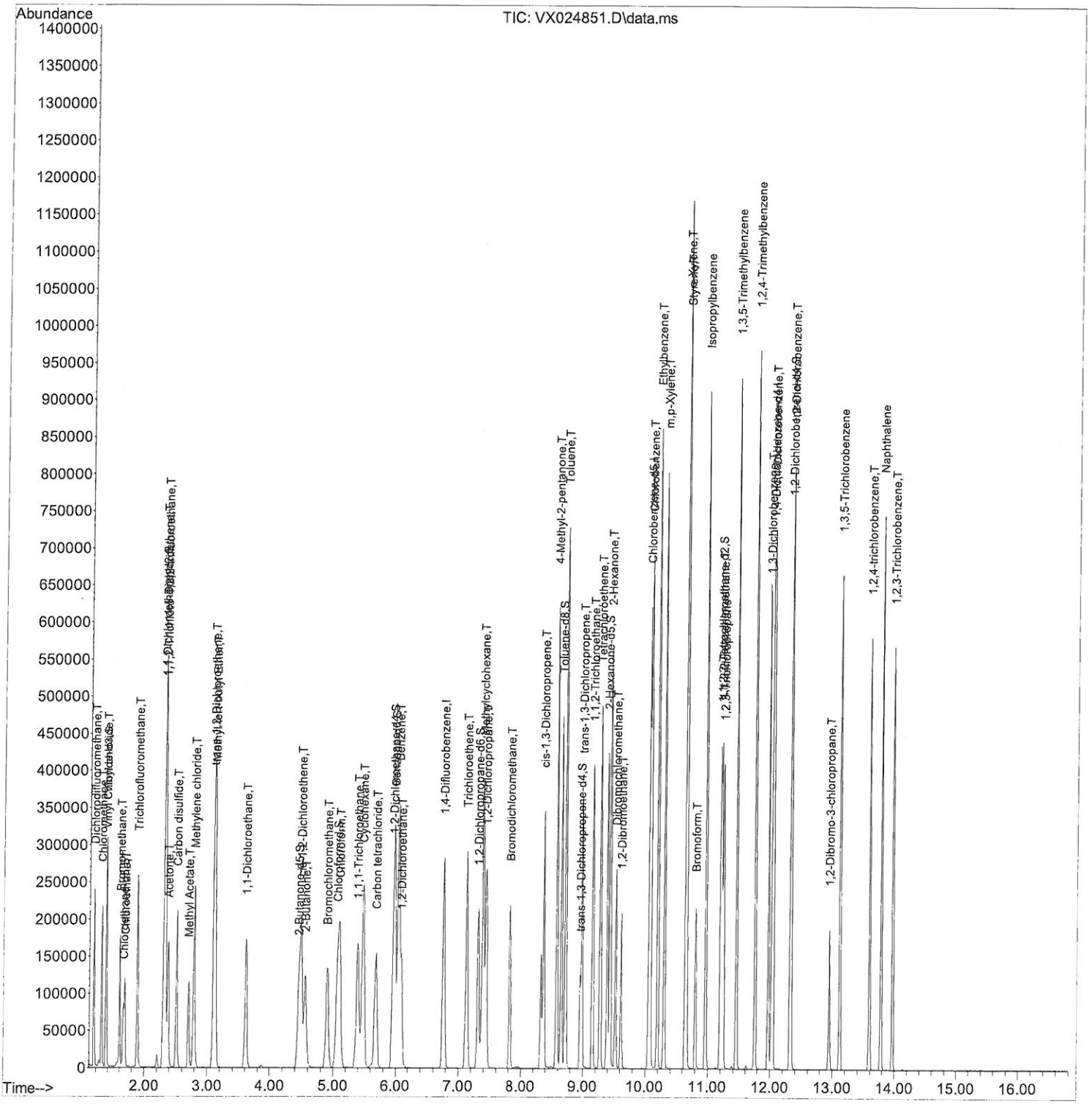
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101921\
Data File : VX024851.D
Acq On : 19 Oct 2021 16:30
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 20 04:24:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 20 04:21:44 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
10/21/2021 10:46:41 AM



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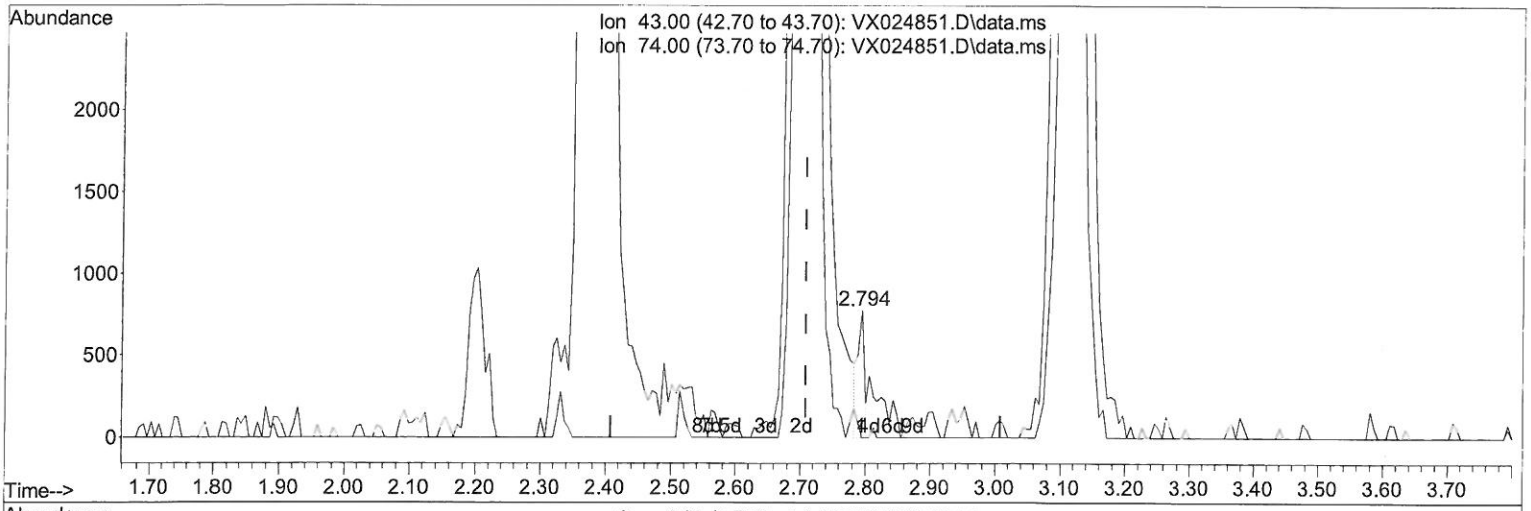

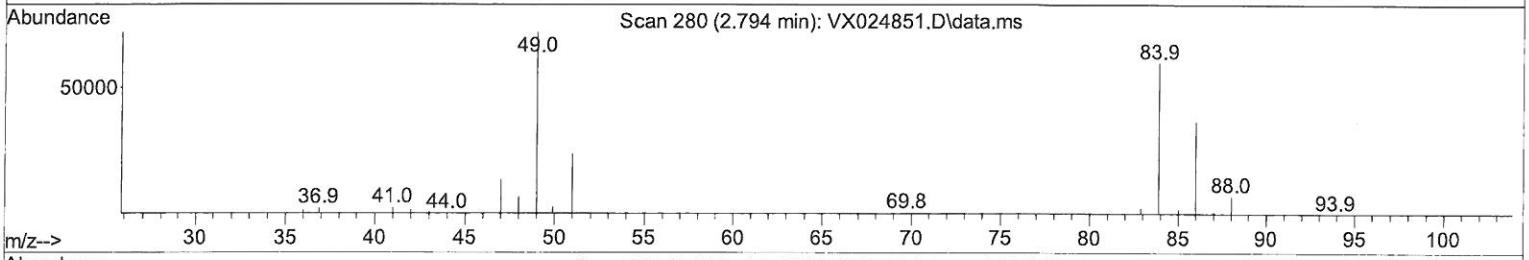

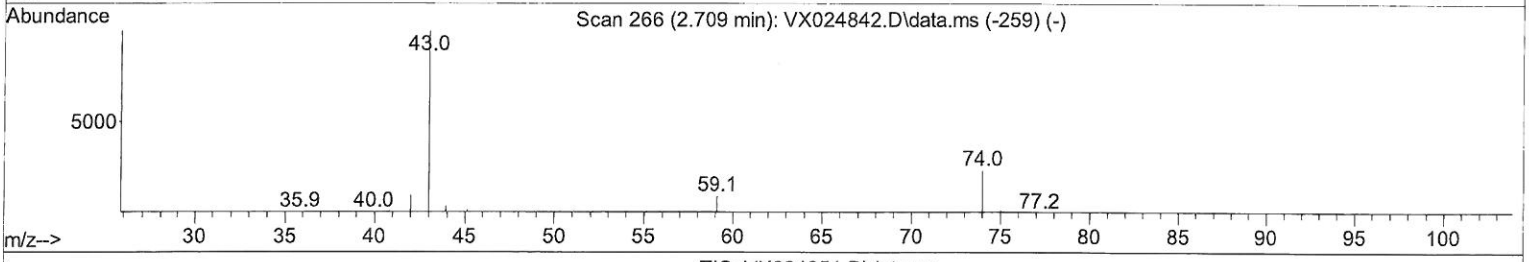

TIC: VX024851.D\data.ms

(15) Methyl Acetate (T)

2.794min (+ 0.085) 0.23 ug/L

response 542

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	27.10	24.35
0.00	0.00	0.00
0.00	0.00	0.00

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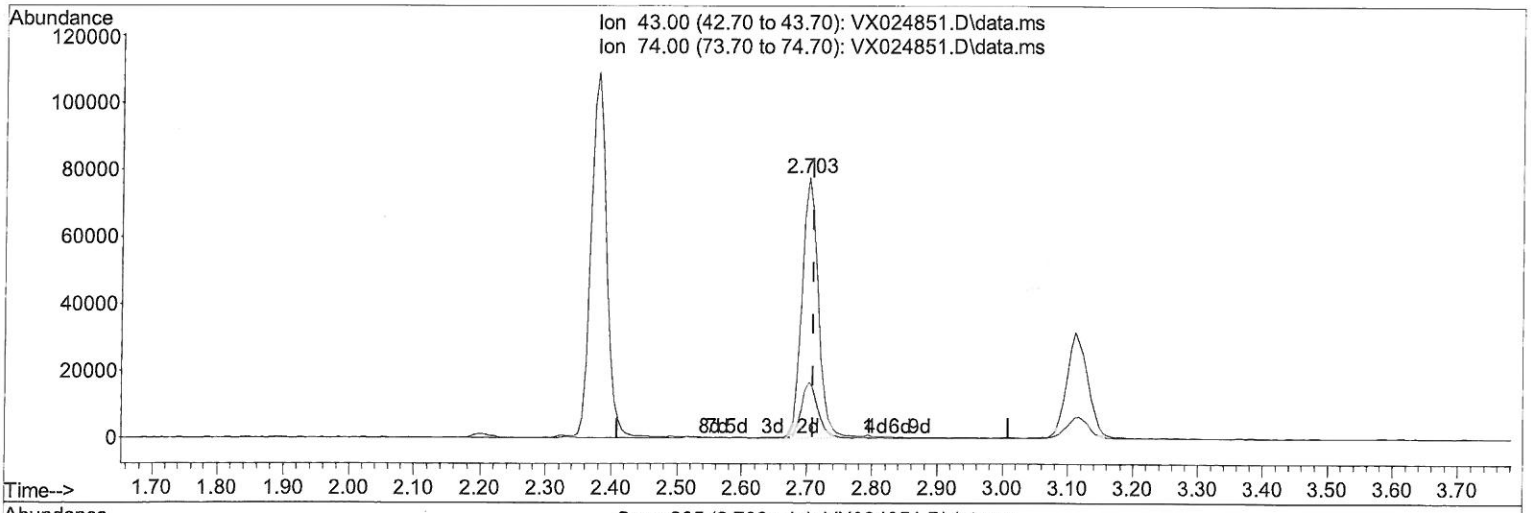

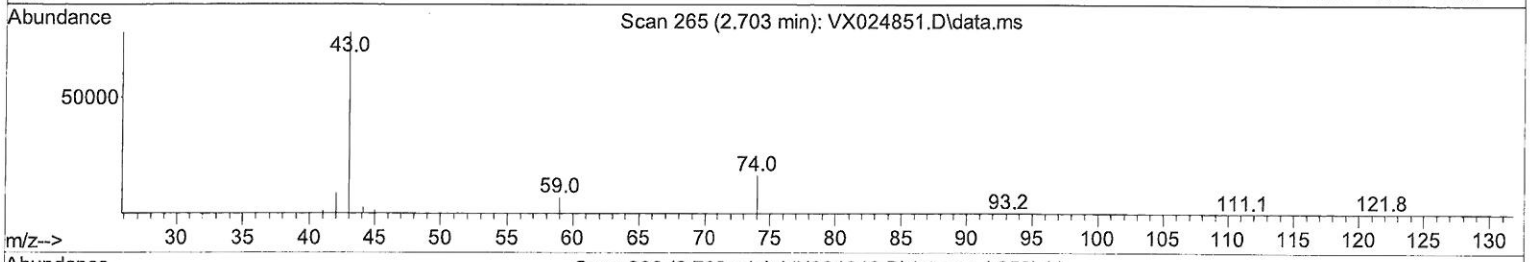

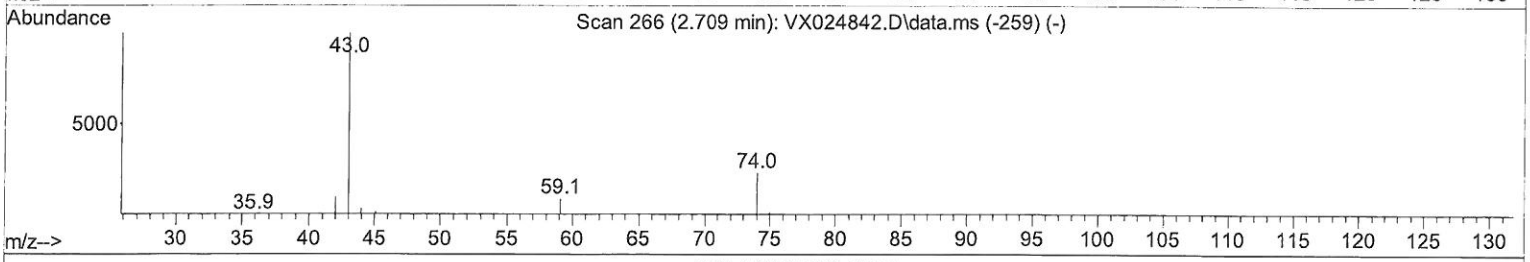

TIC: VX024851.D\data.ms

(15) Methyl Acetate (T)

2.703min (-0.006) 57.40 ug/L m

response 135270

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	27.10	0.10#
0.00	0.00	0.00
0.00	0.00	0.00

MD 10/25/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	293979	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	270886	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	138830	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	78088	42.901	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.800%			
7) Chloroethane-d5	1.666	69	59470	49.633	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.260%			
11) 1,1-Dichloroethene-d2	2.313	63	163357	45.710	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.420%			
21) 2-Butanone-d5	4.452	46	181862	121.530	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 121.530%			
24) Chloroform-d	5.062	84	174826	47.424	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.840%			
26) 1,2-Dichloroethane-d4	5.958	65	115692	44.374	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.740%			
32) Benzene-d6	5.977	84	311887	40.872	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.740%			
36) 1,2-Dichloropropane-d6	7.312	67	111713	46.807	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.620%			
41) Toluene-d8	8.653	98	292438	39.335	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.660%#			
43) trans-1,3-Dichloroprop...	8.952	79	53514	45.251	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.500%			
47) 2-Hexanone-d5	9.384	63	118552	105.806	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.810%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	156260	47.538	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.080%			
66) 1,2-Dichlorobenzene-d4	12.323	152	117378	43.212	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	121408	46.717	ug/L	99
3) Chloromethane	1.294	50	132569	62.479	ug/L	97
5) Vinyl chloride	1.374	62	129813	60.640	ug/L	98
6) Bromomethane	1.605	94	78969	66.850	ug/L	99
8) Chloroethane	1.685	64	68699	61.473	ug/L	97
9) Trichlorofluoromethane	1.886	101	170314	56.447	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	105958	56.426	ug/L	96
12) 1,1-Dichloroethene	2.319	96	97231	57.584	ug/L	95
13) Acetone	2.380	43	177418	119.943	ug/L	90
14) Carbon disulfide	2.514	76	251108	51.510	ug/L	100
15) Methyl Acetate	2.703	43	135270m	57.398	ug/L	
16) Methylene chloride	2.794	84	109601	53.948	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	100357	52.422	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	335684	53.312	ug/L	97
19) 1,1-Dichloroethane	3.611	63	198092	55.380	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	111327	51.525	ug/L	92
22) 2-Butanone	4.556	43	224037	114.415	ug/L	89
23) Bromochloromethane	4.904	128	58796	52.071	ug/L	95

MD 10/25/24

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	5.093	83	196598	48.609	ug/L		99
27) 1,2-Dichloroethane	6.086	62	159919	50.963	ug/L		97
29) Cyclohexane	5.471	56	174719	51.965	ug/L		94
30) 1,1,1-Trichloroethane	5.385	97	170779	48.077	ug/L		99
31) Carbon tetrachloride	5.684	117	146426	46.984	ug/L		98
33) Benzene	6.044	78	413093	49.351	ug/L		100
34) Trichloroethene	7.129	95	111747	48.502	ug/L		93
35) Methylcyclohexane	7.385	83	175594	47.940	ug/L		97
37) 1,2-Dichloropropane	7.434	63	114664	52.013	ug/L	#	97
38) Bromodichloromethane	7.824	83	141197	50.138	ug/L		96
39) cis-1,3-Dichloropropene	8.366	75	173611	52.523	ug/L		95
40) 4-Methyl-2-pentanone	8.574	43	374689	111.697	ug/L	#	90
42) Toluene	8.720	91	462702	49.524	ug/L		96
44) trans-1,3-Dichloropropene	8.982	75	171356	53.078	ug/L		95
45) 1,1,2-Trichloroethane	9.153	97	108343	50.546	ug/L		99
46) Tetrachloroethene	9.275	164	93563	52.097	ug/L		98
48) 2-Hexanone	9.433	43	306231	111.909	ug/L	#	87
49) Dibromochloromethane	9.525	129	112402	50.427	ug/L		97
50) 1,2-Dibromoethane	9.610	107	117533	50.773	ug/L		99
51) Chlorobenzene	10.079	112	289669	51.441	ug/L		95
52) Ethylbenzene	10.195	91	485441	50.462	ug/L		99
53) m,p-Xylene	10.305	106	186480	49.617	ug/L		99
54) o-Xylene	10.646	106	181407	48.324	ug/L		88
55) Styrene	10.659	104	306217	48.869	ug/L		97
57) 1,1,2,2-Tetrachloroethane	11.213	83	160225	47.295	ug/L		97
59) Bromoform	10.805	173	84456	53.766	ug/L		97
60) Isopropylbenzene	10.963	105	474835	49.668	ug/L		99
61) 1,2,3-Trichloropropane	11.244	75	136333	47.844	ug/L		99
62) 1,3,5-Trimethylbenzene	11.451	105	400993	47.755	ug/L		98
63) 1,2,4-Trimethylbenzene	11.756	105	395820	48.221	ug/L		98
64) 1,3-Dichlorobenzene	11.975	146	213620	47.915	ug/L		94
65) 1,4-Dichlorobenzene	12.043	146	216860	48.696	ug/L		96
67) 1,2-Dichlorobenzene	12.335	146	214699	48.773	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.945	75	34167	44.606	ug/L		87
69) 1,3,5-Trichlorobenzene	13.116	180	162875	50.860	ug/L		98
70) 1,2,4-trichlorobenzene	13.591	180	142217	52.487	ug/L		97
71) Naphthalene	13.780	128	453249	50.111	ug/L		99
72) 1,2,3-Trichlorobenzene	13.963	180	142919	51.116	ug/L		97

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