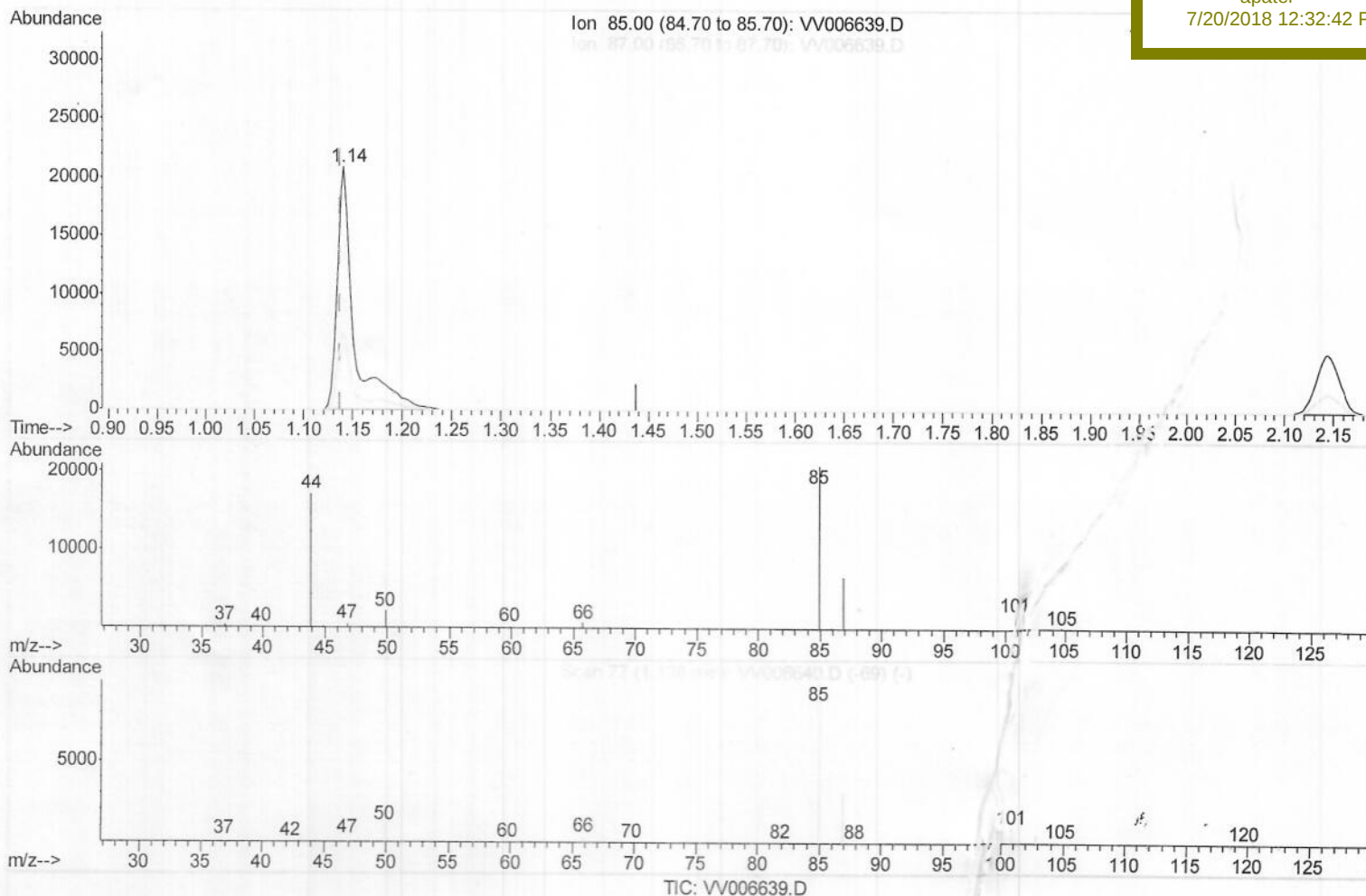
Client Sample ID :

VSTD00165

Manual Integrations
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(2) Dichlorodifluoromethane (T)

1.141min (+0.003) 1.20ug/L m

response 25294

Ion	Exp%	Act%
85.00	100	100
87.00	24.30	25.14
0.00	0.00	0.00
0.00	0.00	0.00

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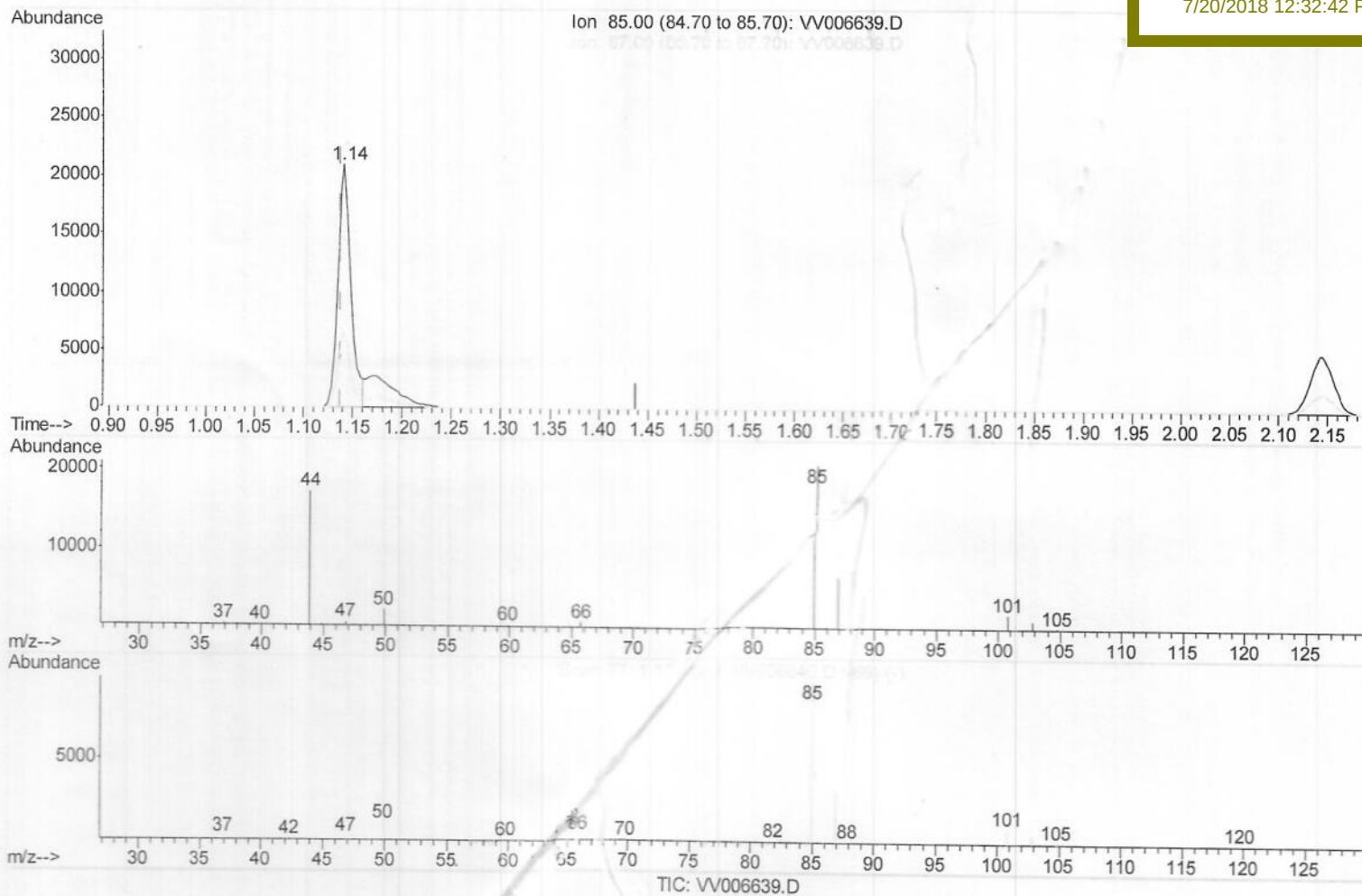
ClientSampleId :

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Manual Integrations
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(2) Dichlorodifluoromethane (T)

1.141min (+0.003) 0.92ug/L

response 19551

Ion	Exp%	Act%
85.00	100	100
87.00	24.30	82.53#
0.00	0.00	0.00
0.00	0.00	0.00

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 Client Sampled :
 VSTD00165

Manual Integrations
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Quant Time: Jul 20 04:46:30 2018
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 QLast Update : Fri Jul 20 04:43:40 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	262477	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	238630	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106299	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16914	0.92	ug/L	0.00
7) Chloroethane-d5	1.58	69	12603	1.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	32909	0.93	ug/L	0.00
20) 2-Butanone-d5	3.95	46	36009	9.00	ug/L	0.00
24) Chloroform-d	4.41	84	28055	0.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	13329	0.91	ug/L	0.00
32) Benzene-d6	5.11	84	57102	0.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	18469	0.92	ug/L	0.00
41) Toluene-d8	7.36	98	53112	0.88	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5821	0.85	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	27195	8.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	13104	0.90	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	17472	0.91	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	25294m)	1.196 ug/L	
3) Chloromethane	1.26	50	20305	0.962 ug/L	98
5) Vinyl chloride	1.32	62	26971	0.989 ug/L	88
6) Bromomethane	1.53	94	8367	1.083 ug/L	93
8) Chloroethane	1.60	64	14868	0.949 ug/L	91
9) Trichlorofluoromethane	1.77	101	32909	1.006 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	20408	0.995 ug/L	99
12) 1,1-Dichloroethene	2.14	96	18698	0.962 ug/L	94
13) Acetone	2.20	43	30568	9.963 ug/L	100
14) Carbon disulfide	2.32	76	60653	0.963 ug/L	99
15) Methyl Acetate	2.47	43	9525	1.058 ug/L	99
16) Methylene chloride	2.54	84	24296	0.994 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	47900	0.999 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	20950	0.978 ug/L	95
19) 1,1-Dichloroethane	3.23	63	37330	0.987 ug/L	98
21) 2-Butanone	4.04	43	49408	9.614 ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	21952	0.979 ug/L	99
23) Bromochloromethane	4.31	128	9012	0.987 ug/L	96
25) Chloroform	4.44	83	36053	0.989 ug/L	97
27) 1,2-Dichloroethane	5.19	62	21540	1.012 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	29414	0.986 ug/L	99
30) Cyclohexane	4.73	56	31397	0.942 ug/L	100
31) Carbon tetrachloride	4.88	117	24392	0.956 ug/L	99
33) Benzene	5.15	78	81906	0.976 ug/L	100
34) Trichloroethene	5.96	95	20893	0.984 ug/L	99
35) Methylcyclohexane	6.18	83	32461	0.916 ug/L	98
37) 1,2-Dichloropropane	6.23	63	20883	0.975 ug/L	100
38) Bromodichloromethane	6.56	83	22422	0.943 ug/L	96
39) cis-1,3-Dichloropropene	7.08	75	25271	0.897 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	109848	9.490 ug/L	98

) MD
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	82309	0.949	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	18965	0.866	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	14192	0.985	ug/L	98
47) Tetrachloroethene	8.03	164	16661	0.977	ug/L	98
48) 2-Hexanone	8.19	43	77190	9.539	ug/L	95
49) Dibromochloromethane	8.30	129	13686	0.897	ug/L	94
50) 1,2-Dibromoethane	8.40	107	12340	0.953	ug/L	97
51) Chlorobenzene	8.93	112	54566	0.968	ug/L	98
52) Ethylbenzene	9.06	91	85131	0.914	ug/L	99
53) m,p-xylene	9.19	106	31940	0.902	ug/L	98
54) o-xylene	9.59	106	30749	0.890	ug/L	95
55) Styrene	9.61	104	50105	0.866	ug/L	100
56) Isopropylbenzene	9.98	105	80753	0.891	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	16895	0.978	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	12494	0.990	ug/L	97
61) Bromoform	9.78	173	7070	0.962	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	37007	0.956	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	38675	0.983	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	36554	0.985	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	2122	0.963	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	29055	0.971	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	21697	0.914	ug/L	99
69) Naphthalene	13.56	128	34399	0.837	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	20078	0.898	ug/L	97

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