

Data File : VV013157.D

Operator : SY/MD

Sample : VSTDCCC050

Misc : 5.00ML/MSVOA V/WATER

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 18:14:20 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

Quant Title : VOC Analysis

QLast Update : Tue Oct 15 05:07:22 2019

Response via : Initial Calibration

MSVOA_V

LabSampleId :

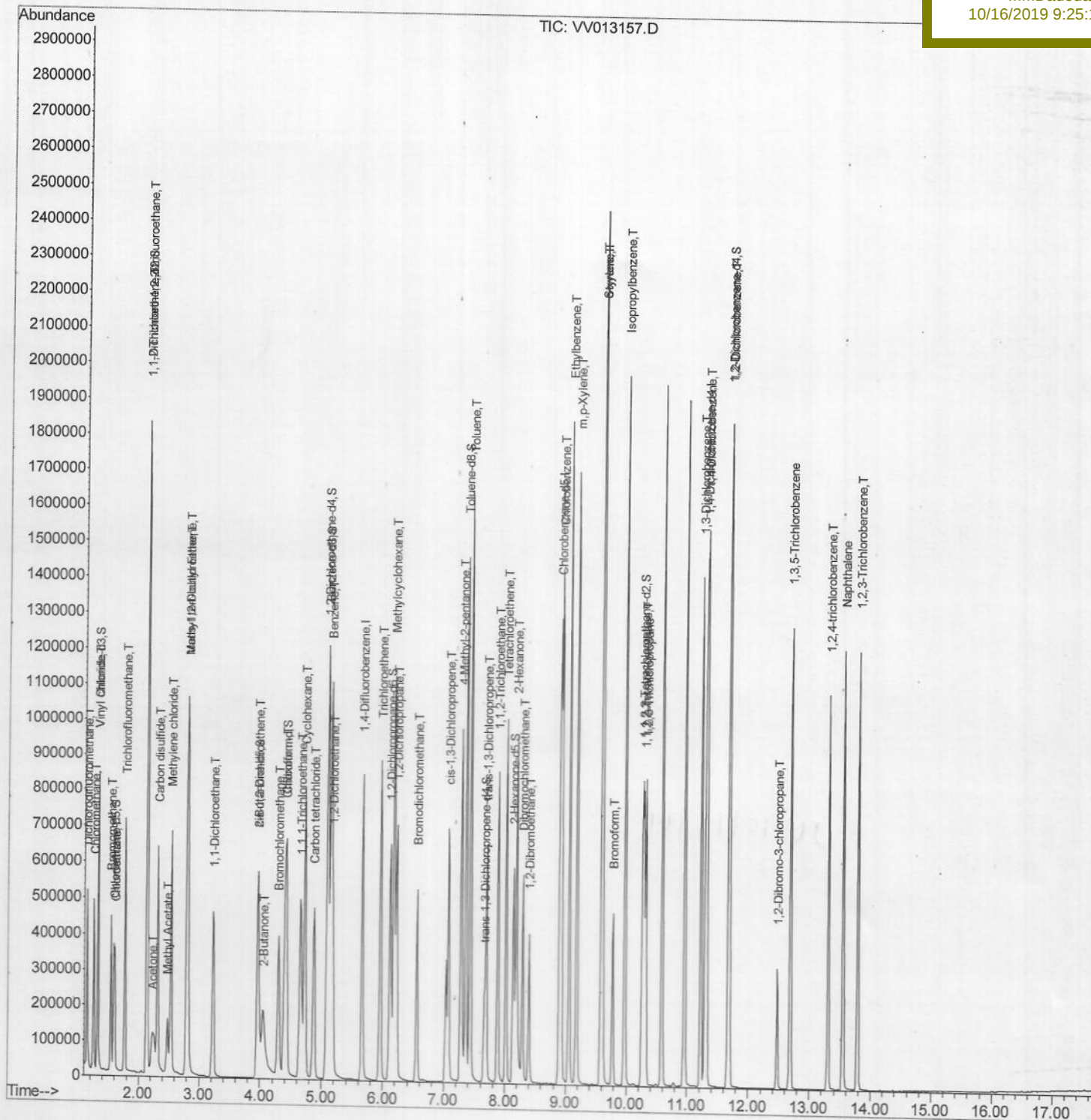
VSTD05075

Manual Integrations

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10/16/2019 9:25:13 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101519\

Data File : VV013157.D

Acq On : 15 Oct 2019 09:55

Operator : SY/MD

Sample : VSTDCCC050

Misc : 5.00ML/MSVOA V/WATER

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 18:12:56 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Oct 15 05:07:22 2019

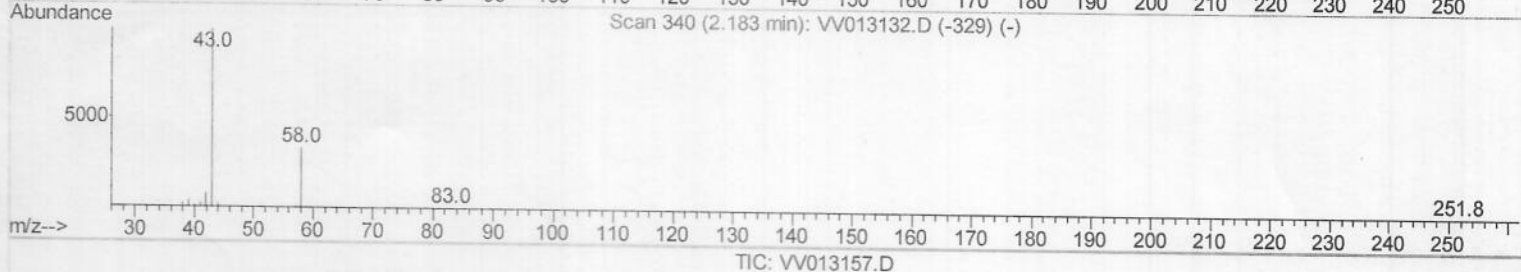
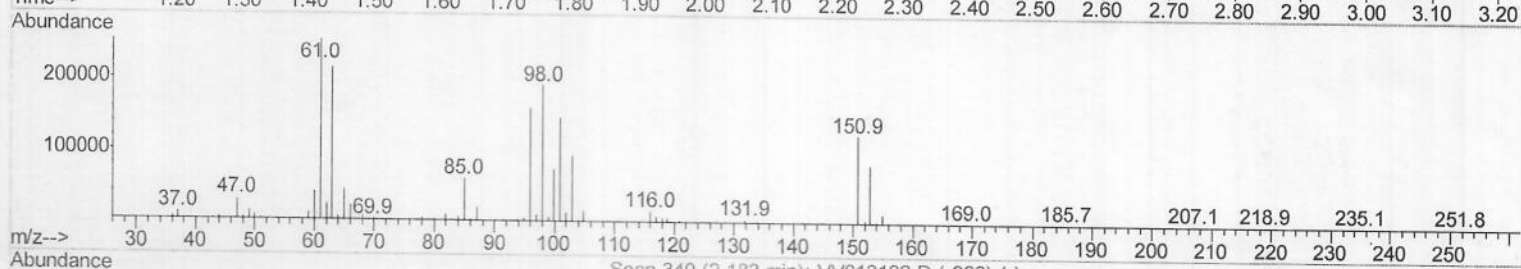
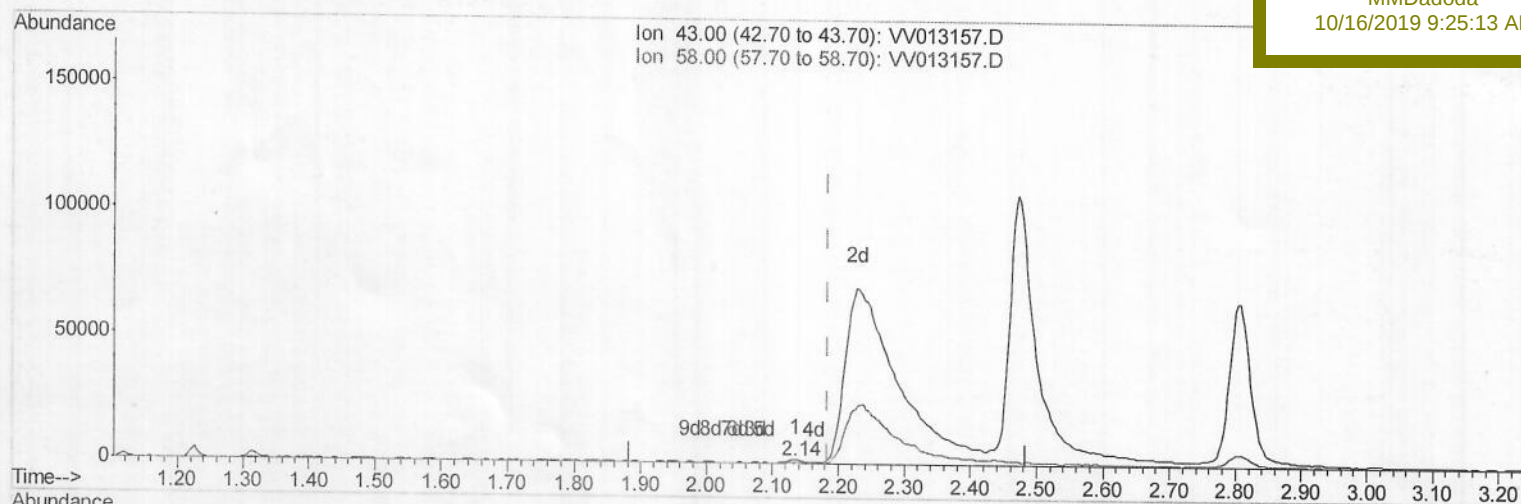
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Instrument :

MSVOA_V

LabSampleId :

VSTD05075

Manual Integrations
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10/16/2019 9:25:13 AM

(13) Acetone (T)

2.135min (-0.048) 0.65ug/L

response 2072

Ion	Exp%	Act%
43.00	100	100
58.00	33.10	18.19
0.00	0.00	0.00
0.00	0.00	0.00

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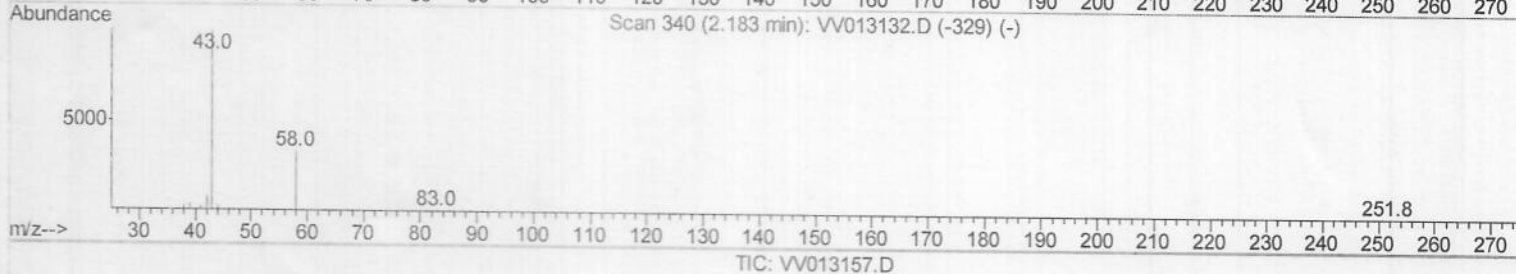
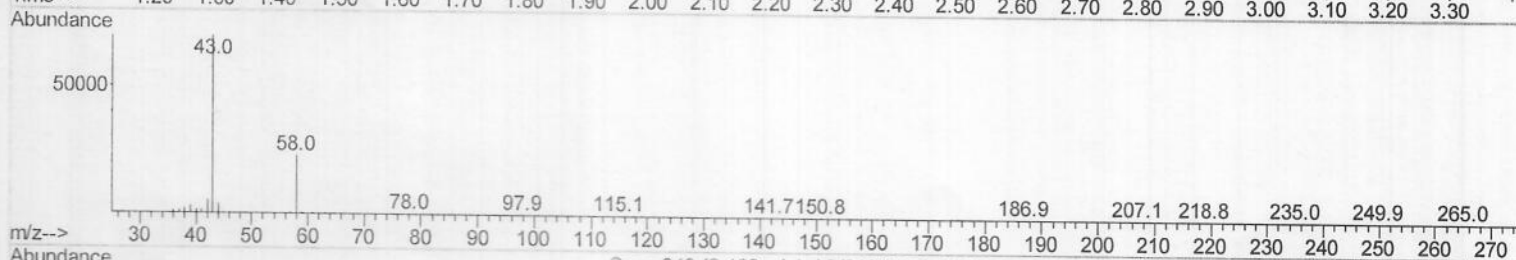
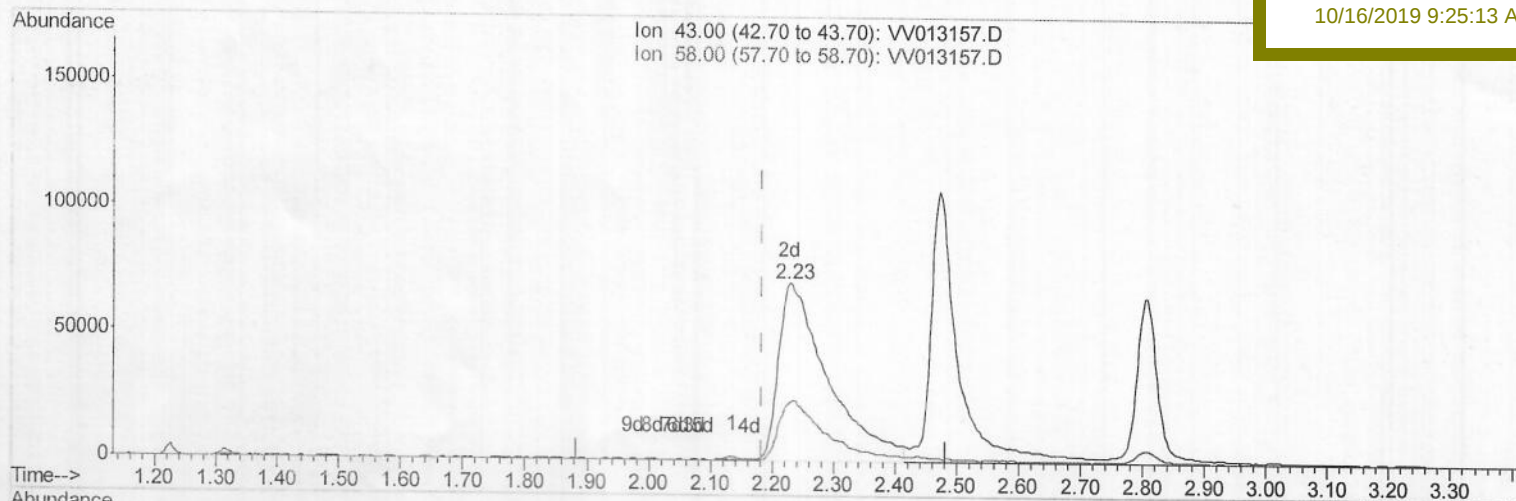
LabSampleId :

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Manual Integrations
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10/16/2019 9:25:13 AM



(13) Acetone (T)

2.229min (+0.045) 124.65ug/L m y M.D 10/21/19

response 395571

Ion	Exp%	Act%
43.00	100	100
58.00	33.10	0.10
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	727178	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	708024	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	361672	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	267338	58.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	116.32%		
7) Chloroethane-d5	1.58	69	213703	56.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	113.44%		
11) 1,1-Dichloroethene-d2	2.13	63	459691	53.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.04%		
21) 2-Butanone-d5	3.96	46	324102	93.78	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.78%		
24) Chloroform-d	4.40	84	499114	56.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	112.80%		
26) 1,2-Dichloroethane-d4	5.08	65	305112	55.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.86%		
32) Benzene-d6	5.09	84	1037468	54.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.84%		
36) 1,2-Dichloropropane-d6	6.11	67	315492	53.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.62%		
41) Toluene-d8	7.36	98	967360	57.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.44%		
43) trans-1,3-Dichloropropene-	7.66	79	140503	52.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	104.82%		
47) 2-Hexanone-d5	8.13	63	223405	94.87	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.87%		
57) 1,1,2,2-Tetrachloroethane-	10.26	84	393843	51.56	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.12%		
64) 1,2-Dichlorobenzene-d4	11.67	152	368337	51.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.96%		

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	295256	52.344 ug/L	98
3) Chloromethane	1.25	50	316635	49.330 ug/L	98
5) Vinyl chloride	1.32	62	307374	49.847 ug/L	99
6) Bromomethane	1.53	94	189363	60.019 ug/L	98
8) Chloroethane	1.60	64	183092	49.919 ug/L	99
9) Trichlorofluoromethane	1.77	101	407748	51.534 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	240538	51.611 ug/L	97
12) 1,1-Dichloroethene	2.14	96	226272	50.175 ug/L	92
13) Acetone	2.23	43	395571m	124.652 ug/L	92
14) Carbon disulfide	2.31	76	666423	50.956 ug/L	100
15) Methyl Acetate	2.47	43	248645	44.214 ug/L	96
16) Methylene chloride	2.53	84	278120	51.835 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	251275	51.361 ug/L	97
18) Methyl tert-butyl Ether	2.81	73	740651	50.156 ug/L	99
19) 1,1-Dichloroethane	3.23	63	475248	51.498 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	272718	49.254 ug/L	100
22) 2-Butanone	4.05	43	458128	113.420 ug/L	99

M.D. 10/21/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	145236	51.645	ug/L	98
25) Chloroform	4.42	83	486356	52.305	ug/L	99
27) 1,2-Dichloroethane	5.18	62	365362	51.259	ug/L	100
29) Cyclohexane	4.72	56	423897	49.991	ug/L	100
30) 1,1,1-Trichloroethane	4.65	97	397041	50.538	ug/L	99
31) Carbon tetrachloride	4.87	117	357256	51.176	ug/L	100
33) Benzene	5.14	78	1099468	50.984	ug/L	100
34) Trichloroethene	5.96	95	296114	51.571	ug/L	99
35) Methylcyclohexane	6.17	83	459498	52.904	ug/L	99
37) 1,2-Dichloropropane	6.22	63	281597	50.428	ug/L	100
38) Bromodichloromethane	6.55	83	357182	50.270	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	410357	49.687	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	750367	102.651	ug/L	98
42) Toluene	7.43	91	1174538	52.906	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	362969	50.700	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	269630	50.858	ug/L	98
46) Tetrachloroethene	8.02	164	241069	53.031	ug/L	99
48) 2-Hexanone	8.18	43	689347	121.951	ug/L	99
49) Dibromochloromethane	8.29	129	294865	51.032	ug/L	99
50) 1,2-Dibromoethane	8.39	107	280493	50.620	ug/L	100
51) Chlorobenzene	8.92	112	739205	50.774	ug/L	99
52) Ethylbenzene	9.05	91	1253237	52.849	ug/L	100
53) m,p-Xylene	9.18	106	487118	54.600	ug/L	100
54) o-xylene	9.59	106	463590	51.865	ug/L	99
55) Styrene	9.60	104	818832	55.783	ug/L	97
56) Isopropylbenzene	9.97	105	1222409	53.260	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	374903	48.643	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	342088	50.320	ug/L	99
61) Bromoform	9.77	173	217633	47.820	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	582238	49.781	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	593596	50.541	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	591087	49.645	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	77865	44.964	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	410040	49.159	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	342146	47.825	ug/L	100
69) Naphthalene	13.55	128	939578	47.672	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	381336	49.830	ug/L	100

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