

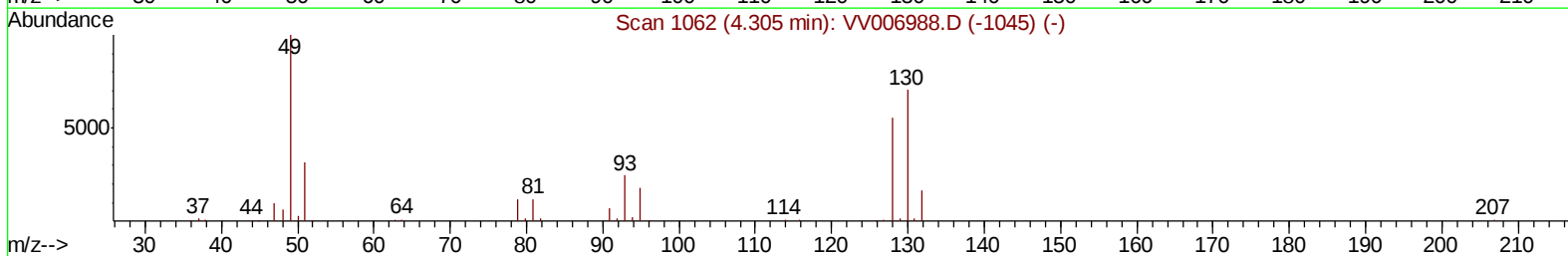
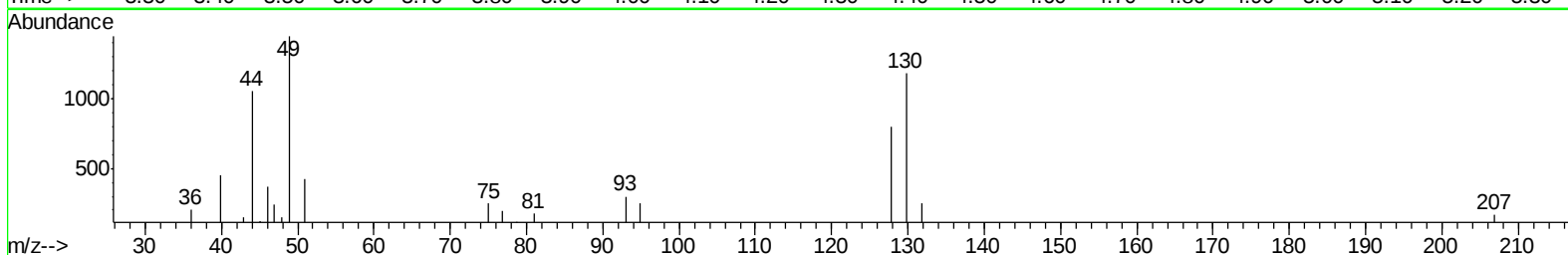
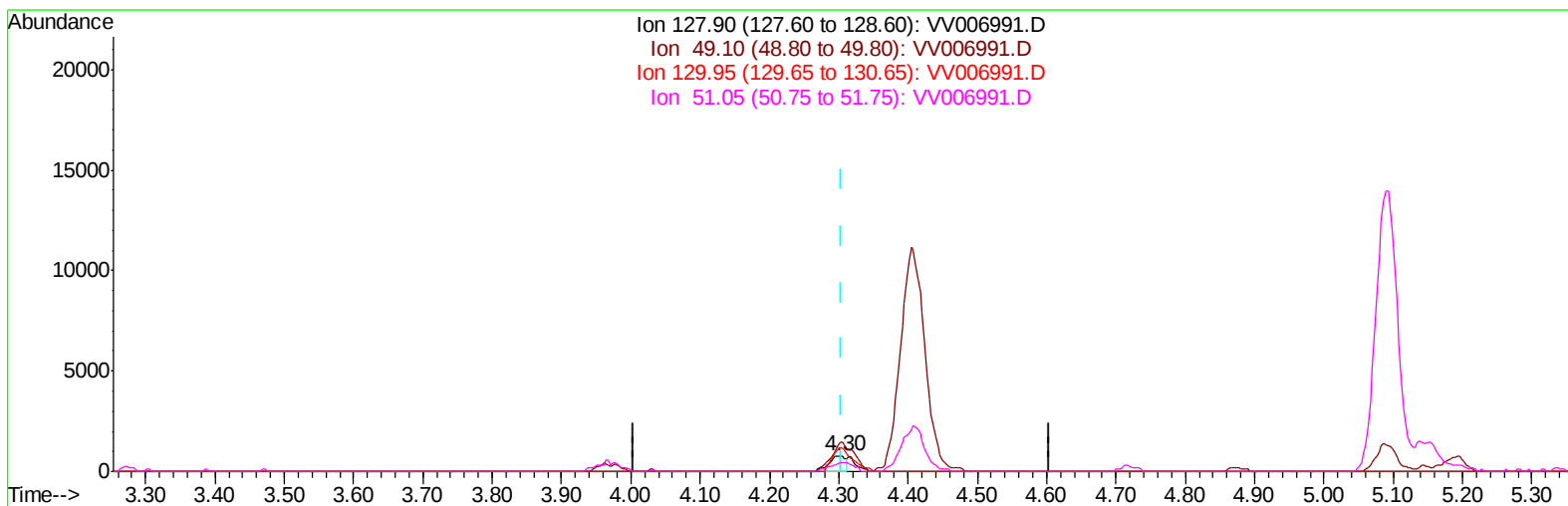
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081018\
Data File : VV006991.D
Acq On : 10 Aug 2018 18:41
Operator : SY/MD
Sample : MDL02
Misc : 25 mL/MSVOA V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Manual Integrations
APPROVED

apatel
8/13/2018 5:34:52 PM

Quant Time: Aug 11 00:21:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 11 00:19:35 2018
Response via : Initial Calibration



TIC: VV006991.D

(23) Bromochloromethane (T)

4.302min (-0.003) 0.15ug/L

response 1331

Ion	Exp%	Act%
127.90	100	100
49.10	198.00	181.76
129.95	128.60	148.43
51.05	58.60	52.83

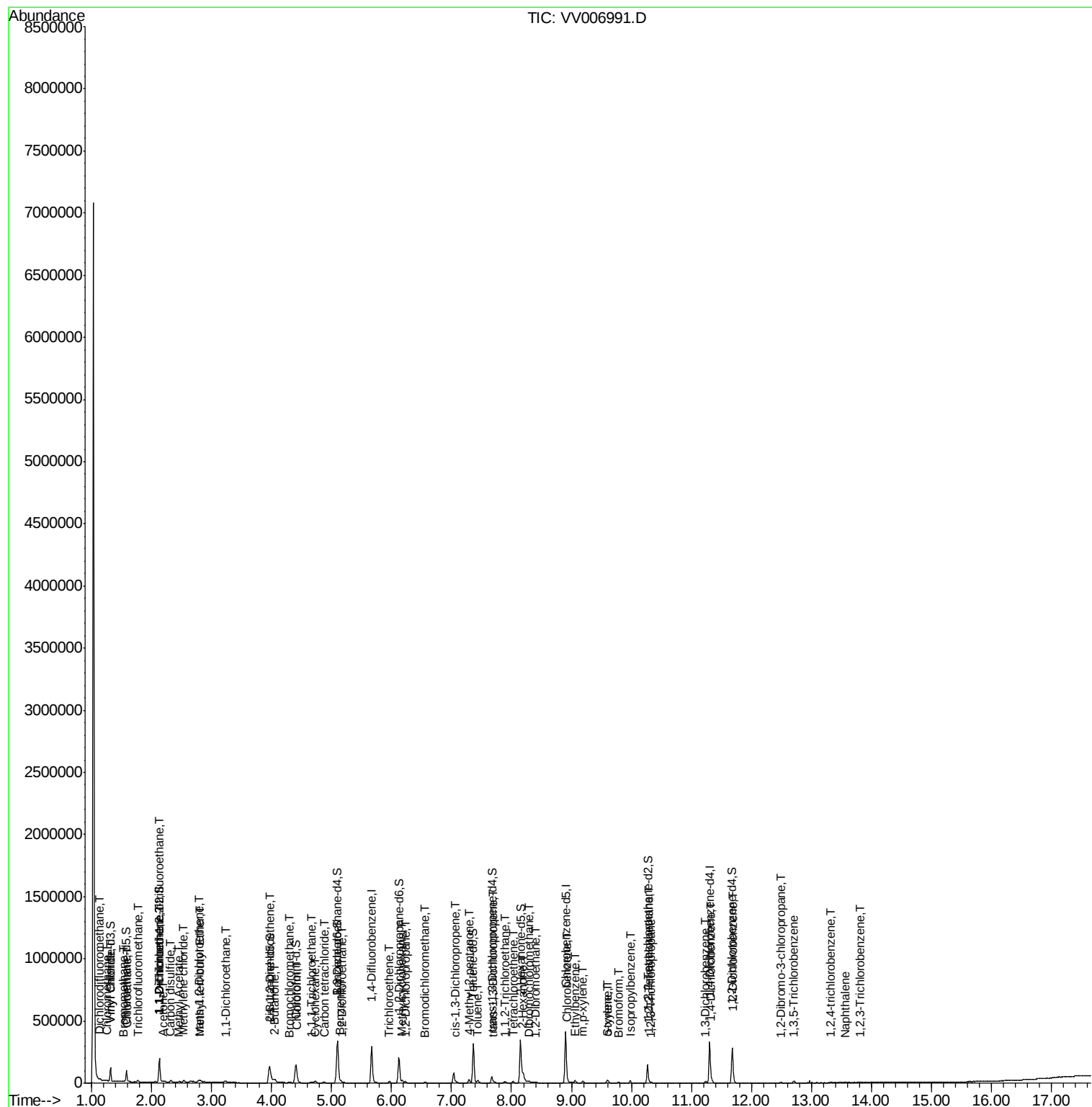
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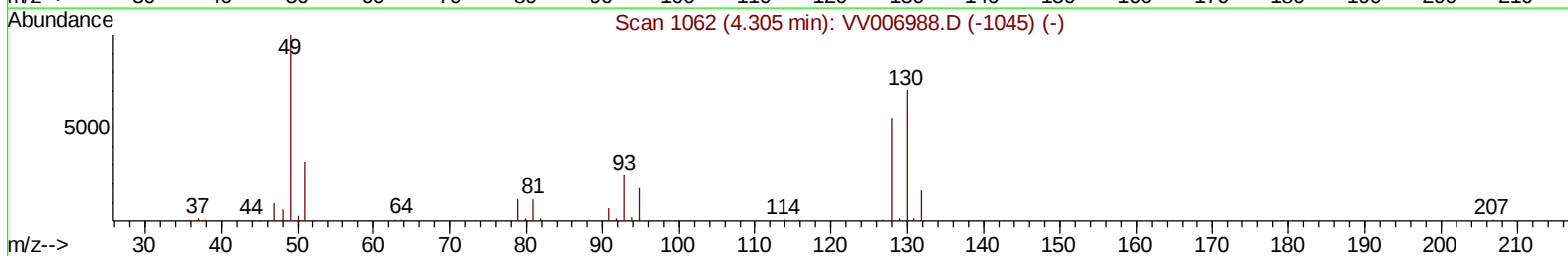
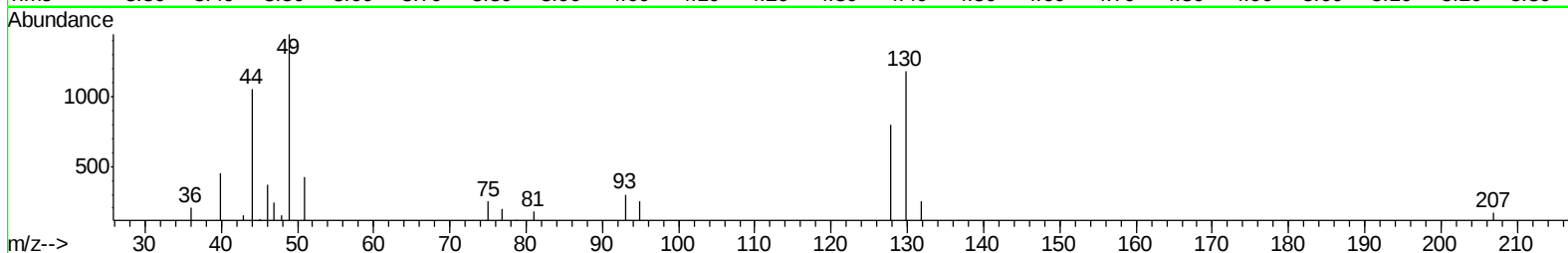
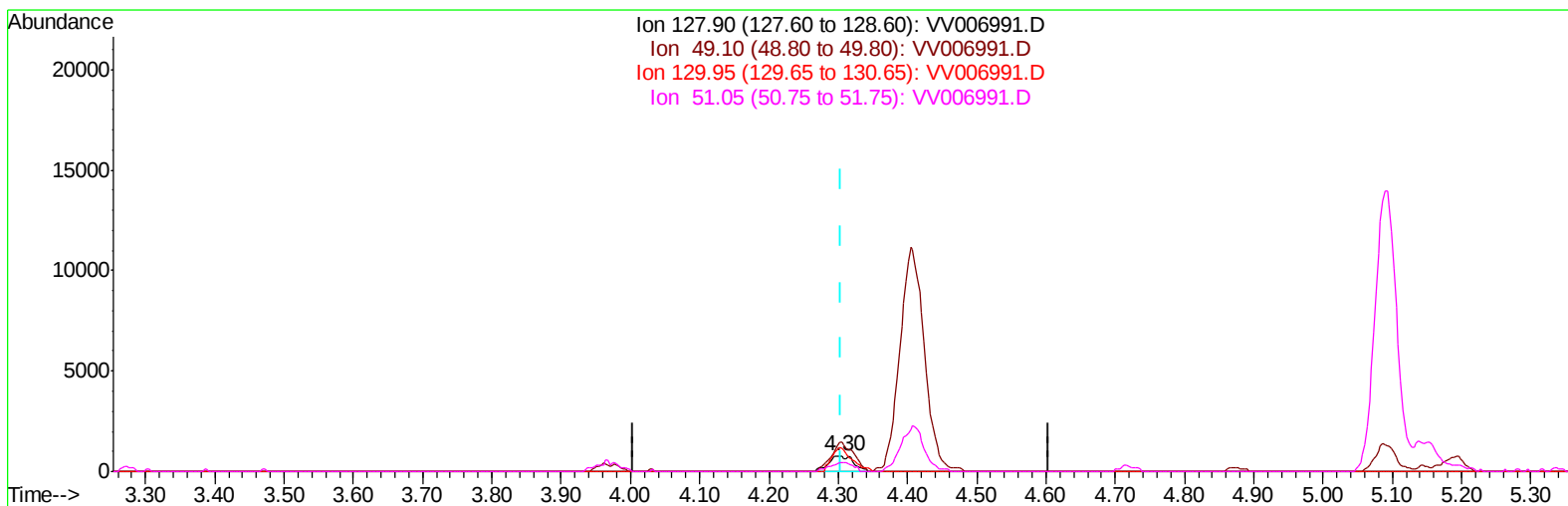
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TIC: VV006991.D

(23) Bromochloromethane (T)

4.302min (-0.003) 0.22ug/L m

response 1933

Ion	Exp%	Act%
127.90	100	100
49.10	198.00	181.76
129.95	128.60	148.43
51.05	58.60	52.83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	246150	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	235609	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96738	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67313	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.58	69	61753	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.13	63	91040	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.97	46	226897	49.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.32%
24) Chloroform-d	4.41	84	153943	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.09	65	78729	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	282510	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	100603	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	209688	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.67	79	29673	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.15	63	119159	40.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74089	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	78885	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	4733	0.197	ug/L	96
3) Chloromethane	1.25	50	5122	0.222	ug/L	92
5) Vinyl chloride	1.32	62	5140	0.216	ug/L #	74
6) Bromomethane	1.53	94	1280	0.247	ug/L	91
8) Chloroethane	1.60	64	2875	0.199	ug/L	98
9) Trichlorofluoromethane	1.77	101	6123	0.202	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4468	0.245	ug/L	87
12) 1,1-Dichloroethene	2.14	96	4615	0.261	ug/L #	1
13) Acetone	2.20	43	6278	2.668	ug/L	95
14) Carbon disulfide	2.32	76	11820	0.203	ug/L #	83
15) Methyl Acetate	2.47	43	1713	0.259	ug/L #	72
16) Methylene chloride	2.54	84	6069	0.285	ug/L	96
17) Methyl tert-butyl Ether	2.82	73	8709	0.205	ug/L #	87
18) trans-1,2-Dichloroethene	2.79	96	4404	0.233	ug/L	90
19) 1,1-Dichloroethane	3.23	63	6891	0.202	ug/L	90
21) 2-Butanone	4.06	43	11632	2.277	ug/L #	68
22) cis-1,2-Dichloroethene	3.96	96	4723	0.220	ug/L	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	1933m	0.221	ug/L	
25) Chloroform	4.44	83	8607	0.230	ug/L	96
27) 1,2-Dichloroethane	5.19	62	4886	0.210	ug/L #	95
29) 1,1,1-Trichloroethane	4.66	97	6197	0.197	ug/L	97
30) Cyclohexane	4.72	56	5802	0.177	ug/L #	91
31) Carbon tetrachloride	4.88	117	5341	0.203	ug/L	96
33) Benzene	5.15	78	15165	0.186	ug/L	100
34) Trichloroethene	5.96	95	3904	0.199	ug/L	95
35) Methylcyclohexane	6.18	83	5181	0.165	ug/L	92
37) 1,2-Dichloropropane	6.23	63	4410	0.197	ug/L #	93
38) Bromodichloromethane	6.56	83	4859	0.191	ug/L #	98
39) cis-1,3-Dichloropropene	7.08	75	4865	0.180	ug/L	92
40) 4-Methyl-2-pentanone	7.29	43	18344	1.520	ug/L #	89
42) Toluene	7.44	91	13697	0.175	ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	3804	0.172	ug/L	88
45) 1,1,2-Trichloroethane	7.89	97	2959	0.204	ug/L	98
47) Tetrachloroethene	8.02	164	3241	0.204	ug/L	96
48) 2-Hexanone	8.20	43	30271	3.556	ug/L	96
49) Dibromochloromethane	8.29	129	3174	0.208	ug/L	92
50) 1,2-Dibromoethane	8.40	107	2275	0.185	ug/L #	82
51) Chlorobenzene	8.93	112	9672	0.193	ug/L	94
52) Ethylbenzene	9.06	91	13819	0.176	ug/L	99
53) m,p-xylene	9.19	106	4742	0.162	ug/L	100
54) o-xylene	9.59	106	4504	0.163	ug/L	99
55) Styrene	9.61	104	6944	0.149	ug/L	90
56) Isopropylbenzene	9.98	105	11007	0.152	ug/L #	95
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	3458	0.196	ug/L #	95
59) 1,2,3-Trichloropropane	10.32	75	2132	0.170	ug/L #	64
61) Bromoform	9.78	173	1485	0.203	ug/L	96
62) 1,3-Dichlorobenzene	11.24	146	6404	0.205	ug/L	96
63) 1,4-Dichlorobenzene	11.33	146	6422	0.200	ug/L	93
65) 1,2-Dichlorobenzene	11.70	146	6238	0.203	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.49	75	382	0.175	ug/L #	58
67) 1,3,5-Trichlorobenzene	12.70	180	4297	0.181	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	2586	0.149	ug/L	97
69) Naphthalene	13.56	128	2904	0.116	ug/L #	89
70) 1,2,3-Trichlorobenzene	13.80	180	2427	0.145	ug/L	97

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