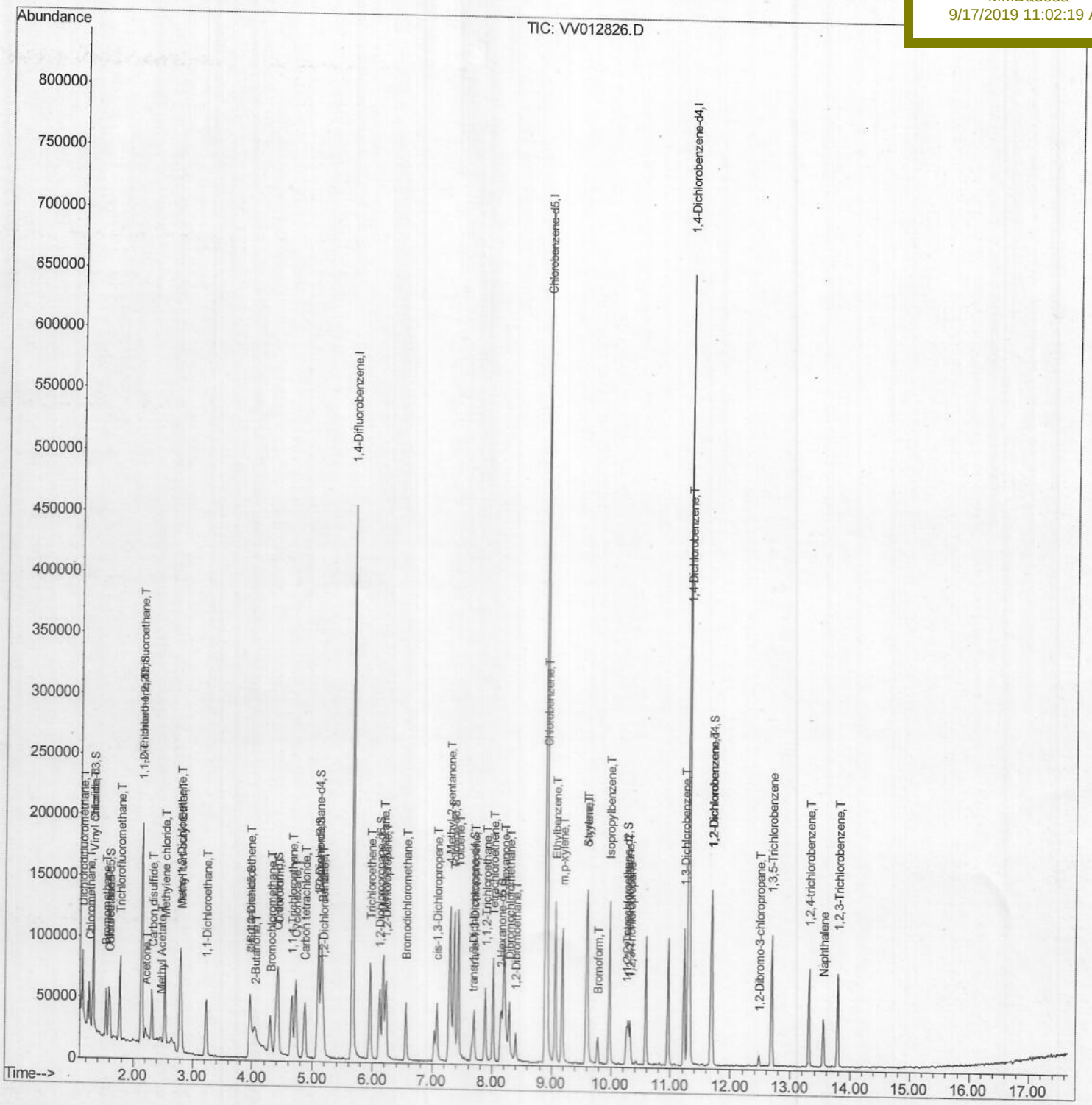
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091619\
Data File : VV012826.D
Acq On : 16 Sep 2019 09:32
Operator : SY/MD
Sample : VSTD00134
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 16 16:45:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 16:35:54 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD00134

Manual Integrations APPROVED
MMDadoda
9/17/2019 11:02:19 AM



Quantitation Report (Qedit)

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Quant Time: Sep 16 16:38:44 2019
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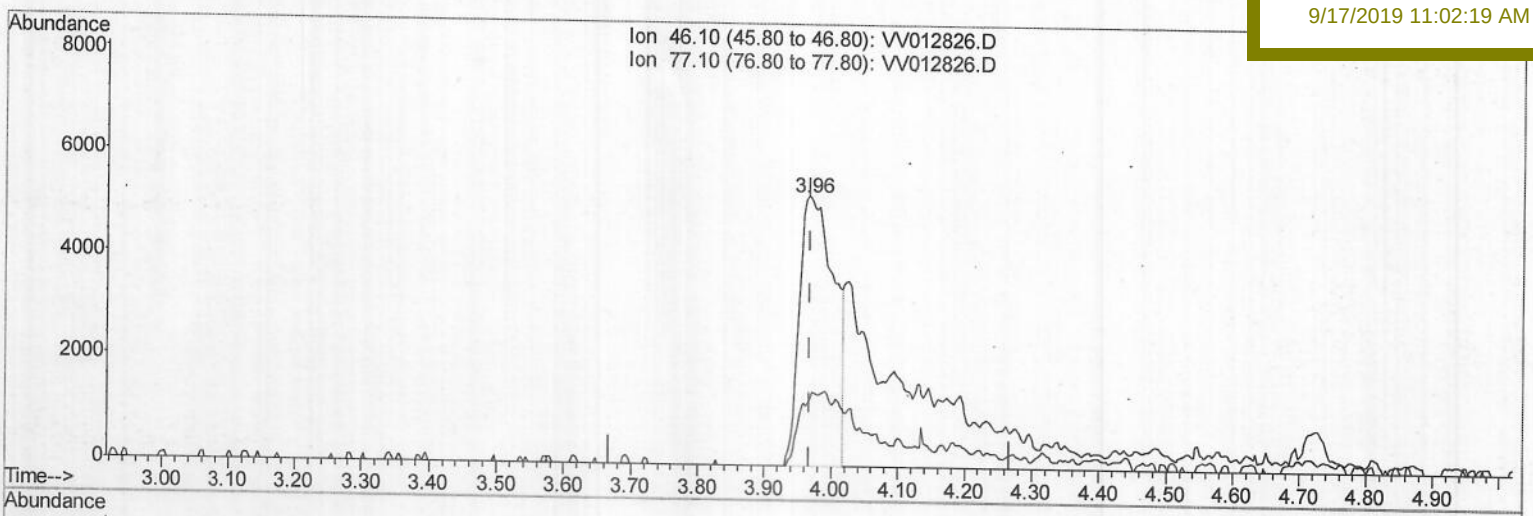

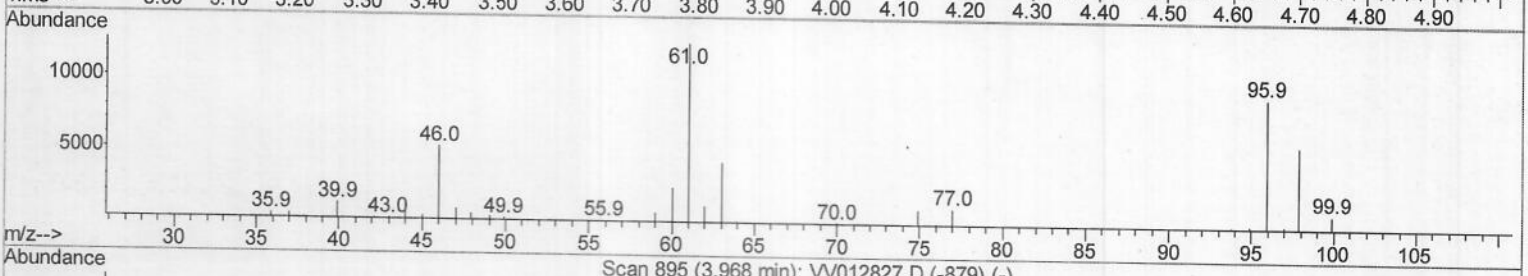

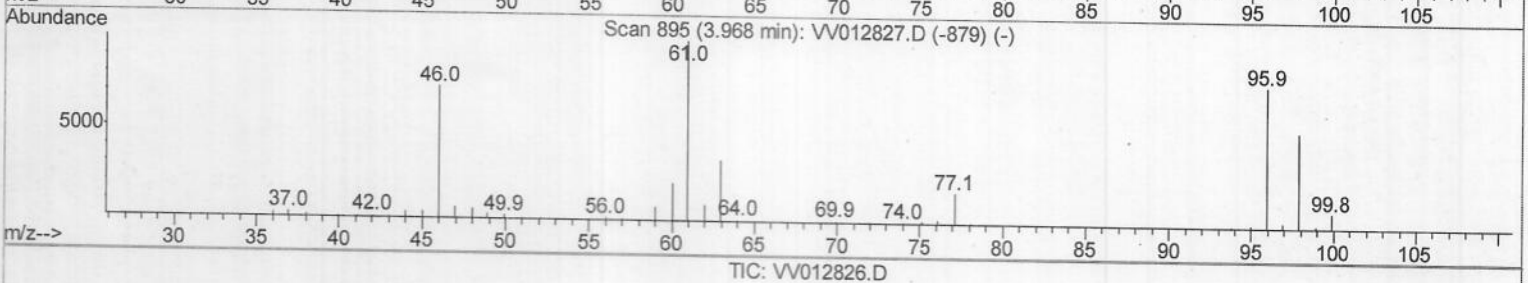

TIC: VV012826.D

(20) 2-Butanone-d5 (S)

3.965min (-0.003) 3.13ug/L

response 18582

Ion	Exp%	Act%
46.10	100	100
77.10	23.30	13.66#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
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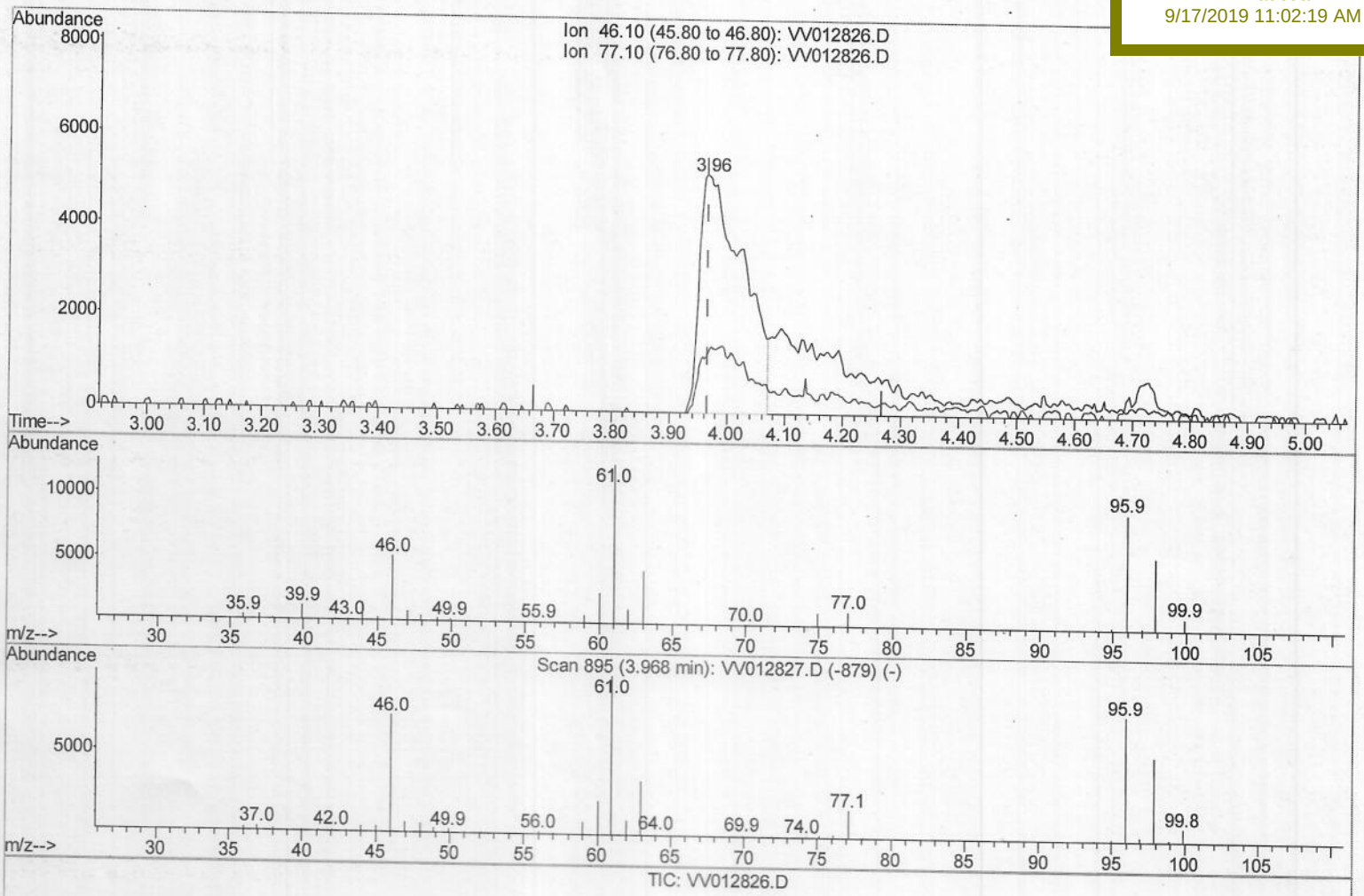
9/17/2019 11:02:19 AM



TIC: VV012826.D

(20) 2-Butanone-d5 (S)

3.965min (-0.003) 4.56ug/L m > M.D 09/18/19

response 27067

Ion	Exp%	Act%
46.10	100	100
77.10	23.30	9.38#
0.00	0.00	0.00
0.00	0.00	0.00

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9/17/2019 11:02:19 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	385726	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	385047	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	166952	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	29571	1.10	ug/L		0.00
7) Chloroethane-d5	1.58	69	23770	1.09	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.13	63	49112	1.13	ug/L		0.00
20) 2-Butanone-d5	3.96	46	27067m	4.56	ug/L		0.00
24) Chloroform-d	4.40	84	46590	0.98	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.08	65	21511	0.96	ug/L		0.00
32) Benzene-d6	5.10	84	88349	0.96	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.12	67	27556	0.95	ug/L		0.00
41) Toluene-d8	7.36	98	73699	0.89	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.67	79	8234	0.83	ug/L		0.00
46) 2-Hexanone-d5	8.14	63	17162	4.77	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	14336	0.72	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	25514	0.91	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	27930	0.856	ug/L		96
3) Chloromethane	1.25	50	28067	0.857	ug/L		96
5) Vinyl chloride	1.32	62	31281	0.920	ug/L		99
6) Bromomethane	1.54	94	16649	0.906	ug/L		98
8) Chloroethane	1.60	64	17901	0.908	ug/L		96
9) Trichlorofluoromethane	1.77	101	38841	0.916	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	23255	0.917	ug/L		98
12) 1,1-Dichloroethene	2.14	96	21371	0.891	ug/L		95
13) Acetone	2.21	43	19140	5.156	ug/L		94
14) Carbon disulfide	2.32	76	45175	0.726	ug/L		98
15) Methyl Acetate	2.46	43	6231	0.623	ug/L	#	85
16) Methylene chloride	2.53	84	26801	0.907	ug/L		99
17) Methyl tert-butyl Ether	2.81	73	53494	0.930	ug/L		98
18) trans-1,2-Dichloroethene	2.79	96	24469	0.916	ug/L		94
19) 1,1-Dichloroethane	3.23	63	46806	0.914	ug/L		98
21) 2-Butanone	4.05	43	31142	4.918	ug/L		92
22) cis-1,2-Dichloroethene	3.96	96	24130	0.825	ug/L		95
23) Bromochloromethane	4.30	128	10559	0.843	ug/L		95
25) Chloroform	4.42	83	54958	0.971	ug/L		98
27) 1,2-Dichloroethane	5.18	62	25854	0.873	ug/L		98
29) 1,1,1-Trichloroethane	4.66	97	38651	0.904	ug/L		98
30) Cyclohexane	4.72	56	28921	0.696	ug/L		99
31) Carbon tetrachloride	4.87	117	32615	0.871	ug/L		97
33) Benzene	5.14	78	89404	0.796	ug/L		100
34) Trichloroethene	5.96	95	26530	0.850	ug/L		98
35) Methylcyclohexane	6.17	83	27948	0.647	ug/L		97
37) 1,2-Dichloropropane	6.22	63	23006	0.813	ug/L	#	97
38) Bromodichloromethane	6.55	83	32386	0.881	ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	28148	0.764	ug/L		97
40) 4-Methyl-2-pentanone	7.28	43	115497	7.310	ug/L		91

S M.D 09/18/19

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Manual Integrations APPROVED
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9/17/2019 11:02:19 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Toluene	7.43	91	86192	0.739 ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	22711	0.809 ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	17909	0.906 ug/L	95
47) Tetrachloroethene	8.02	164	18752	0.774 ug/L	98
48) 2-Hexanone	8.19	43	97544	8.550 ug/L #	90
49) Dibromochloromethane	8.29	129	19700	0.838 ug/L	99
50) 1,2-Dibromoethane	8.40	107	14554	0.837 ug/L	94
51) Chlorobenzene	8.92	112	62758	0.811 ug/L	97
52) Ethylbenzene	9.05	91	87481	0.697 ug/L	99
53) m,p-xylene	9.18	106	31554	0.667 ug/L	98
54) o-xylene	9.59	106	30759	0.677 ug/L	98
55) Styrene	9.60	104	49020	0.645 ug/L	96
56) Isopropylbenzene	9.97	105	81573	0.676 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	16320	0.836 ug/L #	95
59) 1,2,3-Trichloropropane	10.32	75	15100	0.900 ug/L	98
61) Bromoform	9.77	173	9982	0.885 ug/L	94
62) 1,3-Dichlorobenzene	11.23	146	43942	0.838 ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	48266	0.911 ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	44358	0.894 ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	2217	0.876 ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	34074	0.859 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	23862	0.762 ug/L	94
69) Naphthalene	13.55	128	30950	0.662 ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	23421	0.791 ug/L	99

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