

Data File : VW003762.D

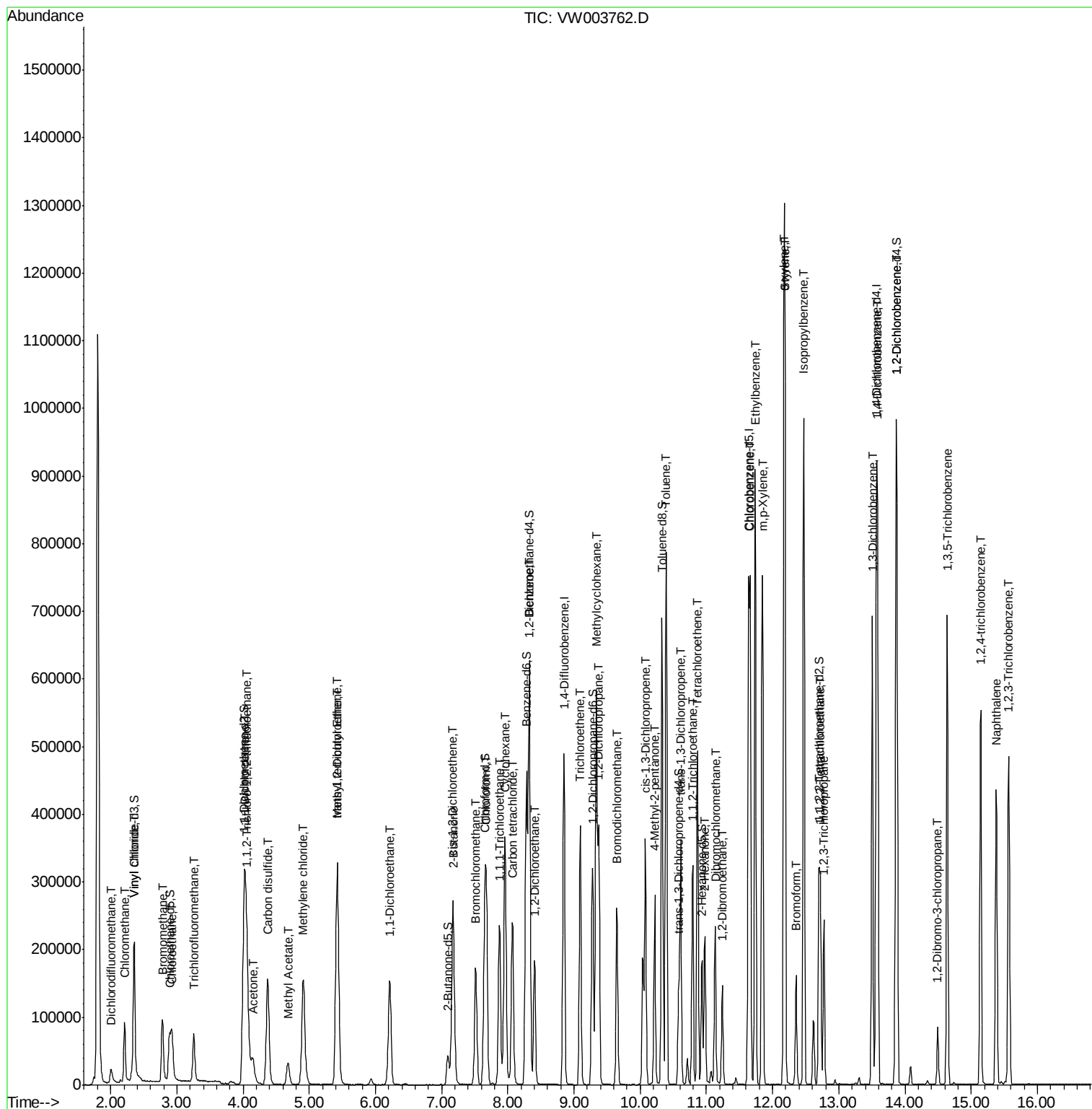
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Acq On       : 07 Jul 2018   11:36
Operator    : SY/AP
Sample      : VSTDICV025
Misc        : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial     : 1      Sample Multiplier: 1
```

Instrument :
MSVOA_W
ClientSampleId :
VICV92

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:57:22 PM

Quant Time: Jul 09 09:36:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070818S.M
Quant Title : VOC Analysis
QLast Update : Mon Jul 09 09:32:49 2018
Response via : Initial Calibration



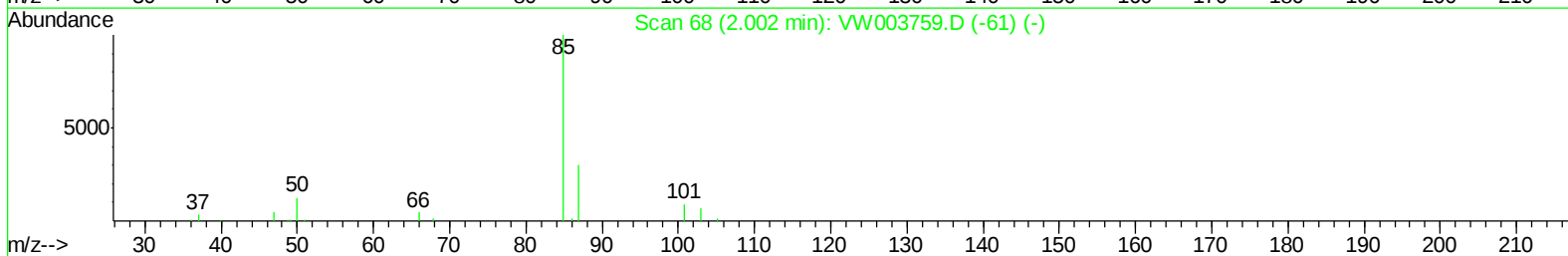
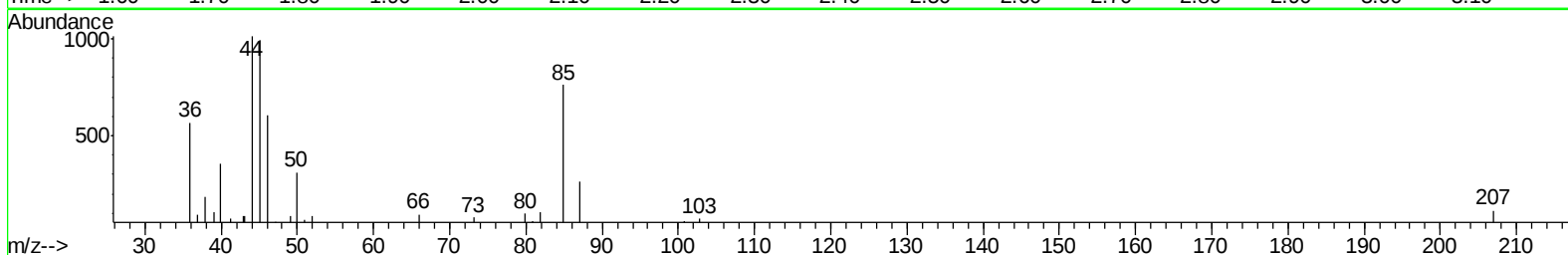
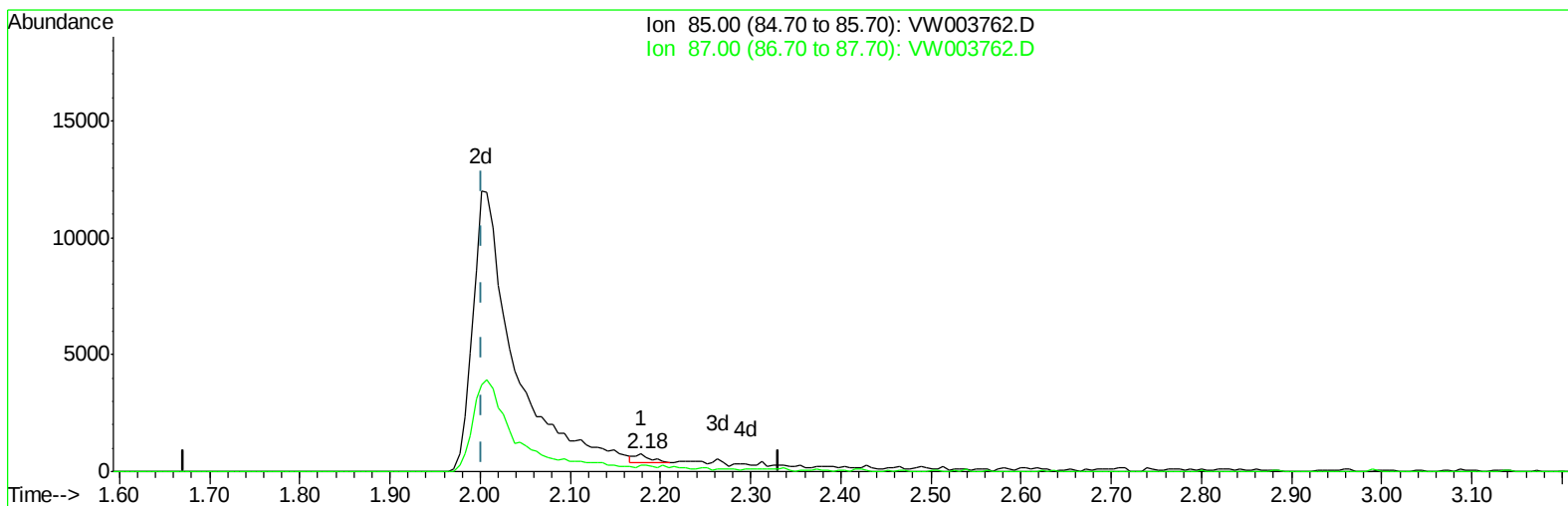
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW070818\
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Quant Time: Jul 09 04:42:46 2018
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TIC: VW003762.D

(2) Dichlorodifluoromethane (T)

2.178min (+0.177) 0.23ug/L

response 457

Ion	Exp%	Act%
85.00	100	100
87.00	23.40	26.48
0.00	0.00	0.00
0.00	0.00	0.00

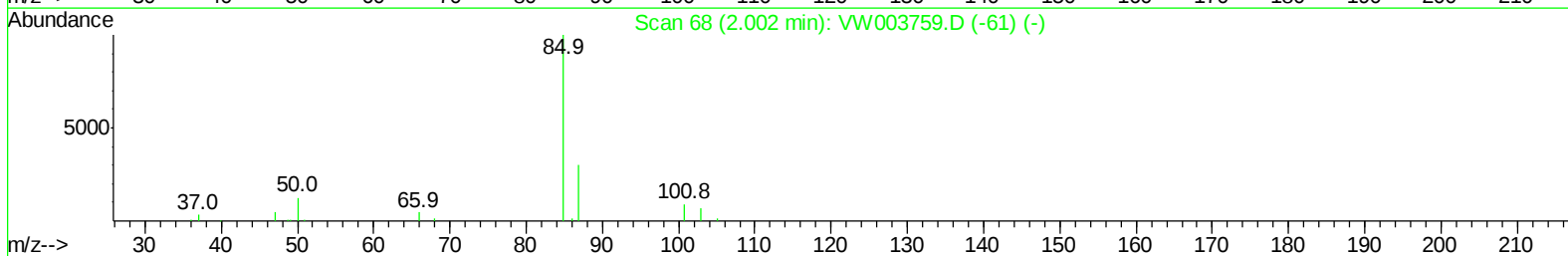
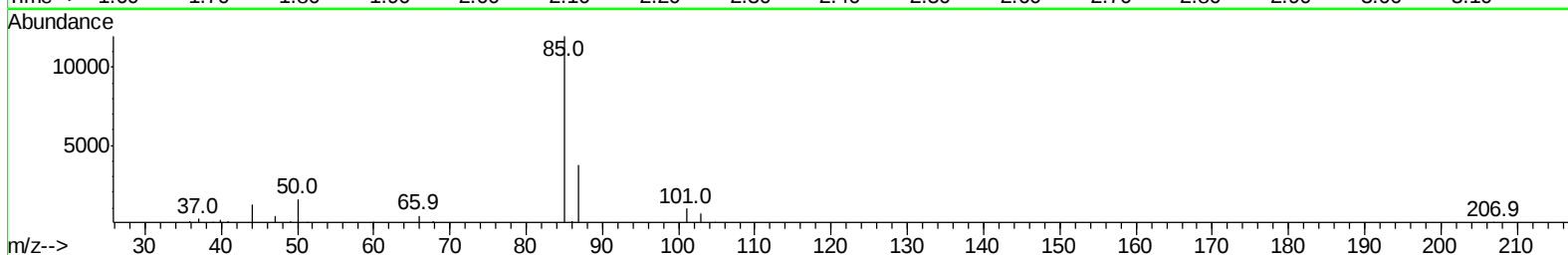
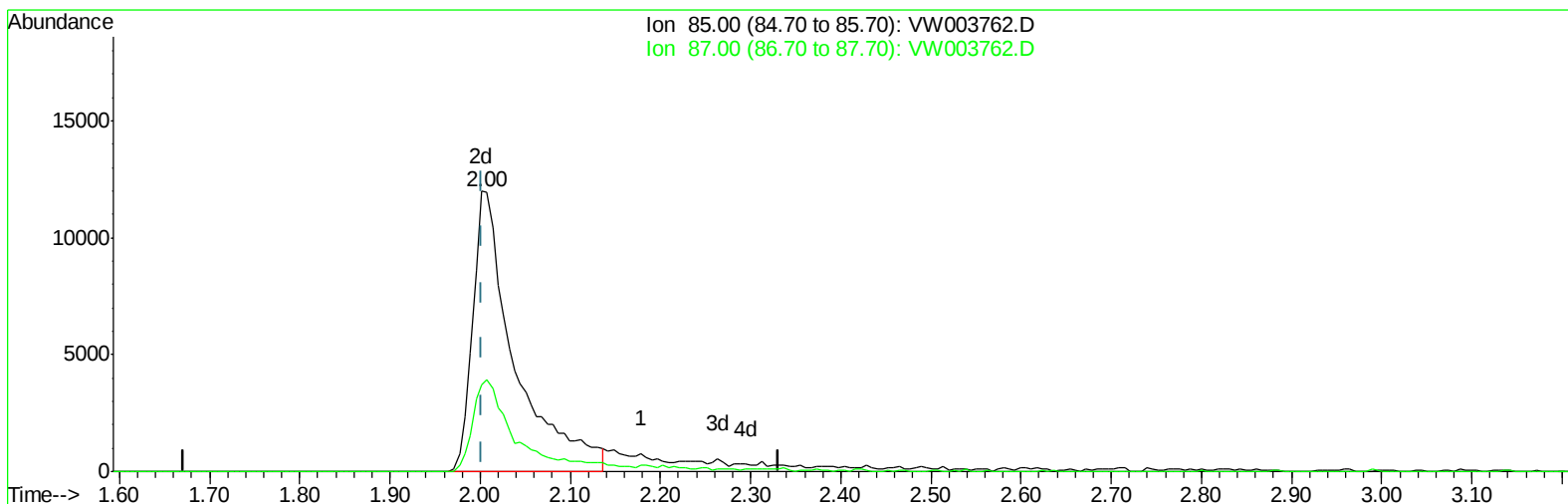
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TIC: VW003762.D

(2) Dichlorodifluoromethane (T)

2.002min (-0.000) 22.99ug/L m

response 38613

Ion	Exp%	Act%
85.00	100	100
87.00	23.40	0.31#
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	392656	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367791	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	184755	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	111538	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.52%
7) Chloroethane-d5	2.89	69	86657	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.64%
10) 1,1-Dichloroethene-d2	4.01	63	237322	23.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.88%
20) 2-Butanone-d5	7.09	46	75903	46.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.44%
24) Chloroform-d	7.65	84	242822	24.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.88%
26) 1,2-Dichloroethane-d4	8.31	65	143244	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.60%
29) Benzene-d6	8.27	84	463485	24.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.64%
33) 1,2-Dichloropropane-d6	9.27	67	150946	24.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.40%
37) Toluene-d8	10.33	98	445018	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.84%
38) trans-1,3-Dichloropropene-	10.58	79	69563	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.00%
39) 2-Hexanone-d5	10.93	63	58620	49.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.34%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	137074	24.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.12%
61) 1,2-Dichlorobenzene-d4	13.87	152	165553	24.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.84%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	38613m	22.990	ug/L
3) Chloromethane	2.21	50	87916	23.342	ug/L
5) Vinyl chloride	2.36	62	124468	21.741	ug/L
6) Bromomethane	2.78	94	72001	23.051	ug/L
8) Chloroethane	2.92	64	75346	22.107	ug/L
9) Trichlorofluoromethane	3.26	101	68720	22.414	ug/L
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	111992	22.922	ug/L
12) 1,1-Dichloroethene	4.03	96	107691	22.429	ug/L
13) Acetone	4.15	43	65951	39.773	ug/L
14) Carbon disulfide	4.37	76	358397	23.040	ug/L
15) Methyl Acetate	4.68	43	66217	21.674	ug/L
16) Methylene chloride	4.90	84	123491	22.011	ug/L
17) Methyl tert-butyl Ether	5.43	73	223019	24.131	ug/L
18) trans-1,2-Dichloroethene	5.42	96	118914	23.170	ug/L
19) 1,1-Dichloroethane	6.21	63	223417	23.086	ug/L
21) 2-Butanone	7.18	43	88032	43.525	ug/L
22) cis-1,2-Dichloroethene	7.17	96	128377	23.495	ug/L

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	59199	23.567	ug/L	97
25) Chloroform	7.68	83	231758	23.317	ug/L	98
27) 1,2-Dichloroethane	8.40	62	165820	23.145	ug/L	100
30) Cyclohexane	7.96	56	204967	24.194	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	185434	22.922	ug/L	100
32) Carbon tetrachloride	8.07	117	177709	23.211	ug/L	99
34) Benzene	8.32	78	510383	23.727	ug/L	100
35) Trichloroethene	9.09	95	132120	22.933	ug/L	99
36) Methylcyclohexane	9.34	83	228558	23.533	ug/L	100
40) 1,2-Dichloropropane	9.37	63	136449	23.841	ug/L	100
41) Bromodichloromethane	9.65	83	169332	23.398	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	204866	24.180	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	188684	47.399	ug/L	99
44) Toluene	10.39	91	554894	24.127	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	184266	23.933	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	97879	23.033	ug/L	97
47) Tetrachloroethene	10.87	164	108046	23.051	ug/L	98
49) 2-Hexanone	10.98	43	139408	46.249	ug/L	98
50) Dibromochloromethane	11.13	129	120822	23.860	ug/L	97
51) 1,2-Dibromoethane	11.24	107	97112	23.458	ug/L	98
52) Chlorobenzene	11.66	112	351815	23.450	ug/L	100
53) Ethylbenzene	11.74	91	625343	24.001	ug/L	100
54) m,p-Xylene	11.85	106	236767	24.713	ug/L	100
55) o-xylene	12.17	106	222385	24.644	ug/L	99
56) Styrene	12.19	104	389714	24.894	ug/L	99
57) Isopropylbenzene	12.47	105	611058	24.374	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	128173	22.974	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	95910	22.510	ug/L	100
62) Bromoform	12.35	173	72429	23.443	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	271507	23.740	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	284856	23.535	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	259994	23.570	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	21730	22.260	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	213571	23.896	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	174200	24.076	ug/L	99
69) Naphthalene	15.38	128	359504	24.657	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	161939	24.085	ug/L	99

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