

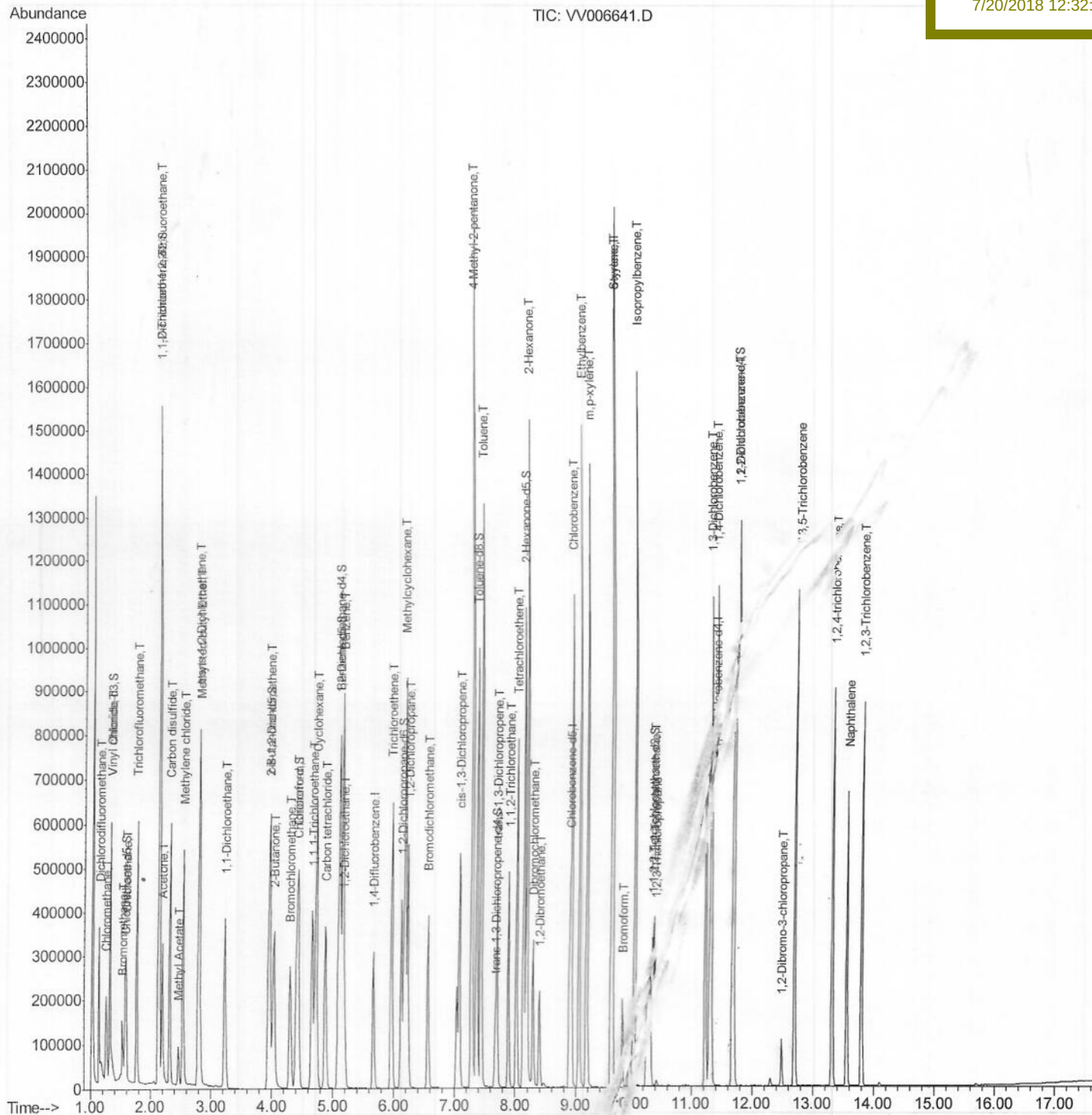
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071918\
 Data File : VV006641.D
 Acq On : 19 Jul 2018 13:57
 Operator : SY/MD
 Sample : VSTD01067
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 20 04:48:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 04:43:40 2018
 Response via : Initial Calibration

Instrument :
 MSVOA_V
 Client Sampled :
 VSTD01067

Manual Integrations
 APPROVED

apatel
 7/20/2018 12:32:51 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071918\

Data File : VV006641.D

Acq On : 19 Jul 2018 13:57

Operator : SY/MD

Sample : VSTD01067

Misc : 25 mL/MSVOA_V/WATER

ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 20 04:44:37 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Jul 20 04:43:40 2018

Response via : Initial Calibration

Instrument :

MSVOA_V

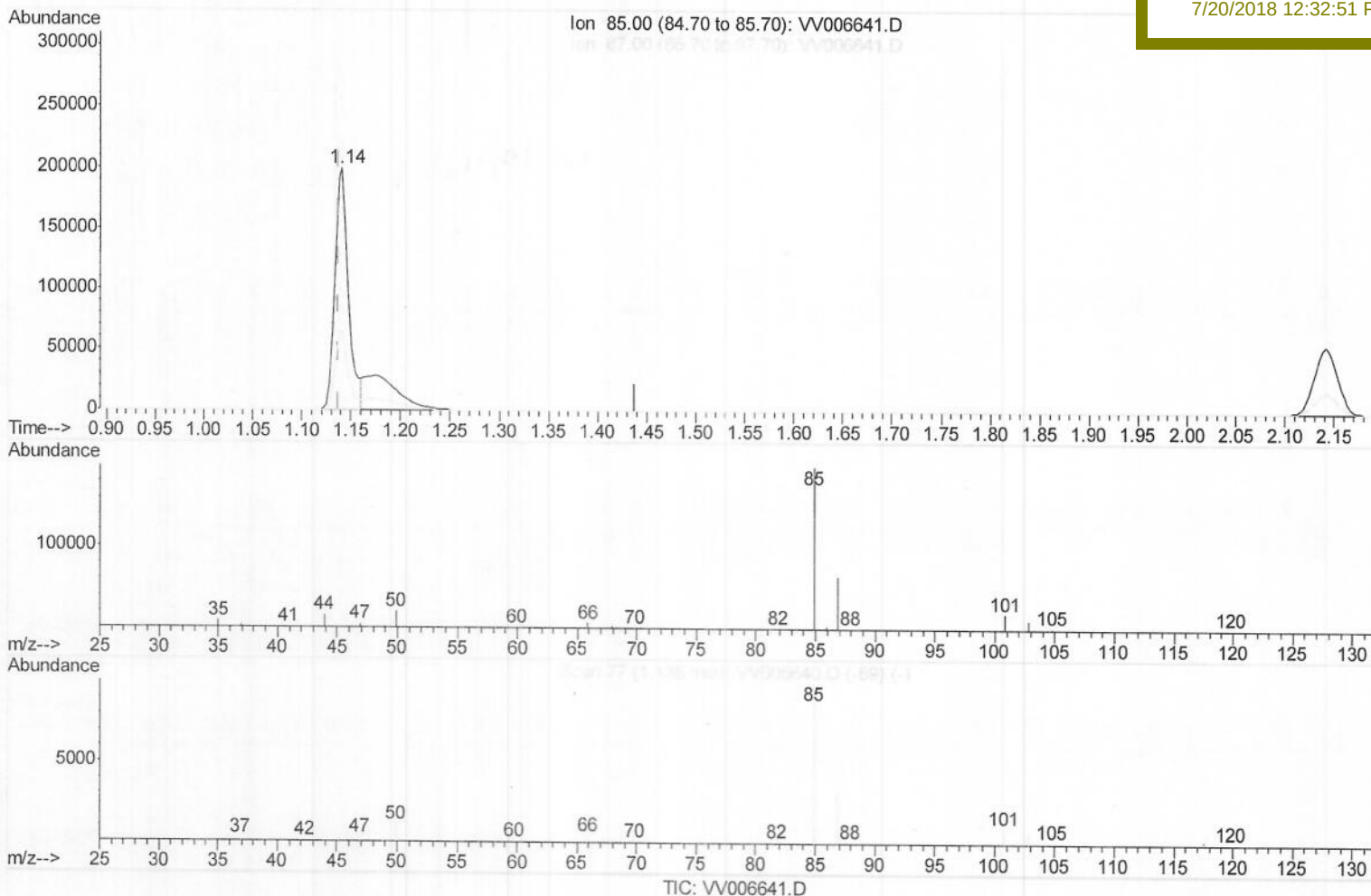
ClientSampled :

VSTD01067

Manual Integrations
APPROVED

apatel

7/20/2018 12:32:51 PM



(2) Dichlorodifluoromethane (T)

1.141min (+0.003) 8.95ug/L

response 191909

Ion	Exp%	Act%
85.00	100	100
87.00	24.30	32.48#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

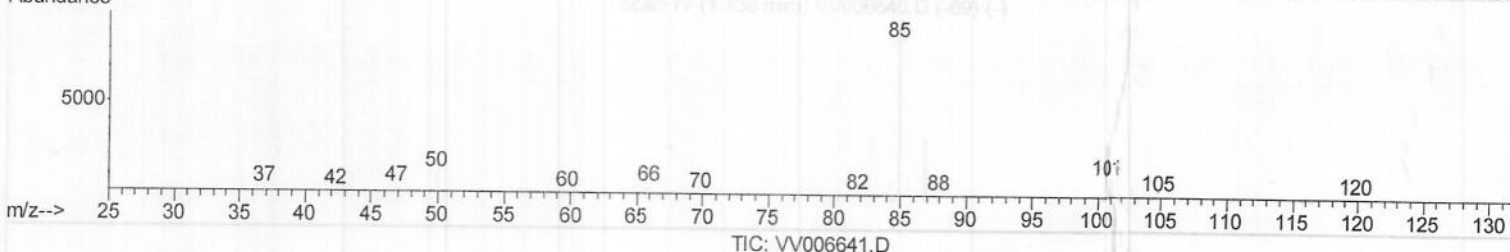
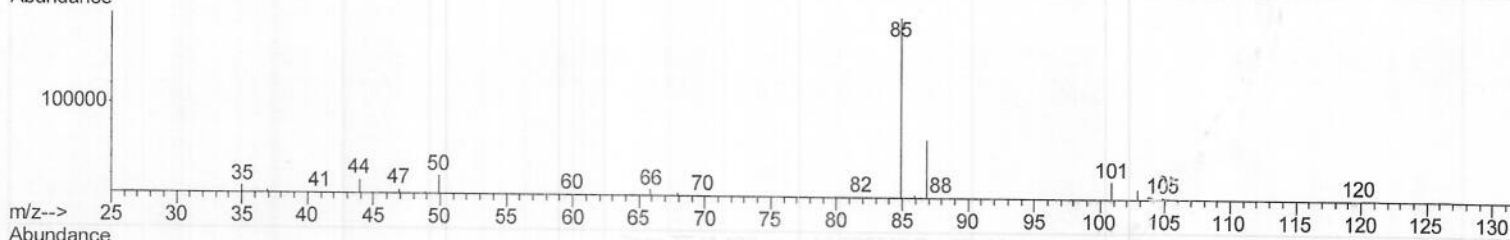
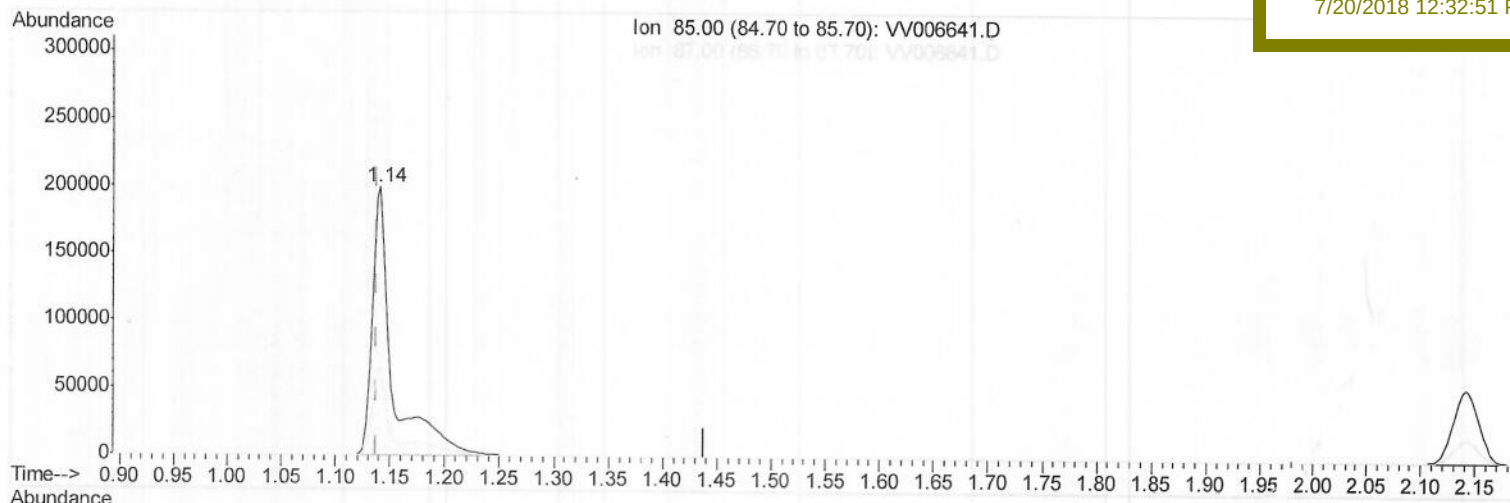
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071918\
 Data File : VV006641.D
 Acq On : 19 Jul 2018 13:57
 Operator : SY/MD
 Sample : VSTD01067
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 Client Sampled :
 VSTD01067

Manual Integrations
 APPROVED

apatel
 7/20/2018 12:32:51 PM

Quant Time: Jul 20 04:44:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 04:43:40 2018
 Response via : Initial Calibration



(2) Dichlorodifluoromethane (T)

1.141min (+0.003) 12.06ug/L m

response 258643

> MD
 07/28/18

Ion	Exp%	Act%
85.00	100	100
87.00	24.30	24.10
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071918\

Data File : VV006641.D

Acq On : 19 Jul 2018 13:57

Operator : SY/MD

Sample : VSTD01067

Misc : 25 mL/MSVOA_V/WATER

ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 20 04:48:28 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Jul 20 04:43:40 2018

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampled :

VSTD01067

Manual Integrations

APPROVED

apatel

7/20/2018 12:32:51 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	266099	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	247484	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	122075	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	196472	10.52	ug/L	0.00
7) Chloroethane-d5	1.58	69	131231	10.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	375451	10.46	ug/L	0.00
20) 2-Butanone-d5	3.95	46	434634	107.16	ug/L	0.00
24) Chloroform-d	4.41	84	335161	10.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	157357	10.60	ug/L	0.00
32) Benzene-d6	5.10	84	710854	10.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	216305	10.37	ug/L	0.00
41) Toluene-d8	7.36	98	668726	10.70	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	79275	11.21	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	400912	113.69	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	160077	10.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	230577	10.50	ug/L	0.00

Target Compounds

				Qvalue	
2) Dichlorodifluoromethane	1.14	85	258643m)	12.058	ug/L
3) Chloromethane	1.26	50	220870	10.322	ug/L
5) Vinyl chloride	1.32	62	284403	10.291	ug/L
6) Bromomethane	1.53	94	60889	7.771	ug/L
8) Chloroethane	1.59	64	160386	10.102	ug/L
9) Trichlorofluoromethane	1.77	101	342535	10.328	ug/L
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	215187	10.351	ug/L
12) 1,1-Dichloroethene	2.14	96	203288	10.319	ug/L
13) Acetone	2.20	43	314639	101.151	ug/L
14) Carbon disulfide	2.32	76	657276	10.289	ug/L
15) Methyl Acetate	2.47	43	93198	10.212	ug/L
16) Methylene chloride	2.54	84	219328	8.850	ug/L
17) Methyl tert-butyl Ether	2.81	73	506878	10.423	ug/L
18) trans-1,2-Dichloroethene	2.79	96	221498	10.207	ug/L
19) 1,1-Dichloroethane	3.23	63	396305	10.333	ug/L
21) 2-Butanone	4.04	43	545866	104.773	ug/L
22) cis-1,2-Dichloroethene	3.97	96	238171	10.477	ug/L
23) Bromochloromethane	4.30	128	96578	10.434	ug/L
25) Chloroform	4.44	83	382055	10.743	ug/L
27) 1,2-Dichloroethane	5.19	62	224385	10.396	ug/L
29) 1,1,1-Trichloroethane	4.66	97	322828	10.437	ug/L
30) Cyclohexane	4.73	56	369373	10.681	ug/L
31) Carbon tetrachloride	4.88	117	278985	10.545	ug/L
33) Benzene	5.15	78	903869	10.384	ug/L
34) Trichloroethene	5.96	95	226244	10.271	ug/L
35) Methylcyclohexane	6.18	83	400021	10.882	ug/L
37) 1,2-Dichloropropane	6.23	63	226942	10.219	ug/L
38) Bromodichloromethane	6.56	83	260717	10.569	ug/L
39) cis-1,3-Dichloropropene	7.08	75	320548	10.977	ug/L
40) 4-Methyl-2-pentanone	7.28	43	1285708	107.099	ug/L

MP
07/28/18

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071918\
 Data File : VV006641.D
 Acq On : 19 Jul 2018 13:57
 Operator : SY/MD
 Sample : VSTD01067
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 20 04:48:28 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Jul 20 04:43:40 2018

Response via : Initial Calibration

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01067

Manual Integrations
 APPROVED

apatel
 7/20/2018 12:32:51 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	954661	10.611	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	254777	11.222	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	152768	10.225	ug/L	99
47) Tetrachloroethene	8.02	164	183840	10.392	ug/L	98
48) 2-Hexanone	8.19	43	911694	108.638	ug/L	99
49) Dibromochloromethane	8.30	129	170462	10.768	ug/L	99
50) 1,2-Dibromoethane	8.40	107	141874	10.565	ug/L	99
51) Chlorobenzene	8.93	112	608676	10.411	ug/L	99
52) Ethylbenzene	9.06	91	1047254	10.842	ug/L	100
53) m,p-xylene	9.19	106	408007	11.108	ug/L	97
54) o-xylene	9.59	106	394473	11.009	ug/L	98
55) Styrene	9.61	104	672998	11.219	ug/L	99
56) Isopropylbenzene	9.98	105	1040785	11.071	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	186842	10.427	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	134075	10.239	ug/L	100
61) Bromoform	9.78	173	88458	10.485	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	458390	10.308	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	464640	10.285	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	438951	10.297	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	25807	10.201	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	357553	10.404	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	287563	10.548	ug/L	99
69) Naphthalene	13.56	128	528427	11.196	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	270215	10.521	ug/L	100

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