

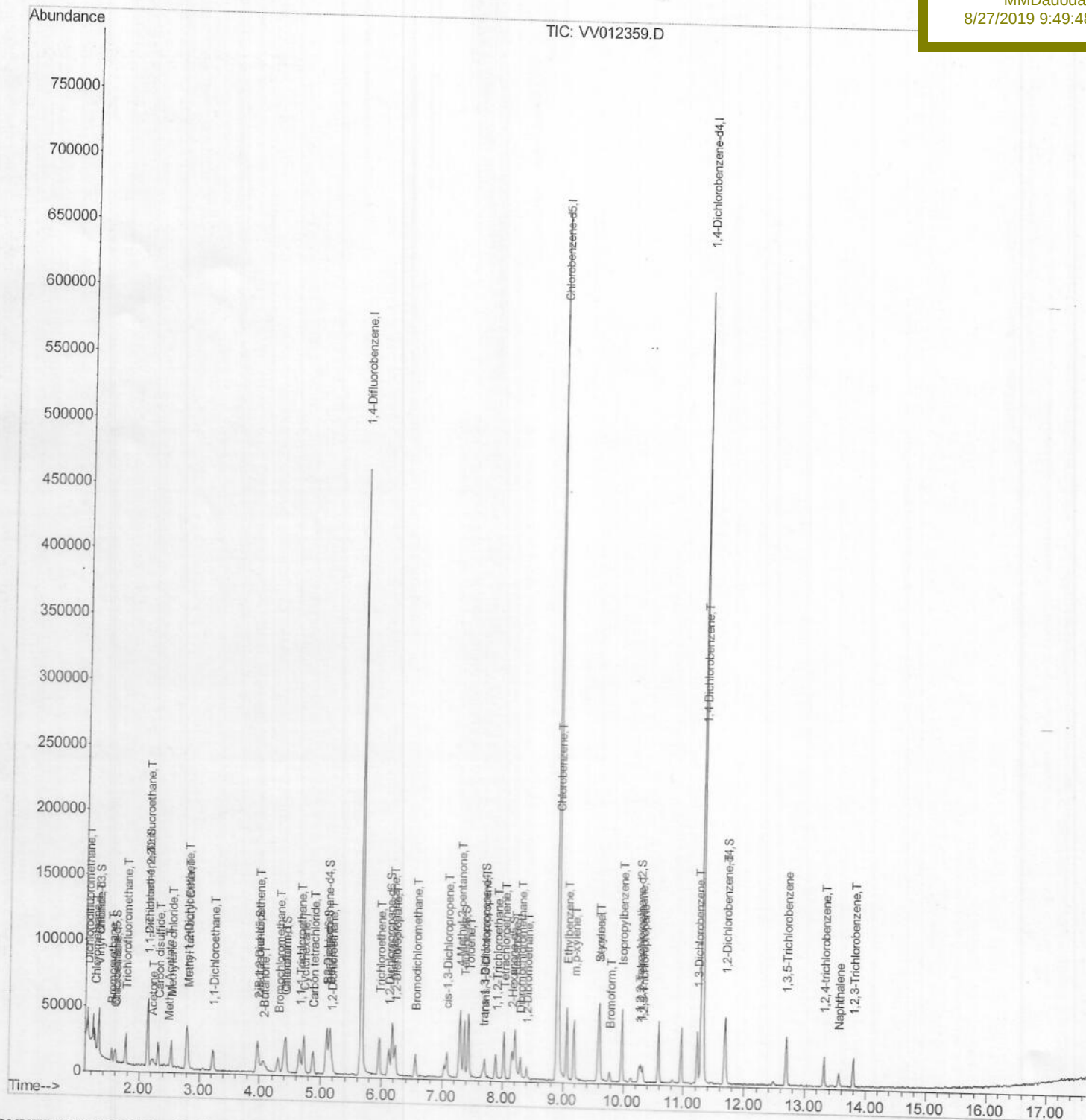
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082319\
Data File : VV012359.D
Acq On : 23 Aug 2019 12:15
Operator : SY/MD
Sample : VSTD0.533
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 24 00:36:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 24 00:30:48 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampled :
VSTD0.533

Manual Integrations
APPROVED

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8/27/2019 9:49:48 AM



Quantitation Report (Qedit)

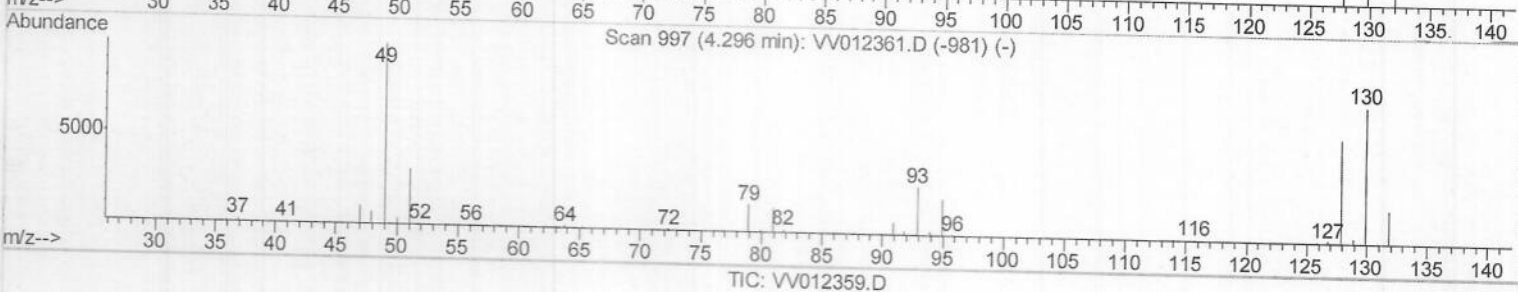
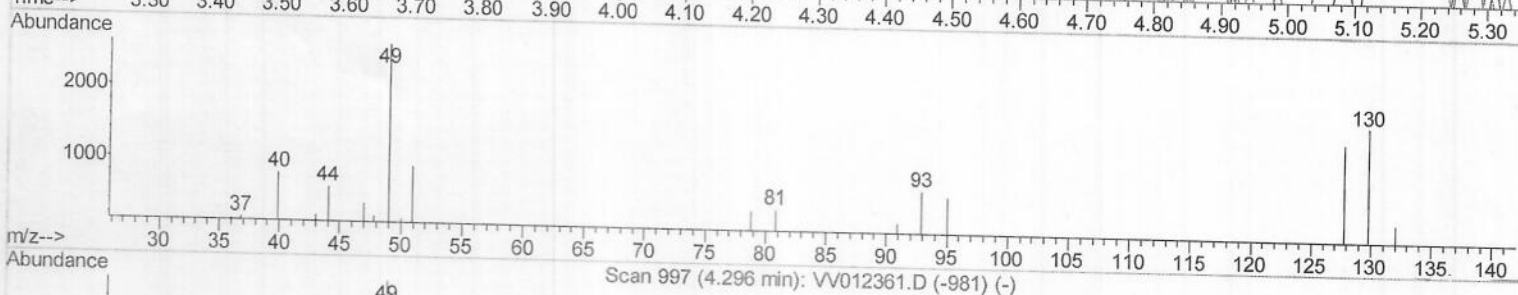
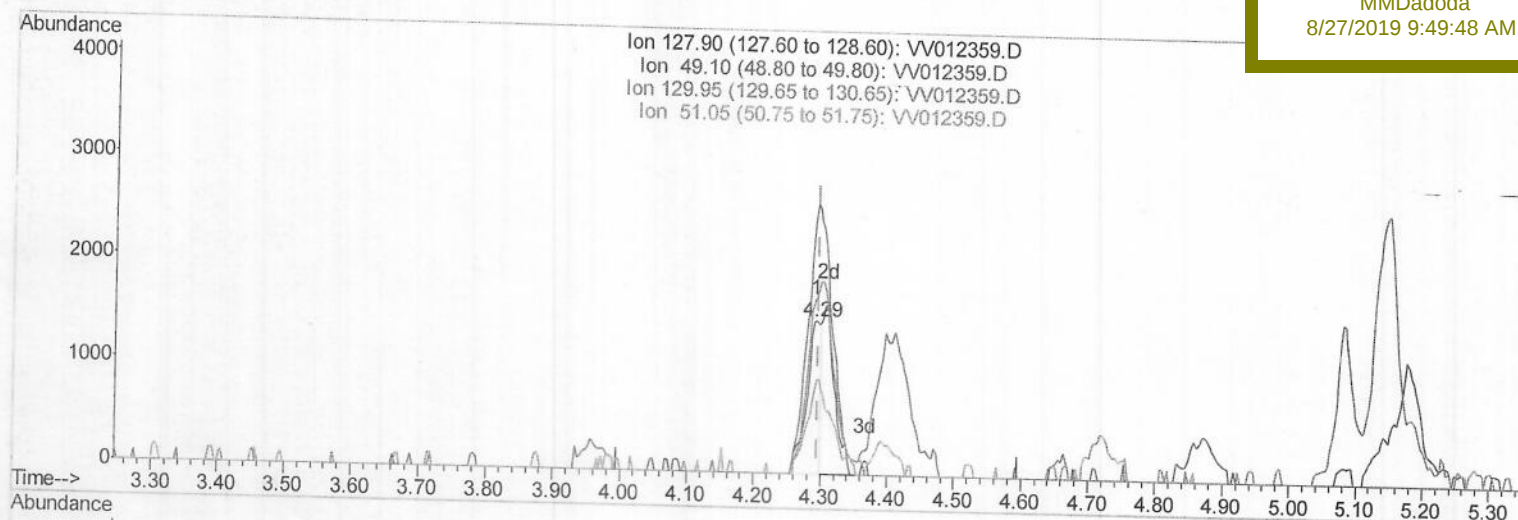
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Quant Time: Aug 24 00:33:26 2019
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(23) Bromochloromethane (T)

4.293min (-0.003) 0.18ug/L

response 2174

Ion	Exp%	Act%
127.90	100	100
49.10	172.40	176.40
129.95	130.70	116.45
51.05	55.40	61.77

Quantitation Report (Qedit)

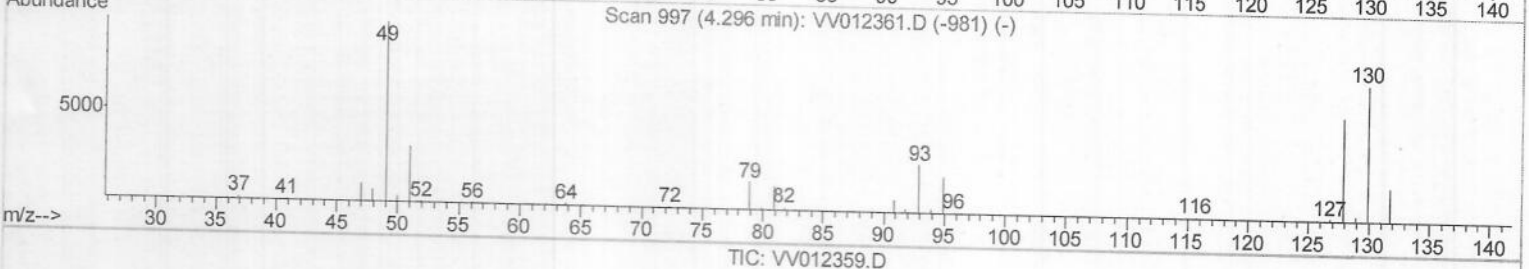
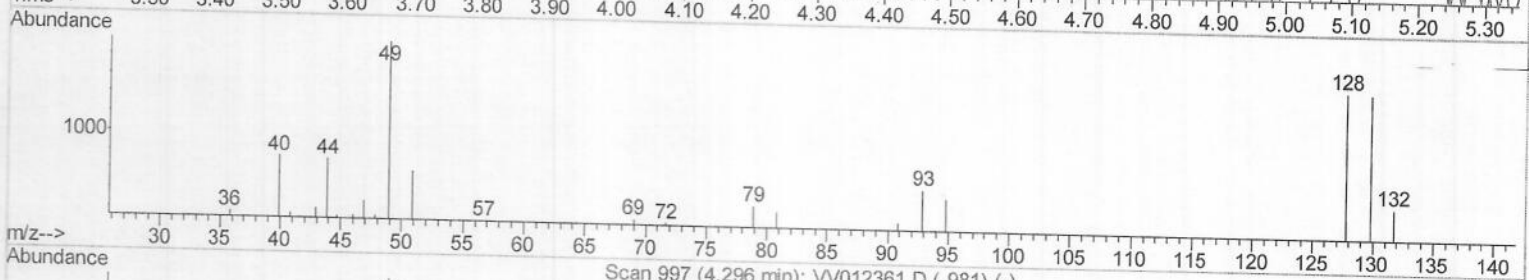
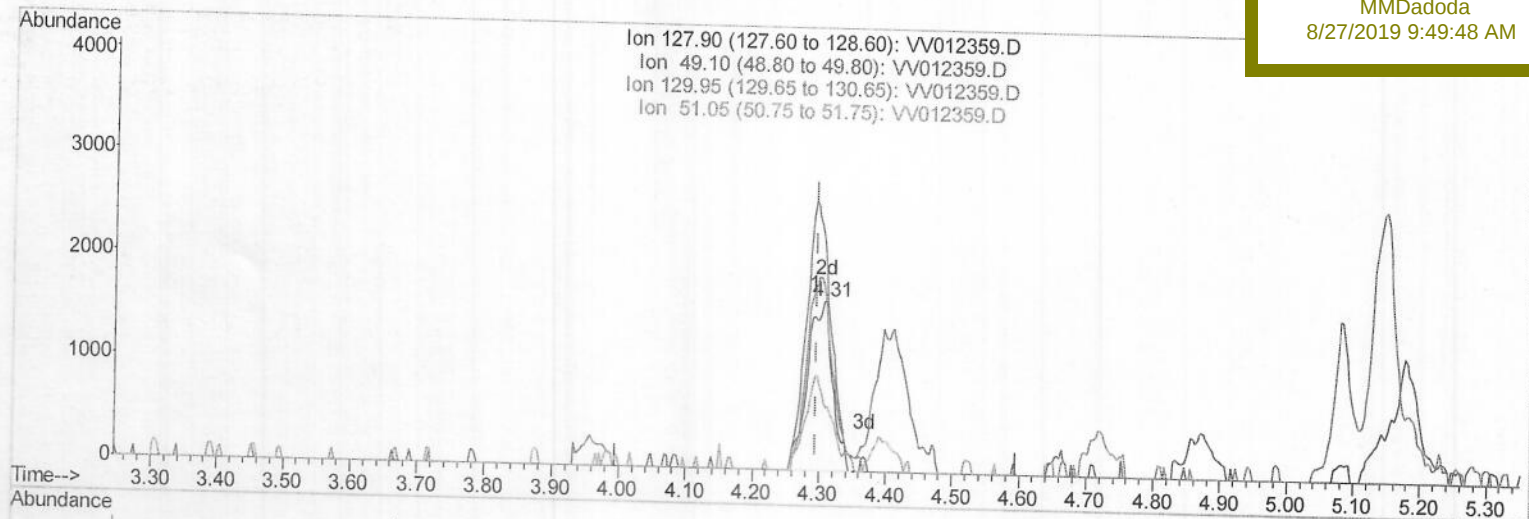
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Manual Integrations
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 8/27/2019 9:49:48 AM



(23) Bromochloromethane (T)

4.309min (+0.013) 0.34ug/L m

response 4242

Ion	Exp%	Act%
127.90	100	100
49.10	172.40	119.91#
129.95	130.70	98.59
51.05	55.40	37.26#

> MD08130119

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082319\
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	390425	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	372241	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	165353	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7366	0.31	ug/L	0.00
7) Chloroethane-d5	1.58	69	5184	0.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	12604	0.32	ug/L	0.00
20) 2-Butanone-d5	3.98	46	16682	3.21	ug/L	0.02
24) Chloroform-d	4.40	84	15924	0.34	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	7109	0.32	ug/L	0.00
32) Benzene-d6	5.10	84	31025	0.33	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	9320	0.33	ug/L	0.00
41) Toluene-d8	7.36	98	27515	0.32	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3381	0.32	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	7027	2.10	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	5627	0.29	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	10133	0.36	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	13530	0.372 ug/L	99
3) Chloromethane	1.25	50	10205	0.318 ug/L	97
5) Vinyl chloride	1.32	62	9889	0.302 ug/L	100
6) Bromomethane	1.54	94	4449	0.249 ug/L	78
8) Chloroethane	1.60	64	5069	0.276 ug/L	95
9) Trichlorofluoromethane	1.77	101	12755	0.306 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	6644	0.313 ug/L	98
12) 1,1-Dichloroethene	2.14	96	6298	0.317 ug/L	90
13) Acetone	2.22	43	9597	3.097 ug/L	99
14) Carbon disulfide	2.32	76	18689	0.319 ug/L	99
15) Methyl Acetate	2.47	43	3027	0.391 ug/L	86
16) Methylene chloride	2.53	84	8285	0.387 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	17473	0.317 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	9399	0.351 ug/L	97
19) 1,1-Dichloroethane	3.23	63	16413	0.336 ug/L	96
21) 2-Butanone	4.06	43	17809	2.819 ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	11048	0.380 ug/L	98
23) Bromochloromethane	4.31	128	4242m	0.344 ug/L	
25) Chloroform	4.42	83	22758	0.412 ug/L	95
27) 1,2-Dichloroethane	5.18	62	10200	0.340 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	14707	0.336 ug/L	99
30) Cyclohexane	4.72	56	13997	0.320 ug/L	94
31) Carbon tetrachloride	4.87	117	12592	0.320 ug/L	98
33) Benzene	5.14	78	34635	0.319 ug/L	100
34) Trichloroethene	5.96	95	10348	0.352 ug/L	93
35) Methylcyclohexane	6.17	83	13924	0.308 ug/L	99
37) 1,2-Dichloropropane	6.22	63	9382	0.346 ug/L	96
38) Bromodichloromethane	6.56	83	11486	0.330 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	11190	0.305 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	43167	2.922 ug/L	97

> MD 08/30/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
42) Toluene	7.43	91	34184	0.299	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	8061	0.276	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	5861	0.327	ug/L	98
47) Tetrachloroethene	8.02	164	7857	0.327	ug/L	96
48) 2-Hexanone	8.20	43	28923	2.777	ug/L	98
49) Dibromochloromethane	8.29	129	6995	0.315	ug/L	96
50) 1,2-Dibromoethane	8.40	107	5740	0.332	ug/L #	88
51) Chlorobenzene	8.92	112	24150	0.326	ug/L	93
52) Ethylbenzene	9.05	91	36898	0.302	ug/L	98
53) m,p-xylene	9.18	106	13084	0.281	ug/L	100
54) o-xylene	9.59	106	12647	0.286	ug/L	96
55) Styrene	9.60	104	18482	0.250	ug/L	97
56) Isopropylbenzene	9.97	105	34347	0.290	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	5746	0.279	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	4515	0.297	ug/L #	82
61) Bromoform	9.77	173	3471	0.340	ug/L #	95
62) 1,3-Dichlorobenzene	11.23	146	17111	0.326	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	17714	0.338	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	16576	0.344	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	12753	0.320	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	7643	0.260	ug/L	96
69) Naphthalene	13.56	128	8678	0.209	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	6732	0.244	ug/L	92

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