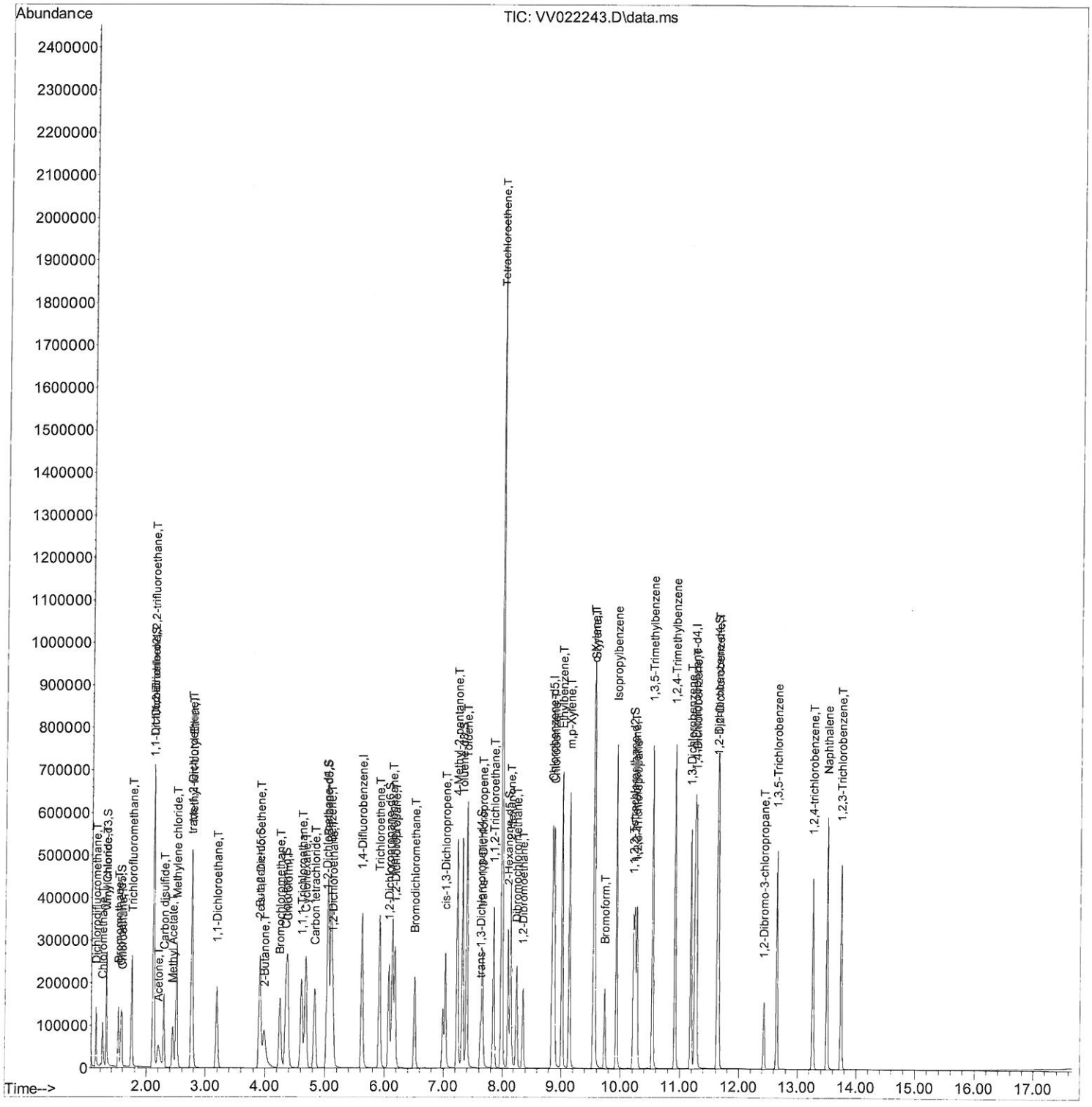
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092021\
Data File : VV022243.D
Acq On : 20 Sep 2021 19:27
Operator : SY/MD
Sample : M3778-04MS 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 21 04:46:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 21 04:41:26 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
E4587MS

Manual Integrations APPROVED
MMDadoda
9/21/2021 1:51:02 PM



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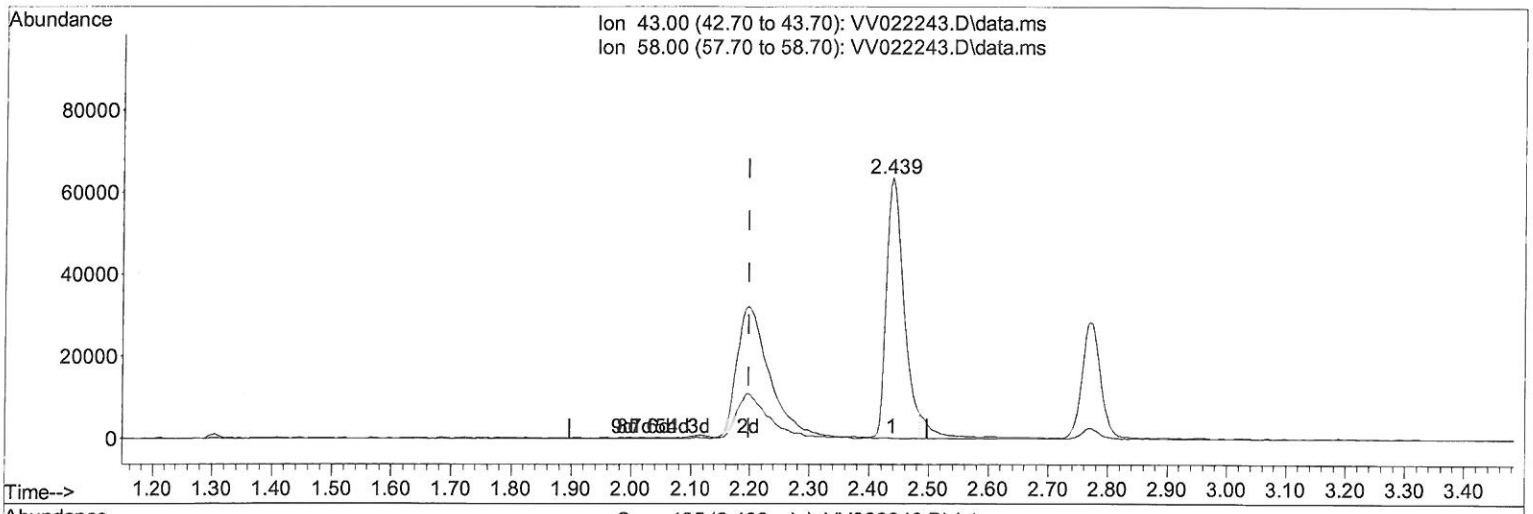

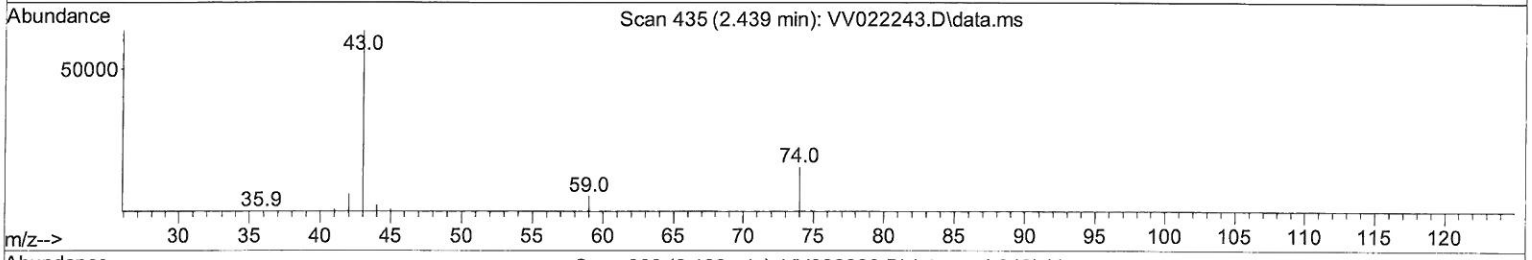

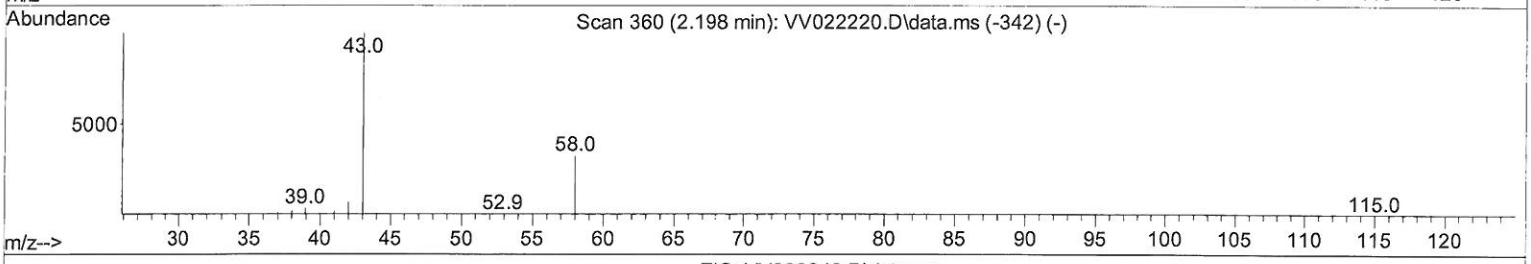

TIC: VV022243.D\data.ms

(13) Acetone (T)

2.439min (+ 0.241) 100.16 ug/L

response 128340

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	0.20	0.06
0.00	0.00	0.00
0.00	0.00	0.00

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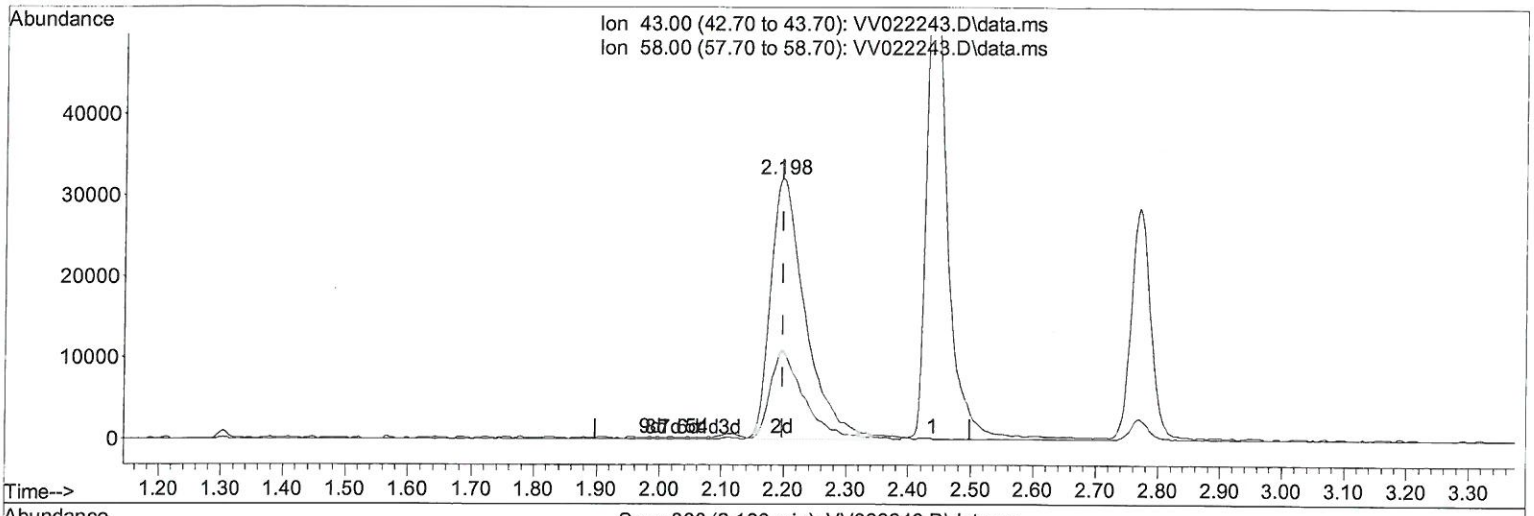

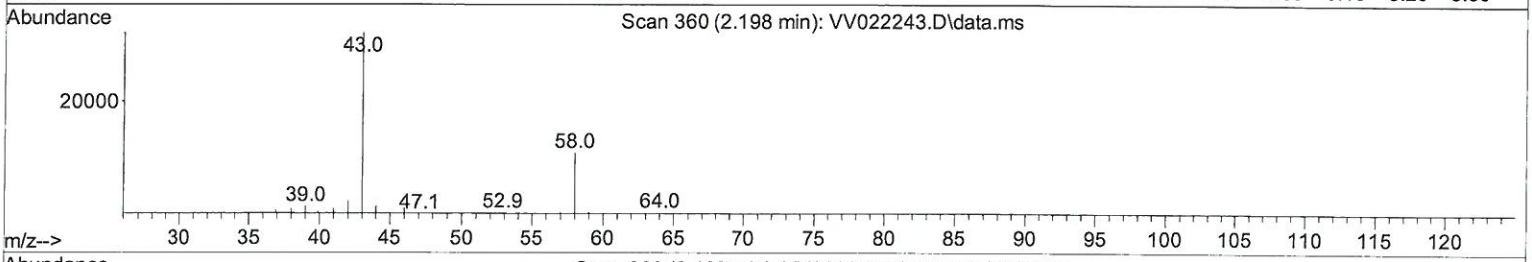

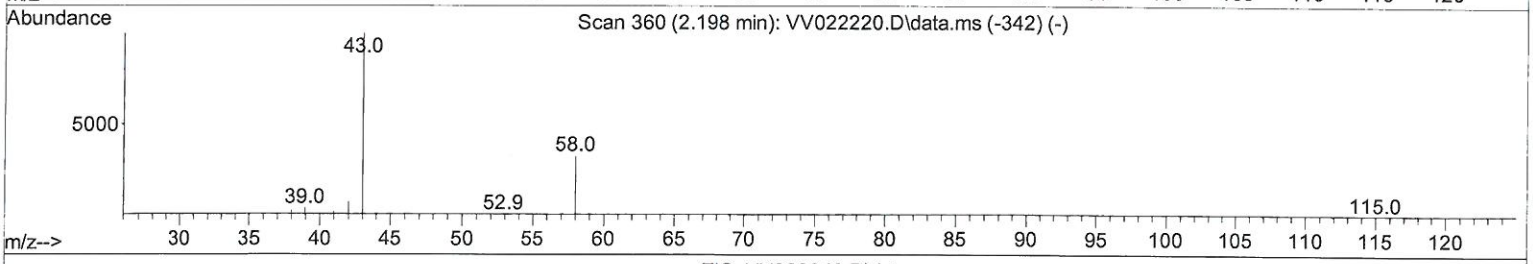

TIC: VV022243.D\data.ms

(13) Acetone (T)

2.198min (-0.000) 97.15 ug/L m 7 MD 9/22/21

response 124482

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	0.20	0.06
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	322010	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	310425	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	162283	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	94843	42.531	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.060%			
7) Chloroethane-d5	1.565	69	79017	45.375	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.740%			
11) 1,1-Dichloroethene-d2	2.105	63	180083	48.830	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.660%			
21) 2-Butanone-d5	3.905	46	168121	109.930	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.930%			
24) Chloroform-d	4.349	84	196119	48.233	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.460%			
26) 1,2-Dichloroethane-d4	5.034	65	116748	48.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.500%			
32) Benzene-d6	5.050	84	387077	45.972	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.940%			
36) 1,2-Dichloropropane-d6	6.072	67	120216	45.400	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.800%			
41) Toluene-d8	7.317	98	357277	44.951	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.900%			
43) trans-1,3-Dichloroprop...	7.625	79	55238	43.829	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.660%			
47) 2-Hexanone-d5	8.092	63	114939	113.129	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.130%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	165944	48.933	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.860%			
66) 1,2-Dichlorobenzene-d4	11.625	152	138555	43.430	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	74507	33.661	ug/L	100
3) Chloromethane	1.237	50	85266	36.379	ug/L	98
5) Vinyl chloride	1.307	62	92533	39.170	ug/L	99
6) Bromomethane	1.519	94	61165	43.065	ug/L	100
8) Chloroethane	1.584	64	63369	42.880	ug/L	99
9) Trichlorofluoromethane	1.751	101	151464	45.024	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	92777	47.019	ug/L	98
12) 1,1-Dichloroethene	2.114	96	86852	46.760	ug/L	91
13) Acetone	2.198	43	124482m	97.146	ug/L	
14) Carbon disulfide	2.291	76	194563	34.715	ug/L	99
15) Methyl Acetate	2.439	43	135494	54.297	ug/L	98
16) Methylene chloride	2.503	84	125437	50.406	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	96789	43.098	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	342477	47.989	ug/L	99
19) 1,1-Dichloroethane	3.188	63	194897	48.726	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	114014	45.613	ug/L	98
22) 2-Butanone	3.986	43	182783	101.478	ug/L	99
23) Bromochloromethane	4.249	128	62572	47.006	ug/L	97

MD 9/22/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.378	83	203899	48.156	ug/L	99
27) 1,2-Dichloroethane	5.130	62	144445	50.892	ug/L	100
29) Cyclohexane	4.677	56	141598	40.805	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	173060	46.907	ug/L	98
31) Carbon tetrachloride	4.831	117	144875	45.705	ug/L	99
33) Benzene	5.101	78	428875	47.486	ug/L	100
34) Trichloroethene	5.915	95	124035	48.484	ug/L	98
35) Methylcyclohexane	6.133	83	149162	39.884	ug/L	99
37) 1,2-Dichloropropane	6.175	63	114110	48.741	ug/L	100
38) Bromodichloromethane	6.513	83	143991	48.094	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	161582	44.703	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	354688	111.751	ug/L	98
42) Toluene	7.391	91	458874	47.075	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	159558	47.430	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	119315	50.088	ug/L	98
46) Tetrachloroethene	7.976	164	460372	231.433	ug/L	97
48) 2-Hexanone	8.143	43	272002	110.453	ug/L	98
49) Dibromochloromethane	8.249	129	122837	48.175	ug/L	97
50) 1,2-Dibromoethane	8.355	107	122085	47.754	ug/L	99
51) Chlorobenzene	8.883	112	300705	45.883	ug/L	99
52) Ethylbenzene	9.014	91	482059	45.684	ug/L	99
53) m,p-Xylene	9.140	106	183768	44.806	ug/L	97
54) o-Xylene	9.545	106	186232	45.891	ug/L	98
55) Styrene	9.561	104	325920	47.061	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	179646	52.050	ug/L	98
59) Bromoform	9.735	173	85098	49.372	ug/L	99
60) Isopropylbenzene	9.934	105	485530	47.615	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	151778	53.964	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	396451	46.310	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	407156	46.792	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	232969	44.998	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	233415	44.058	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	240482	46.779	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	35411	52.240	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	159519	41.205	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	133607	39.232	ug/L	99
71) Naphthalene	13.503	128	454684	46.413	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	147692	44.463	ug/L	98

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