

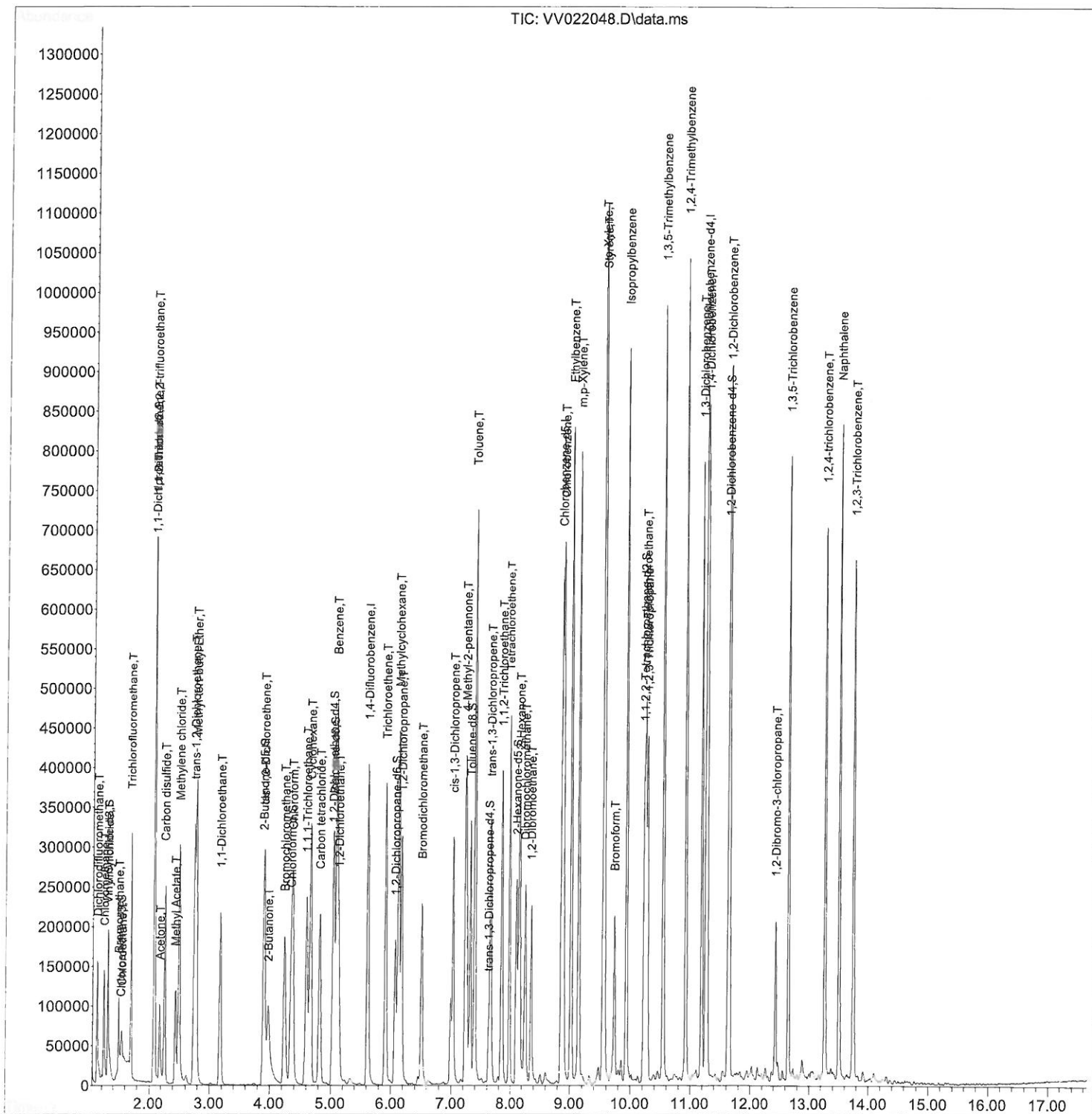
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083121\
 Data File : VV022048.D
 Acq On : 31 Aug 2021 18:09
 Operator : SY/MD
 Sample : M3526-02MS
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleID :
 EW7A9MS

Manual Integrations
 APPROVED

MMDadoda
 9/1/2021 12:30:22 PM

Quant Time: Sep 01 02:47:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 01 02:41:24 2021
 Response via : Initial Calibration



Quantitation Report (Qedit)

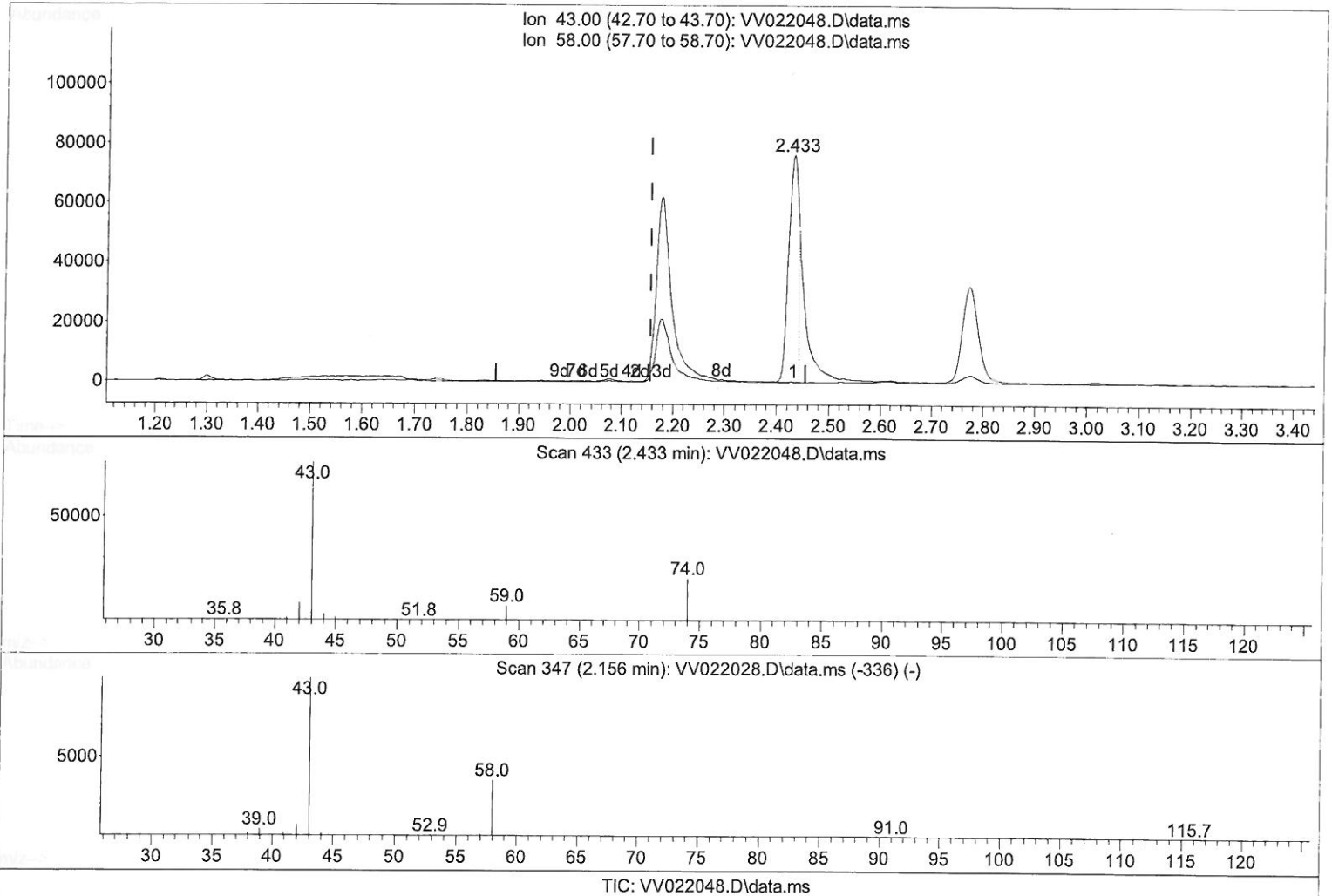
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(13) Acetone (T)

2.433min (+ 0.277) 67.81 ug/L

response 103190

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	0.20	0.04
0.00	0.00	0.00
0.00	0.00	0.00

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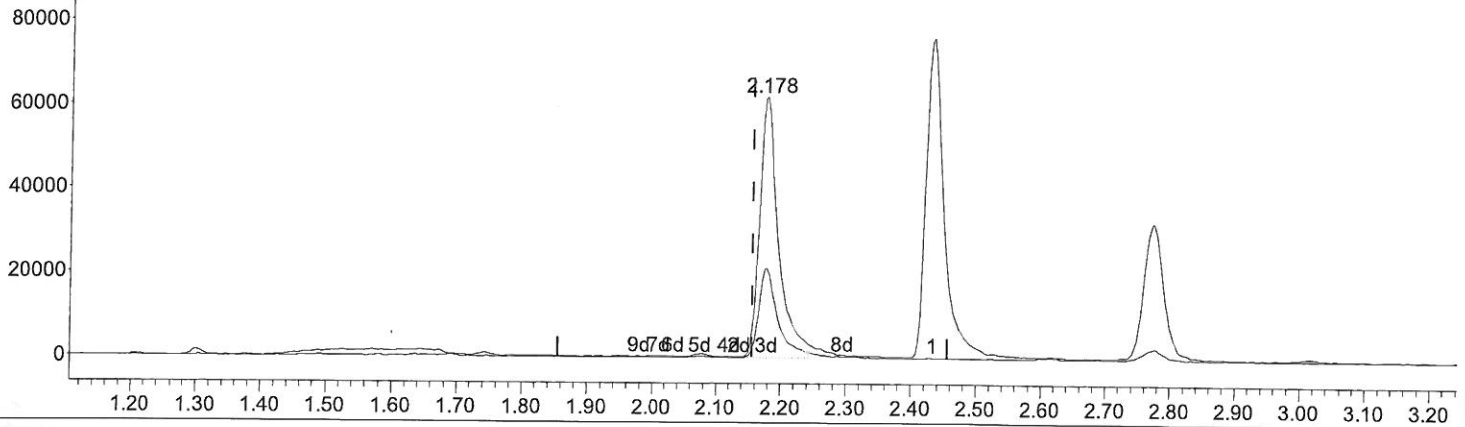
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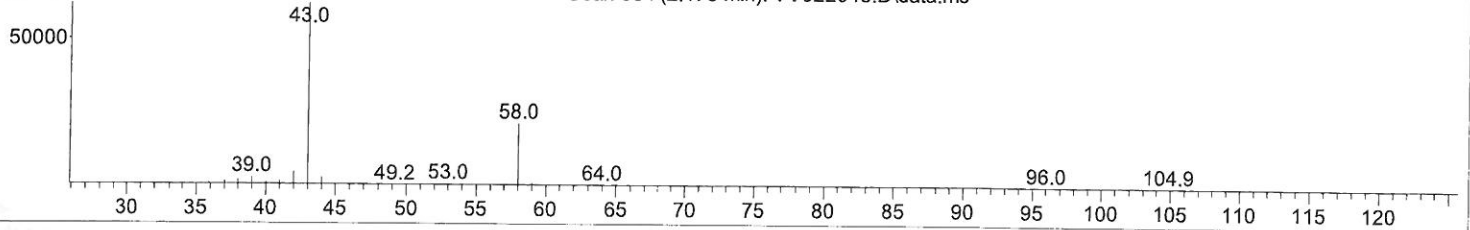
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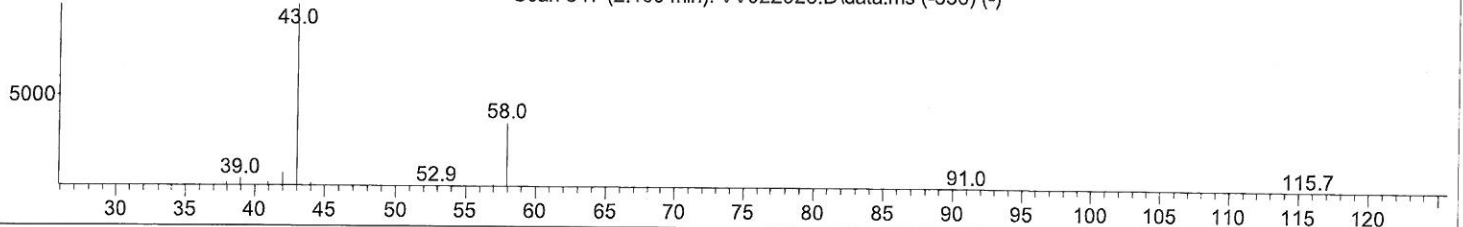
Ion 43.00 (42.70 to 43.70): VV022048.D\data.ms
 Ion 58.00 (57.70 to 58.70): VV022048.D\data.ms



Scan 354 (2.178 min): VV022048.D\data.ms



Scan 347 (2.156 min): VV022028.D\data.ms (-336) (-)



TIC: VV022048.D\data.ms

(13) Acetone (T)

2.178min (+ 0.023) 83.06 ug/L m

response 126401

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	0.20	0.03
0.00	0.00	0.00
0.00	0.00	0.00

SMO
9/8/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	382438	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	375080	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	221086	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	59538	22.480	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	44.960%#	
7) Chloroethane-d5	1.529	69	17370	8.398	ug/L	-0.03
Spiked Amount 50.000	Range 70	- 130	Recovery	=	16.800%#	
11) 1,1-Dichloroethene-d2	2.076	63	123752	28.254	ug/L	-0.03
Spiked Amount 50.000	Range 60	- 125	Recovery	=	56.500%#	
21) 2-Butanone-d5	3.892	46	159815	87.987	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130	Recovery	=	87.990%	
24) Chloroform-d	4.346	84	152135	31.503	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	63.000%#	
26) 1,2-Dichloroethane-d4	5.030	65	92279	32.442	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	64.880%#	
32) Benzene-d6	5.043	84	260295	25.586	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	51.180%#	
36) 1,2-Dichloropropane-d6	6.069	67	96288	30.096	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	60.200%#	
41) Toluene-d8	7.317	98	222882	23.208	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	46.420%#	
43) trans-1,3-Dichloroprop...	7.625	79	44047	28.925	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	57.860%#	
47) 2-Hexanone-d5	8.101	63	119858	97.636	ug/L	0.01
Spiked Amount 100.000	Range 45	- 130	Recovery	=	97.640%	
56) 1,1,2,2-Tetrachloroeth...	10.223	84	181643	44.330	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	88.660%	
66) 1,2-Dichlorobenzene-d4	11.628	152	130593	30.047	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	60.100%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	108807	41.390	ug/L	100
3) Chloromethane	1.236	50	124010	44.550	ug/L	99
5) Vinyl chloride	1.304	62	129777	46.255	ug/L	97
6) Bromomethane	1.490	94	37668	22.331	ug/L	98
8) Chloroethane	1.545	64	23635	13.466	ug/L	98
9) Trichlorofluoromethane	1.690	101	168468	42.165	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	107193	45.742	ug/L	99
12) 1,1-Dichloroethene	2.082	96	101272	45.908	ug/L	# 79
13) Acetone	2.178	43	126401m	83.057	ug/L	
14) Carbon disulfide	2.259	76	280737	42.176	ug/L	99
15) Methyl Acetate	2.433	43	145369	49.050	ug/L	100
16) Methylene chloride	2.490	84	143357	48.504	ug/L	99
17) trans-1,2-Dichloroethene	2.741	96	125127	46.912	ug/L	98
18) Methyl tert-butyl Ether	2.773	73	402751	47.518	ug/L	99
19) 1,1-Dichloroethane	3.175	63	223827	47.116	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	139053	46.841	ug/L	99
22) 2-Butanone	3.976	43	192012	89.758	ug/L	100
23) Bromochloromethane	4.239	128	75983	48.061	ug/L	99

MMD
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.371	83	239586	47.643	ug/L	100
27) 1,2-Dichloroethane	5.127	62	167697	49.748	ug/L	99
29) Cyclohexane	4.664	56	185703	44.290	ug/L	100
30) 1,1,1-Trichloroethane	4.600	97	201016	45.093	ug/L	100
31) Carbon tetrachloride	4.818	117	168020	43.870	ug/L	100
33) Benzene	5.092	78	505159	46.291	ug/L	100
34) Trichloroethene	5.911	95	134571	43.535	ug/L	100
35) Methylcyclohexane	6.124	83	198453	43.916	ug/L	99
37) 1,2-Dichloropropane	6.172	63	132751	46.929	ug/L	99
38) Bromodichloromethane	6.513	83	164158	45.379	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	204224	46.761	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	396789	103.466	ug/L	99
42) Toluene	7.387	91	550921	46.776	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	194180	47.772	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	138367	48.074	ug/L	99
46) Tetrachloroethene	7.976	164	108084	44.969	ug/L	99
48) 2-Hexanone	8.153	43	306086	102.868	ug/L	99
49) Dibromochloromethane	8.249	129	143198	46.479	ug/L	99
50) 1,2-Dibromoethane	8.355	107	147405	47.719	ug/L	100
51) Chlorobenzene	8.882	112	379488	47.923	ug/L	99
52) Ethylbenzene	9.014	91	601542	47.181	ug/L	99
53) m,p-Xylene	9.140	106	238530	48.133	ug/L	97
54) o-Xylene	9.545	106	236612	48.255	ug/L	97
55) Styrene	9.564	104	418016	49.955	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.249	83	232654	55.789	ug/L	100
59) Bromoform	9.738	173	104664	44.573	ug/L	100
60) Isopropylbenzene	9.934	105	627612	45.178	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	181463	47.358	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	532922	45.694	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	554548	46.780	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	325372	46.130	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	330502	45.791	ug/L	100
67) 1,2-Dichlorobenzene	11.648	146	322227	46.009	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	43649	47.266	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	239508	45.412	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	209720	45.203	ug/L	99
71) Naphthalene	13.506	128	640690	48.006	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	205106	45.324	ug/L	99

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