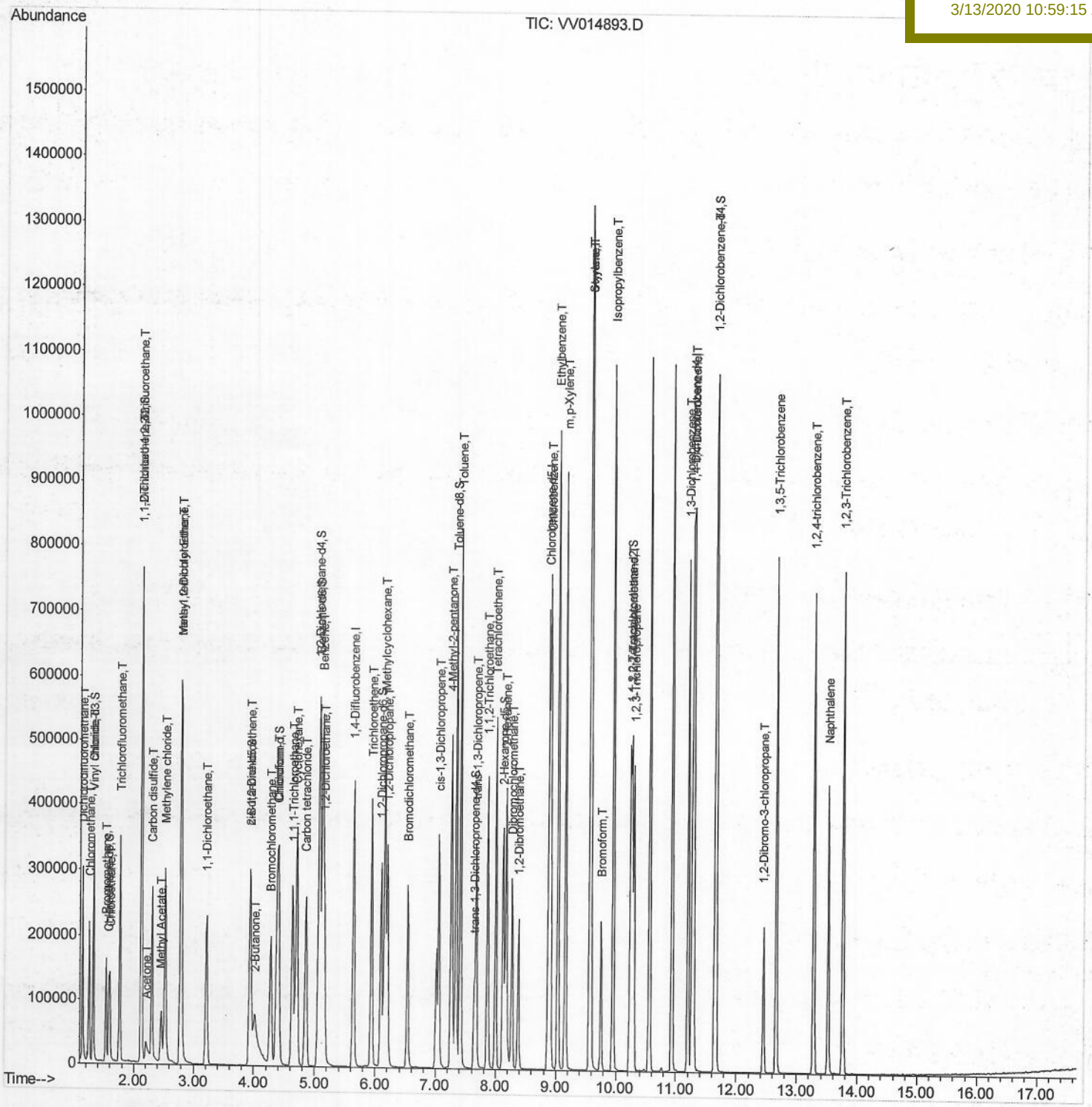
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031220\
Data File : VV014893.D
Acq On : 13 Mar 2020 01:55
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 13 05:44:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 13 04:10:22 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD05087

Manual Integrations APPROVED
MMDadoda
3/13/2020 10:59:15 AM



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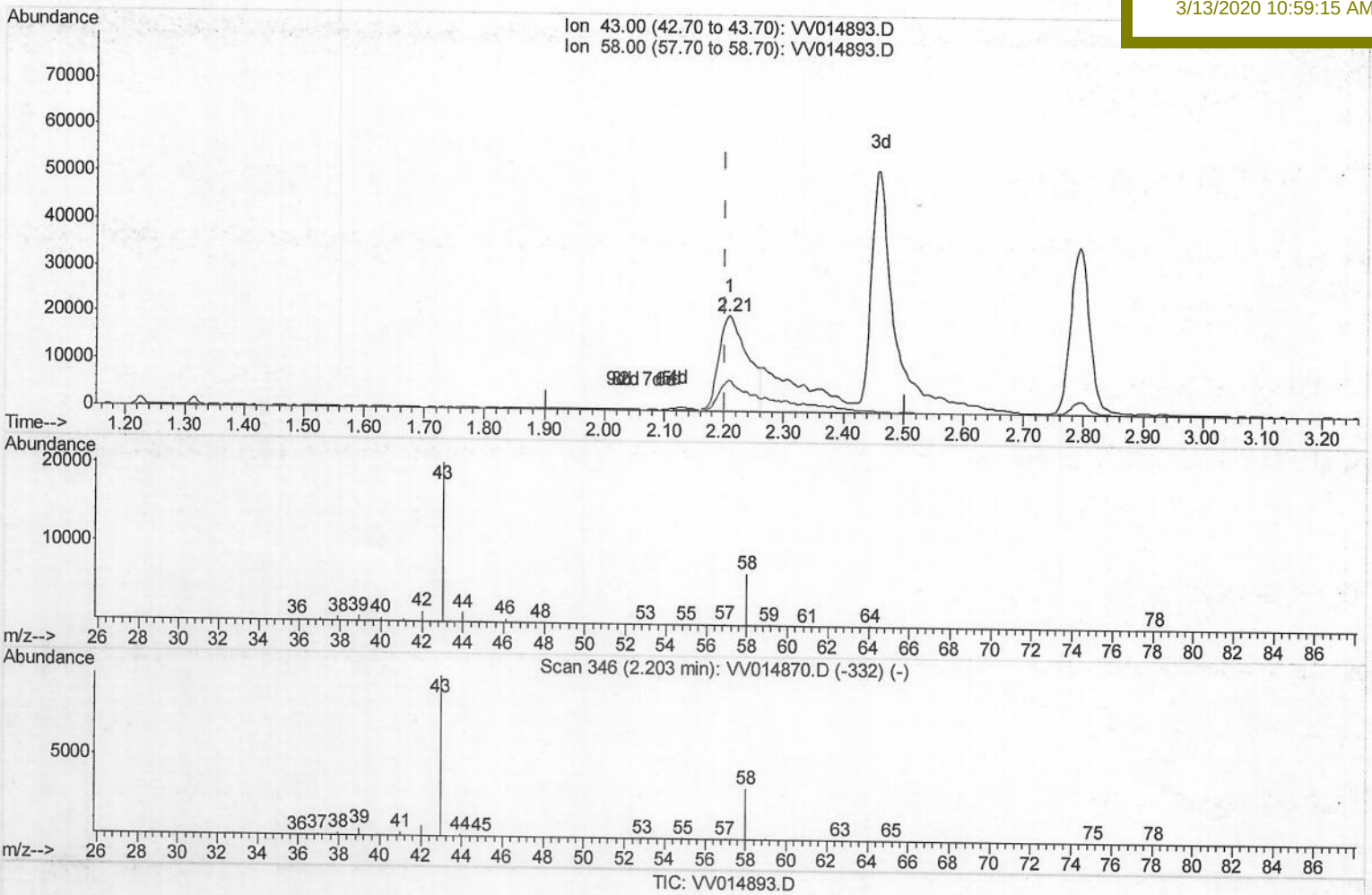

TIC: VV014893.D

(13) Acetone (T)

2.209min (+0.006) 40.88ug/L

response 66333

Ion	Exp%	Act%
43.00	100	100
58.00	31.10	28.76
0.00	0.00	0.00
0.00	0.00	0.00

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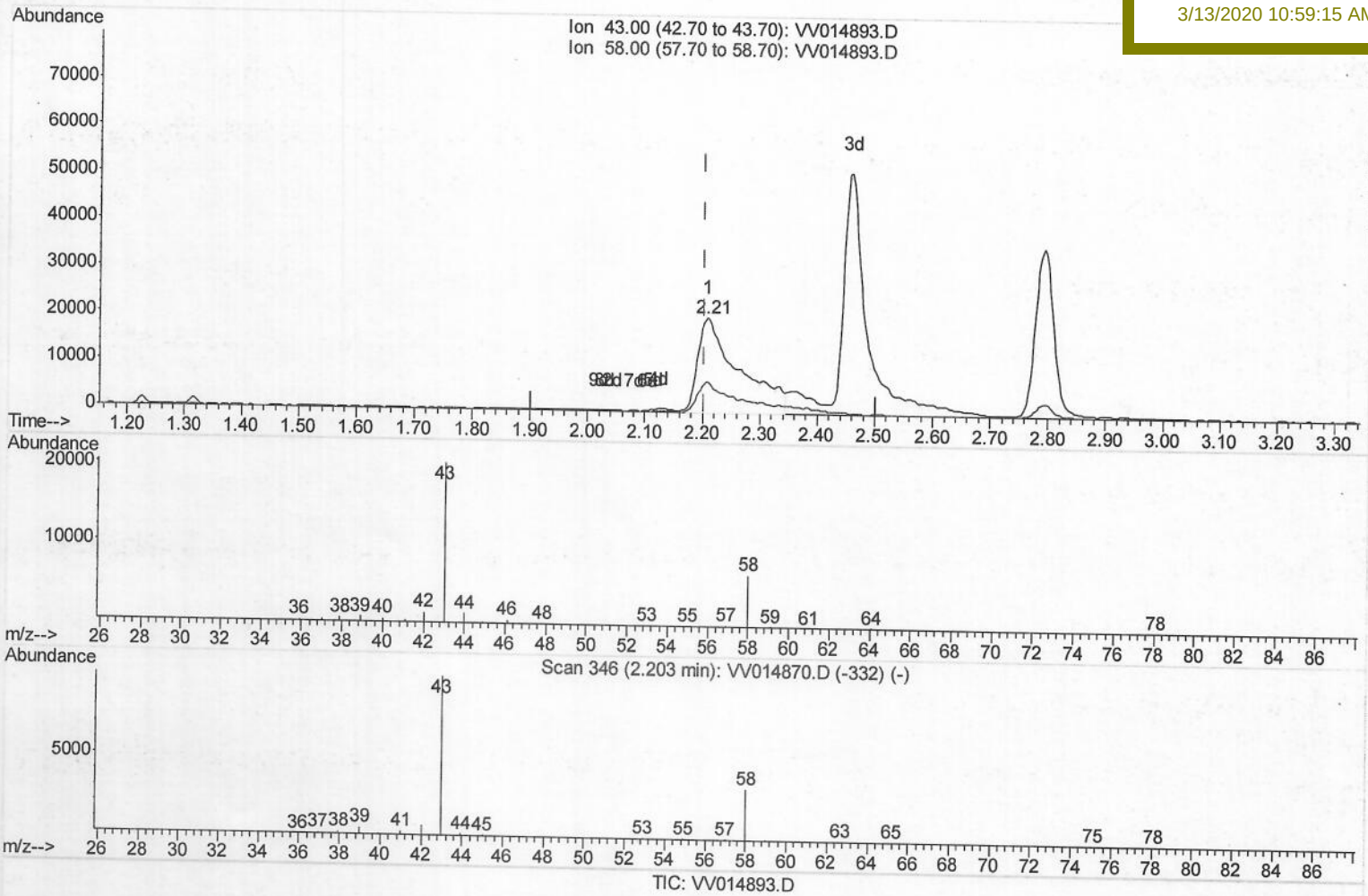

TIC: VV014893.D

(13) Acetone (T)

2.209min (+0.006) 62.96ug/L m

response 102148

M.O 03/20/20

Ion	Exp%	Act%
43.00	100	100
58.00	31.10	18.68
0.00	0.00	0.00
0.00	0.00	0.00

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3/13/2020 10:59:15 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	385037	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	380655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	205199	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	112356	43.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.24%			
7) Chloroethane-d5	1.58	69	87859	42.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.30%			
11) 1,1-Dichloroethene-d2	2.12	63	187914	43.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.80%			
21) 2-Butanone-d5	3.93	46	150323	77.35	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 77.35%			
24) Chloroform-d	4.38	84	252133	51.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.06	65	162101	48.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.74%			
32) Benzene-d6	5.08	84	494140	49.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.32%			
36) 1,2-Dichloropropane-d6	6.10	67	150322	45.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.24%			
41) Toluene-d8	7.34	98	487730	49.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.10%			
43) trans-1,3-Dichloropropene-	7.64	79	74785	45.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.96%			
47) 2-Hexanone-d5	8.12	63	154631	104.54	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.54%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	227377	49.62	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.24%			
64) 1,2-Dichlorobenzene-d4	11.65	152	212060	52.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	180653	47.473	ug/L	99
3) Chloromethane	1.25	50	134537	40.140	ug/L	99
5) Vinyl chloride	1.32	62	130215	41.924	ug/L	97
6) Bromomethane	1.53	94	65817	34.143	ug/L	97
8) Chloroethane	1.60	64	74059	44.358	ug/L	97
9) Trichlorofluoromethane	1.76	101	208086	50.103	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	98815	46.218	ug/L	97
12) 1,1-Dichloroethene	2.13	96	96867	46.311	ug/L	96
13) Acetone	2.21	43	102148m	62.955	ug/L	
14) Carbon disulfide	2.31	76	296905	42.934	ug/L	100
15) Methyl Acetate	2.46	43	112927	37.046	ug/L	91
16) Methylene chloride	2.52	84	140415	49.430	ug/L	92
17) trans-1,2-Dichloroethene	2.78	96	126958	49.133	ug/L	92
18) Methyl tert-butyl Ether	2.79	73	421950	49.878	ug/L	97
19) 1,1-Dichloroethane	3.21	63	236048	46.770	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	146029	50.529	ug/L	93
22) 2-Butanone	4.02	43	158250	73.935	ug/L	80

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.28	128	75914	51.597 ug/L		89
25) Chloroform	4.41	83	257213	49.194 ug/L		100
27) 1,2-Dichloroethane	5.16	62	196382	48.462 ug/L		97
29) Cyclohexane	4.70	56	206080	44.433 ug/L		89
30) 1,1,1-Trichloroethane	4.64	97	230585	52.248 ug/L		97
31) Carbon tetrachloride	4.86	117	202121	53.927 ug/L		99
33) Benzene	5.13	78	538433	48.825 ug/L		100
34) Trichloroethene	5.94	95	141301	49.030 ug/L		91
35) Methylcyclohexane	6.16	83	222433	46.757 ug/L		94
37) 1,2-Dichloropropane	6.20	63	135018	45.308 ug/L	#	97
38) Bromodichloromethane	6.53	83	187484	49.458 ug/L		99
39) cis-1,3-Dichloropropene	7.05	75	215906	46.223 ug/L		97
40) 4-Methyl-2-pentanone	7.25	43	383640	88.837 ug/L	#	93
42) Toluene	7.41	91	607041	49.896 ug/L		99
44) trans-1,3-Dichloropropene	7.67	75	191181	44.898 ug/L		100
45) 1,1,2-Trichloroethane	7.86	97	140635	51.242 ug/L		96
46) Tetrachloroethene	8.00	164	126607	53.694 ug/L		94
48) 2-Hexanone	8.17	43	305705	90.007 ug/L	#	94
49) Dibromochloromethane	8.27	129	150481	50.305 ug/L		99
50) 1,2-Dibromoethane	8.38	107	153914	51.881 ug/L	#	98
51) Chlorobenzene	8.90	112	397691	50.805 ug/L		98
52) Ethylbenzene	9.03	91	682141	49.768 ug/L		98
53) m,p-Xylene	9.16	106	267898	52.083 ug/L		94
54) o-xylene	9.57	106	260714	51.599 ug/L		100
55) Styrene	9.58	104	453049	52.436 ug/L		98
56) Isopropylbenzene	9.95	105	693898	51.276 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.26	83	232671	49.219 ug/L		99
59) 1,2,3-Trichloropropane	10.30	75	186521	49.010 ug/L		100
61) Bromoform	9.75	173	102748	46.155 ug/L	#	96
62) 1,3-Dichlorobenzene	11.20	146	333990	50.333 ug/L		98
63) 1,4-Dichlorobenzene	11.29	146	338003	50.559 ug/L		98
65) 1,2-Dichlorobenzene	11.66	146	340685	51.570 ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.45	75	52930	47.208 ug/L		88
67) 1,3,5-Trichlorobenzene	12.67	180	256515	49.984 ug/L		99
68) 1,2,4-trichlorobenzene	13.28	180	231328	49.042 ug/L		99
69) Naphthalene	13.52	128	351805	49.543 ug/L		99
70) 1,2,3-Trichlorobenzene	13.77	180	243461	51.782 ug/L		99

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