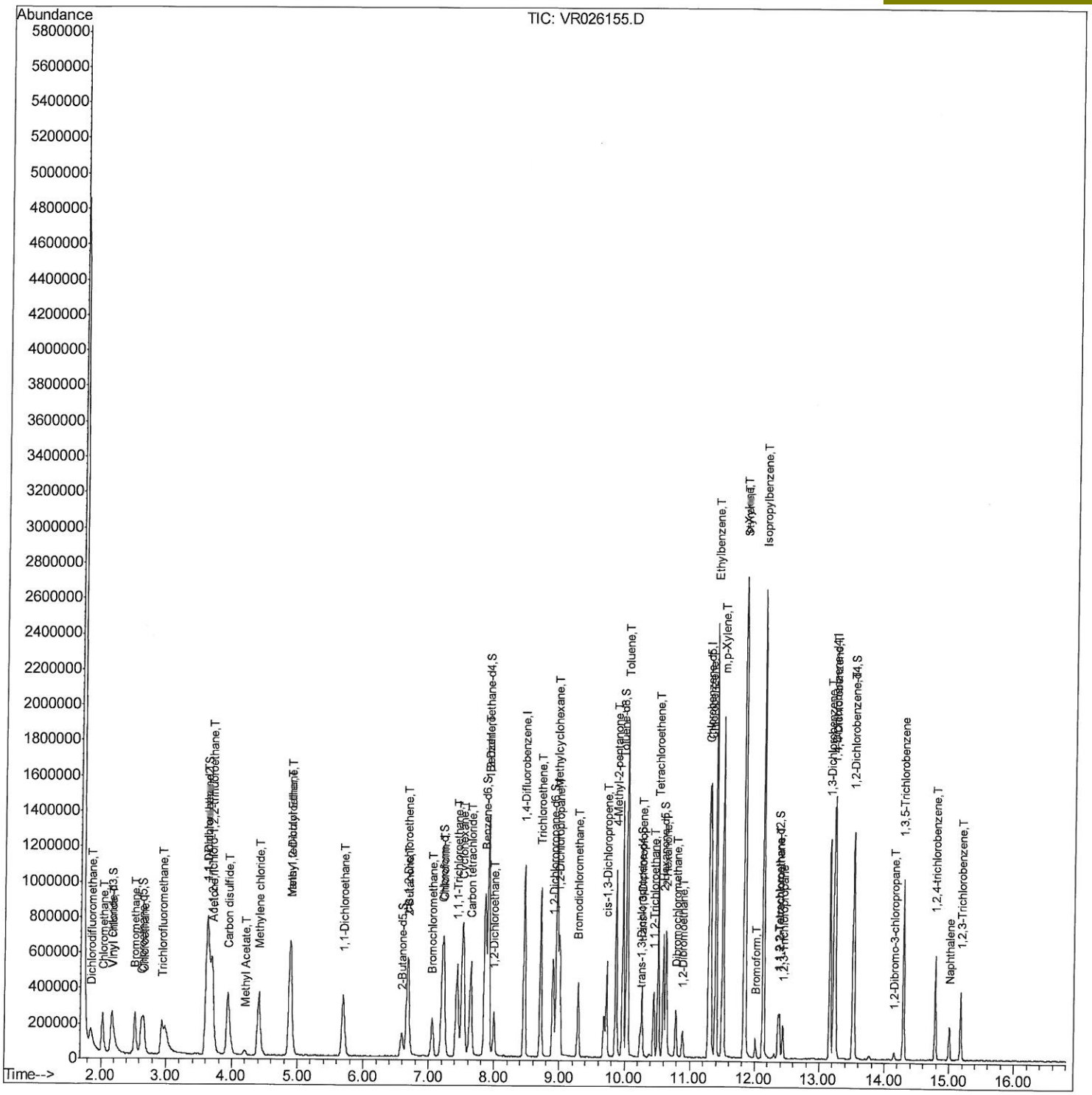
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR102618\
Data File : VR026155.D
Acq On : 26 Oct 2018 10:30
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 26 23:25:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 01:53:32 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
LabSampleId :
VSTD00598

Manual Integrations APPROVED
MMDadoda
10/29/2018 11:40:11 AM



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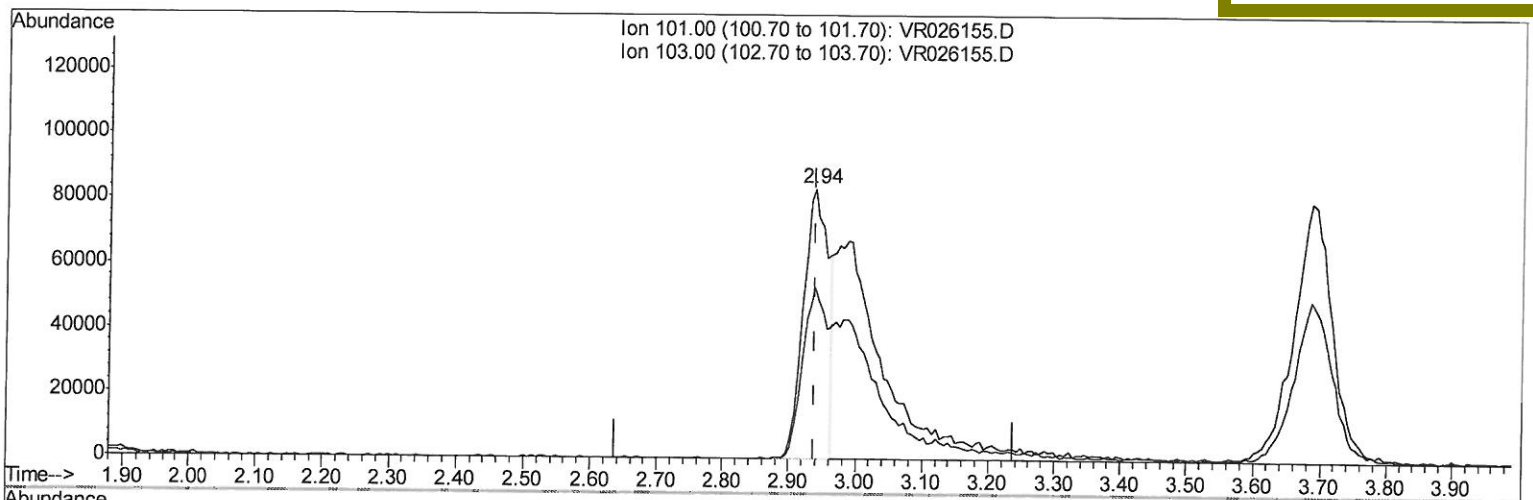

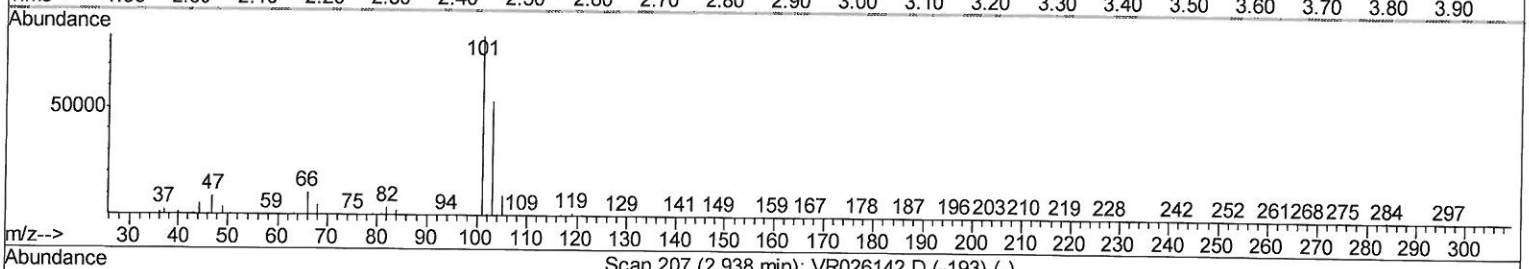

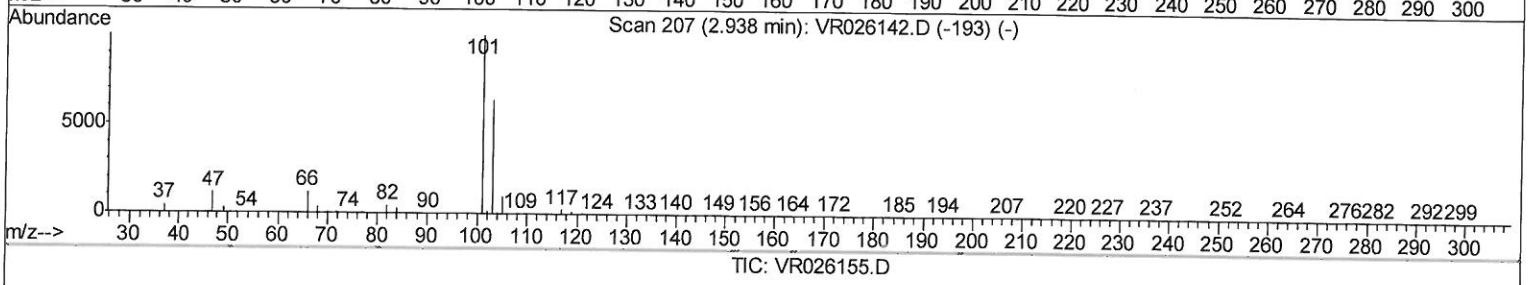

TIC: VR026155.D

(9) Trichlorofluoromethane (T)

2.938min (-0.000) 1.83ug/L

response 217940

Ion	Exp%	Act%
101.00	100	100
103.00	32.50	64.49#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
MMDadoda
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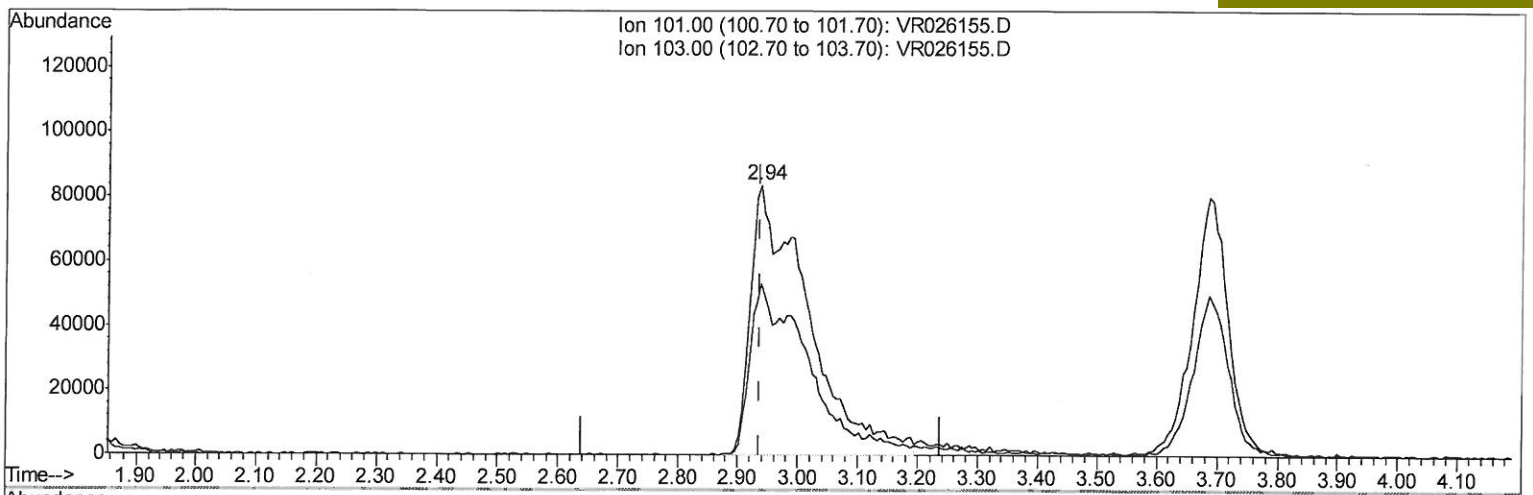

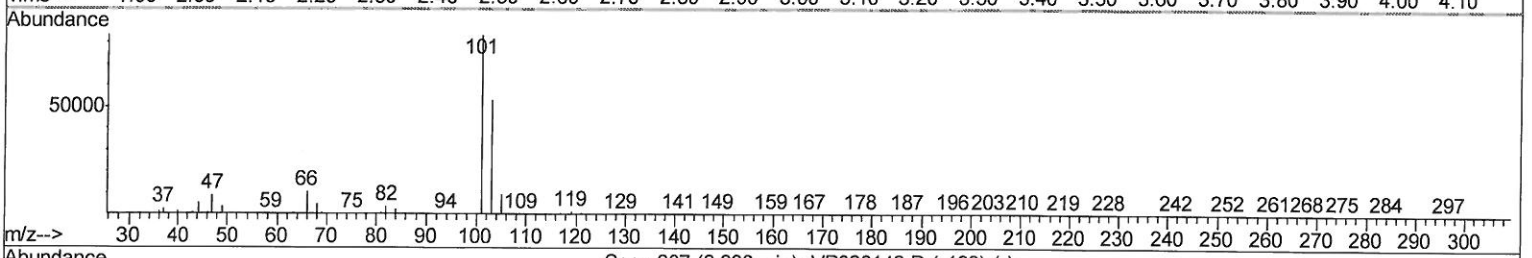

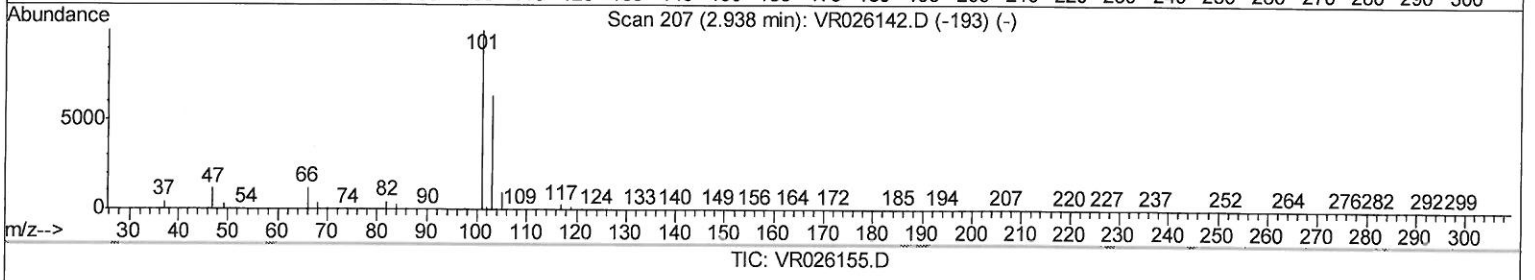

TIC: VR026155.D

(9) Trichlorofluoromethane (T)

2.938min (-0.000) 4.63ug/L m 10/29/18 SY

response 551792

Ion	Exp%	Act%
101.00	100	100
103.00	32.50	25.47#
0.00	0.00	0.00
0.00	0.00	0.00

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_R
LabSampleId : VSTD00598

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	776730	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	650089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	256761	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	254092	3.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.80%			
7) Chloroethane-d5	2.63	69	235426	4.03	ug/L	0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.60%			
11) 1,1-Dichloroethene-d2	3.61	63	674136	4.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.80%			
20) 2-Butanone-d5	6.59	46	246675	44.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.40%			
24) Chloroform-d	7.20	84	507759	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	7.90	65	190124	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
32) Benzene-d6	7.85	84	942257	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
36) 1,2-Dichloropropane-d6	8.90	67	238755	4.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.60%			
41) Toluene-d8	9.97	98	838002	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
43) trans-1,3-Dichloropropene-	10.24	79	63294	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
46) 2-Hexanone-d5	10.59	63	195254	47.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.60%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	101500	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	13.52	152	178162	4.39	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	263389	5.048	ug/L	98
3) Chloromethane	2.03	50	344528	4.158	ug/L	98
5) Vinyl chloride	2.17	62	354189	4.291	ug/L	100
6) Bromomethane	2.53	94	226638	4.158	ug/L	97
8) Chloroethane	2.66	64	211773	4.141	ug/L	99
9) Trichlorofluoromethane	2.94	101	551792m	4.631	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	320695	4.514	ug/L	98
12) 1,1-Dichloroethene	3.63	96	331767	4.392	ug/L	92
13) Acetone	3.70	43	215790	37.403	ug/L	100
14) Carbon disulfide	3.94	76	919369	4.656	ug/L	98
15) Methyl Acetate	4.19	43	54081	3.588	ug/L	98
16) Methylene chloride	4.41	84	270657	3.952	ug/L	96
17) Methyl tert-butyl Ether	4.90	73	302764	4.415	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	285439	4.997	ug/L	95
19) 1,1-Dichloroethane	5.70	63	509648	4.752	ug/L	94
21) 2-Butanone	6.69	43	271797	40.837	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	256983	4.756	ug/L #	98

10/29/18 SY

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MMDadoda
10/29/2018 11:40:11 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	69418	4.580	ug/L		96
25) Chloroform	7.23	83	490142	4.683	ug/L		94
27) 1,2-Dichloroethane	7.99	62	214579	4.188	ug/L	#	96
29) 1,1,1-Trichloroethane	7.43	97	461057	5.190	ug/L		98
30) Cyclohexane	7.52	56	468402	5.253	ug/L		99
31) Carbon tetrachloride	7.63	117	410575	5.083	ug/L		97
33) Benzene	7.91	78	1148712	4.709	ug/L		100
34) Trichloroethene	8.71	95	307191	4.920	ug/L		98
35) Methylcyclohexane	8.95	83	466901	5.023	ug/L		97
37) 1,2-Dichloropropane	9.00	63	227668	4.424	ug/L		99
38) Bromodichloromethane	9.28	83	253592	4.582	ug/L		96
39) cis-1,3-Dichloropropene	9.72	75	273292	4.640	ug/L		95
40) 4-Methyl-2-pentanone	9.87	43	650530	41.390	ug/L		100
42) Toluene	10.04	91	1192531	4.632	ug/L		98
44) trans-1,3-Dichloropropene	10.26	75	189724	4.610	ug/L		93
45) 1,1,2-Trichloroethane	10.45	97	95158	4.384	ug/L		99
47) Tetrachloroethene	10.51	164	216751	4.862	ug/L		98
48) 2-Hexanone	10.63	43	440443	42.906	ug/L		100
49) Dibromochloromethane	10.79	129	116357	4.763	ug/L		98
50) 1,2-Dibromoethane	10.89	107	83750	4.466	ug/L	#	95
51) Chlorobenzene	11.32	112	650371	4.563	ug/L		99
52) Ethylbenzene	11.39	91	1443115	4.875	ug/L		99
53) m,p-Xylene	11.50	106	530855	4.921	ug/L		98
54) o-Xylene	11.83	106	487146	4.926	ug/L		99
55) Styrene	11.84	104	733784	4.821	ug/L		100
56) Isopropylbenzene	12.13	105	1424707	5.187	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	95275	4.318	ug/L		93
59) 1,2,3-Trichloropropane	12.43	75	68773	4.246	ug/L		98
61) Bromoform	12.01	173	39971	4.479	ug/L		98
62) 1,3-Dichlorobenzene	13.16	146	401143	4.703	ug/L		96
63) 1,4-Dichlorobenzene	13.24	146	409425	4.635	ug/L		93
65) 1,2-Dichlorobenzene	13.53	146	306747	4.481	ug/L		96
66) 1,2-Dibromo-3-chloropropan	14.15	75	9219	3.305	ug/L		92
67) 1,3,5-Trichlorobenzene	14.29	180	237046	4.561	ug/L		99
68) 1,2,4-trichlorobenzene	14.78	180	136552	4.501	ug/L		98
69) Naphthalene	15.00	128	125463	4.259	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	93342	4.430	ug/L		100

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