

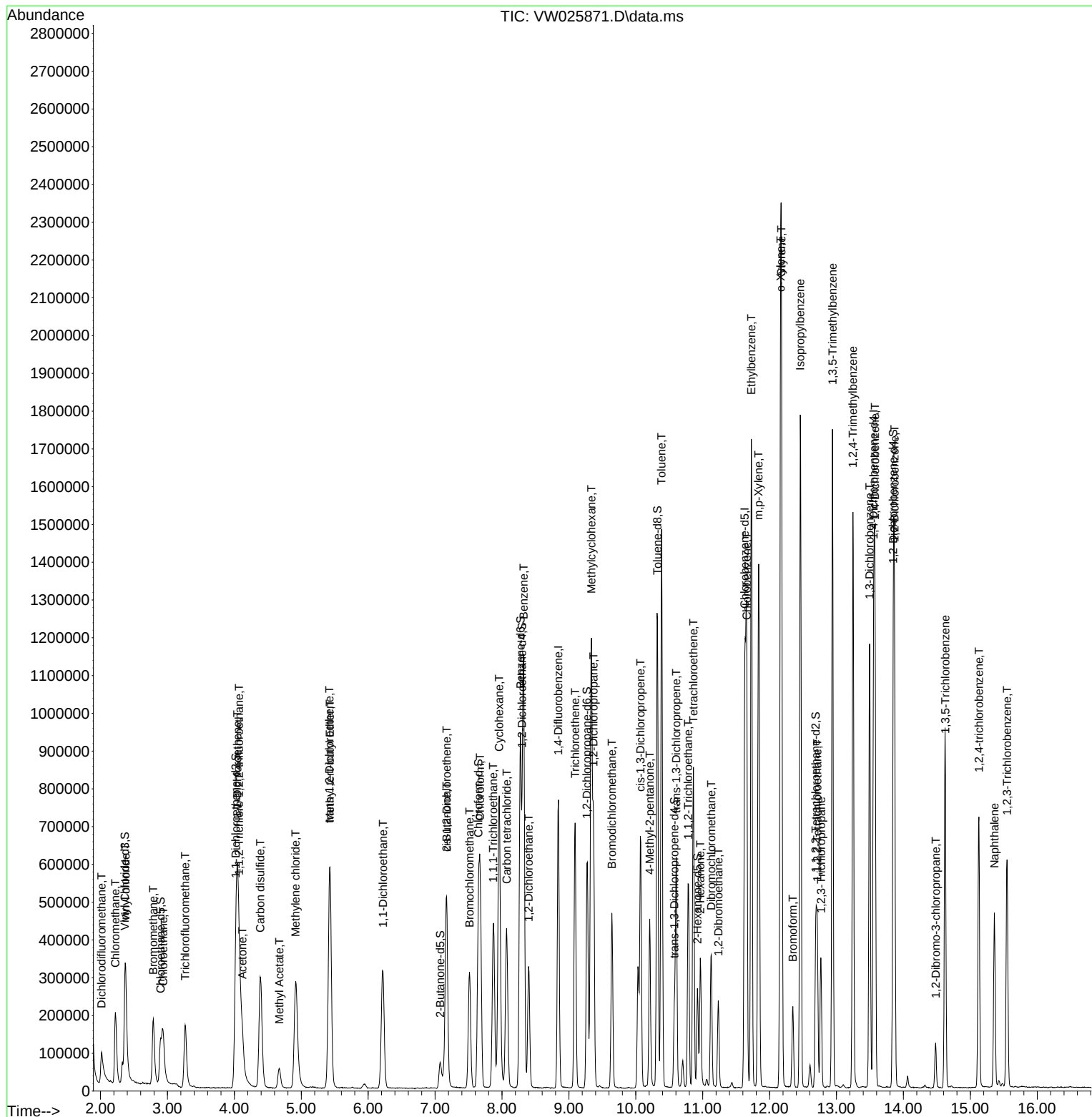
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
Data File : VW025871.D
Acq On : 08 May 2023 09:24
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

Quant Time: May 09 02:55:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 23:47:36 2023
Response via : Initial Calibration



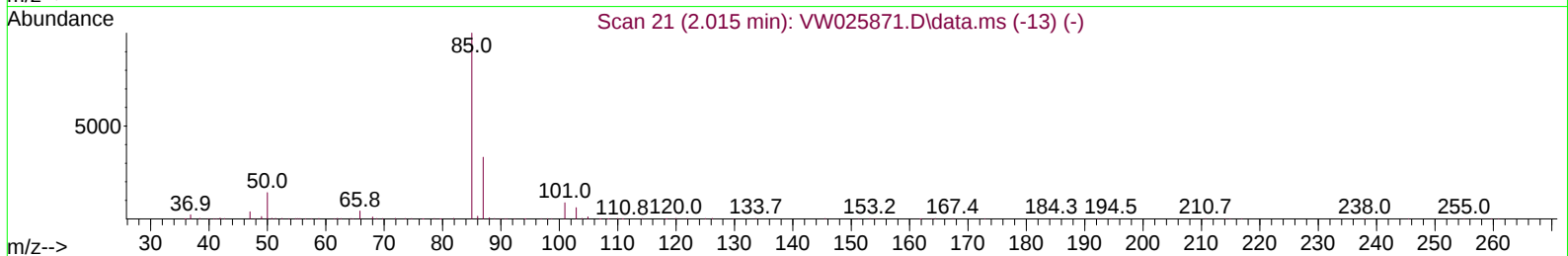
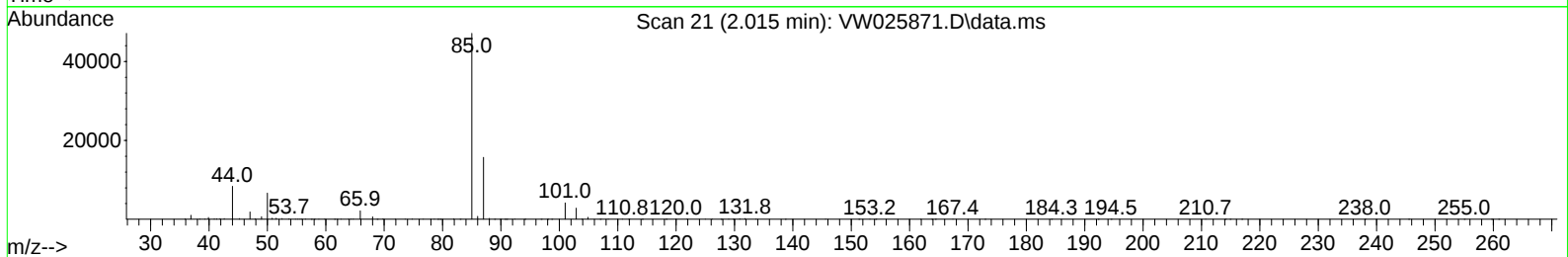
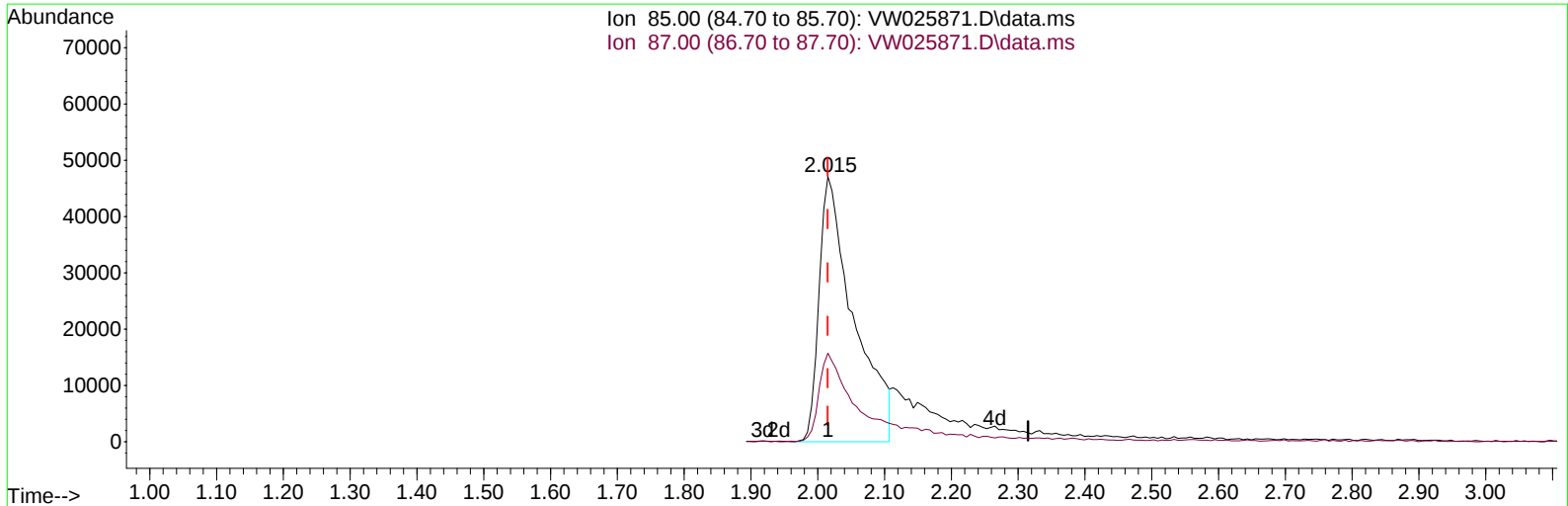
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TIC: VW025871.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (+ 0.000) 25.15 ug/L

response 168978

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	30.90	34.04
0.00	0.00	0.00
0.00	0.00	0.00

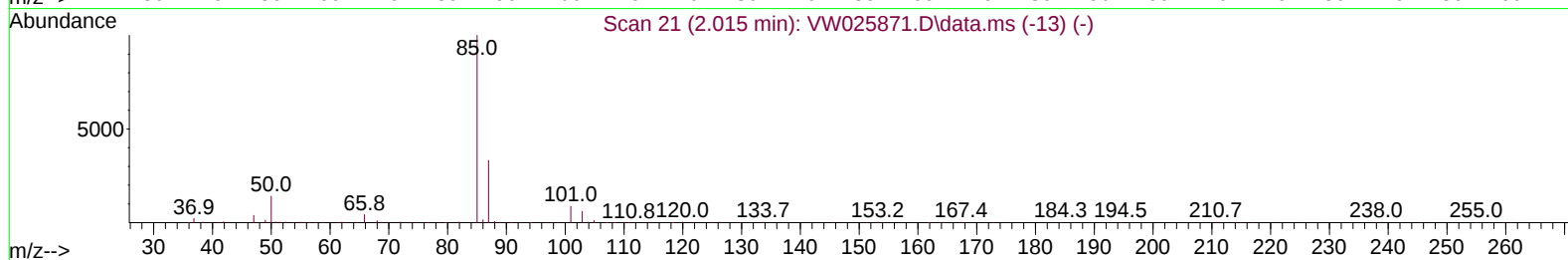
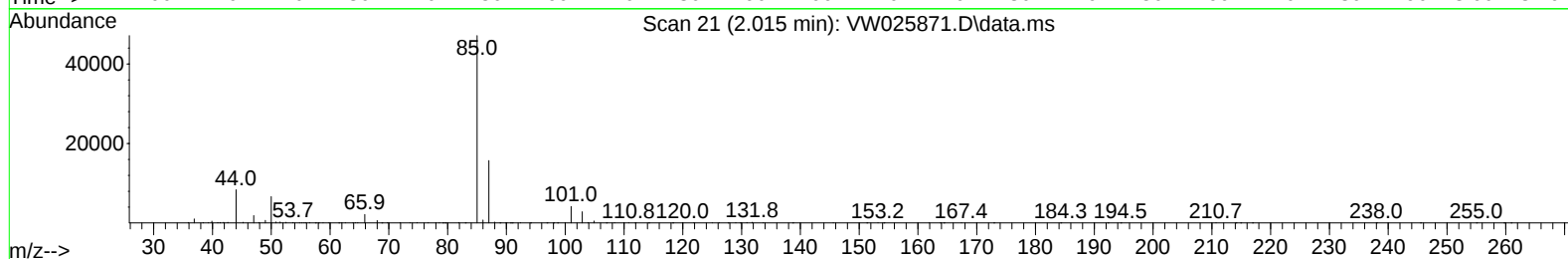
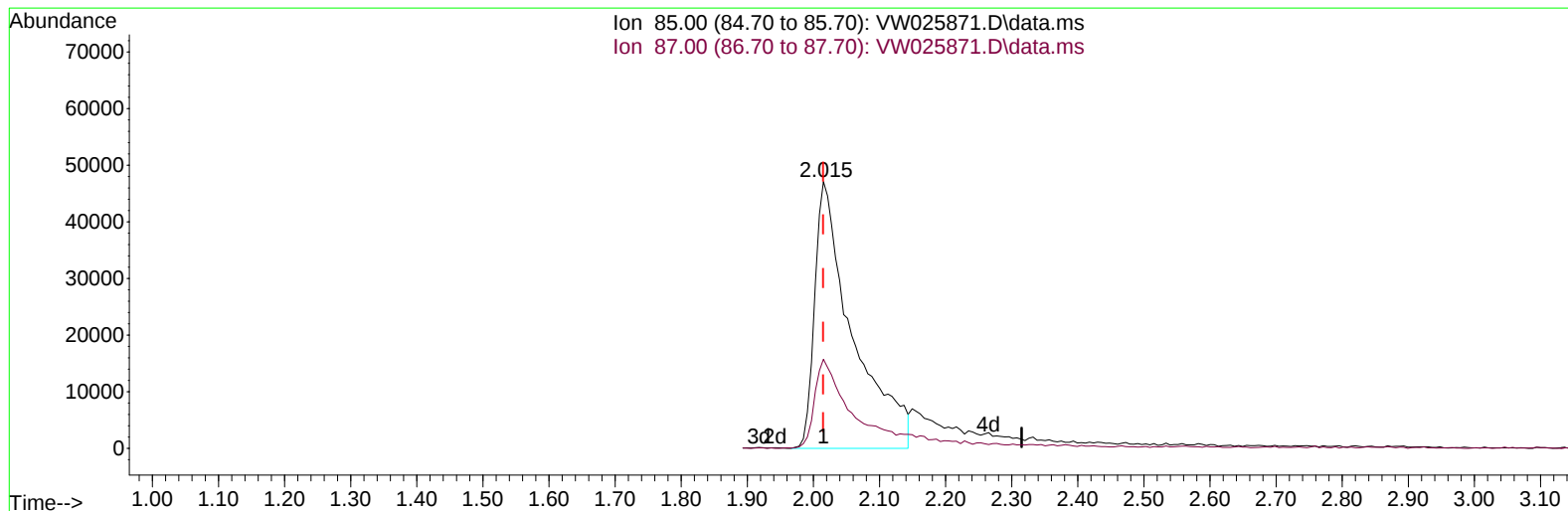
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TIC: VW025871.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (+ 0.000) 27.77 ug/L m

response 186570

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	30.90	30.83
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	8.843	114	601385	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	543410	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	262288	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	224953	26.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.600%
7) Chloroethane-d5	2.899	69	174746	27.658	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.640%
11) 1,1-Dichloroethene-d2	4.021	65	107450	25.180	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.720%
21) 2-Butanone-d5	7.075	46	121181	43.013	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.020%
24) Chloroform-d	7.648	84	454658	26.219	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.880%
26) 1,2-Dichloroethane-d4	8.301	65	242984	24.779	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.120%
32) Benzene-d6	8.276	84	916764	25.819	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.280%
36) 1,2-Dichloropropane-d6	9.270	67	287268	25.286	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.160%
41) Toluene-d8	10.325	98	818699	25.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.440%
43) trans-1,3-Dichloroprop...	10.575	79	109620	23.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.200%
47) 2-Hexanone-d5	10.922	63	86797	44.805	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	206553	23.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	234535	24.529	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	186570m	27.769	ug/L	
3) Chloromethane	2.223	50	260539	26.300	ug/L	99
5) Vinyl chloride	2.375	62	281001	27.405	ug/L	99
6) Bromomethane	2.789	94	151652	27.193	ug/L	98
8) Chloroethane	2.936	64	164126	28.150	ug/L	97
9) Trichlorofluoromethane	3.265	101	203231	26.263	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	231639	27.524	ug/L	98
12) 1,1-Dichloroethene	4.045	96	211353	26.278	ug/L	95
13) Acetone	4.119	43	116800	46.756	ug/L	99
14) Carbon disulfide	4.387	76	699960	25.734	ug/L	99
15) Methyl Acetate	4.673	43	106949	21.725	ug/L	100
16) Methylene chloride	4.917	84	238251	19.210	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	228203	26.008	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	316577	23.772	ug/L	100
19) 1,1-Dichloroethane	6.222	63	472166	26.192	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	240779	25.578	ug/L	98
22) 2-Butanone	7.173	43	152357	44.169	ug/L	99
23) Bromochloromethane	7.514	128	99578	24.970	ug/L	97
25) Chloroform	7.673	83	435961	26.312	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	289691	24.619	ug/L	98
29) Cyclohexane	7.959	56	444562	26.399	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	347952	26.182	ug/L	99
31) Carbon tetrachloride	8.069	117	316550	26.468	ug/L	99
33) Benzene	8.325	78	984943	26.198	ug/L	100
34) Trichloroethene	9.093	95	248252	25.733	ug/L	99
35) Methylcyclohexane	9.337	83	447677	26.091	ug/L	99
37) 1,2-Dichloropropane	9.368	63	266147	25.839	ug/L	100
38) Bromodichloromethane	9.642	83	299975	25.384	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	375677	24.871	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	301889	45.027	ug/L	99
42) Toluene	10.386	91	1019592	26.542	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	313952	25.084	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	169264	24.566	ug/L	97
46) Tetrachloroethene	10.861	164	182373	26.871	ug/L	92
48) 2-Hexanone	10.965	43	222297	46.282	ug/L	99
49) Dibromochloromethane	11.129	129	182047	25.521	ug/L	100
50) 1,2-Dibromoethane	11.233	107	149683	23.565	ug/L	97
51) Chlorobenzene	11.660	112	603896	25.376	ug/L	95
52) Ethylbenzene	11.727	91	1144326	26.482	ug/L	100
53) m,p-Xylene	11.837	106	422993	26.597	ug/L	97
54) o-Xylene	12.166	106	388602	25.923	ug/L	97
55) Styrene	12.178	104	697363	27.180	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	203709	23.694	ug/L	97
59) Bromoform	12.349	173	93243	24.000	ug/L	98
60) Isopropylbenzene	12.458	105	1089943	27.338	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	146546	23.641	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	856772	27.132	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	780229	26.775	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	437638	25.499	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	454960	26.238	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	392593	25.649	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	31455	21.883	ug/L	93
69) 1,3,5-Trichlorobenzene	14.629	180	262983	23.084	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	214677	22.493	ug/L	98
71) Naphthalene	15.360	128	363565	20.182	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	192364	22.715	ug/L	98

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