

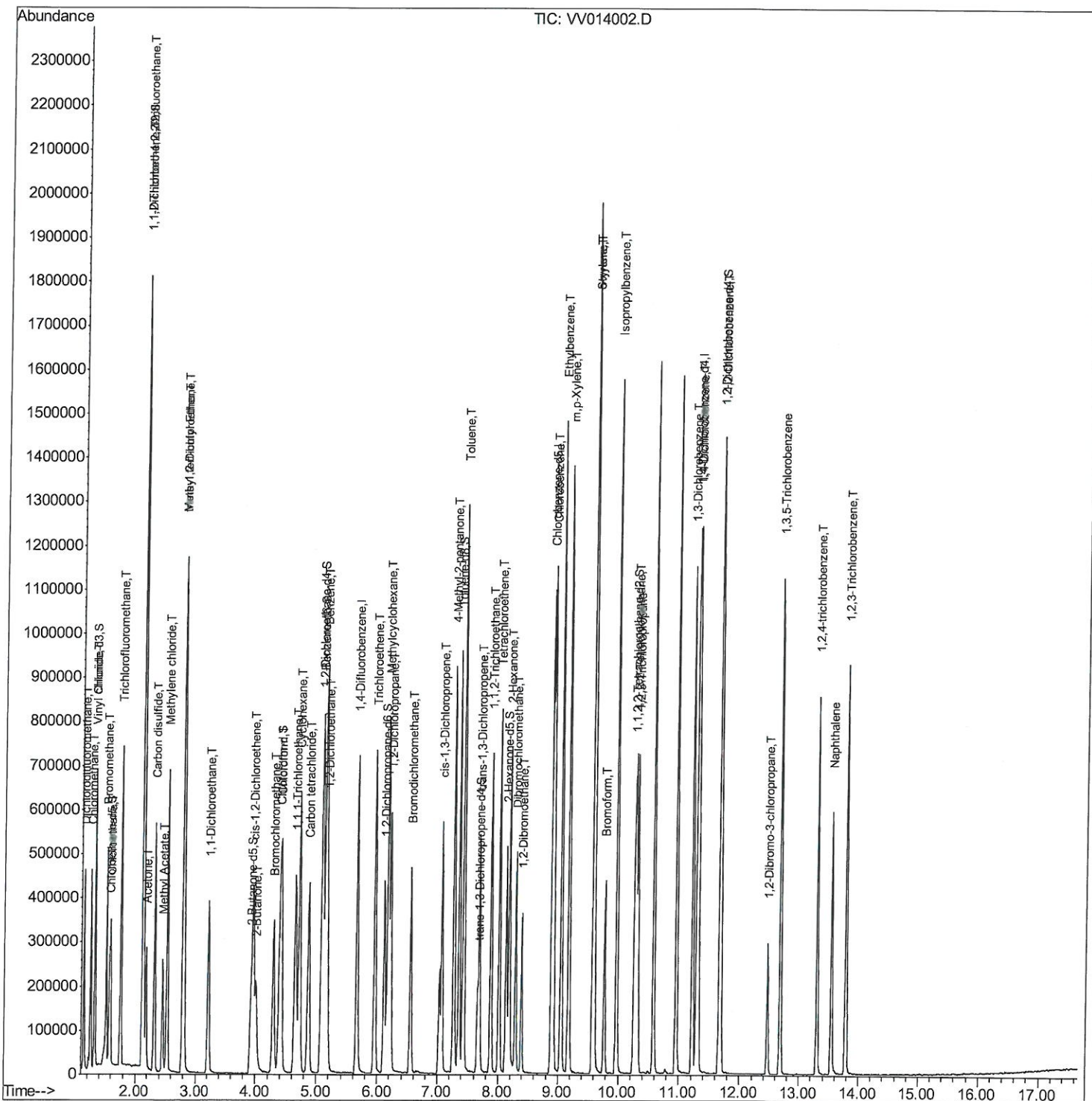
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV121019\
Data File : VV014002.D
Acq On : 10 Dec 2019 21:28
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTD05076

Manual Integrations
APPROVED

apatel
12/11/2019 3:57:41 PM

Quant Time: Dec 11 03:14:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 11 00:25:42 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

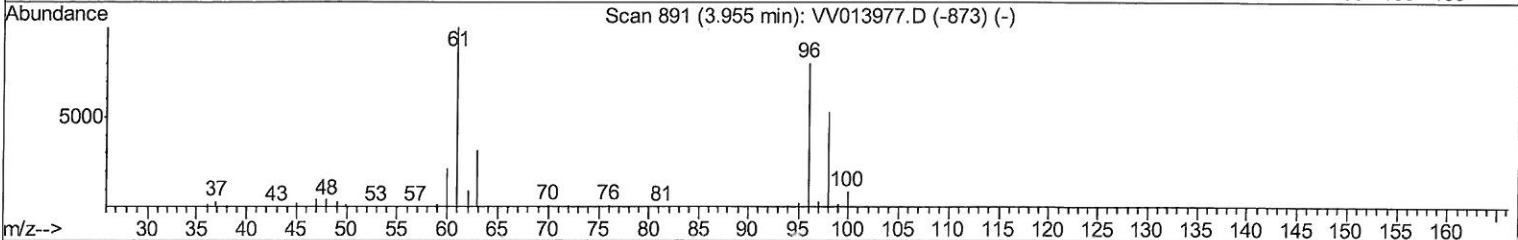
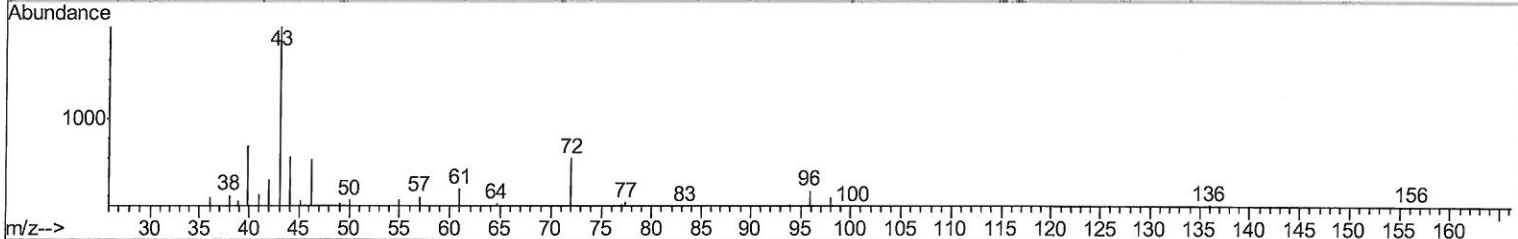
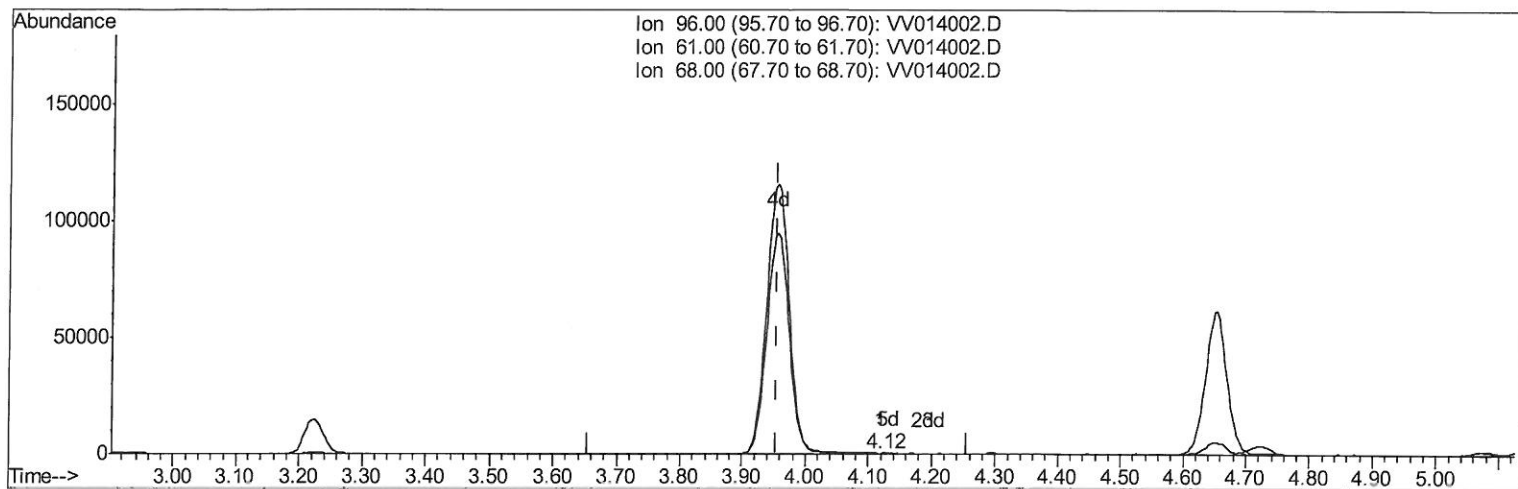
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TIC: VV014002.D

(20) cis-1,2-Dichloroethene (T)

4.119min (+0.164) 0.01ug/L

response 51

Ion	Exp%	Act%
96.00	100	100
61.00	121.90	108.63
68.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

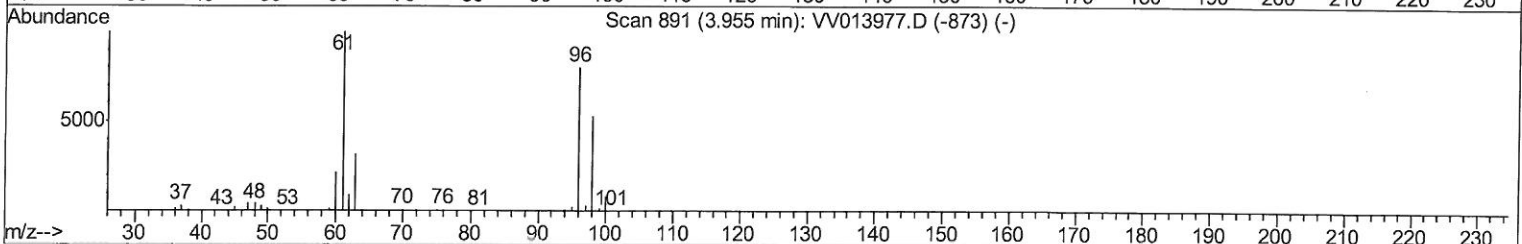
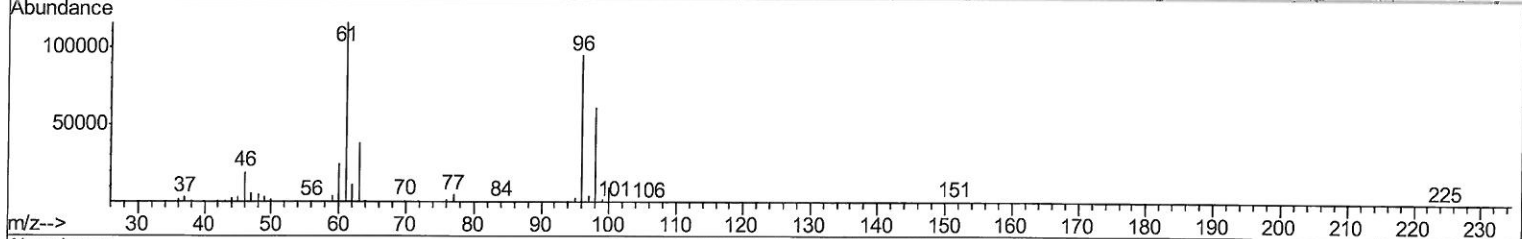
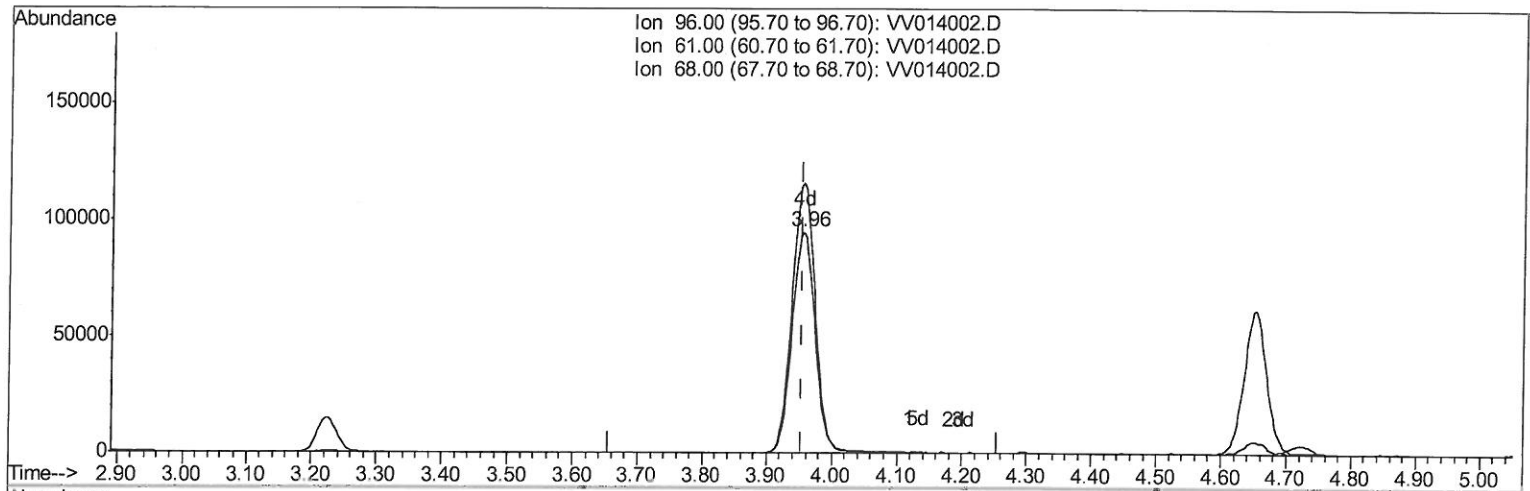
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TIC: VV014002.D

(20) cis-1,2-Dichloroethene (T)

3.955min (+0.000) 47.67ug/L m

response 233370

Ion	Exp%	Act%
96.00	100	100
61.00	121.90	122.09
68.00	0.00	0.14#
0.00	0.00	0.00

MD
12/12/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	636176	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	594955	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	315793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	167066	45.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.82%		
7) Chloroethane-d5	1.57	69	177631	46.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.50%		
11) 1,1-Dichloroethene-d2	2.13	63	388734	47.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.56%		
21) 2-Butanone-d5	3.92	46	246520	95.19	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.19%		
24) Chloroform-d	4.39	84	358531	46.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.80%		
26) 1,2-Dichloroethane-d4	5.07	65	220262	44.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.98%		
32) Benzene-d6	5.09	84	706279	45.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.62%		
36) 1,2-Dichloropropane-d6	6.11	67	211837	45.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.56%		
41) Toluene-d8	7.35	98	635325	45.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.40%		
43) trans-1,3-Dichloropropene-	7.66	79	95180	42.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.54%		
47) 2-Hexanone-d5	8.13	63	161850	93.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.66%		
57) 1,1,2,2-Tetrachloroethane-	10.25	84	293008	43.73	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.46%		
64) 1,2-Dichlorobenzene-d4	11.67	152	275885	44.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.96%		

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	246830	43.575	ug/L 99
3) Chloromethane	1.25	50	269214	51.985	ug/L 99
5) Vinyl chloride	1.32	62	271238	50.218	ug/L 98
6) Bromomethane	1.51	94	151932	46.525	ug/L 100
8) Chloroethane	1.59	64	183317	51.009	ug/L 100
9) Trichlorofluoromethane	1.76	101	423778	50.446	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	237427	49.623	ug/L 99
12) 1,1-Dichloroethene	2.14	96	233262	50.471	ug/L 94
13) Acetone	2.18	43	259957	68.498	ug/L 99
14) Carbon disulfide	2.31	76	627399	51.477	ug/L 99
15) Methyl Acetate	2.45	43	269825	57.690	ug/L 99
16) Methylene chloride	2.53	84	279509	58.076	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	221863	49.078	ug/L 96
18) Methyl tert-butyl Ether	2.80	73	686557	52.334	ug/L 99
19) 1,1-Dichloroethane	3.22	63	389312	47.801	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	233370m	47.670	ug/L 99
22) 2-Butanone	4.00	43	311185	85.428	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	130800	48.360	ug/L	97
25) Chloroform	4.42	83	418749	48.093	ug/L	100
27) 1,2-Dichloroethane	5.17	62	306573	48.864	ug/L	100
29) Cyclohexane	4.72	56	336375	48.392	ug/L	99
30) 1,1,1-Trichloroethane	4.65	97	357951	49.837	ug/L	100
31) Carbon tetrachloride	4.87	117	314526	49.023	ug/L	99
33) Benzene	5.14	78	895026	50.516	ug/L	100
34) Trichloroethene	5.96	95	242578	51.047	ug/L	99
35) Methylcyclohexane	6.17	83	340147	47.706	ug/L	98
37) 1,2-Dichloropropane	6.22	63	227006	52.937	ug/L	100
38) Bromodichloromethane	6.55	83	311392	51.204	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	331972	49.176	ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	575739	103.250	ug/L	99
42) Toluene	7.43	91	921780	50.423	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	289454	47.350	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	224327	52.702	ug/L	98
46) Tetrachloroethene	8.01	164	205654	47.959	ug/L	95
48) 2-Hexanone	8.18	43	447727	100.373	ug/L	94
49) Dibromochloromethane	8.29	129	259765	49.925	ug/L	100
50) 1,2-Dibromoethane	8.39	107	239607	51.100	ug/L	99
51) Chlorobenzene	8.92	112	625650	49.607	ug/L	98
52) Ethylbenzene	9.05	91	1008718	50.054	ug/L	100
53) m,p-Xylene	9.18	106	393253	50.461	ug/L	98
54) o-xylene	9.58	106	388843	51.031	ug/L	98
55) Styrene	9.60	104	659347	50.154	ug/L	98
56) Isopropylbenzene	9.97	105	1016910	49.650	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	325612	46.990	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	286166	49.314	ug/L	99
61) Bromoform	9.77	173	207116	53.615	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	504812	48.718	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	498808	46.564	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	507780	48.990	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	68465	47.529	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	382484	45.454	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	287083	37.811	ug/L	100
69) Naphthalene	13.55	128	487493	24.453	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	311391	39.217	ug/L	99

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