

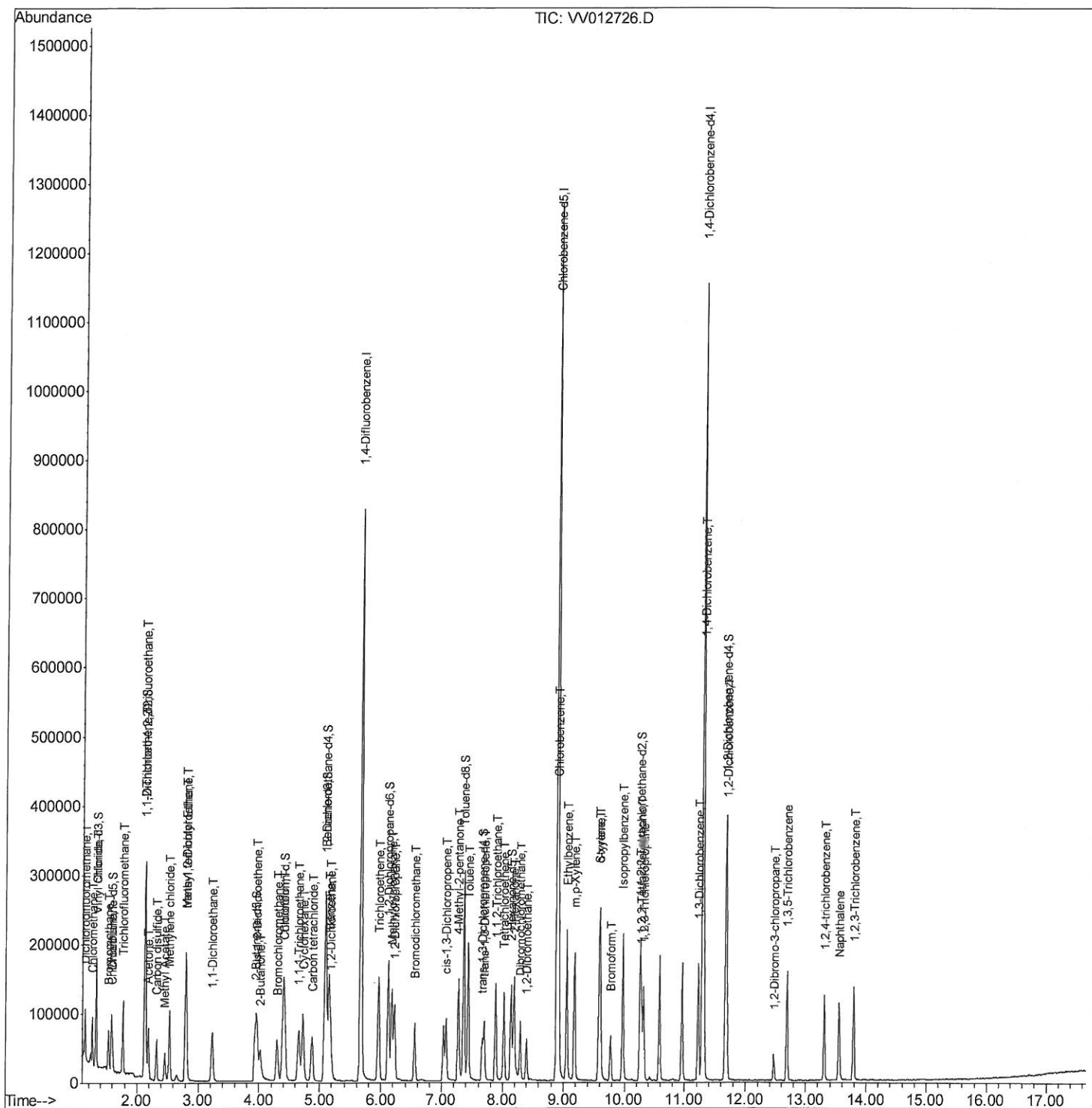
Data File : VV012726.D
Acq On : 13 Sep 2019 09:32
Operator : SY/MD
Sample : VSTD010
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD01064

Manual Integrations
APPROVED

MMDadoda
9/16/2019 1:21:33 PM

Quant Time: Sep 13 13:05:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 13 12:56:49 2019
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091319\
Quantitation Report (Qedit)

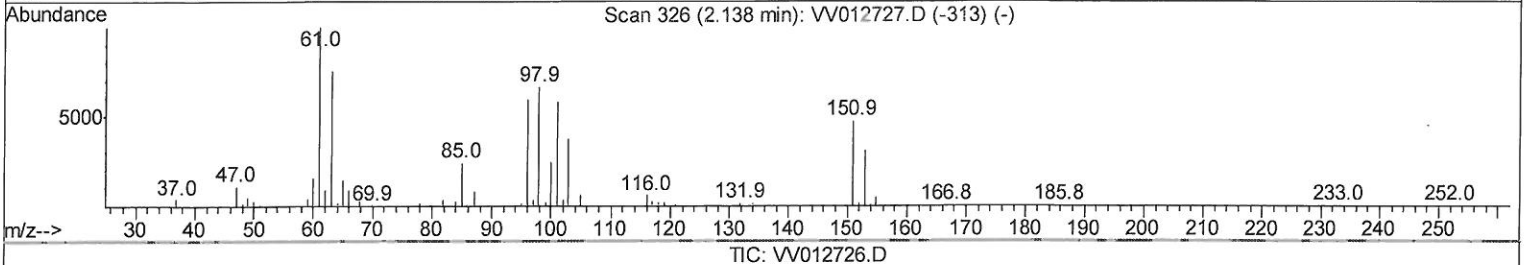
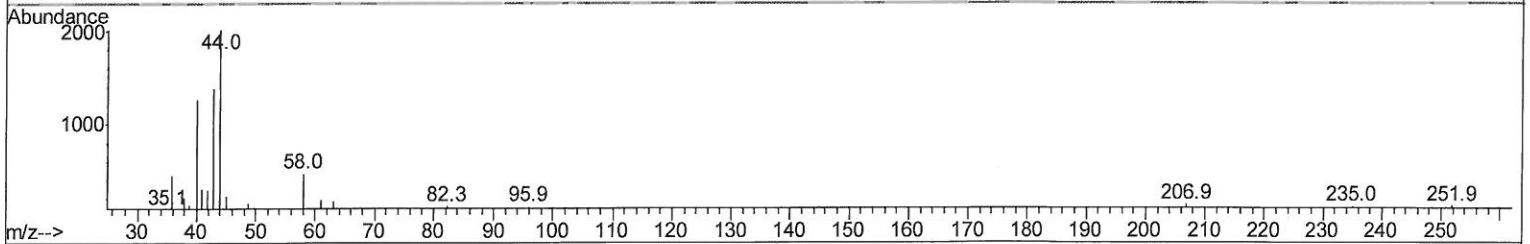
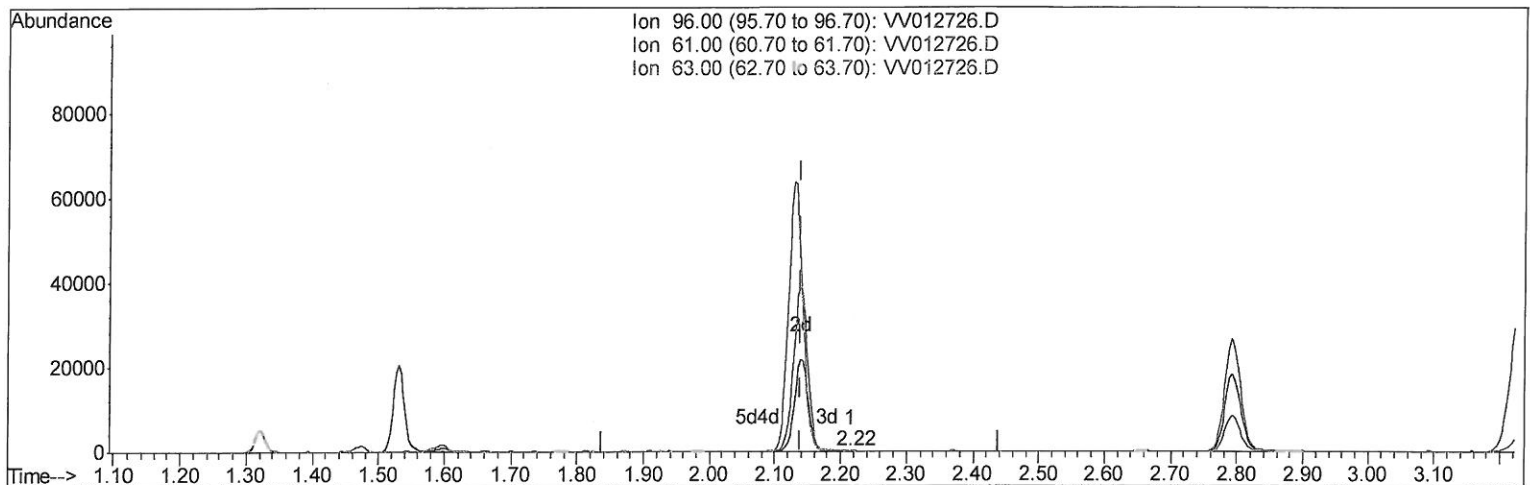
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(12) 1,1-Dichloroethene (T)

2.216min (+0.077) 0.01ug/L

response 42

Ion	Exp%	Act%
96.00	100	100
61.00	168.60	159.32
63.00	127.40	156.78
0.00	0.00	0.00

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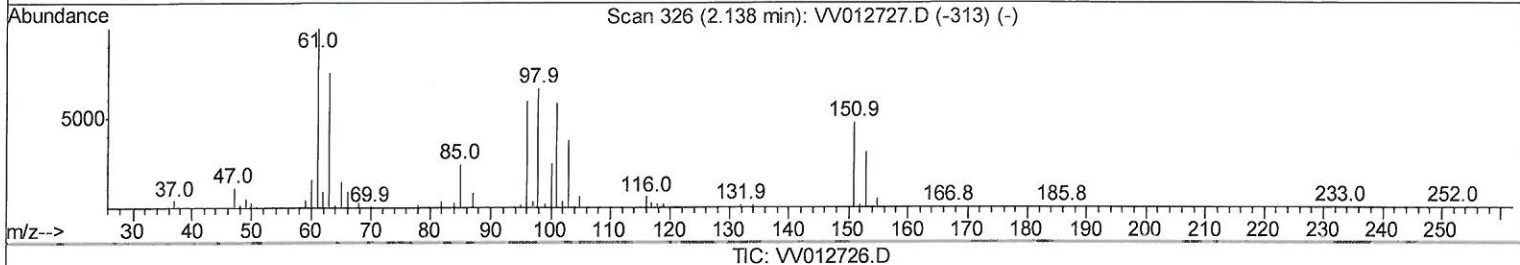
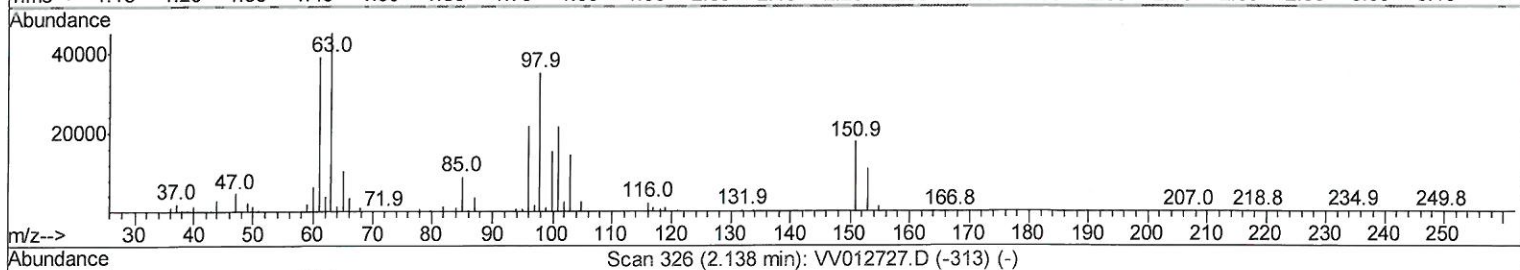
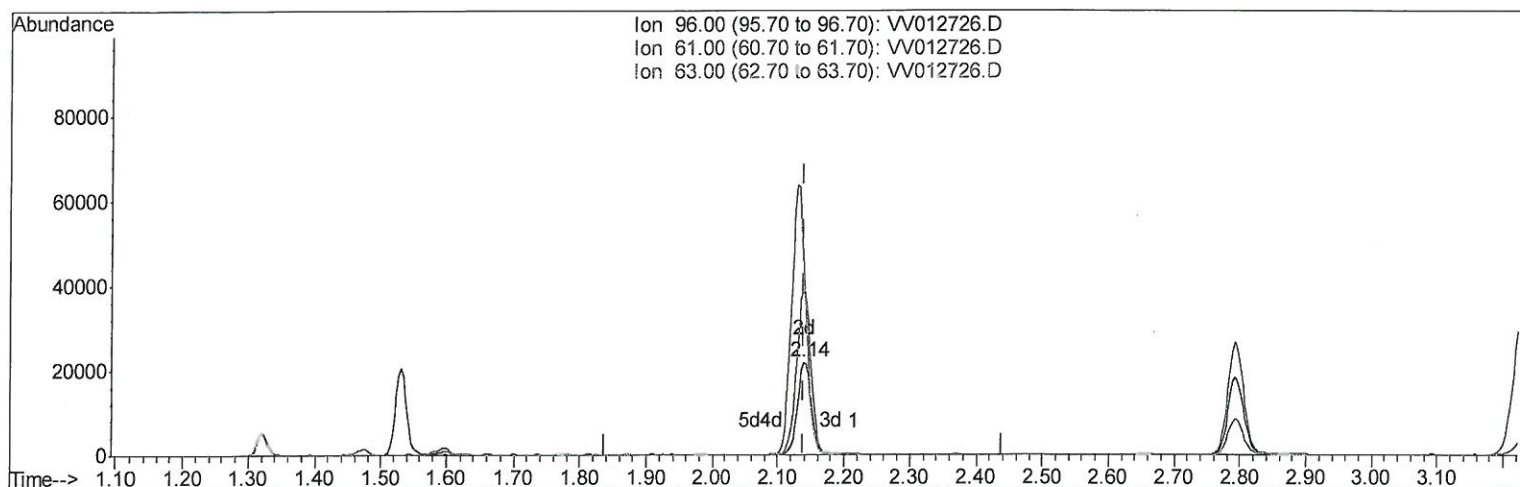
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(12) 1,1-Dichloroethene (T)

2.139min (+0.000) 4.98ug/L m

response 32098

Ion	Exp%	Act%
96.00	100	100
61.00	168.60	179.41
63.00	127.40	206.95#
0.00	0.00	0.00

7 MD
09/13/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	700755	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	681894	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	297236	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53979	11.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	23.30%#
7) Chloroethane-d5	1.58	69	49932	9.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	19.82%#
11) 1,1-Dichloroethene-d2	2.13	63	97201	7.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	15.42%#
21) 2-Butanone-d5	3.93	46	98746	25.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	25.32%#
24) Chloroform-d	4.40	84	128449	13.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	26.70%#
26) 1,2-Dichloroethane-d4	5.08	65	79603	12.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	25.72%#
32) Benzene-d6	5.10	84	231022	14.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	28.62%#
36) 1,2-Dichloropropane-d6	6.12	67	83170	14.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	28.46%#
41) Toluene-d8	7.36	98	200835	13.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	26.60%#
43) trans-1,3-Dichloropropene-	7.66	79	31650	12.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	24.18%#
47) 2-Hexanone-d5	8.13	63	42316	18.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	18.44%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92319	11.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	22.42%#
64) 1,2-Dichlorobenzene-d4	11.67	152	87649	15.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	30.44%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	39981	6.869 ug/L	100
3) Chloromethane	1.25	50	41766	5.636 ug/L	98
5) Vinyl chloride	1.32	62	43966	5.659 ug/L	98
6) Bromomethane	1.53	94	24363	3.791 ug/L	97
8) Chloroethane	1.60	64	26412	4.610 ug/L	100
9) Trichlorofluoromethane	1.77	101	58678	5.078 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	35605	5.270 ug/L	98
12) 1,1-Dichloroethene	2.14	96	32098m	4.980 ug/L	98
13) Acetone	2.19	43	63794	15.371 ug/L	98
14) Carbon disulfide	2.32	76	67281	4.833 ug/L	100
15) Methyl Acetate	2.46	43	45240	7.303 ug/L	98
16) Methylene chloride	2.53	84	40390	7.170 ug/L	92
17) trans-1,2-Dichloroethene	2.79	96	31499	6.282 ug/L	98
18) Methyl tert-butyl Ether	2.80	73	105287	6.860 ug/L	99
19) 1,1-Dichloroethane	3.23	63	71783	7.097 ug/L	97
20) cis-1,2-Dichloroethene	3.96	96	38051	6.891 ug/L	98
22) 2-Butanone	4.02	43	63415	13.688 ug/L	95

MD
09/30/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	20839	7.593	ug/L	96
25) Chloroform	4.42	83	77546	7.462	ug/L	98
27) 1,2-Dichloroethane	5.18	62	55301	6.362	ug/L	97
29) Cyclohexane	4.73	56	43892	5.204	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	56395	6.890	ug/L	99
31) Carbon tetrachloride	4.88	117	46733	6.596	ug/L	97
33) Benzene	5.15	78	144293	6.746	ug/L	100
34) Trichloroethene	5.96	95	46087	7.979	ug/L	97
35) Methylcyclohexane	6.18	83	46008	5.456	ug/L	95
37) 1,2-Dichloropropane	6.22	63	43447	7.422	ug/L #	97
38) Bromodichloromethane	6.55	83	53050	6.924	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	49436	6.013	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	96913	12.078	ug/L	97
42) Toluene	7.43	91	140954	6.307	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	46223	6.298	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	42201	7.934	ug/L	96
46) Tetrachloroethene	8.02	164	28808	7.319	ug/L	97
48) 2-Hexanone	8.18	43	90885	14.550	ug/L	99
49) Dibromochloromethane	8.29	129	40798	7.479	ug/L	97
50) 1,2-Dibromoethane	8.40	107	38402	7.215	ug/L	94
51) Chlorobenzene	8.92	112	104154	7.367	ug/L	97
52) Ethylbenzene	9.05	91	147117	6.050	ug/L	100
53) m,p-Xylene	9.18	106	51749	5.951	ug/L	98
54) o-xylene	9.59	106	51331	6.034	ug/L	100
55) Styrene	9.60	104	85789	5.891	ug/L	96
56) Isopropylbenzene	9.97	105	132194	5.826	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	49891	6.220	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	52430	7.523	ug/L	99
61) Bromoform	9.77	173	28268	8.478	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	70713	7.567	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	75073	7.710	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	76717	7.983	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	8454	4.987	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	49684	7.885	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	37822	7.653	ug/L	99
69) Naphthalene	13.55	128	94417	6.569	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	41563	8.072	ug/L	100

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