

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040721\
Data File : VU042971.D
Acq On : 07 Apr 2021 09:37
Operator : SY/MD
Sample : VSTD00534
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

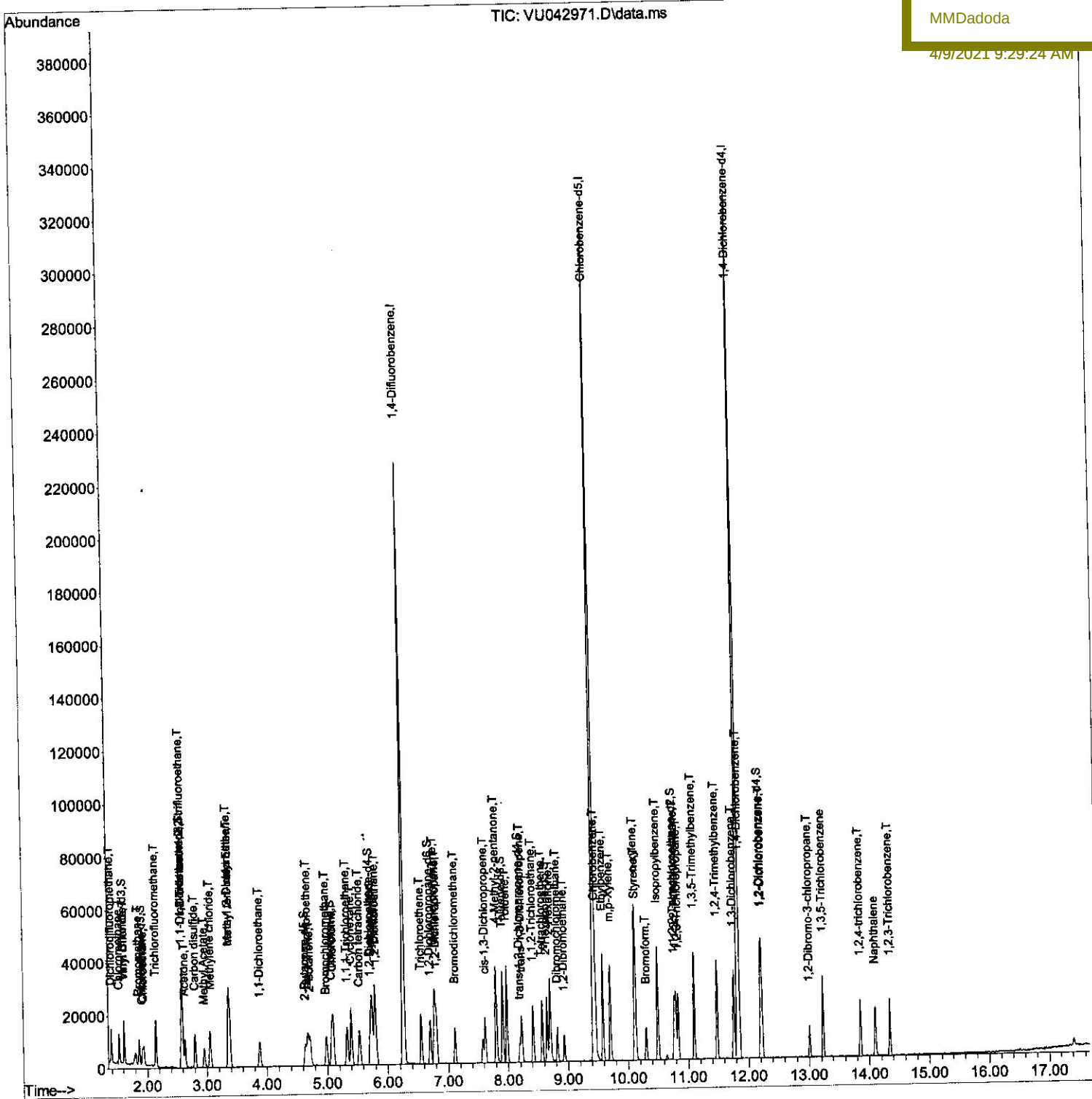
Quant Time: Apr 08 08:25:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 08 08:24:29 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD005303

Manual Integrations

MMDadoda

4/9/2021 9:29:24 AM



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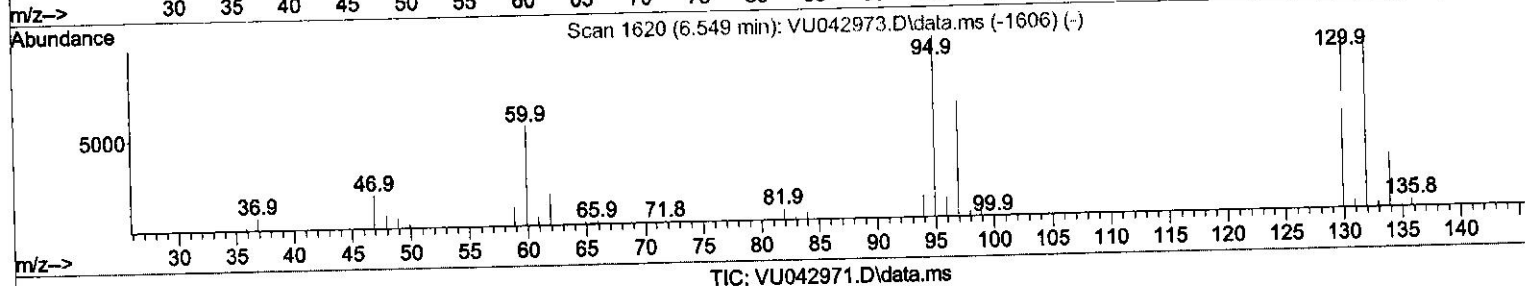
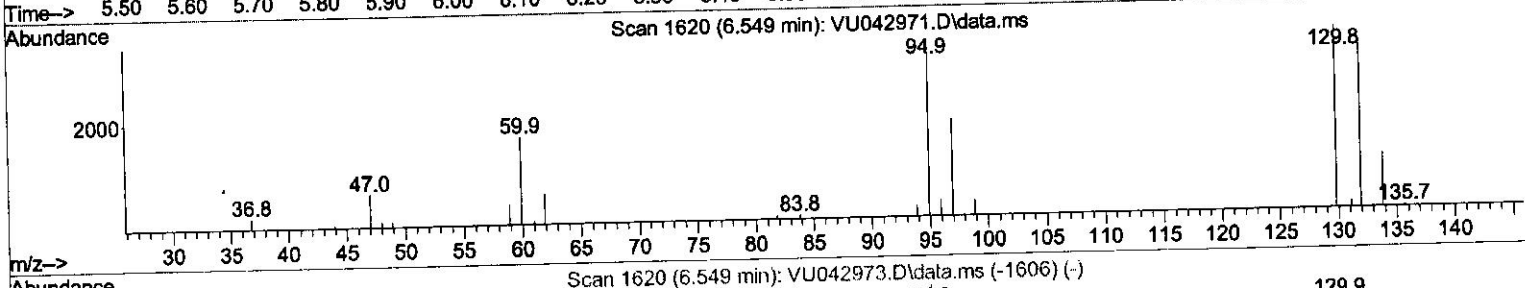
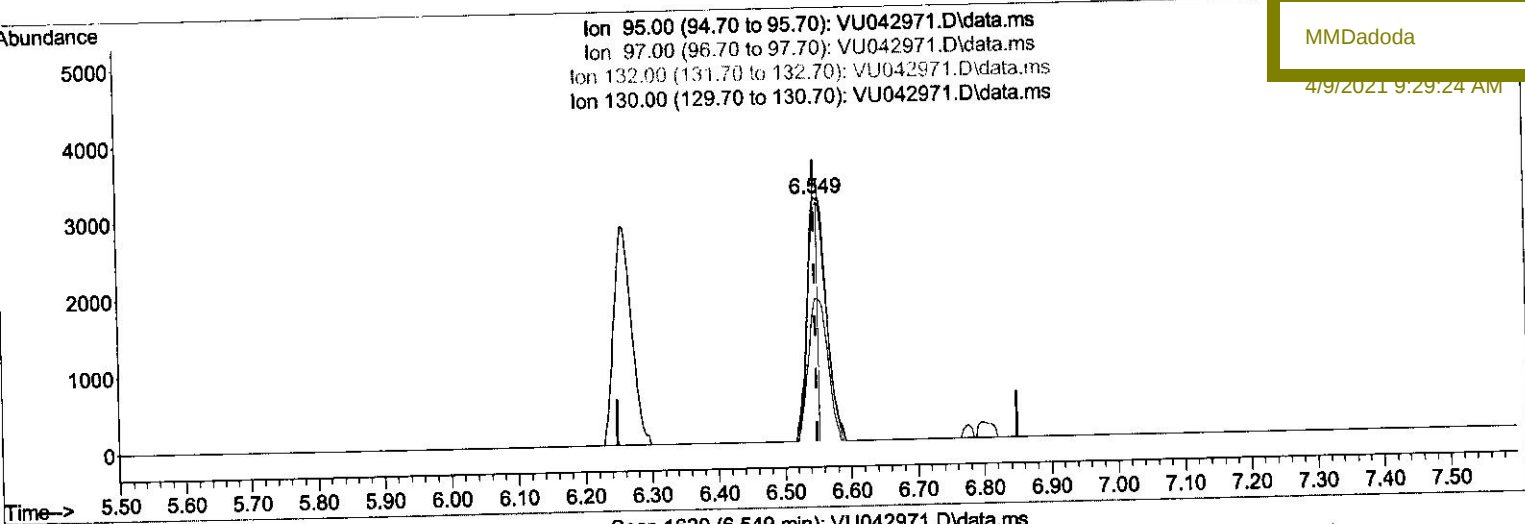
Instrument :
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ClientSampled :
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TIC: VU042971.D\data.ms

(34) Trichloroethene (T)

6.549min (+ 0.000) 2.86 ug/L

response 3653

Ion	Exp%	Act%
95.00	100.00	100.00
97.00	63.20	58.69
132.00	92.40	96.40
130.00	97.30	107.27

Quantitation Report (Qedit)

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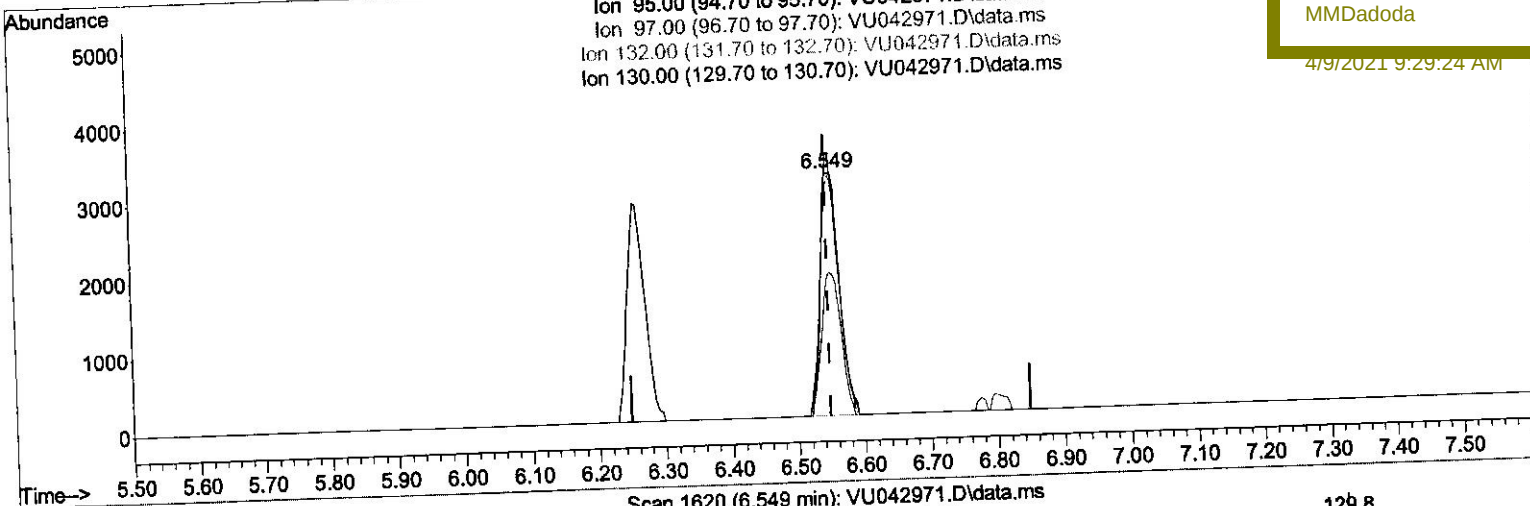
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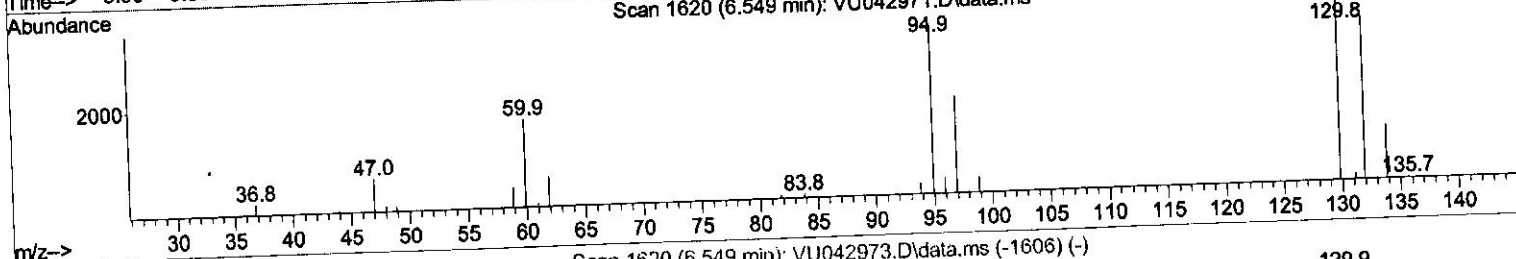
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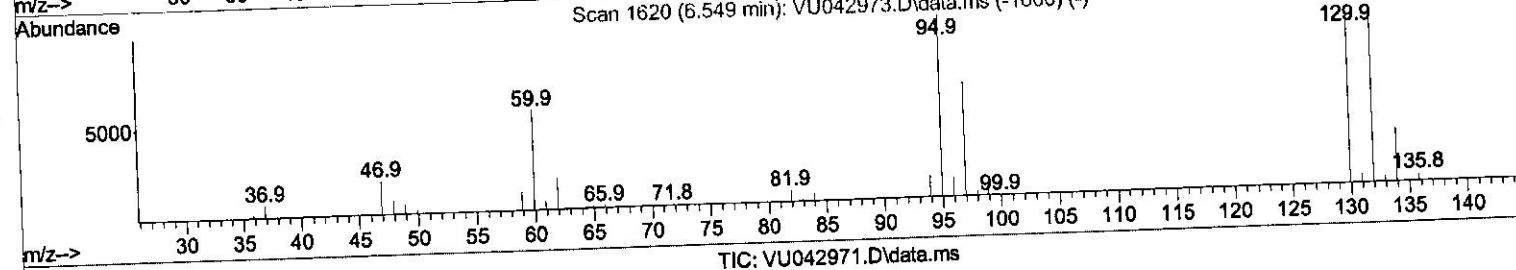
Ion 95.00 (94.70 to 95.70): VU042971.D\data.ms
 Ion 97.00 (96.70 to 97.70): VU042971.D\data.ms
 Ion 132.00 (131.70 to 132.70): VU042971.D\data.ms
 Ion 130.00 (129.70 to 130.70): VU042971.D\data.ms



Scan 1620 (6.549 min): VU042971.D\data.ms



Scan 1620 (6.549 min): VU042973.D\data.ms (-1606) (-)



TIC: VU042971.D\data.ms

(34) Trichloroethene (T)

6.549min (+ 0.000) 5.00 ug/L m } M D
 4/9/21

response	6400	
Ion	Exp%	Act%
95.00	100.00	100.00
97.00	63.20	58.69
132.00	92.40	96.40
130.00	97.30	107.27

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	169141	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	159479	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	81339	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	4717	3.89	ug/L	0.00
7) Chloroethane-d5	1.916	69	4222	4.93	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	11419	4.35	ug/L	0.00
21) 2-Butanone-d5	4.639	46	13128	9.93	ug/L	0.01
24) Chloroform-d	5.073	84	12219	4.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	10068	5.63	ug/L	0.00
32) Benzene-d6	5.739	84	21575	4.78	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	7491	4.94	ug/L	0.00
41) Toluene-d8	7.906	98	21275	4.94	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	3391	4.30	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	7676	8.76	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	10961	4.71	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.202	152	8401	4.97	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	6958	4.97	ug/L	95
3) Chloromethane	1.524	50	7186	5.46	ug/L	97
5) Vinyl chloride	1.611	62	6497	5.07	ug/L	95
6) Bromomethane	1.858	94	4327	5.78	ug/L	84
8) Chloroethane	1.938	64	4651	6.48	ug/L	90
9) Trichlorofluoromethane	2.144	101	10770	5.37	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	5748	4.88	ug/L	91
12) 1,1-Dichloroethene	2.588	96	5047	4.71	ug/L	94
13) Acetone	2.633	43	12538	10.86	ug/L	99
14) Carbon disulfide	2.800	76	16157	4.93	ug/L	99
15) Methyl Acetate	2.958	43	9545	5.14	ug/L	99
16) Methylene chloride	3.061	84	6278	5.13	ug/L	95
17) trans-1,2-Dichloroethene	3.363	96	5709	5.08	ug/L	93
18) Methyl tert-butyl Ether	3.369	73	18441	4.59	ug/L	97
19) 1,1-Dichloroethane	3.884	63	11332	4.87	ug/L	95
20) cis-1,2-Dichloroethene	4.678	96	6076	4.78	ug/L	96
22) 2-Butanone	4.713	43	15931	10.31	ug/L	99
23) Bromochloromethane	4.980	128	3322	4.94	ug/L	81
25) Chloroform	5.096	83	11748	4.94	ug/L	100
27) 1,2-Dichloroethane	5.803	62	10530	5.00	ug/L	100
29) Cyclohexane	5.398	56	10235	4.84	ug/L	98
30) 1,1,1-Trichloroethane	5.327	97	10632	4.93	ug/L	99
31) Carbon tetrachloride	5.533	117	8792	4.70	ug/L	95
33) Benzene	5.784	78	22746	4.69	ug/L	100
34) Trichloroethene	6.549	95	6400m	5.00	ug/L	
35) Methylcyclohexane	6.771	83	9550	4.84	ug/L	99
37) 1,2-Dichloropropane	6.803	63	6542	4.84	ug/L #	96
38) Bromodichloromethane	7.115	83	8668	4.74	ug/L #	96
39) cis-1,3-Dichloropropene	7.613	75	9062	4.32	ug/L	89
40) 4-Methyl-2-pentanone	7.800	43	25702	9.39	ug/L	98
42) Toluene	7.977	91	24711	4.72	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	9243	4.44	ug/L	88

M.D
 4/10/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.411	97	5872	4.69	ug/L	92
46) Tetrachloroethene	8.562	164	5144	5.10	ug/L	97
48) 2-Hexanone	8.691	43	21442	9.64	ug/L	98
49) Dibromochloromethane	8.819	129	6669	4.58	ug/L	99
50) 1,2-Dibromoethane	8.932	107	6771	4.84	ug/L #	98
51) Chlorobenzene	9.456	112	16217	4.90	ug/L	98
52) Ethylbenzene	9.578	91	26818	4.60	ug/L	98
53) m,p-Xylene	9.700	106	9459	4.34	ug/L	99
54) o-xylene	10.109	106	9718	4.50	ug/L	100
55) Styrene	10.125	104	15699	4.24	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	11075	4.80	ug/L	99
59) Bromoform	10.301	173	5593	4.92	ug/L #	89
60) 1,2,3-Trichloropropane	10.832	75	9610	5.32	ug/L	99
61) Isopropylbenzene	10.491	105	26156	4.83	ug/L	100
62) 1,3,5-Trimethylbenzene	11.096	105	21404	4.57	ug/L	99
63) 1,2,4-Trimethylbenzene	11.478	105	20272	4.27	ug/L	98
64) 1,3-Dichlorobenzene	11.755	146	13203	5.14	ug/L	93
65) 1,4-Dichlorobenzene	11.845	146	12740	4.86	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	12735	4.84	ug/L	91
68) 1,2-Dibromo-3-chloropr...	13.006	75	2905	4.88	ug/L	92
69) 1,3,5-Trichlorobenzene	13.227	180	9462	4.81	ug/L	96
70) 1,2,4-trichlorobenzene	13.848	180	6987	4.29	ug/L	94
71) Naphthalene	14.096	128	15189	2.98	ug/L	97
72) 1,2,3-Trichlorobenzene	14.340	180	6168	3.74	ug/L	92

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