

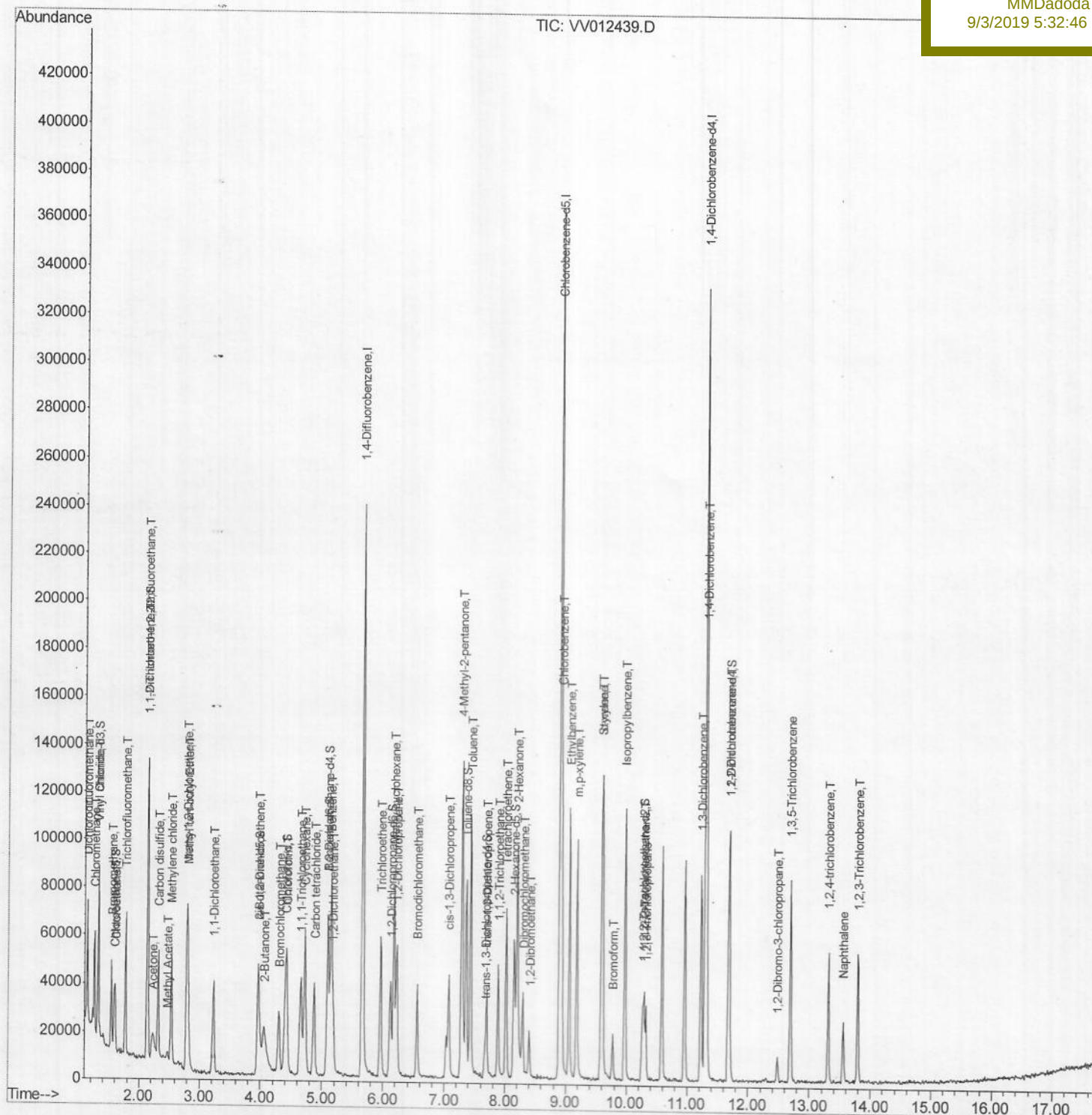
Data File : VV012439.D
Acq On : 29 Aug 2019 18:45
Operator : SY/MD
Sample : VSTD00136
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 30 05:35:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 30 05:22:00 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD00136

Manual Integrations APPROVED

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9/3/2019 5:32:46 PM



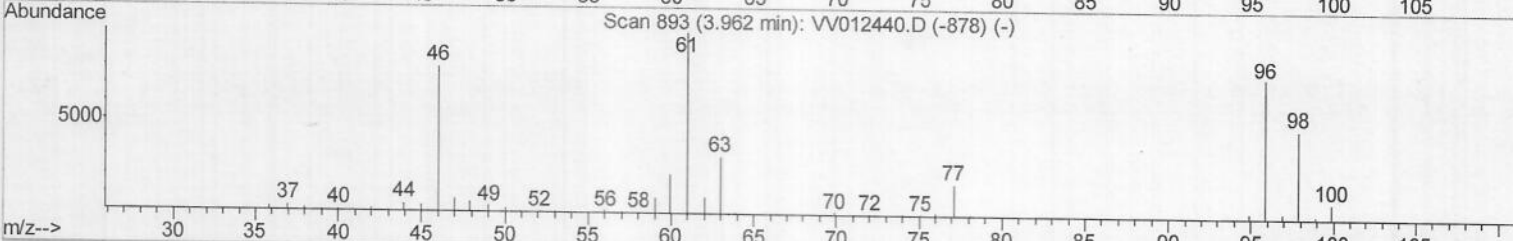
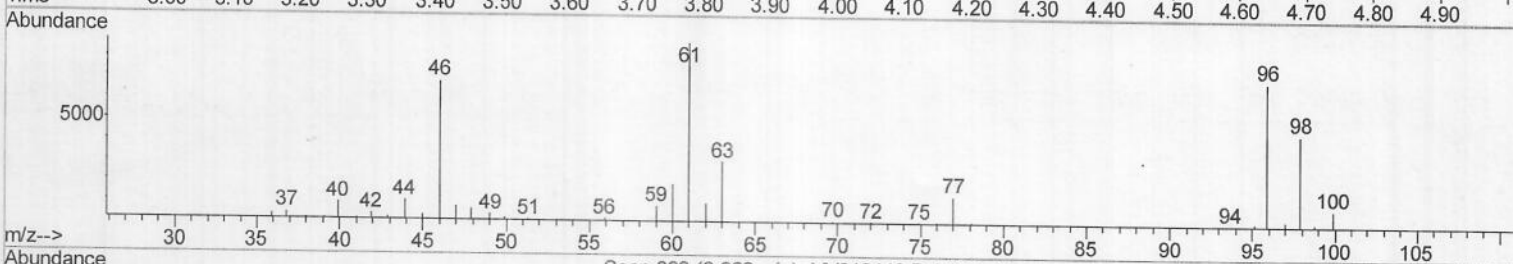
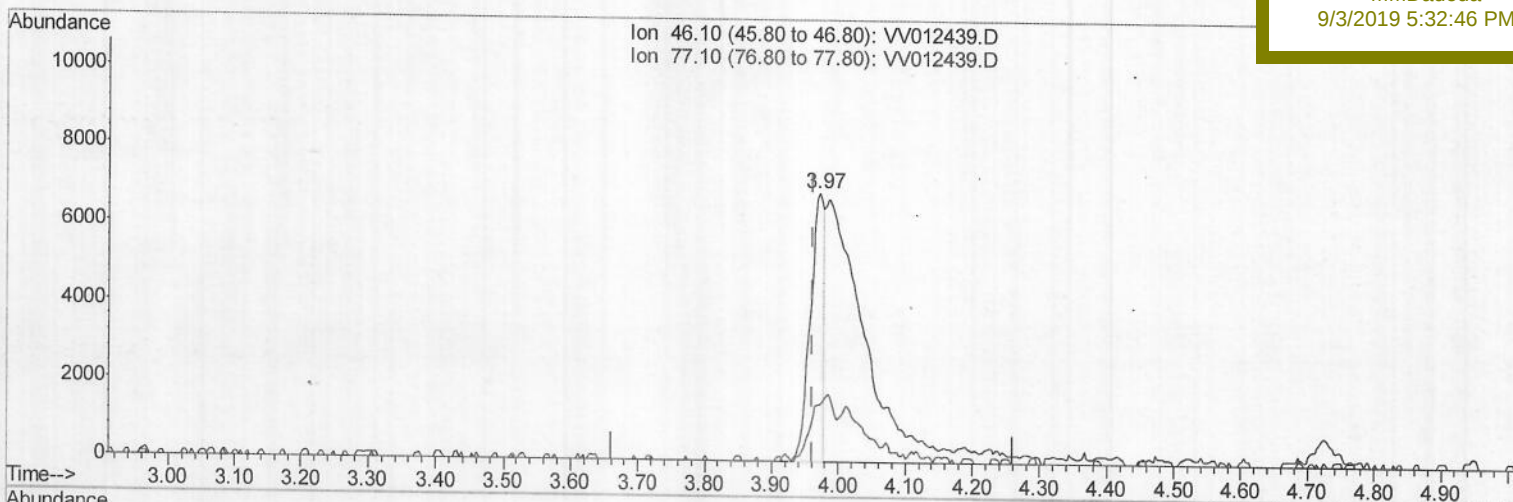
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Acq On : 29 Aug 2019 18:45
Operator : SY/MD
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Quant Time: Aug 30 05:25:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 30 05:22:00 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
Client Sampled :
VSTD00136

Manual Integrations
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TIC: VV012439.D

(20) 2-Butanone-d5 (S)

3.971min (+0.010) 3.12ug/L

response 9829

Ion	Exp%	Act%
46.10	100	100
77.10	21.30	40.30#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082919\

Quantitation Report (Qedit)

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Misc : 25mL/MSVOA_V/WATER

ALS Vial : 4 Sample Multiplier: 1

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Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Aug 30 05:22:00 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampled :

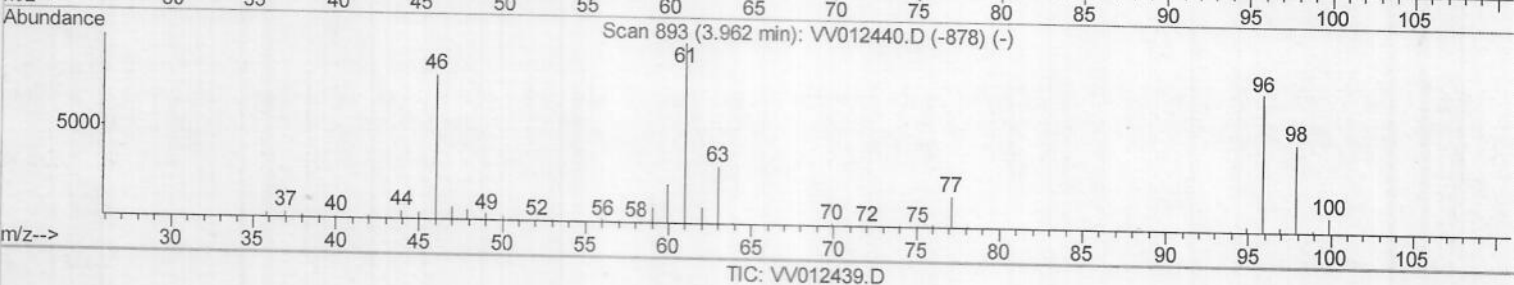
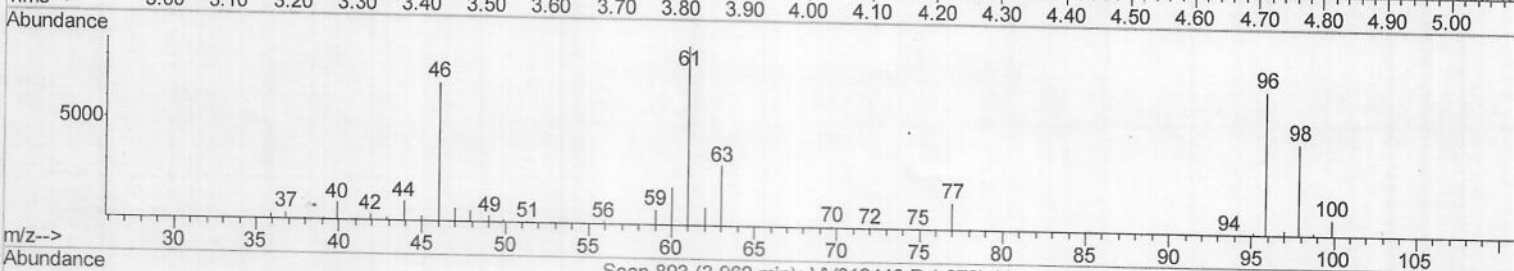
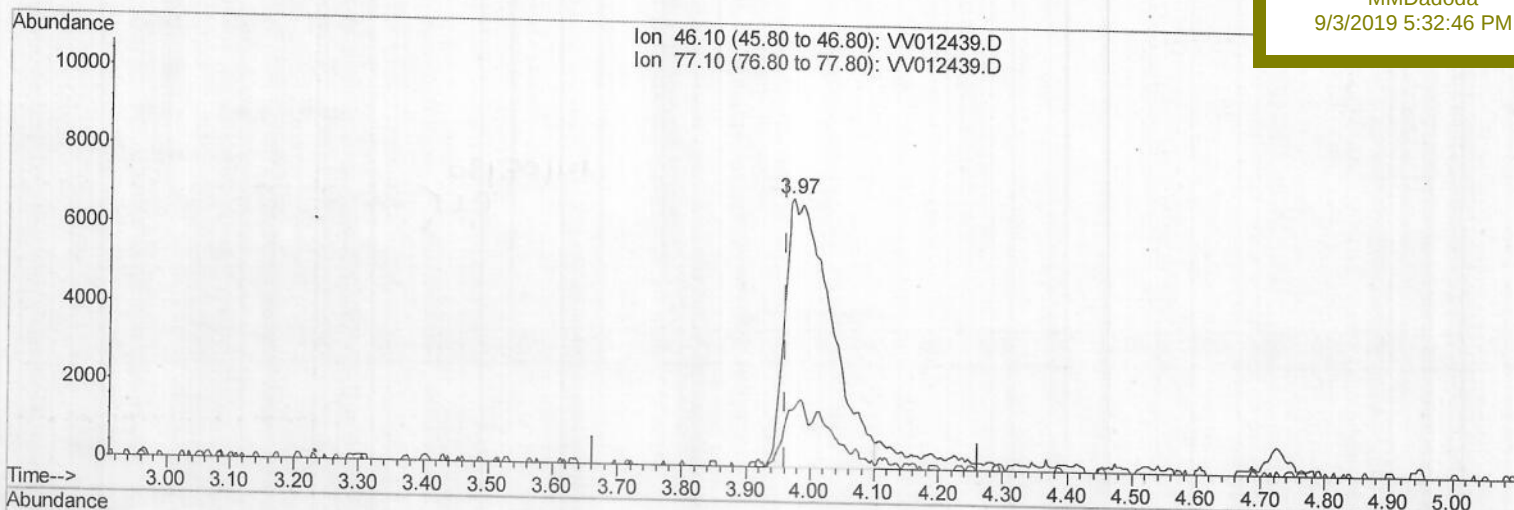
VSTD00136

Manual Integrations

APPROVED

MMDadoda

9/3/2019 5:32:46 PM



(20) 2-Butanone-d5 (S)

3.971min (+0.010) 10.97ug/L m) MDO9707119

response 34575

Ion	Exp%	Act%
46.10	100	100
77.10	21.30	11.46#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations
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9/3/2019 5:32:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	197731	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	194145	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	86332	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18895	3.92	ug/L	0.00
7) Chloroethane-d5	1.58	69	13649	3.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	30159	2.07	ug/L	0.00
20) 2-Butanone-d5	3.97	46	34575m)	10.97	ug/L	0.00
24) Chloroform-d	4.40	84	31123	1.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	15327	1.76	ug/L	0.00
32) Benzene-d6	5.10	84	56210	1.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	18795	1.56	ug/L	0.00
41) Toluene-d8	7.36	98	49281	1.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	6094	1.36	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	21889	9.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	13019	1.16	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	17130	1.28	ug/L	0.00

) MD09/07/19

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	26719	0.950 ug/L	99
3) Chloromethane	1.25	50	28163	1.195 ug/L	95
5) Vinyl chloride	1.32	62	26639	1.222 ug/L	98
6) Bromomethane	1.54	94	14751	1.279 ug/L	94
8) Chloroethane	1.60	64	13795	1.198 ug/L	100
9) Trichlorofluoromethane	1.77	101	33949	1.142 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	16498	1.137 ug/L	99
12) 1,1-Dichloroethene	2.14	96	15351	1.112 ug/L	97
13) Acetone	2.24	43	25586	11.126 ug/L	67
14) Carbon disulfide	2.32	76	47653	1.140 ug/L	99
15) Methyl Acetate	2.47	43	6867	1.219 ug/L	98
16) Methylene chloride	2.53	84	19559	1.305 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	41691	1.017 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	19566	1.035 ug/L	97
19) 1,1-Dichloroethane	3.23	63	38618	1.040 ug/L	99
21) 2-Butanone	4.06	43	44928	9.582 ug/L	# 68
22) cis-1,2-Dichloroethene	3.96	96	19526	0.964 ug/L	96
23) Bromochloromethane	4.30	128	9321	1.089 ug/L	88
25) Chloroform	4.43	83	42192	1.090 ug/L	98
27) 1,2-Dichloroethane	5.18	62	22436	1.028 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	31483	0.991 ug/L	96
30) Cyclohexane	4.72	56	27486	0.852 ug/L	99
31) Carbon tetrachloride	4.87	117	27605	0.989 ug/L	97
33) Benzene	5.14	78	79289	0.987 ug/L	100
34) Trichloroethene	5.96	95	20097	0.966 ug/L	97
35) Methylcyclohexane	6.17	83	26390	0.828 ug/L	97
37) 1,2-Dichloropropane	6.22	63	20244	0.989 ug/L	# 97
38) Bromodichloromethane	6.55	83	25046	0.953 ug/L	# 95
39) cis-1,3-Dichloropropene	7.07	75	24877	0.920 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	108166	9.267 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	78213	0.947	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	19241	0.914	ug/L	94
45) 1,1,2-Trichloroethane	7.88	97	13971	1.019	ug/L	95
47) Tetrachloroethene	8.02	164	16171	0.954	ug/L	97
48) 2-Hexanone	8.19	43	71949	8.948	ug/L	99
49) Dibromochloromethane	8.29	129	15564	0.959	ug/L	96
50) 1,2-Dibromoethane	8.40	107	12310	0.993	ug/L	93
51) Chlorobenzene	8.92	112	50299	0.951	ug/L	99
52) Ethylbenzene	9.05	91	76572	0.863	ug/L	100
53) m,p-xylene	9.18	106	26900	0.814	ug/L	94
54) o-xylene	9.59	106	26429	0.833	ug/L	90
55) Styrene	9.60	104	42073	0.789	ug/L	97
56) Isopropylbenzene	9.97	105	68543	0.811	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	16810	1.029	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	11955	1.027	ug/L	91
61) Bromoform	9.77	173	8231	1.007	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	34944	0.947	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	37131	1.006	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	33839	0.982	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	2558	1.065	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	25220	0.891	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	16555	0.757	ug/L	97
69) Naphthalene	13.55	128	20458	0.608	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	16396	0.778	ug/L	97

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