

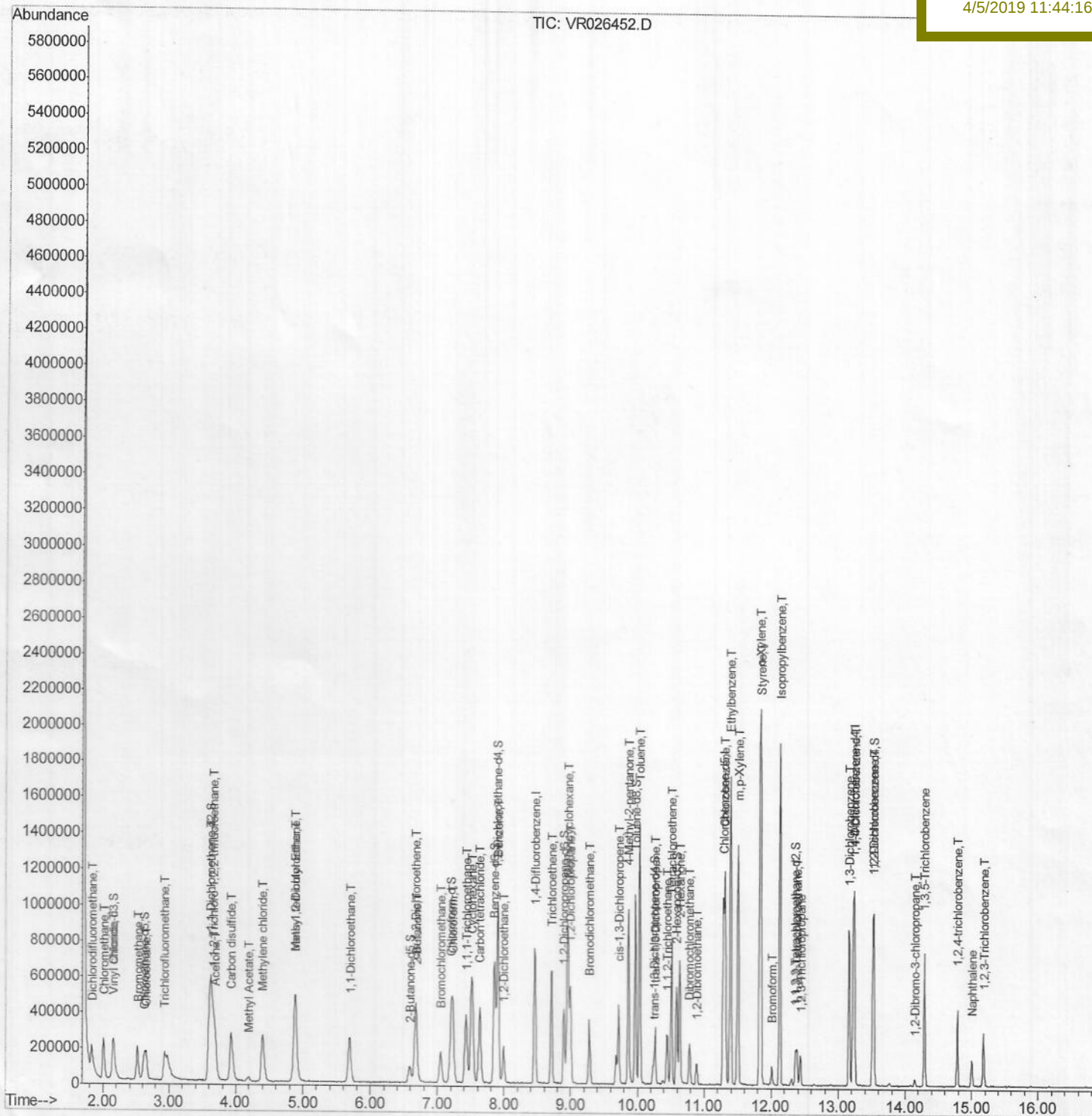
Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040419\
Data File : VR026452.D
Acq On : 4 Apr 2019 18:05
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA R/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 05 07:57:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 05 07:16:54 2019
Response via : Initial Calibration

Instrument :
MSVOA_R
LabSampleId :
VSTD00596

Manual Integrations
APPROVED

MMDadoda
4/5/2019 11:44:16 AM



Quantitation Report (Qedit)

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Sample : VSTDCCC005EC

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ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 17 01:10:51 2019

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Quant Title : TRACE VOA SOM01.0

QLast Update : Thu Apr 11 04:17:38 2019

Response via : Initial Calibration

Instrument :

MSVOA_R

LabSampleId :

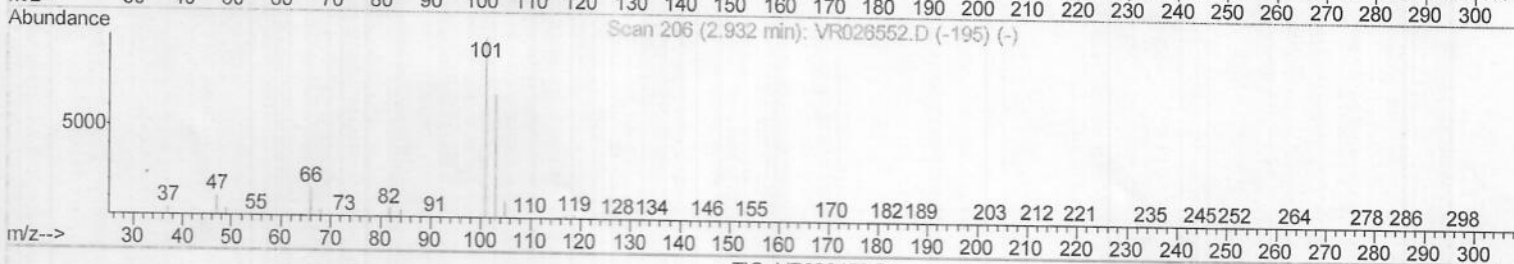
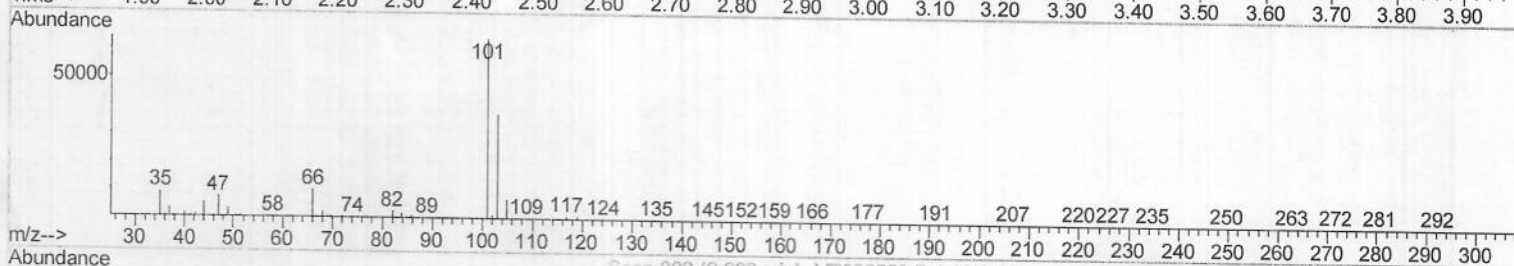
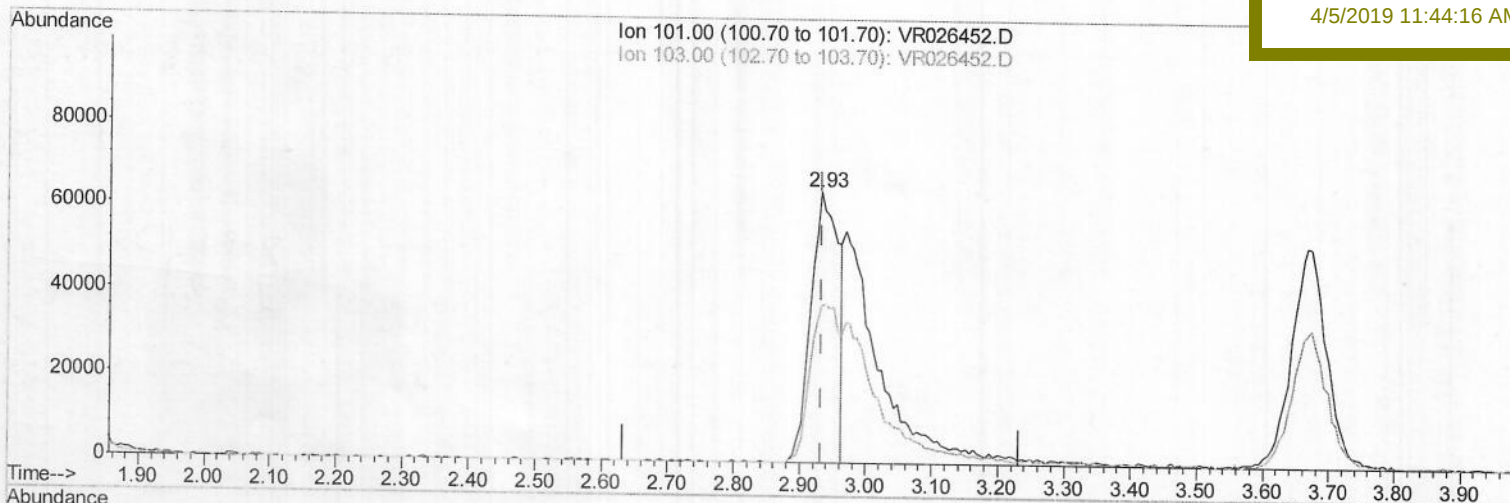
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4/5/2019 11:44:16 AM



(9) Trichlorofluoromethane (T)

2.932min (-0.000) 2.54ug/L

response 187776

Ion	Exp%	Act%
101.00	100	100
103.00	60.20	61.33
0.00	0.00	0.00
0.00	0.00	0.00

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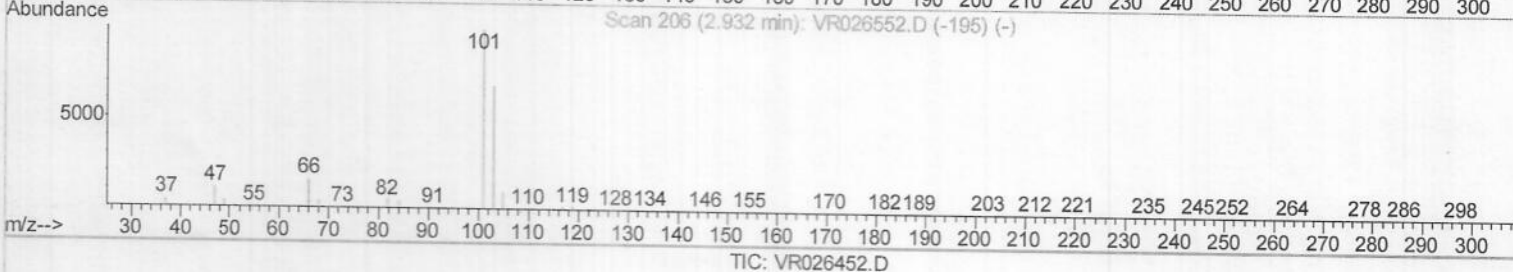
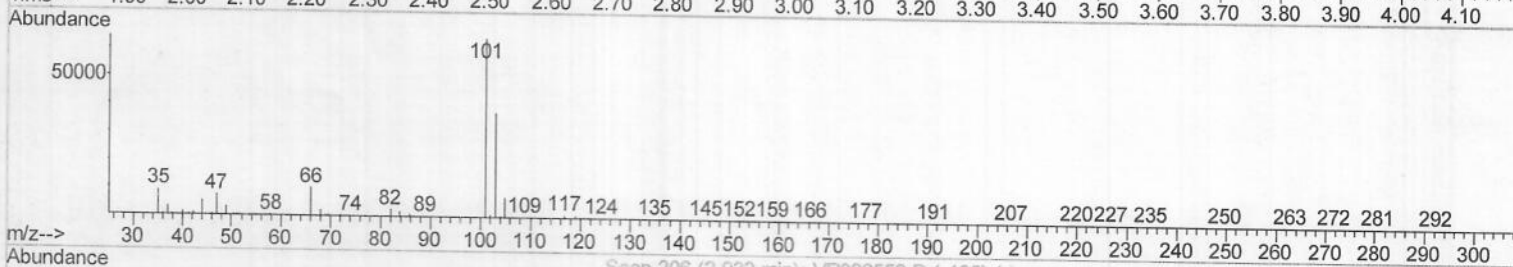
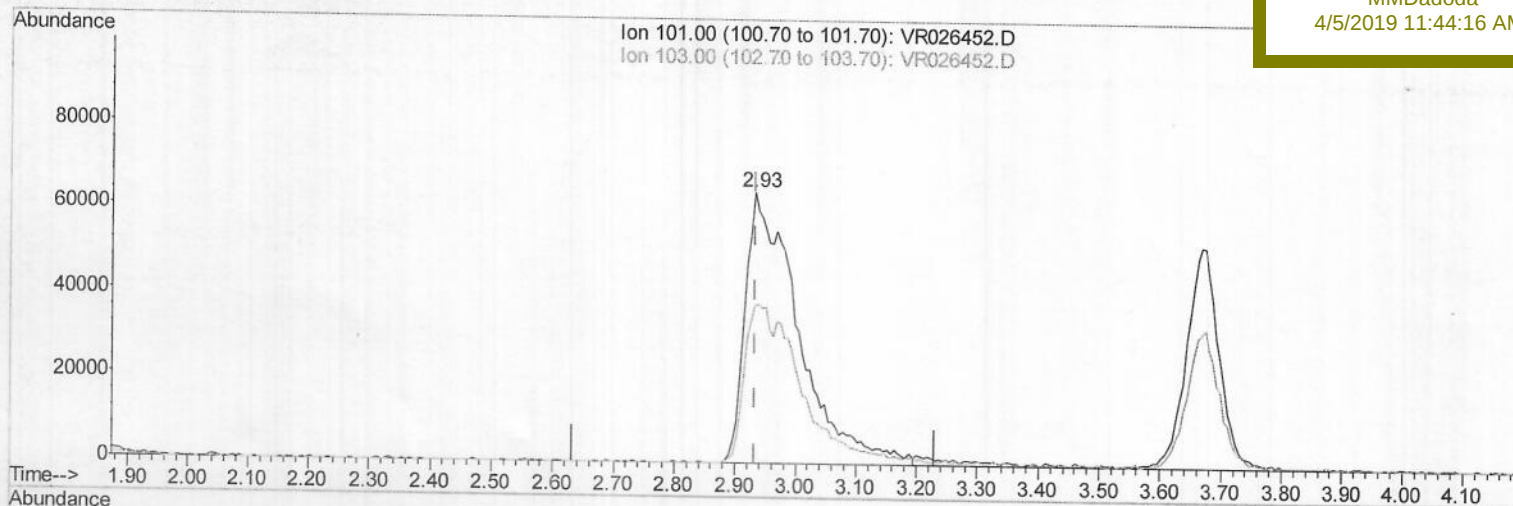
VSTD00596

Manual Integrations

APPROVED

MMDadoda

4/5/2019 11:44:16 AM



(9) Trichlorofluoromethane (T)

2.932min (-0.000) 5.31ug/L m

response 392559

Ion	Exp%	Act%
101.00	100	100
103.00	60.20	29.33#
0.00	0.00	0.00
0.00	0.00	0.00

M.P.
04/16/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	503084	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	426956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	178303	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	181519	4.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	95.00%		
7) Chloroethane-d5	2.62	69	154967	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	97.20%		
11) 1,1-Dichloroethene-d2	3.61	63	484610	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	98.00%		
20) 2-Butanone-d5	6.58	46	173738	50.98	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	101.96%		
24) Chloroform-d	7.20	84	344660	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.80%		
26) 1,2-Dichloroethane-d4	7.89	65	147246	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.40%		
32) Benzene-d6	7.85	84	637288	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.40%		
36) 1,2-Dichloropropane-d6	8.89	67	166984	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	94.60%		
41) Toluene-d8	9.97	98	605682	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.20%		
43) trans-1,3-Dichloropropene-	10.24	79	41687	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	89.00%		
46) 2-Hexanone-d5	10.59	63	148614	59.12	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	118.24%		
57) 1,1,2,2-Tetrachloroethane-	12.36	84	70190	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	101.80%		
64) 1,2-Dichlorobenzene-d4	13.51	152	119959	4.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	88.80%		

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.82	85	232757	4.514 ug/L	98
3) Chloromethane	2.01	50	265329	4.879 ug/L	100
5) Vinyl chloride	2.16	62	261633	4.896 ug/L	100
6) Bromomethane	2.52	94	155571	4.979 ug/L	95
8) Chloroethane	2.65	64	152343	5.028 ug/L	98
9) Trichlorofluoromethane	2.93	101	392559m	5.306 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	194700	4.770 ug/L	99
12) 1,1-Dichloroethene	3.63	96	222374	4.984 ug/L	95
13) Acetone	3.70	43	174066	50.543 ug/L	95
14) Carbon disulfide	3.93	76	633321	4.890 ug/L	100
15) Methyl Acetate	4.19	43	45336	4.879 ug/L	98
16) Methylene chloride	4.40	84	182170	4.593 ug/L	90
17) Methyl tert-butyl Ether	4.88	73	233494	4.601 ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	199197	4.732 ug/L	92
19) 1,1-Dichloroethane	5.69	63	369457	4.723 ug/L	99
21) 2-Butanone	6.69	43	240389	54.289 ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	176313	5.036 ug/L	99

M.D.
 04/10/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	51157	4.689	uq/L	98
25) Chloroform	7.23	83	359244	4.800	uq/L	98
27) 1,2-Dichloroethane	7.99	62	183034	4.904	uq/L	100
29) 1,1,1-Trichloroethane	7.43	97	315869	4.482	uq/L	98
30) Cyclohexane	7.51	56	327296	4.999	uq/L	99
31) Carbon tetrachloride	7.63	117	309022	4.629	uq/L	100
33) Benzene	7.90	78	808453	4.845	uq/L	100
34) Trichloroethene	8.71	95	201944	4.518	uq/L	95
35) Methylvclclohexane	8.95	83	306789	4.813	uq/L	99
37) 1,2-Dichloropropane	8.99	63	167281	4.575	uq/L	99
38) Bromodichloromethane	9.28	83	204845	4.848	uq/L	98
39) cis-1,3-Dichloropropene	9.72	75	203403	5.125	uq/L	99
40) 4-Methyl-2-pentanone	9.86	43	614841	57.384	uq/L	97
42) Toluene	10.03	91	863430	5.049	uq/L	99
44) trans-1,3-Dichloropropene	10.26	75	141876	4.900	uq/L	97
45) 1,1,2-Trichloroethane	10.44	97	73266	4.953	uq/L	94
47) Tetrachloroethene	10.51	164	144166	4.533	uq/L	95
48) 2-Hexanone	10.63	43	419993	58.932	uq/L	98
49) Dibromochloromethane	10.78	129	94849	4.895	uq/L	93
50) 1,2-Dibromoethane	10.88	107	63587	4.998	uq/L #	95
51) Chlorobenzene	11.32	112	460776	4.802	uq/L	97
52) Ethylbenzene	11.39	91	1010202	5.128	uq/L	97
53) m,p-Xylene	11.50	106	358019	5.071	uq/L	97
54) o-Xylene	11.83	106	328992	5.303	uq/L	95
55) Styrene	11.84	104	516262	5.272	uq/L	97
56) Isopropylbenzene	12.13	105	950538	5.399	uq/L	100
58) 1,1,2,2-Tetrachloroethane	12.38	83	72658	5.059	uq/L	89
59) 1,2,3-Trichloropropane	12.43	75	56655	5.142	uq/L	96
61) Bromoform	12.01	173	36113	4.539	uq/L	97
62) 1,3-Dichlorobenzene	13.16	146	266142	4.657	uq/L	96
63) 1,4-Dichlorobenzene	13.24	146	298490	4.652	uq/L	94
65) 1,2-Dichlorobenzene	13.53	146	222688	4.697	uq/L	96
66) 1,2-Dibromo-3-chloropropan	14.14	75	7922	4.348	uq/L #	84
67) 1,3,5-Trichlorobenzene	14.29	180	173201	4.638	uq/L	98
68) 1,2,4-trichlorobenzene	14.78	180	92208	4.444	uq/L	94
69) Naphthalene	15.00	128	91839	4.706	uq/L	100
70) 1,2,3-Trichlorobenzene	15.18	180	71148	4.947	uq/L	95

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