

(QT Reviewed)

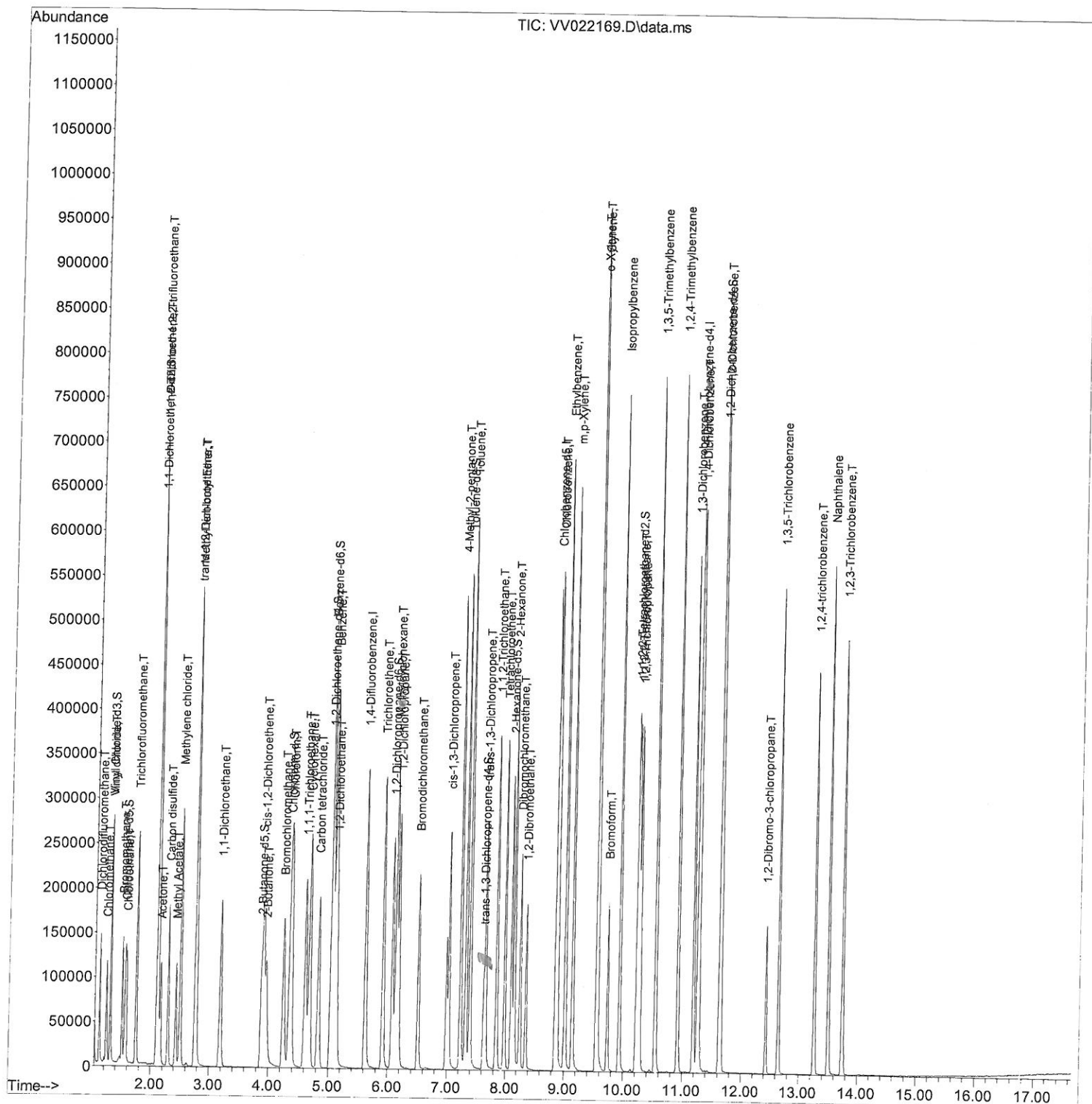
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091621\
Data File : VV022169.D
Acq On : 16 Sep 2021 20:33
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050EC

Manual Integrations

MMDadoda
9/17/2021 10:33:08 AM

Quant Time: Sep 17 01:58:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 17 01:54:12 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

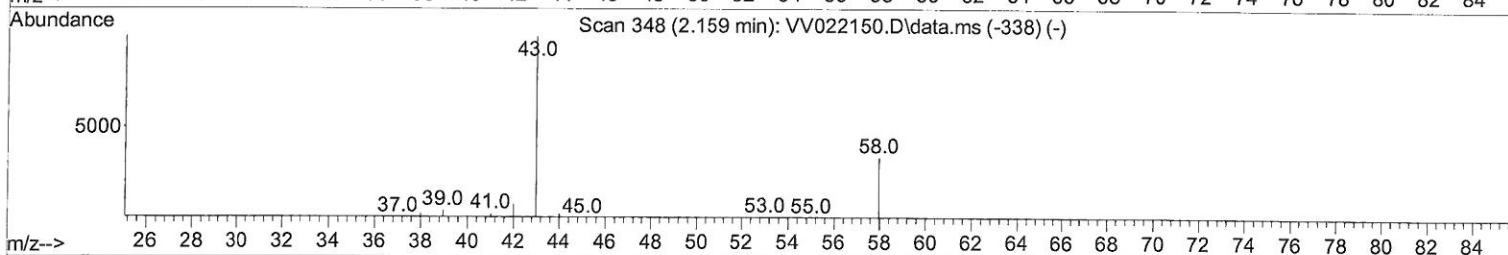
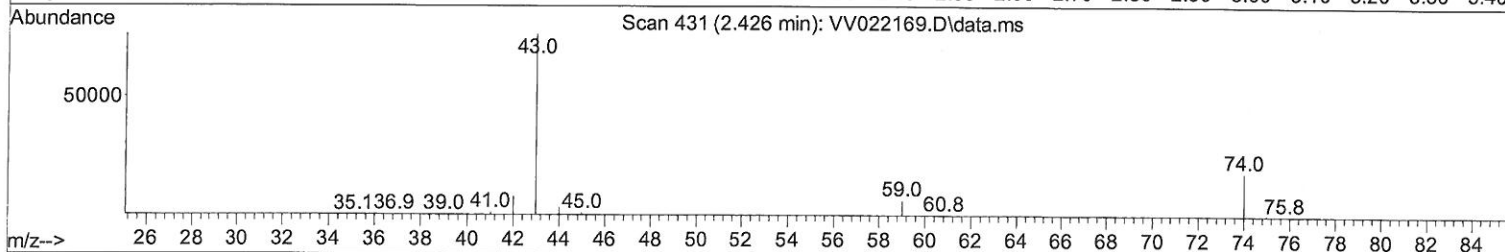
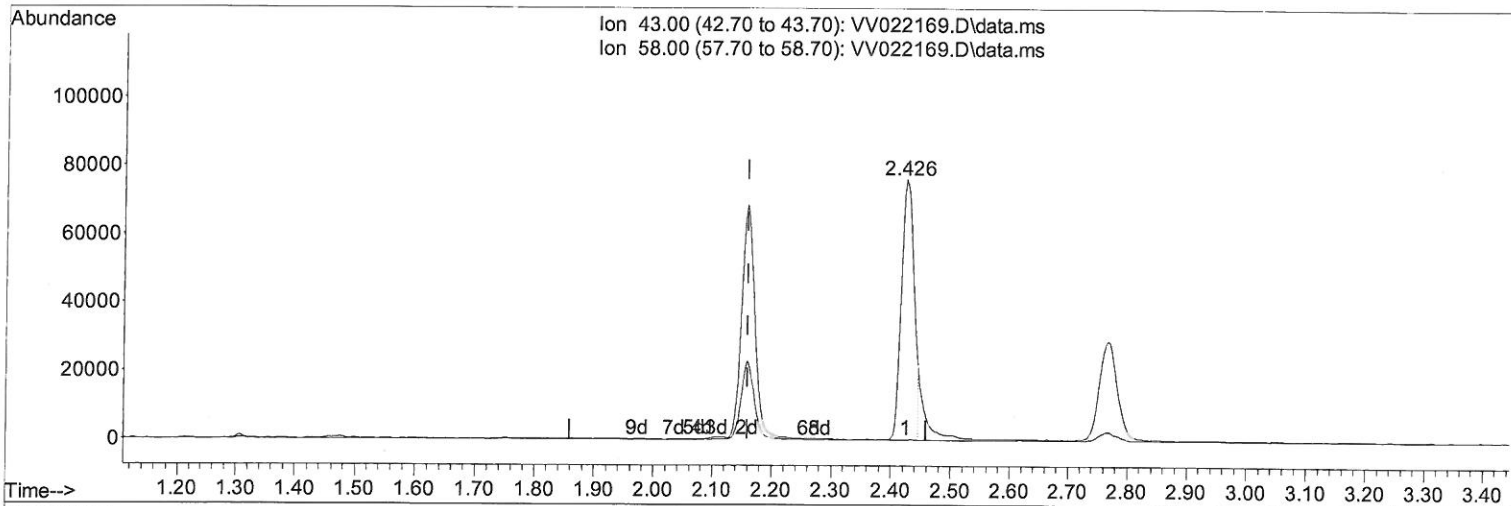
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TIC: VV022169.D\data.ms

(13) Acetone (T)

2.426min (+ 0.267) 92.80 ug/L

response 111387

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

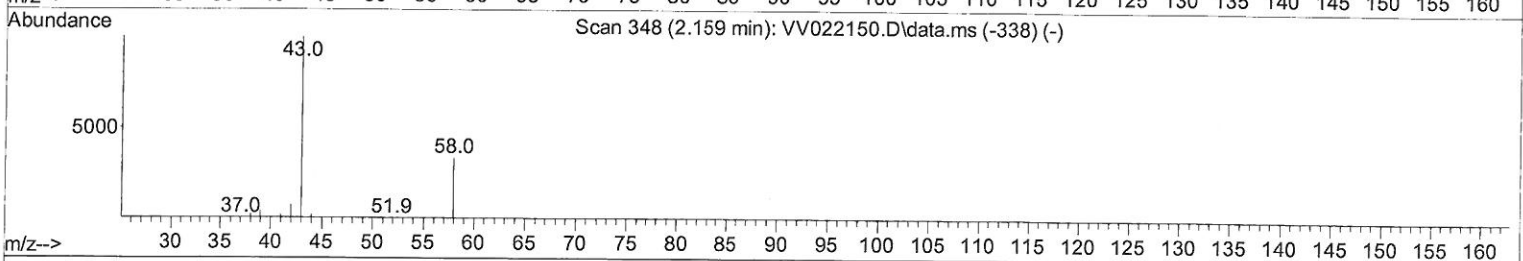
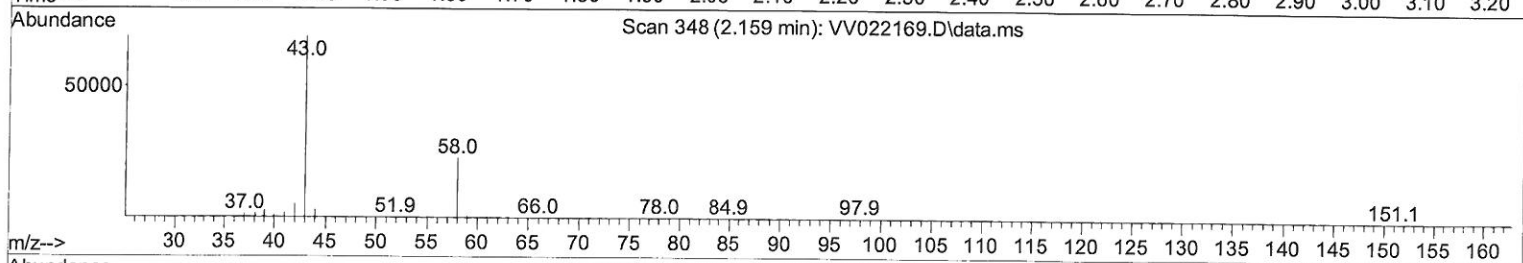
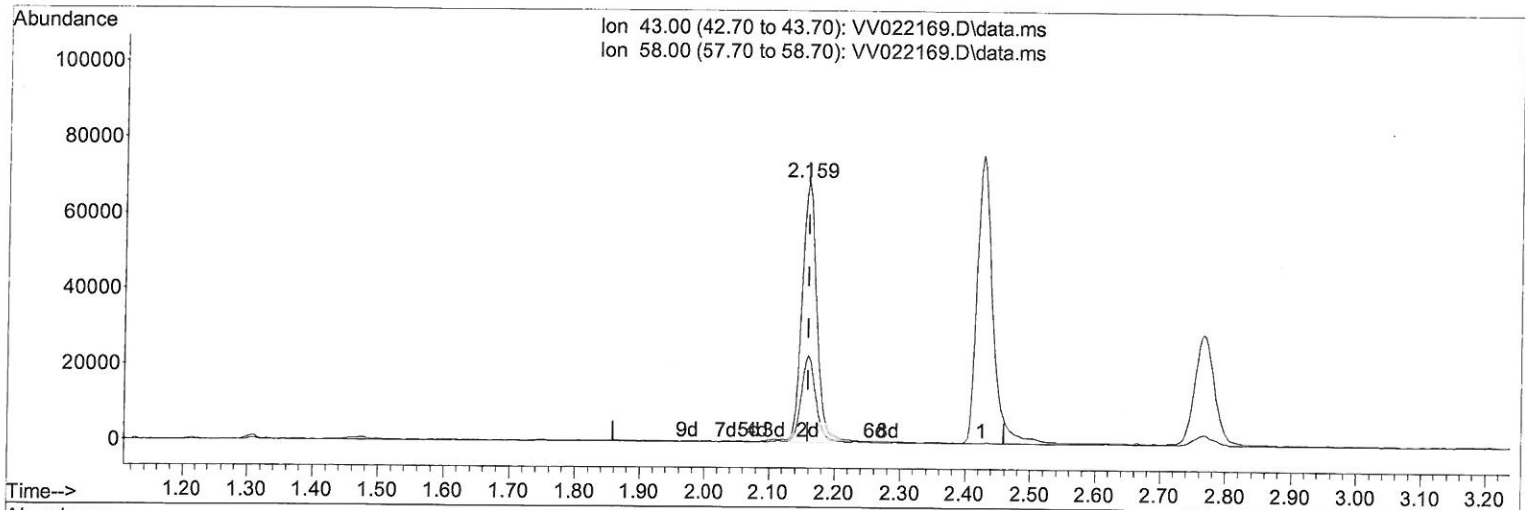
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TIC: VV022169.D\data.ms

(13) Acetone (T)

2.159min (-0.000) 89.37 ug/L m

```
response      107270
```

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

7 mD
9/21/21

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)

Internal Standards					
1) 1,4-Difluorobenzene	5.619	114	301632	50.000 ug/L	0.00
28) Chlorobenzene-d5	8.854	117	292360	50.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	158501	50.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.304	65	92661	44.360 ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.720%		
7) Chloroethane-d5	1.558	69	81525	49.978 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.960%		
11) 1,1-Dichloroethene-d2	2.105	63	178952	51.801 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.600%		
21) 2-Butanone-d5	3.876	46	168555	117.660 ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.660%		
24) Chloroform-d	4.349	84	204769	53.762 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.520%		
26) 1,2-Dichloroethane-d4	5.034	65	121711	54.252 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.500%		
32) Benzene-d6	5.050	84	408397	51.502 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.000%		
36) 1,2-Dichloropropane-d6	6.072	67	125705	50.407 ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.820%		
41) Toluene-d8	7.317	98	379986	50.763 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.520%		
43) trans-1,3-Dichloroprop...	7.625	79	56808	47.860 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.720%		
47) 2-Hexanone-d5	8.088	63	111926	116.971 ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.970%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	181187	56.729 ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 113.460%		
66) 1,2-Dichlorobenzene-d4	11.625	152	154749	49.664 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.320%		
Target Compounds			Qvalue		
2) Dichlorodifluoromethane	1.127	85	77896	37.570 ug/L	99
3) Chloromethane	1.240	50	88816	40.454 ug/L	97
5) Vinyl chloride	1.310	62	93937	42.451 ug/L	100
6) Bromomethane	1.507	94	62485	46.966 ug/L	97
8) Chloroethane	1.577	64	65196	47.097 ug/L	99
9) Trichlorofluoromethane	1.748	101	153186	48.612 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	91614	49.567 ug/L	99
12) 1,1-Dichloroethene	2.114	96	85669	49.239 ug/L	94
13) Acetone	2.159	43	107270m	89.369 ug/L	99
14) Carbon disulfide	2.291	76	205684	39.179 ug/L	99
15) Methyl Acetate	2.426	43	124723	53.358 ug/L	99
16) Methylene chloride	2.503	84	120285	51.601 ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	96996	46.108 ug/L	96
18) Methyl tert-butyl Ether	2.767	73	339773	50.827 ug/L	99
19) 1,1-Dichloroethane	3.188	63	192725	51.438 ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	113726	48.572 ug/L	95
22) 2-Butanone	3.957	43	172587	102.291 ug/L	98
23) Bromochloromethane	4.249	128	62346	50.000 ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.375	83	201636	50.838	ug/L	99
27) 1,2-Dichloroethane	5.130	62	145325	54.661	ug/L	99
29) Cyclohexane	4.677	56	144356	44.170	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	172861	49.748	ug/L	99
31) Carbon tetrachloride	4.828	117	146162	48.961	ug/L	98
33) Benzene	5.101	78	426130	50.098	ug/L	100
34) Trichloroethene	5.915	95	112575	46.723	ug/L	98
35) Methylcyclohexane	6.133	83	148277	42.097	ug/L	98
37) 1,2-Dichloropropane	6.175	63	111836	50.721	ug/L	98
38) Bromodichloromethane	6.513	83	145436	51.578	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	158758	46.636	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	344448	115.231	ug/L	98
42) Toluene	7.391	91	461362	50.255	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	157273	49.639	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	117323	52.295	ug/L	100
46) Tetrachloroethene	7.976	164	85816	45.806	ug/L	96
48) 2-Hexanone	8.140	43	263851	113.763	ug/L	97
49) Dibromochloromethane	8.249	129	124993	52.049	ug/L	97
50) 1,2-Dibromoethane	8.355	107	121737	50.560	ug/L	98
51) Chlorobenzene	8.882	112	302135	48.950	ug/L	99
52) Ethylbenzene	9.014	91	483527	48.655	ug/L	99
53) m,p-Xylene	9.140	106	187534	48.550	ug/L	99
54) o-Xylene	9.545	106	187423	49.039	ug/L	98
55) Styrene	9.561	104	331323	50.797	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	184607	56.793	ug/L	99
59) Bromoform	9.735	173	86010	51.092	ug/L	100
60) Isopropylbenzene	9.934	105	495166	49.718	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	152178	55.397	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	409455	48.970	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	422454	49.708	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	242331	47.923	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	243222	47.005	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	251561	50.102	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	37000	55.886	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	168270	44.503	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	140060	42.108	ug/L	100
71) Naphthalene	13.503	128	443298	46.331	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	150144	46.280	ug/L	99

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