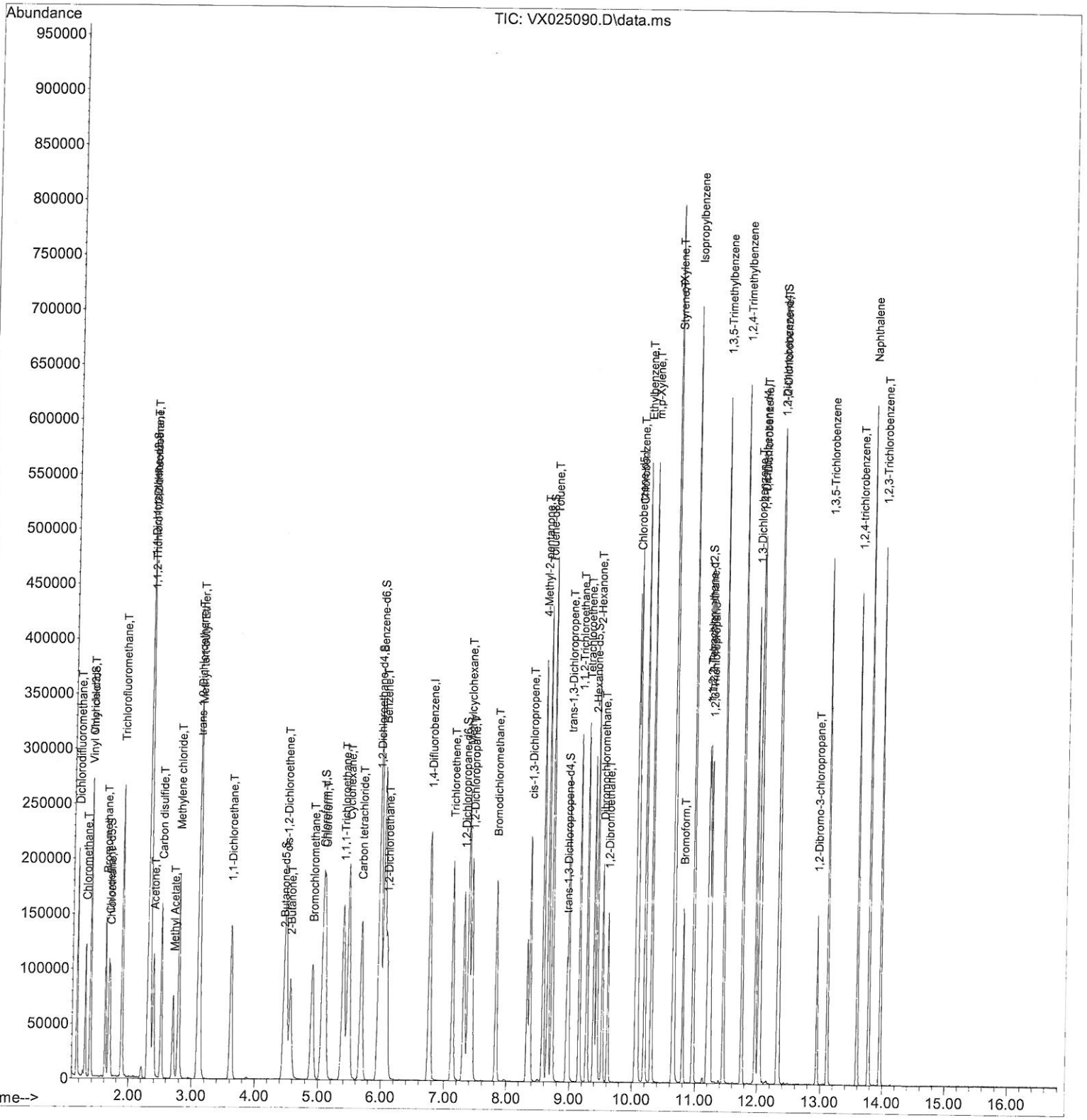
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
Data File : VX025090.D
Acq On : 08 Nov 2021 10:13
Operator : JC/MD
Sample : VSTD05026
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 09 03:36:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 09 03:33:09 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTD050626

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



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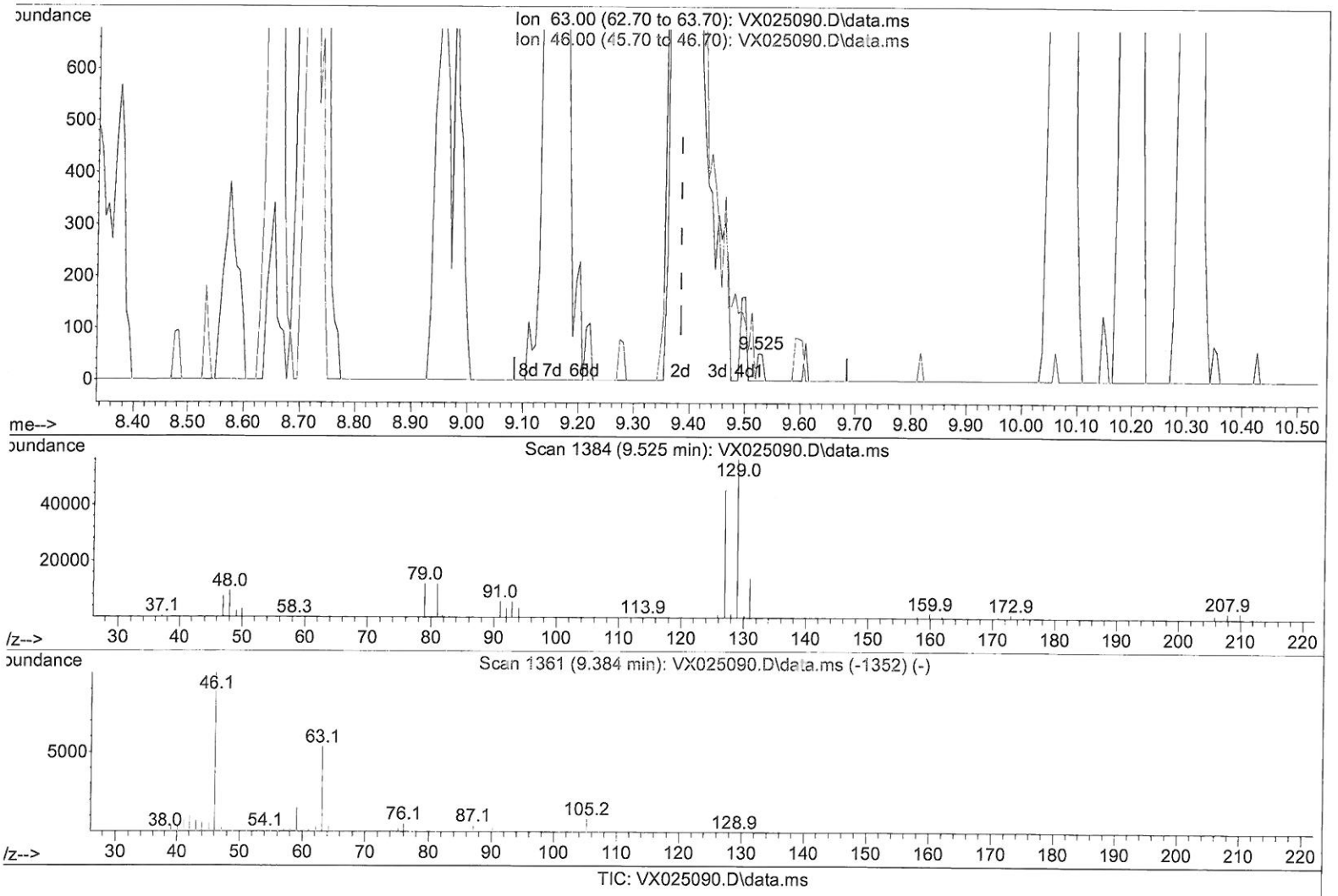

TIC: VX025090.D\data.ms

(47) 2-Hexanone-d5 (S)

9.525min (+ 0.140) 0.05 ug/L

response 38

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	140.40	126.32
0.00	0.00	0.00
0.00	0.00	0.00

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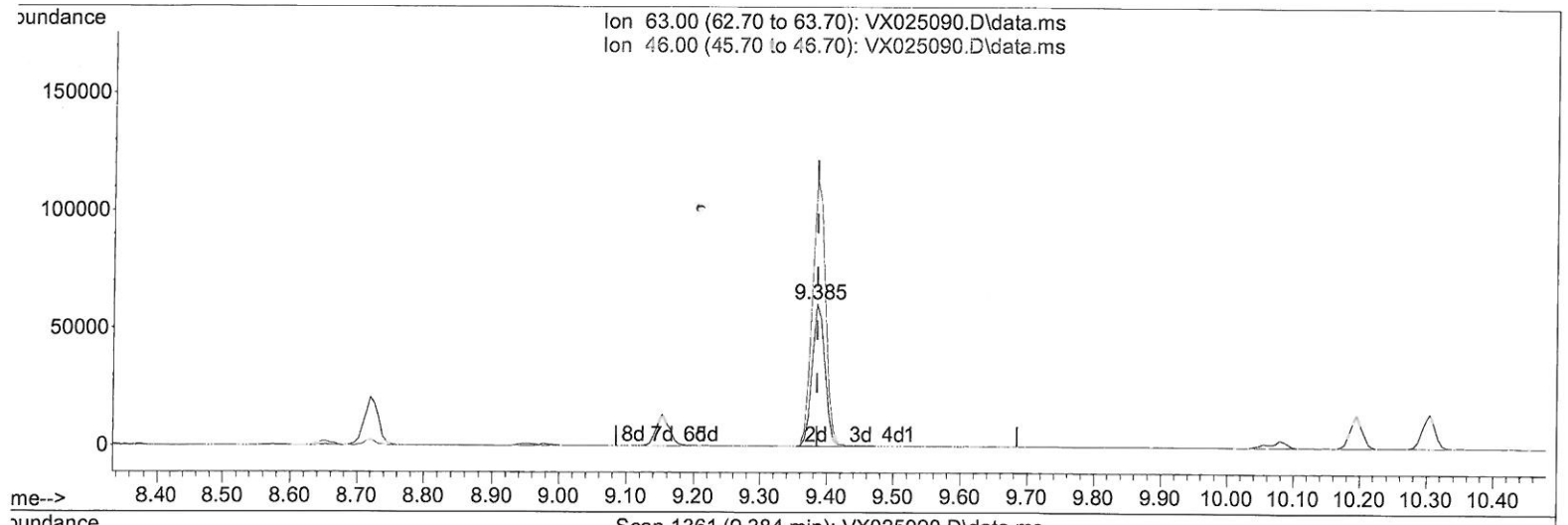

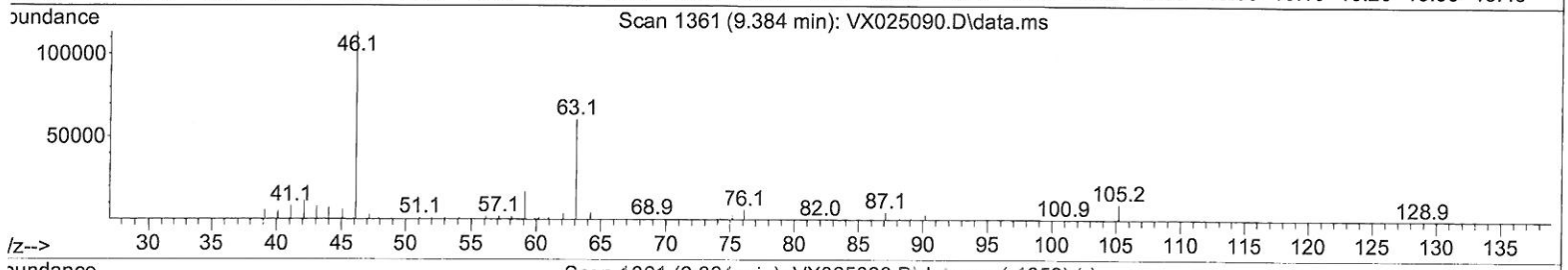

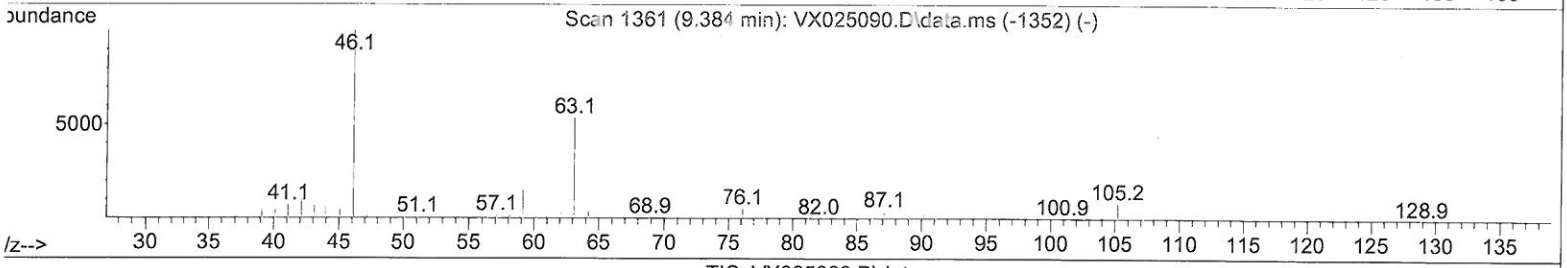

TIC: VX025090.D\data.ms

(47) 2-Hexanone-d5 (S)

9.384min (0.000) 100.09 ug/L m

response 81805

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	140.40	0.06#
0.00	0.00	0.00
0.00	0.00	0.00

11/09/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	221800	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	169365	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	76246	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	100442	66.548	ug/L	0.00
7) Chloroethane-d5	1.672	69	68686	66.408	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	185458	52.984	ug/L	0.00
21) 2-Butanone-d5	4.459	46	136700	98.529	ug/L	0.00
24) Chloroform-d	5.062	84	196820	53.150	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	128641	48.161	ug/L	0.00
32) Benzene-d6	5.977	84	329925	64.524	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	82193	50.862	ug/L	0.00
41) Toluene-d8	8.653	98	236382	51.567	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	50011	53.401	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	81805m	100.093	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	104647	48.575	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	77491	52.639	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	107868	51.666	ug/L	100
3) Chloromethane	1.295	50	75697	52.052	ug/L	94
5) Vinyl chloride	1.374	62	94937	56.842	ug/L	97
6) Bromomethane	1.618	94	60289	56.102	ug/L	94
8) Chloroethane	1.691	64	58061	66.388	ug/L	97
9) Trichlorofluoromethane	1.892	101	176826	49.572	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	85339	52.047	ug/L	93
12) 1,1-Dichloroethene	2.325	96	76111	54.207	ug/L	86
13) Acetone	2.386	43	130739	98.394	ug/L	96
14) Carbon disulfide	2.514	76	194460	51.908	ug/L	99
15) Methyl Acetate	2.709	43	89557	47.111	ug/L #	79
16) Methylene chloride	2.794	84	84570	53.084	ug/L	84
17) trans-1,2-Dichloroethene	3.093	96	75848	53.309	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	299078	51.418	ug/L #	92
19) 1,1-Dichloroethane	3.611	63	162482	49.862	ug/L	92
20) cis-1,2-Dichloroethene	4.495	96	88657	54.569	ug/L	88
22) 2-Butanone	4.562	43	156790	96.470	ug/L	83
23) Bromochloromethane	4.910	128	42298	53.035	ug/L #	69
25) Chloroform	5.099	83	180742	49.821	ug/L	99
27) 1,2-Dichloroethane	6.092	62	144391	45.982	ug/L	99
29) Cyclohexane	5.477	56	138761	58.767	ug/L #	81
30) 1,1,1-Trichloroethane	5.391	97	162238	54.742	ug/L #	93
31) Carbon tetrachloride	5.678	117	135545	54.172	ug/L	99
33) Benzene	6.044	78	336515	61.219	ug/L	100
34) Trichloroethene	7.129	95	77120	49.398	ug/L	99
35) Methylcyclohexane	7.385	83	110011	49.114	ug/L #	87
37) 1,2-Dichloropropane	7.440	63	74768	50.777	ug/L	98
38) Bromodichloromethane	7.824	83	120172	52.706	ug/L #	96
39) cis-1,3-Dichloropropene	8.373	75	110676	46.987	ug/L	94
40) 4-Methyl-2-pentanone	8.574	43	225302	99.622	ug/L #	78
42) Toluene	8.720	91	285356	50.383	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	130119	52.616	ug/L	98

MD 11/09/21

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	76232	53.963 ug/L	93
46) Tetrachloroethene	9.275	164	49994	51.117 ug/L	95
48) 2-Hexanone	9.433	43	200027	105.079 ug/L #	78
49) Dibromochloromethane	9.525	129	80674	51.929 ug/L	96
50) 1,2-Dibromoethane	9.610	107	80391	52.202 ug/L #	96
51) Chlorobenzene	10.079	112	181785	52.744 ug/L	94
52) Ethylbenzene	10.195	91	316491	48.904 ug/L	99
53) m,p-Xylene	10.305	106	114072	50.734 ug/L	99
54) o-Xylene	10.646	106	106203	48.706 ug/L	97
55) Styrene	10.659	104	186922	50.429 ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	104307	47.725 ug/L	94
59) Bromoform	10.799	173	49828	53.415 ug/L #	98
60) Isopropylbenzene	10.964	105	351106	58.968 ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	91388	49.772 ug/L	91
62) 1,3,5-Trimethylbenzene	11.451	105	259721	52.251 ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	267550	53.270 ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	115875	51.722 ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	114957	49.827 ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	121677	53.000 ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	32300	53.362 ug/L #	86
69) 1,3,5-Trichlorobenzene	13.116	180	96442	58.129 ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	94339	65.108 ug/L	98
71) Naphthalene	13.780	128	365910	71.645 ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	97197	65.300 ug/L	96

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